

## **UC-FR5000 / UC-FR5300 Ribbon Cable Part Number**

Part number for the Ribbon (flat) Cable on the UC-FR5000/UC-FR5300 Trunking Controller: 8900010952



August 2016

# SERVICE MANUAL ADDENDUM

**IC-FR6000 IC-FR6100 IC-FR6000-L IC-FR6100H**

**NOTE: Use these amended pages as one addendum set.  
Do not mix them up with the previous master pages.**

## CONTENTS

### REPLACEMENT PAGES:

**ADJUSTMENT PROCEDURE . . . . . 6-3, 6-4, 6-7, 6-9 and 6-10**

### AMENDED PAGES:

**ADJUSTMENT PROCEDURE . . . . . 6-10 to 6-14**

**MECHANICAL PARTS . . . . . 6-10 to 6-14**

**PARTS LIST . . . . . 1**

**BOARD LAYOUTS (MAIN-C/-D/-E UNIT: B-8190B) . . . . 28**

**VOLTAGE DIAGRAM . . . . . 30**

### [VERSION LIST]

MODEL	VERSION	VERSION NUMBER	FREQUENCY RANGE (MHz)	CHANNEL SPACING (kHz)	TX POWER (W)	MAIN UNIT	MAIN-A UNIT	MAIN-B UNIT	MAIN-C UNIT	MAIN-D UNIT	MAIN-E UNIT	
IC-FR6000	USA-01	[#01]	400-470	6.25/12.5		✓						
	EXP-01	[#03]				✓						
	CHN-02	[#04]				✓						
IC-FR6000-L	CHN-01	[#06]	350-400	6.25/12.5/25.0	50		✓					
IC-FR6000	EXP-11	[#07]*	400-470							✓		
	EXP-03	[#08]	350-400								✓	
	EXP-13	[#09]								✓		
	USA-02	[#11]	450-512	6.25/12.5	✓							
	EXP-02	[#13]	450-520	12.5/12.5/25.0	✓							
	IC-FR6000-L	USA-21	[#14]*	400-470	6.25/12.5	50				✓		
		EXP-21	[#15]*								✓	
CHN-22		[#16]*								✓		
IC-FR6000	CHN-21	[#17]*	350-400	12.5/12.5/25.0	50					✓		
	EXP-23	[#18]*									✓	
	USA-22	[#19]*				450-512	6.25/12.5					
IC-FR6000	EXP-22	[#20]*	450-520	12.5/12.5/25.0							✓	
	IC-FR6100	EUR-01	[#22]	400-470	12.5/12.5/20/25.0	25				✓		
EUR-21		[#23]*								✓		
DPM-01		[#32]								✓		
IC-FR6000	DPM-03	[#33]	400-470	12.5/12.5/25.0	50	✓						
IC-FR6100	DPM-02	[#34]		12.5/12.5/20/25.0	25			✓				
	DPM-21	[#35]*							✓			
IC-FR6000	DPM-23	[#36]*		12.5/12.5/25.0	50				✓			
IC-FR6100	DPM-22	[#37]*				25			✓			
IC-FR6100H	DPM-01	[#81]		12.5/12.5/20/25.0		50			✓			
	DPM-21	[#82]*									✓	

\*Newly added versions.

The underlined parts have been updated from the previous version of the addendum.

**ADJUSTMENT CHANNEL LISTS**

Clone the adjust channels into the repeater before starting adjustment. Each channel must be assigned [Frequency], [RF PWR], [CH Type], [TX C. Tone] and [W/N] as shown below.

• Channel list for [Low band] version

Memory CH																			
CH	Frequency (MHz)			Text	TOT			Scan List					CW ID			FM			
	RX	TX	TX Inh		Local Mic	Repeat/EPT	RF PWR	Lock-out	Scan List	Inc	Assign	Sel Inh	Auto Scan	CH Type	Auto Reset	ON/OFF	TX C.Tone	W/N	Comp
1-1	400.100000	<		LV L ADJ			L1						Analog	Tim-B				W	
1-2	435.100000	<		LV H ADJ			L1						Analog	Tim-B				W	
1-3	434.950000	<		LV L URFY			L1						Analog	Tim-B				W	
1-4	469.900000	<		LV H URFY			L1						Analog	Tim-B				W	
1-5	469.900000	<		TX Freq			L1						Analog	Tim-B				W	
1-6	400.100000	<		TX PWR Hi			H						Analog	Tim-B				W	
1-7	400.100000	<		TX PWR L2			L2						Analog	Tim-B				W	
1-8	400.100000	<		TX PWR L1			L1						Analog	Tim-B				W	
1-9	400.100000	<		BAL			L1						Analog	Tim-B				W	
1-10	434.900000	<		BAL Slant			H						Analog	Tim-B				N	
1-11	435.100000	<		BAL Offset			L1						Analog	Tim-B				W	
1-12	469.900000	<		BAL Slant(H)			H						Analog	Tim-B				N	
1-13	400.100000	<		DG Dev.			L1						Digital	Tim-B				-	
1-14	411.500000	<		DG Dev. 0			L1						Digital	Tim-B				-	
1-15	423.200000	<		DG Dev. 1			L1						Digital	Tim-B				-	
1-16	434.900000	<		DG Dev. 2			L1						Digital	Tim-B				-	
1-17	435.100000	<		DG Dev. Offs			L1						Digital	Tim-B				-	
1-18	446.800000	<		DG Dev. 3			L1						Digital	Tim-B				-	
1-19	458.200000	<		DG Dev. 4			L1						Digital	Tim-B				-	
1-20	469.900000	<		DG Dev. 5			L1						Digital	Tim-B				-	
1-21	400.100000	<		AN Dev. W			L1						Analog	Tim-B				W	
1-22	400.100000	<		AN Dev. M			L1						Analog	Tim-B				W	
1-23	400.100000	<		AN Dev. N			L1						Analog	Tim-B				N	
1-24	400.100000	<		CT/DT Wide			L1						Analog	Tim-B			151.4	W	
1-25	400.100000	<		CT/DT Narrow			L1						Analog	Tim-B			151.4	N	
1-26	435.000000	----	i	BPF C ALL			L1						Analog	Tim-B				W	
1-27	400.100000	----	i	BPF L ALL			L1						Analog	Tim-B				W	
1-28	469.900000	----	i	BPF H ALL			L1						Analog	Tim-B				W	
1-29	400.100000	----	i	RSSI			L1						Analog	Tim-B				W	
1-30	400.100000	----	i	SQL			L1						Analog	Tim-B				W	


• Channel list for [High band] version

Memory CH																			
CH	Frequency (MHz)			Text	TOT			Scan List					CW ID			FM			
	RX	TX	TX Inh		Local Mic	Repeat/EPT	RF PWR	Lock-out	Scan List	Inc	Assign	Sel Inh	Auto Scan	CH Type	Auto Reset	ON/OFF	TX C.Tone	W/N	Comp
1-1	450.100000	<		LV L ADJ			L1						Analog	Tim-B				W	
1-2	485.100000	<		LV H ADJ			L1						Analog	Tim-B				W	
1-3	484.950000	<		LV L URFY			L1						Analog	Tim-B				W	
1-4	519.900000	<		LV H URFY			L1						Analog	Tim-B				W	
1-5	519.900000	<		TX Freq			L1						Analog	Tim-B				W	
1-6	450.100000	<		TX PWR Hi			H						Analog	Tim-B				W	
1-7	450.100000	<		TX PWR L2			L2						Analog	Tim-B				W	
1-8	450.100000	<		TX PWR L1			L1						Analog	Tim-B				W	
1-9	450.100000	<		BAL			L1						Analog	Tim-B				W	
1-10	484.900000	<		BAL Slant			H						Analog	Tim-B				N	
1-11	485.100000	<		BAL Offset			L1						Analog	Tim-B				W	
1-12	519.900000	<		BAL Slant(H)			H						Analog	Tim-B				N	
1-13	450.100000	<		DG Dev.			L1						Digital	Tim-B				-	
1-14	461.500000	<		DG Dev. 0			L1						Digital	Tim-B				-	
1-15	473.200000	<		DG Dev. 1			L1						Digital	Tim-B				-	
1-16	484.900000	<		DG Dev. 2			L1						Digital	Tim-B				-	
1-17	485.100000	<		DG Dev. Offs			L1						Digital	Tim-B				-	
1-18	486.800000	<		DG Dev. 3			L1						Digital	Tim-B				-	
1-19	508.200000	<		DG Dev. 4			L1						Digital	Tim-B				-	
1-20	519.900000	<		DG Dev. 5			L1						Digital	Tim-B				-	
1-21	450.100000	<		AN Dev. W			L1						Analog	Tim-B				W	
1-22	450.100000	<		AN Dev. N			L1						Analog	Tim-B				N	
1-23	450.100000	<		CT/DT Wide			L1						Analog	Tim-B			151.4	W	
1-24	450.100000	<		CT/DT Narrow			L1						Analog	Tim-B			151.4	N	
1-25	450.100000	----	i	BPF C ALL			L1						Analog	Tim-B				W	
1-26	519.900000	----	i	BPF H ALL			L1						Analog	Tim-B				W	
1-27	450.100000	----	i	RSSI			L1						Analog	Tim-B				W	
1-28	450.100000	----	i	SQL			L1						Analog	Tim-B				W	

**ADJUSTMENT CHANNEL LISTS (continued)**  
**• Channel list for [350 MHz]**

Memory CH		Frequency (MHz)			Text	TOT			Scan List					CW ID		FM		
CH	RX	TX	TX Int	Local Mic		Repeat/EPTT	RF PWR	Lock-out	Scan List	Inc	Assign	Sel Inh	Auto Scan	CH Type	Auto Reset	ON/OFF	able	TX C.Tone
1-1	350.000000	<			LV L ADJ								Analog	Tim-B				W
1-2	375.000000	<			LV H ADJ								Analog	Tim-B				W
1-3	374.950000	<			LV L VRFY								Analog	Tim-B				W
1-4	399.900000	<			LV H VRFY								Analog	Tim-B				W
1-5	399.900000	<			TX Freq								Analog	Tim-B				W
1-6	350.100000	<			TX PWR Hi								Analog	Tim-B				W
1-7	350.100000	<			TX PWR L2								Analog	Tim-B				W
1-8	350.100000	<			TX PWR L1								Analog	Tim-B				W
1-9	350.100000	<			BAL								Analog	Tim-B				W
1-10	374.900000	<			BAL Slant								Analog	Tim-B				N
1-11	375.100000	<			BAL Offset								Analog	Tim-B				W
1-12	399.900000	<			BAL Slant(H)								Analog	Tim-B				N
1-13	350.100000	<			DG Dev.								Digital	Tim-B				-
1-14	358.100000	<			DG Dev. 0								Digital	Tim-B				-
1-15	366.500000	<			DG Dev. 1								Digital	Tim-B				-
1-16	374.900000	<			DG Dev. 2								Digital	Tim-B				-
1-17	375.100000	<			DG Dev. Offs								Digital	Tim-B				-
1-18	383.200000	<			DG Dev. 3								Digital	Tim-B				-
1-19	391.600000	<			DG Dev. 4								Digital	Tim-B				-
1-20	399.900000	<			DG Dev. 5								Digital	Tim-B				-
1-21	350.100000	<			AN Dev. W								Analog	Tim-B				W
1-22	350.100000	<			AN Dev. N								Analog	Tim-B				N
1-23	350.100000	<			CT/DT Wide								Analog	Tim-B			151.4	W
1-24	350.100000	<			CT/DT Narrow								Analog	Tim-B			151.4	N
1-25	375.000000	----			BPF C ALL								Analog	Tim-B				W
1-26	350.100000	----			BPF L ALL								Analog	Tim-B				W
1-27	399.900000	----			BPF H ALL								Analog	Tim-B				W
1-28	350.100000	----			RSSI								Analog	Tim-B				W
1-29	350.100000	----			SQL								Analog	Tim-B				W

**CONVENIENT: The same cloning file is available.**

Right-click  below, and select "Save Embedded File to Disk."

For [Low band] version:



For [High band] version:



For [350 MHz band] version:



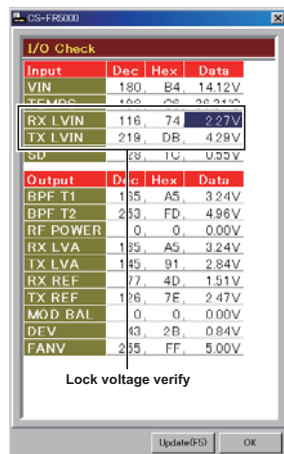
### 6-5 FREQUENCY ADJUSTMENT

- 1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.
- 2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

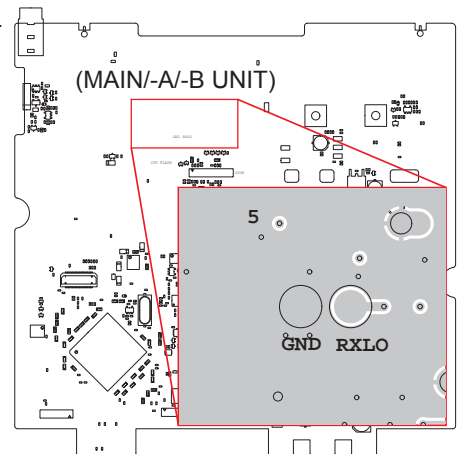
ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE	
PLL LOCK VOLTAGE -Preparation-	1	1) Connect the RF power meter to the TX antenna connector. 2) Set the preset adjustment value on the adjustment utility window.	[LV (RX L)] [LV (RX H)] [LV (TX L)] [LV (TX H)]	36 [0.70V] (for each item)	
-Adjust-RX (Band low)	2	• Channel: 1-1 • Receiving	[RX LVA L]	(Automatic adjustment)	
RX (Band high)	3	• Channel: 1-2 • Receiving	[RX LVA H]		
TX (Band low)	4	• Channel: 1-1 • Transmitting	[TX LVA L]		
TX (Band high)	5	• Channel: 1-2 • Transmitting	[TX LVA H]		
LOCK VOLTAGE VERIFY	1	Verify the lock voltage at each channel on the [RX LIVIN] item on the "I/O Check window" as shown below.	[RX LIVIN] (I/O Check window)	3.0-4.3 V (Verify) [L] <u>2.7-4.0 V (Verify) [H]</u> <u>2.7-4.3 V (Verify)</u> [350 MHz]	
RX (Band low)	2			• Channel: 1-4 • Receiving	3.0-4.0 V (Verify) [L] <u>2.7-4.0 V (Verify) [H]</u> <u>2.7-4.3 V (Verify)</u> [350 MHz]
RX (Band high)	2		Verify the lock voltage at each channel on the [TX LIVIN] item on the "I/O Check window" as shown below.	[TX LIVIN] (I/O Check window)	2.7-4.0 V (Verify) Except [350 MHz] 3.0-4.3 V (Verify) [350 MHz]
TX (Band low)	3				• Channel: 1-3 • Transmitting
TX (Band high)	4	• Channel: 1-4 • Transmitting			
RX FREQUENCY	1	• Channel: 1-8 • Receiving	[RX REF]	423.5500 MHz [L] 473.5500 MHz [H] 353.5500 MHz [350 MHz] (±50 Hz) (1st Lo frequency)	
TX FREQUENCY	1	–	[TX Mode]	"1"	
	2	• Channel: 1-5 • Transmitting	[TX REF]	469.9000 MHz [L] 519.9000 MHz [H] 399.9000 MHz [350 MHz] (±50 Hz)	

[L]= Low band, [H]=High band, [350 MHz]=350 MHz band.

• I/O CHECK WINDOW



• 1ST LO CHECK POINT



**6-3 TRANSMIT ADJUSTMENT (continued)**

- 1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.  
 2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE
<b>ANALOG DEVIATION -Preparation-</b>	1	–	Set the item <b>[TX Mode]</b> to "1."	<b>[TX Mode]</b> "1"
	2	–	1) Connect the modulation analyzer to the TX antenna connector, through an attenuator, and then set to: HPF: OFF LPF: 20 kHz De-emphasis: OFF Detector: (P-P)/2 2) Connect an audio generator to the MIC line, through the JIG cable, and then set to: Modulation: 1015 Hz Level: 40 mV rms Waveform: Sine wave	– –
<b>-Adjust- (Wide)</b>	3	• Channel: 1-21 • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard.	<b>[MOD (Wide)]</b> ±4.10 ±0.05 kHz
<b>(Middle)**</b>	4	• Channel: 1-22 <b>[Wide Band Width]</b> : "Middle" (see the page 6-5) • Transmitting	2) Push the [ENTER] key to store the adjust value.	<b>[MOD (Middle)]</b> ±3.20 ±0.05 kHz
<b>(Narrow)</b>	5	• Channel: 1-23 [L] 1-22 [H], [350 MHz] • Transmitting		<b>[MOD (Narrow)]</b> ±2.10 ±0.05 kHz
<b>CTCSS/DTCS DEVIATION -Preparation-</b>	1	–	Set the item <b>[TX Mode]</b> to "3."	<b>[TX Mode]</b> "3"
	2	• Channel: 1-24 [L] 1-23 [H], [350 MHz] • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	<b>[CTCSS (Wide)]</b> ±0.70 ±0.02 kHz
	3	• Channel: 1-25 [L] 1-24 [H], [350 MHz] • Transmitting		<b>[CTCSS (Narrow)]</b> ±0.35 ±0.02 kHz

\*\* : For only [EUR], [DPM] versions. [L]= Low band, [H]=High band, [350 MHz]=350 MHz band.

**6-4 RECEIVE ADJUSTMENT**

- 1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.  
 2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE
<b>RECEIVE SENSITIVITY -Preparation-</b>	1	–	Set the item <b>[RX Mode]</b> to "1."	<b>[RX Mode]</b> "1"
	2	–	Connect the SSG to the RX antenna connector, and then set to: Level†: +20 dBμ (–87 dBm) Modulation: 1 kHz Deviation: ±3.5 kHz	– –
<b>-Adjustment- (Band center)</b>	3	• Channel: 1-26 [L] 1-25 [H], [350 MHz] • Receiving	1) Set the SSG to: Frequency: 435.000 MHz [L] 450.100 MHz [H] 375.000 MHz [350 MHz] 2) Select the item <b>[BPF C ALL]</b> , and then push the [ENTER] key.	<b>[BPF C ALL]</b>
<b>-Adjustment- (Band low) For only [L] and [350 MHz]</b>	4	• Channel: 1-27 [L] 1-26 [350 MHz] • Receiving	1) Set the SSG to: Frequency: 400.100 MHz [L] 350.100 MHz [350 MHz] 2) Select the item <b>[BPF L ALL]</b> , and then push the [ENTER] key.	<b>[BPF L ALL]</b>  (Automatic adjustment)
<b>-Adjustment- (Band high)</b>	5	• Channel: 1-28 [L] 1-26 [H] 1-27 [350 MHz] • Receiving	1) Set the SSG to: Frequency: 469.900 MHz [L] 519.900 MHz [H] 399.900 MHz [350 MHz] 2) Select the item <b>[BPF H ALL]</b> , and then push the [ENTER] key.	<b>[BPF H ALL]</b>

[L]= Low band, [H]=High band, [350 MHz]=350 MHz band.

†: The output level of the standard signal generator (SSG) is indicated as the SSG's open circuit.

**6-4 RECEIVE ADJUSTMENT (continued)**

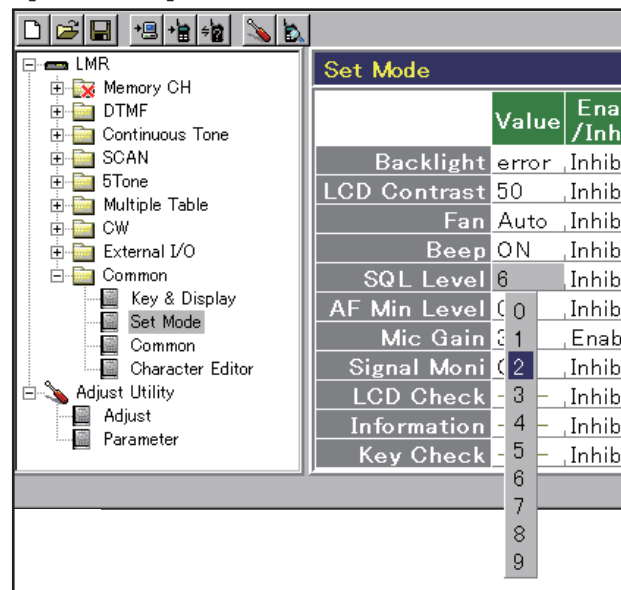
- 1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.
- 2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE
<b>S-METER -Preparation-</b>	<b>NOTE:</b> "RECEIVE SENSITIVITY" MUST be adjusted before "S-METER." When "RECEIVE SENSITIVITY" is re-adjusted, "S-METER" MUST be re-adjusted, too.			
	1	Connect the SSG to the RX antenna connector, and then set to: Frequency: 400.100 MHz [L] 450.100 MHz [H] 350.100 MHz [350 MHz] Modulation: 1 kHz Deviation: ±3.5 kHz	–	–
<b>-Adjust- (S3 level)</b>	2	• Channel: 1-29 [L] 1-27 [H] 1-28 [350 MHz] • Receiving 1) Set the SSG to: Level†: +23 dBμ (–84 dBm) 2) Select the item <b>[RSSI S3 Level]</b> , and then push the [ENTER] key to store the adjustment value.	<b>[RSSI S3 Level]</b>	(Automatic adjustment)
<b>(S1 level)</b>	3	• Channel: 1-29 [L] 1-27 [H] 1-28 [350 MHz] • Receiving 1) Set the SSG to: Level†: –7 dBμ (–114 dBm) 2) Select the item <b>[RSSI S1 Level]</b> , and then push the [ENTER] key, to store the adjustment value.	<b>[RSSI S1 Level]</b>	(Automatic adjustment)
<b>SQUELCH -Preparation-</b>	1	Set the item <b>[SQL Level]</b> to "2" (See the screen below).	<b>[SQL Level]</b>	"2"
	2	Connect the SSG to the RX antenna connector, and then set the SSG to: Frequency: 400.100 MHz [L] 450.100 MHz [H] 350.100 MHz [350 MHz] Modulation: 1 kHz Deviation: ±3.5 kHz Level†: –14 dBμ (–121 dBm)	–	–
<b>-Adjust-</b>	3	• Channel: 1-30 [L] 1-28 [H] 1-29 [350 MHz] • Receiving Push <b>[ENTER]</b> key to store the value.	<b>[SQL]</b>	<u>To the level where the squelch just opens.</u>

[L]= Low band, [H]=High band, [350 MHz]=350 MHz band

†: The output level of the standard signal generator (SSG) is indicated as the SSG's open circuit.

**• [SQL Level] SETTING**



### 6-5 FREQUENCY ADJUSTMENT

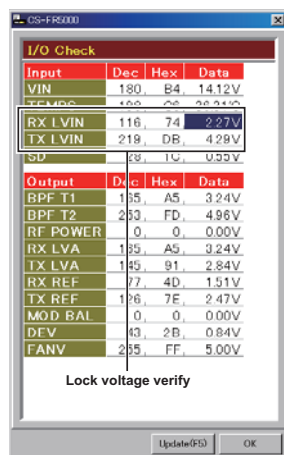
(For [#63], [#64], [#65], [#66], [#67], [#68], [#69], [#75], [#76], and [#77])

- 1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.
- 2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

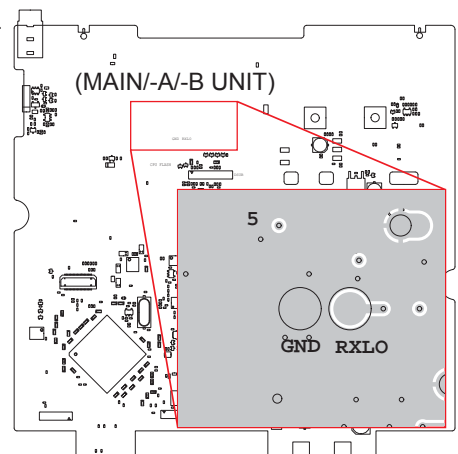
ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE	
PLL LOCK VOLTAGE -Preparation-	1	1) Connect the RF power meter to the TX antenna connector. 2) Set the preset adjustment value on the adjustment utility window.	[LV (RX L)] [LV (RX H)] [LV (TX L)] [LV (TX H)]	36 [0.70V] (for each item)	
-Adjust-RX (Band low)	2	• Channel: 1-1 • Receiving	[RX LVA L]	(Automatic adjustment)	
RX (Band high)	3	• Channel: 1-2 • Receiving	[RX LVA H]		
TX (Band low)	4	• Channel: 1-1 • Transmitting	[TX LVA L]		
TX (Band high)	5	• Channel: 1-2 • Transmitting	[TX LVA H]		
LOCK VOLTAGE VERIFY	1	Verify the lock voltage at each channel on the [RX LIVIN] item on the "I/O Check window" as shown below.	[RX LIVIN] (I/O Check window)	2.0–4.3 V (Verify) [L], [H]	
RX (Band low)	2			• Channel: 1-4 • Receiving	2.7–4.3 V (Verify) [350 MHz]
RX (Band high)				3	• Channel: 1-3 • Transmitting
TX (Band low)	4				• Channel: 1-4 • Transmitting
TX (Band high)	4	• Channel: 1-4 • Transmitting	[TX LIVIN] (I/O Check window)	3.0–4.3 V (Verify) [350 MHz]	
RX FREQUENCY	1	• Channel: 1-8 • Receiving	[RX REF]	423.5500 MHz [L] 473.5500 MHz [H] 353.5500 MHz [350 MHz] (±50 Hz) (1st Lo frequency)	
TX FREQUENCY	1	–		[TX Mode]	"1"
	2	• Channel: 1-5 • Transmitting	[TX REF]	469.9000 MHz [L] 519.9000 MHz [H] 399.9000 MHz [350 MHz] (±50 Hz)	

[L]= Low band, [H]=High band, [350 MHz]=350 MHz band.

• I/O CHECK WINDOW



• 1ST LO CHECK POINT



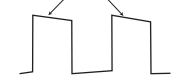



### 6-6 TRANSMIT ADJUSTMENT

(For [#63], [#64], [#65], [#66], [#67], [#68], [#69], [#75], [#76], and [#77])

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
<b>TX Output Power -Preparation-</b>	1	Connect the RF power meter to the TX antenna connector.	-	-
<b>-Adjust- (Hi Power)</b>	2	1) While transmitting, set the power supply voltage set to: [EUR], [DPM]: 13.2 V Other than above versions: 13.6 V	<b>[Power(Hi)]</b>	50 W [50 W versions] 25 W [25 W versions] 5.0 W*
<b>(L2 Power)</b>	3	2) Adjust the TX output power using [←] / [→] keys of the PC's keyboard.	<b>[Power(L2)]</b>	25 W [50 W versions] 10 W [25 W versions] 5.0 W*
<b>(L1 Power)</b>	4	3) Push the [ENTER] key to store the adjust value.	<b>[Power(L1)]</b>	5 W [50 W versions] 2.5 W [25 W versions] 5.0 W*
<b>MODULATION BALANCE -Preparation-</b>	1	1) Connect the modulation analyzer to the TX antenna connector through the attenuator. 2) Set the modulation analyzer set to: HPF: OFF LPF: 20 kHz De-emphasis: OFF Detector: (P-P)/2	-	-
	2	Set the item <b>[TX Mode]</b> to "2."	<b>[TX Mode]</b>	"2"
<b>-Adjust- (VCO 1)</b>	3	1) Connect the oscilloscope to the modulation analyzer's detector terminals. Then, connect the modulation analyzer to the transceiver through the attenuator.	<b>[BAL]</b>	As flat as possible. 
	4		<b>[BAL Slant]</b>	
<b>(VCO 2)</b>	5	2) Observe the waveform on the oscilloscope.	<b>[BAL Offset (High)]</b>	
	6		<b>[BAL Slant (High)]</b>	No over or under shoot.

\*: For IC-FR6100H.

**6-6 TRANSMIT ADJUSTMENT (continued)****(For [#63], [#64], [#65], [#66], [#67], [#68], [#69], [#75], [#76], and [#77])**

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE
<b>DIGITAL DEVIATION -Preparation-</b>	1	–	• Set the item <b>[TX Mode]</b> to "16."	<b>[TX Mode]</b> "16"
	2	–	1) Connect the modulation analyzer to the TX antenna connector through the attenuator. 2) Set the modulation analyzer set to: HPF: OFF LPF: 20 kHz De-emphasis: OFF Detector: (P-P)/2	– –
<b>-Adjust- (Band 1)</b>	3	• Channel: 1-13 • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard.	<b>[MOD (Digital)]</b>
<b>(Band 2)</b>	4	• Channel: 1-14 • Transmitting	2) Push the [ENTER] key to store the adjust value.	<b>[MOD Slant Band 0]</b>
<b>(Band 3)</b>	5	• Channel: 1-15 • Transmitting		<b>[MOD Slant Band 1]</b>
<b>(Band 4)</b>	6	• Channel: 1-16 • Transmitting		<b>[MOD Slant Band 2]</b>
<b>(Band 5)</b>	7	• Channel: 1-17 • Transmitting		<b>[MOD Offset (High)]</b>
<b>(Band 6)</b>	8	• Channel: 1-18 • Transmitting		<b>[MOD Slant Band 3]</b>
<b>(Band 7)</b>	9	• Channel: 1-19 • Transmitting		<b>[MOD Slant Band 4]</b>
<b>(Band 8)</b>	10	• Channel: 1-20 • Transmitting		<b>[MOD Slant Band 5]</b>
				±1.37 ±0.02 kHz
<b>ANALOG DEVIATION -Preparation-</b>	1	–	Set the item <b>[TX Mode]</b> to "1."	<b>[TX Mode]</b> "1"
	2	–	1) Connect the modulation analyzer to the TX antenna connector, through an attenuator, and then set to: HPF: OFF LPF: 20 kHz De-emphasis: OFF Detector: (P-P)/2 2) Connect an audio generator to the MIC line, through the JIG cable, and then set to: Modulation: 1015 Hz Level: 40 mV rms Waveform: Sine wave	– –
<b>-Adjust- (Wide)</b>	3	• Channel: 1-21 • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard.	<b>[MOD (Wide)]</b>
<b>(Middle)**</b>	4	• Channel: 1-22 <b>[Wide Band Width]</b> : "Middle" (see the page 6-5) • Transmitting	2) Push the [ENTER] key to store the adjust value.	<b>[MOD (Middle)]</b>
<b>(Narrow)</b>	5	• Channel: 1-23 [L] 1-22 [H], [350 MHz] • Transmitting		<b>[MOD (Narrow)]</b>
				±4.10 ±0.05 kHz ±3.20 ±0.05 kHz ±2.10 ±0.05 kHz
<b>CTCSS/DTCS DEVIATION -Preparation-</b>	1	–	Set the item <b>[TX Mode]</b> to "3."	<b>[TX Mode]</b> "3"
<b>-Adjust- (Wide)</b>	2	• Channel: 1-24 [L] 1-23 [H], [350 MHz] • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	<b>[CTCSS (Wide)]</b>
<b>(Narrow)</b>	3	• Channel: 1-25 [L] 1-24 [H], [350 MHz] • Transmitting		<b>[CTCSS (Narrow)]</b>
				±0.70 ±0.02 kHz ±0.35 ±0.02 kHz

\*\*: For only [EUR], [DPM] versions. [L]= Low band, [H]=High band, [350 MHz]=350 MHz band.

**6-7 RECEIVE ADJUSTMENT**

**(For [#63], [#64], [#65], [#66], [#67], [#68], [#69], [#75], [#76], and [#77])**

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE
RECEIVE SENSITIVITY -Preparation-	1	-	• Set the item <b>[RX Mode]</b> to "1."	<b>[RX Mode]</b> "1"
	2	-	Connect the SSG to the RX antenna connector, and then set to: Level†: +20 dBμ (-87 dBm) Modulation: 1 kHz Deviation: ±3.5 kHz	-
-Adjustment- (Band center)	3	• Channel: 1-26 [L] 1-25 [H], [350 MHz] • Receiving	1) Set the SSG to: Frequency: 435.000 MHz [L] 450.100 MHz [H] 375.000 MHz [350 MHz] 2) Select the item <b>[BPF C ALL]</b> , and then push the [ENTER] key.	<b>[BPF C ALL]</b>
-Adjustment- (Band low) For only [L] and [350 MHz]	4	• Channel: 1-27 [L] 1-26 [350 MHz] • Receiving	1) Set the SSG to: Frequency: 400.100 MHz [L] 350.100 MHz [350 MHz] 2) Select the item <b>[BPF L ALL]</b> , and then push the [ENTER] key.	<b>[BPF L ALL]</b>  (Automatic adjustment)
-Adjustment- (Band high)	5	• Channel: 1-28 [L] 1-26 [H] 1-27 [350 MHz] • Receiving	1) Set the SSG to: Frequency: 469.900 MHz [L] 519.900 MHz [H] 399.900 MHz [350 MHz] 2) Select the item <b>[BPF H ALL]</b> , and then push the [ENTER] key.	<b>[BPF H ALL]</b>

[L]= Low band, [H]=High band, [350 MHz]=350 MHz band.

†; The output level of the standard signal generator (SSG) is indicated as the SSG's open circuit.

**6-7 RECEIVE ADJUSTMENT (continued)**

**(For [#63], [#64], [#65], [#66], [#67], [#68], [#69], [#75], [#76], and [#77])**

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

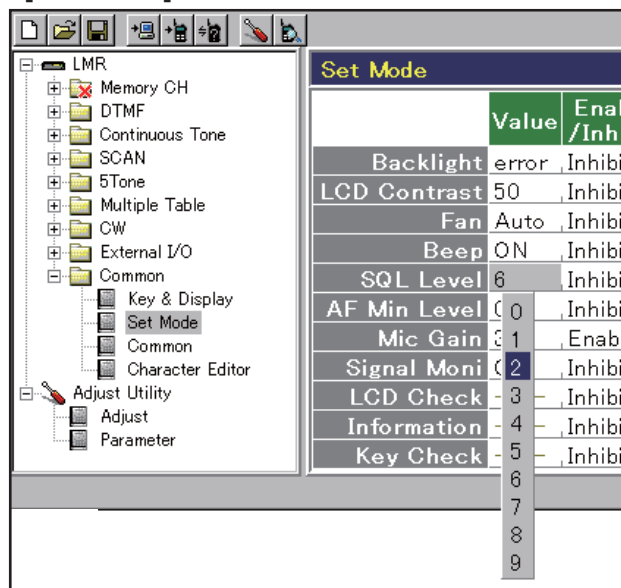
2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE
<b>S-METER -Preparation-</b>	<b>NOTE:</b> "RECEIVE SENSITIVITY" MUST be adjusted before "S-METER." When "RECEIVE SENSITIVITY" is re-adjusted, "S-METER" MUST be re-adjusted, too.			
	1	Connect the SSG to the RX antenna connector, and then set to: Frequency: 400.100 MHz [L] 450.100 MHz [H] 350.100 MHz [350 MHz] Modulation: 1 kHz Deviation: ±3.5 kHz	-	-
<b>-Adjust- (S3 level)</b>	2	• Channel: 1-29 [L] 1-27 [H] 1-28 [350 MHz] • Receiving 1) Set the SSG to: Level†: +23 dBμ (-84 dBm) 2) Select the item <b>[RSSI S3 Level]</b> , and then push the [ENTER] key to store the adjustment value.	<b>[RSSI S3 Level]</b>	(Automatic adjustment)
<b>(S1 level)</b>	3	• Channel: 1-29 [L] 1-27 [H] 1-28 [350 MHz] • Receiving 1) Set the SSG to: Level†: -7 dBμ (-114 dBm) 2) Select the item <b>[RSSI S1 Level]</b> , and then push the [ENTER] key, to store the adjustment value.	<b>[RSSI S1 Level]</b>	(Automatic adjustment)
<b>SQUELCH -Preparation-</b>	1	-	<b>[SQL Level]</b>	"2"
	2	Connect the SSG to the RX antenna connector, and then set the SSG to: Frequency: 400.100 MHz [L] 450.100 MHz [H] 350.100 MHz [350 MHz] Modulation: 1 kHz Deviation: ±3.5 kHz Level†: -14 dBμ (-121 dBm)	-	-
<b>-Adjust-</b>	3	• Channel: 1-30 [L] 1-28 [H] 1-29 [350 MHz] • Receiving Push <b>[ENTER]</b> key to store the value.	<b>[SQL]</b>	To the level where the squelch just opens.

[L]= Low band, [H]=High band, [350 MHz]=350 MHz band

†: The output level of the standard signal generator (SSG) is indicated as the SSG's open circuit.

**• [SQL Level] SETTING**



**SECTION 8**

**MECHANICAL PARTS**

**[CHASSIS PARTS]**

REF NO.	PART NO.	DESCRIPTION	QTY.
W1	8920001170	CAB-1147	[#07] 1
	8920001170	CAB-1147	[#09] 1
MP1	8810003361	SET SCREWC M3 X 6 ZC3	4
MP2	8810003361	SET SCREWC M3 X 6 ZC3	1
MP3	8110009330	3063 U-COVER R Y2146	1
MP4	8110010730	3063 A-BOTTOM COVER	[#07] 1
	8110010730	3063 A-BOTTOM COVER	[#09] 1
	8110009340	3063 BOTTOM COVER D	[#14] 1
	8110009340	3063 BOTTOM COVER D	[#15] 1
	8110009340	3063 BOTTOM COVER D	[#16] 1
	8110009340	3063 BOTTOM COVER D	[#17] 1
	8110009340	3063 BOTTOM COVER D	[#18] 1
	8110009340	3063 BOTTOM COVER D	[#19] 1
	8110009340	3063 BOTTOM COVER D	[#20] 1
	8110009340	3063 BOTTOM COVER D	[#23] 1
	8110009340	3063 BOTTOM COVER D	[#35] 1
	8110009340	3063 BOTTOM COVER D	[#36] 1
	8110009340	3063 BOTTOM COVER D	[#37] 1
	8110009340	3063 BOTTOM COVER D	[#82] 1
	MP5	8930073980	3063 ANGLE
MP6	8930073990	3063 CENTER ANGLE	1
MP7	8810005771	BIND M3 X 8 ZK3BLACK	11
MP9	8810009061	FLAT M3 X 6 ZK3	7
MP10	8810008661	PHBT M3 X 8 NI-ZC3	2
MP11	8810003361	SET SCREWC M3 X 6 ZC3	Only [#82] 6
MP12	8810003361	SET SCREWC M3 X 6 ZC3	[#07] 1
	8810003361	SET SCREWC M3 X 6 ZC3	[#09] 1
MP13	8930091270	3063 PLATE (NC)Y3008	[#07] 1
	8930091270	3063 PLATE (NC)Y3008	[#09] 1
MP14	8810008661	PHBT M3 X 8 NI-ZC3	[#07] 2
	8810008661	PHBT M3 X 8 NI-ZC3	[#09] 2
MP15	8930091280	3063 SHEET	[#07] 2
	8930091280	3063 SHEET	[#09] 2

**[FRONT UNIT]**

REF NO.	PART NO.	DESCRIPTION	QTY.
J501*	6510019121	S8B-PH-SM4-TB (LF) (SN)	1
J502*	6510019121	S8B-PH-SM4-TB (LF) (SN)	1
J503	6450002210	3017-8821	1
J504*	6510014961	B2B-ZR-SM4-TF (LF) (SN)	1
DS500	5030004230	L5-1077TRR	1
DS501	5040002710	EMPG3338S	1
DS502	5040002720	EMVVR3338S	1
DS503	5040002710	EMPG3338S	1
DS504	5040002720	EMVVR3338S	1
DS511	5040002150	VRPG3349S-734	1
DS512	5040002150	VRPG3349S-734	1
S506	2250000511	RH70N1037E20-13F-2781	1
SP501	2510001910	ND3050GA13Y04	1
MF1	2710001020	MGT6012HR-O15	[#07] 1
	2710001020	MGT6012HR-O15	[#09] 1
	2710001020	MGT6012HR-O15	[#07] 1
	2710001020	MGT6012HR-O15	[#09] 1
W501	8900011801	OPC-1199A	1
W502	8900017541	OPC-1785-1	1
EP501	8930065150	SRCN-2781-SP-N-W (SHJ)	2
EP503	6910019600	LM-5	2
EP504	6910019610	LM-7 (SPACER)	4
MP501	8930064260	2781 LCD HOLDER	1
MP502	8210021190	2781 REFLECTOR	1
MP503	8610012161	KNOB N-324-1	1
MP504	8610012151	KNOB N-325-1	1
MP507	8930064220	2781 KNOB RUBBER (TOP)S	1
MP508	8930075200	HIMELON SHEET (CY)	2
MP510	8930059001	2601 SP NET-1	1
MP511	8210025550	3063 FRONT PANEL (A)	1

**[FRONT UNIT]**

REF NO.	PART NO.	DESCRIPTION	QTY.	
MP512	8930074161	3063 FRONT PLATE-1	[#14] 1	
	8930074161	3063 FRONT PLATE-1	[#15] 1	
	8930074161	3063 FRONT PLATE-1	[#16] 1	
	8930074161	3063 FRONT PLATE-1	[#17] 1	
	8930074161	3063 FRONT PLATE-1	[#18] 1	
	8930074161	3063 FRONT PLATE-1	[#19] 1	
	8930074161	3063 FRONT PLATE-1	[#20] 1	
	8930074161	3063 FRONT PLATE-1	[#23] 1	
	8930074161	3063 FRONT PLATE-1	[#35] 1	
	8930074161	3063 FRONT PLATE-1	[#36] 1	
	8930074161	3063 FRONT PLATE-1	[#37] 1	
	MP513	8310070870	3063 WINDOW PLATE	[#07] 1
		8310070870	3063 WINDOW PLATE	[#09] 1
		8310070870	3063 WINDOW PLATE	[#14] 1
		8310070870	3063 WINDOW PLATE	[#15] 1
8310070870		3063 WINDOW PLATE	[#16] 1	
8310070870		3063 WINDOW PLATE	[#17] 1	
8310070870		3063 WINDOW PLATE	[#18] 1	
8310070870		3063 WINDOW PLATE	[#19] 1	
8310070870		3063 WINDOW PLATE	[#20] 1	
8310070870		3063 WINDOW PLATE	[#23] 1	
8310083780		3063 WINDOW PLATE (A)	[#35] 1	
8310083780		3063 WINDOW PLATE (A)	[#36] 1	
8310083780		3063 WINDOW PLATE (A)	[#37] 1	
8310083780		3063 WINDOW PLATE (A)	[#82] 1	
MP514		8210024431	3063 M-PANEL-1	1
MP515	8930074000	3063 SP ANGLE	1	
MP516	8110009350	3063 FRONT COVER	1	
MP517	8930073820	3063 FRONT KEY (SC)	1	
MP518	8930073911	3063 M-COVER-1	1	
MP519	8930074020	3063 KNOB RUBBER (TOP)	1	
MP520	8930075010	3063 A-PACKING (TOP)	1	
MP529	8810008661	PHBT M3 X 8 NI-ZC3	6	
MP530	8810008661	PHBT M3 X 8 NI-ZC3	2	
MP531	8810008661	PHBT M3 X 8 NI-ZC3	4	
MP532	8810008661	PHBT M3 X 8 NI-ZC3	6	
MP533	8810008661	PHBT M3 X 8 NI-ZC3	[#14] 5	
	8810008661	PHBT M3 X 8 NI-ZC3	[#15] 5	
	8810008661	PHBT M3 X 8 NI-ZC3	[#16] 5	
	8810008661	PHBT M3 X 8 NI-ZC3	[#17] 5	
	8810008661	PHBT M3 X 8 NI-ZC3	[#18] 5	
	8810008661	PHBT M3 X 8 NI-ZC3	[#19] 5	
	8810008661	PHBT M3 X 8 NI-ZC3	[#20] 5	
	8810008661	PHBT M3 X 8 NI-ZC3	[#23] 5	
	8810008661	PHBT M3 X 8 NI-ZC3	[#35] 5	
	8810008661	PHBT M3 X 8 NI-ZC3	[#36] 5	
MP534	8810010780	PH BT M3 X20 NI-ZK3	[#07] 4	
	8810010780	PH BT M3 X20 NI-ZK3	[#09] 4	
MP535	8930091230	3705 FRONT NET	[#07] 1	
	8930091230	3705 FRONT NET	[#09] 1	
MP536	8930091630	2781 LCD FILTER	1	

**[CONNECT UNIT]**

REF NO.	PART NO.	DESCRIPTION	QTY.
J601*	6510027920	IMSA-9631S-28Y934	1
	6510023210	CD6125SA1J0	1
S1*	2260003070	MINISMDC150F/24-2	1
W601	8900017500	OPC-1852	1

**[PA UNIT] (For IC-FR6000H)**

REF NO.	PART NO.	DESCRIPTION	QTY.
EP1	(Option)	UR-PA6000	1

\*: Refer to "BOARD LAYOUTS."

**Screw abbreviations** A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J1*	6510026770	AXK540147YG	1
J2*	6510023092	20FLT-SM2-TB (LF) (SN) (M)	1
J4*	6510023512	28FLT-SM2-TB (LF) (SN) (M)	1
J5	6510023110	3008L-8P8C	1
J6	6450002470	JY-3510A 01-130	1
J8*	6510023092	20FLT-SM2-TB (LF) (SN) (M)	1
J9*	6510019371	B3B-ZR-SM4-TF (LF) (SN)	1
J10	6510004910	NR-DS-E 01	1
J11	6510004910	NR-DS-E 01	1
J12*	6510025970	41-002AA-R	1
MF1	2710000870	AFB0512HB-7X22 HK	1
W1	7030014230	RJ20S0OHHM	1
W2	7030014230	RJ20S0OHHM	1
W4	8920000830	CAB-1116	1
W5	8900020500	OPC-2249	[#37] 1
	8900020500	OPC-2249	[#82] 1
EP10	6910011560	HF70BB4.5X5X1.6	2
EP13	6910011330	OT-009 M3	1
EP14	6910011330	OT-009 M3	1
MP1	8510018070	2979 VCO CASE	1
MP2	8510018060	2979 VCO COVER	1
MP3	8510018070	2979 VCO CASE	1
MP4	8510018060	2979 VCO COVER	1
MP5	8210024440	3063 SUB M-PANEL	1
MP6	8310070880	3063 S-LED PLATE	[#07] 1
	8310070880	3063 S-LED PLATE	[#14] 1
	8310070880	3063 S-LED PLATE	[#15] 1
	8310070880	3063 S-LED PLATE	[#16] 1
	8310070880	3063 S-LED PLATE	[#23] 1
	8310083910	3063 S-LED PLATE (B)	[#35] 1
	8310083910	3063 S-LED PLATE (B)	[#36] 1
	8310083910	3063 S-LED PLATE (B)	[#37] 1
	8310083910	3063 S-LED PLATE (B)	[#82] 1
MP7	8930073920	3063 SP COVER	1
MP8	8010020981	3063 CHASSIS-1	1
MP9	8110009360	3063 SU-COVER	1
MP10	8110009370	3063 SL-COVER	1
MP11	8930074300	3063 PC PLATE	[#07] 1
	8930074300	3063 PC PLATE	[#14] 1
	8930074300	3063 PC PLATE	[#15] 1
	8930074300	3063 PC PLATE	[#16] 1
	8930074300	3063 PC PLATE	[#23] 1
	8930074300	3063 PC PLATE	[#35] 1
	8930074300	3063 PC PLATE	[#36] 1
	8930085080	3063 IF PLATE	[#37] 1
	8930085080	3063 IF PLATE	[#82] 1
MP12	8930074180	O-RING (BR) (TOP)	1
MP13	8930075020	3063 B-PACKING (TOP)	1
MP14	8930075030	3063 C-PACKING (TOP)	1
MP15	8930073930	3063 SP RUBBER (TOP)	1
MP16	8930058990	SHIELD SPONGE (V)	1
MP17	8930062160	HIMELON SHEET (CL)	1
MP18	8930070921	2979 D-SUB PLATE-1	[#07] 1
	8930070921	2979 D-SUB PLATE-1	[#14] 1
	8930070921	2979 D-SUB PLATE-1	[#15] 1
	8930070921	2979 D-SUB PLATE-1	[#16] 1
	8930079651	2979 D-SUB PLATE (A)-1	[#23] 1
	8930079651	2979 D-SUB PLATE (A)-1	[#35] 1
	8930070921	2979 D-SUB PLATE-1	[#36] 1
	8930079651	2979 D-SUB PLATE (A)-1	[#37] 1
	8930079651	2979 D-SUB PLATE (A)-1	[#82] 1
MP19	8930058990	SHIELD SPONGE (V)	1
MP20	8510015660	2681 F-SHIELD PLATE	1
MP21	8930048550	2177 CLIP	1
MP22	8810008451	BIND M4 X 8 ZK3	4
MP23	8930075080	HR25F DUST CAP	1
MP24	8810009611	FLAT M2.6X 6 ZK3	8
MP25	8810009611	FLAT M2.6X 6 ZK3	9
MP26	8810010780	PH BT M3 X20 NI-ZK3	4
MP27	8810008661	PHBT M3 X 8 NI-ZC3	19
MP28	8810008661	PHBT M3 X 8 NI-ZC3	2
MP29	8810008661	PHBT M3 X 8 NI-ZC3	1
MP30	8810008661	PHBT M3 X 8 NI-ZC3	2
MP31	8810008661	PHBT M3 X 8 NI-ZC3	3
MP32	8810008661	PHBT M3 X 8 NI-ZC3	4
MP33	8510018780	3063 ANT CASE	2
MP35	8810003361	SET SCREWC M3 X 6 ZC3	2
MP36	8930066040	SPONGE (IK)	[#23] 1
	8930066040	SPONGE (IK)	[#35] 1
	8930066040	SPONGE (IK)	[#37] 1
	8930066040	SPONGE (IK)	[#82] 1
MP37	8510018790	3063 VCO SHIELD	1
MP38	8510018820	3063 SHIELD PLATE	1

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J1*	6510026770	AXK540147YG	1
J2*	6510023092	20FLT-SM2-TB (LF) (SN) (M)	1
J4*	6510023512	28FLT-SM2-TB (LF) (SN) (M)	1
J5	6510023110	3008L-8P8C	1
J6	6450002470	JY-3510A 01-130	1
J8*	6510023092	20FLT-SM2-TB (LF) (SN) (M)	1
J9*	6510019371	B3B-ZR-SM4-TF (LF) (SN)	1
J10	6510004910	NR-DS-E 01	1
J11	6510004910	NR-DS-E 01	1
J12*	6510025970	41-002AA-R	1
MF1	2710000870	AFB0512HB-7X22 HK	1
W1	7030014230	RJ20S0OHHM	1
W2	7030014230	RJ20S0OHHM	1
W4	8920000830	CAB-1116	1
EP10	6910011560	HF70BB4.5X5X1.6	2
EP13	6910011330	OT-009 M3	1
EP14	6910011330	OT-009 M3	1
MP1	8510018070	2979 VCO CASE	1
MP2	8510018060	2979 VCO COVER	1
MP3	8510018070	2979 VCO CASE	1
MP4	8510018060	2979 VCO COVER	1
MP5	8210024440	3063 SUB M-PANEL	1
MP6	8310070880	3063 S-LED PLATE	1
MP7	8930073920	3063 SP COVER	1
MP8	8010020981	3063 CHASSIS-1	1
MP9	8110009360	3063 SU-COVER	1
MP10	8110009370	3063 SL-COVER	1
MP11	8930074300	3063 PC PLATE	1
MP12	8930074180	O-RING (BR) (TOP)	1
MP13	8930075020	3063 B-PACKING (TOP)	1
MP14	8930075030	3063 C-PACKING (TOP)	1
MP15	8930073930	3063 SP RUBBER (TOP)	1
MP16	8930058990	SHIELD SPONGE (V)	1
MP17	8930062160	HIMELON SHEET (CL)	1
MP18	8930070921	2979 D-SUB PLATE-1	1
MP19	8930058990	SHIELD SPONGE (V)	1
MP20	8510015660	2681 F-SHIELD PLATE	1
MP21	8930048550	2177 CLIP	1
MP22	8810008451	BIND M4 X 8 ZK3	4
MP23	8930075080	HR25F DUST CAP	1
MP24	8810009611	FLAT M2.6X 6 ZK3	8
MP25	8810009611	FLAT M2.6X 6 ZK3	9
MP26	8810010780	PH BT M3 X20 NI-ZK3	4
MP27	8810008661	PHBT M3 X 8 NI-ZC3	19
MP28	8810008661	PHBT M3 X 8 NI-ZC3	2
MP29	8810008661	PHBT M3 X 8 NI-ZC3	1
MP30	8810008661	PHBT M3 X 8 NI-ZC3	2
MP31	8810008661	PHBT M3 X 8 NI-ZC3	3
MP32	8810008661	PHBT M3 X 8 NI-ZC3	4
MP33	8510018780	3063 ANT CASE	2
MP35	8810003361	SET SCREWC M3 X 6 ZC3	2
MP37	8510018790	3063 VCO SHIELD	1
MP38	8510018820	3063 SHIELD PLATE	1
MP41	8930058990	SHIELD SPONGE (V)	1

\*: Refer to "BOARD LAYOUTS."

Screw abbreviations A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless

**[MAIN-E UNIT]**

REF NO.	PART NO.	DESCRIPTION	QTY.
J1*	6510026770	AXK540147YG	1
J2*	6510023092	20FLT-SM2-TB (LF) (SN) (M)	1
J4*	6510023512	28FLT-SM2-TB (LF) (SN) (M)	1
J5	6510023110	3008L-8P8C	1
J6	6450002470	JY-3510A 01-130	1
J8*	6510023092	20FLT-SM2-TB (LF) (SN) (M)	1
J9*	6510019371	B3B-ZR-SM4-TF (LF) (SN)	1
J10	6510004910	NR-DS-E 01	1
J11	6510004910	NR-DS-E 01	1
J12*	6510025970	41-002AA-R	1
MF1	2710000870	AFB0512HB-7X22 HK	1
W1	7030014230	RJ20S0OHM	1
W2	7030014230	RJ20S0OHM	1
W4	8920000830	CAB-1116	1
EP10	6910011560	HF70BB4.5X5X1.6	2
EP13	6910011330	OT-009 M3	1
EP14	6910011330	OT-009 M3	1
MP1	8510018070	2979 VCO CASE	1
MP2	8510018060	2979 VCO COVER	1
MP3	8510018070	2979 VCO CASE	1
MP4	8510018060	2979 VCO COVER	1
MP5	8210024440	3063 SUB M-PANEL	1
MP6	8310070880	3063 S-LED PLATE	1
MP7	8930073920	3063 SP COVER	1
MP8	8010020981	3063 CHASSIS-1	1
MP9	8110009360	3063 SU-COVER	1
MP10	8110009370	3063 SL-COVER	1
MP11	8930074300	3063 PC PLATE	1
MP12	8930074180	O-RING (BR) (TOP)	1
MP13	8930075020	3063 B-PACKING (TOP)	1
MP14	8930075030	3063 C-PACKING (TOP)	1
MP15	8930073930	3063 SP RUBBER (TOP)	1
MP16	8930058990	SHIELD SPONGE (V)	1
MP17	8930062160	HIMELON SHEET (CL)	1
MP18	8930079651	2979 D-SUB PLATE (A)-1	1
MP19	8930058990	SHIELD SPONGE (V)	1
MP20	8510015660	2681 F-SHIELD PLATE	1
MP21	8930048550	2177 CLIP	1
MP22	8810008451	BIND M4 X 8 ZK3	4
MP23	8930075080	HR25F DUST CAP	1
MP24	8810009611	FLAT M2.6X 6 ZK3	8
MP25	8810009611	FLAT M2.6X 6 ZK3	9
MP26	8810010780	PH BT M3 X20 NI-ZK3	4
MP27	8810008661	PHBT M3 X 8 NI-ZC3	19
MP28	8810008661	PHBT M3 X 8 NI-ZC3	2
MP29	8810008661	PHBT M3 X 8 NI-ZC3	1
MP30	8810008661	PHBT M3 X 8 NI-ZC3	2
MP31	8810008661	PHBT M3 X 8 NI-ZC3	3
MP32	8810008661	PHBT M3 X 8 NI-ZC3	4
MP33	8510018780	3063 ANT CASE	2
MP35	8810003361	SET SCREWC M3 X 6 ZC3	2
MP36	8930066040	SPONGE (IK)	1
MP37	8510018790	3063 VCO SHIELD	1
MP38	8510018820	3063 SHIELD PLATE	1

**[ACCESSORIES]**

REF NO.	PART NO.	DESCRIPTION	QTY.
W1	8900017530	OPC-1784 M2K	1
W2	8900017530	OPC-1784 M2K	1
W3	8900021150	OPC-2243	1
W4	8920001160	CAB-1149	1
	8920001160	CAB-1149	1
MP1	8930075520	3063 HANDLE	1
MP4	8310071490	3063 KEY SEAL	1

**[FAN UNIT]**

REF NO.	PART NO.	DESCRIPTION	QTY.
J1	6510011441	B4P-VH (LF) (SN)	1
J2	6510009371	B4B-ZR (LF) (SN)	1
J3	6510009371	B4B-ZR (LF) (SN)	1
MP1	8930073170	SPONGE (JQ)	1

\*: Refer to "BOARD LAYOUTS."

**Screw abbreviations** A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless

# PARTS LIST

**[FRONT UNIT]**

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
IC500	1130009121	S.IC S1D15206F00A200	B	69.5/36.0
IC501	1110005771	S.IC S-80942CNMC-G9CT2G	B	105.3/24.1
IC502	1140014582	S.IC UPD78F1153GK(R)-GAK-AX (3063C-3)	B	101.4/38.8
IC503	1110005350	S.IC NJM2870F05-TE1-#FZZB	B	47.3/30.5
IC506	1140013200	S.IC CD4053BPWR	B	39.1/31.7
IC508	1110002751	S.IC TA75S01F(TE85RF)	B	143.0/18.1
IC509	1110006770	S.IC TDA8547TS/N <RVO>	B	28.5/55.8
Q500	1590001050	S.TRA DTC114TUA T106	B	148.5/41.4
Eqv.	1590004820	S.TRA DRC5114T0L		
Q501	1590001050	S.TRA DTC114TUA T106	B	161.8/34.6
Eqv.	1590004820	S.TRA DRC5114T0L		
Q502	1590001050	S.TRA DTC114TUA T106	B	161.9/41.4
Eqv.	1590004820	S.TRA DRC5114T0L		
Q503	1590001050	S.TRA DTC114TUA T106	B	148.5/34.6
Eqv.	1590004820	S.TRA DRC5114T0L		
Q504	1590001050	S.TRA DTC114TUA T106	B	91.4/45.6
Eqv.	1590004820	S.TRA DRC5114T0L		
Q506	1590004590	S.TRA DMC506010R	B	33.0/48.2
Q508	1520000460	S.TRA 2SB1132 T100 R	B	36.9/52.7
Eqv.	1520000910	S.TRA 2SB1132L-R-AB3-R		
Q510	1590001050	S.TRA DTC114TUA T106	B	152.9/53.3
Eqv.	1590004820	S.TRA DRC5114T0L		
Q511	1590001050	S.TRA DTC114TUA T106	B	166.3/53.0
Eqv.	1590004820	S.TRA DRC5114T0L		
Q513	1590001060	S.TRA DTA114TUA T106	B	168.8/53.0
Q514	1590001060	S.TRA DTA114TUA T106	B	160.1/49.6
Q515	1590001060	S.TRA DTA114TUA T106	B	155.4/53.3
Q516	1590001060	S.TRA DTA114TUA T106	B	145.4/49.9
Q517	1590001050	S.TRA DTC114TUA T106	B	160.1/46.9
Eqv.	1590004820	S.TRA DRC5114T0L		
Q518	1590001050	S.TRA DTC114TUA T106	B	145.4/47.1
Eqv.	1590004820	S.TRA DRC5114T0L		
D503	1750002210	S.DIO DA2S00100L	B	112.3/33.9
D504	1750002020	S.DIO DA2S10100L	B	95.1/45.9
D505	1790001450	S.DIO RB160L-40 TE-25	B	41.8/26.6
D506	1790001450	S.DIO RB160L-40 TE-25	B	63.2/6.6
D507	1750001980	S.ZEN DZ2J056M0L	B	160.8/29.9
D508	1750000370	S.DIO DA221 TL	B	153.2/27.7
D509	1750000370	S.DIO DA221 TL	B	166.4/28.1
D510	1750002020	S.DIO DA2S10100L	B	43.2/51.6
D511	1750002020	S.DIO DA2S10100L	B	115.9/45.0
D512	1750002020	S.DIO DA2S10100L	B	65.3/10.2
D513	1750002020	S.DIO DA2S10100L	B	36.3/24.4
X501	6050012680	S.XTA CR-858(SMD-49/18.432 MHz)	B	113.1/28.2
L500	6200002861	S.COI NLV25T-4R7J-PF	B	106.1/17.9
L501	6200003640	S.COI MLF1608E 100K-T	B	161.6/17.9
L502	6200002861	S.COI NLV25T-4R7J-PF	B	86.0/39.4
R500	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	83.6/43.7
R501	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	87.4/47.5
R506	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	157.8/36.3
R507	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	167.9/44.3
R508	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	167.9/37.8
R509	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	155.4/44.6
R510	7030005530	S.RES ERJ2GEJ 100 X (10)	B	106.8/30.6
R511	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	105.9/30.6
R512	7510001730	S.THE ERTJ0EP 473J	B	103.1/48.9
R513	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	102.2/49.9
R514	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	113.1/32.3
R515	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	112.3/36.0
R516	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	103.2/26.4
R517	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	110.3/33.1
R518	7410001140	S.ARR EXB28V104JX	B	107.0/47.1
R519	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	105.4/48.5
R520	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	96.1/30.8
R523	7030005710	S.RES ERJ2GEJ 121 X (120)	B	114.1/37.6
R524	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	104.5/48.5
R525	7030005710	S.RES ERJ2GEJ 121 X (120)	B	113.2/37.6
R526	7030005710	S.RES ERJ2GEJ 121 X (120)	B	112.3/37.6
R532	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	33.2/45.5
R533	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	31.2/47.7
R534	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	32.3/45.8

**[FRONT UNIT]**

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R536	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	158.7/30.8
R538	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	155.7/29.3
R539	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	27.7/51.1
R540	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	26.6/49.9
R541	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	139.2/32.0
R542	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	26.2/51.1
R543	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	137.4/31.5
R544	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	164.9/29.4
R545	7030004980	S.RES ERJ2GEJ 101 X (100)	B	140.4/19.9
R546	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	164.9/27.8
R547	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	155.7/27.7
R548	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	159.8/28.0
R549	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	32.0/51.3
R551	7210003050	VAR EVU-F2KFK3 B14 (10KB)	B	142.3/20.4
R552	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	144.7/20.5
R553	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	32.6/53.4
R554	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	161.1/19.0
R556	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	29.3/51.3
R557	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	169.2/51.1
R558	7030008370	S.RES ERJ2GEJ 561 X (560)	B	155.8/51.1
R559	7030008370	S.RES ERJ2GEJ 561 X (560)	B	139.5/17.2
R560	7030010040	S.RES ERJ2GEJ-JPW	B	86.2/43.7
R562	7030003680	S.RES ERJ3GEYJ 104 V (100K)	B	88.2/44.9
R563	7030003740	S.RES ERJ3GEYJ 334 V (330K)	B	153.1/19.8
R564	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	162.0/49.2
R566	7030008370	S.RES ERJ2GEJ 561 X (560)	B	148.3/49.9
R567	7030008370	S.RES ERJ2GEJ 561 X (560)	B	87.5/17.0
R568	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	103.1/24.8
R570	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	45.8/51.6
R571	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	46.3/50.3
R572	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.4/33.0
R573	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.4/32.1
R574	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	34.8/24.7
R575	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	62.6/12.9
R576	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	
C500	4030016930	S.CER C1005 JB 1A 104K-T	B	79.4/47.9
C501	4030016930	S.CER C1005 JB 1A 104K-T	B	80.9/47.5
C502	4030016930	S.CER C1005 JB 1A 104K-T	B	80.9/46.6
C503	4030016930	S.CER C1005 JB 1A 104K-T	B	80.4/45.3
C504	4030016930	S.CER C1005 JB 1A 104K-T	B	81.3/45.3
C505	4030017490	S.CER C1608 JB 1A 105K-T	B	81.0/41.0
C506	4030017460	S.CER C1005 JB 1H 102K-T	B	84.0/39.8
C507	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/39.5
C508	4030017730	S.CER C1005 JB 1H 471K-T	B	146.4/41.2
C509	4030017730	S.CER C1005 JB 1H 471K-T	B	159.8/34.4
C510	4030017730	S.CER C1005 JB 1H 471K-T	B	159.9/41.2
C511	4030017730	S.CER C1005 JB 1H 471K-T	B	146.4/34.4
C512	4030017030	S.CER C1005 JB 1A 273K-T	B	104.8/21.8
C513	4030017630	S.CER C1005 CH 1H 120J-T	B	106.4/29.4
C514	4030017420	S.CER C1005 CH 1H 470J-T	B	157.7/44.6
C515	4030016790	S.CER C1005 JB 1E 103K-T	B	103.6/50.3
C516	4030017580	S.CER C1005 CH 1H 060C-T	B	113.1/31.4
C517	4030016930	S.CER C1005 JB 1A 104K-T	B	102.2/50.8
C518	4030016790	S.CER C1005 JB 1E 103K-T	B	113.4/35.1
C519	4030017640	S.CER C1005 CH 1H 150J-T	B	111.3/31.8
C520	4030016930	S.CER C1005 JB 1A 104K-T	B	105.2/27.1
C521	4030018900	S.CER C1005 JB 0J 474K-T	B	105.0/30.1
C522	4550006480	S.TAN TEESVA 1C 475M8R	B	46.7/33.3
Eqv.	4550007260	S.TAN F931C475MAABMA		
C523	4030019990	S.CER C1005 JB 1C 104K-T	B	45.0/31.1
C524	4030016790	S.CER C1005 JB 1E 103K-T	B	49.9/29.5
C525	4550006250	S.TAN TEESVA 1A 106M8R	B	49.0/27.8
Eqv.	4550007520	S.TAN F931A106MAABMA		
C526	4030016930	S.CER C1005 JB 1A 104K-T	B	48.9/26.2
C527	4030016930	S.CER C1005 JB 1A 104K-T	B	34.4/30.0
C530	4030017460	S.CER C1005 JB 1H 102K-T	B	34.6/55.4
C531	4550006250	S.TAN TEESVA 1A 106M8R	B	106.6/20.2
Eqv.	4550007520	S.TAN F931A106MAABMA		
C532	4030017460	S.CER C1005 JB 1H 102K-T	B	31.4/45.8
C533	4030017460	S.CER C1005 JB 1H 102K-T	B	45.4/27.1
C534	4030016930	S.CER C1005 JB 1A 104K-T	B	62.1/14.2
C535	4030016930	S.CER C1005 JB 1A 104K-T	B	30.8/49.1
C536	4030017460	S.CER C1005 JB 1H 102K-T	B	161.0/28.5
C537	4030017460	S.CER C1005 JB 1H 102K-T	B	33.6/53.4
C538	4030018860	S.CER C1005 JB 0J 105K-T	B	26.6/49.0
C539	4030017420	S.CER C1005 CH 1H 470J-T	B	154.8/27.7
C540	4510008590	S.ELE EEE1A101SP	B	36.9/59.5
C541	4030019990	S.CER C1005 JB 1C 104K-T	B	150.2/20.0
C542	4030017460	S.CER C1005 JB 1H 102K-T	B	139.4/19.9

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)



[FRONT UNIT]

[CONNECT UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C544	4550006250	S.TAN TEESVA 1A 106M8R	B	29.7/60.9
Eqv.	4550007520	S.TAN F931A106MAABMA		
C545	4030017420	S.CER C1005 CH 1H 470J-T	B	168.1/28.2
C546	4030017420	S.CER C1005 CH 1H 470J-T	B	137.4/32.4
C547	4030017420	S.CER C1005 CH 1H 470J-T	B	134.3/32.5
C548	4030017460	S.CER C1005 JB 1H 102K-T	B	161.0/27.5
C549	4030017460	S.CER C1005 JB 1H 102K-T	B	44.2/47.5
C551	4030017420	S.CER C1005 CH 1H 470J-T	B	158.1/19.3
C553	4030017420	S.CER C1005 CH 1H 470J-T	B	140.7/17.6
C555	4030018860	S.CER C1005 JB 1H 105K-T	B	148.6/18.0
C556	4030016790	S.CER C1005 JB 1E 103K-T	B	143.2/23.6
C558	4550006480	S.TAN TEESVA 1C 475M8R	B	143.5/22.1
Eqv.	4550007260	S.TAN F931C475MAABMA		
C559	4030017730	S.CER C1005 JB 1H 471K-T	B	166.3/51.1
C560	4030017730	S.CER C1005 JB 1H 471K-T	B	153.1/51.2
C561	4030017730	S.CER C1005 JB 1H 471K-T	B	162.0/47.0
C562	4030017730	S.CER C1005 JB 1H 471K-T	B	147.4/46.7
C563	4030016930	S.CER C1005 JB 1A 104K-T	B	105.2/28.1
C564	4030016930	S.CER C1005 JB 1A 104K-T	B	103.2/28.0
C565	4030016930	S.CER C1005 JB 1A 104K-T	B	44.0/29.9
C566	4030017460	S.CER C1005 JB 1H 102K-T	B	42.9/49.5
C567	4030016930	S.CER C1005 JB 1A 104K-T	B	42.9/50.4
C568	4030017460	S.CER C1005 JB 1H 102K-T	B	67.3/6.6
C569	4550006250	S.TAN TEESVA 1A 106M8R	B	89.7/40.7
Eqv.	4550007520	S.TAN F931A106MAABMA		
C573	4030016930	S.CER C1005 JB 1A 104K-T	B	34.8/23.8
C574	4030016930	S.CER C1005 JB 1A 104K-T	B	62.6/12.0
C575	4510009020	S.ELE EEE0JA331P	B	106.0/11.4
J501	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	26.9/27.6
J502	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	52.9/15.2
J503	6450002210	CON 3017-8821		
J504	6510014961	S.CON B2B-ZR-SM4-TF(LF)(SN)	B	18.4/57.1
DS500	5030004230	LCD L5-1077TRR		
DS501	5040002710	LED EMPG3338S		
DS502	5040002720	LED EMVR3338S		
DS503	5040002710	LED EMPG3338S		
DS504	5040002720	LED EMVR3338S		
DS505	5040002310	S.LED SML-311YTT86	T	111.3/43.2
DS506	5040002310	S.LED SML-311YTT86	T	101.3/43.2
DS507	5040002310	S.LED SML-311YTT86	T	91.3/43.2
DS508	5040002310	S.LED SML-311YTT86	T	81.3/43.2
DS509	5040002310	S.LED SML-311YTT86	T	71.3/43.2
DS510	5040002310	S.LED SML-311YTT86	T	61.3/43.2
DS511	5040002150	LED VRPG3349S-734		
DS512	5040002150	LED VRPG3349S-734		
S506	2250000511	ENC RH70N1037E20-13F-2781		
SP501	2510001910	SPE ND3050GA13Y04 <EVT>		
MF1	2710001020	FAN MGT6012HR-O15		[#07]
	2710001020	FAN MGT6012HR-O15		[#09]
MF2	2710001020	FAN MGT6012HR-O15		[#07]
	2710001020	FAN MGT6012HR-O15		[#09]
W501	8900011801	CAB OPC-1199A		
W502	8900017541	CAB OPC-1785-1		
EP501	8930065150	LCD SRCN-2781-SP-N-W (SHJ)		
EP503	6910019600	SPA LM-5		
EP504	6910019610	SPA LM-7 (SPACER)		

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C601	4030017420	S.CER C1005 CH 1H 470J-T	T	13.8/12.4
C602	4030017400	S.CER C1005 CH 1H 220J-T	T	12.2/12.4
C603	4030017420	S.CER C1005 CH 1H 470J-T	T	16.6/12.4
C604	4030017400	S.CER C1005 CH 1H 220J-T	T	15.0/14.2
C605	4030017420	S.CER C1005 CH 1H 470J-T	T	17.8/13.9
C606	4030017420	S.CER C1005 CH 1H 470J-T	T	19.4/12.4
C607	4030017420	S.CER C1005 CH 1H 470J-T	T	20.6/13.9
C608	4030017420	S.CER C1005 CH 1H 470J-T	T	22.7/12.4
C609	4030017420	S.CER C1005 CH 1H 470J-T	T	25.5/12.4
C610	4030017420	S.CER C1005 CH 1H 470J-T	T	29.7/12.8
C611	4030017420	S.CER C1005 CH 1H 470J-T	T	31.0/14.1
C612	4030017420	S.CER C1005 CH 1H 470J-T	T	32.5/12.8
C613	4030017420	S.CER C1005 CH 1H 470J-T	T	33.6/14.1
C614	4030017420	S.CER C1005 CH 1H 470J-T	T	35.2/14.1
C615	4030017420	S.CER C1005 CH 1H 470J-T	T	35.8/12.8
C616	4030017420	S.CER C1005 CH 1H 470J-T	B	35.2/15.6
C617	4030017420	S.CER C1005 CH 1H 470J-T	T	37.6/13.6
C618	4030017420	S.CER C1005 CH 1H 470J-T	T	39.3/12.2
C619	4030017420	S.CER C1005 CH 1H 470J-T	T	39.9/13.4
C620	4030017420	S.CER C1005 CH 1H 470J-T	T	41.3/12.6
C621	4030017420	S.CER C1005 CH 1H 470J-T	T	27.4/13.9
J601	6510027920	S.CON IMSA-9631S-28Y934	B	22.8/16.2
J602	6510023210	CON CD6125SA1J0		
S1	2260003070	S.SWI MINISMDC150F/24-2	B	38.9/18.0
W601	8900017500	CAB OPC-1852 (P0.5N28L90)		

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[PA UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
EP1	(Option)	UNI UR-PA6000		

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1-#ZZZB	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.2
IC3	1130017760	S.IC SC-1449A (ML7351CGDZ0ANL)	B	120.4/42.9
IC4	1130017760	S.IC SC-1449A (ML7351CGDZ0ANL)	B	32.3/82.2
IC5	1110007720	S.IC AA32416A	B	70.5/82.5
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4
IC9	1190002080	S.IC AD7476ARTZ-REEL7	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK(T5LF)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35.0
IC12	1140013290	S.IC TMS320VC5509AZHH	B	33.4/37.9
IC13	1180002591	S.REG XC6204B332MR-G	T	81.0/20.4
IC14	1180003271	S.REG R1114Q161D-TR-FE	T	84.4/21.4
IC15	1180002591	S.REG XC6204B332MR-G	T	87.9/21.4
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.4/52.8
IC20	1140014550	S.IC HD64F2506RFC26DV	T	33.5/37.7
IC21	1140012950	S.IC 24LC512T-I/SM	T	59.2/21.8
IC22	1150002211	IC RA55H4047M-121 [#07]		
	1150002211	IC RA55H4047M-121 [#14]		
	1150002211	IC RA55H4047M-121 [#15]		
	1150002211	IC RA55H4047M-121 [#16]		
	1150002092	IC RA30H4047M-121 [#23]		
	1150002092	IC RA30H4047M-121 [#35]		
	1150002211	IC RA55H4047M-121 [#36]		
	1150002092	IC RA30H4047M-121 [#37]		
	1150002092	IC RA30H4047M-121 [#82]		
IC23	1110002751	S.IC TA75S01F(TE85RF)	T	139.3/125.7
IC25	1130008561	S.IC TC75S51F(TE85LF)	B	29.0/16.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.8/70.0
IC27	1180002010	S.REG BA08FP-E2	T	115.4/84.1
IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85RF)	T	12.0/123.1
IC30	1180003320	S.REG NJM2830U1-05-TE1-#ZZZB	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.2/45.2
IC32	1130017800	S.IC EN25Q40A-104GIP	B	8.9/36.1
IC34	1110005340	S.IC NJM12902V-TE1-#ZZZB	B	12.3/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.3
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4
IC37	1120002830	S.IC NJM2125F-TE1-#FZZB	T	56.7/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180004630	S.REG NJM7805DL1A-TE1-#FZZB	T	101.2/25.8
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2
IC41	1180003500	S.REG NJM7808DL1A-TE1-#FZZB	B	130.8/16.7
IC42	1140015750	S.IC TLV320AIC3254IRHBR	B	38.4/59.8
IC43	1180003790	S.REG XC6204B182MR-G	T	75.7/20.4
IC44	1180003790	S.REG XC6204B182MR-G	T	70.6/20.4
IC45	1130011741	S.IC TC7W66FK(TE85LF)	B	114.5/60.2
IC46	1130011741	S.IC TC7W66FK(TE85LF)	B	23.8/87.3
Q1	1590004190	S.TRA DRA9144E0L	B	53.4/79.7
Q2	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	36.3/77.8
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Eqv.	1560001840	S.FET 2SK3107-T1-AT		
Eqv.	1560001860	S.FET 2SK1824-T1-A		
Q4	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	89.5/42.8
Q5	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	38.7/106.6
Q6	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	34.1/101.1
Q7	1530002601	S.TRA 2SC4215-O(TE85RF)	B	73.0/92.5
Q8	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	94.4/47.5
Q10	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	89.8/46.2
Q11	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	34.1/104.2
Q12	1590004190	S.TRA DRA9144E0L	B	65.6/101.6
Q13	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	89.8/49.3
Q14	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	34.1/107.3
Q15	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	93.7/44.6
Q16	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	38.7/103.6
Q19	1530002601	S.TRA 2SC4215-O(TE85RF)	B	63.2/106.9
Q20	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	38.8/123.1
Q21	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	39.6/114.5
Q22	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	94.6/64.3
Q23	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	95.2/55.4
Q24	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	100.5/58.6
Q25	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	44.9/116.2
Q26	1590004500	S.TRA DMC561040R	B	40.5/117.8
Q27	1590004500	S.TRA DMC561040R	B	96.0/59.6
Q28	1590004330	S.TRA DRC9114E0L	B	93.3/59.6
Q29	1590004350	S.TRA DRC9114E0L	T	57.2/41.9
Q30	1590004330	S.TRA DRC9114E0L	B	37.8/117.8
Q31	1590004190	S.TRA DRA9144E0L	T	57.2/39.8
Q32	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	46.5/109.1
Q33	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	102.1/53.4
Q34	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	46.2/123.1
Q35	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85LF)	B	47.3/136.1
Q37	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	132.5/84.6
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
Q39	1560000841	S.FET 2SK1829(TE85RF)	B	53.2/140.8
Q40	1590004590	S.TRA DMC506010R	T	101.7/87.4
Q41	1520001010	S.TRA 2SB1132G-R-AB3-R	T	101.7/82.8
Q42	1590004350	S.TRA DRC9144E0L	T	13.3/67.6
Q43	1590004350	S.TRA DRC9144E0L	T	138.8/123.0
Q44	1590004150	S.TRA DRC9114T0L	T	122.9/79.2
Q45	1540000830	S.TRA 2SD1664G-Q-AB3-R	T	117.1/76.3
Q46	1530002851	S.TRA 2SC4116-BL(TE85RF)	T	137.5/120.4
Q48	1510000920	S.TRA 2SA1577 T106 Q	T	101.5/77.8
Q49	1590004350	S.TRA DRC9144E0L	T	102.3/73.7
Q52	1590004350	S.TRA DRC9144E0L	T	10.9/131.7
Q53	1590004350	S.TRA DRC9144E0L	T	10.9/129.7
Q56	1590004710	S.FET TPC6111(TE85LF)	T	7.7/132.7
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590004350	S.TRA DRC9144E0L	T	130.3/102.1
Q59	1590000990	S.TRA DTC363EK T146	T	7.7/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85RF)	T	6.8/118.5
Q62	1530004210	S.TRA DSC7004S0L	T	118.5/18.6
Q63	1560000990	S.FET PMBFJ310	B	66.3/110.0
Q64	1560000990	S.FET PMBFJ310	B	63.3/110.0
Q65	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	59.6/123.7
Q66	1590004350	S.TRA DRC9144E0L	B	95.0/4.8
Q67	1590004350	S.TRA DRC9144E0L	B	125.0/4.7
Q68	1590004350	S.TRA DRC9144E0L	B	110.0/4.7
Q69	1590004350	S.TRA DRC9144E0L	T	9.5/53.3
Q70	1590004190	S.TRA DRA9144E0L	T	9.5/51.0
Q72	1590004330	S.TRA DRC9114E0L	B	117.1/59.7
Q73	1590004330	S.TRA DRC9114E0L	T	32.9/73.5
Q74	1590004330	S.TRA DRC9114E0L	T	34.9/73.5
Q75	1590004330	S.TRA DRC9114E0L	B	119.1/58.7
D1	1750001070	S.DIO DAN235ETL	B	57.3/78.6
Eqv.	1750002470	S.DIO KDS112E-RTK/P		
D2	1750001070	S.DIO DAN235ETL	B	50.0/79.7
Eqv.	1750002470	S.DIO KDS112E-RTK/P		
D3	1790001622	S.DIO 1SV308L3F	B	70.4/93.4
D4	1790001622	S.DIO 1SV308L3F	B	67.8/93.4
D7	1750003280	S.VAR SMV1145-079LF	B	30.8/122.3
D8	1750003280	S.VAR SMV1145-079LF	B	30.6/112.7
D9	1750003280	S.VAR SMV1145-079LF	B	85.6/63.5
D10	1750003280	S.VAR SMV1145-079LF	B	85.7/53.3
D11	1790001622	S.DIO 1SV308L3F	B	63.5/103.1
D12	1790001622	S.DIO 1SV308L3F	B	62.7/101.1
D13	1750001771	S.VAR 1SV323H3F	B	87.3/66.8
D14	1750001771	S.VAR 1SV323H3F	B	87.1/55.4
D15	1750001771	S.VAR 1SV323H3F	B	32.6/125.4
D16	1750001771	S.VAR 1SV323H3F	B	32.0/114.5
D17	1720000631	S.VAR 1SV285(TPH3F)	B	94.6/66.6
D18	1720000631	S.VAR 1SV285(TPH3F)	B	91.4/57.7
D19	1750001850	S.DIO LDAN222T1G	T	59.6/39.8
D20	1750002210	S.DIO DA2S00100L	T	39.0/58.0
D21	1720000702	S.VAR 1SV305H3F	B	66.1/135.8
D22	1720000702	S.VAR 1SV305H3F	B	62.9/135.8
D24	1720000702	S.VAR 1SV305H3F	B	56.1/135.9
D27	1750002020	S.DIO DA2S10100L	B	57.2/140.4
D28	1720000702	S.VAR 1SV305H3F	B	36.0/134.4
D32	1720000702	S.VAR 1SV305H3F	B	32.4/136.6
D33	1790001622	S.DIO 1SV308L3F	B	37.8/144.2
D34	1790001622	S.DIO 1SV308L3F	B	85.5/137.8
D38	1750002190	S.DIO JDP2S12CR(TE85LQ)	B	87.8/135.7
D40	1750000370	S.DIO DA221 TL	T	112.7/77.0
D44	1750002190	S.DIO JDP2S12CR(TE85LQ)	B	92.0/125.8
D45	1790001670	S.DIO RB706F-40T106	B	96.3/138.1
D46	1750001850	S.DIO LDAN222T1G	T	13.3/131.2
D47	1750001850	S.DIO LDAN222T1G	T	13.3/129.2
D48	1790001670	S.DIO RB706F-40T106	B	118.5/144.5
D49	1790001670	S.DIO RB706F-40T106	B	140.9/133.1
D51	1750002020	S.DIO DA2S10100L	T	10.6/127.1
D53	1790001810	S.VAR AVR-M1005C080MTABB	T	32.5/11.5
D55	1790001810	S.VAR AVR-M1005C080MTABB	T	30.5/11.5
D56	1790001810	S.VAR AVR-M1005C080MTABB	B	34.1/21.1
D59	1790000700	DIO DSA3A1		
D61	1160000070	S.DIO DAN202K T146	T	118.5/14.3
Eqv.	1750000021	S.DIO 1SS184(TE85RF)		
Eqv.	1750002420	S.DIO LDAN202KLT1G		
D62	1750000431	S.DIO HSB88WSTR-E	B	68.3/123.3
D63	1750002020	S.DIO DA2S10100L	B	34.5/19.8
D64	1750000370	S.DIO DA221 TL	T	63.2/93.9
D65	1750000370	S.DIO DA221 TL	T	65.2/93.9
D66	1750000370	S.DIO DA221 TL	T	67.2/93.9
D67	1750000370	S.DIO DA221 TL	T	62.0/105.7
D68	1750000370	S.DIO DA221 TL	T	60.0/105.1
D69	1750000370	S.DIO DA221 TL	T	69.2/93.9
D70	1750000370	S.DIO DA221 TL	T	71.2/93.9
D71	1750000370	S.DIO DA221 TL	T	69.4/109.5
D72	1750000370	S.DIO DA221 TL	T	71.5/109.5

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
D73	1750000370	S.DIO DA221 TL	T	74.4/109.6
D74	1750000370	S.DIO DA221 TL	T	76.4/109.6
D75	1750002020	S.DIO DA2S10100L	B	41.1/38.7
D76	1750002020	S.DIO DA2S10100L	B	26.5/41.3
D77	1750002020	S.DIO DA2S10100L	B	49.2/29.9
D78	1750002130	S.ZEN DZ2J062M0L	B	52.3/21.9
D81	1750002020	S.DIO DA2S10100L	T	141.8/123.7
F11	2020001520	CER CFWLA450KFFA-B0 (CFWS450F)		
F12	2020002510	CER LTW450HT		
F13	2030000500	S.MON DSF753SBF 46.35 MHz (FL-401)	B	72.0/101.1
F14	2030000670	S.MON DSF753SBF 46.35 MHz (FL-420)	B	63.6/91.2
F15	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/110.3
F16	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/113.5
F17	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/116.6
X1	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	130.3/44.9
X2	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	39.8/71.3
X3	6070000300	S.DIS JTBM450CX24	B	63.5/83.5
X4	6050012932	S.XTA CR-886B DSA321SDN 12.288 MHz	B	52.9/38.3
X5	6050012680	S.XTA CR-858(SMD-49/18.432 MHz)	T	46.9/52.8
L1	6200004660	S.COI MLF1608A 1R8K-T	T	118.6/36.7
L2	6200004660	S.COI MLF1608A 1R8K-T	B	23.7/82.4
L3	6200004480	S.COI MLF1608D R82K-T	B	41.4/79.4
L4	6200003540	S.COI MLF1608D R22K-T	B	39.5/76.7
L5	6200005691	S.COI ELJRE 18NGFA	B	102.3/48.8
L6	6200005691	S.COI ELJRE 18NGFA	B	46.7/102.2
L8	6200004741	S.COI NLV25T-1R2J-PF	B	28.5/121.7
L9	6200004741	S.COI NLV25T-1R2J-PF	B	28.5/124.9
L10	6200004741	S.COI NLV25T-1R2J-PF	B	28.5/114.1
L11	6200004741	S.COI NLV25T-1R2J-PF	B	83.7/63.1
L12	6200004741	S.COI NLV25T-1R2J-PF	B	83.7/54.6
L13	6200004741	S.COI NLV25T-1R2J-PF	B	30.6/117.2
L14	6200004741	S.COI NLV25T-1R2J-PF	B	84.2/66.2
L15	6200004741	S.COI NLV25T-1R2J-PF	B	84.2/57.7
L18	6200009260	S.COI C3328A-5N0J-A	B	88.7/63.1
L19	6200009260	S.COI C3328A-5N0J-A	B	89.8/54.0
L20	6200009390	S.COI C3328A-8N0J-A	B	33.2/121.7
L21	6200009390	S.COI C3328A-8N0J-A	B	34.7/113.1
L22	6200003550	S.COI MLF1608A 4R7K-T	B	73.4/109.9
L23	6200002861	S.COI NLV25T-4R7J-PF	B	57.6/108.9
L24	6200010740	S.COI C2520C-R27G-A	B	70.0/109.1
L25	6200004741	S.COI NLV25T-1R2J-PF	B	97.1/64.6
L26	6200004741	S.COI NLV25T-1R2J-PF	B	98.1/53.9
L27	6130002961	S.COI #617DB-1327=P3	B	68.3/117.0
L28	6200005711	S.COI ELJRE 27NGFA	B	62.3/123.6
L29	6200005721	S.COI ELJRE 33NGFA	B	102.6/58.6
L30	6200005721	S.COI ELJRE 33NGFA	B	46.9/116.2
L31	6200002861	S.COI NLV25T-4R7J-PF	T	91.1/20.0
L32	6130002961	S.COI #617DB-1327=P3	B	68.3/128.7
L33	6200005731	S.COI ELJRE 39NGFA	B	47.3/107.1
L34	6200005711	S.COI ELJRE 27NGFA	B	61.1/117.5
L35	6200005731	S.COI ELJRE 39NGFA	B	102.7/51.6
L36	6200005711	S.COI ELJRE 27NGFA	B	44.3/123.1
L37	6200005711	S.COI ELJRE 27NGFA	B	61.1/120.1
L38	6200005711	S.COI ELJRE 27NGFA	B	100.0/64.4
L39	6200009320	S.COI C3328A-12NG-A	B	70.8/137.3
L40	6200009320	S.COI C3328A-12NG-A	B	59.5/135.7
L41	6200009320	S.COI C3328A-12NG-A	B	51.4/136.3
L42	6200005711	S.COI ELJRE 27NGFA	B	134.8/83.9
L43	6200005711	S.COI ELJRE 27NGFA	B	142.0/87.2
L44	6200010290	S.COI C6328A-22NG-A	B	41.9/136.3
L45	6200005641	S.COI ELJRE 6N8ZFA	B	142.7/92.7
L46	6200005691	S.COI ELJRE 18NGFA	[#07] B	142.0/94.6
	6200005691	S.COI ELJRE 18NGFA	[#14]	
	6200005691	S.COI ELJRE 18NGFA	[#15]	
	6200005691	S.COI ELJRE 18NGFA	[#16]	
	6200005671	S.COI ELJRE 12NGFA	[#23]	
	6200005671	S.COI ELJRE 12NGFA	[#35]	
	6200005691	S.COI ELJRE 18NGFA	[#36]	
	6200005671	S.COI ELJRE 12NGFA	[#37]	
	6200005671	S.COI ELJRE 12NGFA	[#82]	
L47	6200010290	S.COI C6328A-22NG-A	B	34.8/140.3
L48	6200010100	S.COI C2012C-33NG-A	B	39.8/142.2
L49	6200010040	S.COI AS100340-10N-A	B	95.5/119.7
L50	6200005691	S.COI ELJRE 18NGFA	B	88.1/137.7
L52	6200010420	S.COI FHW1210HC 1R0JGT	B	86.6/122.4
L53	6200010150	S.COI AS080340-15N	B	92.5/134.4

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
L54	6200010150	S.COI AS080340-15N	B	99.8/133.9
L55	6200010150	S.COI AS080340-15N	B	107.6/135.9
L56	6200010150	S.COI AS080340-15N	B	114.4/139.0
L57	6200010150	S.COI AS080340-15N	B	144.7/142.1
L58	6200002861	S.COI NLV25T-4R7J-PF	T	55.4/37.5
L59	6200010420	S.COI FHW1210HC 1R0JGT	B	147.2/146.2
L60	6200010420	S.COI FHW1210HC 1R0JGT	B	24.5/145.0
L61	6200002961	S.COI NLV32T-4R7J-PF	T	118.5/23.8
L65	6200004741	S.COI NLV25T-1R2J-PF	B	41.3/123.3
L66	6200004741	S.COI NLV25T-1R2J-PF	B	42.8/113.5
L70	6200009320	S.COI C3328A-12NG-A	T	28.5/141.5
R1	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	54.5/63.5
R2	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	59.0/61.8
R3	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	62.4/69.6
R4	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	57.3/80.1
R6	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	9.5/57.1
R7	7030010040	S.RES ERJ2GEJ-JPW	T	61.6/66.3
R8	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	24.9/70.4
R9	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	25.8/70.4
R10	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	26.7/70.4
R12	7510001730	S.THE ERTJ0EP 473J	B	132.5/47.4
R13	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	130.8/47.4
R15	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	54.6/78.3
R17	7030004980	S.RES ERJ2GEJ 101 X (100)	T	19.8/68.9
R18	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	55.4/79.2
R20	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	56.2/63.5
R22	7410001130	S.ARR EXB28V102JX	B	123.2/39.0
R23	7410001130	S.ARR EXB28V102JX	B	27.7/78.4
R25	7030004970	S.RES ERJ2GEJ 470 X (47K)	B	65.3/79.4
R26	7030010040	S.RES ERJ2GEJ-JPW	T	57.9/64.5
R27	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	57.9/51.0
R29	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	37.5/74.8
R30	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	52.8/81.2
R32	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	51.6/78.0
R33	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	48.5/78.2
R34	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	27.1/68.1
R35	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	28.0/68.1
R36	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	28.9/68.1
R38	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	27.7/70.4
R39	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	28.6/70.4
R40	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	29.5/70.4
R41	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	68.2/78.2
R42	7030007060	S.RES ERJ2GEJ 684X (680K)	B	38.0/76.0
R44	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	71.4/78.2
R45	7030004980	S.RES ERJ2GEJ 101 X (100)	B	64.6/75.5
R46	7030005000	S.RES ERJ2GEJ 471 X (470)	T	52.7/57.1
R47	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	64.6/76.4
R48	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	62.8/76.4
R49	7030010040	S.RES ERJ2GEJ-JPW	T	55.2/57.0
R52	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/56.0
R53	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	16.8/57.7
R54	7030005000	S.RES ERJ2GEJ 471 X (470)	T	19.5/64.3
R56	7030010040	S.RES ERJ2GEJ-JPW	T	118.3/44.2
R57	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	62.8/75.5
R58	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	56.5/49.0
R59	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	57.4/49.0
R60	7030010040	S.RES ERJ2GEJ-JPW	B	35.7/73.2
R62	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	18.5/62.5
R63	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	55.5/60.1
R65	7030010040	S.RES ERJ2GEJ-JPW	B	126.4/46.9
R66	7030004980	S.RES ERJ2GEJ 101 X (100)	B	56.5/50.6
R68	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	67.5/86.8
R69	7030011910	S.RES ERJ2GEJ 106 X (10M)	B	20.8/86.3
R72	7030004980	S.RES ERJ2GEJ 101 X (100)	B	57.6/44.2
R75	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	45.1/70.8
R76	7030010040	S.RES ERJ2GEJ-JPW	B	91.3/42.3
R77	7030005580	S.RES ERJ2GEJ 560 X (56)	B	102.3/46.8
R78	7030010040	S.RES ERJ2GEJ-JPW	B	35.9/101.0
R79	7030005580	S.RES ERJ2GEJ 560 X (56)	B	44.7/99.8
R80	7030004970	S.RES ERJ2GEJ 470 X (47K)	B	41.9/56.5
R81	7030007250	S.RES ERJ2GEJ 220 X (22)	B	49.9/50.5
R82	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	56.0/44.2
R84	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	97.2/45.4
R85	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	42.3/104.8
R87	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	73.8/81.2
R88	7030005530	S.RES ERJ2GEJ 100 X (10)	B	44.2/70.8
R89	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	67.2/83.2
R90	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	T	53.0/72.2
R91	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	96.3/45.4
R92	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	88.5/41.1
R93	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	40.5/104.8
R94	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	32.6/99.5
R97	7410001170	S.ARR EXB28V470JX	B	42.9/49.9
R98	7030005530	S.RES ERJ2GEJ 100 X (10)	B	70.7/90.4
R99	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	70.7/91.3

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R100	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	69.1/92.3
R101	7030004980	S.RES ERJ2GEJ 101 X (100)	B	87.9/45.7
R102	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.9/104.8
R103	7030004980	S.RES ERJ2GEJ 101 X (100)	B	32.3/103.7
R104	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	87.9/47.4
R105	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	36.5/105.8
R106	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	32.3/105.4
R107	7030004980	S.RES ERJ2GEJ 101 X (100)	B	91.9/45.5
R108	7030005810	S.RES RR0510P-152-D (1.5K)	B	91.6/43.6
R109	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	65.7/100.1
R110	7030005810	S.RES RR0510P-152-D (1.5K)	B	36.1/103.1
R111	7030011910	S.RES ERJ2GEJ 106 X (10M)	B	26.6/87.8
R112	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	87.9/49.1
R113	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.3/107.1
R114	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	69.4/94.8
R115	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	66.8/96.2
R116	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	92.1/48.8
R117	7030011920	S.RES RR0510P-561-D (560)	B	91.7/47.6
R118	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.8/94.8
R119	7030007270	S.RES ERJ2GEJ 151 X (150)	B	67.2/90.0
R120	7030011920	S.RES RR0510P-561-D (560)	B	36.0/106.4
R121	7030009280	S.RES ERJ2GEJ 391 X	B	28.0/108.1
R122	7030004970	S.RES ERJ2GEJ 470 X (47K)	B	56.7/33.9
R123	7030004970	S.RES ERJ2GEJ 470 X (47K)	B	49.5/38.5
R124	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.3/38.3
R125	7030009280	S.RES ERJ2GEJ 391 X	B	83.4/49.9
R126	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	95.5/43.5
R127	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	61.2/51.0
R128	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	40.5/103.1
R129	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.3/35.1
R130	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	56.2/36.7
R131	7030004980	S.RES ERJ2GEJ 101 X (100)	B	54.3/32.5
R132	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	50.8/34.9
R133	7030007280	S.RES ERJ2GEJ 331 X (330)	B	67.6/104.4
R134	7030007270	S.RES ERJ2GEJ 151 X (150)	B	62.7/97.1
R136	7030011910	S.RES ERJ2GEJ 106 X (10M)	B	114.2/62.8
R137	7030011910	S.RES ERJ2GEJ 106 X (10M)	B	115.2/57.3
R140	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	63.8/101.1
R142	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	65.7/103.1
R143	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	48.6/38.5
R144	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	48.6/36.9
R145	7030004970	S.RES ERJ2GEJ 470 X (47K)	B	47.7/36.9
R146	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	98.7/47.2
R147	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	99.6/47.2
R148	7030004980	S.RES ERJ2GEJ 101 X (100)	B	59.3/106.8
R149	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	98.4/48.8
R150	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	91.5/66.6
R151	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	88.9/58.2
R152	7030005070	S.RES ERJ2GEJ 683 X (6.8K)	B	65.2/107.0
R153	7030005000	S.RES ERJ2GEJ 471 X (470)	B	61.4/104.4
R154	7030006020	S.RES RR0510P-682-D (6.8K)	B	36.8/121.9
R155	7030006020	S.RES RR0510P-682-D (6.8K)	B	36.5/120.7
R156	7030006020	S.RES RR0510P-682-D (6.8K)	B	37.4/112.2
R157	7030005530	S.RES ERJ2GEJ 100 X (10)	B	92.4/66.6
R158	7030005530	S.RES ERJ2GEJ 100 X (10)	B	88.9/57.2
R159	7030005530	S.RES ERJ2GEJ 100 X (10)	B	65.2/106.1
R160	7030010040	S.RES ERJ2GEJ-JPW	B	36.8/123.7
R161	7030006020	S.RES RR0510P-682-D (6.8K)	B	37.6/113.5
R162	7030010040	S.RES ERJ2GEJ-JPW	B	37.6/115.0
R163	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.4/62.0
R164	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.7/52.9
R165	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	92.4/65.2
R166	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	93.1/56.3
R167	7030007250	S.RES ERJ2GEJ 220 X (22)	B	58.3/111.1
R168	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.4/63.4
R169	7030006020	S.RES RR0510P-682-D (6.8K)	B	93.1/54.5
R171	7030011170	S.RES RR0510P-471-D (470)	B	41.0/120.7
R172	7030009820	S.RES RR0510P-681-D (680)	B	97.0/62.0
R173	7030009820	S.RES RR0510P-681-D (680)	B	97.0/56.5
R174	7030009820	S.RES RR0510P-681-D (680)	B	41.4/115.7
R175	7030005530	S.RES ERJ2GEJ 100 X (10)	B	73.6/108.8
R176	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	100.5/56.8
R177	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	44.9/114.4
R178	7030004980	S.RES ERJ2GEJ 101 X (100)	B	100.5/55.9
R179	7030004980	S.RES ERJ2GEJ 101 X (100)	B	44.9/113.5
R180	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	38.1/108.5
R181	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	96.5/47.6
R182	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	68.5/107.0
R185	7030010040	S.RES ERJ2GEJ-JPW	B	62.3/117.5
R186	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	39.2/50.8
R187	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	41.5/56.1
R188	7410001150	S.ARR EXB28V471JX	T	48.6/41.1
R189	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	55.7/39.6
R190	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	43.3/56.1
R191	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	44.0/109.1
R192	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	44.9/109.1
R194	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	100.5/51.7

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R195	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	100.5/53.4
R196	7030007260	S.RES ERJ2GEJ 330 X (33)	B	48.0/120.7
R197	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	40.5/50.6
R198	7030007260	S.RES ERJ2GEJ 330 X (33)	B	103.7/62.0
R199	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	67.6/57.5
R200	7030004980	S.RES ERJ2GEJ 101 X (100)	B	43.1/122.6
R201	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	48.0/122.6
R202	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	41.4/48.6
R204	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	54.8/39.6
R205	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	34.5/57.9
R207	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	103.7/64.0
R208	7030010040	S.RES ERJ2GEJ-JPW	B	46.2/120.7
R209	7030005000	S.RES ERJ2GEJ 471 X (470)	T	67.6/56.0
R212	7410001140	S.ARR EXB28V104JX	T	52.5/41.1
R213	7030005530	S.RES ERJ2GEJ 100 X (10)	T	41.4/47.7
R214	7030004980	S.RES ERJ2GEJ 101 X (100)	B	98.9/64.0
R215	7030010040	S.RES ERJ2GEJ-JPW	B	100.9/62.0
R216	7410001140	S.ARR EXB28V104JX	T	17.5/52.3
R217	7410001140	S.ARR EXB28V104JX	T	38.6/56.2
R218	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	65.0/137.9
R220	7410001140	S.ARR EXB28V104JX	T	15.2/50.7
R222	7410001140	S.ARR EXB28V104JX	T	36.1/56.0
R223	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	64.0/136.3
R224	7410001150	S.ARR EXB28V471JX	T	30.5/53.1
R225	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	64.0/137.9
R226	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	57.2/136.1
R227	7410001150	S.ARR EXB28V471JX	T	42.9/28.9
R230	7410001150	S.ARR EXB28V471JX	T	28.7/50.9
R231	7030008280	S.RES ERJ2GEJ 271 X (270)	B	55.0/138.0
R232	7410001150	S.ARR EXB28V471JX	T	26.0/49.4
R233	7030005530	S.RES ERJ2GEJ 100 X (10)	B	54.1/136.1
R234	7410001150	S.ARR EXB28V471JX	T	43.6/25.6
R235	7410001150	S.ARR EXB28V471JX	T	24.2/47.6
R236	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	133.2/82.8
R237	7030004970	S.RES ERJ2GEJ 470 X (47)	B	48.4/138.3
R238	7410001150	S.ARR EXB28V471JX	T	45.8/29.0
R239	7410001150	S.ARR EXB28V471JX	T	22.5/45.8
R240	7030004980	S.RES ERJ2GEJ 101 X (100)	B	135.8/84.5
R241	7030005710	S.RES ERJ2GEJ 121 X (120)	B	48.4/133.8
R242	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	47.4/138.3
R243	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.4/138.3
R244	7410001150	S.ARR EXB28V471JX	T	39.7/25.6
R245	7410001150	S.ARR EXB28V471JX	T	20.3/42.5
R246	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	44.4/136.1
R247	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	47.4/140.4
R248	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	137.4/85.8
R253	7030004970	S.RES ERJ2GEJ 470 X (47)	B	138.9/85.4
R255	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	51.4/140.4
R257	7410001140	S.ARR EXB28V104JX	T	14.5/45.7
R258	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	58.3/140.4
R259	7030005170	S.RES ERJ2GEJ 474 X (470K)	B	56.1/140.4
R260	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	144.6/121.4
R261	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	52.6/25.3
R262	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	52.1/22.8
R263	7410001140	S.ARR EXB28V104JX	B	42.9/19.0
R264	7410001140	S.ARR EXB28V104JX	T	50.3/24.0
R265	7030007280	S.RES ERJ2GEJ 331 X (330)	T	143.0/121.4
R266	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	34.6/133.6
R267	7410001140	S.ARR EXB28V104JX	T	14.8/43.1
R268	7410001150	S.ARR EXB28V471JX	T	45.9/31.9
R269	7030007270	S.RES ERJ2GEJ 151 X (150)	B	140.9/94.1
R270	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.7/134.1
R271	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	23.8/26.7
R272	7410001150	S.ARR EXB28V471JX	T	17.9/32.3
R273	7410001150	S.ARR EXB28V471JX	T	17.9/35.1
R274	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	31.6/134.1
R277	7030004980	S.RES ERJ2GEJ 101 X (100)	T	143.4/126.6
R278	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	14.0/65.6
R279	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	103.7/88.5
R280	7030004990	S.RES ERJ2GEJ 221 X (220)	T	138.4/128.2
R281	7410001150	S.ARR EXB28V471JX	T	21.3/31.8
R282	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	37.9/20.4
R283	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	141.6/126.6
R285	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	101.7/79.6
R287	7410001140	S.ARR EXB28V104JX	T	49.7/27.7
R288	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	136.9/124.7
R289	7030006070	S.RES ERJ12Y101U (100)	B	87.0/117.6
R290	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	137.3/122.6
R291	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	140.6/123.1
R292	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	139.4/128.2
R295	7030006610	S.RES ERJ2GEJ 394 X (390K)	T	136.4/122.6
R296	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	121.9/77.2
R297	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	122.9/77.2
R298	7030000440	S.RES MCR10EZJH 3.3K (332)	T	120.5/77.3
R299	7030004980	S.RES ERJ2GEJ 101 X (100)	B	29.1/19.4
R300	7030005530	S.RES ERJ2GEJ 100 X (10)	T	47.6/73.1
R301	7030008300	S.RES ERJ2GEJ 184 X (180K)	B	85.8/131.0

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R303	7410001150	S.ARR EXB28V471JX	T	47.7/68.4
R304	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	95.4/136.0
R306	7520000261	S.POS PRF18BB471QBSRB	B	87.3/130.2
R308	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	140.8/128.3
			[#07]	
			[#14]	
			[#15]	
			[#16]	
			[#23]	
			[#35]	
			[#36]	
			[#37]	
			[#82]	
R309	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	102.3/75.7
R313	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	103.5/77.8
R315	7030005700	S.RES ERJ2GEJ 274 X (270K)	B	98.6/137.4
R316	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	11.2/128.2
R320	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	15.1/124.2
R321	7030003320	S.RES ERJ3GEVJ 101 V (100)	B	119.6/142.2
R322	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	119.7/146.3
R324	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	31.3/12.0
R325	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.3/12.0
R326	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	13.2/125.8
R327	7030001090	S.RES MCR50JZHJ 47 (470)	B	119.0/130.6
R328	7030000260	S.RES MCR10EZJH 100 (101)	B	139.3/144.4
R331	7030004980	S.RES ERJ2GEJ 101 X (100)	T	12.0/120.0
R332	7030003320	S.RES ERJ3GEVJ 101 V (100)	B	139.5/135.1
R333	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	139.4/131.4
R334	7030005651	S.RES ERA3YKD 304V (300K)	T	57.8/30.5
R335	7030005871	S.RES ERA3YKD 104V (100K)	T	55.9/29.8
R336	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	12.0/120.9
R337	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	13.2/120.6
R339	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	12.0/125.3
R341	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	33.3/12.0
R342	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	45.3/56.9
R346	7410001150	S.ARR EXB28V471JX	T	43.6/73.8
R347	7030005240	S.RES ERJ2GEJ 472 X (4.7K)	T	9.9/132.9
R348	7030000620	S.RES MCR10EZJH 100 K (104)	B	147.3/150.9
R349	7030000620	S.RES MCR10EZJH 100 K (104)	B	26.0/149.7
R350	7030003560	S.RES ERJ3GEVJ 103 V (10K)	B	6.4/131.1
R352	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	10.8/125.6
R353	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.8/56.9
R354	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	125.2/103.7
R355	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	129.2/103.7
R356	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	10.8/133.9
R357	7030003560	S.RES ERJ3GEVJ 103 V (10K)	B	10.2/150.2
R362	7540000290	ABS ERZV10D220		
R364	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	65.1/71.2
R365	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	7.5/120.7
R366	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	6.3/122.7
R367	7030004980	S.RES ERJ2GEJ 101 X (100)	T	9.8/117.3
R368	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	8.6/117.8
R369	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	9.8/118.2
R370	7030008280	S.RES ERJ2GEJ 271 X (270)	T	6.2/120.7
R371	7030010040	S.RES ERJ2GEJ-JPW	T	5.1/117.3
R372	7030005000	S.RES ERJ2GEJ 471 X (470)	T	115.3/15.8
R373	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	115.3/14.0
R374	7030000140	S.RES MCR10EZJH 10 (100)	T	111.2/12.3
R375	7030010040	S.RES ERJ2GEJ-JPW	T	100.1/16.3
R376	7030004280	S.RES ERJ2GEJ 101 X (100)	B	62.3/122.8
R377	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	62.3/124.7
R378	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	63.2/126.1
R379	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	59.6/126.1
R380	7030007260	S.RES ERJ2GEJ 330 X (33)	B	57.8/123.7
R381	7030004980	S.RES ERJ2GEJ 101 X (100)	B	61.4/126.1
R424	7410001150	S.ARR EXB28V471JX	T	46.3/42.9
R425	7410001150	S.ARR EXB28V471JX	T	36.9/23.0
R426	7410001150	S.ARR EXB28V471JX	T	47.9/33.9
R427	7030005000	S.RES ERJ2GEJ 471 X (470)	T	25.5/26.7
R428	7410001140	S.ARR EXB28V104JX	T	47.9/22.4
R429	7410001140	S.ARR EXB28V104JX	T	49.8/30.2
R430	7410001140	S.ARR EXB28V104JX	T	52.4/43.7
R431	7410001150	S.ARR EXB28V471JX	T	17.9/40.3
R432	7410001140	S.ARR EXB28V104JX	T	15.2/48.2
R433	7410001150	S.ARR EXB28V471JX	T	40.0/22.7
R434	7410000750	S.ARR EXB-V4V 104JV (100K)	B	36.8/48.3
R435	7410001140	S.ARR EXB28V104JX	B	39.2/47.6
R436	7410001140	S.ARR EXB28V104JX	B	44.4/41.2
R438	7410001140	S.ARR EXB28V104JX	B	34.5/47.8
R443	7030005000	S.RES ERJ2GEJ 471 X (470)	T	60.4/59.2
R444	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/33.6
R445	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/36.1
R446	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/37.4
R448	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	49.8/19.2
R449	7030005170	S.RES ERJ2GEJ 474 X (470K)	T	39.5/19.3
R450	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	50.2/17.1
R452	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	51.0/19.0
R454	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	95.0/2.8

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R455	7030005010	S.RES ERJ2GEJ 681 X (680)	B	125.0/2.8
R456	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	110.0/2.8
R467	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	37.7/44.6
R468	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	26.3/44.6
R469	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	32.6/44.6
R470	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	10.9/20.2
R471	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	47.7/44.2
R472	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	4.8/36.1
R473	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.2/44.6
R474	7030005530	S.RES ERJ2GEJ 100 X (10)	B	15.6/55.4
R475	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	9.6/53.2
R476	7030008270	S.RES RR0510P-104-D (100K)	B	15.0/53.5
R477	7030005860	S.RES RR0510P-823-D (82K)	B	15.0/52.6
R478	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	9.2/54.8
R479	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	64.2/69.6
R480	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	15.3/63.9
R481	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	14.0/63.5
R482	7410001150	S.ARR EXB28V471JX	T	19.6/45.2
R483	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	31.3/56.5
R484	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	28.8/50.9
R485	7410001150	S.ARR EXB28V471JX	T	67.3/97.1
R486	7410001150	S.ARR EXB28V471JX	T	63.9/107.0
R487	7410001150	S.ARR EXB28V471JX	T	74.0/107.3
R488	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	T	9.5/54.9
R489	7030004980	S.RES ERJ2GEJ 101 X (100)	B	24.1/58.7
R490	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	28.3/58.4
R491	7030004980	S.RES ERJ2GEJ 101 X (100)	B	26.1/51.2
R492	7030005060	S.RES ERJ2GEJ 333 X (33K)	B	29.9/58.9
R493	7030010040	S.RES ERJ2GEJ-JPW	T	11.3/19.0
R494	7030005000	S.RES ERJ2GEJ 471 X (470)	T	73.8/99.0
R495	7030007060	S.RES ERJ2GEJ 684X (680K)	T	55.2/55.3
R496	7030010030	S.RES ERJ2RHD 9102X (91.0K)	T	52.7/56.2
R497	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	52.7/55.3
R498	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	61.4/103.1
R499	7030004980	S.RES ERJ2GEJ 101 X (100)	T	24.4/57.0
R500	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	21.2/57.5
R501	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	22.8/53.8
R502	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	28.0/55.0
R503	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	55.5/58.4
R505	7030010040	S.RES ERJ2GEJ-JPW	T	113.4/18.3
R506	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	113.4/19.3
R507	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	115.0/19.3
R508	7030010040	S.RES ERJ2GEJ-JPW	T	144.6/119.6
R509	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	33.3/15.2
R510	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	29.0/14.1
R511	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	29.1/18.5
R512	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.8/18.5
R513	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.3/90.4
R530	7030005060	S.RES ERJ2GEJ 333 X (33K)	T	62.5/66.3
R532	7030005000	S.RES ERJ2GEJ 471 X (470)	B	44.6/37.0
R533	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	57.2/18.4
R534	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	45.3/58.6
R535	7030004980	S.RES ERJ2GEJ 101 X (100)	B	55.8/55.3
R536	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	55.8/58.6
R537	7030010040	S.RES ERJ2GEJ-JPW	B	41.8/41.1
R539	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	64.2/71.2
R540	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	90.6/17.9
R541	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	28.9/55.0
R542	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	43.7/72.9
R543	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	46.0/70.8
R546	7030010040	S.RES ERJ2GEJ-JPW	B	141.9/91.0
R548	7030001070	S.RES MCR50JZHJ 33 (330)	T	87.0/33.3
R549	7030001070	S.RES MCR50JZHJ 33 (330)	T	87.0/30.2
R551	7030010040	S.RES ERJ2GEJ-JPW	B	15.5/60.5
R553	7030010040	S.RES ERJ2GEJ-JPW	B	15.9/59.3
R557	7030010040	S.RES ERJ2GEJ-JPW	B	10.3/62.6
R560	7030006610	S.RES ERJ2GEJ 394 X (390K) [#07]	T	140.8/130.2
	7030006610	S.RES ERJ2GEJ 394 X (390K) [#14]		
	7030006610	S.RES ERJ2GEJ 394 X (390K) [#15]		
	7030006610	S.RES ERJ2GEJ 394 X (390K) [#16]		
	7030005700	S.RES ERJ2GEJ 274 X (270K) [#23]		
	7030005700	S.RES ERJ2GEJ 274 X (270K) [#35]		
	7030006610	S.RES ERJ2GEJ 394 X (390K) [#36]		
	7030005700	S.RES ERJ2GEJ 274 X (270K) [#37]		
	7030005700	S.RES ERJ2GEJ 274 X (270K) [#82]		
R561	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	140.8/131.1
R562	7410001170	S.ARR EXB28V470JX	B	32.3/49.8
R563	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	42.1/62.4
R565	7030010040	S.RES ERJ2GEJ-JPW	B	15.3/62.2
R566	7030004990	S.RES ERJ2GEJ 221 X (220)	T	141.4/121.5
R600	7030010040	S.RES ERJ2GEJ-JPW	B	124.6/41.5
R601	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	124.6/42.4
R602	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	124.6/43.3
R603	7030010040	S.RES ERJ2GEJ-JPW	B	118.3/48.0
R604	7030010040	S.RES ERJ2GEJ-JPW	T	119.2/41.5
R605	7030010040	S.RES ERJ2GEJ-JPW	B	121.1/49.7
R606	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	90.2/40.7

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R607	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	92.3/41.2
R609	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	120.9/38.5
R610	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	126.0/45.6
R611	7030010040	S.RES ERJ2GEJ-JPW	B	31.0/78.3
R612	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	31.9/78.3
R613	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.8/78.3
R614	7030010040	S.RES ERJ2GEJ-JPW	B	37.5/84.2
R615	7030010040	S.RES ERJ2GEJ-JPW	T	32.4/81.0
R616	7030010040	S.RES ERJ2GEJ-JPW	B	39.3/81.5
R617	7030010040	S.RES ERJ2GEJ-JPW	T	33.3/84.5
R618	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	33.8/99.2
R619	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	35.4/99.2
R621	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	28.5/80.9
R622	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	35.3/72.0
R623	7030004970	S.RES ERJ2GEJ 470 X (47)	T	30.3/22.3
R624	7030004970	S.RES ERJ2GEJ 470 X (47)	T	30.3/23.2
R629	7030004970	S.RES ERJ2GEJ 470 X (47)	T	45.1/23.6
R632	7030004970	S.RES ERJ2GEJ 470 X (47)	T	44.1/22.7
R633	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	118.1/61.6
R634	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	117.2/61.6
R635	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	36.3/74.8
R636	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	33.5/75.1
R637	7030008370	S.RES ERJ2GEJ 561 X (560)	B	49.8/78.0
R638	7030005710	S.RES ERJ2GEJ 121 X (120)	B	18.8/37.5
C1	4030017420	S.CER C1005 CH 1H 470J-T	B	122.3/37.0
C2	4030017420	S.CER C1005 CH 1H 470J-T	B	25.8/79.3
C3	4030016930	S.CER C1005 JB 1A 104K-T	B	130.8/48.3
C4	4030017420	S.CER C1005 CH 1H 470J-T	B	126.9/37.1
C5	4030017420	S.CER C1005 CH 1H 470J-T	B	21.0/78.3
C6	4030016930	S.CER C1005 JB 1A 104K-T	B	52.5/78.0
C7	4030017420	S.CER C1005 CH 1H 470J-T	B	124.2/36.3
C8	4030017420	S.CER C1005 CH 1H 470J-T	B	21.0/79.2
C9	4030017460	S.CER C1005 JB 1H 102K-T	T	17.6/59.0
C10	4030016930	S.CER C1005 JB 1A 104K-T	B	55.8/78.0
C11	4030016930	S.CER C1005 JB 1A 104K-T	B	125.6/39.9
C12	4030016930	S.CER C1005 JB 1A 104K-T	B	21.0/77.4
C13	4030016930	S.CER C1005 JB 1A 104K-T	B	55.6/80.7
C14	4030017460	S.CER C1005 JB 1H 102K-T	T	16.1/59.9
C15	4030016930	S.CER C1005 JB 1A 104K-T	T	62.4/67.5
C16	4030017420	S.CER C1005 CH 1H 470J-T	T	56.2/64.5
C17	4030016930	S.CER C1005 JB 1A 104K-T	T	120.1/38.2
C18	4030017700	S.CER C1005 CH 1H 151J-T	T	62.4/71.2
C19	4030016930	S.CER C1005 JB 1A 104K-T	B	25.7/82.7
C20	4550006250	S.TAN TEESVA 1A 106M8R	T	123.9/39.5
Eqv.	4550007520	S.TAN F931A106MAABMA		
C21	4550006250	S.TAN TEESVA 1A 106M8R	B	19.8/82.1
Eqv.	4550007520	S.TAN F931A106MAABMA		
C22	4030016930	S.CER C1005 JB 1A 104K-T	B	50.7/78.0
C23	4030016930	S.CER C1005 JB 1A 104K-T	T	57.9/52.7
C24	4030016930	S.CER C1005 JB 1A 104K-T	B	50.3/81.2
C25	4030016930	S.CER C1005 JB 1A 104K-T	B	54.4/81.2
C26	4030017460	S.CER C1005 JB 1H 102K-T	T	121.0/38.2
C27	4030017460	S.CER C1005 JB 1H 102K-T	B	26.6/82.7
C28	4030016930	S.CER C1005 JB 1A 104K-T	B	53.4/78.0
C30	4030017460	S.CER C1005 JB 1H 102K-T	T	59.8/67.1
C31	4030016930	S.CER C1005 JB 1A 104K-T	T	60.6/53.1
C32	4030017590	S.CER C1005 CH 1H 070C-T	B	40.3/79.5
C33	4030016930	S.CER C1005 JB 1A 104K-T	T	58.9/67.1
C34	4030017570	S.CER C1005 CH 1H 040B-T	B	39.0/78.7
C35	4030016930	S.CER C1005 JB 1A 104K-T	B	40.9/76.9
C36	4030017500	S.CER C1005 CH 1H 560J-T	B	39.0/79.6
C37	4030016930	S.CER C1005 JB 1A 104K-T	B	48.5/79.8
C38	4030016930	S.CER C1005 JB 1A 104K-T	B	69.8/78.2
C39	403001360	S.CER C1005 JB 1H 030B-T	B	71.4/77.3
C40	4030017760	S.CER C1005 JB 1H 222K-T	B	68.2/77.3
C41	4030020450	S.CER C1005 JB 0J 475M-T	B	32.0/57.2
C42	4030017760	S.CER C1005 JB 1H 222K-T	B	68.2/76.4
C43	4030016930	S.CER C1005 JB 1A 104K-T	B	55.6/49.0
C44	4030018860	S.CER C1005 JB 0J 105K-T	B	33.9/57.2
C45	4030016950	S.CER C1005 JB 1A 473K-T	B	37.6/55.9
C46	4030018110	S.CER C1005 JB 1H 272K-T	B	66.4/78.2
C47	4030017460	S.CER C1005 JB 1H 102K-T	B	64.6/77.3
C48	4030016930	S.CER C1005 JB 1A 104K-T	T	52.7/54.4
C49	4030018860	S.CER C1005 JB 0J 105K-T	B	15.5/58.1
C50	4030016990	S.CER C1005 JB 1E 103K-T	B	133.6/45.1
C51	4030017620	S.CER C1005 CH 1H 100C-T	B	126.9/45.6
C52	4030017920	S.CER C1005 JB 1A 683K-T	B	117.4/40.4
C53	4030016930	S.CER C1005 JB 1A 104K-T	B	29.5/84.9
C54	4030017660	S.CER C1005 CH 1H 330J-T	B	35.4/75.8
C56	4030016950	S.CER C1005 JB 1A 473K-T	B	33.7/54.0
C58	4030017920	S.CER C1005 JB 1A 683K-T	B	28.6/84.9
C59	4030017460	S.CER C1005 JB 1H 102K-T	B	35.7/74.3
C60	4030017620	S.CER C1005 CH 1H 100C-T	B	36.2/72.0
C61	4030018900	S.CER C1005 JB 0J 474K-T	B	18.1/63.9
C63	4030016930	S.CER C1005 JB 1A 104K-T	T	55.5/61.7

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C66	4030017460	S.CER C1005 JB 1H 102K-T	B	125.1/47.3
C67	4030017460	S.CER C1005 JB 1H 102K-T	B	67.5/87.7
C70	4030017460	S.CER C1005 JB 1H 102K-T	B	64.3/79.4
C71	4030016930	S.CER C1005 JB 1A 104K-T	B	57.6/43.3
C73	4030016970	S.CER C1005 JB 1E 223K-T	B	98.1/45.4
C74	4030017780	S.CER C1005 JB 1H 472K-T	B	87.8/43.1
C75	4030016970	S.CER C1005 JB 1E 223K-T	B	41.4/104.8
C76	4030017780	S.CER C1005 JB 1H 472K-T	B	32.3/102.1
C77	4030016930	S.CER C1005 JB 1A 104K-T	T	53.9/57.7
C79	4030017630	S.CER C1005 CH 1H 120J-T	B	47.0/100.4
C80	4030017430	S.CER C1005 CH 1H 101J-T	B	102.3/45.9
C81	4030017430	S.CER C1005 CH 1H 101J-T	B	43.6/99.8
C82	4550006250	S.TAN TEESVA 1A 106M8R	B	61.1/79.2
Eqv.	4550007520	S.TAN F931A106MAABMA		
C83	4030017460	S.CER C1005 JB 1H 102K-T	B	71.8/86.8
C84	4030017420	S.CER C1005 CH 1H 470J-T	B	74.8/81.2
C85	4030017620	S.CER C1005 CH 1H 100C-T	B	56.0/43.3
C86	4030016930	S.CER C1005 JB 1A 104K-T	B	51.8/47.2
C87	4030018910	S.CER C1608 JB 0J 475K-T	B	54.3/48.4
C90	4030017680	S.CER C1005 CH 1H 820J-T	B	69.1/86.8
C91	4030016930	S.CER C1005 JB 1A 104K-T	T	60.7/66.3
C92	4030016790	S.CER C1005 JB 1E 103K-T	B	72.8/88.0
C93	4030017460	S.CER C1005 JB 1H 102K-T	B	70.0/88.0
C96	4030018910	S.CER C1608 JB 0J 475K-T	B	49.2/48.9
C97	4030016930	S.CER C1005 JB 1A 104K-T	B	57.4/50.6
C98	4030017460	S.CER C1005 JB 1H 102K-T	B	40.5/106.5
C99	4030017460	S.CER C1005 JB 1H 102K-T	B	44.6/72.0
C104	4030016790	S.CER C1005 JB 1E 103K-T	B	43.3/71.7
C105	4030017630	S.CER C1005 CH 1H 120J-T	B	103.4/49.4
C106	4030017630	S.CER C1005 CH 1H 120J-T	B	47.0/104.0
C107	4030017590	S.CER C1005 CH 1H 070C-T	B	72.3/89.5
C108	4030017460	S.CER C1005 JB 1H 102K-T	B	96.5/46.7
C109	4030017380	S.CER C1005 CH 1H 050B-T	B	102.5/50.6
C110	4030017380	S.CER C1005 CH 1H 050B-T	B	46.5/105.3
C111	4030016790	S.CER C1005 JB 1E 103K-T	B	70.7/92.3
C114	4030017630	S.CER C1005 CH 1H 120J-T	B	103.4/47.7
C116	4030017460	S.CER C1005 JB 1H 102K-T	B	70.7/89.5
C117	4030016790	S.CER C1005 JB 1E 103K-T	B	69.1/90.4
C118	4030016790	S.CER C1005 JB 1E 103K-T	B	69.1/91.3
C121	4030016790	S.CER C1005 JB 1E 103K-T	B	71.1/94.8
C122	4030016790	S.CER C1005 JB 1E 103K-T	B	67.3/91.6
C123	4030016930	S.CER C1005 JB 1A 104K-T	B	67.5/100.1
C124	4030016930	S.CER C1005 JB 1A 104K-T	B	48.5/50.5
C125	4030016790	S.CER C1005 JB 1E 103K-T	B	96.8/43.5
C126	4030016790	S.CER C1005 JB 1E 103K-T	B	57.2/35.1
C127	4030016790	S.CER C1005 JB 1E 103K-T	B	41.4/103.1
C128	4030017460	S.CER C1005 JB 1H 102K-T	B	31.4/108.0
C131	4030017460	S.CER C1005 JB 1H 102K-T	B	86.8/49.7
C133	4030017590	S.CER C1005 CH 1H 070C-T	B	59.4/92.8
C134	4550003260	S.TAN TEESVA 1V 684M8R	B	28.6/106.5
Eqv.	4550008300	S.TAN F931V684MAA		
C136	4030016930	S.CER C1005 JB 1A 104K-T	B	50.4/36.9
C137	4030017620	S.CER C1005 CH 1H 100C-T	B	56.2/38.3
C138	4030017640	S.CER C1005 CH 1H 150J-T	B	75.8/101.1
C139	4030017650	S.CER C1005 CH 1H 270J-T	B	59.4/91.9
C140	4030016930	S.CER C1005 JB 1A 104K-T	B	55.3/36.7
C141	4550003260	S.TAN TEESVA 1V 684M8R	B	84.0/48.1
Eqv.	4550008300	S.TAN F931V684MAA		
C144	4550006250	S.TAN TEESVA 1A 106M8R	B	96.3/41.7
Eqv.	4550007520	S.TAN F931A106MAABMA		
C145	4030017420	S.CER C1005 CH 1H 470J-T	B	50.4/38.5
C146	4030017460	S.CER C1005 JB 1H 102K-T	B	56.2/35.1
C147	4550006250	S.TAN TEESVA 1A 106M8R	B	39.2/100.9
Eqv.	4550007520	S.TAN F931A106MAABMA		
C149	4030016790	S.CER C1005 JB 1E 103K-T	B	69.4/95.7
C150	4030016790	S.CER C1005 JB 1E 103K-T	B	65.7/97.3
C151	4030017610	S.CER C1005 CH 1H 090C-T	B	61.7/97.1
C152	4030016930	S.CER C1005 JB 1A 104K-T	B	55.3/32.5
C153	4030017380	S.CER C1005 CH 1H 050B-T	B	49.8/34.9
C154	4030017420	S.CER C1005 CH 1H 470J-T	B	26.5/120.6
C155	4030017460	S.CER C1005 JB 1H 102K-T	B	26.5/123.2
C156	4030017420	S.CER C1005 CH 1H 470J-T	B	28.5/111.5
C157	4030020000	S.CER C1005 JB 1A 105K-T	B	28.0/117.2
C158	4030017420	S.CER C1005 CH 1H 470J-T	B	81.7/62.1
C159	4030017420	S.CER C1005 CH 1H 470J-T	B	81.7/53.6
C160	4030016790	S.CER C1005 JB 1E 103K-T	B	65.7/104.4
C161	4030016790	S.CER C1005 JB 1E 103K-T	B	62.7/98.9
C162	4030016930	S.CER C1005 JB 1A 104K-T	B	81.7/67.1
C163	4030016930	S.CER C1005 JB 1A 104K-T	B	81.7/58.6
C164	4030016930	S.CER C1005 JB 1A 104K-T	B	49.5/36.9
C165	4030017460	S.CER C1005 JB 1H 102K-T	B	81.7/66.2
C166	4030017460	S.CER C1005 JB 1H 102K-T	B	81.7/57.0
C167	4030017460	S.CER C1005 JB 1H 102K-T	B	99.0/45.4
C168	4030017570	S.CER C1005 CH 1H 040B-T	B	32.6/124.3
C169	4030017610	S.CER C1005 CH 1H 090C-T	B	30.8/124.4
C170	4030017380	S.CER C1005 CH 1H 050B-T	B	30.6/114.4
C171	4030017630	S.CER C1005 CH 1H 120J-T	B	30.6/115.3

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C172	4030017590	S.CER C1005 CH 1H 070C-T	[#07]	B 87.8/65.7
	4030017600	S.CER C1005 CH 1H 080C-T	[#14]	
	4030017590	S.CER C1005 CH 1H 070C-T	[#15]	
	4030017590	S.CER C1005 CH 1H 070C-T	[#16]	
	4030017590	S.CER C1005 CH 1H 070C-T	[#23]	
	4030017590	S.CER C1005 CH 1H 070C-T	[#35]	
	4030017590	S.CER C1005 CH 1H 070C-T	[#36]	
	4030017590	S.CER C1005 CH 1H 070C-T	[#37]	
	4030017590	S.CER C1005 CH 1H 070C-T	[#82]	
C173	4030017600	S.CER C1005 CH 1H 080C-T	B	86.5/65.3
C174	4030017600	S.CER C1005 CH 1H 080C-T	[#07]	B 85.7/55.0
	4030017610	S.CER C1005 CH 1H 090C-T	[#14]	
	4030017600	S.CER C1005 CH 1H 080C-T	[#15]	
	4030017600	S.CER C1005 CH 1H 080C-T	[#16]	
	4030017600	S.CER C1005 CH 1H 080C-T	[#23]	
	4030017600	S.CER C1005 CH 1H 080C-T	[#35]	
	4030017600	S.CER C1005 CH 1H 080C-T	[#36]	
	4030017600	S.CER C1005 CH 1H 080C-T	[#37]	
	4030017600	S.CER C1005 CH 1H 080C-T	[#82]	
C175	4030017630	S.CER C1005 CH 1H 120J-T	B	85.7/55.9
C176	4030018860	S.CER C1005 JB 0J 105K-T	T	62.9/51.0
C177	4030017380	S.CER C1005 CH 1H 050B-T	B	35.6/120.7
C178	4030017580	S.CER C1005 CH 1H 060C-T	B	32.0/112.2
C179	4030017420	S.CER C1005 CH 1H 470J-T	T	14.9/129.1
C180	4030017590	S.CER C1005 CH 1H 070C-T	B	91.5/62.0
C181	4030017580	S.CER C1005 CH 1H 060C-T	B	87.1/52.9
C182	4030016790	S.CER C1005 JB 1E 103K-T	B	63.1/104.4
C183	4030017420	S.CER C1005 CH 1H 470J-T	T	14.9/131.3
C184	4030017580	S.CER C1005 CH 1H 060C-T	B	34.9/124.3
C185	4030017620	S.CER C1005 CH 1H 100C-T	B	35.4/115.3
C186	4030017420	S.CER C1005 CH 1H 470J-T	B	99.3/48.8
C187	4030017540	S.CER C1005 CH 1H R75B-T	B	89.4/66.8
C188	4030017630	S.CER C1005 CH 1H 030B-T	B	90.6/66.6
C189	4030017340	S.CER C1005 CH 1H 010B-T	B	87.0/57.2
C190	4030017350	S.CER C1005 CH 1H 020B-T	B	87.0/58.2
C191	4030017580	S.CER C1005 CH 1H 060C-T	B	89.4/65.7
C192	4030017640	S.CER C1005 CH 1H 150J-T	B	90.5/56.3
C193	4030017460	S.CER C1005 JB 1H 102K-T	B	61.5/107.2
C194	4030017610	S.CER C1005 CH 1H 090C-T	B	36.8/122.8
C195	4030017620	S.CER C1005 CH 1H 100C-T	B	40.1/120.7
C196	4030017600	S.CER C1005 CH 1H 080C-T	B	37.6/114.4
C197	4030017630	S.CER C1005 CH 1H 120J-T	B	41.0/112.2
C198	4030016790	S.CER C1005 JB 1E 103K-T	B	60.6/107.2
C200	4030017570	S.CER C1005 CH 1H 040B-T	B	92.4/64.3
C201	4030017620	S.CER C1005 CH 1H 100C-T	B	96.0/62.0
C202	4030017610	S.CER C1005 CH 1H 090C-T	B	93.1/55.4
C203	4030017390	S.CER C1005 CH 1H 180J-T	B	96.3/52.9
C204	4550006250	S.TAN TEESVA 1A 106M8R	T	81.7/15.2
Eqv.	4550007520	S.TAN F931A106MAABMA		
C205	4550006250	S.TAN TEESVA 1A 106M8R	T	85.1/17.1
Eqv.	4550007520	S.TAN F931A106MAABMA		
C206	4550006250	S.TAN TEESVA 1A 106M8R	T	88.8/16.8
Eqv.	4550007520	S.TAN F931A106MAABMA		
C208	4030017490	S.CER C1608 JB 1A 105K-T	T	80.0/15.6
C209	4030017490	S.CER C1608 JB 1A 105K-T	T	83.4/16.6
C210	4030017490	S.CER C1608 JB 1A 105K-T	T	87.0/16.3
C211	4030016930	S.CER C1005 JB 1A 104K-T	B	38.3/120.7
C212	4030016790	S.CER C1005 JB 1E 103K-T	B	39.2/112.2
C213	4030017660	S.CER C1005 CH 1H 330J-T	B	68.5/106.1
C214	4030017460	S.CER C1005 JB 1H 102K-T	B	66.8/107.0
C215	4030017530	S.CER C1005 CH 1H 0R5B-T	B	41.9/120.7
C216	4030017520	S.CER C1005 CH 1H 0R3B-T	B	42.6/115.7
C217	4030017460	S.CER C1005 JB 1H 102K-T	B	39.2/120.7
C218	4030017460	S.CER C1005 JB 1H 102K-T	B	40.1/112.2
C219	4030016790	S.CER C1005 JB 1E 103K-T	B	94.2/62.0
C220	4030017530	S.CER C1005 CH 1H 0R5B-T	B	98.2/61.3
C221	4030016790	S.CER C1005 JB 1E 103K-T	B	94.5/52.9
C222	4030017530	S.CER C1005 CH 1H 0R5B-T	B	98.2/57.1
C224	4030017460	S.CER C1005 JB 1H 102K-T	B	95.1/62.0
C225	4030017460	S.CER C1005 JB 1H 102K-T	B	95.4/52.9
C228	4030017490	S.CER C1608 JB 1A 105K-T	T	77.9/24.2
C229	4030017490	S.CER C1608 JB 1A 105K-T	T	82.7/24.8
C230	4030017490	S.CER C1608 JB 1A 105K-T	T	86.8/24.4
C231	4550005980	S.TAN TEESVA 1A 475M8R	T	80.0/25.1
Eqv.	4550007270	S.TAN F931A475MAABMA		
C232	4550005980	S.TAN TEESVA 1A 475M8R	T	84.4/25.6
Eqv.	4550007270	S.TAN F931A475MAABMA		
C233	4550005980	S.TAN TEESVA 1A 475M8R	T	88.5/25.7
Eqv.	4550007270	S.TAN F931A475MAABMA		
C235	4030017030	S.CER C1005 JB 1A 273K-T	T	40.9/55.0
C236	4030017730	S.CER C1005 JB 1H 471K-T	B	100.5/55.0
C237	4030017460	S.CER C1005 JB 1H 102K-T	B	100.5/60.4
C238	4030017730	S.CER C1005 JB 1H 471K-T	B	44.9/112.6
C239	4030017460	S.CER C1005 JB 1H 102K-T	B	44.9/118.0
C240	4510009550	S.ELE EEEFK1C100R	T	95.1/22.4
C241	4030017350	S.CER C1005 CH 1H 020B-T	B	68.3/120.9
C242	4030016790	S.CER C1005 JB 1E 103K-T	B	68.7/111.2

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C243	4030017460	S.CER C1005 JB 1H 102K-T	B	70.3/106.1
C244	4030016790	S.CER C1005 JB 1E 103K-T	B	70.3/107.0
C245	4030017460	S.CER C1005 JB 1H 102K-T	B	91.5/59.6
C246	4030017610	S.CER C1005 CH 1H 090C-T	B	46.9/113.5
C247	4030017460	S.CER C1005 JB 1H 102K-T	B	43.1/109.1
C248	4030017460	S.CER C1005 JB 1H 102K-T	B	36.0/117.8
C249	4030017460	S.CER C1005 JB 1H 102K-T	B	48.1/109.1
C250	4030017380	S.CER C1005 CH 1H 050B-T	B	103.7/58.7
C251	4030017610	S.CER C1005 CH 1H 090C-T	B	102.6/55.9
C252	4030017460	S.CER C1005 JB 1H 102K-T	B	100.5/50.0
C253	4030017380	S.CER C1005 CH 1H 050B-T	B	48.0/116.2
C254	4030017460	S.CER C1005 JB 1H 102K-T	B	103.7/53.4
C255	4030016930	S.CER C1005 JB 1A 104K-T	T	42.1/50.6
C256	4030017640	S.CER C1005 CH 1H 150J-T	T	43.3/55.2
C257	4030016790	S.CER C1005 JB 1E 103K-T	T	34.5/58.8
C258	4030017580	S.CER C1005 CH 1H 060C-T	B	59.6/117.8
C259	4030017580	S.CER C1005 CH 1H 060C-T	T	48.5/46.4
C262	4030016930	S.CER C1005 JB 1A 104K-T	B	69.2/57.5
C263	4030017420	S.CER C1005 CH 1H 470J-T	B	60.5/126.1
C265	4030017460	S.CER C1005 JB 1H 102K-T	B	43.5/120.7
C266	4030018900	S.CER C1005 JB 0J 474K-T	T	43.9/45.6
C267	4030017630	S.CER C1005 CH 1H 120J-T	B	59.6/119.3
C268	4030017420	S.CER C1005 CH 1H 470J-T	B	62.3/126.1
C269	4550006780	S.TAN TEESVB2 0J 476M8R	T	71.8/60.9
Eqv.	4550007200	S.TAN F930J476MABAMA		
C270	4030016930	S.CER C1005 JB 1A 104K-T	T	40.5/49.7
C271	4030017350	S.CER C1005 CH 1H 020B-T	B	68.1/137.9
C272	4030017630	S.CER C1005 CH 1H 120J-T	T	47.4/60.1
C274	4030017460	S.CER C1005 JB 1H 102K-T	B	44.4/120.7
C275	4030017620	S.CER C1005 CH 1H 100C-T	B	48.0/124.4
C276	4030017530	S.CER C1005 CH 1H 0R5B-T	B	67.2/137.9
C277	4030016790	S.CER C1005 JB 1E 103K-T	T	48.7/36.8
C279	4030017580	S.CER C1005 CH 1H 060C-T	B	59.6/120.9
C280	4030017460	S.CER C1005 JB 1H 102K-T	B	98.9/66.3
C281	4030017460	S.CER C1005 JB 1H 102K-T	B	100.0/62.0
C282	4030017600	S.CER C1005 CH 1H 080C-T	B	61.4/122.2
C283	4030017620	S.CER C1005 CH 1H 100C-T	B	103.7/65.9
C285	4030017620	S.CER C1005 CH 1H 100C-T	B	66.1/137.9
C286	4030017530	S.CER C1005 CH 1H 0R5B-T	B	64.5/139.2
C287	4030017550	S.CER C1005 CH 1H 1R5B-T	B	61.8/134.7
C291	4030017340	S.CER C1005 CH 1H 010B-T	B	102.4/66.6
C292	4030017460	S.CER C1005 JB 1H 102K-T	B	65.0/136.3
C293	4030017620	S.CER C1005 CH 1H 100C-T	B	62.9/137.9
C294	4030017530	S.CER C1005 CH 1H 0R5B-T	B	58.3/138.5
C295	4030017460	S.CER C1005 JB 1H 102K-T	B	65.0/134.7
C296	4030017620	S.CER C1005 CH 1H 100C-T	B	56.1/138.0
C298	4030017460	S.CER C1005 JB 1H 102K-T	B	136.2/83.0
C299	4030017460	S.CER C1005 JB 1H 102K-T	B	50.4/133.8
C300	4030017460	S.CER C1005 JB 1H 102K-T	B	54.1/133.9
C301	4030016790	S.CER C1005 JB 1E 103K-T	B	51.4/133.8
C302	4030017460	S.CER C1005 JB 1H 102K-T	B	52.0/138.5
C303	4030017370	S.CER C1005 CH 1H 3R5B-T	B	131.5/82.3
C304	4030017420	S.CER C1005 CH 1H 470J-T	B	136.2/82.0
C305	4030017420	S.CER C1005 CH 1H 470J-T	B	46.4/133.8
C306	4030017460	S.CER C1005 JB 1H 102K-T	B	47.4/133.8
C307	4030017460	S.CER C1005 JB 1H 102K-T	B	45.4/138.3
C309	4030017420	S.CER C1005 CH 1H 470J-T	B	136.8/84.5
C310	4030017380	S.CER C1005 CH 1H 050B-T	B	134.9/86.0
C311	4030016930	S.CER C1005 JB 1A 104K-T	B	45.4/140.4
C312	4030017420	S.CER C1005 CH 1H 470J-T	B	50.4/140.4
C313	4030016930	S.CER C1005 JB 1A 104K-T	B	46.4/140.4
C314	4030017460	S.CER C1005 JB 1H 102K-T	B	49.4/140.4
C315	4030017730	S.CER C1005 JB 1H 471K-T	B	137.8/84.5
C316	4030017570	S.CER C1005 CH 1H 040B-T	B	130.4/80.9
C321	4030017420	S.CER C1005 CH 1H 470J-T	T	66.0/57.5
C322	4030017420	S.CER C1005 CH 1H 470J-T	T	67.6/54.3
C323	4030017620	S.CER C1005 CH 1H 100C-T	B	44.4/137.7
C324	4030017530	S.CER C1005 CH 1H 0R5B-T	B	134.9/88.4
C326	4030017580	S.CER C1005 CH 1H 060C-T	B	39.3/138.2
C327	4030017360	S.CER C1005 CH 1H 030B-T	B	141.9/89.3
	4030017360	S.CER C1005 CH 1H 030B-T	[#07]	
	4030017360	S.CER C1005 CH 1H 030B-T	[#14]	
	4030017360	S.CER C1005 CH 1H 030B-T	[#15]	
	4030017360	S.CER C1005 CH 1H 030B-T	[#16]	
	4030017350	S.CER C1005 CH 1H 020B-T	[#23]	
	4030017350	S.CER C1005 CH 1H 020B-T	[#35]	
	4030017360	S.CER C1005 CH 1H 030B-T	[#36]	
	4030017350	S.CER C1005 CH 1H 020B-T	[#37]	
	4030017350	S.CER C1005 CH 1H 020B-T	[#82]	
C328	4030017420	S.CER C1005 CH 1H 470J-T	B	140.9/85.4
C329	4030017510	S.CER C1005 CH 1H 680J-T	B	38.5/133.6
C330	4030017460	S.CER C1005 JB 1H 102K-T	B	139.9/85.4
C331	4030017460	S.CER C1005 JB 1H 102K-T	B	59.2/140.4
C332	4030018860	S.CER C1005 JB 0J 105K-T	B	55.0/140.4
C333	4030016930	S.CER C1005 JB 1A 104K-T	T	23.1/29.4
C335	4030017550	S.CER C1005 CH 1H 1R5B-T	B	144.4/93.0
C336	4030018860	S.CER C1005 JB 0J 105K-T	B	60.1/140.4
C337	4030017580	S.CER C1005 CH 1H 060C-T	B	139.9/94.1

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C338	4030017550	S.CER C1005 CH 1H 1R5B-T	B	39.3/139.2
C339	4030016930	S.CER C1005 JB 1A 104K-T	B	32.5/134.1
C340	4030016930	S.CER C1005 JB 1A 104K-T	T	54.0/20.4
C341	4030017420	S.CER C1005 CH 1H 470J-T	T	143.1/123.3
C342	4030017730	S.CER C1005 JB 1H 471K-T	T	138.8/108.0
C345	4030017460	S.CER C1005 JB 1H 102K-T	B	30.7/135.9
C346	4030017420	S.CER C1005 CH 1H 470J-T	T	63.2/57.2
C347	4030017460	S.CER C1005 JB 1H 102K-T	T	143.1/124.2
C348	4030017420	S.CER C1005 CH 1H 470J-T	T	63.8/55.3
C349	4030017580	S.CER C1005 CH 1H 060C-T	B	143.6/95.2
C350	4030017420	S.CER C1005 CH 1H 470J-T	T	138.7/112.3
C351	4030017460	S.CER C1005 JB 1H 102K-T	T	138.7/113.2
C352	4030017510	S.CER C1005 CH 1H 680J-T	B	31.6/137.9
C353	4030017460	S.CER C1005 JB 1H 102K-T	T	140.4/118.8
C354	4030017420	S.CER C1005 CH 1H 470J-T	T	106.6/115.9
C355	4030017380	S.CER C1005 CH 1H 050B-T	B	37.5/136.9
C357	4030017630	S.CER C1005 CH 1H 120J-T	B	39.3/140.1
C358	4030016790	S.CER C1005 JB 1E 103K-T	T	137.5/128.2
C359	4510009550	S.ELE EEEFK1C100R	T	107.3/86.5
C360	4030017460	S.CER C1005 JB 1H 102K-T	T	106.6/116.8
C362	4030017510	S.CER C1005 CH 1H 680J-T	B	39.8/144.7
C364	4030011020	S.CER GRM31M4C2H1R0CY21L (GRM42-6)	B	89.9/119.9
C365	4030017730	S.CER C1005 JB 1H 471K-T	T	106.6/117.7
C366	4030016970	S.CER C1005 JB 1E 223K-T	T	142.5/126.6
C367	4510009810	S.ELE EEEFK1E220R	T	105.9/96.0
C368	4030006860	S.CER C1608 JB 1H 102K-T	T	89.2/142.0
C369	4030017460	S.CER C1005 JB 1H 102K-T	B	33.4/134.1
C370	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6)	B	100.2/123.2
C371	4030006980	S.CER C1608 CH 1H 070D-T	T	35.5/142.6
C372	4030011020	S.CER GRM31M4C2H1R0CY21L (GRM42-6)	B	100.2/121.1
C373	4030017780	S.CER C1005 JB 1H 472K-T	T	136.8/123.8
C374	4030017420	S.CER C1005 CH 1H 470J-T	B	85.3/129.8
C375	4030017460	S.CER C1005 JB 1H 102K-T	T	113.2/95.3
C376	4030017350	S.CER C1005 CH 1H 020B-T	B	86.1/138.9
C377	4030017420	S.CER C1005 CH 1H 470J-T	B	84.2/119.4
C378	4030017420	S.CER C1005 CH 1H 470J-T	T	112.3/95.3
C381	4030017400	S.CER C1005 CH 1H 220J-T	T	111.4/95.3
C383	4030017460	S.CER C1005 JB 1H 102K-T	T	114.1/78.3
C384	4030018860	S.CER C1005 JB 0J 105K-T	T	139.5/121.5
C385	4030017460	S.CER C1005 JB 1H 102K-T	B	22.8/142.5
C386	4030017460	S.CER C1005 JB 1H 102K-T	T	139.2/119.6
C387	4030017600	S.CER C1005 CH 1H 080C-T	B	89.8/138.0
C388	4510009550	S.ELE EEEFK1C100R	T	126.4/77.3
C389	4320001090	S.MIC UC232H 0820J-T	B	95.3/130.3
C390	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6)	B	87.6/133.3
C391	4030017460	S.CER C1005 JB 1H 102K-T	T	122.3/76.0
C392	4030017520	S.CER C1005 CH 1H 0R3B-T	B	95.4/134.4
C393	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6)	B	98.7/126.9
C394	4550006250	S.TAN TEESVA 1A 106M8R	B	26.3/15.3
Eqv.	4550007520	S.TAN F931A106MAABMA		
C395	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6)	B	100.8/126.9
C396	4510009550	S.ELE EEEFK1C100R	T	97.1/77.8
C397	4030017460	S.CER C1005 JB 1H 102K-T	T	137.5/118.5
C398	4550006250	S.TAN TEESVA 1A 106M8R	B	31.7/15.5
Eqv.	4550007520	S.TAN F931A106MAABMA		
C399	4030017460	S.CER C1005 JB 1H 102K-T	T	100.0/76.1
C400	4030017460	S.CER C1005 JB 1H 102K-T	B	86.2/129.8
C401	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6)	B	103.2/131.0
C402	4030016930	S.CER C1005 JB 1A 104K-T	T	47.2/71.6
C403	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6)	B	106.3/131.0
C404	4030017460	S.CER C1005 JB 1H 102K-T	T	140.8/129.3
C405	4030017420	S.CER C1005 CH 1H 470J-T	B	56.7/55.3
C406	4030016790	S.CER C1005 JB 1E 103K-T	T	103.5/76.2
C407	4030011030	S.CER GRM31M4C2H1R5CY21L (GRM42-6)	B	102.7/137.3
C408	4030017460	S.CER C1005 JB 1H 102K-T	B	98.2/138.6
C409	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6)	B	111.0/136.1
C410	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6)	B	113.1/134.1
C411	4550007650	S.TAN F931V105MAABMA	T	37.6/68.6
C412	4030017460	S.CER C1005 JB 1H 102K-T	T	112.7/78.6
C413	4030016930	S.CER C1005 JB 1A 104K-T	T	38.5/71.9
C414	4030017420	S.CER C1005 CH 1H 470J-T	B	29.7/135.9
C415	4550007650	S.TAN F931V105MAABMA	T	37.6/63.4
C416	4550006250	S.TAN TEESVA 1A 106M8R	T	107.9/81.6
Eqv.	4550007520	S.TAN F931A106MAABMA		
C417	4030016930	S.CER C1005 JB 1A 104K-T	T	15.0/125.8
C418	4550007650	S.TAN F931V105MAABMA	T	39.5/74.0

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)



[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C419	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6)	B	115.8/134.1
C420	4030016930	S.CER C1005 JB 1A 104K-T	B	27.4/18.5
C422	4030006860	S.CER C1608 JB 1H 102K-T	B	119.6/139.5
C423	4030017460	S.CER C1005 JB 1H 102K-T	B	120.9/146.8
C424	4030016930	S.CER C1005 JB 1A 104K-T	T	14.1/125.8
C426	4030009530	S.CER C1608 CH 1H 030B-T	B	120.9/139.5
C431	4030018860	S.CER C1005 JB 0J 105K-T	B	33.3/13.6
C432	4030016930	S.CER C1005 JB 1A 104K-T	T	10.8/120.7
C433	4030006860	S.CER C1608 JB 1H 102K-T	B	139.5/137.7
C434	4030017460	S.CER C1005 JB 1H 102K-T	B	140.6/131.0
C435	4030017460	S.CER C1005 JB 1H 102K-T	T	54.9/29.9
C436	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6)	B	144.8/138.6
C437	4030016930	S.CER C1005 JB 1A 104K-T	B	34.4/12.0
C438	4030016790	S.CER C1005 JB 1E 103K-T	T	112.9/88.3
C439	4510009810	S.ELE EEEFK1E220R	T	128.4/89.8
C440	4030018900	S.CER C1005 JB 0J 474K-T	T	8.0/129.6
C441	4030017440	S.CER C1005 CH 1H 221J-T	T	12.0/126.2
C442	4510008780	S.ELE EEE1EA471P	B	9.6/119.8
C443	4030017460	S.CER C1005 JB 1H 102K-T	T	112.0/88.3
C444	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6)	B	147.0/149.0
C446	4030017460	S.CER C1005 JB 1H 102K-T	T	6.7/130.1
C448	4030017460	S.CER C1005 JB 1H 102K-T	T	128.8/102.5
C449	4510008870	S.ELE EEE1AA471UP	B	8.9/139.2
C450	4030019090	S.CER C2012 JB 1C 225M-T	T	7.5/125.1
C451	4030018860	S.CER C1005 JB 0J 105K-T	T	9.9/125.6
C452	4030018860	S.CER C1005 JB 0J 105K-T	T	72.0/98.2
C453	4030017460	S.CER C1005 JB 1H 102K-T	T	130.8/103.7
C454	4030017430	S.CER C1005 CH 1H 101J-T	B	46.3/56.9
C458	4030017460	S.CER C1005 JB 1H 102K-T	T	114.9/95.7
C459	4030017460	S.CER C1005 JB 1H 102K-T	T	116.4/119.1
C460	4030017460	S.CER C1005 JB 1H 102K-T	B	9.7/148.3
C461	4030017420	S.CER C1005 CH 1H 470J-T	T	114.9/94.8
C462	4030017420	S.CER C1005 CH 1H 470J-T	T	115.4/119.1
C463	4030017420	S.CER C1005 CH 1H 470J-T	B	9.7/149.2
C464	4510009680	S.ELE EEEFK1E471P	B	144.4/121.1
C465	4550008050	S.TAN TCFGA1C106M8R	T	110.0/91.7
C466	4030017420	S.CER C1005 CH 1H 470J-T	T	99.9/88.1
C467	4030016930	S.CER C1005 JB 1A 104K-T	T	62.3/58.5
C468	4030016930	S.CER C1005 JB 1A 104K-T	T	61.8/56.9
C470	4030018860	S.CER C1005 JB 0J 105K-T	T	7.5/122.3
C471	4030016790	S.CER C1005 JB 1E 103K-T	T	6.3/123.6
C472	4030018860	S.CER C1005 JB 0J 105K-T	T	11.0/117.8
C473	4030018860	S.CER C1005 JB 0J 105K-T	T	5.1/118.9
C474	4030017780	S.CER C1005 JB 1H 472K-T	T	115.3/17.6
C475	4510009700	S.ELE EEEFK1C101P	T	125.1/12.1
C476	4510009700	S.ELE EEEFK1C101P	T	125.1/19.3
C477	4030017780	S.CER C1005 JB 1H 472K-T	T	119.0/12.3
C478	4030017780	S.CER C1005 JB 1H 472K-T	T	115.3/12.2
C479	4510009700	S.ELE EEEFK1C101P	T	104.8/14.3
C481	4030017460	S.CER C1005 JB 1H 102K-T	B	63.2/122.2
C491	4030016930	S.CER C1005 JB 1A 104K-T	T	60.4/60.1
C492	4030016930	S.CER C1005 JB 1A 104K-T	B	13.5/32.6
C493	4510008870	S.ELE EEE1AA471UP	B	66.3/45.3
C494	4030019990	S.CER C1005 JB 1C 104K-T	T	117.5/92.7
C495	4030016930	S.CER C1005 JB 1A 104K-T	T	117.5/90.8
C496	4030019990	S.CER C1005 JB 1C 104K-T	T	122.4/92.2
C497	4030016930	S.CER C1005 JB 1A 104K-T	T	109.7/82.1
C498	4030016930	S.CER C1005 JB 1A 104K-T	T	11.5/43.3
C501	4030017420	S.CER C1005 CH 1H 470J-T	T	12.2/31.2
C502	4030017420	S.CER C1005 CH 1H 470J-T	T	29.5/2.8
C503	4030017420	S.CER C1005 CH 1H 470J-T	T	48.0/99.4
C506	4030016930	S.CER C1005 JB 1A 104K-T	B	26.3/43.4
C507	4030016930	S.CER C1005 JB 1A 104K-T	B	32.9/31.0
C508	4030016930	S.CER C1005 JB 1A 104K-T	B	40.2/42.7
C509	4030016930	S.CER C1005 JB 1A 104K-T	B	26.3/39.1
C510	4030016930	S.CER C1005 JB 1A 104K-T	B	26.6/33.0
C511	4030016930	S.CER C1005 JB 1A 104K-T	B	40.1/34.2
C512	4030017420	S.CER C1005 CH 1H 470J-T	T	92.1/14.8
C513	4550006250	S.TAN TEESVA 1A 106M8R	B	7.0/53.7
Eqv.	4550007520	S.TAN F931A106MAABMA		
C514	4030016930	S.CER C1005 JB 1A 104K-T	B	11.7/53.5
C515	4030016930	S.CER C1005 JB 1A 104K-T	B	15.6/54.5
C516	4030016930	S.CER C1005 JB 1A 104K-T	T	65.1/69.6
C517	4030016930	S.CER C1005 JB 1A 104K-T	B	17.3/59.6
C518	4030016930	S.CER C1005 JB 1A 104K-T	B	12.8/62.9
C519	4030017460	S.CER C1005 JB 1H 102K-T	B	14.0/62.6
C521	4030016930	S.CER C1005 JB 1A 104K-T	B	18.1/53.6
C522	4030016930	S.CER C1005 JB 1A 104K-T	T	51.2/31.8
C523	4030016930	S.CER C1005 JB 1A 104K-T	T	51.2/33.0
C524	4030018910	S.CER C1608 JB 0J 475K-T	T	9.5/56.0
C525	4030018910	S.CER C1608 JB 0J 475K-T	B	25.8/58.3
C526	4030018100	S.CER C1005 JB 1H 681K-T	B	29.9/58.0
C527	4030016790	S.CER C1005 JB 1E 103K-T	B	26.1/50.3
C528	4030017670	S.CER C1005 CH 1H 390J-T	B	37.4/120.7

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C529	4030017630	S.CER C1005 CH 1H 120J-T	B	38.3/112.2
C530	4030017420	S.CER C1005 CH 1H 470J-T	T	60.5/62.3
C531	4030017670	S.CER C1005 CH 1H 390J-T	B	93.3/62.0
C532	4030017670	S.CER C1005 CH 1H 390J-T	B	93.6/52.9
C533	4510009700	S.ELE EEEFK1C101P	T	125.1/26.4
C534	4030016790	S.CER C1005 JB 1E 103K-T	T	118.5/26.7
C535	4030016790	S.CER C1005 JB 1E 103K-T	B	67.4/101.6
C536	4030016790	S.CER C1005 JB 1E 103K-T	B	65.7/98.3
C538	4030006860	S.CER C1608 JB 1H 102K-T	T	36.3/145.1
C539	4030017790	S.CER C1005 JB 1H 682K-T	T	22.8/57.0
C540	4030017730	S.CER C1005 JB 1H 471K-T	T	21.2/56.6
C541	4030016930	S.CER C1005 JB 1A 104K-T	T	22.8/55.4
C542	4030017440	S.CER C1005 CH 1H 221J-T	T	27.1/55.0
C543	4030016930	S.CER C1005 JB 1A 104K-T	T	56.5/68.9
C544	4030017460	S.CER C1005 JB 1H 102K-T	T	62.4/72.9
C545	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6)	T	97.6/106.8
C546	4030019560	S.CER GRM21BB31C106KE15L	T	62.6/63.8
C547	4030017770	S.CER C1005 JB 1H 332K-T	T	53.9/72.2
C548	4030016930	S.CER C1005 JB 1A 104K-T	T	14.1/120.6
C549	4030017420	S.CER C1005 CH 1H 470J-T	T	23.1/86.6
C550	4030017420	S.CER C1005 CH 1H 470J-T	T	70.1/82.6
C551	4030019990	S.CER C1005 JB 1C 104K-T	T	114.2/28.9
C552	4030016930	S.CER C1005 JB 1A 104K-T	T	117.8/43.0
C553	4030016930	S.CER C1005 JB 1A 104K-T	B	30.8/19.4
C555	4030016930	S.CER C1005 JB 1A 104K-T	B	69.8/75.5
C556	4030019990	S.CER C1005 JB 1C 104K-T	T	105.2/28.6
C557	4030016930	S.CER C1005 JB 1A 104K-T	T	97.0/28.6
C558	4550008050	S.TAN TCFGA1C106M8R	T	95.1/27.9
C559	4550006250	S.TAN TEESVA 1A 106M8R	T	45.9/75.5
Eqv.	4550007520	S.TAN F931A106MAABMA		
C562	4030017420	S.CER C1005 CH 1H 470J-T	T	38.5/76.1
C564	4030017570	S.CER C1005 CH 1H 040B-T	B	68.3/131.3
C566	4030018860	S.CER C1005 JB 0J 105K-T	B	46.9/70.8
C567	4030017430	S.CER C1005 CH 1H 101J-T	T	63.3/52.2
C571	4030017580	S.CER C1005 CH 1H 060C-T	T	64.0/99.1
C572	4030017580	S.CER C1005 CH 1H 060C-T	T	64.9/99.1
C573	4030017580	S.CER C1005 CH 1H 060C-T	B	65.3/97.4
C574	4030017580	S.CER C1005 CH 1H 060C-T	T	64.0/134.7
C575	4030017420	S.CER C1005 CH 1H 470J-T	B	62.9/132.4
C576	4030017460	S.CER C1005 JB 1H 102K-T	T	67.3/105.8
C577	4030017460	S.CER C1005 JB 1H 102K-T	T	67.3/104.9
C578	4320001090	S.MIC UC232H 0820J-T	T	92.0/126.0
C579	4550006250	S.TAN TEESVA 1A 106M8R	B	95.2/50.6
Eqv.	4550007520	S.TAN F931A106MAABMA		
C580	4030017420	S.CER C1005 CH 1H 470J-T	T	100.7/73.5
C581	4030018910	S.CER C1608 JB 0J 475K-T	B	46.2/60.9
C582	4030018910	S.CER C1608 JB 0J 475K-T	T	69.7/97.8
C583	4030016930	S.CER C1005 JB 1A 104K-T	B	46.3/58.6
C584	4030016790	S.CER C1005 JB 1E 103K-T	B	54.9/55.3
C585	4030016930	S.CER C1005 JB 1A 104K-T	B	54.9/58.6
C586	4030017730	S.CER C1005 JB 1H 471K-T	B	54.9/56.9
C587	4030016790	S.CER C1005 JB 1E 103K-T	B	52.3/59.8
C588	4030018910	S.CER C1608 JB 0J 475K-T	T	70.9/97.8
C601	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6)	T	97.6/111.3
C610	4030018080	S.CER C1005 JB 1H 182K-T	T	63.3/69.6
C612	4030017460	S.CER C1005 JB 1H 102K-T	B	55.7/29.9
C614	4030017730	S.CER C1005 JB 1H 471K-T	B	29.0/13.2
C615	4030017650	S.CER C1005 CH 1H 270J-T	B	63.2/117.5
C616	4030017460	S.CER C1005 JB 1H 102K-T	T	93.8/64.6
C617	4030017420	S.CER C1005 CH 1H 470J-T	B	134.1/43.7
C618	4030017420	S.CER C1005 CH 1H 470J-T	T	64.9/53.3
C619	4030017420	S.CER C1005 CH 1H 470J-T	T	77.9/109.3
C620	4030017420	S.CER C1005 CH 1H 470J-T	T	74.2/96.8
C621	4030017420	S.CER C1005 CH 1H 470J-T	T	31.5/2.8
C622	4030019560	S.CER GRM21BB31C106KE15L	T	64.5/73.4
C623	4030019990	S.CER C1005 JB 1C 104K-T	B	126.8/16.0
C624	4030019990	S.CER C1005 JB 1C 104K-T	B	126.3/20.3
C625	4030017460	S.CER C1005 JB 1H 102K-T	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23.2
C630	4030017420	S.CER C1005 CH 1H 470J-T	T	106.4/106.8
C631	4030017580	S.CER C1005 CH 1H 060C-T	T	113.5/108.3
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
C638	4030019120	S.CER GRM188B31E105KA75D	T	13.0/133.5
C645	4030016930	S.CER C1005 JB 1A 104K-T	T	57.2/46.7
C652	4030016930	S.CER C1005 JB 1A 104K-T</		

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C665	4030017490	S.CER C1608 JB 1A 105K-T	T	69.9/24.2
C666	4550006250	S.TAN TEESVA 1A 106M8R	T	76.7/15.3
Eqv.	4550007520	S.TAN F931A106MAABMA		
C667	4550006250	S.TAN TEESVA 1A 106M8R	T	71.6/15.2
Eqv.	4550007520	S.TAN F931A106MAABMA		
C668	4550006250	S.TAN TEESVA 1A 106M8R	T	76.1/25.0
Eqv.	4550007520	S.TAN F931A106MAABMA		
C669	4550006250	S.TAN TEESVA 1A 106M8R	T	71.6/25.0
Eqv.	4550007520	S.TAN F931A106MAABMA		
C670	4030016930	S.CER C1005 JB 1A 104K-T	B	44.2/34.2
C700	4030018900	S.CER C1005 JB 0J 474K-T	T	124.9/44.5
C701	4030018900	S.CER C1005 JB 0J 474K-T	T	124.9/45.4
C702	4030016930	S.CER C1005 JB 1A 104K-T	B	122.8/46.0
C703	4030017460	S.CER C1005 JB 1H 102K-T	T	121.2/42.5
C704	4030017460	S.CER C1005 JB 1H 102K-T	T	119.2/40.6
C705	4030017460	S.CER C1005 JB 1H 102K-T	T	121.6/44.6
C706	4030016930	S.CER C1005 JB 1A 104K-T	B	121.9/47.7
C707	4030016930	S.CER C1005 JB 1A 104K-T	B	121.0/47.7
C709	4030019460	S.CER C1608 JB 0J 106M-T	B	119.9/48.2
C710	4030016930	S.CER C1005 JB 1A 104K-T	B	118.4/47.1
C711	4030017460	S.CER C1005 JB 1H 102K-T	B	118.4/46.2
C712	4030016930	S.CER C1005 JB 1A 104K-T	T	115.9/44.4
C713	4030019630	S.CER GRM31C2C1H104JA01L	B	83.9/45.9
C714	4030019630	S.CER GRM31C2C1H104JA01L	B	83.9/41.6
C715	4030019630	S.CER GRM31C2C1H104JA01L	B	83.9/43.8
C716	4030019630	S.CER GRM31C2C1H104JA01L	T	83.9/46.0
C717	4030019630	S.CER GRM31C2C1H104JA01L	T	83.9/43.8
C719	4030016930	S.CER C1005 JB 1A 104K-T	B	117.4/39.5
C720	4030016930	S.CER C1005 JB 1A 104K-T	B	116.3/62.0
C721	4030017420	S.CER C1005 CH 1H 470J-T	B	113.4/57.3
C722	4030016930	S.CER C1005 JB 1A 104K-T	B	114.2/63.7
C723	4030017460	S.CER C1005 JB 1H 102K-T	B	117.3/57.9
C725	4030018900	S.CER C1005 JB 0J 474K-T	T	35.3/78.8
C726	4030018900	S.CER C1005 JB 0J 474K-T	T	32.8/78.4
C727	4030016930	S.CER C1005 JB 1A 104K-T	B	35.4/80.1
C728	4030017460	S.CER C1005 JB 1H 102K-T	T	34.2/81.4
C729	4030017460	S.CER C1005 JB 1H 102K-T	T	33.0/79.7
C730	4030017460	S.CER C1005 JB 1H 102K-T	T	33.3/81.4
C731	4030019990	S.CER C1005 JB 1C 104K-T	B	37.0/80.5
C732	4030019990	S.CER C1005 JB 1C 104K-T	B	36.6/81.4
C734	4030019460	S.CER C1608 JB 0J 106M-T	B	37.4/82.5
C735	4030016930	S.CER C1005 JB 1A 104K-T	B	36.6/84.2
C736	4030017460	S.CER C1005 JB 1H 102K-T	B	35.7/84.2
C737	4030016930	S.CER C1005 JB 1A 104K-T	T	31.7/84.5
C738	4030016930	S.CER C1005 JB 1A 104K-T	T	32.2/85.4
C739	4030019630	S.CER GRM31C2C1H104JA01L	B	28.5/104.1
C740	4030019630	S.CER GRM31C2C1H104JA01L	T	28.5/102.5
C741	4030019630	S.CER GRM31C2C1H104JA01L	T	28.5/100.4
C742	4030019630	S.CER GRM31C2C1H104JA01L	B	28.5/99.9
C743	4030019630	S.CER GRM31C2C1H104JA01L	B	28.5/102.0
C746	4030017420	S.CER C1005 CH 1H 470J-T	B	29.2/88.2
C747	4030016930	S.CER C1005 JB 1A 104K-T	B	20.6/88.3
C748	4030020000	S.CER C1005 JB 1A 105K-T	B	26.5/122.3
C749	4030017460	S.CER C1005 JB 1H 102K-T	B	28.0/118.2
C752	4030017400	S.CER C1005 CH 1H 220J-T	B	16.9/37.5
C753	4030017400	S.CER C1005 CH 1H 220J-T	B	43.1/60.4
C755	4030017640	S.CER C1005 CH 1H 150J-T	B	46.5/35.6
C760	4030009530	S.CER C1608 CH 1H 030B-T	T	27.4/138.0
C761	4030009910	S.CER C1608 CH 1H 040B-T	T	31.0/140.0
C762	4030017810	S.CER C1608 CH 1H 102J-T	T	25.3/142.2
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	15.1/15.6
J4	6510023512	S.CON 28FLT-SM2-TB(LF)(SN)(M)	T	70.9/102.1
J5	6510023110	CON 3008L-8P8C		
J6	6450002470	CON JY-3510A1-130		
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	58.9/15.7
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.7/14.3
J10	6510004910	CON NR-DS-E 01		
J11	6510004910	CON NR-DS-E 01		
J12	6510025970	S.CON 41-002AA-R	T	58.7/44.6
DS1	5040002961	S.LED SML-A12MT T86J	B	96.0/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126.0/1.1
DS3	5040003001	S.LED SML-A12UT T86J	B	111.0/1.1
MF1	2710000870	FAN AFB0512HB-7X22 HK		
W1	7030014230	JUM RJ20S0OHHM		
W2	7030014230	JUM RJ20S0OHHM		
W4	8920000830	C_C CAB-1116		

[MAIN-C UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
W5	8900020500	CAB OPC-2249		[#37]
	8900020500	CAB OPC-2249		[#82]
EP1	6910024570	S.BEA MMZ1005A601ET	B	134.1/46.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	T	120.4/39.9
EP3	6910015370	S.BEA ACZ1005Y-102-T	T	35.5/80.1
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	28.7/62.0
EP5	6910016330	S.BEA MMZ1005S 601CT-S	B	41.3/73.9
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	39.5/109.0
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	96.2/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.9/39.4
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		
EP16	6910023420	S.BEA MMZ1005A222ET	B	44.8/60.4
EP18	6910021240	S.BEA MMZ1005A152ET	B	36.2/70.2
EP19	6910018460	S.BEA MMZ1005Y102C-T	T	66.1/106.8
EP20	6910018460	S.BEA MMZ1005Y102C-T	T	62.8/98.7
EP21	6910018460	S.BEA MMZ1005Y102C-T	T	62.8/99.6
EP22	6910018460	S.BEA MMZ1005Y102C-T	T	73.6/104.7
EP23	6910018460	S.BEA MMZ1005Y102C-T	T	72.4/105.0
EP24	6910018460	S.BEA MMZ1005Y102C-T	T	71.5/105.0
EP25	6910018460	S.BEA MMZ1005Y102C-T	T	70.4/105.0
EP26	6910018460	S.BEA MMZ1005Y102C-T	T	72.9/99.0
EP27	6910018460	S.BEA MMZ1005Y102C-T	T	68.2/99.1
EP28	6910018460	S.BEA MMZ1005Y102C-T	T	67.3/99.1
EP29	6910018460	S.BEA MMZ1005Y102C-T	T	65.8/99.1
EP30	6910018460	S.BEA MMZ1005Y102C-T	T	74.7/99.0
EP31	6910018460	S.BEA MMZ1005Y102C-T	T	70.5/99.5
EP32	6910018460	S.BEA MMZ1005Y102C-T	T	64.1/105.0
EP33	6910018460	S.BEA MMZ1005Y102C-T	T	65.1/105.0
EP34	6910018460	S.BEA MMZ1005Y102C-T	T	66.1/105.0
EP35	6910021770	S.BEA MMZ1005F560CT	B	17.8/37.5
EP37	6910021770	S.BEA MMZ1005F560CT	B	44.0/47.8
EP38	6910021770	S.BEA MMZ1005F560CT	B	46.4/36.5

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1-#ZZZB	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.2
IC3	1130017760	S.IC SC-1449A (ML7351CGDZ0ANL)	B	120.4/42.9
IC4	1130017760	S.IC SC-1449A (ML7351CGDZ0ANL)	B	32.3/82.2
IC5	1110007720	S.IC AA32416A	B	70.5/82.5
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4
IC9	1190002080	S.IC AD7476ARTZ-REEL7	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK(T5LF)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35.0
IC12	1140013290	S.IC TMS320VC5509AZHH	B	33.4/37.9
IC13	1180002591	S.REG XC6204B332MR-G	T	81.0/20.4
IC14	1180003271	S.REG R1114Q161D-TR-FE	T	84.4/21.4
IC15	1180002591	S.REG XC6204B332MR-G	T	87.9/21.4
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.4/52.8
IC20	1140014550	S.IC HD64F2506RFC26DV	T	33.5/37.7
IC21	1140012950	S.IC 24LC512T-I/SM	T	59.2/21.8
IC22	1150002231	IC RA55H3340M-121		
IC23	1110002751	S.IC TA75S01F(TE85RF)	T	139.3/125.7
IC25	1130008561	S.IC TC75S51F(TE85LF)	B	29.0/16.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.8/70.0
IC27	1180002010	S.REG BA08FP-E2	T	115.4/84.1
IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85RF)	T	12.0/123.1
IC30	1180003320	S.REG NJM2830U1-05-TE1-#ZZZB	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	B	8.2/45.2
IC32	1130017800	S.IC EN25Q40A-104GIP	B	8.9/36.1
IC34	1110005340	S.IC NJM12902V-TE1-#ZZZB	B	12.3/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.3
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4
IC37	1120002830	S.IC NJM2125F-TE1-#FZZB	T	56.7/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180004630	S.REG NJM7805DL1A-TE1-#FZZB	T	101.2/25.8
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2
IC41	1180003500	S.REG NJM7808DL1A-TE1-#FZZB	B	130.8/16.7
IC42	1140015750	S.IC TLV320AIC3254IRHBR	B	38.4/59.8
IC43	1180003790	S.REG XC6204B182MR-G	T	75.7/20.4
IC44	1180003790	S.REG XC6204B182MR-G	T	70.6/20.4
IC45	1130011741	S.IC TC7W66FK(TE85LF)	B	114.5/60.2
IC46	1130011741	S.IC TC7W66FK(TE85LF)	B	23.8/87.3
Q1	1590004190	S.TRA DRA9144E0L	B	53.4/79.7
Q2	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	36.3/77.8
Q4	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	89.5/42.8
Q5	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	38.7/106.6
Q6	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	34.1/101.1
Q7	1530002601	S.TRA 2SC4215-O(TE85RF)	B	73.0/92.5
Q8	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	94.4/47.5
Q10	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	89.8/46.2
Q11	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	34.1/104.2
Q12	1590004190	S.TRA DRA9144E0L	B	65.6/101.6
Q13	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	89.8/49.3
Q14	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	34.1/107.3
Q15	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	93.7/44.6
Q16	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	38.7/103.6
Q19	1530002601	S.TRA 2SC4215-O(TE85RF)	B	63.2/106.9
Q20	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	38.8/123.1
Q21	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	39.6/114.5
Q22	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	94.6/64.3
Q23	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	95.2/55.4
Q24	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	100.5/58.6
Q25	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	44.9/116.2
Q26	1590004500	S.TRA DMC561040R	B	40.5/117.8
Q27	1590004500	S.TRA DMC561040R	B	96.0/59.6
Q28	1590004330	S.TRA DRC9144E0L	B	93.3/59.6
Q29	1590004350	S.TRA DRC9144E0L	T	57.2/41.9
Q30	1590004330	S.TRA DRC9144E0L	B	37.8/117.8
Q31	1590004190	S.TRA DRA9144E0L	T	57.2/39.8
Q32	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	46.5/109.1
Q33	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	102.1/53.4
Q34	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	46.2/123.1
Q35	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85LF)	B	47.3/136.1
Q37	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	132.5/84.6
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829(TE85RF)	B	53.2/140.8
Q40	1590004590	S.TRA DMC506010R	T	101.7/87.4
Q41	1520001010	S.TRA 2SB1132G-R-AB3-R	T	101.7/82.8
Q42	1590004350	S.TRA DRC9144E0L	T	13.3/67.6
Q43	1590004350	S.TRA DRC9144E0L	T	138.8/123.0
Q44	1590004150	S.TRA DRC9114T0L	T	122.9/79.2
Q45	1540000830	S.TRA 2SD1664G-Q-AB3-R	T	117.1/76.3
Q46	1530002851	S.TRA 2SC4116-BL(TE85RF)	T	137.5/120.4
Q48	1510000920	S.TRA 2SA1577 T106 Q	T	101.5/77.8
Q49	1590004350	S.TRA DRC9144E0L	T	102.3/73.7
Q52	1590004350	S.TRA DRC9144E0L	T	10.9/131.7

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
Q53	1590004350	S.TRA DRC9144E0L	T	10.9/129.7
Q56	1590004710	S.FET TPC6111(TE85LF)	T	7.7/132.7
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590004350	S.TRA DRC9144E0L	T	130.3/102.1
Q59	1590000990	S.TRA DTC363EK T146	T	7.7/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85RF)	T	6.8/118.5
Q62	1530004210	S.TRA DSC7004S0L	T	118.5/18.6
Q63	1560000990	S.FET PMBFJ310	B	66.3/110.0
Q64	1560000990	S.FET PMBFJ310	B	63.3/110.0
Q65	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	59.6/123.7
Q66	1590004350	S.TRA DRC9144E0L	B	95.0/4.8
Q67	1590004350	S.TRA DRC9144E0L	B	125.0/4.7
Q68	1590004350	S.TRA DRC9144E0L	B	110.0/4.7
Q69	1590004350	S.TRA DRC9144E0L	T	9.5/53.3
Q70	1590004190	S.TRA DRA9144E0L	T	9.5/51.0
Q72	1590004330	S.TRA DRC9114E0L	B	117.1/59.7
Q73	1590004330	S.TRA DRC9114E0L	T	32.9/73.5
Q74	1590004330	S.TRA DRC9114E0L	T	34.9/73.5
Q75	1590004330	S.TRA DRC9114E0L	B	119.1/58.7
D1	1750001070	S.DIO DAN235ETL	B	57.3/78.6
Eqv.	1750002470	S.DIO KDS112E-RTK/P		
D2	1750001070	S.DIO DAN235ETL	B	50.0/79.7
Eqv.	1750002470	S.DIO KDS112E-RTK/P		
D3	1790001622	S.DIO 1SV308L3F	B	70.4/93.4
D4	1790001622	S.DIO 1SV308L3F	B	67.8/93.4
D7	1750003280	S.VAR SMV1145-079LF	B	30.8/122.3
D8	1750003280	S.VAR SMV1145-079LF	B	30.6/112.7
D9	1750003280	S.VAR SMV1145-079LF	B	85.6/63.5
D10	1750003280	S.VAR SMV1145-079LF	B	85.7/53.3
D11	1790001622	S.DIO 1SV308L3F	B	63.5/103.1
D12	1790001622	S.DIO 1SV308L3F	B	62.7/101.1
D13	1750001771	S.VAR 1SV323H3F	B	87.3/66.8
D14	1750001771	S.VAR 1SV323H3F	B	87.1/55.4
D15	1750001771	S.VAR 1SV323H3F	B	32.6/125.4
D16	1750001771	S.VAR 1SV323H3F	B	32.0/114.5
D17	1720000631	S.VAR 1SV285(TPH3F)	B	94.6/66.6
D18	1720000631	S.VAR 1SV285(TPH3F)	B	91.4/57.7
D19	1750001850	S.DIO LDAN222T1G	T	59.6/39.8
D20	1750002210	S.DIO DA2S00100L	T	39.0/58.0
D21	1720000702	S.VAR 1SV305H3F	B	66.1/135.8
D22	1720000702	S.VAR 1SV305H3F	B	62.9/135.8
D24	1720000702	S.VAR 1SV305H3F	B	56.1/135.9
D27	1750002020	S.DIO DA2S10100L	B	57.2/140.4
D28	1720000702	S.VAR 1SV305H3F	B	36.0/134.2
D29	1720000702	S.VAR 1SV305H3F	B	37.2/134.4
D31	1720000702	S.VAR 1SV305H3F	B	32.4/135.4
D32	1720000702	S.VAR 1SV305H3F	B	32.4/136.6
D33	1790001622	S.DIO 1SV308L3F	B	37.8/144.2
D34	1790001622	S.DIO 1SV308L3F	B	85.5/137.8
D35	1720000702	S.VAR 1SV305H3F	B	28.2/134.5
D37	1750000702	S.VAR 1SV305H3F	B	27.0/134.5
D38	1750002190	S.DIO JDP2S12CR(TE85LQ)	B	87.8/135.7
D40	1750000370	S.DIO DA221 TL	T	112.7/77.0
D44	1750002190	S.DIO JDP2S12CR(TE85LQ)	B	92.0/125.8
D45	1790001670	S.DIO RB706F-40T106	B	96.3/138.1
D46	1750001850	S.DIO LDAN222T1G	T	13.3/131.2
D47	1750001850	S.DIO LDAN222T1G	T	13.3/129.2
D48	1790001670	S.DIO RB706F-40T106	B	118.5/144.5
D49	1790001670	S.DIO RB706F-40T106	B	140.9/133.1
D51	1750002020	S.DIO DA2S10100L	T	10.6/127.1
D53	1790001810	S.VAR AVR-M1005C080MTABB	T	32.5/11.5
D55	1790001810	S.VAR AVR-M1005C080MTABB	T	30.5/11.5
D56	1790001810	S.VAR AVR-M1005C080MTABB	B	34.1/21.1
D59	1790000700	DIO DSA3A1		
D61	1160000070	S.DIO DAN202K T146	T	118.5/14.3
Eqv.	1750000021	S.DIO 1SS184(TE85RF)		
Eqv.	1750002420	S.DIO LDAN202KLT1G		
D62	1750000431	S.DIO HSB88WSTR-E	B	68.3/123.3
D63	1750002020	S.DIO DA2S10100L	B	34.5/19.8
D64	1750000370	S.DIO DA221 TL	T	63.2/93.9
D65	1750000370	S.DIO DA221 TL	T	65.2/93.9
D66	1750000370	S.DIO DA221 TL	T	67.2/93.9
D67	1750000370	S.DIO DA221 TL	T	62.0/105.7
D68	1750000370	S.DIO DA221 TL	T	60.0/105.1
D69	1750000370	S.DIO DA221 TL	T	69.2/93.9
D70	1750000370	S.DIO DA221 TL	T	71.2/93.9
D71	1750000370	S.DIO DA221 TL	T	69.4/109.5
D72	1750000370	S.DIO DA221 TL	T	71.5/109.5
D73	1750000370	S.DIO DA221 TL	T	74.4/109.6
D74	1750000370	S.DIO DA221 TL	T	76.4/109.6
D75	1750002020	S.DIO DA2S10100L	B	41.1/38.7
D76	1750002020	S.DIO DA2S10100L	B	26.5/41.3
D77	1750002020	S.DIO DA2S10100L	B	49.2/29.9
D78	1750002130	S.ZEN DZ2J062M0L	B	52.3/29.9
D81	1750002020	S.DIO DA2S10100L	T	141.8/123.7

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
F11	2020001520	CER CFWLA450KFFA-B0 (CFW5450F) LTW450HT		
F12	2020002510	CER DSF753SBF 46.35 MHz (FL-401)	B	72.0/101.1
F13	2030000500	S.MON DSF753SBF 46.35 MHz (FL-420)	B	63.6/91.2
F14	2030000670	S.MON NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/110.3
F15	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)		
F16	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/113.5
F17	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/116.6
X1	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	130.3/44.9
X2	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	39.8/71.3
X3	6070000300	S.DIS JTBM450CX24	B	63.5/83.5
X4	6050012932	S.XTA CR-886B DSA321SDN 12.288 MHz	B	52.9/38.3
X5	6050012680	S.XTA CR-858(SMD-49/18.432 MHz)	T	46.9/52.8
L1	6200004660	S.COI MLF1608A 1R8K-T	T	118.6/36.7
L2	6200004660	S.COI MLF1608A 1R8K-T	B	23.7/82.4
L3	6200004480	S.COI MLF1608D R82K-T	B	41.4/79.4
L4	6200003540	S.COI MLF1608D R22K-T	B	39.5/76.7
L5	6200005701	S.COI ELJRE 22NGFA	B	102.3/48.8
L6	6200005701	S.COI ELJRE 22NGFA	B	46.7/102.2
L8	6200004741	S.COI NLV25T-1R2J-PF	B	28.5/121.7
L9	6200004741	S.COI NLV25T-1R2J-PF	B	28.5/124.9
L10	6200004741	S.COI NLV25T-1R2J-PF	B	28.5/114.1
L11	6200004741	S.COI NLV25T-1R2J-PF	B	83.7/63.1
L12	6200004741	S.COI NLV25T-1R2J-PF	B	83.7/54.6
L13	6200004741	S.COI NLV25T-1R2J-PF	B	30.6/117.2
L14	6200004741	S.COI NLV25T-1R2J-PF	B	84.2/66.2
L15	6200004741	S.COI NLV25T-1R2J-PF	B	84.2/57.7
L18	6200013720	S.COI C3328A-8N0G-A	B	88.7/63.1
L19	6200013720	S.COI C3328A-8N0G-A	B	89.8/54.0
L20	6200010280	S.COI C3328A-14NG-A	B	33.2/121.7
L21	6200010280	S.COI C3328A-14NG-A	B	34.7/113.1
L22	6200003550	S.COI MLF1608A 4R7K-T	B	73.4/109.9
L23	6200002861	S.COI NLV25T-4R7J-PF	B	57.6/108.9
L24	6200010740	S.COI C2520C-R27G-A	B	70.0/109.1
L25	6200004741	S.COI NLV25T-1R2J-PF	B	97.1/64.6
L26	6200004741	S.COI NLV25T-1R2J-PF	B	98.1/53.9
L27	6130002961	S.COI #617DB-1327=P3	B	68.3/117.0
L28	6200005731	S.COI ELJRE 39NGFA	B	62.3/123.6
L29	6200005721	S.COI ELJRE 33NGFA	B	102.6/58.6
L30	6200005721	S.COI ELJRE 33NGFA	B	46.9/116.2
L31	6200002861	S.COI NLV25T-4R7J-PF	T	91.1/20.0
L32	6130002961	S.COI #617DB-1327=P3	B	68.3/128.7
L33	6200005741	S.COI ELJRE 47NGFA	B	47.3/107.1
L34	6200005711	S.COI ELJRE 27NGFA	B	61.1/117.5
L35	6200005741	S.COI ELJRE 47NGFA	B	102.7/51.6
L36	6200005711	S.COI ELJRE 27NGFA	B	44.3/123.1
L37	6200005711	S.COI ELJRE 27NGFA	B	61.1/120.1
L38	6200005711	S.COI ELJRE 27NGFA	B	100.0/64.4
L39	6200009390	S.COI C3328A-8N0J-A	B	70.8/137.3
L40	6200009390	S.COI C3328A-8N0J-A	B	59.5/135.7
L41	6200009320	S.COI C3328A-12NG-A	B	51.4/136.3
L42	6200005711	S.COI ELJRE 27NGFA	B	134.8/83.9
L43	6200005711	S.COI ELJRE 27NGFA	B	142.0/87.2
L44	6200009700	S.COI C6328A-28NG-A	B	41.9/136.3
L46	6200005701	S.COI ELJRE 22NGFA	B	142.0/94.6
L47	6200009700	S.COI C6328A-28NG-A	B	34.8/140.3
L49	6200010040	S.COI AS100340-10N-A	B	95.5/119.7
L50	6200005691	S.COI ELJRE 18NGFA	B	88.1/137.7
L51	6200010290	S.COI C6328A-22NG-A	B	24.6/138.3
L52	6200010420	S.COI FHW1210HC 1R0JGT	B	86.6/122.4
L53	6200010150	S.COI AS080340-15N	B	92.5/134.4
L54	6200010150	S.COI AS080340-15N	B	99.8/133.9
L55	6200010150	S.COI AS080340-15N	B	107.6/135.9
L56	6200010150	S.COI AS080340-15N	B	114.4/139.0
L57	6200010150	S.COI AS080340-15N	B	144.7/142.1
L58	6200002861	S.COI NLV25T-4R7J-PF	T	55.4/37.5
L59	6200010420	S.COI FHW1210HC 1R0JGT	B	147.2/146.2
L60	6200010420	S.COI FHW1210HC 1R0JGT	B	24.5/145.0
L61	6200002961	S.COI NLV32T-4R7J-PF	T	118.5/23.8
L65	6200004741	S.COI NLV25T-1R2J-PF	B	41.3/123.3
L66	6200004741	S.COI NLV25T-1R2J-PF	B	42.8/113.5
L70	6200009320	S.COI C3328A-12NG-A	T	28.5/141.5
R1	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	54.5/63.5
R2	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	59.0/61.8
R3	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	62.4/69.6
R4	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	57.3/80.1
R6	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	9.5/57.1

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R7	7030010040	S.RES ERJ2GEJ-JPW	T	61.6/66.3
R8	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	24.9/70.4
R9	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	25.8/70.4
R10	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	26.7/70.4
R12	7510001730	S.THE ERTJ0EP 47J3	B	132.5/47.4
R13	7030005490	S.RES ERJ2GEJ 104 X (100K)	B	130.8/47.0
R15	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	54.6/78.3
R17	7030004980	S.RES ERJ2GEJ 101 X (100)	T	19.8/68.9
R18	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	55.4/79.2
R20	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	56.2/63.5
R22	7410001130	S.ARR EXB28V102JX	B	123.2/39.0
R23	7410001130	S.ARR EXB28V102JX	B	27.7/78.4
R25	7030004970	S.RES ERJ2GEJ 470 X (47)	B	65.3/79.4
R26	7030010040	S.RES ERJ2GEJ-JPW	T	57.9/64.5
R27	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	57.9/51.0
R29	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	37.5/74.8
R30	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	52.8/81.2
R32	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	51.6/78.0
R33	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	48.5/78.2
R34	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	27.1/68.1
R35	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	28.0/68.1
R36	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	28.9/68.1
R38	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	27.7/70.4
R39	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	28.6/70.4
R40	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	29.5/70.4
R41	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	68.2/78.2
R42	7030007060	S.RES ERJ2GEJ 684X (680K)	B	38.0/76.0
R44	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	71.4/78.2
R45	7030005570	S.RES ERJ2GEJ 820 X (82)	B	64.6/75.5
R46	7030005000	S.RES ERJ2GEJ 471 X (470)	T	52.7/57.1
R47	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	64.6/76.4
R48	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	62.8/76.4
R49	7030010040	S.RES ERJ2GEJ-JPW	T	55.2/57.0
R52	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/56.0
R53	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	16.8/57.7
R54	7030005000	S.RES ERJ2GEJ 471 X (470)	B	19.5/64.3
R56	7030010040	S.RES ERJ2GEJ-JPW	T	118.3/44.2
R57	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	B	62.8/75.5
R58	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	56.5/49.0
R59	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	57.4/49.0
R60	7030010040	S.RES ERJ2GEJ-JPW	B	35.7/73.2
R62	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	18.5/62.5
R63	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	55.5/60.1
R65	7030010040	S.RES ERJ2GEJ-JPW	B	126.4/46.9
R66	7030004980	S.RES ERJ2GEJ 101 X (100)	B	56.5/50.6
R68	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	67.5/86.8
R69	7030011910	S.RES ERJ2GEJ 106 X (10M)	B	20.8/86.3
R72	7030004980	S.RES ERJ2GEJ 101 X (100)	B	57.6/44.2
R75	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	45.1/70.8
R76	7030010040	S.RES ERJ2GEJ-JPW	B	91.3/42.3
R77	7030005580	S.RES ERJ2GEJ 560 X (56)	B	102.3/46.8
R78	7030010040	S.RES ERJ2GEJ-JPW	B	35.9/101.0
R79	7030005580	S.RES ERJ2GEJ 560 X (56)	B	44.7/99.8
R80	7030004970	S.RES ERJ2GEJ 470 X (47)	B	41.9/56.5
R81	7030007250	S.RES ERJ2GEJ 220 X (22)	B	49.9/50.5
R82	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	56.0/44.2
R84	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	97.2/45.4
R85	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	42.3/104.8
R87	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	73.8/81.2
R88	7030005530	S.RES ERJ2GEJ 100 X (10)	B	44.2/70.8
R89	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	67.2/83.2
R90	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	T	53.0/72.2
R91	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	96.3/45.4
R92	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	88.5/41.1
R93	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	40.5/104.8
R94	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	32.6/99.5
R97	7410001170	S.ARR EXB28V470JX	B	42.9/49.9
R98	7030005530	S.RES ERJ2GEJ 100 X (10)	B	70.7/90.4
R99	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	70.7/91.3
R100	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	69.1/92.3
R101	7030004980	S.RES ERJ2GEJ 101 X (100)	B	87.9/45.7
R102	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.9/104.8
R103	7030004980	S.RES ERJ2GEJ 101 X (100)	B	32.3/103.7
R104	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	87.9/47.4
R105	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	36.5/107.8
R106	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	32.3/105.4
R107	7030004980	S.RES ERJ2GEJ 101 X (100)	B	91.9/45.5
R108	7030005810	S.RES RR0510P-152-D (1.5K)	B	91.6/43.6
R109	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	65.7/100.1
R110	7030005810	S.RES RR0510P-152-D (1.5K)	B	36.1/103.1
R111	7030011910	S.RES ERJ2GEJ 106 X (10M)	B	26.6/87.8
R112	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	87.9/49.1
R113	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.3/107.1
R114	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	69.4/94.8
R115	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	66.8/96.2
R116	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	92.1/48.8
R117	7030011920	S.RES RR0510P-561-D (560)	B	91.7/47.6

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R118	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.8/94.8
R119	7030007270	S.RES ERJ2GEJ 151 X (150)	B	67.2/90.0
R120	7030011920	S.RES RR0510P-561-D (560)	B	36.0/106.4
R121	7030009280	S.RES ERJ2GEJ 391 X	B	28.0/108.1
R122	7030004970	S.RES ERJ2GEJ 470 X (47)	B	56.7/33.9
R123	7030004970	S.RES ERJ2GEJ 470 X (47)	B	49.5/38.5
R124	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.3/38.3
R125	7030009280	S.RES ERJ2GEJ 391 X	B	83.4/49.9
R126	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	95.5/43.5
R127	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	61.2/51.0
R128	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	40.5/103.1
R129	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.3/35.1
R130	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	56.2/36.7
R131	7030005010	S.RES ERJ2GEJ 681 X (680)	B	54.3/32.5
R132	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	50.8/34.9
R133	7030007280	S.RES ERJ2GEJ 331 X (330)	B	67.6/104.4
R134	7030007270	S.RES ERJ2GEJ 151 X (150)	B	62.7/97.1
R136	7030011910	S.RES ERJ2GEJ 106 X (10M)	B	114.2/62.8
R137	7030011910	S.RES ERJ2GEJ 106 X (10M)	B	115.2/57.3
R140	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	63.8/101.1
R142	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	65.7/103.1
R143	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	48.6/38.5
R144	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	48.6/36.9
R145	7030004970	S.RES ERJ2GEJ 470 X (47)	B	47.7/36.9
R146	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	98.7/47.2
R147	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	B	99.6/47.2
R148	7030004980	S.RES ERJ2GEJ 101 X (100)	B	59.3/106.8
R149	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	98.4/48.8
R150	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	91.5/66.6
R151	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	88.9/58.2
R152	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	65.2/107.0
R153	7030005000	S.RES ERJ2GEJ 471 X (470)	B	61.4/104.4
R154	7030006020	S.RES RR0510P-682-D (6.8K)	B	36.8/121.9
R155	7030006020	S.RES RR0510P-682-D (6.8K)	B	36.5/120.7
R156	7030006020	S.RES RR0510P-682-D (6.8K)	B	37.4/112.2
R157	7030005530	S.RES ERJ2GEJ 100 X (10)	B	92.4/66.6
R158	7030005530	S.RES ERJ2GEJ 100 X (10)	B	88.9/57.2
R159	7030005530	S.RES ERJ2GEJ 100 X (10)	B	65.2/106.1
R160	7030010040	S.RES ERJ2GEJ-JPW	B	36.8/123.7
R161	7030006020	S.RES RR0510P-682-D (6.8K)	B	37.6/113.5
R162	7030010040	S.RES ERJ2GEJ-JPW	B	37.6/115.3
R163	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.4/62.0
R164	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.7/52.9
R165	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	92.4/65.2
R166	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	93.1/56.3
R167	7030007250	S.RES ERJ2GEJ 220 X (22)	B	58.3/111.1
R168	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.4/63.4
R169	7030006020	S.RES RR0510P-682-D (6.8K)	B	93.1/54.5
R171	7030011920	S.RES RR0510P-561-D (560)	B	41.0/120.7
R172	7030009820	S.RES RR0510P-681-D (680)	B	97.0/62.0
R173	7030009820	S.RES RR0510P-681-D (680)	B	97.0/56.5
R174	7030005000	S.RES ERJ2GEJ 471 X (470)	B	41.4/115.7
R175	7030005530	S.RES ERJ2GEJ 100 X (10)	B	73.6/108.8
R176	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	100.5/56.8
R177	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	44.9/114.4
R178	7030004980	S.RES ERJ2GEJ 101 X (100)	B	100.5/55.9
R179	7030004980	S.RES ERJ2GEJ 101 X (100)	B	44.9/113.5
R180	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	38.1/108.5
R181	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	96.5/47.6
R182	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	68.5/107.0
R185	7030010040	S.RES ERJ2GEJ-JPW	B	62.3/117.5
R186	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	39.2/50.8
R187	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	41.5/56.1
R188	7410001150	S.ARR EXB28V471JX	T	48.6/41.1
R189	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	55.7/39.6
R190	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	43.3/56.1
R191	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	44.0/109.1
R192	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	44.9/109.1
R194	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	100.5/51.7
R195	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	100.5/53.4
R196	7030007260	S.RES ERJ2GEJ 330 X (33)	B	48.0/120.7
R197	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	40.5/50.6
R198	7030007260	S.RES ERJ2GEJ 330 X (33)	B	103.7/62.0
R199	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	67.6/57.5
R200	7030004980	S.RES ERJ2GEJ 101 X (100)	B	43.1/122.6
R201	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	48.0/122.6
R202	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	41.4/48.6
R204	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	54.8/39.6
R205	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	34.5/57.9
R207	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	103.7/64.0
R208	7030010040	S.RES ERJ2GEJ-JPW	B	46.2/120.7
R209	7030005000	S.RES ERJ2GEJ 471 X (470)	T	67.6/56.0
R212	7410001140	S.ARR EXB28V104JX	T	52.5/41.1
R213	7030005530	S.RES ERJ2GEJ 100 X (10)	T	41.4/47.7
R214	7030004980	S.RES ERJ2GEJ 101 X (100)	B	98.9/64.0
R215	7030010040	S.RES ERJ2GEJ-JPW	B	100.9/62.0
R216	7410001140	S.ARR EXB28V104JX	T	17.5/52.3

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R217	7410001140	S.ARR EXB28V104JX	T	38.6/56.2
R218	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	65.0/137.9
R220	7410001140	S.ARR EXB28V104JX	T	15.2/50.7
R222	7410001140	S.ARR EXB28V104JX	T	36.1/56.0
R223	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	64.0/136.3
R224	7410001150	S.ARR EXB28V471JX	T	30.5/53.1
R225	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	64.0/137.9
R226	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	57.2/136.1
R227	7410001150	S.ARR EXB28V471JX	T	42.9/28.9
R230	7410001150	S.ARR EXB28V471JX	T	28.7/50.9
R231	7030007270	S.RES ERJ2GEJ 151 X (150)	B	55.0/138.0
R232	7410001150	S.ARR EXB28V471JX	T	26.0/49.4
R233	7030005530	S.RES ERJ2GEJ 100 X (10)	B	54.1/136.1
R234	7410001150	S.ARR EXB28V471JX	T	43.6/25.6
R235	7410001150	S.ARR EXB28V471JX	T	24.2/47.6
R236	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	133.2/82.8
R237	7030004970	S.RES ERJ2GEJ 470 X (47)	B	48.4/138.3
R238	7410001150	S.ARR EXB28V471JX	T	45.8/29.0
R239	7410001150	S.ARR EXB28V471JX	T	22.5/45.8
R240	7030004980	S.RES ERJ2GEJ 101 X (100)	B	135.8/84.5
R241	7030005710	S.RES ERJ2GEJ 121 X (120)	B	48.4/133.8
R242	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	47.4/138.3
R243	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.4/138.3
R244	7410001150	S.ARR EXB28V471JX	T	39.7/25.6
R245	7410001150	S.ARR EXB28V471JX	T	20.3/42.5
R246	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	44.4/136.1
R247	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	47.4/140.4
R248	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	137.4/85.8
R253	7030004970	S.RES ERJ2GEJ 470 X (47)	B	138.9/85.4
R255	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	51.1/140.4
R257	7410001140	S.ARR EXB28V104JX	T	14.5/45.7
R258	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	58.3/140.4
R259	7030005170	S.RES ERJ2GEJ 474 X (470K)	B	56.1/140.4
R260	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	144.6/121.4
R261	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	52.6/25.3
R262	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	52.1/220.8
R263	7410001140	S.ARR EXB28V104JX	B	42.9/19.0
R264	7410001140	S.ARR EXB28V104JX	T	50.3/24.0
R265	7030007280	S.RES ERJ2GEJ 331 X (330)	T	143.0/121.4
R266	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	34.6/133.6
R267	7410001140	S.ARR EXB28V104JX	T	14.8/43.1
R268	7410001150	S.ARR EXB28V471JX	T	45.9/31.9
R270	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.7/134.1
R271	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	23.8/26.7
R272	7410001150	S.ARR EXB28V471JX	T	17.9/32.3
R273	7410001150	S.ARR EXB28V471JX	T	17.9/35.1
R274	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	31.6/134.1
R277	7030004980	S.RES ERJ2GEJ 101 X (100)	T	143.4/126.6
R278	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	14.0/65.6
R279	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	103.7/88.5
R280	7030004990	S.RES ERJ2GEJ 221 X (220)	T	138.4/128.2
R281	7410001150	S.ARR EXB28V471JX	T	21.3/31.8
R282	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	37.9/20.4
R283	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	141.6/126.6
R285	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	101.7/79.6
R286	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	29.5/133.7
R287	7410001140	S.ARR EXB28V104JX	T	49.7/27.7
R288	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	136.9/124.7
R289	7030006070	S.RES ERJ12YJ101U (100)	B	87.0/117.6
R290	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	137.3/122.6
R291	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	140.6/123.1
R292	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	139.4/128.2
R295	7030006610	S.RES ERJ2GEJ 394 X (390K)	T	136.4/122.6
R296	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	121.9/77.2
R297	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	122.9/77.2
R298	7030000440	S.RES MCR10EZJH 3.3K (332)	T	120.5/77.2
R299	7030004980	S.RES ERJ2GEJ 101 X (100)	B	29.1/19.4
R300	7030005530	S.RES ERJ2GEJ 100 X (10)	T	47.6/73.1
R301	7030008300	S.RES ERJ2GEJ 184 X (180K)	B	85.8/131.0
R303	7410001150	S.ARR EXB28V471JX	T	47.7/68.4
R304	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	95.4/136.0
R306	7520000261	S.POS PRF18BB471QB5RB	B	87.3/130.2
R308	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	T	140.8/128.3
R309	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	102.3/75.7
R313	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	103.5/77.8
R315	7030005700	S.RES ERJ2GEJ 274 X (270K)	B	98.6/137.4
R316	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	11.2/128.2
R320	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	15.1/124.2
R321	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	119.6/142.2
R322	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	119.7/146.3
R324	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	31.3/12.0
R325	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	32.3/12.0
R326	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	13.2/125.8
R327	7030001090	S.RES MCR50JZJH 47 (470)	B	119.0/130.6
R328	7030000260	S.RES MCR10EZJH 100 (101)	B	139.3/144.4
R331	7030004980	S.RES ERJ2GEJ 101 X (100)	T	12.0/120.0
R332	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	139.5/135.1

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R333	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	139.4/131.4
R334	7030005651	S.RES ERA3YKD 304V (300K)	T	57.8/30.5
R335	7030005871	S.RES ERA3YKD 104V (100K)	T	55.9/29.8
R336	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	12.0/120.9
R337	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	12.2/120.6
R339	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	12.0/125.3
R341	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	33.3/12.0
R342	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	45.3/56.9
R346	7410001150	S.ARR EXB28V471JX	T	43.6/73.8
R347	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	9.9/132.9
R348	7030000620	S.RES MCR10EZJH 100 K (104)	B	147.3/150.9
R349	7030000620	S.RES MCR10EZJH 100 K (104)	B	26.0/149.7
R350	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	6.4/131.1
R352	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	10.8/125.6
R353	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.8/56.9
R354	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	125.2/103.7
R355	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	129.2/103.7
R356	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	10.8/133.9
R357	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	10.2/150.2
R362	7540000290	ABS ERZV10D220		
R364	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	65.1/71.2
R365	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	7.5/120.7
R366	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	6.3/122.9
R367	7030004980	S.RES ERJ2GEJ 101 X (100)	T	9.8/117.3
R368	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	8.6/117.8
R369	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	9.8/118.2
R370	7030008280	S.RES ERJ2GEJ 271 X (270)	T	6.2/120.7
R371	7030010040	S.RES ERJ2GEJ-JPW	T	5.1/117.3
R372	7030005000	S.RES ERJ2GEJ 471 X (470)	T	115.3/15.8
R373	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	115.3/14.0
R374	7030000140	S.RES MCR10EZJH 10 (100)	T	111.2/12.3
R375	7030010040	S.RES ERJ2GEJ-JPW	T	100.1/16.3
R376	7030004980	S.RES ERJ2GEJ 101 X (100)	B	62.3/122.2
R377	7030005000	S.RES ERJ2GEJ 471 X (470)	B	62.3/124.7
R378	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	63.2/126.1
R379	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	59.6/126.1
R380	7030007260	S.RES ERJ2GEJ 330 X (33)	B	57.8/123.7
R381	7030010040	S.RES ERJ2GEJ-JPW	B	61.4/126.1
R424	7410001150	S.ARR EXB28V471JX	T	46.3/42.9
R425	7410001150	S.ARR EXB28V471JX	T	36.9/23.0
R426	7410001150	S.ARR EXB28V471JX	T	47.9/33.9
R427	7030005000	S.RES ERJ2GEJ 471 X (470)	T	25.5/26.7
R428	7410001140	S.ARR EXB28V104JX	T	47.9/22.4
R429	7410001140	S.ARR EXB28V104JX	T	49.8/30.2
R430	7410001140	S.ARR EXB28V104JX	T	52.4/43.7
R431	7410001150	S.ARR EXB28V471JX	T	17.9/140.3
R432	7410001140	S.ARR EXB28V104JX	T	15.2/48.2
R433	7410001150	S.ARR EXB28V471JX	T	40.0/22.7
R434	7410000750	S.ARR EXB-V4V 104JV (100K)	B	36.8/48.3
R435	7410001140	S.ARR EXB28V104JX	B	39.2/47.6
R436	7410001140	S.ARR EXB28V104JX	B	44.4/41.2
R438	7410001140	S.ARR EXB28V104JX	B	34.5/47.8
R443	7030005000	S.RES ERJ2GEJ 471 X (470)	T	60.4/59.2
R444	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/33.6
R445	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/36.1
R446	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/37.4
R448	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	49.8/19.2
R449	7030005170	S.RES ERJ2GEJ 474 X (470K)	T	39.5/19.3
R450	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	50.2/17.1
R452	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	51.0/19.0
R454	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	95.0/2.8
R455	7030005010	S.RES ERJ2GEJ 681 X (680)	B	125.0/2.8
R456	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	110.0/2.8
R467	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	37.7/44.6
R468	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	26.3/44.6
R469	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	32.6/44.6
R470	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	10.9/20.2
R471	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	47.7/44.2
R472	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	4.8/36.1
R473	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.2/44.6
R474	7030005530	S.RES ERJ2GEJ 100 X (10)	B	15.6/55.4
R475	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	9.6/53.2
R476	7030008270	S.RES RR0510P-104-D (100K)	B	15.0/53.5
R477	7030005860	S.RES RR0510P-823-D (82K)	B	15.0/52.6
R478	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	9.2/54.8
R479	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	64.2/69.6
R480	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	15.3/63.9
R481	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	14.0/63.5
R482	7410001150	S.ARR EXB28V471JX	T	19.6/45.2
R483	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	31.3/56.5
R484	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	28.8/50.9
R485	7410001150	S.ARR EXB28V471JX	T	67.3/97.1
R486	7410001150	S.ARR EXB28V471JX	T	63.9/107.0
R487	7410001150	S.ARR EXB28V471JX	T	74.0/107.3
R488	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	T	9.5/54.9
R489	7030004980	S.RES ERJ2GEJ 101 X (100)	B	24.1/58.7
R490	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	28.3/58.4

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R491	7030004980	S.RES ERJ2GEJ 101 X (100)	B	26.1/51.2
R492	7030005060	S.RES ERJ2GEJ 333 X (33K)	B	29.9/58.9
R493	7030010040	S.RES ERJ2GEJ-JPW	T	11.3/109.0
R494	7030005000	S.RES ERJ2GEJ 471 X (470)	T	73.8/99.0
R495	7030007060	S.RES ERJ2GEJ 684X (680K)	T	55.2/55.3
R496	7030010030	S.RES ERJ2RHD 9102X (91.0K)	T	52.7/56.2
R497	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	52.7/55.3
R498	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	61.4/103.1
R499	7030004980	S.RES ERJ2GEJ 101 X (100)	T	24.4/57.0
R500	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	21.2/57.5
R501	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	22.8/53.8
R502	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	28.0/55.0
R503	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	55.5/58.4
R505	7030010040	S.RES ERJ2GEJ-JPW	T	113.4/18.3
R506	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	113.4/19.3
R507	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	115.0/49.0
R508	7030010040	S.RES ERJ2GEJ-JPW	T	144.6/119.6
R509	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	33.3/15.2
R510	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	29.0/14.1
R511	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	29.1/18.5
R512	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.8/18.5
R513	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.3/90.4
R530	7030005060	S.RES ERJ2GEJ 333 X (33K)	T	62.5/66.3
R532	7030005000	S.RES ERJ2GEJ 471 X (470)	B	44.6/37.0
R533	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	57.2/18.4
R534	7030005060	S.RES ERJ2GEJ 273 X (27K)	B	45.3/58.6
R535	7030004980	S.RES ERJ2GEJ 101 X (100)	B	55.8/55.3
R536	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	55.8/58.6
R537	7030010040	S.RES ERJ2GEJ-JPW	B	41.8/41.1
R539	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	64.2/71.2
R540	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	90.6/17.9
R541	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	28.9/55.0
R542	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	43.7/72.9
R543	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	46.0/70.8
R544	7030005000	S.RES ERJ2GEJ 471 X (470)	B	143.1/91.4
R545	7030005000	S.RES ERJ2GEJ 471 X (470)	B	143.1/90.5
R546	7030010430	S.RES ERJ2GEJ 120 X (12)	B	141.9/91.0
R548	7030001070	S.RES MCR50JZHJ 33 (330)	T	87.0/33.3
R549	7030001070	S.RES MCR50JZHJ 33 (330)	T	87.0/30.2
R551	7030010040	S.RES ERJ2GEJ-JPW	B	15.5/60.5
R553	7030010040	S.RES ERJ2GEJ-JPW	B	15.9/59.3
R557	7030010040	S.RES ERJ2GEJ-JPW	B	10.3/62.6
R560	7030006610	S.RES ERJ2GEJ 394 X (390K)	T	140.8/130.2
R561	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	140.8/131.1
R562	7410001170	S.ARR EXB28V470JX	B	32.3/49.8
R563	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	42.1/62.4
R565	7030010040	S.RES ERJ2GEJ-JPW	B	15.3/62.2
R566	7030004990	S.RES ERJ2GEJ 221 X (220)	T	141.4/121.5
R600	7030010040	S.RES ERJ2GEJ-JPW	B	124.6/41.5
R601	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	124.6/42.4
R602	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	124.6/43.3
R603	7030010040	S.RES ERJ2GEJ-JPW	B	118.3/48.0
R604	7030010040	S.RES ERJ2GEJ-JPW	T	119.2/41.5
R605	7030010040	S.RES ERJ2GEJ-JPW	B	121.1/49.7
R606	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	90.2/40.7
R607	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	92.3/41.2
R609	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	120.9/38.5
R610	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	126.0/45.6
R611	7030010040	S.RES ERJ2GEJ-JPW	B	31.0/78.3
R612	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	31.9/78.3
R613	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.8/78.3
R614	7030010040	S.RES ERJ2GEJ-JPW	B	37.5/84.2
R615	7030010040	S.RES ERJ2GEJ-JPW	T	32.4/81.0
R616	7030010040	S.RES ERJ2GEJ-JPW	B	39.3/81.5
R617	7030010040	S.RES ERJ2GEJ-JPW	T	33.3/84.5
R618	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	33.8/99.2
R619	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	35.4/99.2
R621	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	28.5/80.9
R622	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	35.3/72.0
R623	7030004970	S.RES ERJ2GEJ 470 X (47)	T	30.3/22.3
R624	7030004970	S.RES ERJ2GEJ 470 X (47)	T	30.3/23.2
R629	7030004970	S.RES ERJ2GEJ 470 X (47)	T	45.1/23.6
R632	7030004970	S.RES ERJ2GEJ 470 X (47)	T	44.1/22.7
R633	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	118.1/61.6
R634	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	117.2/61.6
R635	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	36.3/74.8
R636	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	33.5/75.1
R637	7030008370	S.RES ERJ2GEJ 561 X (560)	B	49.8/78.0
R638	7030005710	S.RES ERJ2GEJ 121 X (120)	B	18.8/37.5
C1	4030017420	S.CER C1005 CH 1H 470J-T	B	122.3/37.0
C2	4030017420	S.CER C1005 CH 1H 470J-T	B	25.8/79.3
C3	4030016930	S.CER C1005 JB 1A 104K-T	B	130.8/48.3
C4	4030017420	S.CER C1005 CH 1H 470J-T	B	126.9/37.1
C5	4030017420	S.CER C1005 CH 1H 470J-T	B	21.0/78.3
C6	4030016930	S.CER C1005 JB 1A 104K-T	B	52.5/78.0

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C7	4030017420	S.CER C1005 CH 1H 470J-T	B	124.2/36.3
C8	4030017420	S.CER C1005 CH 1H 470J-T	B	21.0/79.2
C9	4030017460	S.CER C1005 JB 1H 102K-T	T	17.6/59.0
C10	4030016930	S.CER C1005 JB 1A 104K-T	B	55.8/78.0
C11	4030016930	S.CER C1005 JB 1A 104K-T	B	125.6/39.9
C12	4030016930	S.CER C1005 JB 1A 104K-T	B	21.0/77.4
C13	4030016930	S.CER C1005 JB 1A 104K-T	B	55.6/80.7
C14	4030017460	S.CER C1005 JB 1H 102K-T	T	16.1/59.9
C15	4030016930	S.CER C1005 JB 1A 104K-T	B	62.4/67.5
C16	4030017420	S.CER C1005 CH 1H 470J-T	T	56.2/64.5
C17	4030016930	S.CER C1005 JB 1A 104K-T	T	120.1/38.2
C18	4030017700	S.CER C1005 CH 1H 151J-T	T	62.4/71.2
C19	4030016930	S.CER C1005 JB 1A 104K-T	B	25.7/82.7
C20	4550006250	S.TAN TEESVA 1A 106M8R	T	123.9/39.5
Eqv.	4550007520	S.TAN F931A106MAABMA		
C21	4550006250	S.TAN TEESVA 1A 106M8R	B	19.8/82.1
Eqv.	4550007520	S.TAN F931A106MAABMA		
C22	4030016930	S.CER C1005 JB 1A 104K-T	B	50.7/78.0
C23	4030016930	S.CER C1005 JB 1A 104K-T	T	57.9/52.7
C24	4030016930	S.CER C1005 JB 1A 104K-T	B	50.3/81.2
C25	4030016930	S.CER C1005 JB 1A 104K-T	B	54.4/81.2
C26	4030017460	S.CER C1005 JB 1H 102K-T	T	121.0/38.2
C27	4030017460	S.CER C1005 JB 1H 102K-T	B	26.6/82.7
C28	4030016930	S.CER C1005 JB 1A 104K-T	B	53.4/78.0
C30	4030017460	S.CER C1005 JB 1H 102K-T	T	59.8/67.1
C31	4030016930	S.CER C1005 JB 1A 104K-T	T	60.6/53.1
C32	4030017590	S.CER C1005 CH 1H 070C-T	B	40.3/79.5
C33	4030016930	S.CER C1005 JB 1A 104K-T	T	58.9/67.1
C34	4030017570	S.CER C1005 CH 1H 040B-T	B	39.0/78.7
C35	4030016930	S.CER C1005 JB 1A 104K-T	B	40.9/76.9
C36	4030017500	S.CER C1005 CH 1H 560J-T	B	39.0/79.6
C37	4030016930	S.CER C1005 JB 1A 104K-T	B	48.5/79.8
C38	4030016930	S.CER C1005 JB 1A 104K-T	B	69.8/78.2
C39	4030017360	S.CER C1005 CH 1H 030B-T	B	71.4/77.3
C40	4030017760	S.CER C1005 JB 1H 222K-T	B	68.2/77.3
C41	4030020450	S.CER C1005 JB 0J 475M-T	B	32.0/57.2
C42	4030017760	S.CER C1005 JB 1H 222K-T	B	68.2/76.4
C43	4030016930	S.CER C1005 JB 1A 104K-T	B	55.6/49.0
C44	4030018860	S.CER C1005 JB 0J 105K-T	B	33.9/57.2
C45	4030016950	S.CER C1005 JB 1A 473K-T	B	37.6/55.9
C47	4030017460	S.CER C1005 JB 1H 102K-T	B	64.6/77.3
C48	4030016930	S.CER C1005 JB 1A 104K-T	T	52.7/54.4
C49	4030018860	S.CER C1005 JB 0J 105K-T	B	15.5/58.1
C50	4030016790	S.CER C1005 JB 1E 103K-T	B	133.6/45.1
C51	4030017620	S.CER C1005 CH 1H 100C-T	B	126.9/45.6
C52	4030017920	S.CER C1005 JB 1A 683K-T	B	117.4/40.4
C53	4030016930	S.CER C1005 JB 1A 104K-T	B	29.5/84.9
C54	4030017660	S.CER C1005 CH 1H 330J-T	B	35.4/75.8
C56	4030016950	S.CER C1005 JB 1A 473K-T	B	33.7/54.0
C58	4030017920	S.CER C1005 JB 1A 683K-T	B	28.6/84.9
C59	4030017460	S.CER C1005 JB 1H 102K-T	B	35.7/74.3
C60	4030017620	S.CER C1005 CH 1H 100C-T	B	36.2/72.0
C61	4030018900	S.CER C1005 JB 0J 474K-T	B	18.1/63.9
C63	4030016930	S.CER C1005 JB 1A 104K-T	T	55.5/61.7
C66	4030017460	S.CER C1005 JB 1H 102K-T	B	125.1/47.3
C67	4030017460	S.CER C1005 JB 1H 102K-T	B	67.5/87.7
C70	4030017460	S.CER C1005 JB 1H 102K-T	B	64.3/79.4
C71	4030016930	S.CER C1005 JB 1A 104K-T	B	57.6/43.3
C73	4030016970	S.CER C1005 JB 1E 223K-T	B	98.1/45.4
C74	4030017780	S.CER C1005 JB 1H 472K-T	B	87.8/43.1
C75	4030016970	S.CER C1005 JB 1E 223K-T	B	41.4/104.8
C76	4030017780	S.CER C1005 JB 1H 472K-T	B	32.3/102.1
C77	4030016930	S.CER C1005 JB 1A 104K-T	T	53.9/57.7
C79	4030017620	S.CER C1005 CH 1H 100C-T	B	47.0/100.4
C80	4030017430	S.CER C1005 CH 1H 101J-T	B	102.3/45.9
C81	4030017430	S.CER C1005 CH 1H 101J-T	B	43.6/99.8
C82	4550006250	S.TAN TEESVA 1A 106M8R	B	61.1/79.2
Eqv.	4550007520	S.TAN F931A106MAABMA		
C83	4030017460	S.CER C1005 JB 1H 102K-T	B	71.8/86.8
C84	4030017420	S.CER C1005 CH 1H 470J-T	B	74.8/81.2
C85	4030017620	S.CER C1005 CH 1H 100C-T	B	56.0/43.3
C86	4030016930	S.CER C1005 JB 1A 104K-T	B	51.8/47.2
C87	4030018910	S.CER C1608 JB 0J 475K-T	B	54.3/48.4
C90	4030017680	S.CER C1005 CH 1H 820J-T	B	69.1/86.8
C91	4030016930	S.CER C1005 JB 1A 104K-T	T	60.7/66.3
C92	4030016790	S.CER C1005 JB 1E 103K-T	B	72.8/88.0
C93	4030017460	S.CER C1005 JB 1H 102K-T	B	70.0/88.0
C96	4030018910	S.CER C1608 JB 0J 475K-T	B	49.2/48.9
C97	4030016930	S.CER C1005 JB 1A 104K-T	B	57.4/50.6
C98	4030017460	S.CER C1005 JB 1H 102K-T	B	40.5/106.5
C99	4030017460	S.CER C1005 JB 1H 102K-T	B	44.6/72.0
C104	4030016790	S.CER C1005 JB 1E 103K-T	B	43.3/71.7
C105	4030017620	S.CER C1005 CH 1H 100C-T	B	103.4/49.4
C106	4030017620	S.CER C1005 CH 1H 100C-T	B	47.0/104.0
C107	4030017590	S.CER C1005 CH 1H 070C-T	B	72.3/89.5
C108	4030017460	S.CER C1005 JB 1H 102K-T	B	96.5/46.7
C109	4030017380	S.CER C1005 CH 1H 050B-T	B	102.5/50.6

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C110	4030017380	S.CER C1005 CH 1H 050B-T	B	46.5/105.3
C111	4030016790	S.CER C1005 JB 1E 103K-T	B	70.7/92.3
C114	4030017620	S.CER C1005 CH 1H 100C-T	B	103.4/47.7
C116	4030017460	S.CER C1005 JB 1H 102K-T	B	70.7/89.5
C117	4030016790	S.CER C1005 JB 1E 103K-T	B	69.1/90.4
C118	4030016790	S.CER C1005 JB 1E 103K-T	B	69.1/91.3
C121	4030016790	S.CER C1005 JB 1E 103K-T	B	71.1/94.8
C122	4030016790	S.CER C1005 JB 1E 103K-T	B	67.3/91.6
C123	4030016930	S.CER C1005 JB 1A 104K-T	B	67.5/100.1
C124	4030016930	S.CER C1005 JB 1A 104K-T	B	48.5/50.5
C125	4030016790	S.CER C1005 JB 1E 103K-T	B	96.8/43.5
C126	4030016790	S.CER C1005 JB 1E 103K-T	B	57.2/35.1
C127	4030016790	S.CER C1005 JB 1E 103K-T	B	41.4/103.1
C128	4030017460	S.CER C1005 JB 1H 102K-T	B	31.4/108.0
C131	4030017460	S.CER C1005 JB 1H 102K-T	B	86.8/49.7
C133	4030017590	S.CER C1005 CH 1H 070C-T	B	59.4/92.8
C134	4550003260	S.TAN TEESVA 1V 684M8R	B	28.6/106.5
Eqv.	4550008300	S.TAN F931V684MAA		
C136	4030016930	S.CER C1005 JB 1A 104K-T	B	50.4/36.9
C137	4030017620	S.CER C1005 CH 1H 100C-T	B	56.2/38.3
C138	4030017640	S.CER C1005 CH 1H 150J-T	B	75.8/101.1
C139	4030017650	S.CER C1005 CH 1H 270J-T	B	59.4/91.9
C140	4030016930	S.CER C1005 JB 1A 104K-T	B	55.3/36.7
C141	4550003260	S.TAN TEESVA 1V 684M8R	B	84.0/48.1
Eqv.	4550008300	S.TAN F931V684MAA		
C144	4550006250	S.TAN TEESVA 1A 106M8R	B	96.3/41.7
Eqv.	4550007520	S.TAN F931A106MAABMA		
C145	4030017420	S.CER C1005 CH 1H 470J-T	B	50.4/38.5
C146	4030017460	S.CER C1005 JB 1H 102K-T	B	56.2/35.1
C147	4550006250	S.TAN TEESVA 1A 106M8R	B	39.2/100.9
Eqv.	4550007520	S.TAN F931A106MAABMA		
C149	4030016790	S.CER C1005 JB 1E 103K-T	B	69.4/95.7
C150	4030016790	S.CER C1005 JB 1E 103K-T	B	65.7/97.3
C151	4030017610	S.CER C1005 CH 1H 090C-T	B	61.7/97.1
C152	4030016930	S.CER C1005 JB 1A 104K-T	B	55.3/32.5
C153	4030017380	S.CER C1005 CH 1H 050B-T	B	49.8/34.9
C154	4030017420	S.CER C1005 CH 1H 470J-T	B	26.5/120.6
C155	4030017460	S.CER C1005 JB 1H 102K-T	B	26.5/123.2
C156	4030017420	S.CER C1005 CH 1H 470J-T	B	28.5/111.5
C157	4030020000	S.CER C1005 JB 1A 105K-T	B	28.0/117.2
C158	4030017420	S.CER C1005 CH 1H 470J-T	B	81.7/62.1
C159	4030017420	S.CER C1005 CH 1H 470J-T	B	81.7/53.6
C160	4030016790	S.CER C1005 JB 1E 103K-T	B	65.7/104.4
C161	4030016790	S.CER C1005 JB 1E 103K-T	B	62.7/98.9
C162	4030016930	S.CER C1005 JB 1A 104K-T	B	81.7/67.1
C163	4030016930	S.CER C1005 JB 1A 104K-T	B	81.7/58.6
C164	4030016930	S.CER C1005 JB 1A 104K-T	B	49.5/36.9
C165	4030017460	S.CER C1005 JB 1H 102K-T	B	81.7/66.2
C166	4030017460	S.CER C1005 JB 1H 102K-T	B	81.7/57.0
C167	4030017460	S.CER C1005 JB 1H 102K-T	B	99.0/45.4
C168	4030017380	S.CER C1005 CH 1H 050B-T	B	32.6/124.3
C169	4030017600	S.CER C1005 CH 1H 080C-T	B	30.8/124.4
C170	4030017580	S.CER C1005 CH 1H 060C-T	B	30.6/114.4
C171	4030017590	S.CER C1005 CH 1H 070C-T	B	30.6/115.3
C172	4030017580	S.CER C1005 CH 1H 060C-T	B	87.8/65.7
C173	4030017590	S.CER C1005 CH 1H 070C-T	B	86.5/65.3
C174	4030017590	S.CER C1005 CH 1H 070C-T	B	85.7/55.0
C175	4030017600	S.CER C1005 CH 1H 080C-T	B	85.7/55.9
C176	4030018860	S.CER C1005 JB 0J 105K-T	T	62.9/51.0
C177	4030017570	S.CER C1005 CH 1H 040B-T	B	35.6/120.7
C178	4030017380	S.CER C1005 CH 1H 050B-T	B	32.0/112.2
C179	4030017420	S.CER C1005 CH 1H 470J-T	T	14.9/129.1
C180	4030017580	S.CER C1005 CH 1H 060C-T	B	91.5/62.0
C181	4030017580	S.CER C1005 CH 1H 060C-T	B	87.1/52.9
C182	4030016790	S.CER C1005 JB 1E 103K-T	B	63.1/104.4
C183	4030017420	S.CER C1005 CH 1H 470J-T	T	14.9/131.3
C184	4030017560	S.CER C1005 CH 1H 2R5B-T	B	34.9/124.3
C185	4030017360	S.CER C1005 CH 1H 030B-T	B	35.4/115.3
C186	4030017420	S.CER C1005 CH 1H 470J-T	B	99.3/48.8
C187	4030017350	S.CER C1005 CH 1H 020B-T	B	89.4/66.8
C188	4030017540	S.CER C1005 CH 1H R75B-T	B	90.6/66.6
C189	4030017340	S.CER C1005 CH 1H 010B-T	B	87.0/57.2
C190	4030017350	S.CER C1005 CH 1H 020B-T	B	80.0/58.2
C191	4030017590	S.CER C1005 CH 1H 070C-T	B	89.4/65.7
C192	4030017620	S.CER C1005 CH 1H 100C-T	B	90.5/56.3
C193	4030017460	S.CER C1005 JB 1H 102K-T	B	61.5/107.2
C194	4030017580	S.CER C1005 CH 1H 060C-T	B	36.8/122.8
C195	4030017610	S.CER C1005 CH 1H 090C-T	B	40.1/120.7
C196	4030017620	S.CER C1005 CH 1H 100C-T	B	37.6/114.4
C197	4030017620	S.CER C1005 CH 1H 100C-T	B	41.0/112.2
C198	4030016790	S.CER C1005 JB 1E 103K-T	B	60.6/107.2
C200	4030017570	S.CER C1005 CH 1H 040B-T	B	92.4/64.3
C201	4030017620	S.CER C1005 CH 1H 100C-T	B	96.0/62.0
C202	4030017610	S.CER C1005 CH 1H 090C-T	B	93.1/55.4
C203	4030017390	S.CER C1005 CH 1H 180J-T	B	96.3/52.9
C204	4550006250	S.TAN TEESVA 1A 106M8R	T	81.7/15.2
Eqv.	4550007520	S.TAN F931A106MAABMA		

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C205	4550006250	S.TAN TEESVA 1A 106M8R	T	85.1/17.1
Eqv.	4550007520	S.TAN F931A106MAABMA		
C206	4550006250	S.TAN TEESVA 1A 106M8R	T	88.8/16.8
Eqv.	4550007520	S.TAN F931A106MAABMA		
C208	4030017490	S.CER C1608 JB 1A 105K-T	T	80.0/15.6
C209	4030017490	S.CER C1608 JB 1A 105K-T	T	83.4/16.6
C210	4030017490	S.CER C1608 JB 1A 105K-T	T	87.0/16.3
C211	4030016930	S.CER C1005 JB 1A 104K-T	B	38.3/120.7
C212	4030016790	S.CER C1005 JB 1E 103K-T	B	39.2/112.2
C213	4030017660	S.CER C1005 CH 1H 330J-T	B	68.5/106.1
C214	4030017460	S.CER C1005 JB 1H 102K-T	B	66.8/107.0
C215	4030017530	S.CER C1005 CH 1H 0R5B-T	B	41.9/120.7
C216	4030017530	S.CER C1005 CH 1H 0R5B-T	B	42.6/115.7
C217	4030017460	S.CER C1005 JB 1H 102K-T	B	39.2/120.7
C218	4030017460	S.CER C1005 JB 1H 102K-T	B	40.1/112.2
C219	4030016790	S.CER C1005 JB 1E 103K-T	B	94.2/62.0
C220	4030017530	S.CER C1005 CH 1H 0R5B-T	B	98.2/61.3
C221	4030016790	S.CER C1005 JB 1E 103K-T	B	94.5/52.9
C222	4030017530	S.CER C1005 CH 1H 0R5B-T	B	98.2/57.1
C224	4030017460	S.CER C1005 JB 1H 102K-T	B	95.1/62.0
C225	4030017460	S.CER C1005 JB 1H 102K-T	B	95.4/52.9
C228	4030017490	S.CER C1608 JB 1A 105K-T	T	77.9/24.2
C229	4030017490	S.CER C1608 JB 1A 105K-T	T	82.7/24.8
C230	4030017490	S.CER C1608 JB 1A 105K-T	T	86.8/24.4
C231	4550005980	S.TAN TEESVA 1A 475M8R	T	80.0/25.1
Eqv.	4550007270	S.TAN F931A475MAABMA		
C232	4550005980	S.TAN TEESVA 1A 475M8R	T	84.4/25.6
Eqv.	4550007270	S.TAN F931A475MAABMA		
C233	4550005980	S.TAN TEESVA 1A 475M8R	T	88.5/25.7
Eqv.	4550007270	S.TAN F931A475MAABMA		
C235	4030017030	S.CER C1005 JB 1A 273K-T	T	40.9/55.0
C236	4030017730	S.CER C1005 JB 1H 471K-T	B	100.5/55.0
C237	4030017460	S.CER C1005 JB 1H 102K-T	B	100.5/60.4
C238	4030017730	S.CER C1005 JB 1H 471K-T	B	44.9/112.6
C239	4030017460	S.CER C1005 JB 1H 102K-T	B	44.9/118.0
C240	4510009550	S.ELE EEEFK1C100R	T	95.1/22.4
C241	4030017350	S.CER C1005 CH 1H 020B-T	B	68.3/120.9
C242	4030016790	S.CER C1005 JB 1E 103K-T	B	68.7/111.2
C243	4030017460	S.CER C1005 JB 1H 102K-T	B	70.3/106.1
C244	4030016790	S.CER C1005 JB 1E 103K-T	B	70.3/107.0
C245	4030017460	S.CER C1005 JB 1H 102K-T	B	91.5/59.6
C246	4030017610	S.CER C1005 CH 1H 090C-T	B	46.9/113.5
C247	4030017460	S.CER C1005 JB 1H 102K-T	B	43.1/109.1
C248	4030017460	S.CER C1005 JB 1H 102K-T	B	36.0/117.8
C249	4030017460	S.CER C1005 JB 1H 102K-T	B	48.1/109.1
C250	4030017380	S.CER C1005 CH 1H 050B-T	B	103.7/58.7
C251	4030017610	S.CER C1005 CH 1H 090C-T	B	102.6/55.9
C252	4030017460	S.CER C1005 JB 1H 102K-T	B	100.5/50.0
C253	4030017380	S.CER C1005 CH 1H 050B-T	B	48.0/116.2
C254	4030017460	S.CER C1005 JB 1H 102K-T	B	103.7/53.4
C255	4030016930	S.CER C1005 JB 1A 104K-T	T	42.1/50.6
C256	4030017640	S.CER C1005 CH 1H 150J-T	T	43.3/55.2
C257	4030016790	S.CER C1005 JB 1E 103K-T	T	34.5/58.8
C258	4030017590	S.CER C1005 CH 1H 070C-T	B	59.6/117.8
C259	4030017580	S.CER C1005 CH 1H 060C-T	T	48.5/46.4
C262	4030016930	S.CER C1005 JB 1A 104K-T	T	69.2/57.5
C265	4030017460	S.CER C1005 JB 1H 102K-T	B	43.5/120.7
C266	4030018900	S.CER C1005 JB 0J 474K-T	T	43.9/45.6
C267	4030017640	S.CER C1005 CH 1H 150J-T	B	59.6/119.3
C268	4030017420	S.CER C1005 CH 1H 470J-T	B	62.3/126.1
C269	4550006780	S.TAN TEESVB2 0J 476M8R	T	71.8/60.9
Eqv.	4550007200	S.TAN F930J476MBABMA		
C270	4030016930	S.CER C1005 JB 1A 104K-T	T	40.5/49.7
C271	4030017460	S.CER C1005 JB 1H 102K-T	B	68.1/137.9
C272	4030017630	S.CER C1005 CH 1H 120J-T	T	47.4/60.1
C274	4030017460	S.CER C1005 JB 1H 102K-T	B	44.4/120.7
C275	4030017620	S.CER C1005 CH 1H 100C-T	B	48.0/124.4
C276	4030017360	S.CER C1005 CH 1H 030B-T	B	67.2/137.9
C277	4030016790	S.CER C1005 JB 1E 103K-T	T	48.7/36.8
C279	4030017590	S.CER C1005 CH 1H 070C-T	B	59.6/120.9
C280	4030017460	S.CER C1005 JB 1H 102K-T	B	98.9/66.3
C281	4030017460	S.CER C1005 JB 1H 102K-T	B	100.0/62.0
C282	4030017620	S.CER C1005 CH 1H 100C-T	B	61.4/122.2
C283	4030017620	S.CER C1005 CH 1H 100C-T	B	103.7/65.9
C285	4030017670	S.CER C1005 CH 1H 390J-T	B	66.1/137.9
C286	4030017570	S.CER C1005 CH 1H 040B-T	B	64.5/139.2
C287	4030017360	S.CER C1005 CH 1H 030B-T	B	61.8/134.7
C291	4030017340	S.CER C1005 CH 1H 010B-T	B	102.4/66.6
C292	4030017460	S.CER C1005 JB 1H 102K-T	B	65.0/136.3
C293	4030017670	S.CER C1005 CH 1H 390J-T	B	62.9/137.9
C294	4030017550	S.CER C1005 CH 1H 1R5B-T	B	58.3/138.5
C295	4030017460	S.CER C1005 JB 1H 102K-T	B	65.0/134.7
C296	4030017670	S.CER C1005 CH 1H 390J-T	B	56.1/138.0
C297	4030017360	S.CER C1005 CH 1H 030B-T	B	54.1/138.0
C298	4030017460	S.CER C1005 JB 1H 102K-T	B	136.2/83.0
C299	4030017460	S.CER C1005 JB 1H 102K-T	B	50.4/133.8
C300	4030017460	S.CER C1005 JB 1H 102K-T	B	54.1/133.9

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C301	4030016790	S.CER C1005 JB 1E 103K-T	B	51.4/133.8
C302	4030017670	S.CER C1005 CH 1H 390J-T	B	52.0/138.5
C303	4030017370	S.CER C1005 CH 1H 3R5B-T	B	131.5/82.3
C304	4030017420	S.CER C1005 CH 1H 470J-T	B	136.2/82.0
C305	4030017650	S.CER C1005 CH 1H 270J-T	B	46.4/133.8
C306	4030017460	S.CER C1005 JB 1H 102K-T	B	47.4/133.8
C307	4030017460	S.CER C1005 JB 1H 102K-T	B	45.4/138.3
C309	4030017420	S.CER C1005 CH 1H 470J-T	B	136.8/84.5
C310	4030017380	S.CER C1005 CH 1H 050B-T	B	134.9/86.0
C311	4030016930	S.CER C1005 JB 1A 104K-T	B	45.4/140.4
C312	4030017420	S.CER C1005 CH 1H 470J-T	B	50.4/140.4
C313	4030016930	S.CER C1005 JB 1A 104K-T	B	46.4/140.4
C314	4030017460	S.CER C1005 JB 1H 102K-T	B	49.4/140.4
C315	4030017730	S.CER C1005 JB 1H 471K-T	B	137.8/84.5
C316	4030017570	S.CER C1005 CH 1H 040B-T	B	130.4/80.9
C321	4030017420	S.CER C1005 CH 1H 470J-T	T	66.0/57.5
C322	4030017420	S.CER C1005 CH 1H 470J-T	T	67.6/54.3
C323	4030017460	S.CER C1005 JB 1H 102K-T	B	44.4/137.7
C324	4030017530	S.CER C1005 CH 1H 0R5B-T	B	134.9/88.4
C326	4030017580	S.CER C1005 CH 1H 060C-T	B	39.3/138.2
C327	4030017590	S.CER C1005 CH 1H 070C-T	B	141.9/89.3
C328	4030017420	S.CER C1005 CH 1H 470J-T	B	140.9/85.4
C329	4030017660	S.CER C1005 CH 1H 330J-T	B	38.5/133.6
C330	4030017460	S.CER C1005 JB 1H 102K-T	B	139.9/85.4
C331	4030017460	S.CER C1005 JB 1H 102K-T	B	59.2/140.4
C332	4030018860	S.CER C1005 JB 0J 105K-T	B	55.0/140.4
C333	4030016930	S.CER C1005 JB 1A 104K-T	T	23.1/29.4
C336	4030018860	S.CER C1005 JB 0J 105K-T	B	60.1/140.4
C337	4030017580	S.CER C1005 CH 1H 060C-T	B	139.9/94.1
C338	4030017340	S.CER C1005 CH 1H 010B-T	B	39.3/139.2
C339	4030017460	S.CER C1005 JB 1H 102K-T	B	32.5/134.1
C340	4030016930	S.CER C1005 JB 1A 104K-T	T	54.0/20.4
C341	4030017420	S.CER C1005 CH 1H 470J-T	T	143.1/123.3
C342	4030017730	S.CER C1005 JB 1H 471K-T	T	138.8/108.0
C345	4030017460	S.CER C1005 JB 1H 102K-T	B	30.7/135.9
C346	4030017420	S.CER C1005 CH 1H 470J-T	T	63.2/57.2
C347	4030017460	S.CER C1005 JB 1H 102K-T	T	143.1/124.2
C348	4030017420	S.CER C1005 CH 1H 470J-T	T	63.8/55.3
C349	4030017580	S.CER C1005 CH 1H 060C-T	B	143.6/95.2
C350	4030017420	S.CER C1005 CH 1H 470J-T	T	138.7/112.3
C351	4030017460	S.CER C1005 JB 1H 102K-T	T	138.7/113.2
C352	4030017400	S.CER C1005 CH 1H 220J-T	B	31.6/137.9
C353	4030017460	S.CER C1005 JB 1H 102K-T	T	140.4/118.8
C354	4030017420	S.CER C1005 CH 1H 470J-T	T	106.6/115.9
C355	4030017360	S.CER C1005 CH 1H 030B-T	B	37.5/136.9
C357	4030017630	S.CER C1005 CH 1H 120J-T	B	39.3/140.1
C358	4030016790	S.CER C1005 JB 1E 103K-T	T	137.5/128.2
C359	4510009550	S.ELE EEEFK1C100R	T	107.3/86.5
C360	4030017460	S.CER C1005 JB 1H 102K-T	T	106.6/116.8
C364	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6)	B	89.9/119.9
C365	4030017730	S.CER C1005 JB 1H 471K-T	T	106.6/117.7
C366	4030016970	S.CER C1005 JB 1E 223K-T	T	142.5/126.6
C367	4510009810	S.ELE EEEFK1E220R	T	105.9/96.1
C368	4030006860	S.CER C1608 JB 1H 102K-T	T	89.2/142.0
C369	4030017460	S.CER C1005 JB 1H 102K-T	B	33.4/134.1
C370	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6)	B	100.2/123.2
C371	4030007010	S.CER C1608 CH 1H 100D-T	T	35.5/142.6
C372	4030011020	S.CER GRM31M4C2H1R0CY21L (GRM42-6)	B	100.2/121.1
C373	4030017780	S.CER C1005 JB 1H 472K-T	T	136.8/123.8
C374	4030017420	S.CER C1005 CH 1H 470J-T	B	85.3/129.8
C375	4030017460	S.CER C1005 JB 1H 102K-T	T	113.2/95.3
C376	4030017350	S.CER C1005 CH 1H 020B-T	B	86.1/138.9
C377	4030017420	S.CER C1005 CH 1H 470J-T	B	84.2/119.4
C378	4030017420	S.CER C1005 CH 1H 470J-T	T	112.3/95.3
C379	4030017650	S.CER C1005 CH 1H 270J-T	B	25.6/133.7
C381	4030017400	S.CER C1005 CH 1H 220J-T	T	111.4/95.3
C382	4030017350	S.CER C1005 CH 1H 020B-T	B	23.8/142.5
C383	4030017460	S.CER C1005 JB 1H 102K-T	T	114.1/78.3
C384	4030018860	S.CER C1005 JB 0J 105K-T	T	139.5/121.5
C385	4030017460	S.CER C1005 JB 1H 102K-T	B	22.8/142.5
C386	4030017460	S.CER C1005 JB 1H 102K-T	T	139.2/119.6
C387	4030017600	S.CER C1005 CH 1H 080C-T	B	89.8/138.0
C388	4510009550	S.ELE EEEFK1C100R	T	126.4/77.0
C389	4320001090	S.MIC UC232H 0820J-T	B	95.3/130.3
C390	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6)	B	87.6/133.3
C391	4030017460	S.CER C1005 JB 1H 102K-T	T	122.3/76.0
C392	4030017520	S.CER C1005 CH 1H 0R3B-T	B	95.4/134.4
C393	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6)	B	98.7/126.9
C394	4550006250	S.TAN TEESVA 1A 106M8R	B	26.3/15.3
Eqv.	4550007520	S.TAN F931A106MAABMA		
C395	4030001150	S.CER GRM31M4C2H2R0CY21L (GRM42-6)	B	100.8/126.9

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)



[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C396	4510009550	S.ELE EEEFK1C100R	T	97.1/77.8
C397	4030017460	S.CER C1005 JB 1H 102K-T	T	137.5/118.5
C398	4550006250	S.TAN TEESVA 1A 106M8R	B	31.7/15.5
Eqv.	4550007520	S.TAN F931A106MAABMA		
C399	4030017460	S.CER C1005 JB 1H 102K-T	T	100.0/76.1
C400	4030017460	S.CER C1005 JB 1H 102K-T	B	86.2/129.8
C401	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6)	B	103.2/131.0
C402	4030016930	S.CER C1005 JB 1A 104K-T	T	47.2/71.6
C403	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6)	B	106.3/131.0
C404	4030017460	S.CER C1005 JB 1H 102K-T	T	140.8/129.3
C405	4030017420	S.CER C1005 CH 1H 470J-T	B	56.7/55.3
C406	4030016790	S.CER C1005 JB 1E 103K-T	T	103.5/76.2
C407	4030011030	S.CER GRM31M4C2H1R5CY21L (GRM42-6)	B	102.7/137.3
C408	4030017460	S.CER C1005 JB 1H 102K-T	B	98.2/138.6
C409	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6)	B	111.0/136.1
C410	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6)	B	113.1/134.1
C411	4550007650	S.TAN F931V105MAABMA	T	37.6/68.6
C412	4030017460	S.CER C1005 JB 1H 102K-T	T	112.7/78.6
C413	4030016930	S.CER C1005 JB 1A 104K-T	T	38.5/71.9
C414	4030017420	S.CER C1005 CH 1H 470J-T	B	29.7/135.9
C415	4550007650	S.TAN F931V105MAABMA	T	37.6/63.4
C416	4550006250	S.TAN TEESVA 1A 106M8R	T	107.9/81.6
Eqv.	4550007520	S.TAN F931A106MAABMA		
C417	4030016930	S.CER C1005 JB 1A 104K-T	T	15.0/125.8
C418	4550007650	S.TAN F931V105MAABMA	T	39.5/74.0
C419	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6)	B	115.8/134.1
C420	4030016930	S.CER C1005 JB 1A 104K-T	B	27.4/18.5
C422	4030006860	S.CER C1608 JB 1H 102K-T	B	119.6/139.5
C423	4030017460	S.CER C1005 JB 1H 102K-T	B	120.9/146.8
C424	4030016930	S.CER C1005 JB 1A 104K-T	T	14.1/125.8
C426	4030009530	S.CER C1608 CH 1H 030B-T	B	120.9/139.5
C431	4030018860	S.CER C1005 JB 0J 105K-T	B	33.3/13.6
C432	4030016930	S.CER C1005 JB 1A 104K-T	T	10.8/120.7
C433	4030006860	S.CER C1608 JB 1H 102K-T	B	139.5/137.7
C434	4030017460	S.CER C1005 JB 1H 102K-T	B	140.6/131.0
C435	4030017460	S.CER C1005 JB 1H 102K-T	T	54.9/29.9
C436	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6)	B	144.8/138.6
C437	4030016930	S.CER C1005 JB 1A 104K-T	B	34.4/12.0
C438	4030016790	S.CER C1005 JB 1E 103K-T	T	112.9/88.3
C439	4510009810	S.ELE EEEFK1E220R	T	128.4/89.8
C440	4030018900	S.CER C1005 JB 0J 474K-T	T	8.0/129.6
C441	4030017440	S.CER C1005 CH 1H 221J-T	T	12.0/126.2
C442	4510008780	S.ELE EEE1AA471P	B	9.6/119.8
C443	4030017460	S.CER C1005 JB 1H 102K-T	T	112.0/88.3
C444	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6)	B	147.0/149.0
C446	4030017460	S.CER C1005 JB 1H 102K-T	T	6.7/130.1
C448	4030017460	S.CER C1005 JB 1H 102K-T	T	128.8/102.5
C449	4510008870	S.ELE EEE1AA471UP	B	8.9/139.2
C450	4030019090	S.CER C2012 JB 1C 225M-T	T	7.5/125.1
C451	4030018860	S.CER C1005 JB 0J 105K-T	T	9.9/125.6
C452	4030018860	S.CER C1005 JB 0J 105K-T	T	72.0/98.2
C453	4030017460	S.CER C1005 JB 1H 102K-T	T	130.8/103.7
C454	4030017430	S.CER C1005 CH 1H 101J-T	B	46.3/56.9
C458	4030017460	S.CER C1005 JB 1H 102K-T	T	114.9/95.7
C459	4030017460	S.CER C1005 JB 1H 102K-T	T	116.4/119.1
C460	4030017460	S.CER C1005 JB 1H 102K-T	B	9.7/148.3
C461	4030017420	S.CER C1005 CH 1H 470J-T	T	114.9/94.8
C462	4030017420	S.CER C1005 CH 1H 470J-T	T	115.4/119.1
C463	4030017420	S.CER C1005 CH 1H 470J-T	B	9.7/149.2
C464	4510009680	S.ELE EEEFK1E471P	B	144.4/121.1
C465	4550008050	S.TAN TCFGA1C106M8R	T	110.0/91.7
C466	4030017420	S.CER C1005 CH 1H 470J-T	T	99.9/88.1
C467	4030016930	S.CER C1005 JB 1A 104K-T	T	62.3/58.5
C468	4030016930	S.CER C1005 JB 1A 104K-T	T	61.8/56.9
C470	4030018860	S.CER C1005 JB 0J 105K-T	T	7.5/122.3
C471	4030016790	S.CER C1005 JB 1E 103K-T	T	6.3/123.6
C472	4030018860	S.CER C1005 JB 0J 105K-T	T	11.0/117.8
C473	4030018860	S.CER C1005 JB 0J 105K-T	T	5.1/118.9
C474	4030017780	S.CER C1005 JB 1H 472K-T	T	115.3/17.6
C475	4510009700	S.ELE EEEFK1C101P	T	125.1/12.1
C476	4510009700	S.ELE EEEFK1C101P	T	125.1/19.3
C477	4030017780	S.CER C1005 JB 1H 472K-T	T	119.0/12.3
C478	4030017780	S.CER C1005 JB 1H 472K-T	T	115.3/12.2
C479	4510009700	S.ELE EEEFK1C101P	T	104.8/14.3
C481	4030017460	S.CER C1005 JB 1H 102K-T	B	63.2/122.2
C491	4030016930	S.CER C1005 JB 1A 104K-T	T	60.4/60.1
C492	4030016930	S.CER C1005 JB 1A 104K-T	B	13.5/32.6
C493	4510008870	S.ELE EEE1AA471UP	B	66.3/45.3
C494	4030019990	S.CER C1005 JB 1C 104K-T	T	117.5/92.7

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C495	4030016930	S.CER C1005 JB 1A 104K-T	T	117.5/90.8
C496	4030019990	S.CER C1005 JB 1C 104K-T	T	122.4/92.2
C497	4030016930	S.CER C1005 JB 1A 104K-T	T	109.7/82.1
C498	4030016930	S.CER C1005 JB 1A 104K-T	T	11.5/43.3
C501	4030017420	S.CER C1005 CH 1H 470J-T	T	12.2/31.2
C502	4030017420	S.CER C1005 CH 1H 470J-T	T	29.5/2.8
C503	4030017420	S.CER C1005 CH 1H 470J-T	T	48.0/99.4
C506	4030016930	S.CER C1005 JB 1A 104K-T	B	26.3/43.4
C507	4030016930	S.CER C1005 JB 1A 104K-T	B	32.9/31.0
C508	4030016930	S.CER C1005 JB 1A 104K-T	B	40.2/42.7
C509	4030016930	S.CER C1005 JB 1A 104K-T	B	26.3/39.1
C510	4030016930	S.CER C1005 JB 1A 104K-T	B	26.6/33.0
C511	4030016930	S.CER C1005 JB 1A 104K-T	B	40.1/34.2
C512	4030017420	S.CER C1005 CH 1H 470J-T	T	92.1/14.8
C513	4550006250	S.TAN TEESVA 1A 106M8R	B	7.0/53.7
Eqv.	4550007520	S.TAN F931A106MAABMA		
C514	4030016930	S.CER C1005 JB 1A 104K-T	B	11.7/53.5
C515	4030016930	S.CER C1005 JB 1A 104K-T	B	15.6/54.5
C516	4030016930	S.CER C1005 JB 1A 104K-T	T	65.1/69.6
C517	4030016930	S.CER C1005 JB 1A 104K-T	B	17.3/59.6
C518	4030016930	S.CER C1005 JB 1A 104K-T	B	12.8/62.9
C519	4030017460	S.CER C1005 JB 1H 102K-T	B	14.0/62.6
C521	4030016930	S.CER C1005 JB 1A 104K-T	B	18.1/53.6
C522	4030016930	S.CER C1005 JB 1A 104K-T	T	51.2/31.8
C523	4030016930	S.CER C1005 JB 1A 104K-T	T	5.1/33.0
C524	4030018910	S.CER C1608 JB 0J 475K-T	T	9.5/56.0
C525	4030018910	S.CER C1608 JB 0J 475K-T	B	25.8/58.3
C526	4030018100	S.CER C1005 JB 1H 681K-T	B	29.9/58.0
C527	4030016790	S.CER C1005 JB 1E 103K-T	B	26.1/50.3
C528	4030017670	S.CER C1005 CH 1H 390J-T	B	37.4/120.7
C529	4030017630	S.CER C1005 CH 1H 120J-T	B	38.3/112.2
C530	4030017420	S.CER C1005 CH 1H 470J-T	T	60.5/62.3
C531	4030017670	S.CER C1005 CH 1H 390J-T	B	93.3/62.0
C532	4030017670	S.CER C1005 CH 1H 390J-T	B	93.6/52.9
C533	4510009700	S.ELE EEEFK1C101P	T	125.1/26.4
C534	4030016790	S.CER C1005 JB 1E 103K-T	T	118.5/26.7
C535	4030016790	S.CER C1005 JB 1E 103K-T	B	67.4/101.6
C536	4030016790	S.CER C1005 JB 1E 103K-T	B	65.7/98.3
C538	4030006860	S.CER C1608 JB 1H 102K-T	T	36.3/145.1
C539	4030017790	S.CER C1005 JB 1H 682K-T	T	22.8/57.0
C540	4030017730	S.CER C1005 JB 1H 471K-T	T	21.2/56.6
C541	4030016930	S.CER C1005 JB 1A 104K-T	T	22.8/55.4
C542	4030017440	S.CER C1005 CH 1H 221J-T	T	27.1/55.0
C543	4030016930	S.CER C1005 JB 1A 104K-T	T	56.5/68.9
C544	4030017460	S.CER C1005 JB 1H 102K-T	T	62.4/72.9
C545	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6)	T	97.6/106.8
C546	4030019560	S.CER GRM21BB31C106KE15L	T	62.6/63.8
C547	4030017770	S.CER C1005 JB 1H 332K-T	T	53.9/72.2
C548	4030016930	S.CER C1005 JB 1A 104K-T	T	14.1/120.6
C549	4030017420	S.CER C1005 CH 1H 470J-T	T	23.1/86.6
C550	4030017420	S.CER C1005 CH 1H 470J-T	T	70.1/82.6
C551	4030019990	S.CER C1005 JB 1E 104K-T	T	114.2/28.9
C552	4030016930	S.CER C1005 JB 1A 104K-T	T	117.8/43.0
C553	4030016930	S.CER C1005 JB 1A 104K-T	B	30.8/19.4
C555	4030016930	S.CER C1005 JB 1A 104K-T	B	69.8/75.5
C556	4030019990	S.CER C1005 JB 1C 104K-T	T	105.2/28.6
C557	4030016930	S.CER C1005 JB 1A 104K-T	T	97.0/28.6
C558	4550008050	S.TAN TCFGA1C106M8R	T	95.1/27.9
C559	4550006250	S.TAN TEESVA 1A 106M8R	T	45.9/75.5
Eqv.	4550007520	S.TAN F931A106MAABMA		
C562	4030017420	S.CER C1005 CH 1H 470J-T	T	38.5/76.1
C564	4030017570	S.CER C1005 CH 1H 040B-T	B	68.3/131.3
C566	4030018860	S.CER C1005 JB 0J 105K-T	B	46.9/70.8
C571	4030017580	S.CER C1005 CH 1H 060C-T	T	64.0/99.1
C572	4030017580	S.CER C1005 CH 1H 060C-T	T	64.9/99.1
C573	4030017580	S.CER C1005 CH 1H 060C-T	T	65.3/97.4
C574	4030017580	S.CER C1005 CH 1H 060C-T	B	64.0/134.7
C575	4030017420	S.CER C1005 CH 1H 470J-T	B	62.9/132.4
C576	4030017460	S.CER C1005 JB 1H 102K-T	T	67.3/105.8
C577	4030017460	S.CER C1005 JB 1H 102K-T	T	67.3/104.9
C578	4320001090	S.MIC UC232H 0820J-T	T	92.0/126.0
C579	4550006250	S.TAN TEESVA 1A 106M8R	B	95.2/50.6
Eqv.	4550007520	S.TAN F931A106MAABMA		
C580	4030017420	S.CER C1005 CH 1H 470J-T	T	100.7/73.5
C581	4030018910	S.CER C1608 JB 0J 475K-T	B	46.2/60.9
C582	4030018910	S.CER C1608 JB 0J 475K-T	T	69.7/97.8
C583	4030016930	S.CER C1005 JB 1A 104K-T	B	46.3/58.6
C584	4030016790	S.CER C1005 JB 1E 103K-T	B	54.9/55.3
C585	4030016930	S.CER C1005 JB 1A 104K-T	B	54.9/58.6
C586	4030017730	S.CER C1005 JB 1H 471K-T	B	54.9/56.9
C587	4030016790	S.CER C1005 JB 1E 103K-T	B	52.3/59.8
C588	4030018910	S.CER C1608 JB 0J 475K-T	T	70.9/97.8
C601	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6)	T	97.6/111.3
C610	4030018080	S.CER C1005 JB 1H 182K-T	T	63.3/69.6
C612	4030017460	S.CER C1005 JB 1H 102K-T	B	55.7/29.9

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C614	4030017730	S.CER C1005 JB 1H 471K-T	B	29.0/13.2
C615	4030017370	S.CER C1005 CH 1H 3R5B-T	B	63.2/117.5
C616	4030017460	S.CER C1005 JB 1H 102K-T	T	93.8/64.6
C617	4030017420	S.CER C1005 CH 1H 470J-T	B	134.1/43.7
C618	4030017420	S.CER C1005 CH 1H 470J-T	T	64.9/53.3
C619	4030017420	S.CER C1005 CH 1H 470J-T	T	77.9/109.3
C620	4030017420	S.CER C1005 CH 1H 470J-T	T	74.2/96.8
C621	4030017420	S.CER C1005 CH 1H 470J-T	T	31.5/2.8
C622	4030019560	S.CER GRM21BB31C106KE15L	T	64.5/73.4
C623	4030019990	S.CER C1005 JB 1C 104K-T	B	126.8/16.0
C624	4030019990	S.CER C1005 JB 1C 104K-T	B	126.3/20.3
C625	4030017460	S.CER C1005 JB 1H 102K-T	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23.2
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
C638	4030019120	S.CER GRM188B31E105KA75D	T	13.0/133.5
C645	4030016930	S.CER C1005 JB 1A 104K-T	T	57.2/46.7
C652	4030016930	S.CER C1005 JB 1A 104K-T	B	33.9/59.0
C653	4030019560	S.CER GRM21BB31C106KE15L	B	31.9/59.9
C656	4030016930	S.CER C1005 JB 1A 104K-T	B	34.8/62.1
C657	4030019560	S.CER GRM21BB31C106KE15L	T	35.6/64.8
C658	4030016930	S.CER C1005 JB 1A 104K-T	B	36.8/63.4
C659	4030019560	S.CER GRM21BB31C106KE15L	B	30.1/62.3
C660	4030016930	S.CER C1005 JB 1A 104K-T	B	38.9/63.3
C661	4030019560	S.CER GRM21BB31C106KE15L	B	43.2/62.7
C662	4030017490	S.CER C1608 JB 1A 105K-T	T	75.0/15.6
C663	4030017490	S.CER C1608 JB 1A 105K-T	T	69.9/15.6
C664	4030017490	S.CER C1608 JB 1A 105K-T	T	74.4/24.2
C665	4030017490	S.CER C1608 JB 1A 105K-T	T	69.9/24.2
C666	4550006250	S.TAN TEESVA 1A 106M8R	T	76.7/15.3
Eqv.	4550007520	S.TAN F931A106MAABMA		
C667	4550006250	S.TAN TEESVA 1A 106M8R	T	71.6/15.2
Eqv.	4550007520	S.TAN F931A106MAABMA		
C668	4550006250	S.TAN TEESVA 1A 106M8R	T	76.1/25.0
Eqv.	4550007520	S.TAN F931A106MAABMA		
C669	4550006250	S.TAN TEESVA 1A 106M8R	T	71.6/25.0
Eqv.	4550007520	S.TAN F931A106MAABMA		
C670	4030016930	S.CER C1005 JB 1A 104K-T	B	44.2/34.2
C700	4030018900	S.CER C1005 JB 0J 474K-T	T	124.9/44.5
C701	4030018900	S.CER C1005 JB 0J 474K-T	T	124.9/45.4
C702	4030016930	S.CER C1005 JB 1A 104K-T	B	122.8/46.0
C703	4030017460	S.CER C1005 JB 1H 102K-T	T	121.2/42.5
C704	4030017460	S.CER C1005 JB 1H 102K-T	T	119.2/40.6
C705	4030017460	S.CER C1005 JB 1H 102K-T	T	121.6/44.6
C706	4030016930	S.CER C1005 JB 1A 104K-T	B	121.9/47.7
C707	4030016930	S.CER C1005 JB 1A 104K-T	B	121.0/47.7
C709	4030019460	S.CER C1608 JB 0J 106M-T	B	119.9/48.2
C710	4030016930	S.CER C1005 JB 1A 104K-T	B	118.4/47.1
C711	4030017460	S.CER C1005 JB 1H 102K-T	B	118.4/46.2
C712	4030016930	S.CER C1005 JB 1A 104K-T	T	115.9/44.4
C713	4030019630	S.CER GRM31C2C1H104JA01L	B	83.9/45.9
C714	4030019630	S.CER GRM31C2C1H104JA01L	B	83.9/41.6
C715	4030019630	S.CER GRM31C2C1H104JA01L	B	83.9/43.8
C716	4030019630	S.CER GRM31C2C1H104JA01L	T	83.9/46.0
C717	4030019630	S.CER GRM31C2C1H104JA01L	T	83.9/43.8
C719	4030016930	S.CER C1005 JB 1A 104K-T	B	117.4/39.5
C720	4030016930	S.CER C1005 JB 1A 104K-T	B	116.3/62.0
C721	4030017420	S.CER C1005 CH 1H 470J-T	B	113.4/57.3
C722	4030016930	S.CER C1005 JB 1A 104K-T	B	114.2/63.7
C723	4030017460	S.CER C1005 JB 1H 102K-T	B	117.3/57.9
C725	4030018900	S.CER C1005 JB 0J 474K-T	T	35.3/78.8
C726	4030018900	S.CER C1005 JB 0J 474K-T	T	32.8/78.4
C727	4030016930	S.CER C1005 JB 1A 104K-T	B	35.4/80.1
C728	4030017460	S.CER C1005 JB 1H 102K-T	T	34.2/81.4
C729	4030017460	S.CER C1005 JB 1H 102K-T	T	33.0/79.7
C730	4030017460	S.CER C1005 JB 1H 102K-T	T	33.3/81.4
C731	4030019990	S.CER C1005 JB 1C 104K-T	B	37.0/80.5
C732	4030019990	S.CER C1005 JB 1C 104K-T	B	36.6/81.4
C734	4030019460	S.CER C1608 JB 0J 106M-T	B	37.4/82.5
C735	4030016930	S.CER C1005 JB 1A 104K-T	B	36.6/84.2
C736	4030017460	S.CER C1005 JB 1H 102K-T	B	35.7/84.2
C737	4030016930	S.CER C1005 JB 1A 104K-T	T	31.7/84.5
C738	4030016930	S.CER C1005 JB 1A 104K-T	T	32.2/85.4
C739	4030019630	S.CER GRM31C2C1H104JA01L	B	28.5/104.1
C740	4030019630	S.CER GRM31C2C1H104JA01L	T	28.5/102.5
C741	4030019630	S.CER GRM31C2C1H104JA01L	T	28.5/100.4
C742	4030019630	S.CER GRM31C2C1H104JA01L	B	28.5/99.9
C743	4030019630	S.CER GRM31C2C1H104JA01L	B	28.5/102.0
C746	4030017420	S.CER C1005 CH 1H 470J-T	B	29.2/88.2
C747	4030016930	S.CER C1005 JB 1A 104K-T	B	20.6/88.3
C748	4030020000	S.CER C1005 JB 1A 105K-T	B	26.5/122.3
C749	4030017460	S.CER C1005 JB 1H 102K-T	B	28.0/118.2
C752	4030017400	S.CER C1005 CH 1H 220J-T	B	16.9/37.5
C753	4030017400	S.CER C1005 CH 1H 220J-T	B	43.1/60.4
C755	4030017640	S.CER C1005 CH 1H 150J-T	B	46.5/35.6
C760	4030009910	S.CER C1608 CH 1H 040B-T	T	27.4/138.0
C761	4030009520	S.CER C1608 CH 1H 020B-T	T	31.0/140.0
C762	4030006990	S.CER C1608 CH 1H 080D-T	T	25.3/142.2

[MAIN-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	15.1/15.6
J4	6510023512	S.CON 28FLT-SM2-TB(LF)(SN)(M)	T	70.9/102.1
J5	6510023110	CON 3008L-8P8C		
J6	6450002470	CON JY-3510A1-130		
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	58.9/15.7
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.7/14.3
J10	6510004910	CON NR-DS-E 01		
J11	6510004910	CON NR-DS-E 01		
J12	6510025970	S.CON 41-002AA-R	T	58.7/44.6
DS1	5040002961	S.LED SML-A12MT T86J	B	96.0/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126.0/1.1
DS3	5040003001	S.LED SML-A12UT T86J	B	111.0/1.1
MF1	2710000870	FAN AFB0512HB-7X22 HK		
W1	7030014230	JUM RJ20S0OHHM		
W2	7030014230	JUM RJ20S0OHHM		
W4	8920000830	C_C CAB-1116		
EP1	6910016330	S.BEA MMZ1005S 601CT-S	B	134.1/46.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	T	120.4/39.9
EP3	6910015370	S.BEA ACZ1005Y-102-T	T	35.5/80.1
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	28.7/62.0
EP5	6910016330	S.BEA MMZ1005S 601CT-S	B	41.3/73.9
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	39.5/109.0
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	96.2/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.9/39.4
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		
EP16	6910023420	S.BEA MMZ1005A222ET	B	44.8/60.4
EP17	6910021240	S.BEA MMZ1005A152ET	B	134.6/45.1
EP18	6910021240	S.BEA MMZ1005A152ET	B	36.2/70.2
EP19	6910018460	S.BEA MMZ1005Y102C-T	T	66.1/106.8
EP20	6910018460	S.BEA MMZ1005Y102C-T	T	62.8/98.7
EP21	6910018460	S.BEA MMZ1005Y102C-T	T	62.8/99.6
EP22	6910018460	S.BEA MMZ1005Y102C-T	T	73.6/104.7
EP23	6910018460	S.BEA MMZ1005Y102C-T	T	72.4/105.0
EP24	6910018460	S.BEA MMZ1005Y102C-T	T	71.5/105.0
EP25	6910018460	S.BEA MMZ1005Y102C-T	T	70.4/105.0
EP26	6910018460	S.BEA MMZ1005Y102C-T	T	72.9/99.0
EP27	6910018460	S.BEA MMZ1005Y102C-T	T	68.2/99.1
EP28	6910018460	S.BEA MMZ1005Y102C-T	T	67.3/99.1
EP29	6910018460	S.BEA MMZ1005Y102C-T	T	65.8/99.1
EP30	6910018460	S.BEA MMZ1005Y102C-T	T	74.7/99.0
EP31	6910018460	S.BEA MMZ1005Y102C-T	T	70.5/99.5
EP32	6910018460	S.BEA MMZ1005Y102C-T	T	64.1/105.0
EP33	6910018460	S.BEA MMZ1005Y102C-T	T	65.1/105.0
EP34	6910018460	S.BEA MMZ1005Y102C-T	T	66.1/105.0
EP35	6910021770	S.BEA MMZ1005F560CT	B	17.8/37.5
EP37	6910021770	S.BEA MMZ1005F560CT	B	44.0/47.8
EP38	6910021770	S.BEA MMZ1005F560CT	B	46.4/36.5

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-E UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1-#ZZZB	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.2
IC3	1130017760	S.IC SC-1449A (ML7351CGDZ0ANL)	B	120.4/42.9
IC4	1130017760	S.IC SC-1449A (ML7351CGDZ0ANL)	B	32.3/82.2
IC5	1110007720	S.IC AA32416A	B	70.5/82.5
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4
IC9	1190002080	S.IC AD7476ARTZ-REEL7	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK(T5LF)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35.0
IC12	1140013290	S.IC TMS320VC5509AZHH	B	33.4/37.9
IC13	1180002591	S.REG XC6204B332MR-G	T	81.0/20.4
IC14	1180003271	S.REG R1114Q161D-TR-FE	T	84.4/21.4
IC15	1180002591	S.REG XC6204B332MR-G	T	87.9/21.4
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.4/52.8
IC20	1140014550	S.IC HD64F2506RFC26DV	T	33.5/37.7
IC21	1140012950	S.IC 24LC512T-I/SM	T	59.2/21.8
IC22	1150002221	IC RA55H4452M-121		
IC23	1110002751	S.IC TA75S01F(TE85RF)	T	139.3/125.7
IC25	1130008561	S.IC TC75S51F(TE85LF)	B	29.0/16.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.8/70.0
IC27	1180002010	S.REG BA08FP-E2	T	115.4/84.1
IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85RF)	T	12.0/123.1
IC30	1180003320	S.REG NJM2830U1-05-TE1-#ZZZB	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.2/45.2
IC32	1130017800	S.IC EN25Q40A-104GIP	B	8.9/36.1
IC34	1110005340	S.IC NJM12902V-TE1-#ZZZB	B	12.3/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.3
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4
IC37	1120002830	S.IC NJM2125F-TE1-#FZZB	T	56.7/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180004630	S.REG NJM7805DL1A-TE1-#FZZB	T	101.2/25.8
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2
IC41	1180003500	S.REG NJM7808DL1A-TE1-#FZZB	B	130.8/16.7
IC42	1140015750	S.IC TLV320AIC3254IRHBR	B	38.4/59.8
IC43	1180003790	S.REG XC6204B182MR-G	T	75.7/20.4
IC44	1180003790	S.REG XC6204B182MR-G	T	70.6/20.4
IC45	1130011741	S.IC TC7W66FK(TE85LF)	B	114.5/60.2
IC46	1130011741	S.IC TC7W66FK(TE85LF)	B	23.8/87.3
Q1	1590004190	S.TRA DRA9144E0L	B	53.4/79.7
Q2	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	36.3/77.8
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Eqv.	1560001840	S.FET 2SK3107-T1-AT		
Eqv.	1560001860	S.FET 2SK1824-T1-A		
Q4	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	89.5/42.8
Q5	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	38.7/106.6
Q6	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	34.1/101.1
Q7	1530002601	S.TRA 2SC4215-Q(TE85RF)	B	73.0/92.5
Q8	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	94.4/47.5
Q10	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	89.8/46.2
Q11	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	34.1/104.2
Q12	1590004190	S.TRA DRA9144E0L	B	65.6/101.6
Q13	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	89.8/49.3
Q14	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	34.1/107.3
Q15	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	93.7/44.6
Q16	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	38.7/103.6
Q19	1530002601	S.TRA 2SC4215-Q(TE85RF)	B	63.2/106.9
Q20	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	38.8/123.1
Q21	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	39.6/114.5
Q22	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	94.6/64.3
Q23	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	95.2/55.4
Q24	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	100.5/58.6
Q25	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	44.9/116.2
Q26	1590004500	S.TRA DMC561040R	B	40.5/117.8
Q27	1590004500	S.TRA DMC561040R	B	96.0/59.6
Q28	1590004330	S.TRA DRC9144E0L	B	93.3/59.6
Q29	1590004350	S.TRA DRC9144E0L	T	57.2/41.9
Q30	1590004330	S.TRA DRC9144E0L	B	37.8/117.8
Q31	1590004190	S.TRA DRA9144E0L	T	57.2/39.8
Q32	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	46.5/109.1
Q33	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	102.1/53.4
Q34	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	46.2/123.1
Q35	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85LF)	B	47.3/136.1
Q37	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	132.5/84.6
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829(TE85RF)	B	53.2/140.8
Q40	1590004590	S.TRA DMC506010R	T	101.7/87.4
Q41	1520001010	S.TRA 2SB1132G-R-AB3-R	T	101.7/82.8
Q42	1590004350	S.TRA DRC9144E0L	T	13.3/67.6
Q43	1590004350	S.TRA DRC9144E0L	T	138.8/123.0
Q44	1590004150	S.TRA DRC9114T0L	T	122.9/79.2
Q45	1540000830	S.TRA 2SD1664G-Q-AB3-R	T	117.1/76.3
Q46	1530002851	S.TRA 2SC4116-BL(TE85RF)	T	137.5/120.4

[MAIN-E UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
Q48	1510000920	S.TRA 2SA1577 T106 Q	T	101.5/77.8
Q49	1590004350	S.TRA DRC9144E0L	T	102.3/73.7
Q52	1590004350	S.TRA DRC9144E0L	T	10.9/131.0
Q53	1590004350	S.TRA DRC9144E0L	T	10.9/129.7
Q56	1590004710	S.FET TPC6111(TE85LF)	T	7.7/132.7
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590004350	S.TRA DRC9144E0L	T	130.3/102.1
Q59	1590000990	S.TRA DTC363EK T146	T	7.7/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85RF)	T	6.8/118.5
Q62	1530004210	S.TRA DSC7004S0L	T	118.5/18.6
Q63	1560000990	S.FET PMBFJ310	B	66.3/110.0
Q64	1560000990	S.FET PMBFJ310	B	63.3/110.0
Q65	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	59.6/123.7
Q66	1590004350	S.TRA DRC9144E0L	B	95.0/4.8
Q67	1590004350	S.TRA DRC9144E0L	B	125.0/4.7
Q68	1590004350	S.TRA DRC9144E0L	B	110.0/4.7
Q69	1590004350	S.TRA DRC9144E0L	T	9.5/53.3
Q70	1590004190	S.TRA DRA9144E0L	T	9.5/51.0
Q72	1590004330	S.TRA DRC9114E0L	T	117.1/59.7
Q73	1590004330	S.TRA DRC9114E0L	B	32.9/73.5
Q74	1590004330	S.TRA DRC9114E0L	T	34.9/73.5
Q75	1590004330	S.TRA DRC9114E0L	B	119.1/58.7
D1	1750001070	S.DIO DAN235ETL	B	57.3/78.6
Eqv.	1750002470	S.DIO KDS112E-RTK/P		
D2	1750001070	S.DIO DAN235ETL	B	50.0/79.7
Eqv.	1750002470	S.DIO KDS112E-RTK/P		
D3	1790001622	S.DIO 1SV308L3F	B	70.4/93.4
D4	1790001622	S.DIO 1SV308L3F	B	67.8/93.4
D7	1750003280	S.VAR SMV1145-079LF	B	30.8/122.3
D8	1750003280	S.VAR SMV1145-079LF	B	30.6/112.7
D9	1750003280	S.VAR SMV1145-079LF	B	85.6/63.5
D10	1750003280	S.VAR SMV1145-079LF	B	85.7/53.3
D11	1790001622	S.DIO 1SV308L3F	B	63.5/103.1
D12	1790001622	S.DIO 1SV308L3F	B	62.7/101.1
D13	1750001771	S.VAR 1SV323H3F	B	87.3/66.8
D14	1750001771	S.VAR 1SV323H3F	B	87.1/55.4
D15	1750001771	S.VAR 1SV323H3F	B	32.6/125.4
D16	1750001771	S.VAR 1SV323H3F	B	32.0/114.5
D17	1720000631	S.VAR 1SV285(TPH3F)	B	94.6/66.6
D18	1720000631	S.VAR 1SV285(TPH3F)	B	91.4/57.7
D19	1750001850	S.DIO LDAN222T1G	T	59.6/39.8
D20	1750002210	S.DIO DA2S00100L	T	39.0/58.0
D21	1720000702	S.VAR 1SV305H3F	B	66.1/135.8
D22	1720000702	S.VAR 1SV305H3F	B	62.9/135.8
D24	1720000702	S.VAR 1SV305H3F	B	56.1/135.9
D27	1750002020	S.DIO DA2S10100L	B	57.2/140.4
D28	1720000702	S.VAR 1SV305H3F	B	36.0/134.4
D29	1720000702	S.VAR 1SV305H3F	B	37.2/134.4
D31	1720000702	S.VAR 1SV305H3F	B	32.4/135.4
D32	1720000702	S.VAR 1SV305H3F	B	32.4/136.6
D33	1790001622	S.DIO 1SV308L3F	B	37.8/144.2
D34	1790001622	S.DIO 1SV308L3F	B	85.5/137.8
D38	1750002190	S.DIO JDP2S12CR(TE85LQ)	B	87.8/135.7
D40	1750000370	S.DIO DA221 TL	T	112.7/77.0
D44	1750002190	S.DIO JDP2S12CR(TE85LQ)	B	92.0/125.8
D45	1790001670	S.DIO RB706F-40T106	B	96.3/138.1
D46	1750001850	S.DIO LDAN222T1G	T	13.3/131.2
D47	1750001850	S.DIO LDAN222T1G	T	13.3/129.2
D48	1790001670	S.DIO RB706F-40T106	B	118.5/144.5
D49	1790001670	S.DIO RB706F-40T106	B	140.9/133.1
D51	1750002020	S.DIO DA2S10100L	T	10.6/127.1
D53	1790001810	S.VAR AVR-M1005C080MTABB	T	32.5/11.5
D55	1790001810	S.VAR AVR-M1005C080MTABB	T	30.5/11.5
D56	1790001810	S.VAR AVR-M1005C080MTABB	B	34.1/21.1
D59	1790000700	DIO DSA3A1		
D61	1160000070	S.DIO DAN202K T146	T	118.5/14.3
Eqv.	1750000021	S.DIO 1SS184(TE85RF)		
Eqv.	1750002420	S.DIO LDAN202KLT1G		
D62	1750000431	S.DIO HSB88WSTR-E	B	68.3/123.3
D63	1750002020	S.DIO DA2S10100L	B	34.5/19.8
D64	1750000370	S.DIO DA221 TL	T	65.2/93.9
D65	1750000370	S.DIO DA221 TL	T	65.2/93.9
D66	1750000370	S.DIO DA221 TL	T	67.2/93.9
D67	1750000370	S.DIO DA221 TL	T	62.0/105.7
D68	1750000370	S.DIO DA221 TL	T	60.0/105.1
D69	1750000370	S.DIO DA221 TL	T	69.2/93.9
D70	1750000370	S.DIO DA221 TL	T	71.2/93.9
D71	1750000370	S.DIO DA221 TL	T	69.4/109.5
D72	1750000370	S.DIO DA221 TL	T	71.5/109.5
D73	1750000370	S.DIO DA221 TL	T	74.4/109.6
D74	1750000370	S.DIO DA221 TL	T	76.4/109.6
D75	1750002020	S.DIO DA2S10100L	B	41.1/38.7
D76	1750002020	S.DIO DA2S10100L	B	26.5/41.3
D77	1750002020	S.DIO DA2S10100L	B	49.2/29.9
D78	1750002130	S.ZEN DZ2J062M0L	B	52.3/29.9

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-E UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
D81	1750002020	S.DIO DA2S10100L	T	141.8/123.7
F11	2020001520	CER CFWLA450KFFA-B0 (CFWS450F)		
F12	2020002510	CER LTW450HT		
F13	2030000500	S.MON DSF753SBF 46.35 MHz (FL-401)	B	72.0/101.1
F14	2030000670	S.MON DSF753SBF 46.35 MHz (FL-420)	B	63.6/91.2
F15	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/110.3
F16	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/113.5
F17	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/116.6
X2	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	39.8/71.3
X3	6070000300	S.DIS JTBM450CX24	B	63.5/83.5
X4	6050012932	S.XTA CR-886B DSA321SDN 12.288 MHz	B	52.9/38.3
X5	6050012680	S.XTA CR-858(SMD-49/18.432 MHz)	T	46.9/52.8
L1	6200004660	S.COI MLF1608A 1R8K-T	T	118.6/36.7
L2	6200004660	S.COI MLF1608A 1R8K-T	B	23.7/82.4
L3	6200004480	S.COI MLF1608D R82K-T	B	41.4/79.4
L4	6200003540	S.COI MLF1608D R22K-T	B	39.5/76.7
L5	6200005681	S.COI ELJRE 15NGFA	B	102.3/48.8
L6	6200005681	S.COI ELJRE 15NGFA	B	46.7/102.2
L8	6200004741	S.COI NLV25T-1R2J-PF	B	28.5/121.7
L9	6200004741	S.COI NLV25T-1R2J-PF	B	28.5/124.9
L10	6200004741	S.COI NLV25T-1R2J-PF	B	28.5/114.1
L11	6200004741	S.COI NLV25T-1R2J-PF	B	83.7/63.1
L12	6200004741	S.COI NLV25T-1R2J-PF	B	83.7/54.6
L13	6200004741	S.COI NLV25T-1R2J-PF	B	30.6/117.2
L14	6200004741	S.COI NLV25T-1R2J-PF	B	84.2/66.2
L15	6200004741	S.COI NLV25T-1R2J-PF	B	84.2/57.7
L18	6200009260	S.COI C3328A-5N0J-A	B	88.7/63.1
L19	6200009260	S.COI C3328A-5N0J-A	B	89.8/54.0
L20	6200009260	S.COI C3328A-5N0J-A	B	33.2/121.7
L21	6200009260	S.COI C3328A-5N0J-A	B	34.7/113.1
L22	6200003550	S.COI MLF1608A 4R7K-T	B	73.4/109.9
L23	6200002861	S.COI NLV25T-4R7J-PF	B	57.6/108.9
L24	6200010740	S.COI C2520C-R27G-A	B	70.0/109.1
L25	6200004741	S.COI NLV25T-1R2J-PF	B	97.1/64.6
L26	6200004741	S.COI NLV25T-1R2J-PF	B	98.1/53.9
L27	6130002961	S.COI #617DB-1327=P3	B	68.3/117.0
L28	6200005701	S.COI ELJRE 22NGFA	B	62.3/123.6
L29	6200005721	S.COI ELJRE 33NGFA	B	102.6/58.6
L30	6200005721	S.COI ELJRE 33NGFA	B	46.9/116.2
L31	6200002861	S.COI NLV25T-4R7J-PF	T	91.1/20.0
L32	6130002961	S.COI #617DB-1327=P3	B	68.3/128.7
L33	6200005731	S.COI ELJRE 39NGFA	B	47.3/107.1
L34	6200005671	S.COI ELJRE 12NGFA	B	61.1/117.5
L35	6200005731	S.COI ELJRE 39NGFA	B	102.7/51.6
L36	6200005711	S.COI ELJRE 27NGFA	B	44.3/123.1
L37	6200005671	S.COI ELJRE 12NGFA	B	61.1/120.1
L38	6200005711	S.COI ELJRE 27NGFA	B	100.0/64.4
L39	6200009320	S.COI C3328A-12NG-A	B	70.8/137.3
L40	6200009320	S.COI C3328A-12NG-A	B	59.5/135.7
L41	6200009320	S.COI C3328A-12NG-A	B	51.4/136.3
L42	6200005711	S.COI ELJRE 27NGFA	B	134.8/83.9
L43	6200005711	S.COI ELJRE 27NGFA	B	142.0/87.2
L44	6200013490	S.COI C6328A-17NG-A	B	41.9/136.3
L45	6200005641	S.COI ELJRE 6N8ZFA	B	142.7/92.7
L46	6200005691	S.COI ELJRE 18NGFA	B	142.0/94.6
L47	6200013490	S.COI C6328A-17NG-A	B	34.8/140.3
L48	6200010100	S.COI C2012C-33NG-A	B	39.8/142.2
L49	6200010040	S.COI AS100340-10N-A	B	95.5/119.7
L50	6200005691	S.COI ELJRE 18NGFA	B	88.1/137.7
L52	6200010420	S.COI FHW1210HC 1R0JGT	B	86.6/122.4
L53	6200010150	S.COI AS080340-15N	B	92.5/134.4
L54	6200010150	S.COI AS080340-15N	B	99.8/133.9
L55	6200010150	S.COI AS080340-15N	B	107.6/135.9
L56	6200010150	S.COI AS080340-15N	B	114.4/139.0
L57	6200010150	S.COI AS080340-15N	B	144.7/142.1
L58	6200002861	S.COI NLV25T-4R7J-PF	T	55.4/37.5
L59	6200010420	S.COI FHW1210HC 1R0JGT	B	147.2/146.2
L60	6200010420	S.COI FHW1210HC 1R0JGT	B	24.5/145.0
L61	6200002961	S.COI NLV32T-4R7J-PF	T	118.5/23.8
L65	6200004741	S.COI NLV25T-1R2J-PF	B	41.3/123.3
L66	6200004741	S.COI NLV25T-1R2J-PF	B	42.8/113.5
L70	6200009320	S.COI C3328A-12NG-A	T	28.5/141.5
R1	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	54.5/63.5
R2	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	59.0/61.8

[MAIN-E UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R3	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	62.4/69.6
R4	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	57.3/80.1
R6	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	9.5/57.1
R7	7030010040	S.RES ERJ2GEJ-JPW	T	61.6/66.3
R8	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	24.9/70.4
R9	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	25.8/057.0
R10	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	26.7/70.4
R12	7510001730	S.THE ERTJ0EP 473J	B	132.5/47.4
R13	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	130.8/47.4
R15	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	54.6/78.3
R17	7030004980	S.RES ERJ2GEJ 101 X (100)	T	19.8/68.9
R18	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	55.4/79.2
R20	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	56.2/63.5
R22	7410001130	S.ARR EXB28V102JX	B	123.2/39.0
R23	7410001130	S.ARR EXB28V102JX	B	27.7/78.4
R25	7030004970	S.RES ERJ2GEJ 470 X (47)	B	65.3/79.4
R26	7030010040	S.RES ERJ2GEJ-JPW	T	57.9/64.5
R27	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	57.9/51.0
R29	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	37.5/74.8
R30	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	52.8/81.2
R32	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	51.6/78.0
R33	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	48.5/78.2
R34	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	27.1/68.1
R35	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	28.0/68.1
R36	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	28.9/68.1
R38	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	27.7/70.4
R39	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	28.6/70.4
R40	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	29.5/70.4
R41	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	68.2/78.2
R42	7030007060	S.RES ERJ2GEJ 684X (680K)	B	38.0/76.0
R44	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	71.4/78.2
R45	7030004980	S.RES ERJ2GEJ 101 X (100)	B	64.6/75.5
R46	7030005000	S.RES ERJ2GEJ 471 X (470)	T	52.7/57.1
R47	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	64.6/76.4
R48	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	62.8/76.4
R49	7030010040	S.RES ERJ2GEJ-JPW	T	55.2/57.0
R52	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.1/56.0
R53	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	16.8/57.7
R54	7030005000	S.RES ERJ2GEJ 471 X (470)	B	19.5/64.3
R56	7030010040	S.RES ERJ2GEJ-JPW	T	118.3/44.2
R57	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	62.8/75.5
R58	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	56.5/49.0
R59	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	57.4/49.0
R60	7030010040	S.RES ERJ2GEJ-JPW	B	35.7/73.2
R62	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	18.5/62.5
R63	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	55.5/60.1
R65	7030010040	S.RES ERJ2GEJ-JPW	B	126.4/46.9
R66	7030004980	S.RES ERJ2GEJ 101 X (100)	B	56.5/50.6
R68	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	57.5/86.8
R69	7030011910	S.RES ERJ2GEJ 106 X (10M)	B	20.8/86.3
R72	7030004980	S.RES ERJ2GEJ 101 X (100)	B	57.6/44.2
R75	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	45.1/70.8
R76	7030010040	S.RES ERJ2GEJ-JPW	B	91.3/42.3
R77	7030005580	S.RES ERJ2GEJ 560 X (56)	B	102.3/46.8
R78	7030010040	S.RES ERJ2GEJ-JPW	B	35.9/101.0
R79	7030005580	S.RES ERJ2GEJ 560 X (56)	B	44.7/99.8
R80	7030004970	S.RES ERJ2GEJ 470 X (47)	B	41.9/56.5
R81	7030007250	S.RES ERJ2GEJ 220 X (22)	B	49.9/50.5
R82	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	56.0/44.2
R84	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	97.2/45.4
R85	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	42.3/104.8
R87	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	73.8/81.2
R88	7030005530	S.RES ERJ2GEJ 100 X (10)	B	44.2/70.8
R89	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	67.2/83.2
R90	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	T	53.0/77.2
R91	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	96.3/45.4
R92	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	88.5/41.1
R93	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	40.5/104.8
R94	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	32.6/99.5
R97	7410001170	S.ARR EXB28V470JX	B	42.9/49.9
R98	7030005530	S.RES ERJ2GEJ 100 X (10)	B	70.7/90.4
R99	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	70.7/91.3
R100	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	69.1/92.3
R101	7030004980	S.RES ERJ2GEJ 101 X (100)	B	87.9/45.7
R102	7030004980	S.RES ERJ2GEJ 101 X (100)	B	36.9/104.8
R103	7030004980	S.RES ERJ2GEJ 101 X (100)	B	32.3/103.7
R104	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	87.9/47.4
R105	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	36.5/107.8
R106	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	32.3/105.4
R107	7030004980	S.RES ERJ2GEJ 101 X (100)	B	91.9/45.5
R108	7030005810	S.RES RR0510P-152-D (1.5K)	B	91.6/43.6
R109	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	65.7/100.1
R110	7030005810	S.RES RR0510P-152-D (1.5K)	B	36.1/103.1
R111	7030011910	S.RES ERJ2GEJ 106 X (10M)	B	26.6/87.8
R112	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	87.9/49.1
R113	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.3/107.1
R114	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	69.4/94.8

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-E UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R115	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	66.8/96.2
R116	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	92.1/48.8
R117	7030011920	S.RES RR0510P-561-D (560)	B	91.7/47.6
R118	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.8/94.8
R119	7030007270	S.RES ERJ2GEJ 151 X (150)	B	67.2/90.0
R120	7030011920	S.RES RR0510P-561-D (560)	B	36.0/106.4
R121	7030009280	S.RES ERJ2GEJ 391 X	B	28.0/108.1
R122	7030004970	S.RES ERJ2GEJ 470 X (47)	B	56.7/33.9
R123	7030004970	S.RES ERJ2GEJ 470 X (47)	B	49.5/38.5
R124	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.3/38.3
R125	7030009280	S.RES ERJ2GEJ 391 X	B	83.4/49.9
R126	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	95.5/43.5
R127	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	61.2/51.0
R128	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	40.5/103.1
R129	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.3/35.1
R130	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	56.2/36.7
R131	7030004980	S.RES ERJ2GEJ 101 X (100)	B	54.3/32.5
R132	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	50.8/34.9
R133	7030007280	S.RES ERJ2GEJ 331 X (330)	B	67.6/104.4
R134	7030007270	S.RES ERJ2GEJ 151 X (150)	B	62.7/97.1
R136	7030011910	S.RES ERJ2GEJ 106 X (10M)	B	114.2/62.8
R137	7030011910	S.RES ERJ2GEJ 106 X (10M)	B	115.2/57.3
R140	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	63.8/101.1
R142	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	65.7/103.1
R143	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	48.6/38.5
R144	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	48.6/36.9
R145	7030004970	S.RES ERJ2GEJ 470 X (47)	B	47.7/36.9
R146	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	98.7/47.2
R147	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	99.6/47.2
R148	7030004980	S.RES ERJ2GEJ 101 X (100)	B	59.3/106.8
R149	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	98.4/48.8
R150	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	91.5/66.6
R151	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	88.9/58.2
R152	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	65.2/107.0
R153	7030005000	S.RES ERJ2GEJ 471 X (470)	B	61.4/104.4
R154	7030006020	S.RES RR0510P-682-D (6.8K)	B	36.8/121.9
R155	7030006020	S.RES RR0510P-682-D (6.8K)	B	36.5/120.7
R156	7030006020	S.RES RR0510P-682-D (6.8K)	B	37.4/112.2
R157	7030005530	S.RES ERJ2GEJ 100 X (10)	B	92.4/66.6
R158	7030005530	S.RES ERJ2GEJ 100 X (10)	B	88.9/57.2
R159	7030005530	S.RES ERJ2GEJ 100 X (10)	B	65.2/106.1
R160	7030010040	S.RES ERJ2GEJ-JPW	B	36.8/123.7
R161	7030006020	S.RES RR0510P-682-D (6.8K)	B	37.6/113.5
R162	7030010040	S.RES ERJ2GEJ-JPW	B	37.6/115.3
R163	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.4/62.0
R164	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.7/52.9
R165	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	92.4/65.2
R166	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	93.1/56.3
R167	7030007250	S.RES ERJ2GEJ 220 X (22)	B	58.3/111.1
R168	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.4/63.4
R169	7030006020	S.RES RR0510P-682-D (6.8K)	B	93.1/54.5
R171	7030011170	S.RES RR0510P-471-D (470)	B	41.0/120.7
R172	7030009820	S.RES RR0510P-681-D (680)	B	97.0/62.0
R173	7030009820	S.RES RR0510P-681-D (680)	B	97.0/56.5
R174	7030011920	S.RES RR0510P-561-D (560)	B	41.4/115.7
R175	7030005530	S.RES ERJ2GEJ 100 X (10)	B	73.6/108.8
R176	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	100.5/56.8
R177	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	44.9/114.4
R178	7030004980	S.RES ERJ2GEJ 101 X (100)	B	100.5/55.9
R179	7030004980	S.RES ERJ2GEJ 101 X (100)	B	44.9/113.5
R180	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	38.1/108.5
R181	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	96.5/47.6
R182	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	68.5/107.0
R185	7030010040	S.RES ERJ2GEJ-JPW	T	62.3/117.5
R186	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	39.2/50.8
R187	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	41.5/56.1
R188	7410001150	S.ARR EXB28V471JX	T	48.6/41.1
R189	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	55.7/39.6
R190	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	43.3/56.1
R191	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	44.0/109.1
R192	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	44.9/109.1
R194	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	100.5/51.7
R195	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	100.5/53.4
R196	7030007260	S.RES ERJ2GEJ 330 X (33)	B	48.0/120.7
R197	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	40.5/50.6
R198	7030007260	S.RES ERJ2GEJ 330 X (33)	B	103.7/82.0
R199	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	67.6/57.5
R200	7030004980	S.RES ERJ2GEJ 101 X (100)	B	43.1/122.6
R201	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	48.0/122.6
R202	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	41.4/48.6
R204	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	54.8/39.6
R205	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	34.5/57.9
R207	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	103.7/64.0
R208	7030010040	S.RES ERJ2GEJ-JPW	B	46.2/120.7
R209	7030005000	S.RES ERJ2GEJ 471 X (470)	T	67.6/56.0
R212	7410001140	S.ARR EXB28V104JX	T	52.5/41.1
R213	7030005530	S.RES ERJ2GEJ 100 X (10)	T	41.4/47.7

[MAIN-E UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R214	7030004980	S.RES ERJ2GEJ 101 X (100)	B	98.9/64.0
R215	70300010040	S.RES ERJ2GEJ-JPW	B	100.9/62.0
R216	7410001140	S.ARR EXB28V104JX	T	17.5/52.3
R217	7410001140	S.ARR EXB28V104JX	T	38.6/56.2
R218	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	65.0/137.9
R220	7410001140	S.ARR EXB28V104JX	T	15.2/50.7
R222	7410001140	S.ARR EXB28V104JX	T	36.1/56.0
R223	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	64.0/136.3
R224	7410001150	S.ARR EXB28V471JX	T	30.5/53.1
R225	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	64.0/137.9
R226	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	57.2/136.1
R227	7410001150	S.ARR EXB28V471JX	T	42.9/28.9
R230	7410001150	S.ARR EXB28V471JX	T	28.7/50.9
R231	7030005010	S.RES ERJ2GEJ 681 X (680)	B	55.0/138.0
R232	7410001150	S.ARR EXB28V471JX	T	26.0/49.4
R233	7030005530	S.RES ERJ2GEJ 100 X (10)	B	54.1/136.1
R234	7410001150	S.ARR EXB28V471JX	T	43.6/25.6
R235	7410001150	S.ARR EXB28V471JX	T	24.2/47.6
R236	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	133.2/82.8
R237	7030004970	S.RES ERJ2GEJ 470 X (47)	B	48.4/138.3
R238	7410001150	S.ARR EXB28V471JX	T	45.8/29.0
R239	7410001150	S.ARR EXB28V471JX	T	22.5/45.8
R240	7030004980	S.RES ERJ2GEJ 101 X (100)	B	135.8/49.5
R241	7030005710	S.RES ERJ2GEJ 121 X (120)	B	48.4/133.8
R242	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	47.4/138.3
R243	7030005530	S.RES ERJ2GEJ 104 X (100K)	B	46.4/138.3
R244	7410001150	S.ARR EXB28V471JX	T	39.7/25.6
R245	7410001150	S.ARR EXB28V471JX	T	20.3/42.5
R246	7030005290	S.RES ERJ2GEJ 473 X (47K)	B	44.4/136.1
R247	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	47.4/140.4
R248	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	137.4/85.8
R253	7030004970	S.RES ERJ2GEJ 470 X (47)	B	138.9/85.4
R255	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	51.4/140.4
R257	7410001140	S.ARR EXB28V104JX	T	14.5/45.7
R258	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	58.3/140.4
R259	7030005170	S.RES ERJ2GEJ 474 X (470K)	B	56.1/140.4
R260	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	144.6/121.4
R261	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	52.6/25.3
R262	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	52.1/22.8
R263	7410001140	S.ARR EXB28V104JX	B	42.9/19.0
R264	7410001140	S.ARR EXB28V104JX	T	50.3/24.0
R265	7030007280	S.RES ERJ2GEJ 331 X (330)	T	143.0/121.4
R266	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	34.6/133.6
R267	7410001140	S.ARR EXB28V104JX	T	14.8/43.1
R268	7410001150	S.ARR EXB28V471JX	T	45.9/31.9
R269	7030007270	S.RES ERJ2GEJ 151 X (150)	B	140.9/94.1
R270	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.7/134.1
R271	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	23.8/26.7
R272	7410001150	S.ARR EXB28V471JX	T	17.9/32.3
R273	7410001150	S.ARR EXB28V471JX	T	17.9/35.1
R274	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	31.6/134.1
R277	7030004980	S.RES ERJ2GEJ 101 X (100)	T	143.4/126.6
R278	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	14.0/65.6
R279	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	103.7/88.5
R280	7030004990	S.RES ERJ2GEJ 221 X (220)	T	138.4/128.2
R281	7410001150	S.ARR EXB28V471JX	T	21.3/31.8
R282	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	37.9/20.4
R283	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	141.6/126.6
R285	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	101.7/79.2
R287	7410001140	S.ARR EXB28V104JX	T	49.7/27.7
R288	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	136.9/124.7
R289	7030006070	S.RES ERJ12Y101U (100)	B	87.0/117.6
R290	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	137.3/122.6
R291	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	140.6/123.1
R292	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	139.4/128.2
R295	7030006610	S.RES ERJ2GEJ 394 X (390K)	T	136.4/122.6
R296	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	121.9/77.2
R297	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	122.9/77.2
R298	7030000440	S.RES MCR10EZJH 3.3K (332)	T	120.5/77.0
R299	7030004980	S.RES ERJ2GEJ 101 X (100)	B	29.1/19.4
R300	7030005530	S.RES ERJ2GEJ 100 X (10)	T	47.6/73.1
R301	7030008300	S.RES ERJ2GEJ 184 X (180K)	B	85.8/131.0
R303	7410001150	S.ARR EXB28V471JX	T	47.7/68.4
R304	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	95.4/136.0
R306	7520000261	S.POS PRF18BB471QB5RB	B	87.3/130.2
R308	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	140.8/128.3
R309	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	102.3/75.7
R313	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	103.5/77.8
R315	7030005070	S.RES ERJ2GEJ 274 X (270K)	B	98.6/137.4
R316	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	11.2/128.2
R320	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	15.1/124.2
R321	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	119.6/142.2
R322	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	119.7/146.3
R324	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	31.3/12.0
R325	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.3/12.0
R326	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	13.2/125.8
R327	7030001090	S.RES MCR50JZHJ 47 (470)	B	119.0/130.6

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-E UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R328	7030000260	S.RES MCR10EZJH 100 (101)	B	139.3/144.4
R331	7030004980	S.RES ERJ2GEJ 101 X (100)	T	12.0/120.0
R332	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	139.5/135.1
R333	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	139.4/131.4
R334	7030005651	S.RES ERA3YKD 304V (300K)	T	57.8/30.5
R335	7030005871	S.RES ERA3YKD 104V (100K)	T	55.9/29.8
R336	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	12.0/120.9
R337	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	13.2/120.6
R339	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	12.0/125.3
R341	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	33.3/12.0
R342	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	45.3/56.9
R346	7410001150	S.ARR EXB28V471JX	T	43.6/73.8
R347	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	9.9/132.9
R348	7030000620	S.RES MCR10EZJH 100 K (104)	B	147.3/150.9
R349	7030000620	S.RES MCR10EZJH 100 K (104)	B	26.0/149.7
R350	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	6.4/131.1
R352	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	10.8/125.6
R353	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.8/56.9
R354	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	125.2/103.7
R355	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	129.2/103.7
R356	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	10.8/133.9
R357	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	10.2/150.2
R362	7540000290	ABS ERZV10D220		
R364	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	65.1/71.2
R365	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	7.5/120.7
R366	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	6.3/122.7
R367	7030004980	S.RES ERJ2GEJ 101 X (100)	T	9.8/117.3
R368	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	8.6/117.8
R369	7030005230	S.RES ERJ2GEJ 374 X (330K)	T	9.8/118.2
R370	7030008280	S.RES ERJ2GEJ 271 X (270)	T	6.2/120.7
R371	7030010040	S.RES ERJ2GEJ-JPW	T	5.1/117.3
R372	7030005000	S.RES ERJ2GEJ 471 X (470)	T	115.3/15.8
R373	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	115.3/14.0
R374	7030000140	S.RES MCR10EZJH 10 (100)	T	111.2/12.3
R375	7030010040	S.RES ERJ2GEJ-JPW	T	100.1/16.3
R376	7030004980	S.RES ERJ2GEJ 101 X (100)	B	62.3/122.2
R377	7030007280	S.RES ERJ2GEJ 331 X (330)	B	62.3/124.7
R378	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	63.2/126.1
R379	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	59.6/126.1
R380	7030007260	S.RES ERJ2GEJ 330 X (33)	B	57.8/123.7
R381	7030007270	S.RES ERJ2GEJ 151 X (150)	B	61.4/126.1
R424	7410001150	S.ARR EXB28V471JX	T	46.3/42.9
R425	7410001150	S.ARR EXB28V471JX	T	36.9/23.0
R426	7410001150	S.ARR EXB28V471JX	T	47.9/33.9
R427	7030005000	S.RES ERJ2GEJ 471 X (470)	T	25.5/26.7
R428	7410001140	S.ARR EXB28V104JX	T	47.9/22.4
R429	7410001140	S.ARR EXB28V104JX	T	49.8/30.2
R430	7410001140	S.ARR EXB28V104JX	T	52.4/43.7
R431	7410001150	S.ARR EXB28V471JX	T	17.9/40.3
R432	7410001140	S.ARR EXB28V104JX	T	15.2/48.2
R433	7410001150	S.ARR EXB28V471JX	T	40.0/22.7
R434	7410000750	S.ARR EXB-V4V 104JV (100K)	B	36.8/48.3
R435	7410001140	S.ARR EXB28V104JX	B	39.2/47.6
R436	7410001140	S.ARR EXB28V104JX	B	44.4/41.2
R438	7410001140	S.ARR EXB28V104JX	B	34.5/47.8
R443	7030005000	S.RES ERJ2GEJ 471 X (470)	T	60.4/59.2
R444	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/33.6
R445	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/36.1
R446	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/37.4
R448	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	49.8/19.2
R449	7030005170	S.RES ERJ2GEJ 474 X (470K)	T	39.5/19.3
R450	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	50.2/17.1
R452	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	51.0/19.0
R454	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	95.0/2.8
R455	7030005010	S.RES ERJ2GEJ 681 X (680)	B	125.0/2.8
R456	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	110.0/2.8
R467	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	37.7/44.6
R468	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	26.3/44.6
R469	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	32.6/44.6
R470	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	10.9/20.2
R471	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	47.7/44.2
R472	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	4.8/36.1
R473	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.2/44.6
R474	7030005530	S.RES ERJ2GEJ 100 X (10)	B	15.6/55.4
R475	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	9.6/53.2
R476	7030008270	S.RES RR0510P-104-D (100K)	B	15.0/53.5
R477	7030005860	S.RES RR0510P-823-D (82K)	B	15.0/52.6
R478	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	9.2/54.8
R479	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	64.2/69.6
R480	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	15.3/63.9
R481	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	14.0/63.5
R482	7410001150	S.ARR EXB28V471JX	T	19.6/45.2
R483	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	31.3/56.5
R484	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	28.8/50.9
R485	7410001150	S.ARR EXB28V471JX	T	67.3/97.1
R486	7410001150	S.ARR EXB28V471JX	T	63.9/107.0
R487	7410001150	S.ARR EXB28V471JX	T	74.0/107.3

[MAIN-E UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R488	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	T	9.5/54.9
R489	7030004980	S.RES ERJ2GEJ 101 X (100)	B	24.1/58.7
R490	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	28.3/58.4
R491	7030004980	S.RES ERJ2GEJ 101 X (100)	B	26.1/51.2
R492	7030005060	S.RES ERJ2GEJ 333 X (33K)	B	29.9/58.9
R493	7030010040	S.RES ERJ2GEJ-JPW	T	11.3/109.0
R494	7030005000	S.RES ERJ2GEJ 471 X (470)	T	73.8/99.0
R495	7030007060	S.RES ERJ2GEJ 684X (680K)	T	55.2/55.3
R496	7030010030	S.RES ERJ2RHD 9102X (91.0K)	T	52.7/56.2
R497	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	52.7/55.3
R498	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	61.4/103.1
R499	7030004980	S.RES ERJ2GEJ 101 X (100)	T	24.4/57.0
R500	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	21.2/57.5
R501	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	22.8/53.8
R502	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	28.0/55.0
R503	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	55.5/58.4
R505	7030010040	S.RES ERJ2GEJ-JPW	T	113.4/18.3
R506	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	113.4/19.3
R507	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	115.0/19.3
R508	7030010040	S.RES ERJ2GEJ-JPW	T	144.6/119.6
R509	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	33.3/15.2
R510	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	29.0/14.1
R511	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	29.1/18.5
R512	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.8/18.5
R513	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.3/90.4
R530	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	62.5/66.3
R532	7030005000	S.RES ERJ2GEJ 471 X (470)	B	44.6/37.0
R533	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	57.2/18.4
R534	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	45.3/58.6
R535	7030004980	S.RES ERJ2GEJ 101 X (100)	B	55.5/55.3
R536	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	55.8/58.6
R537	7030010040	S.RES ERJ2GEJ-JPW	B	41.8/41.1
R539	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	64.2/71.2
R540	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	90.6/17.9
R541	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	28.9/55.0
R542	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	43.7/72.9
R543	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	46.0/70.8
R546	7030010040	S.RES ERJ2GEJ-JPW	B	141.9/91.0
R548	7030001070	S.RES MCR50JZHJ 33 (330)	T	87.0/33.3
R549	7030001070	S.RES MCR50JZHJ 33 (330)	T	80.0/30.2
R551	7030010040	S.RES ERJ2GEJ-JPW	B	15.5/60.5
R553	7030010040	S.RES ERJ2GEJ-JPW	B	15.9/59.3
R557	7030010040	S.RES ERJ2GEJ-JPW	B	10.3/62.6
R560	7030006610	S.RES ERJ2GEJ 394 X (390K)	T	140.8/130.2
R561	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	140.8/131.1
R562	7410001170	S.ARR EXB28V470JX	B	32.3/49.8
R563	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	42.1/62.4
R565	7030010040	S.RES ERJ2GEJ-JPW	B	15.3/62.2
R566	7030004990	S.RES ERJ2GEJ 221 X (220)	T	141.4/121.5
R600	7030010040	S.RES ERJ2GEJ-JPW	B	124.6/41.5
R601	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	124.6/42.4
R602	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	124.6/43.3
R603	7030010040	S.RES ERJ2GEJ-JPW	B	118.3/48.0
R604	7030010040	S.RES ERJ2GEJ-JPW	T	119.2/41.5
R605	7030010040	S.RES ERJ2GEJ-JPW	B	121.1/49.7
R606	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	90.2/40.7
R607	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	92.3/41.2
R609	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	120.9/38.5
R610	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	126.0/45.6
R611	7030010040	S.RES ERJ2GEJ-JPW	B	31.0/78.3
R612	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	31.9/78.3
R613	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.8/78.3
R614	7030010040	S.RES ERJ2GEJ-JPW	B	37.5/84.2
R615	7030010040	S.RES ERJ2GEJ-JPW	T	32.4/81.0
R616	7030010040	S.RES ERJ2GEJ-JPW	B	39.3/81.5
R617	7030010040	S.RES ERJ2GEJ-JPW	T	33.3/84.5
R618	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	33.8/99.2
R619	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	35.4/99.2
R621	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	28.5/80.9
R622	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	35.3/72.0
R623	7030004970	S.RES ERJ2GEJ 470 X (47)	T	30.3/22.3
R624	7030004970	S.RES ERJ2GEJ 470 X (47)	T	30.3/23.2
R629	7030004970	S.RES ERJ2GEJ 470 X (47)	T	45.1/23.6
R632	7030004970	S.RES ERJ2GEJ 470 X (47)	T	44.1/22.7
R633	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	118.1/61.6
R634	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	117.2/61.6
R635	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	36.3/74.8
R636	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	33.5/75.1
R637	7030008370	S.RES ERJ2GEJ 561 X (560)	B	49.8/78.0
R638	7030005710	S.RES ERJ2GEJ 121 X (120)	B	18.8/37.5
C1	4030017420	S.CER C1005 CH 1H 470J-T	B	122.3/37.0
C2	4030017420	S.CER C1005 CH 1H 470J-T	B	25.8/79.3
C3	4030016930	S.CER C1005 JB 1A 104J-T	B	130.8/48.3
C4	4030017420	S.CER C1005 CH 1H 470J-T	B	126.9/37.1
C5	4030017420	S.CER C1005 CH 1H 470J-T	B	21.0/78.3

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-E UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C6	4030016930	S.CER C1005 JB 1A 104K-T	B	52.5/78.0
C7	4030017420	S.CER C1005 CH 1H 470J-T	B	124.2/36.3
C8	4030017420	S.CER C1005 CH 1H 470J-T	B	21.0/79.2
C9	4030017460	S.CER C1005 JB 1H 102K-T	T	17.6/59.0
C10	4030016930	S.CER C1005 JB 1A 104K-T	B	55.8/78.0
C11	4030016930	S.CER C1005 JB 1A 104K-T	B	125.6/39.9
C12	4030016930	S.CER C1005 JB 1A 104K-T	B	21.0/77.4
C13	4030016930	S.CER C1005 JB 1A 104K-T	B	55.6/80.7
C14	4030017460	S.CER C1005 JB 1H 102K-T	T	16.1/59.9
C15	4030016930	S.CER C1005 JB 1A 104K-T	T	62.4/67.5
C16	4030017420	S.CER C1005 CH 1H 470J-T	T	56.2/64.5
C17	4030016930	S.CER C1005 JB 1A 104K-T	T	120.1/38.2
C18	4030017700	S.CER C1005 CH 1H 151J-T	T	62.4/71.2
C19	4030016930	S.CER C1005 JB 1A 104K-T	B	25.7/82.7
C20	4550006250	S.TAN TEESVA 1A 106M8R	T	123.9/39.5
Eqv.	4550007520	S.TAN F931A106MAABMA		
C21	4550006250	S.TAN TEESVA 1A 106M8R	B	19.8/82.1
Eqv.	4550007520	S.TAN F931A106MAABMA		
C22	4030016930	S.CER C1005 JB 1A 104K-T	B	50.7/78.0
C23	4030016930	S.CER C1005 JB 1A 104K-T	T	57.9/52.7
C24	4030016930	S.CER C1005 JB 1A 104K-T	B	50.3/81.2
C25	4030016930	S.CER C1005 JB 1A 104K-T	B	54.4/81.2
C26	4030017460	S.CER C1005 JB 1H 102K-T	T	121.0/38.2
C27	4030017460	S.CER C1005 JB 1H 102K-T	B	26.6/82.7
C28	4030016930	S.CER C1005 JB 1A 104K-T	B	53.4/78.0
C30	4030017460	S.CER C1005 JB 1H 102K-T	T	59.8/67.1
C31	4030016930	S.CER C1005 JB 1A 104K-T	T	60.6/53.1
C32	4030017590	S.CER C1005 CH 1H 070C-T	B	40.3/79.5
C33	4030016930	S.CER C1005 JB 1A 104K-T	T	58.9/67.1
C34	4030017570	S.CER C1005 CH 1H 040B-T	B	39.0/78.7
C35	4030016930	S.CER C1005 JB 1A 104K-T	B	40.9/76.9
C36	4030017500	S.CER C1005 CH 1H 560J-T	B	39.0/79.6
C37	4030016930	S.CER C1005 JB 1A 104K-T	B	48.5/79.8
C38	4030016930	S.CER C1005 JB 1A 104K-T	B	69.8/78.2
C39	4030017360	S.CER C1005 CH 1H 030B-T	B	71.4/77.3
C40	4030017760	S.CER C1005 JB 1H 222K-T	B	68.2/77.3
C41	4030020450	S.CER C1005 JB 0J 475M-T	B	32.0/57.2
C42	4030017760	S.CER C1005 JB 1H 222K-T	B	68.2/76.4
C43	4030016930	S.CER C1005 JB 1A 104K-T	B	55.6/49.0
C44	4030018860	S.CER C1005 JB 0J 105K-T	B	33.9/57.2
C45	4030016950	S.CER C1005 JB 1A 473K-T	B	37.6/55.9
C46	4030018110	S.CER C1005 JB 1H 272K-T	B	66.4/78.2
C47	4030017460	S.CER C1005 JB 1H 102K-T	B	64.6/77.3
C48	4030016930	S.CER C1005 JB 1A 104K-T	T	52.7/54.4
C49	4030018860	S.CER C1005 JB 0J 105K-T	B	15.5/58.1
C50	4030016790	S.CER C1005 JB 1E 103K-T	B	133.6/45.1
C51	4030017620	S.CER C1005 CH 1H 100C-T	B	126.9/45.6
C52	4030017920	S.CER C1005 JB 1A 683K-T	B	117.4/40.4
C53	4030016930	S.CER C1005 JB 1A 104K-T	B	29.5/84.9
C54	4030017660	S.CER C1005 CH 1H 330J-T	B	35.4/75.8
C56	4030016950	S.CER C1005 JB 1A 473K-T	B	33.7/54.0
C58	4030017920	S.CER C1005 JB 1A 683K-T	B	28.6/84.9
C59	4030017460	S.CER C1005 JB 1H 102K-T	B	35.7/74.3
C60	4030017620	S.CER C1005 CH 1H 100C-T	B	36.2/72.0
C61	4030018900	S.CER C1005 JB 0J 474K-T	B	18.1/63.9
C63	4030016930	S.CER C1005 JB 1A 104K-T	T	55.5/61.7
C66	4030017460	S.CER C1005 JB 1H 102K-T	B	125.1/47.3
C67	4030017460	S.CER C1005 JB 1H 102K-T	B	67.5/87.7
C70	4030017460	S.CER C1005 JB 1H 102K-T	B	64.3/79.4
C71	4030016930	S.CER C1005 JB 1A 104K-T	B	57.6/43.3
C73	4030016970	S.CER C1005 JB 1E 223K-T	B	98.1/45.4
C74	4030017780	S.CER C1005 JB 1H 472K-T	B	87.8/43.1
C75	4030016970	S.CER C1005 JB 1E 223K-T	B	41.4/104.8
C76	4030017780	S.CER C1005 JB 1H 472K-T	B	32.3/102.1
C77	4030016930	S.CER C1005 JB 1A 104K-T	T	53.9/57.7
C79	4030017580	S.CER C1005 CH 1H 060C-T	B	47.0/100.4
C80	4030017430	S.CER C1005 CH 1H 101J-T	B	102.3/45.9
C81	4030017430	S.CER C1005 CH 1H 101J-T	B	43.6/99.8
C82	4550006250	S.TAN TEESVA 1A 106M8R	B	61.1/79.2
Eqv.	4550007520	S.TAN F931A106MAABMA		
C83	4030017460	S.CER C1005 JB 1H 102K-T	B	71.8/86.8
C84	4030017420	S.CER C1005 CH 1H 470J-T	B	74.8/81.2
C85	4030017620	S.CER C1005 CH 1H 100C-T	B	56.0/43.3
C86	4030016930	S.CER C1005 JB 1A 104K-T	B	51.8/47.2
C87	4030018910	S.CER C1608 JB 0J 475K-T	B	54.3/48.4
C90	4030017680	S.CER C1005 CH 1H 820J-T	B	69.1/86.8
C91	4030016930	S.CER C1005 JB 1A 104K-T	T	60.7/66.3
C92	4030016790	S.CER C1005 JB 1E 103K-T	B	72.8/88.0
C93	4030017460	S.CER C1005 JB 1H 102K-T	B	70.0/88.0
C96	4030018910	S.CER C1608 JB 0J 475K-T	B	49.2/48.9
C97	4030016930	S.CER C1005 JB 1A 104K-T	B	57.4/50.6
C98	4030017460	S.CER C1005 JB 1H 102K-T	B	40.5/106.5
C99	4030017460	S.CER C1005 JB 1H 102K-T	B	44.6/72.0
C104	4030016790	S.CER C1005 JB 1E 103K-T	B	43.3/71.7
C105	4030017580	S.CER C1005 CH 1H 060C-T	B	103.4/49.4
C106	4030017580	S.CER C1005 CH 1H 060C-T	B	47.0/104.0
C107	4030017590	S.CER C1005 CH 1H 070C-T	B	72.3/89.5

[MAIN-E UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C108	4030017460	S.CER C1005 JB 1H 102K-T	B	96.5/46.7
C109	4030017380	S.CER C1005 CH 1H 050B-T	B	102.5/50.6
C110	4030017380	S.CER C1005 CH 1H 050B-T	B	46.5/105.3
C111	4030016790	S.CER C1005 JB 1E 103K-T	B	70.7/92.3
C114	4030017580	S.CER C1005 CH 1H 060C-T	B	103.4/47.7
C116	4030017460	S.CER C1005 JB 1H 102K-T	B	70.7/89.5
C117	4030016790	S.CER C1005 JB 1E 103K-T	B	69.1/90.4
C118	4030016790	S.CER C1005 JB 1E 103K-T	B	69.1/91.3
C121	4030016790	S.CER C1005 JB 1E 103K-T	B	71.1/94.8
C122	4030016790	S.CER C1005 JB 1E 103K-T	B	67.3/91.6
C123	4030016930	S.CER C1005 JB 1A 104K-T	B	67.5/100.1
C124	4030016930	S.CER C1005 JB 1A 104K-T	B	48.5/50.5
C125	4030016790	S.CER C1005 JB 1E 103K-T	B	96.8/43.5
C126	4030016790	S.CER C1005 JB 1E 103K-T	B	57.2/35.1
C127	4030016790	S.CER C1005 JB 1E 103K-T	B	41.4/103.1
C128	4030017460	S.CER C1005 JB 1H 102K-T	B	31.4/108.0
C131	4030017460	S.CER C1005 JB 1H 102K-T	B	86.8/49.7
C133	4030017590	S.CER C1005 CH 1H 070C-T	B	59.4/92.8
C134	4550003260	S.TAN TEESVA 1V 684M8R	B	28.6/106.5
Eqv.	4550008300	S.TAN F931V684MAA		
C136	4030016930	S.CER C1005 JB 1A 104K-T	B	50.4/36.9
C137	4030017620	S.CER C1005 CH 1H 100C-T	B	56.2/38.3
C138	4030017640	S.CER C1005 CH 1H 150J-T	B	75.8/101.1
C139	4030017650	S.CER C1005 CH 1H 270J-T	B	59.4/91.9
C140	4030016930	S.CER C1005 JB 1A 104K-T	B	55.3/36.7
C141	4550003260	S.TAN TEESVA 1V 684M8R	B	84.0/48.1
Eqv.	4550008300	S.TAN F931V684MAA		
C144	4550006250	S.TAN TEESVA 1A 106M8R	B	96.3/41.7
Eqv.	4550007520	S.TAN F931A106MAABMA		
C145	4030017420	S.CER C1005 CH 1H 470J-T	B	50.4/38.5
C146	4030017460	S.CER C1005 JB 1H 102K-T	B	56.2/35.1
C147	4550006250	S.TAN TEESVA 1A 106M8R	B	39.2/100.9
Eqv.	4550007520	S.TAN F931A106MAABMA		
C149	4030016790	S.CER C1005 JB 1E 103K-T	B	69.4/95.7
C150	4030016790	S.CER C1005 JB 1E 103K-T	B	65.7/97.3
C151	4030017610	S.CER C1005 CH 1H 090C-T	B	61.7/97.1
C152	4030016930	S.CER C1005 JB 1A 104K-T	B	55.3/32.5
C153	4030017380	S.CER C1005 CH 1H 050B-T	B	49.8/34.9
C154	4030017420	S.CER C1005 CH 1H 470J-T	B	26.5/120.6
C155	4030017460	S.CER C1005 JB 1H 102K-T	B	26.5/123.2
C156	4030017420	S.CER C1005 CH 1H 470J-T	B	28.5/111.5
C157	4030020000	S.CER C1005 JB 1A 105K-T	B	28.0/117.2
C158	4030017420	S.CER C1005 CH 1H 470J-T	B	81.7/62.1
C159	4030017420	S.CER C1005 CH 1H 470J-T	B	81.7/53.6
C160	4030016790	S.CER C1005 JB 1E 103K-T	B	65.7/104.4
C161	4030016790	S.CER C1005 JB 1E 103K-T	B	62.7/98.9
C162	4030016930	S.CER C1005 JB 1A 104K-T	B	81.7/67.1
C163	4030016930	S.CER C1005 JB 1A 104K-T	B	81.7/58.6
C164	4030016930	S.CER C1005 JB 1A 104K-T	B	49.5/36.9
C165	4030017460	S.CER C1005 JB 1H 102K-T	B	81.7/66.2
C166	4030017460	S.CER C1005 JB 1H 102K-T	B	81.7/57.0
C167	4030017460	S.CER C1005 JB 1H 102K-T	B	99.0/45.4
C168	4030017570	S.CER C1005 CH 1H 040B-T	B	32.6/124.3
C169	4030017620	S.CER C1005 CH 1H 100C-T	B	30.8/124.4
C170	4030017380	S.CER C1005 CH 1H 050B-T	B	30.6/114.4
C171	4030017630	S.CER C1005 CH 1H 120J-T	B	30.6/115.3
C172	4030017360	S.CER C1005 CH 1H 030B-T	B	87.8/65.7
C173	4030017590	S.CER C1005 CH 1H 070C-T	B	86.5/65.3
C174	4030017570	S.CER C1005 CH 1H 040B-T	B	85.7/55.9
C175	4030017610	S.CER C1005 CH 1H 090C-T	B	85.7/55.9
C176	4030018860	S.CER C1005 JB 0J 105K-T	T	62.9/51.0
C177	4030017590	S.CER C1005 CH 1H 070C-T	B	35.6/120.7
C178	4030017600	S.CER C1005 CH 1H 080C-T	B	32.0/112.2
C179	4030017420	S.CER C1005 CH 1H 470J-T	T	14.9/129.1
C180	4030017380	S.CER C1005 CH 1H 050B-T	B	91.5/62.0
C181	4030017580	S.CER C1005 CH 1H 060C-T	B	87.1/52.9
C182	4030016790	S.CER C1005 JB 1E 103K-T	B	63.1/104.4
C183	4030017420	S.CER C1005 CH 1H 470J-T	T	14.9/131.3
C184	4030017630	S.CER C1005 CH 1H 120J-T	B	34.9/124.3
C185	4030017630	S.CER C1005 CH 1H 120J-T	B	35.4/115.3
C186	4030017420	S.CER C1005 CH 1H 470J-T	B	99.3/48.8
C187	4030017530	S.CER C1005 CH 1H 0R5B-T	B	89.4/66.8
C188	4030017360	S.CER C1005 CH 1H 030B-T	B	90.6/66.6
C189	4030017340	S.CER C1005 CH 1H 010B-T	B	87.0/57.2
C190	4030017340	S.CER C1005 CH 1H 010B-T	B	87.0/58.2
C191	4030017600	S.CER C1005 CH 1H 080C-T	B	89.4/65.7
C192	4030017600	S.CER C1005 CH 1H 080C-T	B	90.5/56.3
C193	4030017460	S.CER C1005 JB 1H 102K-T	B	61.5/107.2
C194	4030017600	S.CER C1005 CH 1H 080C-T	B	36.8/122.8
C195	4030017630	S.CER C1005 CH 1H 120J-T	B	40.1/120.7
C196	4030017620	S.CER C1005 CH 1H 100C-T	B	37.6/114.4
C197	4030017640	S.CER C1005 CH 1H 150J-T	B	41.0/112.2
C198	4030016790	S.CER C1005 JB 1E 103K-T	B	60.6/107.2
C200	4030017360	S.CER C1005 CH 1H 030B-T	B	92.4/64.3
C201	4030017600	S.CER C1005 CH 1H 080C-T	B	96.0/62.0
C202	4030017570	S.CER C1005 CH 1H 040B-T	B	93.1/55.4
C203	4030017620	S.CER C1005 CH 1H 100C-T	B	96.3/52.9

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

[MAIN-E UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C204	4550006250	S.TAN TEESVA 1A 106M8R	T	81.7/15.2
Eqv.	4550007520	S.TAN F931A106MAABMA		
C205	4550006250	S.TAN TEESVA 1A 106M8R	T	85.1/17.1
Eqv.	4550007520	S.TAN F931A106MAABMA		
C206	4550006250	S.TAN TEESVA 1A 106M8R	T	88.8/16.8
Eqv.	4550007520	S.TAN F931A106MAABMA		
C208	4030017490	S.CER C1608 JB 1A 105K-T	T	80.0/15.6
C209	4030017490	S.CER C1608 JB 1A 105K-T	T	83.4/16.6
C210	4030017490	S.CER C1608 JB 1A 105K-T	T	87.0/16.3
C211	4030016930	S.CER C1005 JB 1A 104K-T	B	38.3/120.7
C212	4030016790	S.CER C1005 JB 1E 103K-T	B	39.2/112.2
C213	4030017660	S.CER C1005 CH 1H 330J-T	B	68.5/106.1
C214	4030017460	S.CER C1005 JB 1H 102K-T	B	66.8/107.0
C215	4030017520	S.CER C1005 CH 1H 0R3B-T	B	41.9/120.7
C216	4030017520	S.CER C1005 CH 1H 0R3B-T	B	42.6/115.7
C217	4030017460	S.CER C1005 JB 1H 102K-T	B	39.2/120.7
C218	4030017460	S.CER C1005 JB 1H 102K-T	B	40.1/112.2
C219	4030016790	S.CER C1005 JB 1E 103K-T	B	94.2/62.0
C220	4030017530	S.CER C1005 CH 1H 0R5B-T	B	98.2/61.3
C221	4030016790	S.CER C1005 JB 1E 103K-T	B	94.5/52.9
C222	4030017530	S.CER C1005 CH 1H 0R5B-T	B	98.2/57.1
C224	4030017460	S.CER C1005 JB 1H 102K-T	B	95.1/62.0
C225	4030017460	S.CER C1005 JB 1H 102K-T	B	95.4/52.9
C228	4030017490	S.CER C1608 JB 1A 105K-T	T	77.9/24.2
C229	4030017490	S.CER C1608 JB 1A 105K-T	T	82.7/24.8
C230	4030017490	S.CER C1608 JB 1A 105K-T	T	86.8/24.4
C231	4550005980	S.TAN TEESVA 1A 475M8R	T	80.0/25.1
Eqv.	4550007270	S.TAN F931A475MAABMA		
C232	4550005980	S.TAN TEESVA 1A 475M8R	T	84.4/25.6
Eqv.	4550007270	S.TAN F931A475MAABMA		
C233	4550005980	S.TAN TEESVA 1A 475M8R	T	88.5/25.7
Eqv.	4550007270	S.TAN F931A475MAABMA		
C235	4030017030	S.CER C1005 JB 1A 273K-T	T	40.9/55.0
C236	4030017730	S.CER C1005 JB 1H 471K-T	B	100.5/55.0
C237	4030017460	S.CER C1005 JB 1H 102K-T	B	100.5/60.4
C238	4030017730	S.CER C1005 JB 1H 471K-T	B	44.9/112.6
C239	4030017460	S.CER C1005 JB 1H 102K-T	B	44.9/118.0
C240	4510009550	S.ELE EEEFK1C100R	T	95.1/22.4
C241	4030017350	S.CER C1005 CH 1H 020B-T	B	68.3/120.9
C242	4030016790	S.CER C1005 JB 1E 103K-T	B	68.7/111.2
C243	4030017460	S.CER C1005 JB 1H 102K-T	B	70.3/106.1
C244	4030016790	S.CER C1005 JB 1E 103K-T	B	70.3/107.0
C245	4030017460	S.CER C1005 JB 1H 102K-T	B	91.5/59.6
C246	4030017610	S.CER C1005 CH 1H 090C-T	B	46.9/113.5
C247	4030017460	S.CER C1005 JB 1H 102K-T	B	43.1/109.1
C248	4030017460	S.CER C1005 JB 1H 102K-T	B	36.0/117.8
C249	4030017460	S.CER C1005 JB 1H 102K-T	B	48.1/109.1
C250	4030017380	S.CER C1005 CH 1H 050B-T	B	103.7/58.7
C251	4030017600	S.CER C1005 CH 1H 080C-T	B	102.6/55.9
C252	4030017460	S.CER C1005 JB 1H 102K-T	B	100.5/50.0
C253	4030017380	S.CER C1005 CH 1H 050B-T	B	48.0/116.2
C254	4030017460	S.CER C1005 JB 1H 102K-T	B	103.7/53.4
C255	4030016930	S.CER C1005 JB 1A 104K-T	T	42.1/50.6
C256	4030017640	S.CER C1005 CH 1H 150J-T	T	43.3/55.2
C257	4030016790	S.CER C1005 JB 1E 103K-T	T	34.5/58.8
C258	4030017620	S.CER C1005 CH 1H 100C-T	B	59.6/117.8
C259	4030017580	S.CER C1005 CH 1H 060C-T	T	48.5/46.4
C262	4030016930	S.CER C1005 JB 1A 104K-T	T	69.2/57.5
C263	4030017460	S.CER C1005 JB 1H 102K-T	B	60.5/126.1
C265	4030017460	S.CER C1005 JB 1H 102K-T	B	43.5/120.7
C266	4030018900	S.CER C1005 JB 0J 474K-T	T	43.9/45.6
C267	4030017390	S.CER C1005 CH 1H 180J-T	B	59.6/119.3
C268	4030017460	S.CER C1005 JB 1H 102K-T	B	62.3/126.1
C269	4550006780	S.TAN TEESVB2 0J 476M8R	T	71.8/60.9
Eqv.	4550007200	S.TAN F930J476MBABMA		
C270	4030016930	S.CER C1005 JB 1A 104K-T	T	40.5/49.7
C271	4030017350	S.CER C1005 CH 1H 020B-T	B	68.1/137.9
C272	4030017630	S.CER C1005 CH 1H 120J-T	T	47.4/60.1
C274	4030017460	S.CER C1005 JB 1H 102K-T	B	44.4/120.7
C275	4030017580	S.CER C1005 CH 1H 060C-T	B	48.0/124.4
C277	4030016790	S.CER C1005 JB 1E 103K-T	T	48.7/36.8
C279	4030017620	S.CER C1005 CH 1H 100C-T	B	59.6/120.9
C280	4030017460	S.CER C1005 JB 1H 102K-T	B	98.9/66.3
C281	4030017460	S.CER C1005 JB 1H 102K-T	B	100.0/62.0
C282	4030017580	S.CER C1005 CH 1H 060C-T	B	61.4/122.2
C283	4030017620	S.CER C1005 CH 1H 100C-T	B	103.7/65.9
C285	4030017580	S.CER C1005 CH 1H 060C-T	B	66.1/137.9
C286	4030017530	S.CER C1005 CH 1H 0R5B-T	B	64.5/139.2
C287	4030017550	S.CER C1005 CH 1H 1R5B-T	B	61.8/134.7
C292	4030017460	S.CER C1005 JB 1H 102K-T	B	65.0/136.3
C293	4030017580	S.CER C1005 CH 1H 060C-T	B	62.9/137.9
C294	4030017530	S.CER C1005 CH 1H 0R5B-T	B	58.3/138.5
C295	4030017460	S.CER C1005 JB 1H 102K-T	B	65.0/134.7
C296	4030017580	S.CER C1005 CH 1H 060C-T	B	56.1/138.0
C298	4030017460	S.CER C1005 JB 1H 102K-T	B	136.2/83.0
C299	4030017460	S.CER C1005 JB 1H 102K-T	B	54.1/133.8
C300	4030017460	S.CER C1005 JB 1H 102K-T	B	54.1/133.9

[MAIN-E UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C301	4030016790	S.CER C1005 JB 1E 103K-T	B	51.4/133.8
C302	4030017460	S.CER C1005 JB 1H 102K-T	B	52.0/138.5
C303	4030017370	S.CER C1005 CH 1H 3R5B-T	B	131.5/82.3
C304	4030017420	S.CER C1005 CH 1H 470J-T	B	136.2/82.0
C305	4030017420	S.CER C1005 CH 1H 470J-T	B	46.4/133.8
C306	4030017460	S.CER C1005 JB 1H 102K-T	B	47.4/133.8
C307	4030017460	S.CER C1005 JB 1H 102K-T	B	45.4/138.3
C309	4030017420	S.CER C1005 CH 1H 470J-T	B	136.8/84.5
C310	4030017370	S.CER C1005 CH 1H 3R5B-T	B	134.9/86.0
C311	4030016930	S.CER C1005 JB 1A 104K-T	B	45.4/140.4
C312	4030017420	S.CER C1005 CH 1H 470J-T	B	50.4/140.4
C313	4030016930	S.CER C1005 JB 1A 104K-T	B	46.4/140.4
C314	4030017460	S.CER C1005 JB 1H 102K-T	B	49.4/140.4
C315	4030017730	S.CER C1005 JB 1H 471K-T	B	137.8/84.5
C316	4030017570	S.CER C1005 CH 1H 040B-T	B	130.4/80.9
C321	4030017420	S.CER C1005 CH 1H 470J-T	T	66.0/57.5
C322	4030017420	S.CER C1005 CH 1H 470J-T	T	67.6/54.3
C323	4030017620	S.CER C1005 CH 1H 100C-T	B	44.4/137.7
C324	4030017520	S.CER C1005 CH 1H 0R3B-T	B	134.9/88.4
C326	4030017590	S.CER C1005 CH 1H 070C-T	B	39.3/138.2
C327	4030017360	S.CER C1005 CH 1H 030B-T	B	141.9/89.3
C328	4030017420	S.CER C1005 CH 1H 470J-T	B	140.9/85.4
C329	4030017900	S.CER C1005 CH 1H 180J-T	B	38.5/133.6
C330	4030017460	S.CER C1005 JB 1H 102K-T	B	139.9/85.4
C331	4030017460	S.CER C1005 JB 1H 102K-T	B	59.2/140.4
C332	4030018860	S.CER C1005 JB 0J 105K-T	B	55.0/140.4
C333	4030016930	S.CER C1005 JB 1A 104K-T	T	23.1/29.4
C335	4030017550	S.CER C1005 CH 1H 1R5B-T	B	144.4/93.0
C336	4030018860	S.CER C1005 JB 0J 105K-T	B	60.1/140.4
C337	4030017580	S.CER C1005 CH 1H 060C-T	B	139.9/94.1
C338	4030017550	S.CER C1005 CH 1H 1R5B-T	B	39.3/139.2
C339	4030016930	S.CER C1005 JB 1A 104K-T	B	32.5/134.1
C340	4030016930	S.CER C1005 JB 1A 104K-T	T	54.0/20.4
C341	4030017420	S.CER C1005 CH 1H 470J-T	T	143.1/123.3
C342	4030017730	S.CER C1005 JB 1H 471K-T	T	138.8/108.0
C345	4030017460	S.CER C1005 JB 1H 102K-T	B	30.7/135.9
C346	4030017420	S.CER C1005 CH 1H 470J-T	T	63.2/57.2
C347	4030017460	S.CER C1005 JB 1H 102K-T	T	143.1/124.2
C348	4030017420	S.CER C1005 CH 1H 470J-T	T	63.8/55.3
C349	4030017580	S.CER C1005 CH 1H 060C-T	B	143.6/95.2
C350	4030017420	S.CER C1005 CH 1H 470J-T	T	138.7/112.3
C351	4030017460	S.CER C1005 JB 1H 102K-T	T	138.7/113.2
C352	4030017390	S.CER C1005 CH 1H 180J-T	B	31.6/137.9
C353	4030017460	S.CER C1005 JB 1H 102K-T	T	140.4/118.8
C354	4030017420	S.CER C1005 CH 1H 470J-T	T	106.6/115.9
C355	4030017590	S.CER C1005 CH 1H 070C-T	B	37.5/136.9
C357	4030017630	S.CER C1005 CH 1H 120J-T	B	39.3/140.1
C358	4030016790	S.CER C1005 JB 1E 103K-T	T	137.5/128.2
C359	4510009550	S.ELE EEEFK1C100R	T	107.3/86.5
C360	4030017460	S.CER C1005 JB 1H 102K-T	T	106.6/116.8
C362	4030017510	S.CER C1005 CH 1H 680J-T	B	39.8/144.7
C364	4030011020	S.CER GRM31M4C2H1R0CY21L (GRM42-6)	B	89.9/119.9
C365	4030017730	S.CER C1005 JB 1H 471K-T	T	106.6/117.7
C366	4030016970	S.CER C1005 JB 1E 223K-T	T	142.5/126.6
C367	4510009810	S.ELE EEEFK1E220R	T	105.9/96.1
C368	4030006860	S.CER C1608 JB 1H 102K-T	T	89.2/142.0
C369	4030017460	S.CER C1005 JB 1H 102K-T	B	33.4/134.1
C370	4030011020	S.CER GRM31M4C2H1R0CY21L (GRM42-6)	B	100.2/123.2
C371	4030006980	S.CER C1608 CH 1H 070D-T	T	35.5/142.6
C372	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6)	B	100.2/121.1
C373	4030018090	S.CER C1005 JB 1E 822K-T	T	136.8/123.8
C374	4030017420	S.CER C1005 CH 1H 470J-T	B	85.3/129.8
C375	4030017460	S.CER C1005 JB 1H 102K-T	T	113.2/95.3
C376	4030017350	S.CER C1005 CH 1H 020B-T	B	86.1/138.9
C377	4030017420	S.CER C1005 CH 1H 470J-T	B	84.2/119.4
C378	4030017420	S.CER C1005 CH 1H 470J-T	T	112.3/96.3
C381	4030017400	S.CER C1005 CH 1H 220J-T	T	111.4/95.3
C383	4030017460	S.CER C1005 JB 1H 102K-T	T	114.1/78.3
C384	4030018860	S.CER C1005 JB 0J 105K-T	T	139.5/121.5
C385	4030017460	S.CER C1005 JB 1H 102K-T	B	22.8/142.5
C386	4030017460	S.CER C1005 JB 1H 102K-T	T	139.2/119.6
C387	4030017600	S.CER C1005 CH 1H 080C-T	B	89.8/138.0
C388	4510009550	S.ELE EEEFK1C100R	T	126.4/77.0
C389	4320001090	S.MIC UC232H 0820J-T	B	95.3/130.3
C390	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6)	B	87.6/133.3
C391	4030017460	S.CER C1005 JB 1H 102K-T	T	122.3/76.0
C392	4030017520	S.CER C1005 CH 1H 0R3B-T	B	95.4/134.4
C393	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6)	B	98.7/126.9
C394	4550006250	S.TAN TEESVA 1A 106M8R	B	26.3/15.3
Eqv.	4550007520	S.TAN F931A106MAABMA		
C395	4030011020	S.CER GRM31M4C2H1R0CY21L (GRM42-6)	B	100.8/126.9

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)





[MAIN-E UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C610	4030018080	S.CER C1005 JB 1H 182K-T	T	63.3/69.6
C612	4030017460	S.CER C1005 JB 1H 102K-T	B	55.7/29.9
C614	4030017730	S.CER C1005 JB 1H 471K-T	B	29.0/13.2
C615	4030017650	S.CER C1005 CH 1H 270J-T	B	63.2/117.5
C616	4030017460	S.CER C1005 JB 1H 102K-T	T	93.8/64.6
C617	4030017420	S.CER C1005 CH 1H 470J-T	B	134.1/43.7
C618	4030017420	S.CER C1005 CH 1H 470J-T	T	64.9/53.3
C619	4030017420	S.CER C1005 CH 1H 470J-T	T	77.9/109.3
C620	4030017420	S.CER C1005 CH 1H 470J-T	T	74.2/96.8
C621	4030017420	S.CER C1005 CH 1H 470J-T	T	31.5/2.8
C622	4030019560	S.CER GRM21BB31C106KE15L	T	64.5/73.4
C623	4030019990	S.CER C1005 JB 1C 104K-T	B	126.8/16.0
C624	4030019990	S.CER C1005 JB 1C 104K-T	B	126.3/20.3
C625	4030017460	S.CER C1005 JB 1H 102K-T	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23.2
C634	4030017400	S.CER C1005 CH 1H 220J-T	T	106.4/101.0
C635	4030017400	S.CER C1005 CH 1H 220J-T	T	106.4/100.0
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
C638	4030019120	S.CER GRM188B31E105KA75D	T	13.0/133.5
C645	4030016930	S.CER C1005 JB 1A 104K-T	T	57.2/46.7
C652	4030016930	S.CER C1005 JB 1A 104K-T	B	33.9/59.0
C653	4030019560	S.CER GRM21BB31C106KE15L	B	31.9/59.9
C656	4030016930	S.CER C1005 JB 1A 104K-T	B	34.8/62.1
C657	4030019560	S.CER GRM21BB31C106KE15L	T	35.6/64.8
C658	4030016930	S.CER C1005 JB 1A 104K-T	B	36.8/63.4
C659	4030019560	S.CER GRM21BB31C106KE15L	B	30.1/62.3
C660	4030016930	S.CER C1005 JB 1A 104K-T	B	38.9/63.3
C661	4030019560	S.CER GRM21BB31C106KE15L	B	43.2/62.7
C662	4030017490	S.CER C1608 JB 1A 105K-T	T	75.0/15.6
C663	4030017490	S.CER C1608 JB 1A 105K-T	T	69.9/15.6
C664	4030017490	S.CER C1608 JB 1A 105K-T	T	74.4/24.2
C665	4030017490	S.CER C1608 JB 1A 105K-T	T	69.9/24.2
C666	4550006250	S.TAN TEESVA 1A 106M8R	T	76.7/15.3
Eqv.	4550007520	S.TAN F931A106MAABMA		
C667	4550006250	S.TAN TEESVA 1A 106M8R	T	71.6/15.2
Eqv.	4550007520	S.TAN F931A106MAABMA		
C668	4550006250	S.TAN TEESVA 1A 106M8R	T	76.1/25.0
Eqv.	4550007520	S.TAN F931A106MAABMA		
C669	4550006250	S.TAN TEESVA 1A 106M8R	T	71.6/25.0
Eqv.	4550007520	S.TAN F931A106MAABMA		
C670	4030016930	S.CER C1005 JB 1A 104K-T	B	44.2/34.2
C700	4030018900	S.CER C1005 JB 0J 474K-T	T	124.9/44.5
C701	4030018900	S.CER C1005 JB 0J 474K-T	T	124.9/45.4
C702	4030016930	S.CER C1005 JB 1A 104K-T	B	122.8/46.0
C703	4030017460	S.CER C1005 JB 1H 102K-T	T	121.2/42.5
C704	4030017460	S.CER C1005 JB 1H 102K-T	T	119.2/40.6
C705	4030017460	S.CER C1005 JB 1H 102K-T	T	121.6/44.6
C706	4030016930	S.CER C1005 JB 1A 104K-T	B	121.9/47.7
C707	4030016930	S.CER C1005 JB 1A 104K-T	B	121.0/47.7
C709	4030019460	S.CER C1608 JB 0J 106M-T	B	119.9/48.2
C710	4030016930	S.CER C1005 JB 1A 104K-T	B	118.4/47.1
C711	4030017460	S.CER C1005 JB 1H 102K-T	B	118.4/46.2
C712	4030016930	S.CER C1005 JB 1A 104K-T	T	115.9/44.4
C713	4030019630	S.CER GRM31C2C1H104JA01L	B	83.9/45.9
C714	4030019630	S.CER GRM31C2C1H104JA01L	B	83.9/41.6
C715	4030019630	S.CER GRM31C2C1H104JA01L	B	83.9/43.8
C716	4030019630	S.CER GRM31C2C1H104JA01L	T	83.9/46.0
C717	4030019630	S.CER GRM31C2C1H104JA01L	T	83.9/43.8
C719	4030016930	S.CER C1005 JB 1A 104K-T	B	117.4/39.5
C720	4030016930	S.CER C1005 JB 1A 104K-T	B	116.3/62.0
C721	4030017420	S.CER C1005 CH 1H 470J-T	B	113.4/57.3
C722	4030016930	S.CER C1005 JB 1A 104K-T	B	114.2/63.7
C723	4030017460	S.CER C1005 JB 1H 102K-T	B	117.3/57.9
C725	4030018900	S.CER C1005 JB 0J 474K-T	T	35.3/78.8
C726	4030018900	S.CER C1005 JB 0J 474K-T	T	32.8/78.4
C727	4030016930	S.CER C1005 JB 1A 104K-T	B	35.4/80.1
C728	4030017460	S.CER C1005 JB 1H 102K-T	T	34.2/81.4
C729	4030017460	S.CER C1005 JB 1H 102K-T	T	33.0/79.7
C730	4030017460	S.CER C1005 JB 1H 102K-T	T	33.3/81.4
C731	4030019990	S.CER C1005 JB 1C 104K-T	B	37.0/80.5
C732	4030019990	S.CER C1005 JB 1C 104K-T	B	36.6/81.4
C734	4030019460	S.CER C1608 JB 0J 106M-T	B	37.4/82.5
C735	4030016930	S.CER C1005 JB 1A 104K-T	B	36.6/84.2
C736	4030017460	S.CER C1005 JB 1H 102K-T	B	35.7/84.2
C737	4030016930	S.CER C1005 JB 1A 104K-T	T	31.7/84.5
C738	4030016930	S.CER C1005 JB 1A 104K-T	T	32.2/85.4
C739	4030019630	S.CER GRM31C2C1H104JA01L	B	28.5/104.1
C740	4030019630	S.CER GRM31C2C1H104JA01L	T	28.5/102.5
C741	4030019630	S.CER GRM31C2C1H104JA01L	T	28.5/100.4
C742	4030019630	S.CER GRM31C2C1H104JA01L	B	28.5/99.9
C743	4030019630	S.CER GRM31C2C1H104JA01L	B	28.5/102.0
C746	4030017420	S.CER C1005 CH 1H 470J-T	B	29.2/88.2
C747	4030016930	S.CER C1005 JB 1A 104K-T	B	20.6/88.3
C748	4030020000	S.CER C1005 JB 1A 105K-T	B	26.5/122.3
C749	4030017460	S.CER C1005 JB 1H 102K-T	B	28.0/118.2
C752	4030017400	S.CER C1005 CH 1H 220J-T	B	16.9/37.5
C753	4030017400	S.CER C1005 CH 1H 220J-T	B	43.1/60.4

[MAIN-E UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C755	4030017640	S.CER C1005 CH 1H 150J-T	B	46.5/35.6
C760	4030009910	S.CER C1608 CH 1H 040B-T	T	27.4/138.0
C761	4030009910	S.CER C1608 CH 1H 040B-T	T	31.0/140.0
C762	4030017810	S.CER C1608 CH 1H 102J-T	T	25.3/142.2
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	15.1/15.6
J4	6510023512	S.CON 28FLT-SM2-TB(LF)(SN)(M)	T	70.9/102.1
J5	6510023110	CON 3008L-8P8C		
J6	6450002470	CON JY-3510A1-130		
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	58.9/15.7
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.7/14.3
J10	6510004910	CON NR-DS-E 01		
J11	6510004910	CON NR-DS-E 01		
J12	6510025970	S.CON 41-002AA-R	T	58.7/44.6
DS1	5040002961	S.LED SML-A12MT T86J	B	96.0/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126.0/1.1
DS3	5040003001	S.LED SML-A12UT T86J	B	111.0/1.1
MF1	2710000870	FAN AFB0512HB-7X22 HK		
W1	7030014230	JUM RJ20SOOHHM		
W2	7030014230	JUM RJ20SOOHHM		
W4	8920000830	C_C CAB-1116		
EP1	6910024570	S.BEA MMZ1005A601ET	B	134.1/46.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	T	120.4/39.9
EP3	6910015370	S.BEA ACZ1005Y-102-T	T	35.5/80.1
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	28.7/62.0
EP5	6910016330	S.BEA MMZ1005S 601CT-S	B	41.3/73.9
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	39.5/109.0
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	96.2/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.9/39.4
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		
EP16	6910023420	S.BEA MMZ1005A222ET	B	44.8/60.4
EP18	6910021240	S.BEA MMZ1005A152T	B	36.2/77.2
EP19	6910018460	S.BEA MMZ1005Y102C-T	T	66.1/106.8
EP20	6910018460	S.BEA MMZ1005Y102C-T	T	62.8/98.7
EP21	6910018460	S.BEA MMZ1005Y102C-T	T	62.8/99.6
EP22	6910018460	S.BEA MMZ1005Y102C-T	T	73.6/104.7
EP23	6910018460	S.BEA MMZ1005Y102C-T	T	72.4/105.0
EP24	6910018460	S.BEA MMZ1005Y102C-T	T	71.5/105.0
EP25	6910018460	S.BEA MMZ1005Y102C-T	T	70.4/105.0
EP26	6910018460	S.BEA MMZ1005Y102C-T	T	72.9/99.0
EP27	6910018460	S.BEA MMZ1005Y102C-T	T	68.2/99.1
EP28	6910018460	S.BEA MMZ1005Y102C-T	T	67.3/99.1
EP29	6910018460	S.BEA MMZ1005Y102C-T	T	65.8/99.1
EP30	6910018460	S.BEA MMZ1005Y102C-T	T	74.7/99.0
EP31	6910018460	S.BEA MMZ1005Y102C-T	T	70.5/99.5
EP32	6910018460	S.BEA MMZ1005Y102C-T	T	64.1/105.0
EP33	6910018460	S.BEA MMZ1005Y102C-T	T	65.1/105.0
EP34	6910018460	S.BEA MMZ1005Y102C-T	T	66.1/105.0
EP35	6910021770	S.BEA MMZ1005F560CT	B	17.8/37.5
EP37	6910021770	S.BEA MMZ1005F560CT	B	44.0/47.8
EP38	6910021770	S.BEA MMZ1005F560CT	B	46.4/36.5

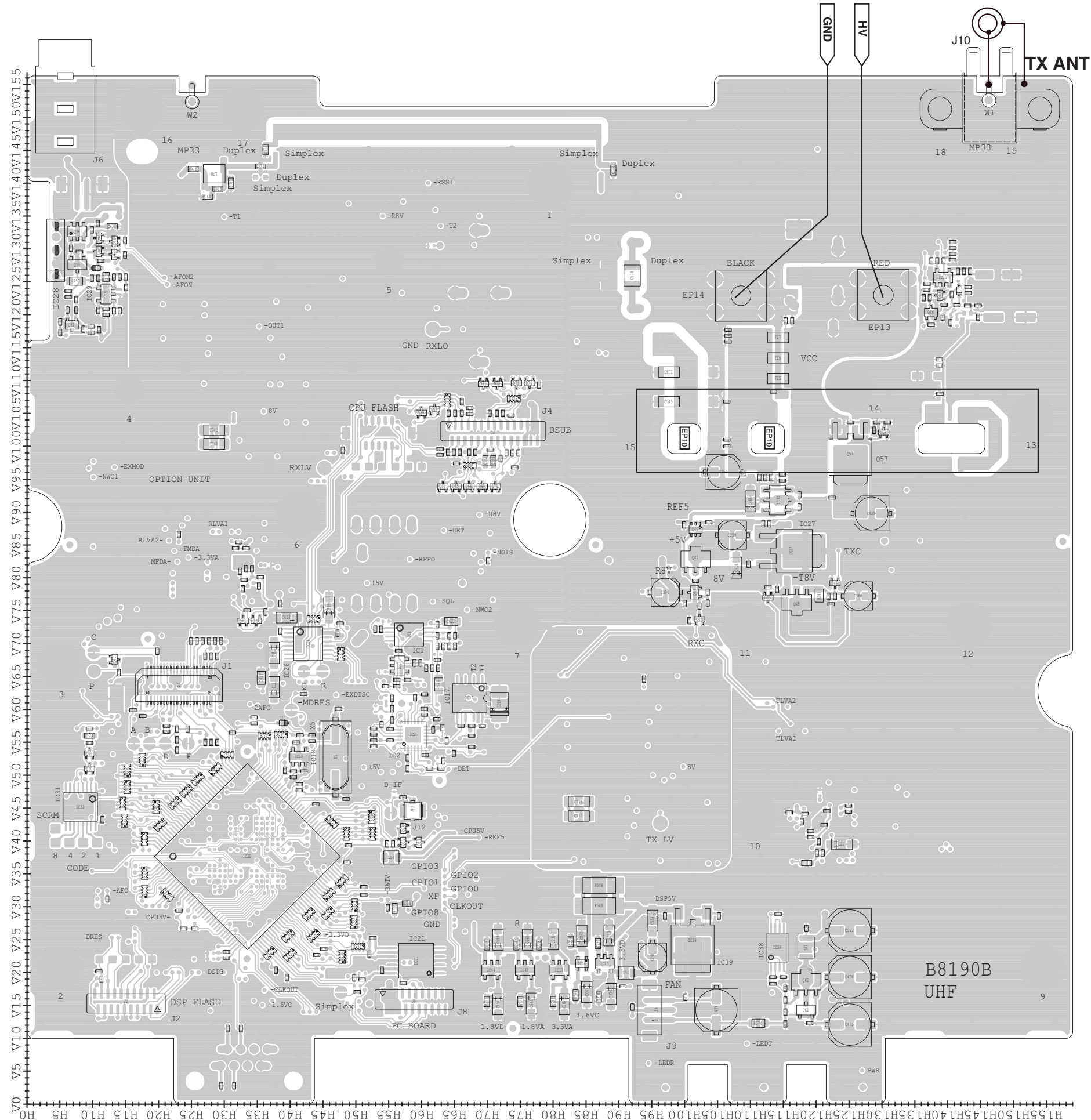
Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

# BOARD LAYOUT

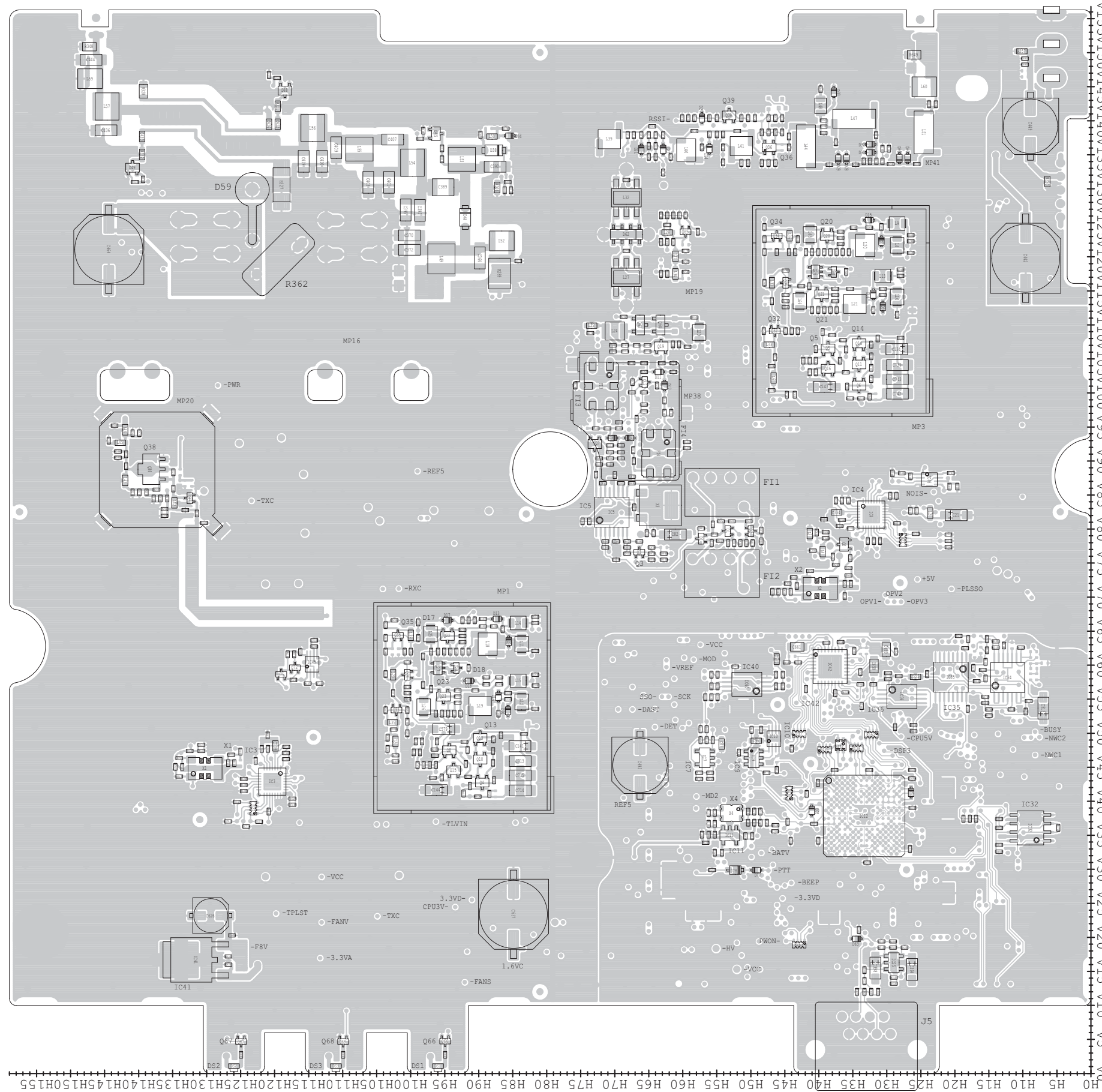
The actual configuration of the PC board can be seen by viewing the top and bottom BOARD LAYOUT pages together.

## • MAIN-C/-D/-E UNIT B-8190B (TOP VIEW)



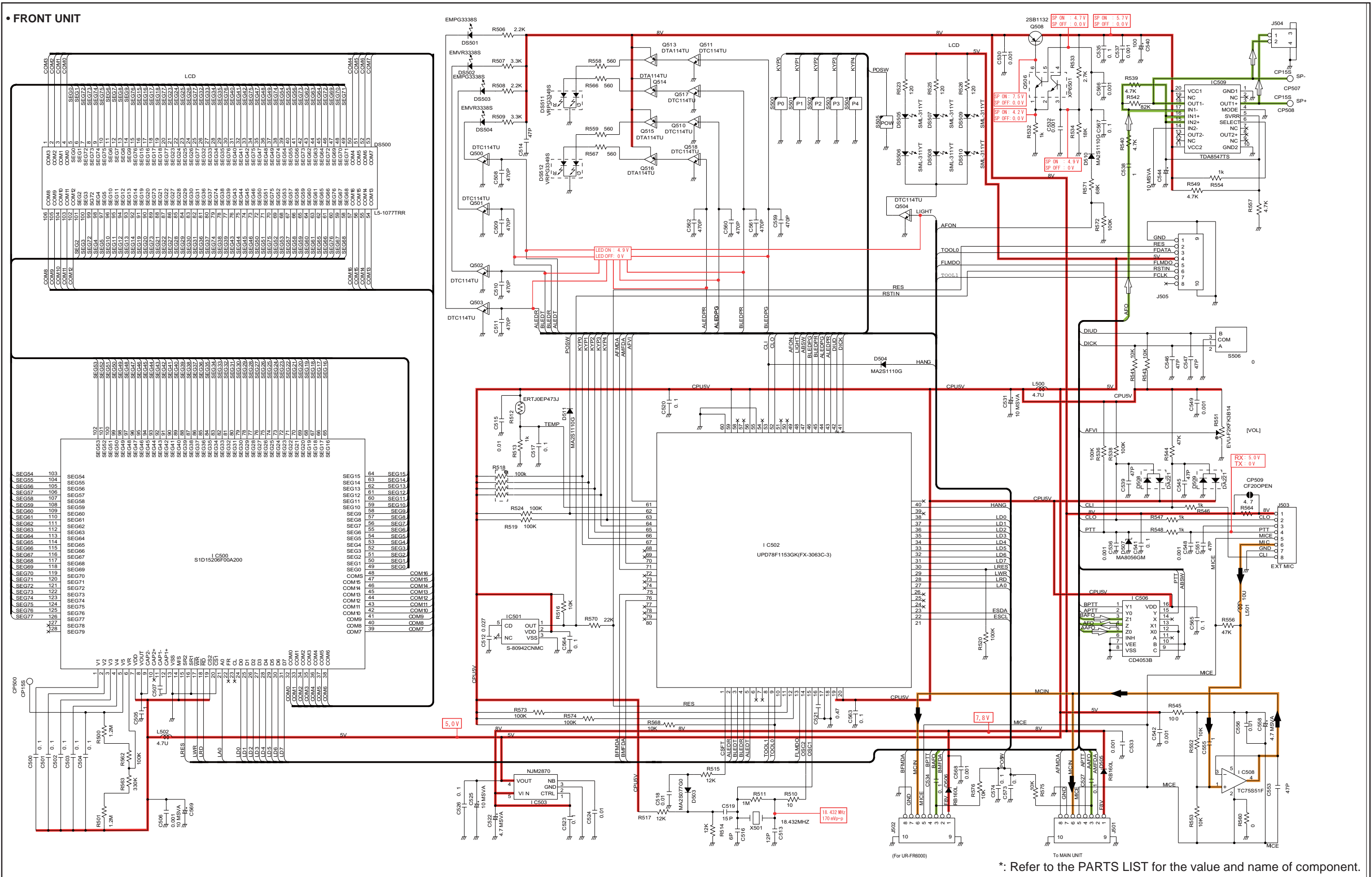
The actual configuration of the PC board can be seen by viewing the top and bottom BOARD LAYOUT pages together.

• MAIN-C/-D/-E UNIT  
B-8190B (BOTTOM VIEW)



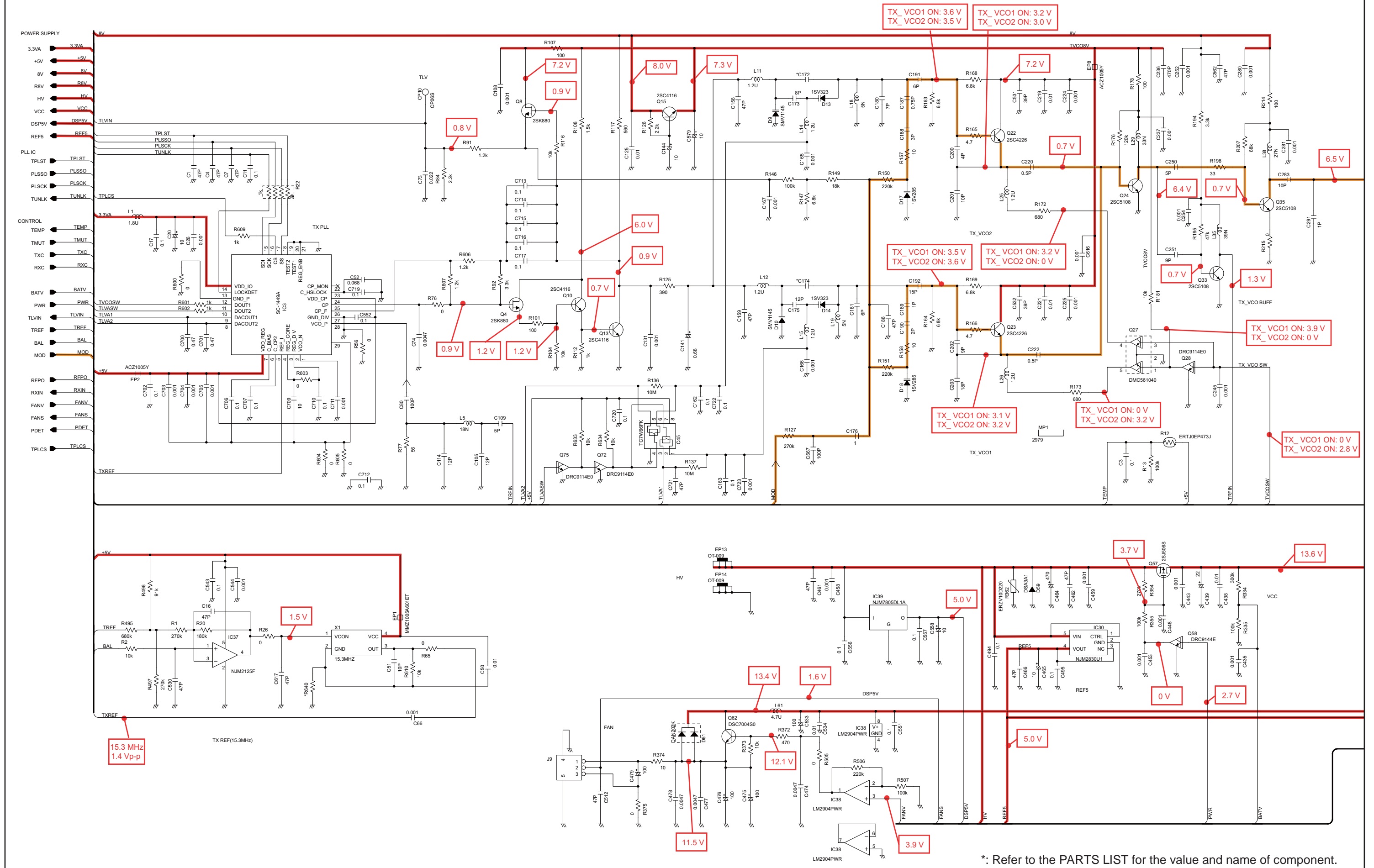
# VOLTAGE DIAGRAM

## • FRONT UNIT



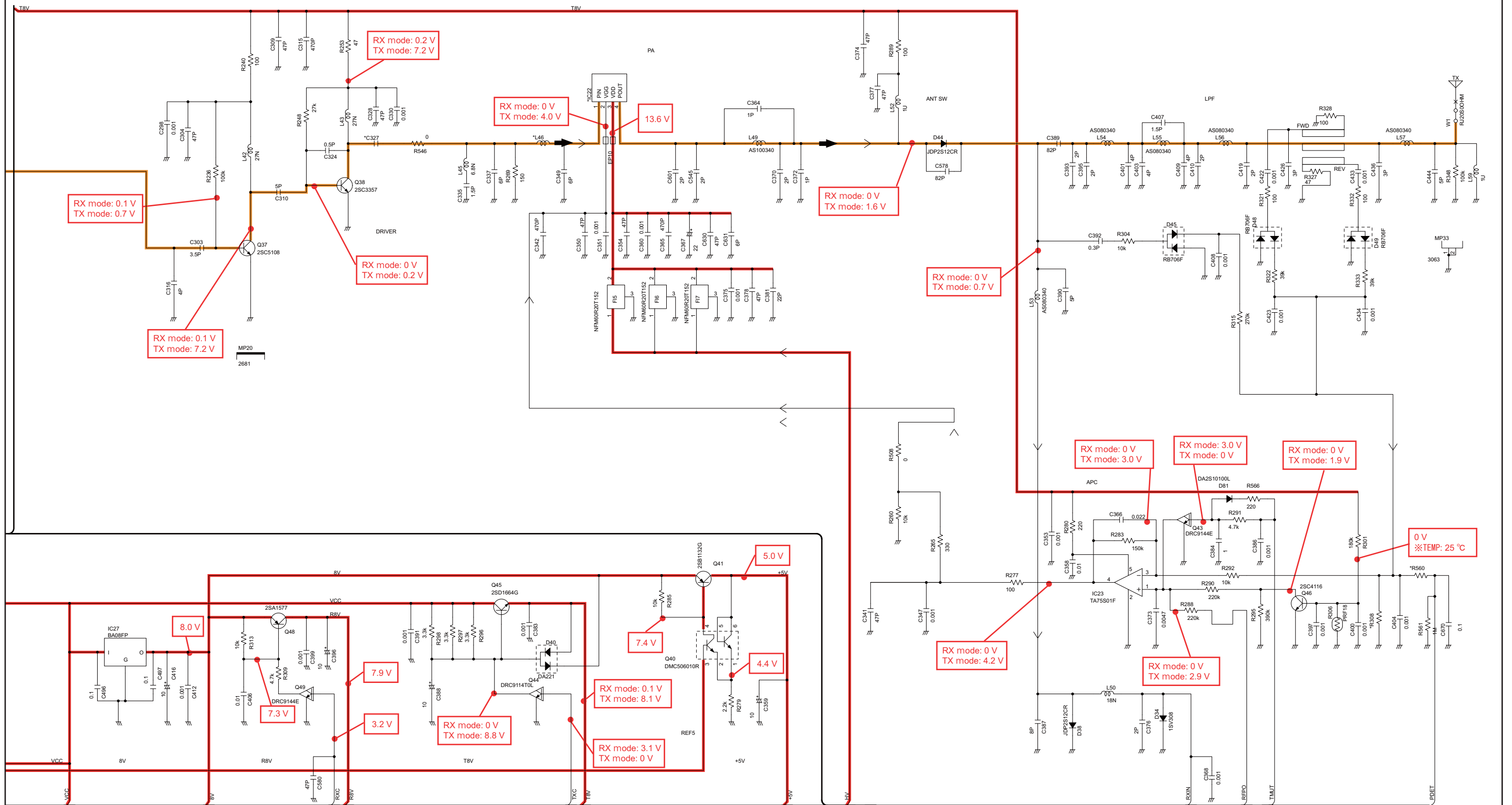
\*: Refer to the PARTS LIST for the value and name of component.

• MAIN-C/D/E UNIT (1/6)



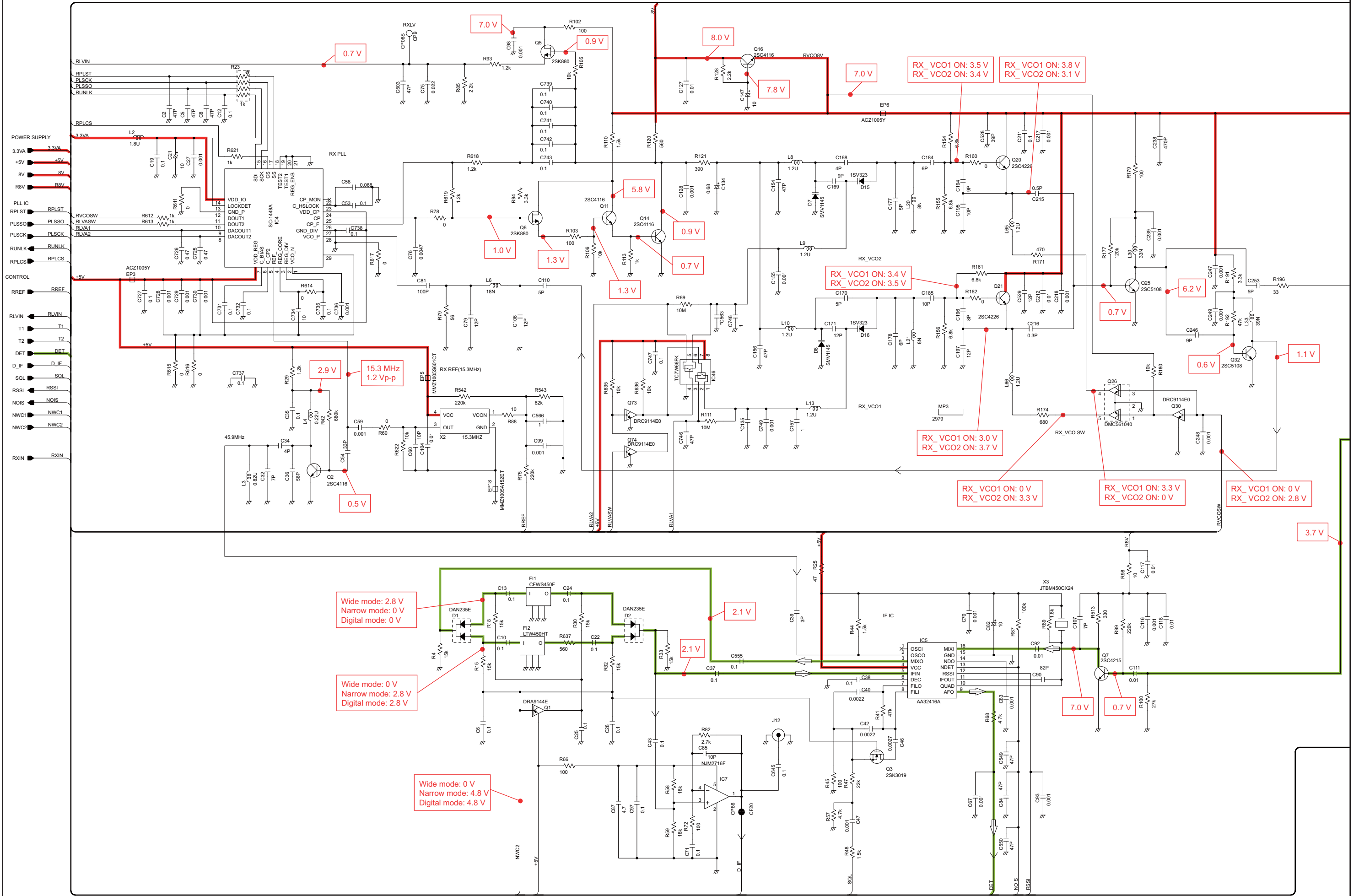
\*: Refer to the PARTS LIST for the value and name of component.

• MAIN-C/-D/-E UNIT (2/6)



\*: Refer to the PARTS LIST for the value and name of component.

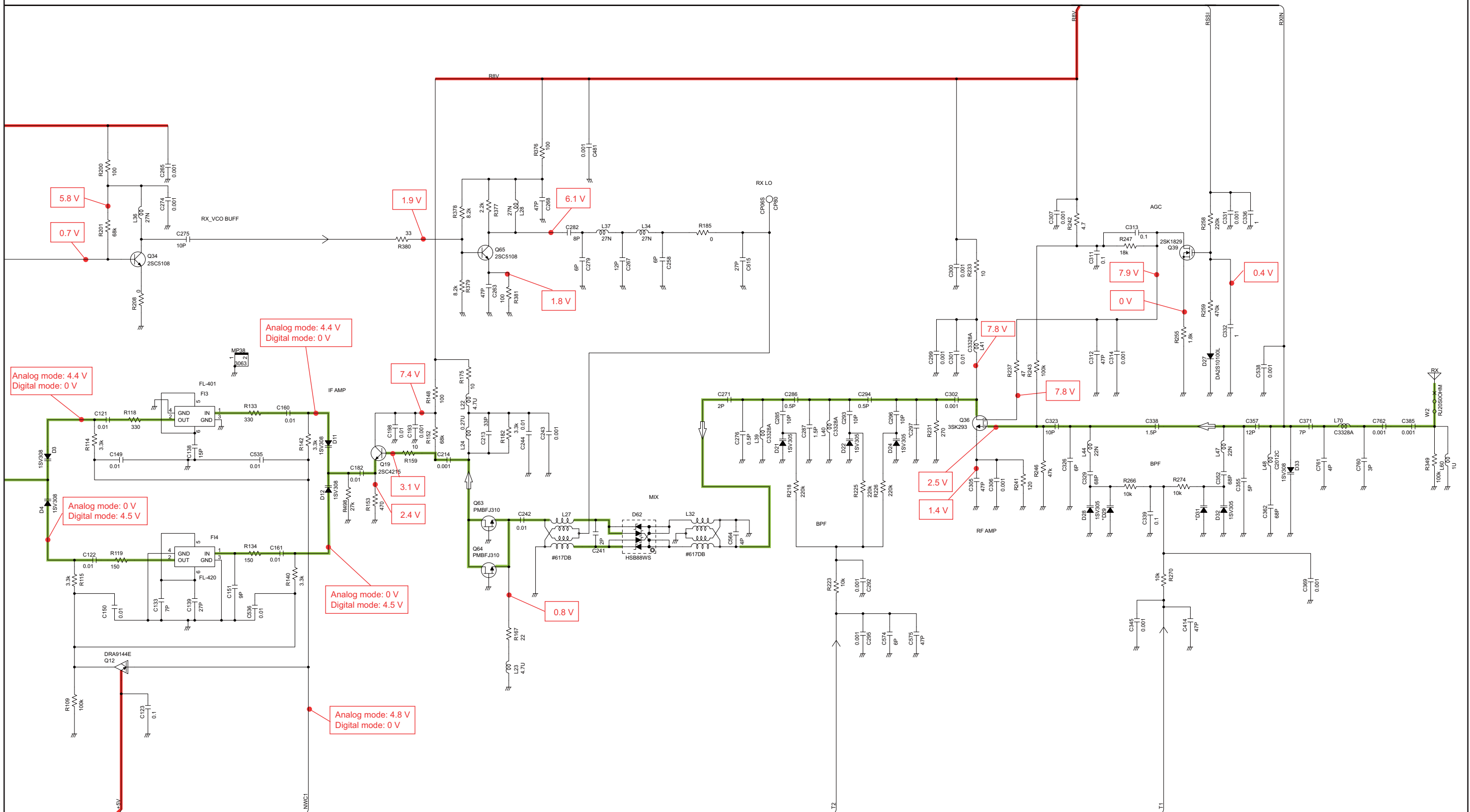
• MAIN-C/-D/-E UNIT (3/6)



\*: Refer to the PARTS LIST for the value and name of component.



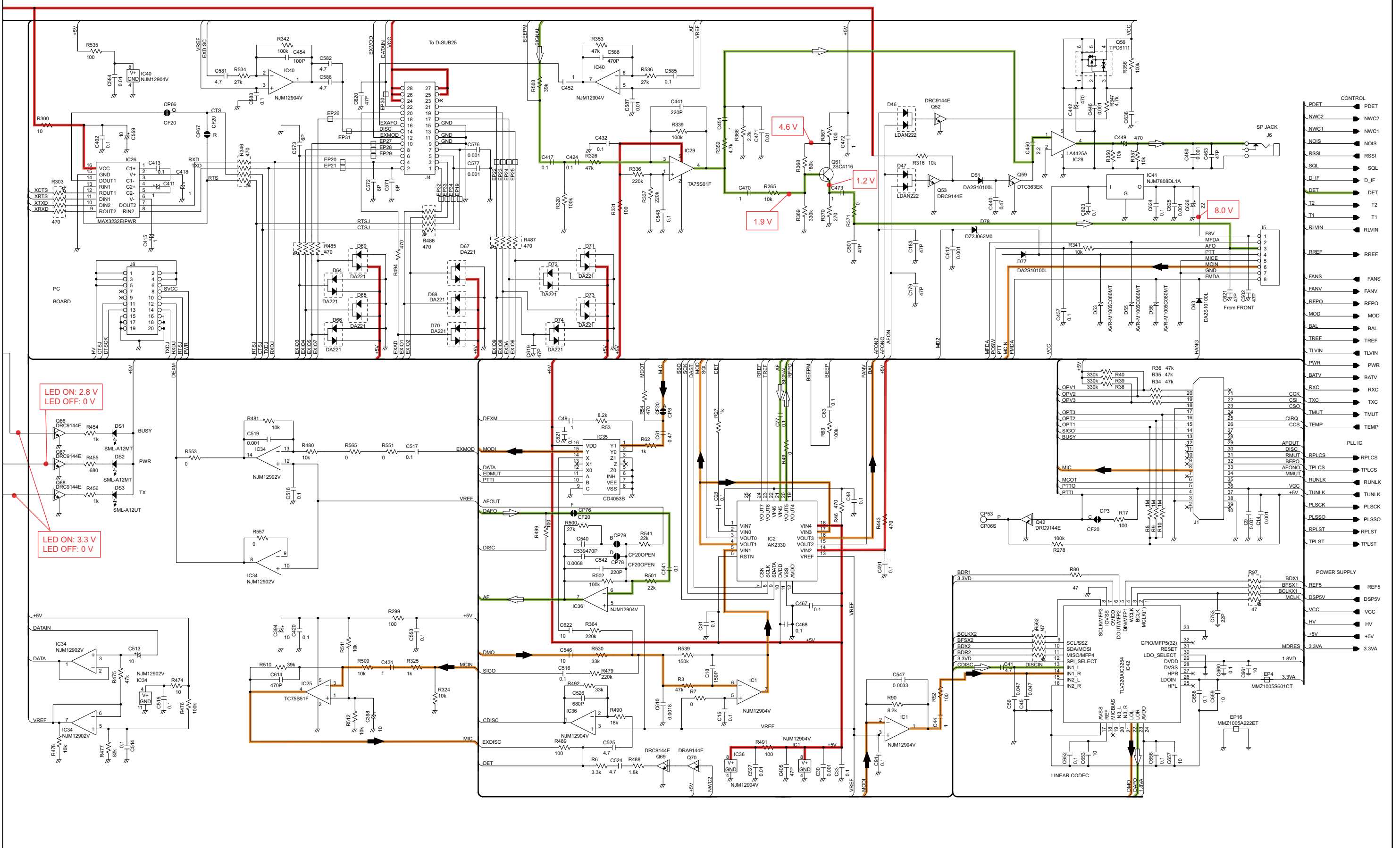
• MAIN-C/D/E UNIT (4/6)



\*: Refer to the PARTS LIST for the value and name of component.



• MAIN-C/D/E UNIT (6/6)



\*: Refer to the PARTS LIST for the value and name of component.

Jul. 2012



# SERVICE MANUAL ADDENDUM

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**IC-FR6000 IC-FR6100 IC-FR6000-L IC-FR6100H**

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## **CONTENTS**

REPLACEMENT PAGES .....	6-3, 6-4, 6-7 to 6-9, 8-1 to 8-3
PARTS LIST .....	1
VOLTAGE DIAGRAM .....	26

**ADJUSTMENT CHANNEL LISTS**

Clone the adjust channels into the repeater before starting adjustment. Each channel must be assigned [Frequency], [RF PWR], [CH Type], [TX C. Tone] and [W/N] as shown below.

• Channel list for [Low band] version

Memory CH																								
CH	Atr	Inh	Operation Mode	Frequency (MHz)			Text	TOT				Scan List				Auto Scan	CH Type	Auto Reset	DWD ID		FM			
				RX	TX	TX Inh		Local Mic	Repeat/EPTT	RF PWR	Lock-out	Scan List	Inc	Assign	Sel Inh				ON/OFF	Offset	Multi Table No.	TX C.Tone	W/N	Corr
1-1	AB		Simplex	4001.00000	<		LV L ADJ				L1					Analog	Tim-B					W		
1-2			Simplex	435.100000	<		LV H ADJ				L1					Analog	Tim-B					W		
1-3			Simplex	434.950000	<		LV L URFV				L1					Analog	Tim-B					W		
1-4			Simplex	469.900000	<		LV H URFV				L1					Analog	Tim-B					W		
1-5			Simplex	469.900000	<		TX Freq				L1					Analog	Tim-B					W		
1-6			Simplex	4001.00000	<		TX PWR Hi				H					Analog	Tim-B					W		
1-7			Simplex	4001.00000	<		TX PWR L2				L2					Analog	Tim-B					W		
1-8			Simplex	4001.00000	<		TX PWR L1				L1					Analog	Tim-B					W		
1-9			Simplex	4001.00000	<		BAL				L1					Analog	Tim-B					W		
1-10			Simplex	434.900000	<		BAL Slant				H					Analog	Tim-B					N		
1-11			Simplex	435.100000	<		BAL Offset				L1					Analog	Tim-B					W		
1-12			Simplex	469.900000	<		BAL Slant(H)				H					Analog	Tim-B					N		
1-13			Simplex	4001.00000	<		DG Dev.				L1					Digital	Tim-B					-		
1-14			Simplex	411.500000	<		DG Dev. 0				L1					Digital	Tim-B					-		
1-15			Simplex	423.200000	<		DG Dev. 1				L1					Digital	Tim-B					-		
1-16			Simplex	434.900000	<		DG Dev. 2				L1					Digital	Tim-B					-		
1-17			Simplex	435.100000	<		DG Dev. Offs				L1					Digital	Tim-B					-		
1-18			Simplex	446.600000	<		DG Dev. 3				L1					Digital	Tim-B					-		
1-19			Simplex	458.300000	<		DG Dev. 4				L1					Digital	Tim-B					-		
1-20			Simplex	469.900000	<		DG Dev. 5				L1					Digital	Tim-B					-		
1-21			Simplex	4001.00000	<		AN Dev. W				L1					Analog	Tim-B					W		
1-22			Simplex	4001.00000	<		AN Dev. M				L1					Analog	Tim-B					W		
1-23			Simplex	4001.00000	<		AN Dev. N				L1					Analog	Tim-B					N		
1-24			Simplex	4001.00000	<		CT/DT Dev.				L1					Analog	Tim-B					151.4 W		
1-25			Simplex	435.000000		i	BPF C ALL				L1					Analog	Tim-B					W		
1-26			Simplex	4001.00000		i	BPF L ALL				L1					Analog	Tim-B					W		
1-27			Simplex	469.900000		i	BPF H ALL				L1					Analog	Tim-B					W		
1-28			Simplex	4001.00000		i	RSSI				L1					Analog	Tim-B					W		
1-29			Simplex	4001.00000		i	SQL				L1					Analog	Tim-B					W		


• Channel list for [High band] version

Memory CH																								
CH	Atr	Inh	Operation Mode	Frequency (MHz)			Text	TOT				Scan List				Auto Scan	CH Type	Auto Reset	DWD ID		FM			
				RX	TX	TX Inh		Local Mic	Repeat/EPTT	RF PWR	Lock-out	Scan List	Inc	Assign	Sel Inh				ON/OFF	Offset	Multi Table No.	TX C.Tone	W/N	Compende
1-1	AB		Simplex	4501.00000	<		LV L ADJ				L1					Analog	Tim-B					W		
1-2			Simplex	485.100000	<		LV H ADJ				L1					Analog	Tim-B					W		
1-3			Simplex	484.950000	<		LV L URFV				L1					Analog	Tim-B					W		
1-4			Simplex	519.900000	<		LV H URFV				L1					Analog	Tim-B					W		
1-5			Simplex	519.900000	<		TX Freq				L1					Analog	Tim-B					W		
1-6			Simplex	4501.00000	<		TX PWR Hi				H					Analog	Tim-B					W		
1-7			Simplex	4501.00000	<		TX PWR L2				L2					Analog	Tim-B					W		
1-8			Simplex	4501.00000	<		TX PWR L1				L1					Analog	Tim-B					W		
1-9			Simplex	4501.00000	<		BAL				L1					Analog	Tim-B					W		
1-10			Simplex	484.900000	<		BAL Slant				H					Analog	Tim-B					N		
1-11			Simplex	485.100000	<		BAL Offset				L1					Analog	Tim-B					W		
1-12			Simplex	519.900000	<		BAL Slant(H)				H					Analog	Tim-B					N		
1-13			Simplex	4501.00000	<		DG Dev.				L1					Digital	Tim-B					-		
1-14			Simplex	461.500000	<		DG Dev. 0				L1					Digital	Tim-B					-		
1-15			Simplex	473.200000	<		DG Dev. 1				L1					Digital	Tim-B					-		
1-16			Simplex	484.900000	<		DG Dev. 2				L1					Digital	Tim-B					-		
1-17			Simplex	485.100000	<		DG Dev. Offs				L1					Digital	Tim-B					-		
1-18			Simplex	496.600000	<		DG Dev. 3				L1					Digital	Tim-B					-		
1-19			Simplex	508.300000	<		DG Dev. 4				L1					Digital	Tim-B					-		
1-20			Simplex	519.900000	<		DG Dev. 5				L1					Digital	Tim-B					-		
1-21			Simplex	4501.00000	<		AN Dev. W				L1					Analog	Tim-B					W		
1-22			Simplex	4501.00000	<		AN Dev. N				L1					Analog	Tim-B					N		
1-23			Simplex	4501.00000	<		CT/DT Dev.				L1					Analog	Tim-B					151.4 W		
1-24			Simplex	4501.00000		i	BPF C ALL				L1					Analog	Tim-B					W		
1-25			Simplex	519.900000		i	BPF H ALL				L1					Analog	Tim-B					W		
1-26			Simplex	4501.00000		i	RSSI				L1					Analog	Tim-B					W		
1-27			Simplex	4501.00000		i	SQL				L1					Analog	Tim-B					W		

**ADJUSTMENT CHANNEL LISTS (continued)**  
**• Channel list for [350 MHz] ([EXP-03] and [CHN-01])**

Memory CH																							
CH	Atr	Inh	Operation Mode	Frequency (MHz)			Text	TOT			Scan List				CH Type	Auto Reset	CW ID		FM				
				RX	TX	TX Inh		Local Mic	Repeat/EPTT	RF PWR	Lock-out	Scan List	Inc	Assign			Sel Inh	Auto Scan	ON/OFF	Offset	Multi Table No.	TX D.Tone	W/N
1-1	AB		Simplex	350.000000	<		LU L ADJ				LI				Analog	Tim-B					W		
1-2			Simplex	375.000000	<		LU H ADJ				LI				Analog	Tim-B					W		
1-3			Simplex	374.950000	<		LU L URFY				LI				Analog	Tim-B					W		
1-4			Simplex	399.900000	<		LU H URFY				LI				Analog	Tim-B					W		
1-5			Simplex	399.900000	<		TX Fre9				LI				Analog	Tim-B					W		
1-6			Simplex	350.100000	<		TX PWR Hi				H				Analog	Tim-B					W		
1-7			Simplex	350.100000	<		TX PWR L2				L2				Analog	Tim-B					W		
1-8			Simplex	350.100000	<		TX PWR L1				LI				Analog	Tim-B					W		
1-9			Simplex	350.100000	<		BAL				LI				Analog	Tim-B					W		
1-10			Simplex	374.900000	<		BAL Slant				H				Analog	Tim-B					N		
1-11			Simplex	375.100000	<		BAL Offset				LI				Analog	Tim-B					W		
1-12			Simplex	399.900000	<		BAL Slant(H)				H				Analog	Tim-B					N		
1-13			Simplex	350.100000	<		DG Dev.				LI				Digital	Tim-B					-		
1-14			Simplex	358.100000	<		DG Dev. 0				LI				Digital	Tim-B					-		
1-15			Simplex	366.500000	<		DG Dev. 1				LI				Digital	Tim-B					-		
1-16			Simplex	374.900000	<		DG Dev. 2				LI				Digital	Tim-B					-		
1-17			Simplex	375.100000	<		DG Dev. Offs				LI				Digital	Tim-B					-		
1-18			Simplex	383.200000	<		DG Dev. 3				LI				Digital	Tim-B					-		
1-19			Simplex	391.600000	<		DG Dev. 4				LI				Digital	Tim-B					-		
1-20			Simplex	399.900000	<		DG Dev. 5				LI				Digital	Tim-B					-		
1-21			Simplex	350.100000	<		AN Dev. W				LI				Analog	Tim-B					W		
1-22			Simplex	350.100000	<		AN Dev. N				LI				Analog	Tim-B					N		
1-23			Simplex	350.100000	<		CT/DT Dev.				LI				Analog	Tim-B					151.4	W	
1-24			Simplex	375.000000		i	BPF C ALL				LI				Analog	Tim-B						W	
1-25			Simplex	350.100000		i	BPF L ALL				LI				Analog	Tim-B						W	
1-26			Simplex	399.900000		i	BPF H ALL				LI				Analog	Tim-B						W	
1-27			Simplex	350.100000		i	RSSI				LI				Analog	Tim-B						W	
1-28			Simplex	350.100000		i	SQL				LI				Analog	Tim-B						W	
1-29																							

**CONVENIENT: The same cloning file is available.**

Right-click  below, and select "Save Embedded File to Disk."

For [Low band] version:



For [High band] version:

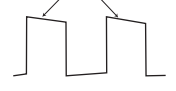



For [350 MHz band] version:



### 6-3 TRANSMIT ADJUSTMENT

- 1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.
- 2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT		ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
TX Output Power -Preparation-		1	• Connect an RF power meter to the TX antenna connector.	-	-
-Adjust- (Hi Power)		2	1) While transmitting, set the power supply voltage as; [EUR-01], [DPM-01], [DPM-02] : 13.2 V Other than above versions : 13.6 V 2) Adjust the TX output power using [←] / [→] keys of the PC's keyboard. 3) Push the [ENTER] key to store the adjust value.	[Power(Hi)]	50 W [50 W ver.] 25 W [25 W ver.] 5.0 W*
(L2 Power)		3		[Power(L2)]	25 W [50 W ver.] 10 W [25 W ver.] 5.0 W*
(L1 Power)		4		[Power(L1)]	5 W [50 W ver.] 2.5 W [25 W ver.] 5.0 W*
MODULATION BALANCE -Preparation-		1	1) Connect a modulation analyzer to the TX antenna connector through an attenuator. 2) Set the modulation analyzer as; HPF : OFF LPF : 20 kHz De-emphasis : OFF Detector : (P-P)/2	-	-
		2	• Set the item [TX Mode] to "2."	[TX Mode]	"2"
-Adjust- (VCO 1)		3	1) Adjust the wave form using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[BAL]	As flat as possible.
		4		[BAL Slant]	
(VCO 2)		5		[BAL Offset (High)]	
		6		[BAL Slant (High)]	No over or under shoot.
DIGITAL DEVIATION -Preparation-		1	• Set the item [TX Mode] to "16."	[TX Mode]	"16"
		2	1) Connect a modulation analyzer to the TX antenna connector, through an attenuator, and then set it as; HPF : OFF LPF : 20 kHz De-emphasis : OFF Detector : (P-P)/2	-	-
-Adjust- (Band 1)		3	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[MOD (Digital)]	±1.35 to ±1.39 kHz
(Band 2)		4		[MOD Slant Band 0]	
(Band 3)		5		[MOD Slant Band 1]	
(Band 4)		6		[MOD Slant Band 2]	
(Band 5)		7		[MOD Offset (High)]	
(Band 6)		8		[MOD Slant Band 3]	
(Band 7)		9		[MOD Slant Band 4]	
(Band 8)		10		[MOD Slant Band 5]	

\*; For IC-FR6100H.

**6-3 TRANSMIT ADJUSTMENT (continued)**

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE	
<b>ANALOG DEVIATION -Preparation-</b>	1	–	• Set the item [TX Mode] to "1."	[TX Mode] "1"	
	2	–	1) Connect a modulation analyzer to the TX antenna connector, through an attenuator, and then set it as; HPF : OFF LPF : 20 kHz De-emphasis : OFF Detector : (P-P)/2 2) Connect an audio generator to the MIC line, through the JIG cable, and then set it as; Modulation : 1015 Hz Level : 40 mV rms Waveform : Sine wave	–	–
<b>-Adjust- (Wide)</b>	3	• CH. : 1-21 • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[MOD (Wide)]	±4.05 to ±4.15 kHz
<b>(Middle)*</b>	4	• CH. : 1-22 • [Wide Band Width] : "Middle" (see the page 6-5) • Transmitting		[MOD (Middle)]	±3.15 to ±3.25 kHz
<b>(Narrow)</b>	5	• CH. : 1-23 [L] 1-22 [H], [350 MHz] • Transmitting		[MOD (Narrow)]	±2.05 to ±2.15 kHz
<b>CTCSS/DTCS DEVIATION -Preparation-</b>	1	–	• Set the item [TX Mode] to "3."	[TX Mode] "3"	
<b>-Adjust-</b>	2	• CH. : 1-24 [L] 1-23 [H], [350 MHz] • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[CTCSS]	±0.68 to ±0.72 kHz

\*: For only [25 W ver.]. [L]= Low band [H]=High band [350 MHz]=350 MHz band ([EXP-03] and [CHN-01])

**6-4 RECEIVE ADJUSTMENT**

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE	
<b>RECEIVE SENSITIVITY -Preparation-</b>	1	–	• Set the item [RX Mode] to "1."	[RX Mode] "1"	
	2	–	• Connect an SSG to the RX antenna connector, and then set it as; Level† : +20 dBμ (–87 dBm) Modulation : 1 kHz Deviation : 3.5 kHz	–	–
<b>-Adjustment- (Band center)</b>	3	• CH. : 1-25 [L] 1-24 [H], [350 MHz] • Receiving	1) Set the SSG as; Frequency : 435.000 MHz [Low] 450.100 MHz [High] 375.000 MHz [350 MHz] 2) Select the item [BPF C ALL], and then push the [ENTER] key.	[BPF C ALL]	(Automatic adjustment)
<b>-Adjustment- (Band low) For only [Low band] and [350 MHz]</b>	4	• CH. : 1-26 [L] 1-25 [350 MHz] • Receiving	1) Set the SSG as; Frequency : 400.100 MHz [Low] 350.100 MHz [350 MHz] 2) Select the item [BPF L ALL], and then push the [ENTER] key.	[BPF L ALL]	
<b>-Adjustment- (Band high)</b>	5	• CH. : 1-27 [L] 1-25 [H] 1-26 [350 MHz] • Receiving	1) Set the SSG as; Frequency : 469.900 MHz [Low] 519.900 MHz [High] 399.900 MHz [350 MHz] 2) Select the item [BPF H ALL], and then push the [ENTER] key.	[BPF H ALL]	

[L]= Low band [H]=High band [350 MHz]=350 MHz band ([EXP-03] and [CHN-01])

†: The output level of the standard signal generator (SSG) is indicated as the SSG's open circuit.



**6-4 RECEIVE ADJUSTMENT (continued)**

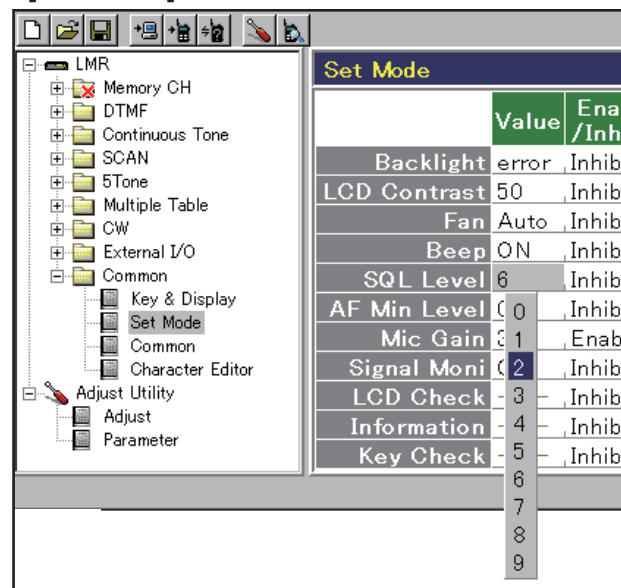
- 1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.
- 2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE	
<b>S-METER</b> <b>-Preparation-</b>	<b>NOTE:</b> "RECEIVE SENSITIVITY" MUST be adjusted before "S-METER." When "RECEIVE SENSITIVITY" is re-adjusted, "S-METER" MUST be also re-adjusted.				
	1	–	<ul style="list-style-type: none"> <li>• Connect an SSG to the RX antenna connector, and then set it as;                      Frequency : 400.100 MHz [Low band]                      450.100 MHz [High band]                      350.100 MHz [350 MHz]                      Modulation : 1 kHz                      Deviation : 3.5 kHz</li> </ul>	–	–
<b>-Adjust-</b> <b>(S3 level)</b>	2	<ul style="list-style-type: none"> <li>• CH. :                      1-28 [L]                      1-26 [H]                      1-27 [350 MHz]</li> <li>• Receiving</li> </ul>	1) Set the SSG as; Level† : +23 dBμ (–84 dBm) 2) Select the item <b>[RSSI S3 Level]</b> , and then push the [ENTER] key to store the adjustment value.	<b>[RSSI S3 Level]</b>	(Automatic adjustment)
<b>(S1 level)</b>	3	<ul style="list-style-type: none"> <li>• CH. :                      1-28 [L]                      1-26 [H]                      1-27 [350 MHz]</li> <li>• Receiving</li> </ul>	1) Set the SSG as; Level† : –7 dBμ (–114 dBm) 2) Select the item <b>[RSSI S1 Level]</b> , and then push the [ENTER] key, to store the adjustment value.	<b>[RSSI S1 Level]</b>	(Automatic adjustment)
<b>SQUELCH</b> <b>-Preparation-</b>	1	–	<ul style="list-style-type: none"> <li>• Set the item <b>[SQL Level]</b> to "2" (See the screen below).</li> </ul>	<b>[SQL Level]</b>	"2"
	2	–	<ul style="list-style-type: none"> <li>• Connect an SSG to the RX antenna connector, and then set the SSG as;                      Frequency : 400.100 MHz [Low band]                      450.100 MHz [High band]                      350.100 MHz [350 MHz]                      Modulation : 1 kHz                      Deviation : 3.5 kHz                      Level† : –14 dBμ (–121 dBm)</li> </ul>	–	–
<b>-Adjust-</b>	3	<ul style="list-style-type: none"> <li>• CH. :                      1-29 [L]                      1-27 [H]                      1-28 [350 MHz]</li> <li>• Receiving</li> </ul>	1) Decrease the adjustment value <b>[SQL]</b> to close the squelch once, and then increase the value to open the squelch. 2) Select the item <b>[SQL]</b> , and then push the [ENTER] key to store the adjustment value.	<b>[SQL]</b>	(Automatic adjustment)

[L]= Low band [H]=High band [350 MHz]=350 MHz band ([EXP-03] and [CHN-01])

†; The output level of the standard signal generator (SSG) is indicated as the SSG's open circuit.

**• [SQL Level] SETTING**



# SECTION 8 MECHANICAL PARTS

**[CHASSIS PARTS]**

REF NO.	ORDER NO.	DESCRIPTION	QTY.
MP1	8810003361	SET SCREWC M3 X 6 ZC3	4
MP2	8810003361	SET SCREWC M3 X 6 ZC3	1
MP3	8110009330	3063 U-COVER R Y2146	1
MP4	8110009340	3063 BOTTOM COVER D	1
MP5	8930073980	3063 ANGLE	2
MP6	8930073990	3063 CENTER ANGLE	1
MP7	8810005771	BIND M3 X 8 ZK3BLACK	11
MP9	8810009061	FLAT M3 X 6 ZK3	7
MP10	8810008661	PHBT M3 X 8 NI-ZC3	2
MP11	8810003361	SET SCREWC M3 X 6 ZC3 [DPM-01] only	6

**[MAIN UNIT] (For all models except the IC-FR6000-L)**

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510026770	AXK540147YG	1
J2*	6510023092	20FLT-SM2-TB (LF) (SN) (M)	1
J4*	6510023512	28FLT-SM2-TB (LF) (SN) (M)	1
J5	6510023110	3008L-8P8C <KIN>	1
J6	6450000140	HSJ0807-01-010	1
J8*	6510023092	20FLT-SM2-TB (LF) (SN) (M)	1
J9*	6510019371	B3B-ZR-SM4-TF (LF) (SN)	1
J10	6510004910	NR-DS-E 01 <SSC>	1
J11	6510004910	NR-DS-E 01 <SSC>	1
MF1	2710000870	AFB0512HB-7X22 <USE>-HK	1
W1	7030012290	RDS2T0R0	1
W2	7030012290	RDS2T0R0	1
W4	8900017520	OPC-1783	1
EP10	6910011560	HF70BB4.5X5X1.6	2
EP13	6910011330	OT-009 M3	1
EP14	6910011330	OT-009 M3	1
MP1	8510018070	2979 VCO CASE Y1005	1
MP2	8510018060	2979 VCO COVER Y1006	1
MP3	8510018070	2979 VCO CASE Y1005	1
MP4	8510018060	2979 VCO COVER Y1006	1
MP5	8210024440	3063 SUB M-PANEL	1
MP6	8310070880	3063 S-LED PLATE	1
MP7	8930073920	3063 SP COVER	1
MP8	8010020980	3063 CHASSIS	1
MP9	8110009360	3063 SU-COVER	1
MP10	8110009370	3063 SL-COVER	1
MP11	8930074300	3063 PC PLATE	1
MP12	8930074180	O-RING (BR) (TOP)	1
MP13	8930075020	3063 B-PACKING (TOP)	1
MP14	8930075030	3063 C-PACKING (TOP)	1
MP15	8930073930	3063 SP RUBBER (TOP)	1
MP16	8930058990	SHIELD SPONGE (V)	1
MP17	8930062160	HIMELON SHEET (CL)	1
MP18	8930070921	2979 D-SUB PLATE-1 Y2143A [USA-01]	1
	8930070921	2979 D-SUB PLATE-1 Y2143A [EXP-01]	1
	8930070921	2979 D-SUB PLATE-1 Y2143A [CHN-02]	1
	8930070921	2979 D-SUB PLATE-1 Y2143A [USA-02]	1
	8930070921	2979 D-SUB PLATE-1 Y2143A [EXP-02]	1
	8930079651	2979 D-SUB PLATE (A)-1 Y2142A [EUR-01]	1
	8930079651	2979 D-SUB PLATE (A)-1 Y2142A [DPM-01]	1
	8930070921	2979 D-SUB PLATE-1 Y2143A [DPM-03]	1
MP19	8930058990	SHIELD SPONGE (V)	1
MP20	8510015660	2681 F-SHIELD PLATE	1
MP21	8930048550	2177 CLIP	1
MP22	8810008451	BIND M4 X 8 ZK3	4
MP23	8930075080	HR25F DUST CAP <LIA>	1
MP24	8810009611	FLAT M2.6X 6 ZK3	8
MP25	8810009611	FLAT M2.6X 6 ZK3	9
MP26	8810010780	PH BT M3 X20 NI-ZK3	4
MP27	8810008661	PHBT M3 X 8 NI-ZC3	19
MP28	8810008661	PHBT M3 X 8 NI-ZC3	2
MP29	8810008661	PHBT M3 X 8 NI-ZC3	2
MP30	8810008661	PHBT M3 X 8 NI-ZC3	1
MP31	8810008661	PHBT M3 X 8 NI-ZC3	3
MP32	8810008661	PHBT M3 X 8 NI-ZC3	4
MP33	8510018780	3063 ANT CASE Y1076	2
MP35	8810003361	SET SCREWC M3 X 6 ZC3	2
MP36	8930066040	SPONGE (IK) [EUR-01]	1
	8930066040	SPONGE (IK) [DPM-01]	1
MP37	8510018790	3063 VCO SHIELD Y1078	1
MP38	8510018820	3063 SHIELD PLATE Y1085	1

**[FRONT UNIT]**

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J501*	6510019121	S8B-PH-SM4-TB (LF) (SN)	1
J502*	6510019121	S8B-PH-SM4-TB (LF) (SN)	1
J503	6450002210	3017-8821 <KIN>	1
J504*	6510014961	B2B-ZR-SM4-TF (LF) (SN)	1
DS500	5030002811	L4-0013TVY-2 <TES>	1
DS501	5040002710	EMPG3338S	1
DS502	5040002720	EMVR3338S	1
DS503	5040002710	EMPG3338S	1
DS504	5040002720	EMVR3338S	1
DS511	5040002150	VRPG3349S-734	1
DS512	5040002150	VRPG3349S-734	1
S506	2250000511	RH70N1037E20-13F-2781	1
SP501	2510001221	C052SB500-14 <OSC>	1
W501	8900011801	OPC-1199A <KN>	1
W502	8900017540	OPC-1785	1
EP501	8930065150	SRCN-2781-SP-N-W (SHJ)	2
EP503	6910019600	LM-5	2
EP504	6910019610	LM-7 (SPACER)	4
MP501	8930064260	2781 LCD HOLDER Y753	1
MP502	8210021190	2781 REFLECTOR	1
MP503	8610012160	KNOB N324	1
MP504	8610012150	KNOB N325	1
MP507	8930064220	2781 KNOB RUBBER (TOP)S	1
MP508	8930075200	HIMELON SHEET (CY)	2
MP510	8930059000	2601 SP NET	1
MP511	8210025550	3063 FRONT PANEL (A)	1
MP512	8930074161	3063 FRONT PLATE-1 [USA-01]	1
	8930074161	3063 FRONT PLATE-1 [EXP-01]	1
	8930074161	3063 FRONT PLATE-1 [CHN-02]	1
	8930074161	3063 FRONT PLATE-1 [CHN-01]	1
	8930074161	3063 FRONT PLATE-1 [EXP-03]	1
	8930074161	3063 FRONT PLATE-1 [USA-02]	1
	8930074161	3063 FRONT PLATE-1 [EXP-02]	1
	8930074161	3063 FRONT PLATE-1 [EUR-01]	1
	8930074161	3063 FRONT PLATE-1 [DPM-01]	1
	8930074161	3063 FRONT PLATE-1 [DPM-03]	1
	8930074161	3063 FRONT PLATE-1 [DPM-02]	1
MP513	8310070870	3063 WINDOW PLATE	1
MP514	8210024431	3063 M-PANEL-1	1
MP515	8930074000	3063 SP ANGLE	1
MP516	8110009350	3063 FRONT COVER Y2145	1
MP517	8930073820	3063 FRONT KEY <SEP>	1
MP518	8930073911	3063 M-COVER-1	1
MP519	8930074020	3063 KNOB RUBBER (TOP)	1
MP520	8930075010	3063 A-PACKING (TOP)	1
MP529	8810008661	PHBT M3 X 8 NI-ZC3	6
MP530	8810008661	PHBT M3 X 8 NI-ZC3	2
MP531	8810008661	PHBT M3 X 8 NI-ZC3	4
MP532	8810008661	PHBT M3 X 8 NI-ZC3	6
MP533	8810008661	PHBT M3 X 8 NI-ZC3 [USA-01]	5
	8810008661	PHBT M3 X 8 NI-ZC3 [EXP-01]	5
	8810008661	PHBT M3 X 8 NI-ZC3 [CHN-02]	5
	8810008661	PHBT M3 X 8 NI-ZC3 [CHN-01]	5
	8810008661	PHBT M3 X 8 NI-ZC3 [EXP-03]	5
	8810008661	PHBT M3 X 8 NI-ZC3 [USA-02]	5
	8810008661	PHBT M3 X 8 NI-ZC3 [EXP-02]	5
	8810008661	PHBT M3 X 8 NI-ZC3 [EUR-01]	5
	8810008661	PHBT M3 X 8 NI-ZC3 [DPM-01]	5
	8810008661	PHBT M3 X 8 NI-ZC3 [DPM-03]	5
	8810008661	PHBT M3 X 8 NI-ZC3 [DPM-02]	5

**[CONNECT UNIT]**

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J601*	6510027920	IIMS-9631S-28Y934	1
J602	6510023210	CD6125SA1J0 <CVI>	1
S1*	2260003070	MINISMDC150F/24-2 <UDX>	1
W601	8900017500	OPC-1852 (P0.5N28L90)	1

\*: Refer to "BOARD LAYOUTS."

**Screw abbreviations** A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless

**[MAIN-A UNIT] (For [EXP-03] and [CHN-01])**

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510026770	AXK540147YG	1
J2*	6510023092	20FLT-SM2-TB (LF) (SN) (M)	1
J4*	6510023512	28FLT-SM2-TB (LF) (SN) (M)	1
J5	6510023110	3008L-8P8C <KIN>	1
J6	6450000140	HSJ0807-01-010	1
J8*	6510023092	20FLT-SM2-TB (LF) (SN) (M)	1
J9*	6510019371	B3B-ZR-SM4-TF (LF) (SN)	1
J10	6510004910	NR-DS-E 01 <SSC>	1
J11	6510004910	NR-DS-E 01 <SSC>	1
MF1	2710000870	AFB0512HB-7X22 <USE>HK	1
W1	7030012290	RDS2T0R0	1
W2	7030012290	RDS2T0R0	1
W4	8900017520	OPC-1783	1
EP10	6910011560	HF70BB4.5X5X1.6	2
EP13	6910011330	OT-009 M3	1
EP14	6910011330	OT-009 M3	1
MP1	8510018070	2979 VCO CASE Y1005	1
MP2	8510018060	2979 VCO COVER Y1006	1
MP3	8510018070	2979 VCO CASE Y1005	1
MP4	8510018060	2979 VCO COVER Y1006	1
MP5	8210024440	3063 SUB M-PANEL	1
MP6	8310070880	3063 S-LED PLATE	1
MP7	8930073920	3063 SP COVER	1
MP8	8010020980	3063 CHASSIS	1
MP9	8110009360	3063 SU-COVER	1
MP10	8110009370	3063 SL-COVER	1
MP11	8930074300	3063 PC PLATE	1
MP12	8930074180	O-RING (BR) (TOP)	1
MP13	8930075020	3063 B-PACKING (TOP)	1
MP14	8930075030	3063 C-PACKING (TOP)	1
MP15	8930073930	3063 SP RUBBER (TOP)	1
MP16	8930058990	SHIELD SPONGE (V)	1
MP17	8930062160	HIMELON SHEET (CL)	1
MP18	8930070921	2979 D-SUB PLATE-1 Y2143A	1
MP19	8930058990	SHIELD SPONGE (V)	1
MP20	8510015660	2681 F-SHIELD PLATE	1
MP21	8930048550	2177 CLIP	1
MP22	8810008451	BIND M4 X 8 ZK3	4
MP23	8930075080	HR25F DUST CAP <LIA>	1
MP24	8810009611	FLAT M2.6X 6 ZK3	8
MP25	8810009611	FLAT M2.6X 6 ZK3	9
MP26	8810010780	PH BT M3 X20 NI-ZK3	4
MP27	8810008661	PHBT M3 X 8 NI-ZC3	19
MP28	8810008661	PHBT M3 X 8 NI-ZC3	2
MP29	8810008661	PHBT M3 X 8 NI-ZC3	1
MP30	8810008661	PHBT M3 X 8 NI-ZC3	2
MP31	8810008661	PHBT M3 X 8 NI-ZC3	3
MP32	8810008661	PHBT M3 X 8 NI-ZC3	4
MP33	8510018780	3063 ANT CASE Y1076	2
MP35	8810003361	SET SCREWC M3 X 6 ZC3	2
MP37	8510018790	3063 VCO SHIELD Y1078	1
MP38	8510018820	3063 SHIELD PLATE Y1085	1

**[MAIN-B UNIT]**

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510026770	AXK540147YG	1
J2*	6510023092	20FLT-SM2-TB (LF) (SN) (M)	1
J4*	6510023512	28FLT-SM2-TB (LF) (SN) (M)	1
J5	6510023110	3008L-8P8C <KIN>	1
J6	6450000140	HSJ0807-01-010	1
J8*	6510023092	20FLT-SM2-TB (LF) (SN) (M)	1
J9*	6510019371	B3B-ZR-SM4-TF (LF) (SN)	1
J10	6510004910	NR-DS-E 01 <SSC>	1
J11	6510004910	NR-DS-E 01 <SSC>	1
J12*	6510025970	41-002AA-R <MRF>	1
MF1	2710000870	AFB0512HB-7X22 <USE>HK	1
W1	7030012290	RDS2T0R0	1
W2	7030012290	RDS2T0R0	1
W4	8900017520	OPC-1783	1
W5	8900020500	OPC-2249 <WSE>	1
EP10	6910011560	HF70BB4.5X5X1.6	2
EP13	6910011330	OT-009 M3	1
EP14	6910011330	OT-009 M3	1
MP1	8510018070	2979 VCO CASE Y1005	1
MP2	8510018060	2979 VCO COVER Y1006	1
MP3	8510018070	2979 VCO CASE Y1005	1
MP4	8510018060	2979 VCO COVER Y1006	1
MP5	8210024440	3063 SUB M-PANEL	1
MP6	8310070880	3063 S-LED PLATE	1
MP7	8930073920	3063 SP COVER	1
MP8	8010020980	3063 CHASSIS	1
MP9	8110009360	3063 SU-COVER	1
MP10	8110009370	3063 SL-COVER	1
MP11	8930085080	3063 IF PLATE	1
MP12	8930074180	O-RING (BR) (TOP)	1
MP13	8930075020	3063 B-PACKING (TOP)	1
MP14	8930075030	3063 C-PACKING (TOP)	1
MP15	8930073930	3063 SP RUBBER (TOP)	1
MP16	8930058990	SHIELD SPONGE (V)	1
MP17	8930062160	HIMELON SHEET (CL)	1
MP18	8930079651	2979 D-SUB PLATE (A)-1 Y2142A	1
MP19	8930058990	SHIELD SPONGE (V)	1
MP20	8510015660	2681 F-SHIELD PLATE	1
MP21	8930048550	2177 CLIP	1
MP22	8810008451	BIND M4 X 8 ZK3	4
MP23	8930075080	HR25F DUST CAP <LIA>	1
MP24	8810009611	FLAT M2.6X 6 ZK3	8
MP25	8810009611	FLAT M2.6X 6 ZK3	9
MP26	8810010780	PH BT M3 X20 NI-ZK3	4
MP27	8810008661	PHBT M3 X 8 NI-ZC3	19
MP28	8810008661	PHBT M3 X 8 NI-ZC3	2
MP29	8810008661	PHBT M3 X 8 NI-ZC3	1
MP30	8810008661	PHBT M3 X 8 NI-ZC3	2
MP31	8810008661	PHBT M3 X 8 NI-ZC3	3
MP32	8810008661	PHBT M3 X 8 NI-ZC3	4
MP33	8510018780	3063 ANT CASE Y1076	2
MP35	8810003361	SET SCREWC M3 X 6 ZC3	2
MP36	8930066040	SPONGE (IK)	1
MP37	8510018790	3063 VCO SHIELD Y1078	1
MP38	8510018820	3063 SHIELD PLATE Y1085	1

**[PA UNIT]**

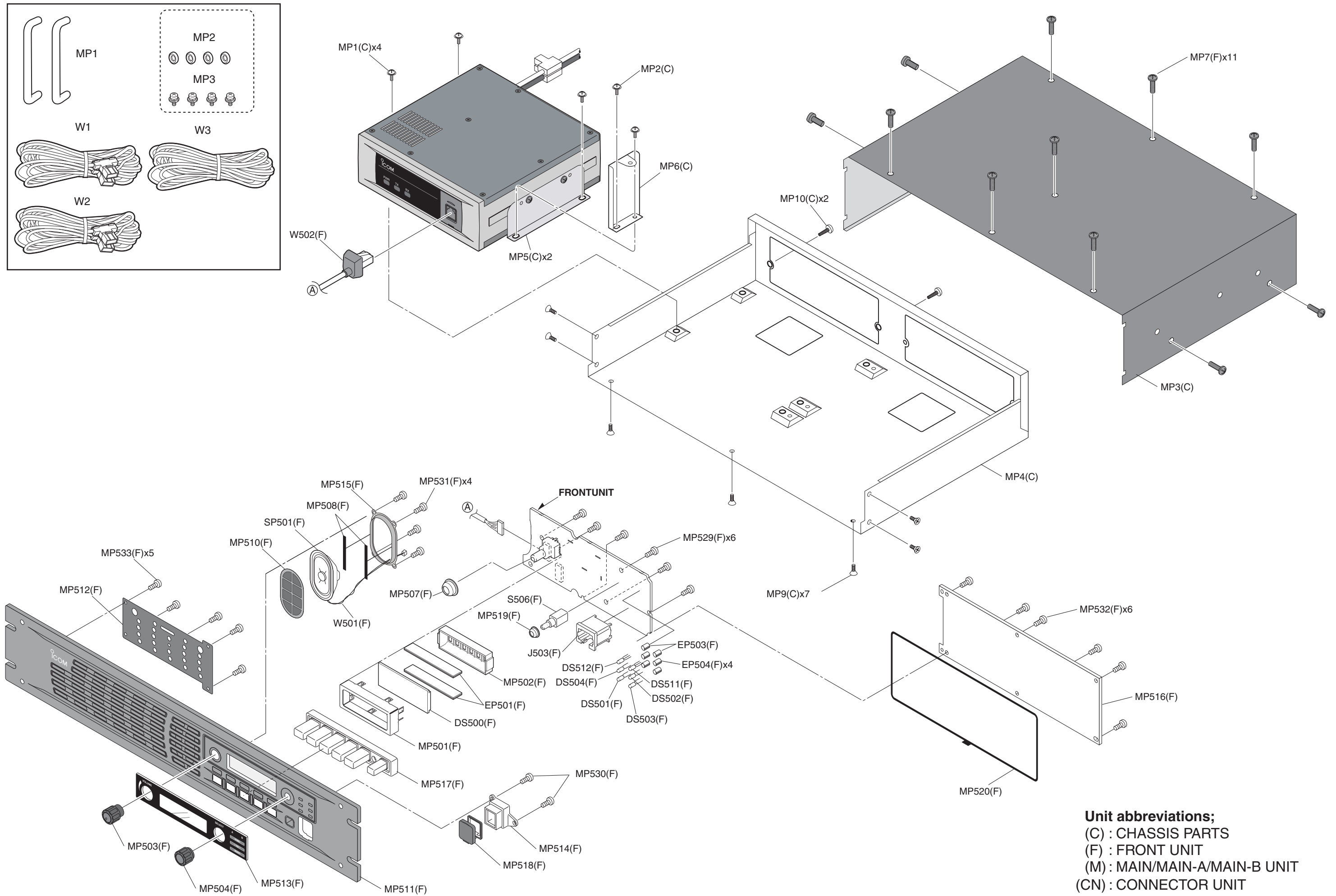
REF NO.	ORDER NO.	DESCRIPTION	QTY.
EP1	(Optional)	UR-PA6000	1

**[ACCESSORIES]**

REF NO.	ORDER NO.	DESCRIPTION	QTY.
W1	8900017530	OPC-1784	1
W2	8900017530	OPC-1784	1
W3	8900021150	OPC-2243	1
MP1	8930074310	3063 HANDLE	1
MP2	8930074320	SETSCREW (C) 4X12 ZK3	1
MP3	8810010740	3063 KEY SEAL	1

\*: Refer to "BOARD LAYOUTS."

**Screw abbreviations** A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless



# PARTS LIST

**[UNIT LIST]**

MODEL	VERSION	MAIN UNIT	MAIN-A UNIT	MAIN-B UNIT
IC-FR6000	USA-01	O	-	-
	USA-02	O	-	-
	EXP-01	O	-	-
	EXP-02	O	-	-
	EXP-03	-	O	-
	DPM-03	O	-	-
	IC-FR6000-L	CHN-01	-	O
IC-FR6100	CHN-02	O	-	-
	EUR-01	O	-	-
	DPM-01	O	-	-
	DPM-02	-	-	O
IC-FR6100H	DPM-01	-	-	O

**[MAIN UNIT] (For all models except the IC-FR6000-L)**

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.2
IC3	1130010100	S.IC LMX2352TMX/NOPB	B	120.2/43.9
IC4	1130010100	S.IC LMX2352TMX/NOPB	B	28.1/78.9
IC5	1110003491	S.IC TA31136FNG(DEL)	B	70.5/82.5
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4
IC9	1190002080	S.IC AD7476ARTZ-500RL7 <FE>	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK(T5LF)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35.0
IC12	1140013290	S.IC TMS320VC5509AZHH <FE>	B	33.4/37.9
IC13	1180002591	S.REG XC6204B332MR-G	T	81.0/20.4
IC14	1180003271	S.REG R1114Q161D-TR-FE	T	84.4/21.4
IC15	1180002591	S.REG XC6204B332MR-G	T	87.9/21.4
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.2/52.8
IC20	1140014550	S.IC HD64F2506RFC26DV(EMPTY)	T	33.5/37.7
IC21	1140012950	S.IC 24LC512T-I/SM <SEI>	T	59.2/21.8
IC22	1150002211	IC RA55H4047M-121 [USA-01]		
	1150002211	IC RA55H4047M-121 [EXP-01]		
	1150002211	IC RA55H4047M-121 [CHN-02]		
	1150002221	IC RA55H4452M-121 [USA-02]		
	1150002221	IC RA55H4452M-121 [EXP-02]		
	1150002092	IC RA30H4047M-121 [EUR-01]		
	1150002092	IC RA30H4047M-121 [DPM-01]		
	1150002211	IC RA55H4047M-121 [DPM-03]		
IC23	1110002751	S.IC TA75S01F(TE85RF)	T	139.3/125.7
IC25	1130008561	S.IC TC75S51F(TE85LF)	B	29.0/16.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.8/70.0
IC27	1180001252	S.IC TA7808F(TE16L1NQ)	T	116.6/84.1
IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85RF)	T	12.0/123.1
IC30	1180000421	S.IC TA78L05F(TE12RF)	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.2/45.2
IC32	1130015620	S.IC EN25Q40-100GIP <MSK>	B	8.9/36.1
IC34	1110005340	S.IC NJM12902V-TE1-#ZZZB	B	12.3/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.3
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4
IC37	1120002830	S.IC NJM2125F-TE1-#FZZB	T	56.7/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180001072	S.IC TA7805F(TE16L1NQ)	T	101.2/24.3
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2
IC41	1180001252	S.IC TA7808F(TE16L1NQ)	B	132.0/16.7
Q1	1590004190	S.TRA DRA9144E0L	B	53.4/79.7
Q2	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	35.0/77.7
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Eqv.	1560001840	S.FET 2SK3107-T1-AT		
Eqv.	1560001860	S.FET 2SK1824-T1-A		
Q4	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	88.8/41.5
Q5	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	33.3/107.5
Q6	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	29.6/101.3
Q7	1530002601	S.TRA 2SC4215-O(TE85RF)	B	73.0/92.5
Q8	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	92.7/47.7
Q9	1560001360	S.FET 2SK3019 TL	B	39.5/104.5
Eqv.	1560001840	S.FET 2SK3107-T1-AT		
Eqv.	1560001860	S.FET 2SK1824-T1-A		
Q10	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	88.8/44.6
Q11	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	29.6/104.4
Q12	1590004190	S.TRA DRA9144E0L	B	65.6/101.6
Q13	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	88.8/47.7
Q14	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	29.6/107.5
Q15	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	92.7/44.6
Q16	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	33.3/104.5
Q19	1530002601	S.TRA 2SC4215-O(TE85RF)	B	63.2/106.9
Q20	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	38.8/123.1
Q21	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	39.6/114.5
Q22	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	94.6/64.3
Q23	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	95.2/55.4
Q24	1530003311	S.TRA 2SC5107-O(TE85RF)	B	100.5/58.6
Q25	1530003311	S.TRA 2SC5107-O(TE85RF)	B	44.9/116.2
Q26	1590004500	S.TRA DMC561040R	B	40.5/117.8
Q27	1590004500	S.TRA DMC561040R	B	96.0/59.6
Q28	1590004350	S.TRA DRC9144E0L	B	93.3/59.6
Q29	1590004350	S.TRA DRC9144E0L	T	57.2/41.9
Q30	1590004350	S.TRA DRC9144E0L	B	37.8/117.8
Q31	1590004190	S.TRA DRA9144E0L	T	57.2/39.8
Q32	1530004110	S.TRA MT3S37T(TE85LF)	B	46.5/109.1
Q33	1530004110	S.TRA MT3S37T(TE85LF)	B	102.1/53.4
Q34	1530003311	S.TRA 2SC5107-O(TE85RF)	B	46.2/123.1
Q35	1530003311	S.TRA 2SC5107-O(TE85RF)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85LF)	B	47.3/136.1
Q37	1530003311	S.TRA 2SC5107-O(TE85RF)	B	132.5/84.6
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829(TE85RF)	B	53.2/140.8
Q40	1590004590	S.TRA DMC506010R	T	101.7/87.4
Q41	1520000460	S.TRA 2SB1132 T100 R	T	101.7/82.8
Eqv.	1520000910	S.TRA 2SB1132L-R-AB3-R <SLVJ>		
Q42	1590004350	S.TRA DRC9144E0L	T	13.3/67.6
Q43	1590004350	S.TRA DRC9144E0L	T	138.8/123.0
Q44	1590004150	S.TRA DRC9114T0L	T	122.9/79.2
Q45	1540000550	S.TRA 2SD1664 T100Q	T	117.1/76.3
Eqv.	1540000770	S.TRA 2SD1664L-Q-AB3-R <SLVJ>		
Q46	1530002851	S.TRA 2SC4116-BL(TE85RF)	T	137.5/120.4

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[MAIN UNIT] (For all models except the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
Q48	1510000920	S.TRA 2SA1577 T106 Q	T	101.5/77.8
Q49	1590004350	S.TRA DRC9144E0L	T	102.3/73.7
Q52	1590004350	S.TRA DRC9144E0L	T	10.9/131.7
Q53	1590004350	S.TRA DRC9144E0L	T	10.9/129.7
Q56	1590004710	S.FET TPC6111(TE85LF)	T	7.7/132.7
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590004350	S.TRA DRC9144E0L	T	130.3/102.1
Q59	1590000990	S.TRA DTC363EK T146	T	7.7/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85RF)	T	6.8/118.5
Q62	1530004210	S.TRA DSC7004S0L	T	118.5/18.6
Q63	1560000990	S.FET PMBFJ310 <RYO>	B	66.3/110.0
Q64	1560000990	S.FET PMBFJ310 <RYO>	B	63.3/110.0
Q65	1530003311	S.TRA 2SC5107-O(TE85RF)	B	59.6/123.7
Q66	1590004350	S.TRA DRC9144E0L	B	95.0/4.8
Q67	1590004350	S.TRA DRC9144E0L	B	125.0/4.7
Q68	1590004350	S.TRA DRC9144E0L	B	110.0/4.7
Q69	1590004350	S.TRA DRC9144E0L	T	9.5/53.3
Q70	1590004190	S.TRA DRA9144E0L	T	9.5/51.0
D1	1750001070	S.DIO DAN235ETL	B	57.3/78.6
Eqv.	1750002470	S.DIO KDS112E-RTK/P		
D2	1750001070	S.DIO DAN235ETL	B	50.0/79.7
Eqv.	1750002470	S.DIO KDS112E-RTK/P		
D3	1790001621	S.DIO 1SV308(TPL3F)	B	70.4/93.4
D4	1790001621	S.DIO 1SV308(TPL3F)	B	67.8/93.4
D7	1750001150	S.VAR HVC383BTRF-E	B	30.8/122.3
D8	1750001150	S.VAR HVC383BTRF-E	B	30.6/112.7
D9	1750001150	S.VAR HVC383BTRF-E	B	85.6/63.5
D10	1750001150	S.VAR HVC383BTRF-E	B	85.7/53.3
D11	1790001621	S.DIO 1SV308(TPL3F)	B	63.5/103.1
D12	1790001621	S.DIO 1SV308(TPL3F)	B	62.7/101.1
D13	1750000711	S.VAR HVC350BTRF-E	B	87.3/66.8
D14	1750000711	S.VAR HVC350BTRF-E	B	87.1/55.4
D15	1750000711	S.VAR HVC350BTRF-E	B	32.6/125.4
D16	1750000711	S.VAR HVC350BTRF-E	B	32.0/114.5
D17	1720000570	S.VAR MA368(TX)	B	94.6/66.6
D18	1720000570	S.VAR MA368(TX)	B	91.4/57.7
D19	1750000520	S.DIO DAN222TL	T	59.6/39.8
D20	1750002210	S.DIO DA2S00100L	T	39.0/57.9
D21	1750000711	S.VAR HVC350BTRF-E	B	66.1/135.8
D22	1750000711	S.VAR HVC350BTRF-E	B	62.9/135.8
D24	1750000711	S.VAR HVC350BTRF-E	B	56.1/135.9
D27	1750002020	S.DIO DA2S10100L	B	57.2/140.4
D28	1750000711	S.VAR HVC350BTRF-E	B	36.0/134.4
D29	1750000711	S.VAR HVC350BTRF-E	B	37.2/134.4
D31	1750000711	S.VAR HVC350BTRF-E	B	32.4/136.6
D32	1750000711	S.VAR HVC350BTRF-E	B	32.4/135.4
D33	1750002170	S.DIO DB2S31400L	B	37.8/144.2
D34	1790001621	S.DIO 1SV308(TPL3F)	B	85.5/137.8
D38	1750001360	S.DIO L709CER (9401)	B	87.8/135.7
D40	1750000370	S.DIO DA221 TL	T	112.7/77.0
D44	1710001061	DIO L407CDB		
D45	1750001820	S.DIO LRB706F-40T1G <SLVJ>	B	96.3/138.1
D46	1750000520	S.DIO DAN222TL	T	13.3/131.2
D47	1750000520	S.DIO DAN222TL	T	13.3/129.2
D48	1790000661	S.DIO MA2J7280GL	B	121.1/142.5
D49	1790000661	S.DIO MA2J7280GL	B	140.6/133.1
D51	1750002020	S.DIO DA2S10100L	T	10.6/127.1
D53	1790001810	S.VAR AVR-M1005C080MTABB	T	32.5/11.5
D55	1790001810	S.VAR AVR-M1005C080MTABB	T	30.5/11.5
D56	1790001810	S.VAR AVR-M1005C080MTABB	B	33.3/22.2
D59	1790000700	DIO DSA3A1		
D61	1160000070	S.DIO DAN202K T146	T	118.5/14.3
Eqv.	1750000021	S.DIO 1SS184(TE85RF)		
Eqv.	1750002420	S.DIO LDAN202KLT1G <SLVJ>		
D62	1750000431	S.DIO HSB88WSTR-E	B	68.3/123.3
D63	1750002020	S.DIO DA2S10100L	B	34.2/20.8
D64	1750000370	S.DIO DA221 TL	T	63.2/93.9
D65	1750000370	S.DIO DA221 TL	T	65.2/93.9
D66	1750000370	S.DIO DA221 TL	T	67.2/93.9
D67	1750000370	S.DIO DA221 TL	T	62.6/105.7
D68	1750000370	S.DIO DA221 TL	T	60.6/104.8
D69	1750000370	S.DIO DA221 TL	T	69.2/93.9
D70	1750000370	S.DIO DA221 TL	T	71.2/93.9
D71	1750000370	S.DIO DA221 TL	T	69.4/109.5
D72	1750000370	S.DIO DA221 TL	T	71.5/109.5
D73	1750000370	S.DIO DA221 TL	T	73.6/109.5
D74	1750000370	S.DIO DA221 TL	T	75.6/109.5
D75	1750002020	S.DIO DA2S10100L	B	41.1/38.7
D76	1750002020	S.DIO DA2S10100L	B	26.5/41.3
D77	1750002020	S.DIO DA2S10100L	B	49.2/29.9
D78	1750002130	S.ZEN DZZJ062MOL	B	52.3/29.9
FI1	2020001520	CER CFWLA450KFFA-B0 (CFWS450F)		
FI2	2020001460	CER CFWLA450KFFA-B0 (CFWS450HT)		
FI3	2030000500	S.MON DSF753SBF 46.35 MHz (FL-401)	B	72.0/101.1
FI4	2030000670	S.MON DSF753SBF 46.35 MHz (FL-420)	B	63.4/91.2
FI5	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/110.3
FI6	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/113.5
FI7	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/116.6
X1	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	128.6/45.3

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

[MAIN UNIT] (For all models except the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
X2	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	35.7/72.4
X3	6070000300	S.DIS JTBM450CX24 <JJE>	B	63.5/83.5
X4	6050012931	S.XTA CR-886A DSA321SCL 12.288 MHz	B	52.9/38.3
X5	6050012680	S.XTA CR-858(SMD-49/18.432 MHz) <JJE>	T	46.9/52.8
L1	6200004660	S.COI MLF1608A 1R8K-T	B	115.6/39.2
L2	6200004660	S.COI MLF1608A 1R8K-T	B	23.6/82.5
L3	6200004480	S.COI MLF1608D R82K-T	B	39.5/79.4
L4	6200003540	S.COI MLF1608D R22K-T	B	37.0/77.0
L5	6200005671	S.COI ELJRE 12NGFA [USA-01]	B	102.7/46.7
	6200005671	S.COI ELJRE 12NGFA [EXP-01]		
	6200005671	S.COI ELJRE 12NGFA [CHN-02]		
	6200005661	S.COI ELJRE 10NGFA [USA-02]		
	6200005661	S.COI ELJRE 10NGFA [EXP-02]		
	6200005671	S.COI ELJRE 12NGFA [EUR-01]		
	6200005671	S.COI ELJRE 12NGFA [DPM-01]		
	6200005671	S.COI ELJRE 12NGFA [DPM-03]		
L6	6200005671	S.COI ELJRE 12NGFA	B	44.6/99.3
L8	6200004741	S.COI NLV25T-1R2J	B	28.5/121.7
L9	6200004741	S.COI NLV25T-1R2J	B	28.5/124.9
L10	6200004741	S.COI NLV25T-1R2J	B	28.5/114.1
L11	6200004741	S.COI NLV25T-1R2J	B	83.7/63.1
L12	6200004741	S.COI NLV25T-1R2J	B	83.7/54.6
L13	6200004741	S.COI NLV25T-1R2J	B	30.6/117.2
L14	6200004741	S.COI NLV25T-1R2J	B	84.2/66.2
L15	6200004741	S.COI NLV25T-1R2J	B	84.2/57.7
L18	6200009260	S.COI C3328A-5NOJ-A	B	88.7/63.1
L19	6200009260	S.COI C3328A-5NOJ-A	B	89.8/54.0
L20	6200009390	S.COI C3328A-8NOJ-A	B	33.2/121.7
L21	6200009390	S.COI C3328A-8NOJ-A	B	34.7/113.1
L22	6200003550	S.COI MLF1608A 4R7K-T	B	73.4/109.9
L23	6200002861	S.COI NLV25T-4R7J	B	57.6/108.9
L24	6200010740	S.COI C2520C-R27G-A	B	70.0/109.1
L25	6200004741	S.COI NLV25T-1R2J	B	97.1/64.6
L26	6200004741	S.COI NLV25T-1R2J	B	98.1/53.9
L27	6130002961	S.COI #617DB-1327=P3	B	68.3/117.0
L28	6200005711	S.COI ELJRE 27NGFA	B	62.3/123.6
L29	6200005721	S.COI ELJRE 33NGFA	B	102.6/58.6
L30	6200005721	S.COI ELJRE 33NGFA	B	46.9/116.2
L31	6200002861	S.COI NLV25T-4R7J	T	91.1/20.0
L32	6130002961	S.COI #617DB-1327=P3	B	68.3/128.7
L33	6200005671	S.COI ELJRE 12NGFA	B	47.3/107.1
L34	6200005711	S.COI ELJRE 27NGFA [USA-01]	B	61.1/117.5
	6200005711	S.COI ELJRE 27NGFA [EXP-01]		
	6200005711	S.COI ELJRE 27NGFA [CHN-02]		
	6200005691	S.COI ELJRE 18NGFA [USA-02]		
	6200005691	S.COI ELJRE 18NGFA [EXP-02]		
	6200005711	S.COI ELJRE 27NGFA [EUR-01]		
	6200005711	S.COI ELJRE 27NGFA [DPM-01]		
	6200005711	S.COI ELJRE 27NGFA [DPM-03]		
L35	6200005671	S.COI ELJRE 12NGFA [USA-01]	B	102.7/51.6
	6200005671	S.COI ELJRE 12NGFA [EXP-01]		
	6200005671	S.COI ELJRE 12NGFA [CHN-02]		
	6200005661	S.COI ELJRE 10NGFA [USA-02]		
	6200005661	S.COI ELJRE 10NGFA [EXP-02]		
	6200005671	S.COI ELJRE 12NGFA [EUR-01]		
	6200005711	S.COI ELJRE 27NGFA [DPM-01]		
	6200005711	S.COI ELJRE 27NGFA [DPM-03]		
L36	6200005711	S.COI ELJRE 27NGFA	B	44.3/123.1
L37	6200005711	S.COI ELJRE 27NGFA [USA-01]	B	61.1/120.1
	6200005711	S.COI ELJRE 27NGFA [EXP-01]		
	6200005711	S.COI ELJRE 27NGFA [CHN-02]		
	6200005691	S.COI ELJRE 18NGFA [USA-02]		
	6200005691	S.COI ELJRE 18NGFA [EXP-02]		
	6200005711	S.COI ELJRE 27NGFA [EUR-01]		
	6200005711	S.COI ELJRE 27NGFA [DPM-01]		
	6200005711	S.COI ELJRE 27NGFA [DPM-03]		
L38	6200005711	S.COI ELJRE 27NGFA	B	100.0/64.4
L39	6200009320	S.COI C3328A-12NG-A	B	70.8/137.3
L40	6200009320	S.COI C3328A-12NG-A	B	59.5/135.7
L41	6200009320	S.COI C3328A-12NG-A	B	51.4/136.3
L42	6200005711	S.COI ELJRE 27NGFA	B	134.8/83.9
L43	6200005711	S.COI ELJRE 27NGFA	B	142.0/87.2
L44	6200010290	S.COI C6328A-22NG-A [USA-01]	B	41.9/136.3
	6200010290	S.COI C6328A-22NG-A [EXP-01]		
	6200010290	S.COI C6328A-22NG-A [CHN-02]		
	6200013490	S.COI C6328A-17NG-A [USA-02]		
	6200013490	S.COI C6328A-17NG-A [EXP-02]		
	6200010290	S.COI C6328A-22NG-A [EUR-01]		
	6200010290	S.COI C6328A-22NG-A [DPM-01]		
	6200010290	S.COI C6328A-22NG-A [DPM-03]		
L45	6200005641	S.COI ELJRE 6N8ZFPA	B	142.7/92.7
L46	6200005691	S.COI ELJRE 18NGFA [USA-01]	B	142.0/94.6
	6200005691	S.COI ELJRE 18NGFA [EXP-01]		
	6200005691	S.COI ELJRE 18NGFA [CHN-02]		
	6200005691	S.COI ELJRE 18NGFA [USA-02]		
	6200005691	S.COI ELJRE 18NGFA [EXP-02]		
	6200005671	S.COI ELJRE 12NGFA [EUR-01]		
	6200005671	S.COI ELJRE 12NGFA [DPM-01]		
	6200005691	S.COI ELJRE 18NGFA [DPM-03]		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount



[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with 5 columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists components for various models, including descriptions like ERJ2GGEJ 683 X (68K) and H/V locations such as 103.7/64.0.

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with 5 columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists components for various models, including descriptions like ERJ2GEJ 104 X (100K) and H/V locations such as 15.1/124.2.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount



[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Rows include R486 through R557 and C1 through C50.

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Rows include C51 through C149.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount









[MAIN UNIT] (For all models except the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C619	4030017420	S.CER C1005 CH 1H 470J-T	T	74.2/107.7
C620	4030017420	S.CER C1005 CH 1H 470J-T	T	73.7/96.8
C621	4030017420	S.CER C1005 CH 1H 470J-T	T	31.5/2.8
C622	4030018910	S.CER C1608 JB 0J 475K-T	T	64.3/73.2
C623	4030017330	S.CER C1005 JF 1C 104Z-T	B	126.8/16.0
C624	4030017330	S.CER C1005 JF 1C 104Z-T	B	126.3/20.3
C625	4030017460	S.CER C1005 JB 1H 102K-T	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220P	B	129.4/23.0
C630	4030017420	S.CER C1005 CH 1H 470J-T [EUR-01]	T	106.4/106.8
	4030017420	S.CER C1005 CH 1H 470J-T [DPM-01]	T	
C631	4030017580	S.CER C1005 CH 1H 060C-T [EUR-01]	T	113.5/108.3
	4030017580	S.CER C1005 CH 1H 060C-T [DPM-01]	T	
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
C638	4030019120	S.CER GRM188B31E105KA75D	T	13.0/139.4
C640	4030018900	S.CER C1005 JB 0J 474K-T	B	8.9/58.3
C641	4030016970	S.CER C1005 JB 1E 223K-T	B	8.4/59.5
C642	4030016970	S.CER C1005 JB 1E 223K-T	B	8.9/60.7
C643	4030016970	S.CER C1005 JB 1E 223K-T	B	8.0/60.7
C644	4030016930	S.CER C1005 JB 1A 104K-T	B	11.6/62.9
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	14.8/15.6
J4	6510023512	S.CON 28FLT-SM2-TB(LF)(SN)(M)	T	70.9/102.1
J5	6510023110	CON 3008L-8P8C <KIN>		
J6	6450000140	CON HSJ0807-01-010		
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	59.1/15.7
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.7/14.3
J10	6510004910	CON NR-DS-E 01 <SSC>		
J11	6510004910	CON NR-DS-E 01 <SSC>		
DS1	5040002961	S.LED SML-A12MT T86J	B	96.0/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126.0/1.1
DS3	5040003001	S.LED SML-A12UT T86J	B	111.0/1.1
MF1	2710000870	FAN AFB0512HB-7X22 <USE>HK		
W1	7030012290	JUM RDS2T0R0		
W2	7030012290	JUM RDS2T0R0		
W4	8900017520	CAB OPC-1783		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	30.5/60.6
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39.0/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109.0
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.9/39.4
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC500	1130009121	S.IC S1D15206F00A200	B	69.5/36.0
IC501	1110005771	S.IC S-80942CNMC-G9CT2G	B	105.3/24.1
IC502	1140014582	S.IC UPD78F1153GK(R)-GAK-AX (3063C-3)	B	101.4/38.8
IC503	1110005350	S.IC NJM2870F05-TE1-#FZZB	B	47.3/30.5
IC506	1140013200	S.IC CD4053BPWR	B	39.1/31.7
IC508	1110002751	S.IC TA75S01F(TE85RF)	B	143.0/18.1
IC509	1110006770	S.IC TDA8547TS-N <RYO>	B	28.5/55.8
Q500	1590001050	S.TRA DTC114TUA T106	B	148.5/41.4
	Eqv. 1590004820	S.TRA DRC5114T0L		
Q501	1590001050	S.TRA DTC114TUA T106	B	161.8/34.6
	Eqv. 1590004820	S.TRA DRC5114T0L		
Q502	1590001050	S.TRA DTC114TUA T106	B	161.9/41.4
	Eqv. 1590004820	S.TRA DRC5114T0L		
Q503	1590001050	S.TRA DTC114TUA T106	B	148.5/34.6
	Eqv. 1590004820	S.TRA DRC5114T0L		
Q504	1590001050	S.TRA DTC114TUA T106	B	91.4/45.6
	Eqv. 1590004820	S.TRA DRC5114T0L		
Q506	1590004590	S.TRA DMC506010R	B	33.0/48.2
Q508	1520000460	S.TRA 2SB1132 T100 R	B	36.9/52.7
	Eqv. 1520000910	S.TRA 2SB1132L-R-AB3-R <SLVJ>		
Q510	1590001050	S.TRA DTC114TUA T106	B	152.9/53.3
	Eqv. 1590004820	S.TRA DRC5114T0L		
Q511	1590001050	S.TRA DTC114TUA T106	B	166.3/53.0
	Eqv. 1590004820	S.TRA DRC5114T0L		
Q513	1590001060	S.TRA DTA114TUA T106	B	168.8/53.0
Q514	1590001060	S.TRA DTA114TUA T106	B	160.1/49.6
Q515	1590001060	S.TRA DTA114TUA T106	B	155.4/53.3
Q516	1590001060	S.TRA DTA114TUA T106	B	145.4/49.9
Q517	1590001050	S.TRA DTC114TUA T106	B	160.1/46.9
	Eqv. 1590004820	S.TRA DRC5114T0L		
Q518	1590001050	S.TRA DTC114TUA T106	B	145.4/47.1
	Eqv. 1590004820	S.TRA DRC5114T0L		
D503	1750002210	S.DIO DA2S00100L	B	112.3/33.9
D504	1750002020	S.DIO DA2S10100L	B	95.1/45.9
D505	1790001450	S.DIO RB160L-40 TE-25	B	41.8/26.6
D506	1790001450	S.DIO RB160L-40 TE-25	B	63.2/6.6
D507	1750001980	S.ZEN DZJ056M0L	B	160.8/29.9
D508	1750000370	S.DIO DA221 TL	B	153.2/27.7
D509	1750000370	S.DIO DA221 TL	B	166.4/28.1
D510	1750002020	S.DIO DA2S10100L	B	43.2/51.6
D511	1750002020	S.DIO DA2S10100L	B	115.9/45.0
D512	1750002020	S.DIO DA2S10100L	B	65.3/10.2
D513	1750002020	S.DIO DA2S10100L	B	36.3/24.4
X501	6050012680	S.XTA CR-858(SMD-49/18.432 MHz) <JE>	B	113.1/28.2
L500	6200002861	S.COI NLV25T-4R7J	B	106.1/17.9
L501	6200003640	S.COI MLF1608E 100K-T	B	161.6/17.9
L502	6200002861	S.COI NLV25T-4R7J	B	86.0/39.4
R500	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	83.6/43.7
R501	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	87.4/47.5
R506	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	157.8/36.3
R507	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	167.9/44.3
R508	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	167.9/37.8
R509	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	155.4/44.6
R510	7030005530	S.RES ERJ2GEJ 100 X (10)	B	106.8/30.6
R511	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	105.9/30.6
R512	7510001730	S.THE ERTJOEP 473J	B	103.1/48.9
R513	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	102.2/49.9
R514	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	113.1/32.3
R515	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	112.3/36.0
R516	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	103.2/26.4
R517	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	110.3/33.1
R518	7410001140	S.ARR EXB28V104JX	B	107.0/47.1
R519	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	105.4/48.5
R520	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	96.1/30.8
R523	7030005710	S.RES ERJ2GEJ 121 X (120)	B	114.1/37.6
R524	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	104.5/48.5
R525	7030005710	S.RES ERJ2GEJ 121 X (120)	B	113.2/37.6
R526	7030005710	S.RES ERJ2GEJ 121 X (120)	B	112.3/37.6
R532	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	33.2/45.5
R533	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	31.2/47.7
R534	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	32.3/45.8
R536	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	158.7/30.8
R538	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	155.7/29.3
R539	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	27.7/51.1
R540	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	26.6/49.9
R541	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	139.2/32.0
R542	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	26.2/51.1
R543	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	137.4/31.5
R544	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	164.9/29.4
R545	7030004980	S.RES ERJ2GEJ 101 X (100)	B	140.4/19.9
R546	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	164.9/27.8
R547	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	155.7/27.7
R548	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	159.8/28.0
R549	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	32.0/51.3
R551	7210003050	VAR EVU-F2KFK3 B14 (10KB)		
R552	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	142.3/20.4
R553	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	144.7/20.2

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R554	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.6/53.4
R556	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	161.1/19.0
R557	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	29.3/51.3
R558	7030008370	S.RES ERJ2GEJ 561 X (560)	B	169.2/51.1
R559	7030008370	S.RES ERJ2GEJ 561 X (560)	B	155.8/51.1
R560	7030010040	S.RES ERJ2GEJ-JPW	B	139.5/17.2
R562	7030003720	S.RES ERJ3GEYJ 224 V (220K)	B	86.2/43.7
R563	7030003720	S.RES ERJ3GEYJ 224 V (220K)	B	88.2/44.9
R564	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	153.1/19.8
R566	7030008370	S.RES ERJ2GEJ 561 X (560)	B	162.0/49.2
R567	7030008370	S.RES ERJ2GEJ 561 X (560)	B	148.3/49.9
R568	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	87.5/17.0
R570	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	103.1/24.8
R571	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	45.8/51.6
R572	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.3/50.3
R573	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.4/33.0
R574	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.4/32.1
R575	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	34.8/24.7
R576	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	62.6/12.9
C500	4030016930	S.CER C1005 JB 1A 104K-T	B	79.4/47.9
C501	4030016930	S.CER C1005 JB 1A 104K-T	B	80.9/47.5
C502	4030016930	S.CER C1005 JB 1A 104K-T	B	80.9/46.6
C503	4030016930	S.CER C1005 JB 1A 104K-T	B	80.4/45.3
C504	4030016930	S.CER C1005 JB 1A 104K-T	B	81.3/45.3
C505	4030017490	S.CER C1608 JB 1A 105K-T	B	81.0/41.0
C506	4030017460	S.CER C1005 JB 1H 102K-T	B	84.0/39.8
C507	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/39.5
C508	4030017730	S.CER C1005 JB 1H 471K-T	B	146.4/41.2
C509	4030017730	S.CER C1005 JB 1H 471K-T	B	159.8/34.4
C510	4030017730	S.CER C1005 JB 1H 471K-T	B	159.9/41.2
C511	4030017730	S.CER C1005 JB 1H 471K-T	B	146.4/34.4
C512	4030017030	S.CER C1005 JB 1A 273K-T	B	104.8/21.8
C513	4030017630	S.CER C1005 CH 1H 120J-T	B	106.4/29.4
C514	4030017420	S.CER C1005 CH 1H 470J-T	B	157.7/44.6
C515	4030016790	S.CER C1005 JB 1E 103K-T	B	103.6/50.3
C516	4030017580	S.CER C1005 CH 1H 060C-T	B	113.1/31.4
C517	4030016930	S.CER C1005 JB 1A 104K-T	B	102.2/50.8
C518	4030016790	S.CER C1005 JB 1E 103K-T	B	113.4/35.1
C519	4030017640	S.CER C1005 CH 1H 150J-T	B	111.3/31.8
C520	4030016930	S.CER C1005 JB 1A 104K-T	B	105.2/27.1
C521	4030018900	S.CER C1005 JB 0J 474K-T	B	105.0/30.1
C522	4550006480	S.TAN TEESVA 1C 475M8R	B	46.7/33.3
Eqv.	4550007260	S.TAN F931C475MAABMA		
C523	4030017330	S.CER C1005 JF 1C 104Z-T	B	45.0/31.1
C524	4030016790	S.CER C1005 JB 1E 103K-T	B	49.9/29.5
C525	4550006250	S.TAN TEESVA 1A 106M8R	B	49.0/27.8
Eqv.	4550007520	S.TAN F931A106MAABMA		
C526	4030016930	S.CER C1005 JB 1A 104K-T	B	48.9/26.2
C527	4030016930	S.CER C1005 JB 1A 104K-T	B	34.4/30.0
C530	4030017460	S.CER C1005 JB 1H 102K-T	B	34.6/55.4
C531	4550006250	S.TAN TEESVA 1A 106M8R	B	106.6/20.2
Eqv.	4550007520	S.TAN F931A106MAABMA		
C532	4030017460	S.CER C1005 JB 1H 102K-T	B	31.4/45.8
C533	4030017460	S.CER C1005 JB 1H 102K-T	B	45.4/27.1
C534	4030016930	S.CER C1005 JB 1A 104K-T	B	62.1/14.2
C535	4030016930	S.CER C1005 JB 1A 104K-T	B	30.8/49.1
C536	4030017460	S.CER C1005 JB 1H 102K-T	B	161.0/28.5
C537	4030017460	S.CER C1005 JB 1H 102K-T	B	33.6/53.4
C538	4030018860	S.CER C1005 JB 0J 105K-T	B	26.6/49.0
C539	4030017420	S.CER C1005 CH 1H 470J-T	B	154.8/27.7
C540	4510008590	S.ELE EEE1AA101SP	B	36.9/59.5
C541	4030017330	S.CER C1005 JF 1C 104Z-T	B	150.2/20.0
C542	4030017460	S.CER C1005 JB 1H 102K-T	B	139.4/19.9
C544	4550006250	S.TAN TEESVA 1A 106M8R	B	29.7/60.9
Eqv.	4550007520	S.TAN F931A106MAABMA		
C545	4030017420	S.CER C1005 CH 1H 470J-T	B	168.1/28.2
C546	4030017420	S.CER C1005 CH 1H 470J-T	B	137.4/32.4
C547	4030017420	S.CER C1005 CH 1H 470J-T	B	134.3/32.5
C548	4030017460	S.CER C1005 JB 1H 102K-T	B	161.0/27.5
C549	4030017460	S.CER C1005 JB 1H 102K-T	B	44.2/47.5
C551	4030017420	S.CER C1005 CH 1H 470J-T	B	158.1/19.3
C553	4030017420	S.CER C1005 CH 1H 470J-T	B	140.7/17.6
C555	4030018860	S.CER C1005 JB 0J 105K-T	B	148.6/18.0
C556	4030016790	S.CER C1005 JB 1E 103K-T	B	143.2/23.6
C558	4550006480	S.TAN TEESVA 1C 475M8R	B	143.5/22.1
Eqv.	4550007260	S.TAN F931C475MAABMA		
C559	4030017730	S.CER C1005 JB 1H 471K-T	B	166.3/51.1
C560	4030017730	S.CER C1005 JB 1H 471K-T	B	153.1/51.2
C561	4030017730	S.CER C1005 JB 1H 471K-T	B	162.0/47.0
C562	4030017730	S.CER C1005 JB 1H 471K-T	B	147.4/46.7
C563	4030016930	S.CER C1005 JB 1A 104K-T	B	105.2/28.1
C564	4030016930	S.CER C1005 JB 1A 104K-T	B	103.2/28.0
C565	4030016930	S.CER C1005 JB 1A 104K-T	B	44.0/29.9
C566	4030017460	S.CER C1005 JB 1H 102K-T	B	42.9/49.5
C567	4030016930	S.CER C1005 JB 1A 104K-T	B	42.9/50.4
C568	4030017460	S.CER C1005 JB 1H 102K-T	B	67.3/6.6
C569	4550006250	S.TAN TEESVA 1A 106M8R	B	89.7/40.7
Eqv.	4550007520	S.TAN F931A106MAABMA		
C573	4030016930	S.CER C1005 JB 1A 104K-T	B	34.8/23.8
C574	4030016930	S.CER C1005 JB 1A 104K-T	B	62.6/12.0
C575	4510009020	S.ELE EEE0JA331P	B	106.0/11.4
J501	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	26.9/27.6
J502	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	52.9/15.2
J503	6450002210	S.CON 3017-8821 <KIN>		
J504	6510014961	S.CON B2B-ZR-SM4-TF(LF)(SN)	B	18.4/57.1

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
DS500	5030002811	LCD L4-0013TVY-2 <TES>		
DS501	5040002710	LED EMPG3338S		
DS502	5040002720	LED EMVR3338S		
DS503	5040002710	LED EMPG3338S		
DS504	5040002720	LED EMVR3338S		
DS505	5040002310	S.LED SML-311YTT86	T	111.3/43.2
DS506	5040002310	S.LED SML-311YTT86	T	101.3/43.2
DS507	5040002310	S.LED SML-311YTT86	T	91.3/43.2
DS508	5040002310	S.LED SML-311YTT86	T	81.3/43.2
DS509	5040002310	S.LED SML-311YTT86	T	71.3/43.2
DS510	5040002310	S.LED SML-311YTT86	T	61.3/43.2
DS511	5040002150	LED VRPG3349S-734		
DS512	5040002150	LED VRPG3349S-734		
S506	2250000511	ENC RH70N1037E20-13F-2781		
SP501	2510001221	SPE C052SB500-14 <OSC>		
W501	8900011801	CAB OPC-1199A <KN>		
W502	8900017540	CAB OPC-1785		
EP501	8930065150	LCD SRCN-2781-SP-N-W (SHJ)		
EP503	6910019600	SPA LM-5		
EP504	6910019610	SPA LM-7 (SPACER)		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[CONNECT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C601	4030017420	S.CER C1005 CH 1H 470J-T	T	13.8/12.4
C602	4030017400	S.CER C1005 CH 1H 220J-T	T	12.2/12.4
C603	4030017420	S.CER C1005 CH 1H 470J-T	T	16.6/12.4
C604	4030017400	S.CER C1005 CH 1H 220J-T	T	15.0/14.2
C605	4030017420	S.CER C1005 CH 1H 470J-T	T	17.8/13.9
C606	4030017420	S.CER C1005 CH 1H 470J-T	T	19.4/12.4
C607	4030017420	S.CER C1005 CH 1H 470J-T	T	20.6/13.9
C608	4030017420	S.CER C1005 CH 1H 470J-T	T	22.7/12.4
C609	4030017420	S.CER C1005 CH 1H 470J-T	T	25.5/12.4
C610	4030017420	S.CER C1005 CH 1H 470J-T	T	29.7/12.8
C611	4030017420	S.CER C1005 CH 1H 470J-T	T	31.0/14.1
C612	4030017420	S.CER C1005 CH 1H 470J-T	T	32.5/12.8
C613	4030017420	S.CER C1005 CH 1H 470J-T	T	33.6/14.1
C614	4030017420	S.CER C1005 CH 1H 470J-T	T	35.2/14.1
C615	4030017420	S.CER C1005 CH 1H 470J-T	T	35.8/12.8
C616	4030017420	S.CER C1005 CH 1H 470J-T	B	35.2/15.6
C617	4030017420	S.CER C1005 CH 1H 470J-T	T	37.6/13.6
C618	4030017420	S.CER C1005 CH 1H 470J-T	T	39.3/12.2
C619	4030017420	S.CER C1005 CH 1H 470J-T	T	39.9/13.4
C620	4030017420	S.CER C1005 CH 1H 470J-T	T	41.3/12.6
C621	4030017420	S.CER C1005 CH 1H 470J-T	T	27.4/13.9
J601	6510027920	S.CON IMSA-9631S-28Y934	B	22.8/16.2
J602	6510023210	CON CD6125SA1J0 <CVI>		
S1	2260003070	S.SWI MINISMDC150F/24-2 <UDX>	B	38.9/18.0
W601	8900017500	CAB OPC-1852 (P0.5N28L90) <TJM>		

[MAIN-A UNIT] (For [EXP-03] and [CHN-01])

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1-#ZZZB	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.2
IC3	1130010100	S.IC LMX2352TMX/NOPB	B	120.2/43.9
IC4	1130010100	S.IC LMX2352TMX/NOPB	B	28.1/78.9
IC5	1110003491	S.IC TA31136FNG(DEL)	B	70.5/82.5
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4
IC8	1130012910	S.IC AK4554VTP-E2/P	B	36.2/59.9
IC9	1190002080	S.IC AD7476ARTZ-500RL7 <FE>	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK(T5LF)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35.0
IC12	1140013290	S.IC TMS320VC5509AZHH <FE>	B	33.4/37.9
IC13	1180002591	S.REG XC6204B332MR-G	T	81.0/20.3
IC14	1180003271	S.REG R1114Q161D-TR-FE	T	84.4/21.4
IC15	1180002591	S.REG XC6204B332MR-G	T	87.9/21.4
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMCM-G9CT2G	T	41.2/52.8
IC20	1140014550	S.IC HD64F2506RFC26DV(EMPTY)	T	33.5/37.7
IC21	1140012950	S.IC 24LC512T-I/SM <SEI>	T	59.2/21.8
IC22	1150002231	IC RA55H3340M-121		
IC23	1110002751	S.IC TA75S01F(TE85RF)	T	139.3/125.7
IC25	1130008561	S.IC TC75S51F(TE85LF)	B	29.0/16.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.8/70.0
IC27	1180001252	S.IC TA7808F(TE16L1NQ)	T	116.6/84.1
IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85RF)	T	12.0/123.1
IC30	1180000421	S.IC TA78L05F(TE12RF)	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.2/45.2
IC32	1130015620	S.IC EN25Q40-100GIP <MSK>	B	8.9/36.1
IC34	1110005340	S.IC NJM12902V-TE1-#ZZZB	B	12.2/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.3
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4
IC37	1120002830	S.IC NJM2125F-TE1-#FZZB	T	56.7/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180001072	S.IC TA7805F(TE16L1NQ)	T	101.2/24.3
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2
IC41	1180001252	S.IC TA7808F(TE16L1NQ)	B	132.0/16.7
Q1	1590004190	S.TRA DRA9144E0L	B	53.4/79.7
Q2	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	35.0/77.7
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Eqv.	1560001840	S.FET 2SK3107-T1-AT		
Eqv.	1560001860	S.FET 2SK1824-T1-A		
Q4	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	88.8/41.5
Q5	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	33.3/107.5
Q6	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	29.6/101.3
Q7	1530002601	S.TRA 2SC4215-O(TE85RF)	B	73.0/92.5
Q8	1560000541	S.FET 2SK880-Y(T5RICOMF)	B	92.7/47.7
Q9	1560001360	S.FET 2SK3019 TL	B	39.5/104.5
Eqv.	1560001840	S.FET 2SK3107-T1-AT		
Eqv.	1560001860	S.FET 2SK1824-T1-A		
Q10	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	88.8/44.6
Q11	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	29.6/104.4
Q12	1590004190	S.TRA DRA9144E0L	B	65.6/101.6
Q13	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	88.8/47.7
Q14	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	29.6/107.5
Q15	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	92.7/44.6
Q16	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	33.3/104.5
Q19	1530002601	S.TRA 2SC4215-O(TE85RF)	B	63.2/106.9
Q20	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	38.8/123.1
Q21	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	39.6/114.5
Q22	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	94.6/64.3
Q23	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	95.2/55.4
Q24	1530003311	S.TRA 2SC5107-O(TE85RF)	B	100.5/58.6
Q25	1530003311	S.TRA 2SC5107-O(TE85RF)	B	44.9/116.2
Q26	1590004500	S.TRA DMC561040R	B	40.5/117.8
Q27	1590004500	S.TRA DMC561040R	B	96.0/59.6
Q28	1590004350	S.TRA DRC9144E0L	B	93.3/59.6
Q29	1590004350	S.TRA DRC9144E0L	T	57.2/41.9
Q30	1590004350	S.TRA DRC9144E0L	B	37.8/117.8
Q31	1590004190	S.TRA DRA9144E0L	T	57.2/39.8
Q32	1530004110	S.TRA MT3S37T(TE85LF)	B	46.5/109.1
Q33	1530004110	S.TRA MT3S37T(TE85LF)	B	102.1/53.4
Q34	1530003311	S.TRA 2SC5107-O(TE85RF)	B	46.2/123.1
Q35	1530003311	S.TRA 2SC5107-O(TE85RF)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85LF)	B	47.3/136.1
Q37	1530003311	S.TRA 2SC5107-O(TE85RF)	B	132.5/84.6
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829(TE85RF)	B	53.2/140.8
Q40	1590004590	S.TRA DMC506010R	T	101.7/87.4
Q41	1520000460	S.TRA 2SB1132 T100 R	T	101.7/82.8
Eqv.	1520000910	S.TRA 2SB1132L-R-AB3-R <SLVJ>		
Q42	1590004350	S.TRA DRC9144E0L	T	13.3/67.6
Q43	1590004350	S.TRA DRC9144E0L	T	138.8/123.0
Q44	1590004150	S.TRA DRC9114T0L	T	122.9/79.2
Q45	1540000550	S.TRA 2SD1664 T100Q	T	117.1/76.3
Eqv.	1540000770	S.TRA 2SD1664L-Q-AB3-R <SLVJ>		
Q46	1530002851	S.TRA 2SC4116-BL(TE85RF)	T	137.5/120.4
Q48	1510000920	S.TRA 2SA1577 T106 Q	T	101.5/77.8
Q49	1590004350	S.TRA DRC9144E0L	T	102.3/73.7
Q52	1590004350	S.TRA DRC9144E0L	T	10.9/131.7
Q53	1590004350	S.TRA DRC9144E0L	T	10.9/129.7
Q56	1590004710	S.FET TPC6111(TE85LF)	T	7.7/132.7
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590004350	S.TRA DRC9144E0L	T	130.3/102.1
Q59	1590000990	S.TRA DTC363EK T146	T	7.7/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85RF)	T	6.8/118.5
Q62	1530004210	S.TRA DSC7004S0L	T	118.5/18.6
Q63	1560000990	S.FET PMBFJ310 <RYO>	B	66.3/110.0

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount











[MAIN-A UNIT] (For [EXP-03] and [CHN-01])

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists components C253 through C369.

[MAIN-A UNIT] (For [EXP-03] and [CHN-01])

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists components C370 through C464.

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[MAIN-A UNIT] (For [EXP-03] and [CHN-01])

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C465	4550006250	S.TAN TEESVA 1A 106M8R	T	102.7/92.0
Eqv.	4550007520	S.TAN F931A106MAABMA		
C466	4030017420	S.CER C1005 CH 1H 470J-T	T	99.9/88.1
C467	4030016930	S.CER C1005 JB 1A 104K-T	T	62.3/58.5
C468	4030016930	S.CER C1005 JB 1A 104K-T	T	61.8/56.9
C470	4030018860	S.CER C1005 JB 0J 105K-T	T	7.5/122.3
C471	4030016790	S.CER C1005 JB 1E 103K-T	T	6.3/123.6
C472	4030018860	S.CER C1005 JB 0J 105K-T	T	11.0/117.8
C473	4030018860	S.CER C1005 JB 0J 105K-T	T	5.1/118.9
C474	4030017780	S.CER C1005 JB 1H 472K-T	T	115.3/17.6
C475	4510008120	S.ELE 16 CE 100 BS	T	125.1/12.1
C476	4510008120	S.ELE 16 CE 100 BS	T	125.1/19.3
C477	4030017780	S.CER C1005 JB 1H 472K-T	T	119.0/12.3
C478	4030017780	S.CER C1005 JB 1H 472K-T	T	115.3/12.2
C479	4510008120	S.ELE 16 CE 100 BS	T	104.8/14.3
C481	4030017460	S.CER C1005 JB 1H 102K-T	B	63.2/122.2
C491	4030016930	S.CER C1005 JB 1A 104K-T	T	60.4/60.1
C492	4030016930	S.CER C1005 JB 1A 104K-T	B	13.5/32.6
C493	4510008870	S.ELE EEE1AA471UP	B	66.3/45.3
C494	4030016930	S.CER C1005 JB 1A 104K-T	T	117.2/92.7
C495	4030016930	S.CER C1005 JB 1A 104K-T	T	117.2/90.8
C496	4030016930	S.CER C1005 JB 1A 104K-T	T	122.4/92.2
C497	4030016930	S.CER C1005 JB 1A 104K-T	T	109.7/82.1
C498	4030016930	S.CER C1005 JB 1A 104K-T	T	11.5/43.3
C501	4030017420	S.CER C1005 CH 1H 470J-T	T	12.2/31.2
C502	4030017420	S.CER C1005 CH 1H 470J-T	T	29.5/2.8
C503	4030017420	S.CER C1005 CH 1H 470J-T	T	48.0/99.4
C506	4030016930	S.CER C1005 JB 1A 104K-T	B	26.3/43.4
C507	4030016930	S.CER C1005 JB 1A 104K-T	B	32.9/31.0
C508	4030016930	S.CER C1005 JB 1A 104K-T	B	40.2/42.7
C509	4030016930	S.CER C1005 JB 1A 104K-T	B	26.3/39.1
C510	4030016930	S.CER C1005 JB 1A 104K-T	B	26.6/33.0
C511	4030016930	S.CER C1005 JB 1A 104K-T	B	40.1/34.2
C512	4030017420	S.CER C1005 CH 1H 470J-T	T	92.1/14.8
C513	4550006250	S.TAN TEESVA 1A 106M8R	B	8.4/59.8
Eqv.	4550007520	S.TAN F931A106MAABMA		
C514	4030016930	S.CER C1005 JB 1A 104K-T	B	11.7/53.5
C515	4030016930	S.CER C1005 JB 1A 104K-T	B	15.6/54.5
C516	4030016930	S.CER C1005 JB 1A 104K-T	T	65.1/69.6
C517	4030016930	S.CER C1005 JB 1A 104K-T	B	15.6/63.1
C518	4030016930	S.CER C1005 JB 1A 104K-T	B	12.5/62.5
C519	4030017460	S.CER C1005 JB 1H 102K-T	B	15.6/59.9
C521	4030016930	S.CER C1005 JB 1A 104K-T	B	18.1/53.6
C522	4030016930	S.CER C1005 JB 1A 104K-T	T	51.2/31.8
C523	4030016930	S.CER C1005 JB 1A 104K-T	T	51.2/33.0
C524	4030018910	S.CER C1608 JB 0J 475K-T	T	9.5/56.0
C525	4030018910	S.CER C1608 JB 0J 475K-T	B	25.8/58.3
C526	4030017730	S.CER C1005 JB 1H 471K-T	B	29.9/58.0
C527	4030016790	S.CER C1005 JB 1E 103K-T	B	26.1/50.3
C528	4030017670	S.CER C1005 CH 1H 390J-T	B	37.4/120.7
C529	4030017630	S.CER C1005 CH 1H 120J-T	T	38.3/112.2
C530	4030017420	S.CER C1005 CH 1H 470J-T	B	60.5/62.3
C531	4030017670	S.CER C1005 CH 1H 390J-T	B	93.3/62.0
C532	4030017670	S.CER C1005 CH 1H 390J-T	B	93.6/52.9
C533	4510008120	S.ELE 16 CE 100 BS	T	125.1/26.4
C534	4030016790	S.CER C1005 JB 1E 103K-T	T	118.5/26.7
C535	4030016790	S.CER C1005 JB 1E 103K-T	B	67.4/101.6
C536	4030016790	S.CER C1005 JB 1E 103K-T	B	65.7/98.3
C538	4030006860	S.CER C1608 JB 1H 102K-T	T	36.3/145.1
C539	4030017790	S.CER C1005 JB 1H 682K-T	T	22.8/57.0
C540	4030017730	S.CER C1005 JB 1H 471K-T	T	21.2/56.6
C541	4030016930	S.CER C1005 JB 1A 104K-T	T	22.8/55.4
C542	4030017440	S.CER C1005 CH 1H 221J-T	T	27.1/55.0
C543	4030016930	S.CER C1005 JB 1A 104K-T	T	56.5/68.9
C544	4030017460	S.CER C1005 JB 1H 102K-T	T	62.4/72.9
C545	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH)	T	97.6/106.8
C546	4030019460	S.CER C1608 JB 0J 106M-T	B	40.4/56.7
C547	4030017760	S.CER C1005 JB 1H 222K-T	T	53.7/72.1
C548	4030016930	S.CER C1005 JB 1A 104K-T	T	14.1/120.6
C549	4030017420	S.CER C1005 CH 1H 470J-T	T	23.1/86.8
C550	4030017420	S.CER C1005 CH 1H 470J-T	T	70.1/82.6
C551	4030017330	S.CER C1005 JF 1C 104Z-T	T	114.2/28.9
C552	4030016790	S.CER C1005 JB 1E 103K-T	B	121.9/48.8
C553	4030016930	S.CER C1005 JB 1A 104K-T	B	30.8/19.4
C555	4030016930	S.CER C1005 JB 1A 104K-T	B	69.8/75.5
C556	4030016930	S.CER C1005 JB 1A 104K-T	T	105.2/28.6
C557	4030016930	S.CER C1005 JB 1A 104K-T	T	97.0/28.6
C558	4550006250	S.TAN TEESVA 1A 106M8R	T	95.1/27.9
Eqv.	4550007520	S.TAN F931A106MAABMA		
C559	4550007080	S.TAN TEESVA 1C 106M8R	T	45.9/75.5
Eqv.	4550008220	S.TAN F931C106MAA		
C562	4030017420	S.CER C1005 CH 1H 470J-T	T	38.5/76.1
C563	4030016930	S.CER C1005 JB 1A 104K-T	B	26.5/122.3
C564	4030017570	S.CER C1005 CH 1H 040B-T	B	68.3/131.3
C565	4030017340	S.CER C1005 CH 1H 010B-T	B	47.9/113.5
C566	4030018860	S.CER C1005 JB 0J 105K-T	B	39.0/72.7
C571	4030017580	S.CER C1005 CH 1H 060C-T	T	64.6/99.1
C572	4030017580	S.CER C1005 CH 1H 060C-T	T	65.6/99.1
C573	4030017580	S.CER C1005 CH 1H 060C-T	T	65.3/97.4
C574	4030017580	S.CER C1005 CH 1H 060C-T	B	64.0/134.7
C575	4030017420	S.CER C1005 CH 1H 470J-T	B	62.9/132.4
C576	4030017460	S.CER C1005 JB 1H 102K-T	T	67.1/106.5
C577	4030017460	S.CER C1005 JB 1H 102K-T	T	67.1/104.9
C578	4030019420	S.CER GRM31A7U2J102JW31D	T	92.0/126.0
C579	4550006250	S.TAN TEESVA 1A 106M8R	B	94.7/50.6
Eqv.	4550007520	S.TAN F931A106MAABMA		
C580	4030017420	S.CER C1005 CH 1H 470J-T	T	100.7/73.5
C581	4030018910	S.CER C1608 JB 0J 475K-T	B	46.2/60.9

[MAIN-A UNIT] (For [EXP-03] and [CHN-01])

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C582	4030018910	S.CER C1608 JB 0J 475K-T	T	69.7/98.2
C583	4030016930	S.CER C1005 JB 1A 104K-T	B	46.3/58.6
C584	4030016790	S.CER C1005 JB 1E 103K-T	B	54.9/55.3
C585	4030016930	S.CER C1005 JB 1A 104K-T	B	54.9/58.6
C586	4030017730	S.CER C1005 JB 1H 471K-T	B	54.9/56.9
C587	4030016790	S.CER C1005 JB 1E 103K-T	B	52.3/59.8
C588	4030018910	S.CER C1608 JB 0J 475K-T	T	70.9/98.2
C601	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH)	T	97.6/111.3
C610	4030018080	S.CER C1005 JB 1H 182K-T	T	63.3/69.6
C612	4030017460	S.CER C1005 JB 1H 102K-T	B	55.7/29.9
C614	4030017730	S.CER C1005 JB 1H 471K-T	B	29.0/13.2
C615	4030017370	S.CER C1005 CH 1H 3R5B-T	B	63.2/117.5
C616	4030017460	S.CER C1005 JB 1H 102K-T	T	93.8/64.6
C617	4030017420	S.CER C1005 CH 1H 470J-T	T	60.0/64.8
C618	4030017420	S.CER C1005 CH 1H 470J-T	T	64.9/53.3
C619	4030017420	S.CER C1005 CH 1H 470J-T	T	74.2/107.7
C620	4030017420	S.CER C1005 CH 1H 470J-T	T	73.7/96.8
C621	4030017420	S.CER C1005 CH 1H 470J-T	T	31.5/2.8
C622	4030018910	S.CER C1608 JB 0J 475K-T	T	64.3/73.2
C623	4030017330	S.CER C1005 JF 1C 104Z-T	B	126.8/16.0
C624	4030017330	S.CER C1005 JF 1C 104Z-T	B	126.3/20.3
C625	4030017460	S.CER C1005 JB 1H 102K-T	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23.0
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
C638	4030019120	S.CER GRM188B31E105KA75D	T	13.0/133.5
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	14.8/15.6
J4	6510023512	S.CON 28FLT-SM2-TB(LF)(SN)(M)	T	70.9/102.1
J5	6510023110	CON 3008L-8P8C <KIN>		
J6	6450000140	CON HSJ0807-01-010		
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	59.1/15.7
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.7/14.3
J10	6510004910	CON NR-DS-E 01 <SSC>		
J11	6510004910	CON NR-DS-E 01 <SSC>		
DS1	5040002961	S.LED SML-A12MT T86J	B	96.0/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126.0/1.1
DS3	5040003001	S.LED SML-A12UT T86J	B	111.0/1.1
MF1	2710000870	FAN AFB0512HB-7X22 <USE>HK		
W1	7030012290	JUM RDS2TOR0		
W2	7030012290	JUM RDS2TOR0		
W4	8900017520	CAB OPC-1783		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	30.5/60.6
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39.0/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109.0
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.9/39.4
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount



[MAIN-B UNIT] (For [DPM-01], [DPM-02])

Table with 5 columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains part lists for the [MAIN-B UNIT] (For [DPM-01], [DPM-02]).

[MAIN-B UNIT] (For [DPM-01], [DPM-02])

Table with 5 columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains part lists for the [MAIN-B UNIT] (For [DPM-01], [DPM-02]).

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount











[MAIN-B UNIT] (For [DPM-01], [DPM-02])

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C581	4030018910	S.CER C1608 JB 0J 475K-T	B	46.2/60.9
C582	4030018910	S.CER C1608 JB 0J 475K-T	T	69.7/98.2
C583	4030016930	S.CER C1005 JB 1A 104K-T	B	46.3/58.6
C584	4030016790	S.CER C1005 JB 1E 103K-T	B	54.9/55.3
C585	4030016930	S.CER C1005 JB 1A 104K-T	B	54.9/58.6
C586	4030017730	S.CER C1005 JB 1H 471K-T	B	54.9/56.9
C587	4030016790	S.CER C1005 JB 1E 103K-T	B	52.3/59.8
C588	4030018910	S.CER C1608 JB 0J 475K-T	T	70.9/98.2
C601	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH)	T	97.6/111.3
C610	4030018080	S.CER C1005 JB 1H 182K-T	T	63.3/69.6
C612	4030017460	S.CER C1005 JB 1H 102K-T	B	55.7/29.9
C614	4030017730	S.CER C1005 JB 1H 471K-T	B	29.0/13.2
C615	4030017650	S.CER C1005 CH 1H 270J-T	B	63.2/117.5
C616	4030017460	S.CER C1005 JB 1H 102K-T	T	93.8/64.6
C617	4030017420	S.CER C1005 CH 1H 470J-T	T	60.0/64.8
C618	4030017420	S.CER C1005 CH 1H 470J-T	T	64.9/53.3
C619	4030017420	S.CER C1005 CH 1H 470J-T	T	74.2/107.7
C620	4030017420	S.CER C1005 CH 1H 470J-T	T	73.7/96.8
C621	4030017420	S.CER C1005 CH 1H 470J-T	T	31.5/2.8
C622	4030019560	S.CER GRM21BB31C106KE15L	T	64.5/73.4
C623	4030017330	S.CER C1005 JF 1C 104Z-T	B	126.8/16.0
C624	4030017330	S.CER C1005 JF 1C 104Z-T	B	126.3/20.3
C625	4030017460	S.CER C1005 JB 1H 102K-T	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23.0
C630	4030017420	S.CER C1005 CH 1H 470J-T	T	106.4/106.8
C631	4030017580	S.CER C1005 CH 1H 060C-T	T	113.5/108.3
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
C638	4030019120	S.CER GRM188B31E105KA75D	T	13.0/133.5
C645	4030016930	S.CER C1005 JB 1A 104K-T	T	57.2/46.7
C652	4030016930	S.CER C1005 JB 1A 104K-T	B	33.9/59.0
C653	4030019560	S.CER GRM21BB31C106KE15L	B	31.9/59.9
C656	4030016930	S.CER C1005 JB 1A 104K-T	B	34.8/62.1
C657	4030019560	S.CER GRM21BB31C106KE15L	T	35.6/64.8
C658	4030016930	S.CER C1005 JB 1A 104K-T	B	36.8/63.4
C659	4030019560	S.CER GRM21BB31C106KE15L	B	30.1/62.3
C660	4030016930	S.CER C1005 JB 1A 104K-T	B	38.9/63.3
C661	4030019560	S.CER GRM21BB31C106KE15L	B	43.2/62.7
C662	4030017490	S.CER C1608 JB 1A 105K-T	T	75.0/15.6
C663	4030017490	S.CER C1608 JB 1A 105K-T	T	69.9/15.6
C664	4030017490	S.CER C1608 JB 1A 105K-T	T	74.4/24.2
C665	4030017490	S.CER C1608 JB 1A 105K-T	T	69.9/24.2
C666	4550006250	S.TAN TEESVA 1A 106M8R	T	76.7/15.3
Eqv.	4550007520	S.TAN F931A106MAABMA		
C667	4550006250	S.TAN TEESVA 1A 106M8R	T	71.6/15.2
Eqv.	4550007520	S.TAN F931A106MAABMA		
C668	4550006250	S.TAN TEESVA 1A 106M8R	T	76.1/25.0
Eqv.	4550007520	S.TAN F931A106MAABMA		
C669	4550006250	S.TAN TEESVA 1A 106M8R	T	71.6/25.0
Eqv.	4550007520	S.TAN F931A106MAABMA		
C670	4030016930	S.CER C1005 JB 1A 104K-T	B	44.2/34.2
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	15.1/15.6
J4	6510023512	S.CON 28FLT-SM2-TB(LF)(SN)(M)	T	70.9/102.1
J5	6510023110	CON 3008L-8P8C <KIN>		
J6	6450000140	CON HSJ0807-01-010		
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	58.9/15.7
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.7/14.3
J10	6510004910	CON NR-DS-E 01 <SSC>		
J11	6510004910	CON NR-DS-E 01 <SSC>		
J12	6510025970	S.CON 41-002AA-R <MRF>	T	58.7/44.6
DS1	5040002961	S.LED SML-A12MT T86J	B	96.0/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126.0/1.1
DS3	5040003001	S.LED SML-A12UT T86J	B	111.0/1.1
MF1	2710000870	FAN AFB0512HB-7X22 <USE>HK		
W1	7030012290	JUM RDS2T0R0		
W2	7030012290	JUM RDS2T0R0		
W4	8900017520	CAB OPC-1783		
W5	8900020500	CAB OPC-2249 <WSE>		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	28.7/62.0
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39.0/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109.0
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.9/39.4
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		
EP16	6910023420	S.BEA MMZ1005A222ET	B	44.0/60.4

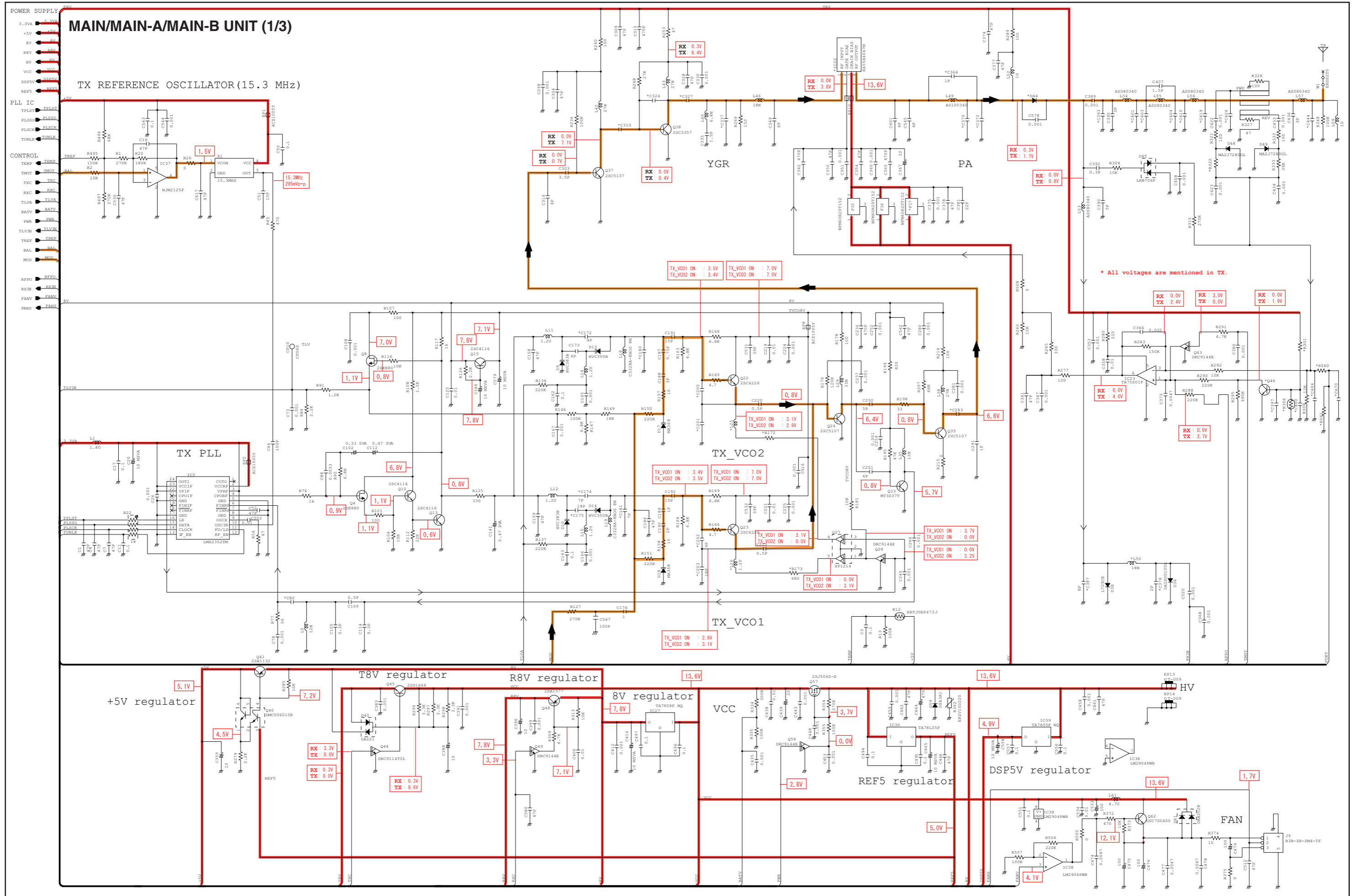
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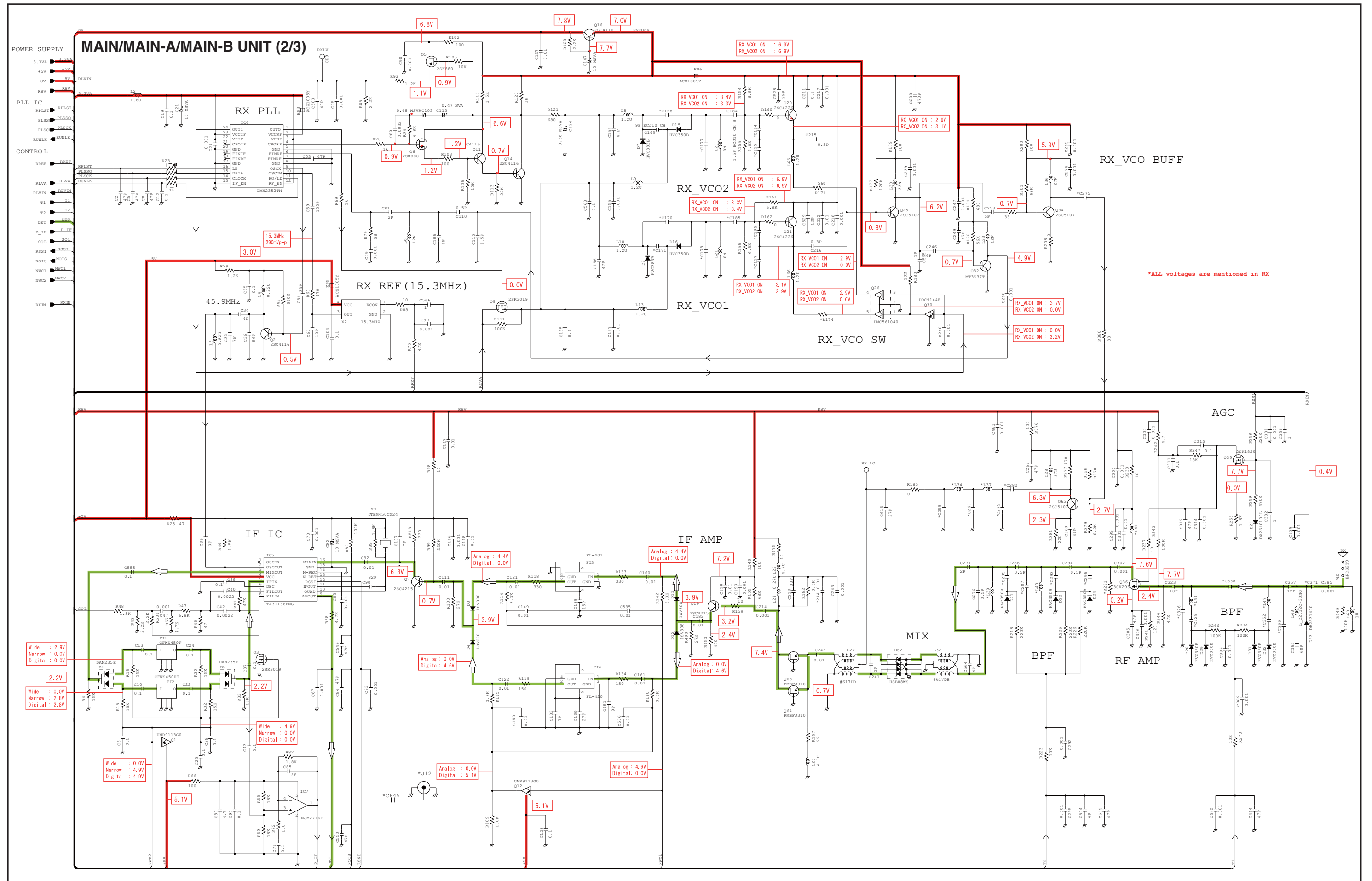
REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
EP1	(Optional)	UNI UR-PA60001		

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

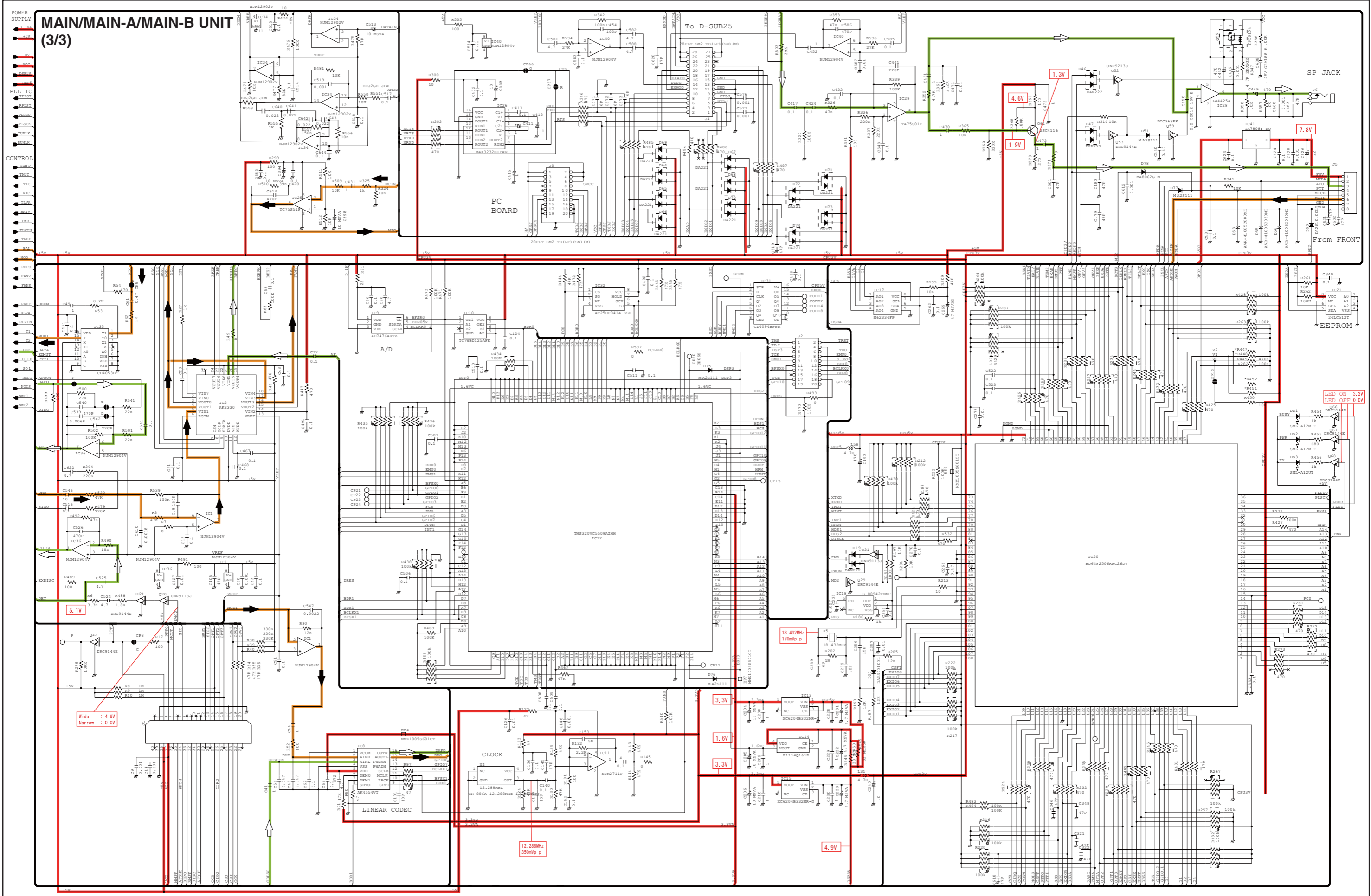
# VOLTAGE DIAGRAM





\*ALL voltages are mentioned in RX

\*; Refer to "PARTS LIST"



\*; Refer to "PARTS LIST."





# SERVICE MANUAL ADDENDUM

**IC-FR6000 IC-FR6100 IC-FR6000-L IC-FR6100H**

## CONTENTS

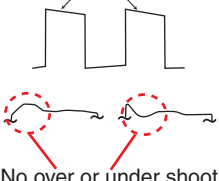
REPLACEMENT PAGE ..... 6-7  
 PARTS LIST ..... 1  
 VOLTAGE DIAGRAM ..... 28

### [VERSION LIST]

MODEL	VERSION	FREQUENCY RANGE	CHANNEL SPACING	TX POWER
IC-FR6000	USA-01	400-470 MHz	6.25/12.5/25.0 kHz	50 W
	USA-02	450-512 MHz		
	EXP-01	400-470 MHz	12.5/25.0 kHz	
	EXP-02	450-520 MHz		
	EXP-03	350-400 MHz	6.25/12.5/25.0 kHz	
	DPM-03	400-470 MHz		
IC-FR6000-L	CHN-01	350-400 MHz	6.25/12.5/25.0 kHz	50 W
IC-FR6100	CHN-02	400-470 MHz		
	EUR-01		6.25/12.5/20.0/25.0	25 W
	DPM-01			
	DPM-02			
IC-FR6100H	DPM-01			50 W

### 6-3 TRANSMIT ADJUSTMENT

- 1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.
- 2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE	
<b>TX Output Power -Preparation-</b>	1	• Connect an RF power meter to the TX antenna connector.	-	-	
<b>-Adjust- (Hi Power)</b>	2	• CH. : 1-6 • Transmitting	1) While transmitting, set the power supply voltage as; [EUR-01], [DPM-01], [DPM-02] : 13.2 V Other than above versions : 13.6 V 2) Adjust the TX output power using [←] / [→] keys of the PC's keyboard. 3) Push the [ENTER] key to store the adjust value.	[Power(Hi)]	50 W [50 W ver.] 25 W [25 W ver.] 5.0 W*
<b>(L2 Power)</b>	3	• CH. : 1-7 • Transmitting		[Power(L2)]	25 W [50 W ver.] 10 W [25 W ver.] 5.0 W*
<b>(L1 Power)</b>	4	• CH. : 1-8 • Transmitting		[Power(L1)]	5 W [50 W ver.] 2.5 W [25 W ver.] 5.0 W*
<b>MODULATION BALANCE -Preparation-</b>	1	1) Connect a modulation analyzer to the TX antenna connector through an attenuator. 2) Set the modulation analyzer as; HPF : OFF LPF : 20 kHz De-emphasis : OFF Detector : (P-P)/2	-	-	
	2	• Set the item [TX Mode] to "2."	[TX Mode]	"2"	
<b>-Adjust- (VCO 1)</b>	3	• CH. : 1-9 • Transmitting	1) Adjust the wave form using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[BAL]	As flat as possible.
<b>(VCO 2)</b>	4	• CH. : 1-10 • Transmitting		[BAL Offset (High)]	 No over or under shoot.
<b>DIGITAL DEVIATION -Preparation-</b>	1	• Set the item [TX Mode] to "16."	[TX Mode]	"16"	
	2	1) Connect a modulation analyzer to the TX antenna connector through an attenuator. 2) Set the modulation analyzer as; HPF : OFF LPF : 20 kHz De-emphasis : OFF Detector : (P-P)/2	-	-	
<b>-Adjust- (Band 1)</b>	3	• CH. : 1-11 • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[MOD (Digital)]	±1.35 to ±1.39 kHz
<b>(Band 2)</b>	4	• CH. : 1-12 • Transmitting		[MOD Slant Band 0]	
<b>(Band 3)</b>	5	• CH. : 1-13 • Transmitting		[MOD Slant Band 1]	
<b>(Band 4)</b>	6	• CH. : 1-14 • Transmitting		[MOD Slant Band 2]	
<b>(Band 5)</b>	7	• CH. : 1-15 • Transmitting		[MOD Offset (High)]	
<b>(Band 6)</b>	8	• CH. : 1-16 • Transmitting		[MOD Slant Band 3]	
<b>(Band 7)</b>	9	• CH. : 1-17 • Transmitting		[MOD Slant Band 4]	
<b>(Band 8)</b>	10	• CH. : 1-18 • Transmitting		[MOD Slant Band 5]	

\*; For IC-FR6100H.

# PARTS LIST

## [UNIT LIST]

MODEL	VERSION	MAIN UNIT	MAIN-A UNIT	MAIN-B UNIT
IC-FR6000	USA-01	O	-	-
	USA-02	O	-	-
	EXP-01	O	-	-
	EXP-02	O	-	-
	EXP-03	-	O	-
	DPM-03	O	-	-
IC-FR6000-L	CHN-01	-	O	-
IC-FR6100	CHN-02	O	-	-
	EUR-01	O	-	-
	DPM-01	O	-	-
	DPM-02	-	-	O
IC-FR6100H	DPM-01	-	-	O

## [MAIN UNIT] (For all models except the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION	
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.2	
IC3	1130010100	S.IC LMX2352TMX/NOPB	B	120.2/43.9	
IC4	1130010100	S.IC LMX2352TMX/NOPB	B	28.1/78.9	
IC5	1110003491	S.IC TA31136FNG(DEL)	B	70.5/82.5	
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4	
IC9	1190002080	S.IC AD7476ARTZ-500RL7 <FE>	B	49.6/46.4	
IC10	1130013040	S.IC TC7WBD125AFK(T5LF)	B	46.6/49.2	
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35.0	
IC12	1140013290	S.IC TMS320VC5509AZHH <FE>	B	33.4/37.9	
IC13	1180002591	S.REG XC6204B332MR-G	T	81.0/20.4	
IC14	1180003271	S.REG R1114Q161D-TR-FE	T	84.4/21.4	
IC15	1180002591	S.REG XC6204B332MR-G	T	87.9/21.4	
IC17	1190001340	S.IC M62334FP 600C	T	67.9/61.7	
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.2/52.8	
IC20	1140014550	S.IC HD64F2506RFC26DV(EMPTY)	T	33.5/37.7	
IC21	1140012950	S.IC 24LC512T-I/SM <SEI>	T	59.2/21.8	
IC22	1150002211	IC RA55H4047M-121	[USA-01]		
	1150002211	IC RA55H4047M-121	[EXP-01]		
	1150002211	IC RA55H4047M-121	[CHN-02]		
	1150002221	IC RA55H4452M-121	[USA-02]		
	1150002221	IC RA55H4452M-121	[EXP-02]		
	1150002092	IC RA30H4047M-121	[EUR-01]		
	1150002092	IC RA30H4047M-121	[DPM-01]		
	1150002211	IC RA55H4047M-121	[DPM-03]		
	IC23	1110002751	S.IC TA75S01F(TE85RF)	T	139.3/125.7
	IC25	1130008561	S.IC TC75S51F(TE85LF)	B	29.0/16.3
	IC26	1120003070	S.IC MAX3232EIPWR	T	42.8/70.0
	IC27	1180001252	S.IC TA7808F(TE16L1NQ)	T	116.6/84.1
	IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85RF)	T	12.0/123.1	
IC30	1180000421	S.IC TA78L05F(TE12RF)	T	114.1/91.8	
IC31	1130011760	S.IC CD4094BPWR	T	8.2/45.2	
IC32	1130015620	S.IC EN25Q40-100GIP <MSK>	B	8.9/36.1	
IC34	1110005340	S.IC NJM12902V-TE1-#ZZZB	B	12.3/58.2	
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.3	
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4	
IC37	1120002830	S.IC NJM2125F-TE1-#FZZB	T	56.7/66.7	
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8	
IC39	1180001072	S.IC TA7805F(TE16L1NQ)	T	101.2/24.3	
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2	
IC41	1180001252	S.IC TA7808F(TE16L1NQ)	B	132.0/16.7	
Q1	1590003231	S.TRA UNR9113G0L	[USA-01]		
	1590003231	S.TRA UNR9113G0L	[EXP-01]		
	1590003231	S.TRA UNR9113G0L	[CHN-02]		
	1590003231	S.TRA UNR9113G0L	[USA-02]		
	1590003231	S.TRA UNR9113G0L	[EXP-02]		
	1590003231	S.TRA UNR9113G0L	[EUR-01]		
	1590003231	S.TRA UNR9113G0L	[DPM-01]		
	1590004190	S.TRA DRA9144EOL	[DPM-03]		
	Q2	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	35.0/77.7
	Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
	Eqv.	1560001840	S.FET 2SK3107-T1-AT		
	Eqv.	1560001860	S.FET 2SK1824-T1-A		
	Q4	1560000541	S.FET 2SK880-Y(T5R1COMF)	B	88.8/41.5
Q5	1560000541	S.FET 2SK880-Y(T5R1COMF)	B	33.3/107.5	
Q6	1560000541	S.FET 2SK880-Y(T5R1COMF)	B	29.6/101.3	
Q7	1530002601	S.TRA 2SC4215-O(TE85RF)	B	73.0/92.5	
Q8	1560000541	S.FET 2SK880-Y(T5R1COMF)	B	92.7/47.7	
Q9	1560001360	S.FET 2SK3019 TL	B	39.5/104.5	
Eqv.	1560001840	S.FET 2SK3107-T1-AT			
Eqv.	1560001860	S.FET 2SK1824-T1-A			
Q10	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	88.8/44.6	
Q11	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	29.6/104.4	
Q12	1590003231	S.TRA UNR9113G0L	[USA-01]		
	1590003231	S.TRA UNR9113G0L	[EXP-01]		
	1590003231	S.TRA UNR9113G0L	[CHN-02]		
	1590003231	S.TRA UNR9113G0L	[USA-02]		
	1590003231	S.TRA UNR9113G0L	[EXP-02]		
	1590003231	S.TRA UNR9113G0L	[EUR-01]		
	1590003231	S.TRA UNR9113G0L	[DPM-01]		
	1590004190	S.TRA DRA9144EOL	[DPM-03]		
	Q13	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	88.8/47.7
	Q14	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	29.6/107.5
	Q15	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	92.7/44.6
	Q16	1530002851	S.TRA 2SC4116-BL(TE85RF)	B	33.3/104.5
	Q19	1530002601	S.TRA 2SC4215-O(TE85RF)	B	63.2/106.9
Q20	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	38.8/123.1	
Q21	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	39.6/114.5	
Q22	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	94.6/64.3	
Q23	1530002921	S.TRA 2SC4226-T1 Y25 (R25)	B	95.2/55.4	
Q24	1530003311	S.TRA 2SC5107-O(TE85RF)	B	100.5/58.6	
Q25	1530003311	S.TRA 2SC5107-O(TE85RF)	B	44.9/116.2	
Q26	1590001400	S.TRA XP1214(TX)	[USA-01]		
	1590001400	S.TRA XP1214(TX)	[EXP-01]		
	1590001400	S.TRA XP1214(TX)	[CHN-02]		
	1590001400	S.TRA XP1214(TX)	[USA-02]		
	1590001400	S.TRA XP1214(TX)	[EXP-02]		
	1590001400	S.TRA XP1214(TX)	[EUR-01]		
	1590001400	S.TRA XP1214(TX)	[DPM-01]		
	1590004500	S.TRA DMC561040R	[DPM-03]		

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

**[MAIN UNIT] (For all models except the IC-FR6000-L)**

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
Q27	1590001400	S.TRA XP1214(TX) [USA-01]	B	96.0/59.6
	1590001400	S.TRA XP1214(TX) [EXP-01]		
	1590001400	S.TRA XP1214(TX) [CHN-02]		
	1590001400	S.TRA XP1214(TX) [USA-02]		
	1590001400	S.TRA XP1214(TX) [EXP-02]		
	1590001400	S.TRA XP1214(TX) [EUR-01]		
	1590001400	S.TRA XP1214(TX) [DPM-01]		
	1590004500	S.TRA DMC561040R [DPM-03]		
Q28	1590003291	S.TRA UNR9213G0L [USA-01]	B	93.3/59.6
	1590003291	S.TRA UNR9213G0L [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003291	S.TRA UNR9213G0L [USA-02]		
	1590003291	S.TRA UNR9213G0L [EXP-02]		
	1590003291	S.TRA UNR9213G0L [EUR-01]		
	1590003291	S.TRA UNR9213G0L [DPM-01]		
	1590004350	S.TRA DRC9144E0L [DPM-03]		
Q29	1590003291	S.TRA UNR9213G0L [USA-01]	T	57.2/41.9
	1590003291	S.TRA UNR9213G0L [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003291	S.TRA UNR9213G0L [USA-02]		
	1590003291	S.TRA UNR9213G0L [EXP-02]		
	1590003291	S.TRA UNR9213G0L [EUR-01]		
	1590003291	S.TRA UNR9213G0L [DPM-01]		
	1590004350	S.TRA DRC9144E0L [DPM-03]		
Q30	1590003291	S.TRA UNR9213G0L [USA-01]	B	37.8/117.8
	1590003291	S.TRA UNR9213G0L [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003291	S.TRA UNR9213G0L [USA-02]		
	1590003291	S.TRA UNR9213G0L [EXP-02]		
	1590003291	S.TRA UNR9213G0L [EUR-01]		
	1590003291	S.TRA UNR9213G0L [DPM-01]		
	1590004350	S.TRA DRC9144E0L [DPM-03]		
Q31	1590003231	S.TRA UNR9113G0L [USA-01]	T	57.2/39.8
	1590003231	S.TRA UNR9113G0L [EXP-01]		
	1590003231	S.TRA UNR9113G0L [CHN-02]		
	1590003231	S.TRA UNR9113G0L [USA-02]		
	1590003231	S.TRA UNR9113G0L [EXP-02]		
	1590003231	S.TRA UNR9113G0L [EUR-01]		
	1590003231	S.TRA UNR9113G0L [DPM-01]		
	1590004190	S.TRA DRA9144E0L [DPM-03]		
Q32	1530004110	S.TRA MT3S37T(TE85LF)	B	46.5/109.1
Q33	1530004110	S.TRA MT3S37T(TE85LF)	B	102.1/53.4
Q34	1530003311	S.TRA 2SC5107-O(TE85RF)	B	46.2/123.1
Q35	1530003311	S.TRA 2SC5107-O(TE85RF)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85LF)	B	47.3/136.1
Q37	1530003311	S.TRA 2SC5107-O(TE85RF)	B	132.5/84.6
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829(TE85RF)	B	53.2/140.8
Q40	1590001190	S.TRA XP6501-(TX).AB [USA-01]	T	101.7/87.4
	1590001190	S.TRA XP6501-(TX).AB [EXP-01]		
	1590001190	S.TRA XP6501-(TX).AB [CHN-02]		
	1590001190	S.TRA XP6501-(TX).AB [USA-02]		
	1590001190	S.TRA XP6501-(TX).AB [EXP-02]		
	1590001190	S.TRA XP6501-(TX).AB [EUR-01]		
	1590001190	S.TRA XP6501-(TX).AB [DPM-01]		
	1590004590	S.TRA DMC506010R [DPM-03]		
Q41	1520000460	S.TRA 2SB1132 T100 R	T	101.7/82.8
Eqv.	1520000910	S.TRA 2SB1132L-R-AB3-R <SLVJ>		
Q42	1590003291	S.TRA UNR9213G0L [USA-01]	T	13.3/67.6
	1590003291	S.TRA UNR9213G0L [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003291	S.TRA UNR9213G0L [USA-02]		
	1590003291	S.TRA UNR9213G0L [EXP-02]		
	1590003291	S.TRA UNR9213G0L [EUR-01]		
	1590003291	S.TRA UNR9213G0L [DPM-01]		
	1590004350	S.TRA DRC9144E0L [DPM-03]		
Q43	1590003291	S.TRA UNR9213G0L [USA-01]	T	138.8/123.0
	1590003291	S.TRA UNR9213G0L [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003291	S.TRA UNR9213G0L [USA-02]		
	1590003291	S.TRA UNR9213G0L [EXP-02]		
	1590003291	S.TRA UNR9213G0L [EUR-01]		
	1590003291	S.TRA UNR9213G0L [DPM-01]		
	1590004350	S.TRA DRC9144E0L [DPM-03]		
Q44	1590004150	S.TRA DRC9114T0L	T	122.9/79.2
Q45	1540000550	S.TRA 2SD1664 T100Q	T	117.1/76.3
Eqv.	1540000770	S.TRA 2SD1664L-Q-AB3-R <SLVJ>		
Q46	1530002851	S.TRA 2SC4116-BL(TE85RF)	T	137.5/120.4
Q48	1510000920	S.TRA 2SA1577 T106 Q	T	101.5/77.8
Q49	1590003291	S.TRA UNR9213G0L [USA-01]	T	102.3/73.7
	1590003291	S.TRA UNR9213G0L [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003291	S.TRA UNR9213G0L [USA-02]		
	1590003291	S.TRA UNR9213G0L [EXP-02]		
	1590003291	S.TRA UNR9213G0L [EUR-01]		
	1590003291	S.TRA UNR9213G0L [DPM-01]		
	1590004350	S.TRA DRC9144E0L [DPM-03]		

**[MAIN UNIT] (For all models except the IC-FR6000-L)**

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
Q52	1590003291	S.TRA UNR9213G0L [USA-01]	T	10.9/131.7
	1590003291	S.TRA UNR9213G0L [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003291	S.TRA UNR9213G0L [USA-02]		
	1590003291	S.TRA UNR9213G0L [EXP-02]		
	1590003291	S.TRA UNR9213G0L [EUR-01]		
	1590003291	S.TRA UNR9213G0L [DPM-01]		
	1590004350	S.TRA DRC9144E0L [DPM-03]		
Q53	1590003291	S.TRA UNR9213G0L [USA-01]	T	10.9/129.7
	1590003291	S.TRA UNR9213G0L [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003291	S.TRA UNR9213G0L [USA-02]		
	1590003291	S.TRA UNR9213G0L [EXP-02]		
	1590003291	S.TRA UNR9213G0L [EUR-01]		
	1590003291	S.TRA UNR9213G0L [DPM-01]		
	1590004350	S.TRA DRC9144E0L [DPM-03]		
Q56	1590004710	S.FET TPC6111(TE85LF)	T	7.7/132.7
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590003291	S.TRA UNR9213G0L [USA-01]	T	130.3/102.1
	1590003291	S.TRA UNR9213G0L [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003291	S.TRA UNR9213G0L [USA-02]		
	1590003291	S.TRA UNR9213G0L [EXP-02]		
	1590003291	S.TRA UNR9213G0L [EUR-01]		
	1590003291	S.TRA UNR9213G0L [DPM-01]		
	1590004350	S.TRA DRC9144E0L [DPM-03]		
Q59	1590000990	S.TRA DTC363EK T146	T	7.7/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85RF)	T	6.8/118.5
Q62	1530004210	S.TRA DSC7004S0L	T	118.5/18.6
Q63	1560000990	S.FET PMBFJ310 <RYO>	B	66.3/110.0
Q64	1560000990	S.FET PMBFJ310 <RYO>	B	63.3/110.0
Q65	1530003311	S.TRA 2SC5107-O(TE85RF)	B	59.6/123.7
Q66	1590003291	S.TRA UNR9213G0L [USA-01]	B	95.0/4.8
	1590003291	S.TRA UNR9213G0L [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003291	S.TRA UNR9213G0L [USA-02]		
	1590003291	S.TRA UNR9213G0L [EXP-02]		
	1590003291	S.TRA UNR9213G0L [EUR-01]		
	1590003291	S.TRA UNR9213G0L [DPM-01]		
	1590004350	S.TRA DRC9144E0L [DPM-03]		
Q67	1590003291	S.TRA UNR9213G0L [USA-01]	B	125.0/4.7
	1590003291	S.TRA UNR9213G0L [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003291	S.TRA UNR9213G0L [USA-02]		
	1590003291	S.TRA UNR9213G0L [EXP-02]		
	1590003291	S.TRA UNR9213G0L [EUR-01]		
	1590003291	S.TRA UNR9213G0L [DPM-01]		
	1590004350	S.TRA DRC9144E0L [DPM-03]		
Q68	1590003291	S.TRA UNR9213G0L [USA-01]	B	110.0/4.7
	1590003291	S.TRA UNR9213G0L [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003291	S.TRA UNR9213G0L [USA-02]		
	1590003291	S.TRA UNR9213G0L [EXP-02]		
	1590003291	S.TRA UNR9213G0L [EUR-01]		
	1590003291	S.TRA UNR9213G0L [DPM-01]		
	1590004350	S.TRA DRC9144E0L [DPM-03]		
Q69	1590003291	S.TRA UNR9213G0L [USA-01]	T	9.5/53.3
	1590003291	S.TRA UNR9213G0L [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003291	S.TRA UNR9213G0L [USA-02]		
	1590003291	S.TRA UNR9213G0L [EXP-02]		
	1590003291	S.TRA UNR9213G0L [EUR-01]		
	1590003291	S.TRA UNR9213G0L [DPM-01]		
	1590004350	S.TRA DRC9144E0L [DPM-03]		
Q70	1590003291	S.TRA UNR9213G0L [USA-01]	T	9.5/51.0
	1590003231	S.TRA UNR9113G0L [EXP-01]		
	1590003231	S.TRA UNR9113G0L [CHN-02]		
	1590003231	S.TRA UNR9113G0L [USA-02]		
	1590003231	S.TRA UNR9113G0L [EXP-02]		
	1590003231	S.TRA UNR9113G0L [EUR-01]		
	1590003231	S.TRA UNR9113G0L [DPM-01]		
	1590004190	S.TRA DRA9144E0L [DPM-03]		
D1	1750001070	S.DIO DAN235ETL	B	57.3/78.6
Eqv.	1750002470	S.DIO KDS112E-RTK/P		
D2	1750001070	S.DIO DAN235ETL	B	50.0/79.7
Eqv.	1750002470	S.DIO KDS112E-RTK/P		
D3	1790001621	S.DIO 1SV308(TPL3F)	B	70.4/93.4
D4	1790001621	S.DIO 1SV308(TPL3F)	B	67.8/93.4
D7	1750001150	S.VAR HVC383BTRF-E	B	30.8/122.3
D8	1750001150	S.VAR HVC383BTRF-E	B	30.6/112.7
D9	1750001150	S.VAR HVC383BTRF-E	B	85.6/63.5
D10	1750001150	S.VAR HVC383BTRF-E	B	85.7/53.3
D11	1790001621	S.DIO 1SV308(TPL3F)	B	63.5/103.1
D12	1790001621	S.DIO 1SV308(TPL3F)	B	62.7/101.1
D13	1750000711	S.VAR HVC350BTRF-E	B	87.3/66.8
D14	1750000711	S.VAR HVC350BTRF-E	B	87.1/55.4
D15	1750000711	S.VAR HVC350BTRF-E	B	32.6/125.4
D16	1750000711	S.VAR HVC350BTRF-E	B	32.0/114.5
D17	1720000570	S.VAR MA368(TX)	B	94.6/66.6
D18	1720000570	S.VAR MA368(TX)	B	91.4/57.7
D19	1750000520	S.DIO DAN222TL	T	59.6/39.8
D20	1790001261	S.DIO MA2S077G0L	T	39.0/57.9
D21	1750000711	S.VAR HVC350BTRF-E	B	66.1/135.8
D22	1750000711	S.VAR HVC350BTRF-E	B	62.9/135.8
D24	1750000711	S.VAR HVC350BTRF-E	B	56.1/135.9

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[MAIN UNIT] (For all models except the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION		
D27	1790001251	S.DIO MA2S1110GL [USA-01]	B	57.2/140.4		
	1790001251	S.DIO MA2S1110GL [EXP-01]				
	1790001251	S.DIO MA2S1110GL [CHN-02]				
	1790001251	S.DIO MA2S1110GL [USA-02]				
	1790001251	S.DIO MA2S1110GL [EXP-02]				
	1790001251	S.DIO MA2S1110GL [EUR-01]				
	1790001251	S.DIO MA2S1110GL [DPM-01]				
	1750002020	S.DIO DA2S10100L [DPM-03]				
	D28	1750000711	S.VAR HVC350BTRF-E		B	36.0/134.4
	D29	1750000711	S.VAR HVC350BTRF-E		B	37.2/134.4
	D31	1750000711	S.VAR HVC350BTRF-E		B	32.4/136.6
	D32	1750000711	S.VAR HVC350BTRF-E		B	32.4/135.4
D33	1790001241	S.DIO MA2S7280GL [USA-01]	B	37.8/144.2		
	1790001241	S.DIO MA2S7280GL [EXP-01]				
	1790001241	S.DIO MA2S7280GL [CHN-02]				
	1790001241	S.DIO MA2S7280GL [USA-02]				
	1790001241	S.DIO MA2S7280GL [EXP-02]				
	1790001241	S.DIO MA2S7280GL [EUR-01]				
	1790001241	S.DIO MA2S7280GL [DPM-01]				
	1750002170	S.DIO DB2S31400L [DPM-03]				
	D34	1790001621	S.DIO 1SV308(TPL3F)		B	85.5/137.8
	D38	1750001360	S.DIO L709CER (9401)		B	87.8/135.7
	D40	1750000370	S.DIO DA221 TL		T	112.7/77.0
	D44	1710001061	DIO L407CDB			
D45	1750001820	S.DIO LRB706F-40T1G <SLVJ>	B	96.3/138.1		
D46	1750000520	S.DIO DAN222TL	T	13.3/131.2		
D47	1750000520	S.DIO DAN222TL	T	13.3/129.2		
D48	1790000661	S.DIO MA2J7280GL	B	121.1/142.5		
D49	1790000661	S.DIO MA2J7280GL	B	140.6/133.1		
D51	1790001251	S.DIO MA2S1110GL [USA-01]	T	10.6/127.1		
	1790001251	S.DIO MA2S1110GL [EXP-01]				
	1790001251	S.DIO MA2S1110GL [CHN-02]				
	1790001251	S.DIO MA2S1110GL [USA-02]				
	1790001251	S.DIO MA2S1110GL [EXP-02]				
	1790001251	S.DIO MA2S1110GL [EUR-01]				
	1790001251	S.DIO MA2S1110GL [DPM-01]				
	1750002020	S.DIO DA2S10100L [DPM-03]				
	D53	1790001810	S.VAR AVR-M1005C080MTABB		T	32.5/11.5
	D55	1790001810	S.VAR AVR-M1005C080MTABB		T	30.5/11.5
	D56	1790001810	S.VAR AVR-M1005C080MTABB		B	33.3/22.2
	D59	1790000700	DIO DSA3A1			
D61	1160000070	S.DIO DAN202K T146	T	118.5/14.3		
Eqv.	1750000021	S.DIO 1S3184(TE85RF)				
	1750002420	S.DIO LDAN202KLT1G <SLVJ>				
D62	1750000431	S.DIO HSB88WSTR-E	B	68.3/123.3		
D63	1790001251	S.DIO MA2S1110GL [USA-01]	B	34.2/20.8		
	1790001251	S.DIO MA2S1110GL [EXP-01]				
	1790001251	S.DIO MA2S1110GL [CHN-02]				
	1790001251	S.DIO MA2S1110GL [USA-02]				
	1790001251	S.DIO MA2S1110GL [EXP-02]				
	1790001251	S.DIO MA2S1110GL [EUR-01]				
	1790001251	S.DIO MA2S1110GL [DPM-01]				
	1750002020	S.DIO DA2S10100L [DPM-03]				
	D64	1750000370	S.DIO DA221 TL		T	63.2/93.9
	D65	1750000370	S.DIO DA221 TL		T	65.2/93.9
	D66	1750000370	S.DIO DA221 TL		T	67.2/93.9
	D67	1750000370	S.DIO DA221 TL		T	62.6/105.7
D68	1750000370	S.DIO DA221 TL	T	60.6/104.8		
D69	1750000370	S.DIO DA221 TL	T	69.2/93.9		
D70	1750000370	S.DIO DA221 TL	T	71.2/93.9		
D71	1750000370	S.DIO DA221 TL	T	69.4/109.5		
D72	1750000370	S.DIO DA221 TL	T	71.5/109.5		
D73	1750000370	S.DIO DA221 TL	T	73.6/109.5		
D74	1750000370	S.DIO DA221 TL	T	75.6/109.5		
D75	1790001251	S.DIO MA2S1110GL [USA-01]	B	41.1/38.7		
	1790001251	S.DIO MA2S1110GL [EXP-01]				
	1790001251	S.DIO MA2S1110GL [CHN-02]				
	1790001251	S.DIO MA2S1110GL [USA-02]				
	1790001251	S.DIO MA2S1110GL [EXP-02]				
	1790001251	S.DIO MA2S1110GL [EUR-01]				
	1790001251	S.DIO MA2S1110GL [DPM-01]				
	1750002020	S.DIO DA2S10100L [DPM-03]				
	D76	1790001251	S.DIO MA2S1110GL [USA-01]		B	26.5/41.3
	D77	1790001251	S.DIO MA2S1110GL [EXP-01]			
	D77	1790001251	S.DIO MA2S1110GL [CHN-02]			
	D77	1790001251	S.DIO MA2S1110GL [USA-02]			
D77	1790001251	S.DIO MA2S1110GL [EXP-02]				
D77	1790001251	S.DIO MA2S1110GL [EUR-01]				
D77	1790001251	S.DIO MA2S1110GL [DPM-01]				
D78	1750002020	S.DIO DA2S10100L [DPM-03]		52.3/29.9		
	1790001251	S.DIO MA2S1110GL [USA-01]	B			
	1790001251	S.DIO MA2S1110GL [EXP-01]				
	1790001251	S.DIO MA2S1110GL [CHN-02]				
	1790001251	S.DIO MA2S1110GL [USA-02]				
	1790001251	S.DIO MA2S1110GL [EXP-02]				
	1790001251	S.DIO MA2S1110GL [EUR-01]				
	1790001251	S.DIO MA2S1110GL [DPM-01]				
	1750002020	S.DIO DA2S10100L [DPM-03]				
	D78	1730002361	S.ZEN MAZ8062GML [USA-01]		B	
	D78	1730002361	S.ZEN MAZ8062GML [EXP-01]			
	D78	1730002361	S.ZEN MAZ8062GML [CHN-02]			
D78	1730002361	S.ZEN MAZ8062GML [USA-02]				
D78	1730002361	S.ZEN MAZ8062GML [EXP-02]				
D78	1730002361	S.ZEN MAZ8062GML [EUR-01]				
D78	1730002361	S.ZEN MAZ8062GML [DPM-01]				
D78	1750002130	S.ZEN DZ2J062MOL [DPM-03]				
FI1	2020001520	CER CFWLA450KFFA-B0 (CFWS450F)				

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

[MAIN UNIT] (For all models except the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION			
FI2	2020001460	CER CFWLA450KHFA-B0 (CFWS450HT)					
FI3	2030000500	S.MON DSF753SFBF 46.35 MHz (FL-401)	B	72.0/101.1			
FI4	2030000670	S.MON DSF753SFBF 46.35 MHz (FL-420)	B	63.4/91.2			
FI5	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/110.3			
		S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/113.5			
FI6	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/116.6			
FI7	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/116.6			
X1	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	128.6/45.3			
		S.XTA CR-826 DSA535SD 15.3 MHz	B	35.7/72.4			
		S.DIS JTBM450CX24 <JJE>	B	63.5/83.5			
		S.XTA CR-886A DSA321SCL 12.288 MHz	B	52.9/38.3			
X5	6050012680	S.XTA CR-858(SMD-49/18.432 MHz)	T	46.9/52.8			
		<JJE>					
L1	6200004660	S.COI MLF1608A 1R8K-T	B	115.6/39.2			
L2	6200004660	S.COI MLF1608A 1R8K-T	B	23.6/82.5			
L3	6200004480	S.COI MLF1608D R82K-T	B	39.5/79.4			
L4	6200003540	S.COI MLF1608D R22K-T	B	37.0/77.0			
L5	6200005671	S.COI ELJRE 12NGFA [USA-01]	B	102.7/46.7			
		S.COI ELJRE 12NGFA [EXP-01]					
		S.COI ELJRE 12NGFA [CHN-02]					
		S.COI ELJRE 10NGFA [USA-02]					
		S.COI ELJRE 10NGFA [EXP-02]					
		S.COI ELJRE 12NGFA [EUR-01]					
		S.COI ELJRE 12NGFA [DPM-01]					
		S.COI ELJRE 12NGFA [DPM-03]					
		L6	6200005671		S.COI ELJRE 12NGFA	B	44.6/99.3
		L8	6200004741		S.COI NLV25T-1R2J	B	28.5/121.7
		L9	6200004741		S.COI NLV25T-1R2J	B	28.5/124.9
		L10	6200004741		S.COI NLV25T-1R2J	B	28.5/114.1
L11	6200004741	S.COI NLV25T-1R2J	B	83.7/63.1			
L12	6200004741	S.COI NLV25T-1R2J	B	83.7/54.6			
L13	6200004741	S.COI NLV25T-1R2J	B	30.6/117.2			
L14	6200004741	S.COI NLV25T-1R2J	B	84.2/66.2			
L15	6200004741	S.COI NLV25T-1R2J	B	84.2/57.7			
L18	6200009260	S.COI C3328A-5N0J-A	B	88.7/63.1			
L19	6200009260	S.COI C3328A-5N0J-A	B	89.8/54.0			
L20	6200009390	S.COI C3328A-8N0J-A	B	33.2/121.7			
L21	6200009390	S.COI C3328A-8N0J-A	B	34.7/113.1			
L22	6200003550	S.COI MLF1608A 4R7K-T	B	73.4/109.9			
L23	6200002861	S.COI NLV25T-4R7J	B	57.6/108.9			
L24	6200010740	S.COI C2520C-R27G-A	B	70.0/109.1			
L25	6200004741	S.COI NLV25T-1R2J	B	97.1/64.6			
L26	6200004741	S.COI NLV25T-1R2J	B	98.1/53.9			
L27	6130002961	S.COI #617DB-1327=P3	B	68.3/117.0			
L28	6200005711	S.COI ELJRE 27NGFA	B	62.3/123.6			
L29	6200005721	S.COI ELJRE 33NGFA	B	102.6/58.6			
L30	6200005721	S.COI ELJRE 33NGFA	B	46.9/116.2			
L31	6200002861	S.COI NLV25T-4R7J	T	91.1/20.0			
L32	6130002961	S.COI #617DB-1327=P3	B	68.3/128.7			
L33	6200005671	S.COI ELJRE 12NGFA	B	47.3/107.1			
L34	6200005711	S.COI ELJRE 27NGFA [USA-01]	B	61.1/117.5			
		S.COI ELJRE 27NGFA [EXP-01]					
		S.COI ELJRE 27NGFA [CHN-02]					
		S.COI ELJRE 18NGFA [USA-02]					
		S.COI ELJRE 18NGFA [EXP-02]					
		S.COI ELJRE 27NGFA [EUR-01]					
		S.COI ELJRE 27NGFA [DPM-01]					
		S.COI ELJRE 27NGFA [DPM-03]					
		L35	6200005671		S.COI ELJRE 12NGFA [USA-01]	B	102.7/51.6
		L35	6200005671		S.COI ELJRE 12NGFA [EXP-01]		
		L35	6200005671		S.COI ELJRE 12NGFA [CHN-02]		
		L35	6200005661		S.COI ELJRE 10NGFA [USA-02]		
L35	6200005661	S.COI ELJRE 10NGFA [EXP-02]					
L35	6200005671	S.COI ELJRE 12NGFA [EUR-01]					
L35	6200005671	S.COI ELJRE 12NGFA [DPM-01]					
L35	6200005671	S.COI ELJRE 12NGFA [DPM-03]					
L36	6200005711	S.COI ELJRE 27NGFA	B	44.3/123.1			
L37	6200005711	S.COI ELJRE 27NGFA [USA-01]	B	61.1/120.1			
		S.COI ELJRE 27NGFA [EXP-01]					
		S.COI ELJRE 27NGFA [CHN-02]					
		S.COI ELJRE 18NGFA [USA-02]					
		S.COI ELJRE 18NGFA [EXP-02]					
		S.COI ELJRE 27NGFA [EUR-01]					
		S.COI ELJRE 27NGFA [DPM-01]					
		S.COI ELJRE 27NGFA [DPM-03]					
		L38	6200005711		S.COI ELJRE 27NGFA	B	100.0/64.4
		L39	6200009320		S.COI C3328A-12NG-A	B	70.8/137.3
		L40	6200009320		S.COI C3328A-12NG-A	B	59.5/135.7
		L41	6200009320		S.COI C3328A-12NG-A	B	51.4/136.3
L42	6200005711	S.COI ELJRE 27NGFA	B	134.8/83.9			
L43	6200005711	S.COI ELJRE 27NGFA	B	142.0/87.2			
L44	6200010290	S.COI C6328A-22NG-A [USA-01]	B	41.9/136.3			
		S.COI C6328A-22NG-A [EXP-01]					
		S.COI C6328A-22NG-A [CHN-02]					
		S.COI C6328A-17NG-A [USA-02]					
L44	6200013490	S.COI C6328A-17NG-A [EXP-02]					
L44	6200010290	S.COI C6328A-22NG-A [EUR-01]					
L44	6200010290	S.COI C6328A-22NG-A [DPM-01]					
L44	6200010290	S.COI C6328A-22NG-A [DPM-03]					
L45	6200005641	S.COI ELJRE 6N8ZF8	B	142.7/92.7			

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount





[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists various electronic components like resistors and capacitors with their specifications and locations.

[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists various electronic components like capacitors, diodes, and transistors with their specifications and locations.

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount







[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with columns REF NO., PARTS NO., DESCRIPTION, M., and H/V LOCATION. Contains part numbers and descriptions for models other than IC-FR6000-L.

[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with columns REF NO., PARTS NO., DESCRIPTION, M., and H/V LOCATION. Contains part numbers and descriptions for models other than IC-FR6000-L.

Eqv.= This component is equivalent to the REF No. component listed above and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount



[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists various components for the main unit such as C619, C620, C621, etc., including their part numbers and descriptions.

[FRONT UNIT]

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists various components for the front unit such as IC500, IC501, IC502, etc., including their part numbers and descriptions.

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[FRONT UNIT]

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains multiple rows of component data for the front unit, including diodes, capacitors, and resistors.

[FRONT UNIT]

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains multiple rows of component data for the front unit, including capacitors, resistors, and LEDs.

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
S506	2250000511	ENC RH70N1037E20-13F-2781		
SP501	2510001221	SPE C052SB500-14 <OSC>		
W501	8900011800	CAB OPC-1199		
W502	8900017540	CAB OPC-1785		
EP501	8930065150	LCD SRCN-2781-SP-N-W (SHJ)		
EP503	6910019600	SPA LM-5		
EP504	6910019610	SPA LM-7 (SPACER)		

[CONNECT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C601	4030017420	S.CER C1005 CH 1H 470J-T	T	13.8/12.4
C602	4030017400	S.CER C1005 CH 1H 220J-T	T	12.2/12.4
C603	4030017420	S.CER C1005 CH 1H 470J-T	T	16.6/12.4
C604	4030017400	S.CER C1005 CH 1H 220J-T	T	15.0/14.2
C605	4030017420	S.CER C1005 CH 1H 470J-T	T	17.8/13.9
C606	4030017420	S.CER C1005 CH 1H 470J-T	T	19.4/12.4
C607	4030017420	S.CER C1005 CH 1H 470J-T	T	20.6/13.9
C608	4030017420	S.CER C1005 CH 1H 470J-T	T	22.7/12.4
C609	4030017420	S.CER C1005 CH 1H 470J-T	T	25.5/12.4
C610	4030017420	S.CER C1005 CH 1H 470J-T	T	29.7/12.8
C611	4030017420	S.CER C1005 CH 1H 470J-T	T	31.0/14.1
C612	4030017420	S.CER C1005 CH 1H 470J-T	T	32.5/12.8
C613	4030017420	S.CER C1005 CH 1H 470J-T	T	33.6/14.1
C614	4030017420	S.CER C1005 CH 1H 470J-T	T	35.2/14.1
C615	4030017420	S.CER C1005 CH 1H 470J-T	T	35.8/12.8
C616	4030017420	S.CER C1005 CH 1H 470J-T	B	35.2/15.6
C617	4030017420	S.CER C1005 CH 1H 470J-T	T	37.6/13.6
C618	4030017420	S.CER C1005 CH 1H 470J-T	T	39.3/12.2
C619	4030017420	S.CER C1005 CH 1H 470J-T	T	39.9/13.4
C620	4030017420	S.CER C1005 CH 1H 470J-T	T	41.3/12.6
C621	4030017420	S.CER C1005 CH 1H 470J-T	T	27.4/13.9
J601	6510027920	S.CON IMSA-9631S-28Y934	B	22.8/16.2
J602	6510023210	CON CD6125SA1J0 <CVI>		
S1	2260003070	S.SWI MINISMDC150F/24-2	B	38.9/18.0
W601	8900017500	CAB OPC-1852 (P0.5N28L90) <TJM>		

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount







[MAIN-A UNIT] (For [EXP-03] and [CHN-01])

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains a list of components for the MAIN-A UNIT, including various resistor and capacitor parts with their specifications and locations.

[MAIN-A UNIT] (For [EXP-03] and [CHN-01])

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains a list of components for the MAIN-A UNIT, including various resistor and capacitor parts with their specifications and locations.

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount









[MAIN-B UNIT] (For [DPM-01], [DPM-02])

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Rows include components like DSC7004S0L, PMBFJ310 <RYO>, SCS107-O(TE85RF), DAN235ETL, DAN235ETL, etc.

Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

[MAIN-B UNIT] (For [DPM-01], [DPM-02])

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Rows include components like MLF1608D R22K-T, ELJRE 12NGFA, NLV25T-1R2J, ERJ2GEJ 274 X (270K), ERJ2GEJ 103 X (10K), etc.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount













**[PA UNIT]**

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
EP1	(Optional)	UNI UR-PA6000		

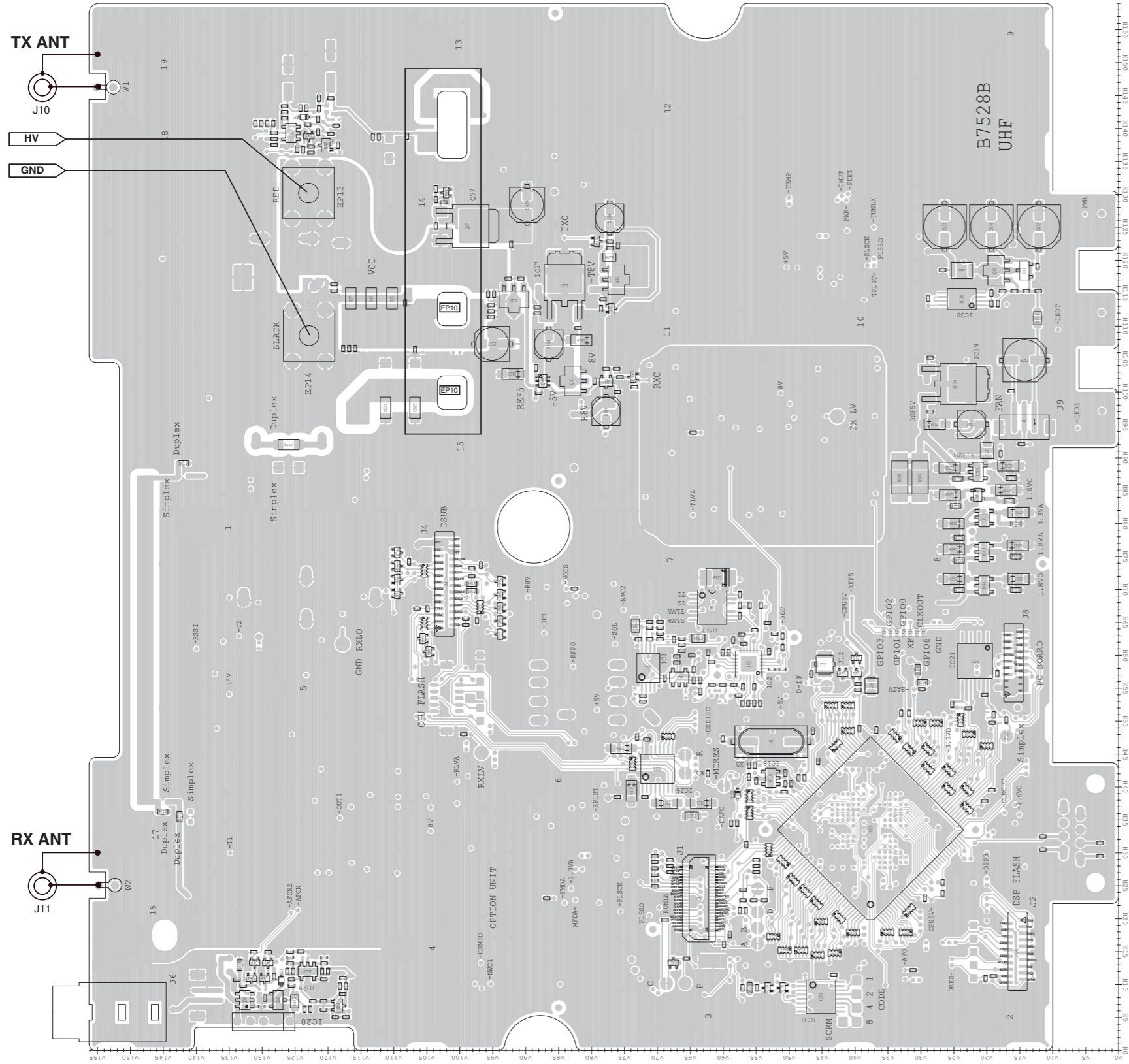
Eqv.= This component is equivalent to the REF No. component listed above, and may be substituted on parts orders and repairs.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

# BOARD LAYOUTS

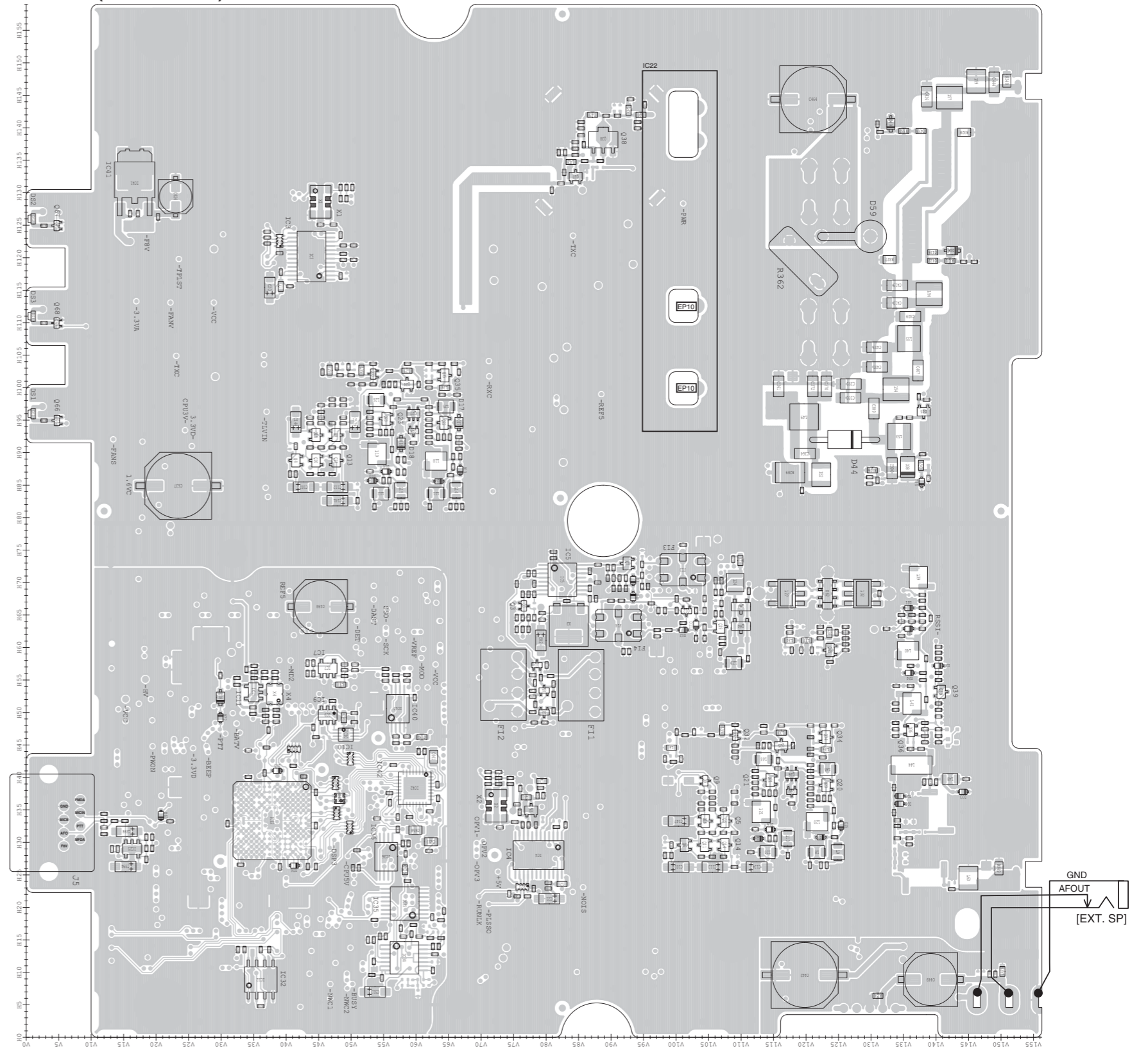
The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C.Board.

## • MAIN-B UNIT (For IC-FR6100H and [DPM-02]) (TOP VIEW)



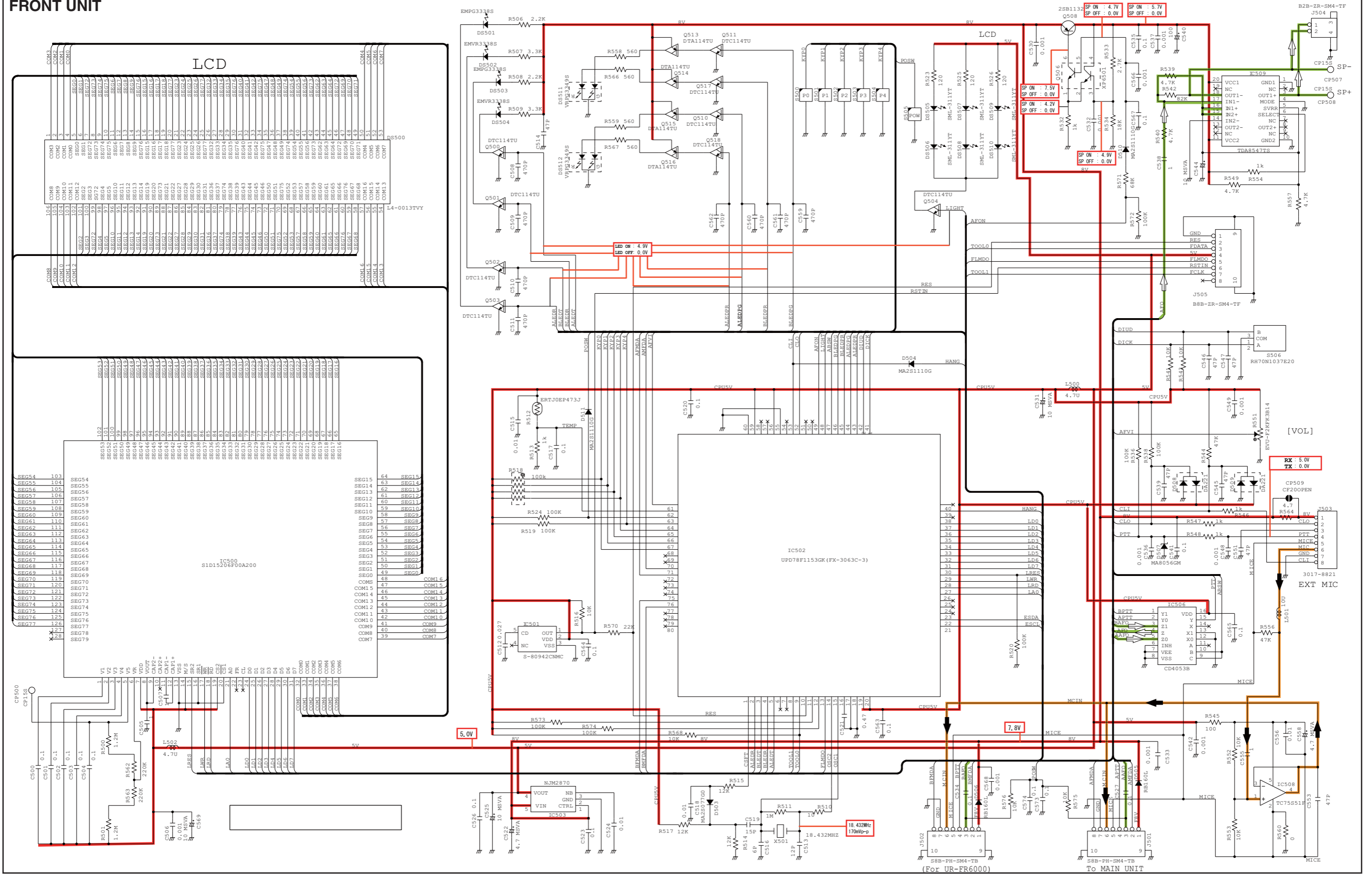
The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C.Board.

• MAIN-B UNIT (For IC-FR6100H and [DPM-02])  
(BOTTOM VIEW)



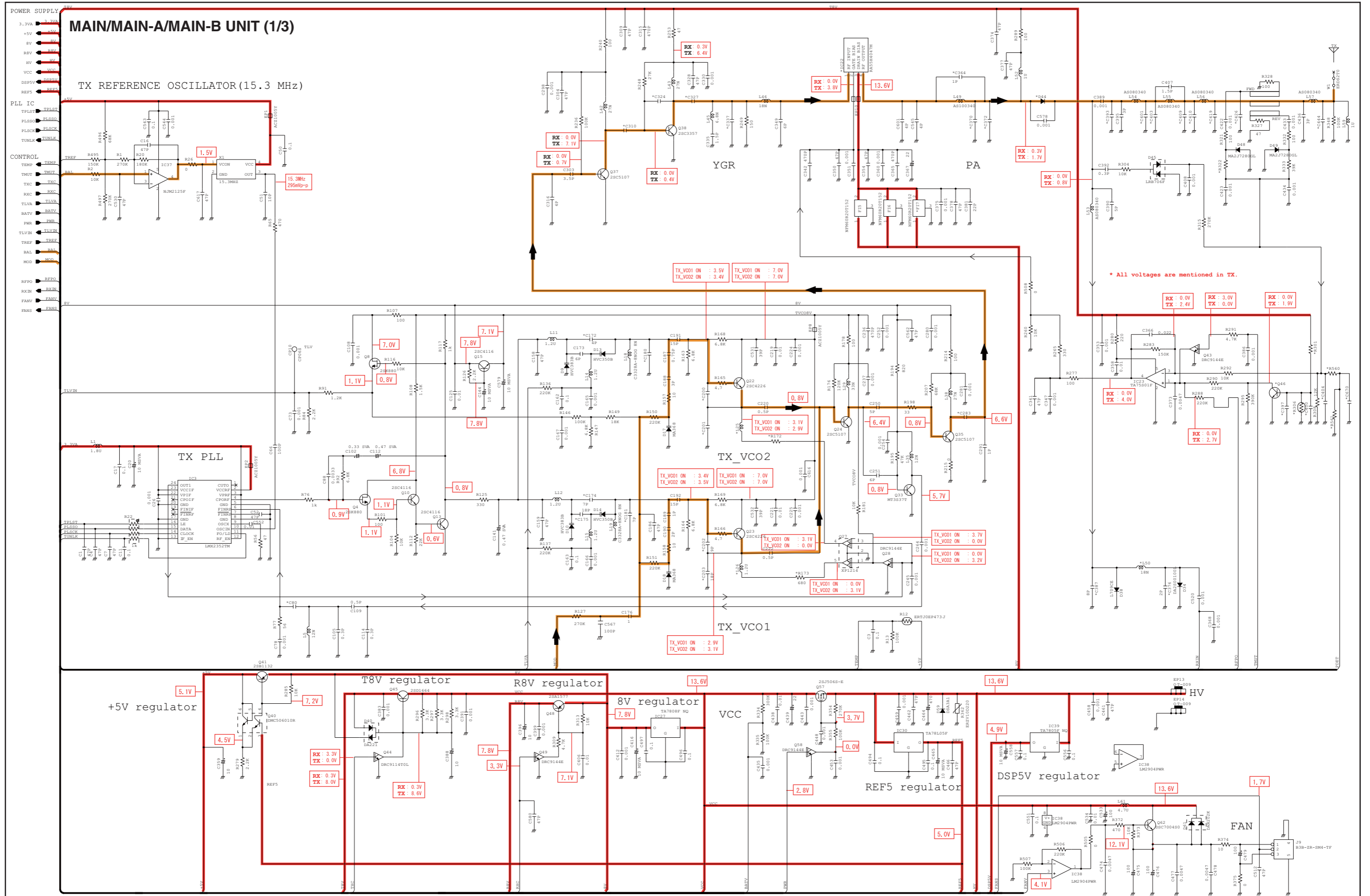
# VOLTAGE DIAGRAM

## FRONT UNIT

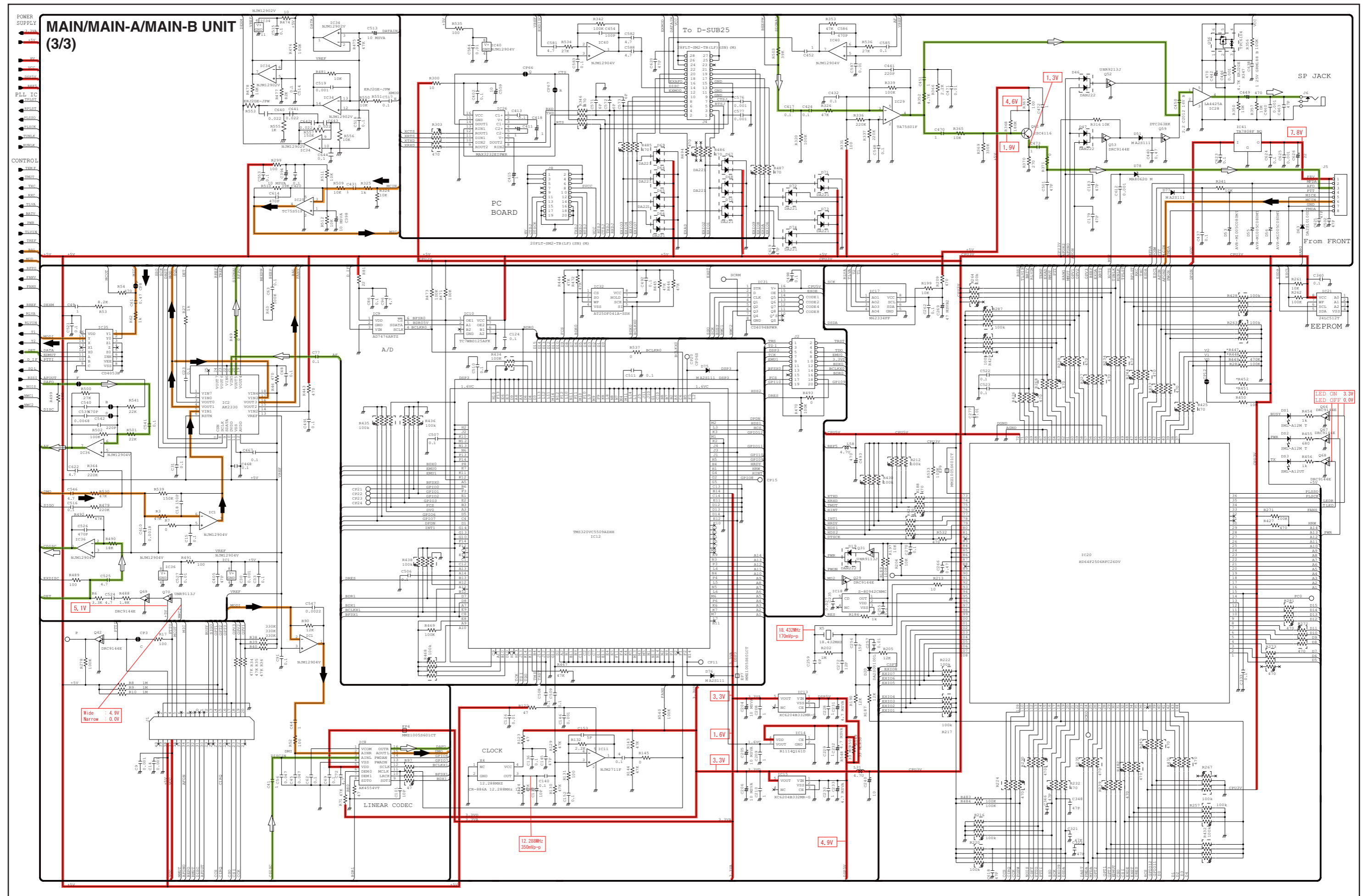


\*; Refer to "PARTS LIST."









\*; Refer to "PARTS LIST"

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## IC-FR6000 IC-FR6100 IC-FR6000-L

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### CONTENTS

REPLACEMENT PAGE .....	6-4, 6-9 and 6-10
PARTS LIST .....	1
VOLTAGE DIAGRAM .....	16


### [VERSION LIST]

MODEL	VERSION	FREQUENCY RANGE	CHANNEL SPACING	TX POWER
IC-FR6000	USA-01	400-470 MHz	6.25/12.5/25.0 kHz	50 W
	USA-02	450-512 MHz		
	EXP-01	400-470 MHz	12.5/25.0 kHz	
	EXP-02	450-520 MHz		
	EXP-03	350-400 MHz	6.25/12.5/25.0 kHz	
	DPM-03	400-470 MHz		
IC-FR6000-L	CHN-01	350-400 MHz	6.25/12.5/25.0 kHz	
	CHN-02			
IC-FR6100	EUR-01	400-470 MHz	12.5/20.0/25.0 kHz	25 W
	DPM-01		6.25/12.5/20.0/25.0	


**ADJUSTMENT CHANNEL LISTS (continued)**  
**• Channel list for [350 MHz] ([EXP-03] and [CHN-01])**


CH	Atr	Inh	Operation Mode	Frequency (MHz)			Text	TOT				Scan	to an	CH Type	Auto Reset	CW	able	FM			
				RX	TX	TX Inh		Local Mic	Repeat/EPTT	RF PWR	Lock-out							TX C.Tone	W/N	Cl	
1- 1	AB		Simplex	350.000000	<-		LV L ADJ				L1			Analog	Tim-B					W	
1- 2			Simplex	375.000000	<-		LV H ADJ				L1			Analog	Tim-B					W	
1- 3			Simplex	374.950000	<-		LV L VRFY				L1			Analog	Tim-B					W	
1- 4			Simplex	399.900000	<-		LV H VRFY				L1			Analog	Tim-B					W	
1- 5			Simplex	399.900000	<-		TX Freq				L1			Analog	Tim-B					W	
1- 6			Simplex	350.100000	<-		TX PWR Hi				H			Analog	Tim-B					W	
1- 7			Simplex	350.100000	<-		TX PWR L2				L2			Analog	Tim-B					W	
1- 8			Simplex	350.100000	<-		TX PWR L1				L1			Analog	Tim-B					W	
1- 9			Simplex	350.100000	<-		BAL				L1			Analog	Tim-B					W	
1- 10			Simplex	375.100000	<-		BAL Offset				L1			Analog	Tim-B					W	
1- 11			Simplex	350.100000	<-		DG Dev.				L1			Digital	Tim-B			----		-	
1- 12			Simplex	358.100000	<-		DG Dev. 0				L1			Digital	Tim-B			----		-	
1- 13			Simplex	366.500000	<-		DG Dev. 1				L1			Digital	Tim-B			----		-	
1- 14			Simplex	374.900000	<-		DG Dev. 2				L1			Digital	Tim-B			----		-	
1- 15			Simplex	375.100000	<-		DG Dev. Offs				L1			Digital	Tim-B			----		-	
1- 16			Simplex	383.200000	<-		DG Dev. 3				L1			Digital	Tim-B			----		-	
1- 17			Simplex	391.600000	<-		DG Dev. 4				L1			Digital	Tim-B			----		-	
1- 18			Simplex	399.900000	<-		DG Dev. 5				L1			Digital	Tim-B			----		-	
1- 19			Simplex	350.100000	<-		AN Dev. W				L1			Analog	Tim-B					W	
1- 20			Simplex	350.100000	<-		AN Dev. N				L1			Analog	Tim-B					N	
1- 21			Simplex	350.100000	<-		CT/DT Dev.				L1			Analog	Tim-B				151.4	W	
1- 22			Simplex	375.000000	----	i	BPF C ALL				L1			Analog	Tim-B					W	
1- 23			Simplex	350.100000	----	i	BPF L ALL				L1			Analog	Tim-B					W	
1- 24			Simplex	399.900000	----	i	BPF H ALL				L1			Analog	Tim-B					W	
1- 25			Simplex	350.100000	----	i	RSSI				L1			Analog	Tim-B					W	
1- 26			Simplex	350.100000	----	i	SQL				L1			Analog	Tim-B					W	

**CONVENIENT: The same cloning file is available.**

Right-click  below, and select "Save Embedded File to Disk."

For [Low band] version: 

For [High band] version: 

For [350 MHz band] version: 

### 6-3 TRANSMIT ADJUSTMENT (continued)

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
ANALOG DEVIATION -Preparation-	1	–	• Set the item [TX Mode] to "1."	[TX Mode] "1"
	2	–	1) Connect a modulation analyzer to the TX antenna connector through an attenuator, and then set it as; HPF : OFF LPF : 20 kHz De-emphasis : OFF Detector : (P-P)/2 2) Connect an audio generator to the MIC line through the JIG cable, and then set it as; Modulation : 1 kHz Level : 40 mV rms Wave form : Sine wave	–
-Adjust- (Wide)	3	• CH. : 1-19 • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[MOD (Wide)] ±4.05–4.15 kHz
(Middle)*	4	• CH. : 1-20 • [Wide Band Width] : "Middle" (see the page 6-5) • Transmitting		[MOD (Middle)] ±3.15–3.25 kHz
(Narrow)	5	• CH. : 1-21 [L] 1-20 [H], [350 MHz] • Transmitting		[MOD (Narrow)] ±2.05–2.15 kHz
CTCSS/DTCS DEVIATION -Preparation-	1	–	• Set the item [TX Mode] to "3."	[TX Mode] "3"
-Adjust-	2	• CH. : 1-22 [L] 1-21 [H], [350 MHz] • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[CTCSS] ±0.68–0.72 kHz

\*: For only [25 W ver.]. [L]= Low band [H]=High band [350 MHz]=350 MHz band ([EXP-03] and [CHN-01])

### 6-4 RECEIVE ADJUSTMENT

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE
RECEIVE SENSITIVITY -Preparation-	1	–	• Set the item [RX Mode] to "1."	[RX Mode] "1"
	2	–	1) Connect an SSG to the RX antenna connector. 2) Set the SSG as; Level† : +20 dBμ Modulation : 1 kHz Deviation : 3.5 kHz	–
-Adjustment- (Band center)	3	• CH. : 1-23 [L] 1-22 [H], [350 MHz] • Receiving	1) Set the SSG as; Frequency : 435.000 MHz [Low] 450.100 MHz [High] 375.000 MHz [350 MHz] 2) Select the item [BPF C ALL], and then push the [ENTER] key.	[BPF C ALL]
-Adjustment- (Band center) For only [Low band] and [350 MHz]	4	• CH. : 1-24 [L] 1-23 [350 MHz] • Receiving	1) Set the SSG as; Frequency : 400.100 MHz [Low] 350.100 MHz [350 MHz] 2) Select the item [BPF L ALL], and then push the [ENTER] key.	[BPF L ALL]
-Adjustment- (Band high)	5	• CH. : 1-25 [L] 1-23 [H] 1-24 [350 MHz] • Receiving	1) Set the SSG as; Frequency : 469.900 MHz [Low] 519.900 MHz [High] 399.900 MHz [350 MHz] 2) Select the item [BPF H ALL], and then push the [ENTER] key.	[BPF H ALL]

[L]= Low band [H]=High band [350 MHz]=350 MHz band ([EXP-03] and [CHN-01])

†: The output level of the standard signal generator (SSG) is indicated as the SSG's open circuit.

**6-4 RECEIVE ADJUSTMENT (continued)**

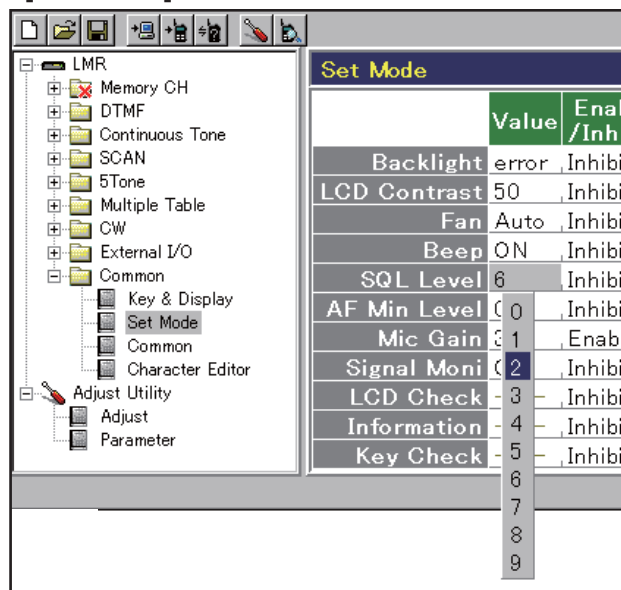
- 1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.
- 2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE	
<b>S-METER</b> <b>-Preparation-</b>	<b>NOTE:</b> "RECEIVE SENSITIVITY" MUST be adjusted before "S-METER." When "RECEIVE SENSITIVITY" is re-adjusted, "S-METER" MUST be re-adjusted too.				
	1	–	<ul style="list-style-type: none"> <li>• Connect an SSG to the RX antenna connector, and then set it as;                      Frequency : 400.100 MHz [Low band]                      450.100 MHz [High band]                      350.100 MHz [350 MHz]                      Modulation : 1 kHz                      Deviation : 3.5 kHz</li> </ul>	–	–
<b>-Adjust-</b> <b>(S3 level)</b>	2	<ul style="list-style-type: none"> <li>• CH. :                      1-26 [L]                      1-24 [H]                      1-25 [350 MHz]</li> <li>• Receiving</li> </ul>	1) Set the SSG as; Level† : +23 dB <sub>μ</sub> 2) Select the item <b>[RSSI S3 Level]</b> , and then push the [ENTER] key to store the adjust value.	<b>[RSSI S3 Level]</b>	(Automatic adjustment)
<b>(S1 level)</b>	3	<ul style="list-style-type: none"> <li>• CH. :                      1-26 [L]                      1-24 [H]                      1-25 [350 MHz]</li> <li>• Receiving</li> </ul>	1) Set the SSG as; Level† : –7 dB <sub>μ</sub> 2) Select the item <b>[RSSI S1 Level]</b> , and then push the [ENTER] key, to store the adjust value.	<b>[RSSI S1 Level]</b>	(Automatic adjustment)
<b>SQUELCH</b> <b>-Preparation-</b>	1	–	<ul style="list-style-type: none"> <li>• Set the item <b>[SQL Level]</b> to "2" (See the screen below).</li> </ul>	<b>[SQL Level]</b>	"2"
	2	–	<ul style="list-style-type: none"> <li>• Connect an SSG to the RX antenna connector, and then set the SSG as;                      Frequency : 400.100 MHz [Low band]                      450.100 MHz [High band]                      350.100 MHz [350 MHz]                      Modulation : 1 kHz                      Deviation : 3.5 kHz                      Level : –14 dB<sub>μ</sub></li> </ul>	–	–
<b>-Adjust-</b>	2	<ul style="list-style-type: none"> <li>• CH. :                      1-27 [L]                      1-25 [H]                      1-26 [350 MHz]</li> <li>• Receiving</li> </ul>	1) Decrease the adjustment value <b>[SQL]</b> to close the squelch once, and then increase the value to open the squelch. 2) Select the item <b>[SQL]</b> , and then push the [ENTER] key to store the adjust value.	<b>[SQL]</b>	(Automatic adjustment)

[L]= Low band [H]=High band [350 MHz]=350 MHz band ([EXP-03] and [CHN-01])

†; The output level of the standard signal generator (SSG) is indicated as the SSG's open circuit.

**• [SQL Level] SETTING**







[MAIN UNIT] (For all models except the IC-FR6000-L)

[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Rows include components like S.COI MLF1608A 1R8K-T, S.COI MLF1608D R82K-T, S.COI MLF1608D R22K-T, etc.

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Rows include components like S.RES ERJ2GEJ-JPW, S.RES ERJ2GEJ 101 X (100), S.RES ERJ2GEJ 822 X (8.2K), etc.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount









[MAIN UNIT] (For all models except the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C623	4030017330	S.CER C1005 JF 1C 104Z-T	B	126.8/16.0
C624	4030017330	S.CER C1005 JF 1C 104Z-T	B	126.3/20.3
C625	4030017460	S.CER C1005 JB 1H 223K-T	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23.0
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
C638	4030019120	S.CER GRM188B31E105KA75D	T	13.0/133.4
C640	4030018900	S.CER C1005 JB 0J 474K-T	B	8.9/58.3
C641	4030016970	S.CER C1005 JB 1E 223K-T	B	8.4/59.5
C642	4030016970	S.CER C1005 JB 1E 223K-T	B	8.9/60.7
C643	4030016970	S.CER C1005 JB 1E 223K-T	B	8.0/60.7
C644	4030016930	S.CER C1005 JB 1A 104K-T	B	11.6/62.9
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	14.8/15.6
J4	6510023512	S.CON 28FLT-SM2-TB(LF)(SN)(M)	T	70.9/102.1
J5	6510023110	CON 3008L-8P8C <KIN>		
J6	6450000140	CON HSJ0807-01-010		
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	59.1/15.7
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.7/14.3
J10	6510004910	CON NR-DS-E 01 <SSC>		
J11	6510004910	CON NR-DS-E 01 <SSC>		
DS1	5040002961	S.LED SML-A12MT T86J	B	96.0/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126.0/1.1
DS3	5040003001	S.LED SML-A12UT T86J	B	111.0/1.1
MF1	2710000870	FAN AFB0512HB-7X22 <USE>HK		
W1	7030012290	JUM RDS2TOR0		
W2	7030012290	JUM RDS2TOR0		
W4	8900017520	CAB OPC-1783		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	30.5/60.6
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39.0/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109.0
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.9/39.4
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC500	1130009121	S.IC S1D15206F00A200	B	69.5/36.0
IC501	1110005771	S.IC S-80942CNMC-G9CT2G	B	105.3/24.1
IC502	1140014582	S.IC UPD78F1153GK(R)-GAK-AX (3063C-3)	B	101.4/38.8
IC503	1110005350	S.IC NJM2870F05-TE1-#FZZB	B	47.3/30.5
IC506	1140013200	S.IC CD4053BPWR	B	39.1/31.7
IC508	1110002751	S.IC TA75S01F(TE85RF)	B	143.0/18.1
IC509	1110006770	S.IC TDA8547TS/N <RYO>	B	28.5/55.8
Q500	1590001050	S.TRA DTC114TUA T106	B	148.5/41.4
Q501	1590001050	S.TRA DTC114TUA T106	B	161.8/34.6
Q502	1590001050	S.TRA DTC114TUA T106	B	161.9/41.4
Q503	1590001050	S.TRA DTC114TUA T106	B	148.5/34.6
Q504	1590001050	S.TRA DTC114TUA T106	B	91.4/45.6
Q506	1590004590	S.TRA DMC506010R	B	37.0/48.2
Q508	1520000460	S.TRA 2SB1132 T100 R	B	36.9/52.7
Q510	1590001050	S.TRA DTC114TUA T106	B	152.9/53.3
Q511	1590001050	S.TRA DTC114TUA T106	B	166.3/53.0
Q513	1590001060	S.TRA DTA114TUA T106	B	168.8/53.0
Q514	1590001060	S.TRA DTA114TUA T106	B	160.1/49.6
Q515	1590001060	S.TRA DTA114TUA T106	B	155.4/53.3
Q516	1590001060	S.TRA DTA114TUA T106	B	145.4/49.9
Q517	1590001050	S.TRA DTC114TUA T106	B	160.1/46.9
Q518	1590001050	S.TRA DTC114TUA T106	B	145.4/47.1
D503	1790001261	S.DIO MA2S077G0L	B	112.3/33.9
D504	1750002020	S.DIO DA2S10100L	B	95.1/45.9
D505	1790001450	S.DIO RB160L-40 TE-25	B	41.8/26.6
D506	1790001450	S.DIO RB160L-40 TE-25	B	63.2/6.6
D507	1750001980	S.ZEN DZ2J056M0L	B	160.8/29.9
D508	1750000370	S.DIO DA221 TL	B	153.2/27.7
D509	1750000370	S.DIO DA221 TL	B	166.4/28.1
D510	1750002020	S.DIO DA2S10100L	B	43.2/51.6
D511	1750002020	S.DIO DA2S10100L	B	115.9/45.0
D512	1750002020	S.DIO DA2S10100L	B	65.3/10.2
D513	1750002020	S.DIO DA2S10100L	B	36.3/24.4
X501	6050012680	S.XTA CR-858(SMD-49/18.432 MHz) <JJE>	B	113.1/28.2
L500	6200002861	S.COI NLV25T-4R7J	B	106.1/17.9
L501	6200003640	S.COI MLF1608E 100K-T	B	161.6/17.9
L502	6200002861	S.COI NLV25T-4R7J	B	86.0/39.4
R500	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	83.6/43.7
R501	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	87.4/47.5
R506	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	157.8/36.3
R507	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	167.9/44.3
R508	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	167.9/37.8
R509	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	155.4/44.6
R510	7030005530	S.RES ERJ2GEJ 100 X (10)	B	106.8/30.6
R511	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	105.9/30.6
R512	7510001730	S.THE ERTJOEP 473J	B	103.1/48.9
R513	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	102.2/49.9
R514	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	113.1/32.3
R515	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	112.3/36.0
R516	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	103.2/26.4
R517	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	110.3/33.1
R518	7410001140	S.ARR EXB28V104JX	B	107.0/47.1
R519	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	105.4/48.5
R520	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	96.1/30.8
R523	7030005710	S.RES ERJ2GEJ 121 X (120)	B	114.1/37.6
R524	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	104.5/48.5
R525	7030005710	S.RES ERJ2GEJ 121 X (120)	B	113.2/37.6
R526	7030005710	S.RES ERJ2GEJ 121 X (120)	B	112.3/37.6
R532	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	33.2/45.5
R533	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	31.2/47.7
R534	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	32.3/45.8
R536	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	158.7/30.8
R538	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	155.7/29.3
R539	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	27.7/51.1
R540	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	26.6/49.9
R541	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	139.2/32.0
R542	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	26.2/51.1
R543	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	137.4/31.5
R544	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	164.9/29.4
R545	7030004980	S.RES ERJ2GEJ 101 X (100)	B	140.4/19.9
R546	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	164.9/27.8
R547	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	155.7/27.7
R548	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	159.8/28.0
R549	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	32.0/51.3
R551	7210003050	VAR EVU-F2KFK3 B14 (10KB)		
R552	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	142.3/20.4
R553	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	144.7/20.2
R554	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.6/53.4
R556	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	161.1/19.0
R557	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	29.3/51.3
R558	7030008370	S.RES ERJ2GEJ 561 X (560)	B	169.2/51.1
R559	7030008370	S.RES ERJ2GEJ 561 X (560)	B	155.8/51.1
R560	7030010040	S.RES ERJ2GEJ-JPW	B	139.5/17.2
R562	7030003720	S.RES ERJ3GEYJ 224 V (220K)	B	86.2/43.7
R563	7030003720	S.RES ERJ3GEYJ 224 V (220K)	B	88.2/44.9
R564	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	153.1/19.8
R566	7030008370	S.RES ERJ2GEJ 561 X (560)	B	162.0/49.2

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R567	7030008370	S.RES ERJ2GEJ 561 X (560)	B	148.3/49.9
R568	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	87.5/17.0
R570	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	103.1/24.8
R571	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	45.8/51.6
R572	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.3/50.3
R573	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.4/33.0
R574	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.4/32.1
R575	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	34.8/24.7
R576	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	62.6/12.9
C500	4030016930	S.CER C1005 JB 1A 104K-T	B	79.4/47.9
C501	4030016930	S.CER C1005 JB 1A 104K-T	B	80.9/47.5
C502	4030016930	S.CER C1005 JB 1A 104K-T	B	80.9/46.6
C503	4030016930	S.CER C1005 JB 1A 104K-T	B	80.4/45.3
C504	4030016930	S.CER C1005 JB 1A 104K-T	B	81.3/45.3
C505	4030017490	S.CER C1608 JB 1A 105K-T	B	81.0/41.0
C506	4030017460	S.CER C1005 JB 1H 102K-T	B	84.0/39.8
C507	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/39.5
C508	4030017730	S.CER C1005 JB 1H 471K-T	B	146.4/41.2
C509	4030017730	S.CER C1005 JB 1H 471K-T	B	159.8/34.4
C510	4030017730	S.CER C1005 JB 1H 471K-T	B	159.9/41.2
C511	4030017730	S.CER C1005 JB 1H 471K-T	B	146.4/34.4
C512	4030017030	S.CER C1005 JB 1A 273K-T	B	104.8/21.8
C513	4030017630	S.CER C1005 CH 1H 120J-T	B	106.4/29.4
C514	4030017420	S.CER C1005 CH 1H 470J-T	B	157.7/44.6
C515	4030016790	S.CER C1005 JB 1E 103K-T	B	103.6/50.3
C516	4030017580	S.CER C1005 CH 1H 060C-T	B	113.1/31.4
C517	4030016930	S.CER C1005 JB 1A 104K-T	B	102.2/50.8
C518	4030016790	S.CER C1005 JB 1E 103K-T	B	113.4/35.1
C519	4030017640	S.CER C1005 CH 1H 150J-T	B	111.3/31.8
C520	4030016930	S.CER C1005 JB 1A 104K-T	B	105.2/27.1
C521	4030018900	S.CER C1005 JB 0J 474K-T	B	105.0/30.1
C522	4550006480	S.TAN TEESVA 1C 475M8R	B	46.7/33.3
C523	4030017330	S.CER C1005 JF 1C 104Z-T	B	45.0/31.1
C524	4030016790	S.CER C1005 JB 1E 103K-T	B	49.9/29.5
C525	4550006250	S.TAN TEESVA 1A 106M8R	B	49.0/27.8
C526	4030016930	S.CER C1005 JB 1A 104K-T	B	48.9/26.2
C527	4030016930	S.CER C1005 JB 1A 104K-T	B	34.4/30.0
C530	4030017460	S.CER C1005 JB 1H 102K-T	B	34.6/55.4
C531	4550006250	S.TAN TEESVA 1A 106M8R	B	106.6/20.2
C532	4030017460	S.CER C1005 JB 1H 102K-T	B	31.4/45.8
C533	4030017460	S.CER C1005 JB 1H 102K-T	B	45.4/27.1
C534	4030016930	S.CER C1005 JB 1A 104K-T	B	62.1/14.2
C535	4030016930	S.CER C1005 JB 1A 104K-T	B	30.8/49.1
C536	4030017460	S.CER C1005 JB 1H 102K-T	B	161.0/28.5
C537	4030017460	S.CER C1005 JB 1H 102K-T	B	33.6/53.4
C538	4030018860	S.CER C1005 JB 0J 105K-T	B	26.6/49.0
C539	4030017420	S.CER C1005 CH 1H 470J-T	B	154.8/27.7
C540	4510008590	S.ELE EEE1AA101SP	B	36.9/59.5
C541	4030017330	S.CER C1005 JF 1C 104Z-T	B	150.2/20.0
C542	4030017460	S.CER C1005 JB 1H 102K-T	B	139.4/19.9
C544	4550006250	S.TAN TEESVA 1A 106M8R	B	29.7/60.9
C545	4030017420	S.CER C1005 CH 1H 470J-T	B	168.1/28.2
C546	4030017420	S.CER C1005 CH 1H 470J-T	B	137.4/32.4
C547	4030017420	S.CER C1005 CH 1H 470J-T	B	134.3/32.5
C548	4030017460	S.CER C1005 JB 1H 102K-T	B	161.0/27.5
C549	4030017460	S.CER C1005 JB 1H 102K-T	B	44.2/47.5
C551	4030017420	S.CER C1005 CH 1H 470J-T	B	158.1/19.3
C553	4030017420	S.CER C1005 CH 1H 470J-T	B	140.7/17.6
C555	4030018860	S.CER C1005 JB 0J 105K-T	B	148.6/18.0
C556	4030016790	S.CER C1005 JB 1E 103K-T	B	143.2/23.6
C558	4550006480	S.TAN TEESVA 1C 475M8R	B	143.5/22.1
C559	4030017730	S.CER C1005 JB 1H 471K-T	B	166.3/51.1
C560	4030017730	S.CER C1005 JB 1H 471K-T	B	153.1/51.2
C561	4030017730	S.CER C1005 JB 1H 471K-T	B	162.0/47.0
C562	4030017730	S.CER C1005 JB 1H 471K-T	B	147.4/46.7
C563	4030016930	S.CER C1005 JB 1A 104K-T	B	105.2/28.1
C564	4030016930	S.CER C1005 JB 1A 104K-T	B	103.2/28.0
C565	4030016930	S.CER C1005 JB 1A 104K-T	B	44.0/29.9
C566	4030017460	S.CER C1005 JB 1H 102K-T	B	42.9/49.5
C567	4030016930	S.CER C1005 JB 1A 104K-T	B	42.9/50.4
C568	4030017460	S.CER C1005 JB 1H 102K-T	B	67.3/6.6
C569	4550006250	S.TAN TEESVA 1A 106M8R	B	89.7/40.7
C573	4030016930	S.CER C1005 JB 1A 104K-T	B	34.8/23.8
C574	4030016930	S.CER C1005 JB 1A 104K-T	B	62.6/12.0
C575	4510009020	S.ELE EEE0JA331P	B	106.0/11.4
J501	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	26.9/27.6
J502	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	52.9/15.2
J503	6450002210	CON 3017-8821 <KIN>		
J504	6510014961	S.CON B2B-ZR-SM4-TF(LF)(SN)	B	18.4/57.1
DS500	5030002811	LCD L4-0013TVY-2 <TES>		
DS501	5040002710	LED EMPG3338S		
DS502	5040002720	LED EMVR3338S		
DS503	5040002710	LED EMPG3338S		
DS504	5040002720	LED EMVR3338S		
DS505	5040002310	S.LED SML-311YTT86	T	111.3/43.2
DS506	5040002310	S.LED SML-311YTT86	T	101.3/43.2
DS507	5040002310	S.LED SML-311YTT86	T	91.3/43.2
DS508	5040002310	S.LED SML-311YTT86	T	81.3/43.2
DS509	5040002310	S.LED SML-311YTT86	T	71.3/43.2
DS510	5040002310	S.LED SML-311YTT86	T	61.3/43.2
DS511	5040002150	LED VRPG3349S-734		
DS512	5040002150	LED VRPG3349S-734		
S506	2250000511	ENC RH70N1037E20-13F-2781		

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
SP501	2510001221	SPE C052SB500-14 <OSC>		
W501	8900011800	CAB OPC-1199		
W502	8900017540	CAB OPC-1785		
EP501	8930065150	LCD SRCN-2781-SP-N-W (SHJ)		
EP503	6910019600	SPA LM-5		
EP504	6910019610	SPA LM-7 (SPACER)		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[CONNECT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C601	4030017420	S.CER C1005 CH 1H 470J-T	T	13.8/12.4
C602	4030017400	S.CER C1005 CH 1H 220J-T	T	12.2/12.4
C603	4030017420	S.CER C1005 CH 1H 470J-T	T	16.6/12.4
C604	4030017400	S.CER C1005 CH 1H 220J-T	T	15.0/14.2
C605	4030017420	S.CER C1005 CH 1H 470J-T	T	17.8/13.9
C606	4030017420	S.CER C1005 CH 1H 470J-T	T	19.4/12.4
C607	4030017420	S.CER C1005 CH 1H 470J-T	T	20.6/13.9
C608	4030017420	S.CER C1005 CH 1H 470J-T	T	22.7/12.4
C609	4030017420	S.CER C1005 CH 1H 470J-T	T	25.5/12.4
C610	4030017420	S.CER C1005 CH 1H 470J-T	T	29.7/12.8
C611	4030017420	S.CER C1005 CH 1H 470J-T	T	31.0/14.1
C612	4030017420	S.CER C1005 CH 1H 470J-T	T	32.5/12.8
C613	4030017420	S.CER C1005 CH 1H 470J-T	T	33.6/14.1
C614	4030017420	S.CER C1005 CH 1H 470J-T	T	35.2/14.1
C615	4030017420	S.CER C1005 CH 1H 470J-T	T	35.8/12.8
C616	4030017420	S.CER C1005 CH 1H 470J-T	B	35.2/15.6
C617	4030017420	S.CER C1005 CH 1H 470J-T	T	37.6/13.6
C618	4030017420	S.CER C1005 CH 1H 470J-T	T	39.3/12.2
C619	4030017420	S.CER C1005 CH 1H 470J-T	T	39.9/13.4
C620	4030017420	S.CER C1005 CH 1H 470J-T	T	41.3/12.6
C621	4030017420	S.CER C1005 CH 1H 470J-T	T	27.4/13.9
J601	6510027920	S.CON IMSA-9631S-28Y934	B	22.8/16.2
J602	6510023210	CON CD6125SA1J0 <CVI>		
S1	2260003070	S.SWI MINISMDC150F/24-2	B	38.9/18.0
W601	8900017500	CAB OPC-1852 (P0.5N28L90) <TJM>		

[MAIN-A UNIT] (For [EXP-03] and [CHN-01])

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1-#ZZZB	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.1
IC3	1130010100	S.IC LMX2352TMX/NOPB	B	120.2/43.9
IC4	1130010100	S.IC LMX2352TMX/NOPB	B	28/78.8
IC5	1110003491	S.IC TA31136FNG(D,EL)	B	70.4/82.5
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4
IC8	1130012910	S.IC AK4554VTP-E2/P	B	36.2/59.9
IC9	1190002080	S.IC AD7476ARTZ-500RL7 <FE>	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK(T5L,F)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35
IC12	1140013290	S.IC TMS320VC5509AZHH	B	33.3/37.8
IC13	1180002590	S.REG XC6204B332MR	T	80.9/20.4
IC14	1180003270	S.REG R1114Q161D-TR-F	T	84.4/21.4
IC15	1180002590	S.REG XC6204B332MR	T	87.8/21.3
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.2/52.8
IC20	1140014550	S.IC HD64F2506RFC26DV(EMPTY)	T	33.5/37.6
IC21	1140012950	S.IC 24LC512T-I/SM <SEI>	T	59.1/21.8
IC22	1150002231	IC RA55H3340M-121		
IC23	1110002751	S.IC TA75S01F(TE85R,F)	T	139.3/125.6
IC25	1130008561	S.IC TC75S51F(TE85L,F)	B	29/16.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.7/70
IC27	1180001252	S.IC TA7808F(TE16L1,NQ)	T	116.6/84.1
IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85R,F)	T	12/123.1
IC30	1110003390	S.IC AN8005M-(E1)	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.1/45.2
IC32	1130015410	S.IC AT25DF041A-SSH-T	B	8.9/36.1
IC34	1110005340	S.IC NJM12902V-TE1-#ZZZB	B	12.2/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.2
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4
IC37	1120002830	S.IC NJM2125F-TE1-#FZZB	T	56.6/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180001072	S.IC TA7805F(TE16L1,NQ)	T	101.2/24.3
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2
IC41	1180001252	S.IC TA7808F(TE16L1,NQ)	B	132/16.7
Q1	1590003231	S.TRA UNR9113G0L	B	53.4/79.7
Q2	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	34.9/77.7
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Q4	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	88.8/41.5
Q5	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	33.3/107.5
Q6	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	29.6/101.3
Q7	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	72.9/92.5
Q8	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	92.7/47.7
Q9	1560001360	S.FET 2SK3019 TL	B	39.5/104.5
Q10	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/44.6
Q11	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/104.4
Q12	1590003231	S.TRA UNR9113G0L	B	65.6/101.6
Q13	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/47.7
Q14	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/107.5
Q15	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	92.7/44.6
Q16	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	33.3/104.5
Q19	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	63.2/106.8
Q20	1530002920	S.TRA 2SC4226-T1 R25	B	38.8/123.1
Q21	1530002920	S.TRA 2SC4226-T1 R25	B	39.6/114.5
Q22	1530002920	S.TRA 2SC4226-T1 R25	B	94.6/64.3
Q23	1530002920	S.TRA 2SC4226-T1 R25	B	95.2/55.4
Q24	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	100.5/58.6
Q25	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	44.9/116.2
Q26	1590001400	S.TRA XP1214(TX)	B	40.5/117.8
Q27	1590001400	S.TRA XP1214(TX)	B	96/59.6
Q28	1590003291	S.TRA UNR9213G0L	B	93.3/59.6
Q29	1590003291	S.TRA UNR9213G0L	T	57.2/41.9
Q30	1590003291	S.TRA UNR9213G0L	B	37.8/117.8
Q31	1590003231	S.TRA UNR9113G0L	T	57.2/39.8
Q32	1530004110	S.TRA MT3S37T(TE85L,F)	B	46.5/109.1
Q33	1530004110	S.TRA MT3S37T(TE85L,F)	B	102.1/53.4
Q34	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	46.2/123.1
Q35	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85L,F)	B	47.3/136.1
Q37	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	132.5/84.5
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829(TE85R,F)	B	53.2/140.8
Q40	1590001190	S.TRA XP6501-(TX).AB	T	101.6/87.4
Q41	1520000460	S.TRA 2SB1132 T100 R	T	101.6/82.8
Q42	1590003291	S.TRA UNR9213G0L	T	13.3/67.6
Q43	1590003291	S.TRA UNR9213G0L	T	138.8/122.9
Q44	1590004150	S.TRA DRC9114T0L	T	122.8/79.2
Q45	1540000550	S.TRA 2SD1664 T100Q	T	117/76.3
Q46	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	137.4/120.3
Q48	1510000920	S.TRA 2SA1577 T106 Q	T	101.5/77.8
Q49	1590003291	S.TRA UNR9213G0L	T	102.2/73.7
Q52	1590003291	S.TRA UNR9213G0L	T	10.9/131.6
Q53	1590003291	S.TRA UNR9213G0L	T	10.9/129.6
Q56	1590003560	S.FET TPC6104 (TE85L,F)	T	7.6/132.6
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590003291	S.TRA UNR9213G0L	T	130.2/102.1
Q59	1590000990	S.TRA DTC363EK T146	T	7.6/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	6.8/118.4
Q62	1540000441	S.TRA 2SD1619T-TD-E	T	118.4/18.5
Q63	1560000990	S.FET PMBFJ310	B	66.3/110
Q64	1560000990	S.FET PMBFJ310	B	63.3/110
Q65	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	59.6/123.7
Q66	1590003291	S.TRA UNR9213G0L	B	94.9/4.7
Q67	1590003291	S.TRA UNR9213G0L	B	124.9/4.7
Q68	1590003291	S.TRA UNR9213G0L	B	109.9/4.7
Q69	1590003291	S.TRA UNR9213G0L	T	9.5/53.3

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount



[MAIN-A UNIT] (For [EXP-03] and [CHN-01])

Table with 5 columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Rows include components like S.TRA UNR9113G0L, S.DIO DAN235ETL, S.VAR HVC383BTRF-E, etc.

[MAIN-A UNIT] (For [EXP-03] and [CHN-01])

Table with 5 columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Rows include components like S.COI NLV25T-1R2J, S.COI C3328A-8N0G-A, S.COI C3328A-14NG-A, etc.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount



[MAIN-A UNIT] (For [EXP-03] and [CHN-01])

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R303	7410001150	S.ARR	T	47.7/68.4
R304	7520000261	S.RES	B	95.4/135.9
R306	7520000261	S.POS	B	87.3/130.2
R308	7520000261	S.RES	T	140.7/128.3
R309	7520000261	S.RES	T	102.2/75.7
R313	7520000261	S.RES	T	103.5/77.8
R315	7520000261	S.RES	B	98.6/137.3
R316	7520000261	S.RES	T	11.2/128.2
R320	7520000261	S.RES	T	15/124.1
R321	7520000261	S.RES	B	119.5/142.1
R322	7520000261	S.RES	B	119.4/144.2
R324	7520000261	S.RES	B	31.3/12
R325	7520000261	S.RES	B	32.3/12
R326	7520000261	S.RES	T	13.2/125.7
R327	7520000261	S.RES	B	119.7/132.8
R328	7520000261	S.RES	B	139.3/144.3
R331	7520000261	S.RES	T	12/120
R332	7520000261	S.RES	B	139.5/135
R333	7520000261	S.RES	B	139.3/131.4
R334	7520000261	S.RES	T	57.8/30.5
R335	7520000261	S.RES	T	55.9/29.7
R336	7520000261	S.RES	T	12/120.9
R337	7520000261	S.RES	T	13.2/120.6
R339	7520000261	S.RES	T	12/125.3
R341	7520000261	S.RES	B	33.3/12
R342	7520000261	S.RES	B	45.3/56.9
R346	7520000261	S.ARR	T	43.5/73.8
R347	7520000261	S.RES	T	9.8/132.9
R348	7520000261	S.RES	B	147.2/150.9
R349	7520000261	S.RES	B	26/149.7
R350	7520000261	S.RES	B	6.4/131
R352	7520000261	S.RES	T	10.8/125.5
R353	7520000261	S.RES	B	55.8/56.9
R354	7520000261	S.RES	T	125.2/103.6
R355	7520000261	S.RES	T	129.2/103.6
R356	7520000261	S.RES	T	10.7/133.8
R357	7520000261	S.RES	B	10.1/150.2
R362	7520000261	ABS	T	65.1/71.2
R364	7520000261	S.RES	T	7.4/120.7
R365	7520000261	S.RES	T	6.2/122.7
R366	7520000261	S.RES	T	9.7/117.3
R367	7520000261	S.RES	T	8.5/117.8
R368	7520000261	S.RES	T	9.7/118.2
R369	7520000261	S.RES	T	6.1/120.7
R370	7520000261	S.RES	T	5/117.3
R371	7520000261	S.RES	T	115.3/15.8
R372	7520000261	S.RES	T	115.3/14
R373	7520000261	S.RES	T	111.2/12.3
R374	7520000261	S.RES	T	100.1/16.3
R375	7520000261	S.RES	B	62.3/122.2
R376	7520000261	S.RES	B	62.3/124.7
R377	7520000261	S.RES	B	63.2/126.1
R378	7520000261	S.RES	B	59.6/126.1
R379	7520000261	S.RES	B	57.8/123.7
R380	7520000261	S.RES	B	61.4/126.1
R424	7410001150	S.ARR	T	46.3/42.9
R425	7410001150	S.ARR	T	36.8/23
R426	7410001150	S.ARR	T	47.8/33.9
R427	7410001150	S.RES	T	25.5/26.7
R428	7410001150	S.ARR	T	48/22.7
R429	7410001150	S.ARR	T	49.7/30.2
R430	7410001150	S.ARR	T	52.3/43.6
R431	7410001150	S.ARR	T	17.9/40.3
R432	7410001150	S.ARR	T	15.2/48.2
R433	7410001150	S.ARR	T	39.6/23
R434	7410000750	S.ARR	B	36.8/48.2
R435	7410001140	S.ARR	B	39.1/47.8
R436	7410001140	S.ARR	B	44.3/41.2
R438	7410001140	S.ARR	B	34.4/47.7
R443	7030005000	S.RES	B	60.4/59.2
R444	7030005240	S.RES	B	13.5/33.6
R445	7030005240	S.RES	B	13.5/36.1
R446	7030005240	S.RES	B	13.5/37.4
R447	7030005090	S.RES	T	50.9/19.8
R448	7030005090	S.RES	T	49.7/19.2
R449	7030005170	S.RES	T	39.5/19.2
R450	7030005050	S.RES	T	50.2/17
R454	7030005120	S.RES	B	94.9/2.7
R455	7030005010	S.RES	B	124.9/2.7
R456	7030005120	S.RES	B	109.9/2.7
R467	7030005240	S.RES	B	38/44.6
R468	7410001140	S.ARR	B	31.8/48.5
R469	7030005090	S.RES	B	32.6/44.6
R470	7030005090	S.RES	B	10.9/20.2
R471	7030005090	S.RES	B	47.7/44.2
R472	7030005240	S.RES	B	4.8/36.1
R473	7030005090	S.RES	B	46.2/44.6
R474	7030005530	S.RES	B	15.5/55.3
R475	7030005240	S.RES	B	9/56.2
R476	7030005090	S.RES	B	15/53.5
R477	7030005080	S.RES	B	15/52.6
R478	7030005050	S.RES	B	9.1/54.7
R479	7030005110	S.RES	T	64.2/69.6
R480	7030005050	S.RES	B	15.6/61.5
R481	7030005050	S.RES	B	16.5/59.9
R482	7410001150	S.ARR	T	19.6/45.1
R483	7030005090	S.RES	T	31.2/56.5
R484	7030005090	S.RES	B	28.8/50.9

[MAIN-A UNIT] (For [EXP-03] and [CHN-01])

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R485	7410001150	S.ARR	T	67.3/96.9
R486	7410001150	S.ARR	T	64.8/105.4
R487	7410001150	S.ARR	T	72.8/105.4
R488	7030008400	S.RES	T	9.5/54.9
R489	7030004980	S.RES	B	24.1/58.7
R490	7030008290	S.RES	B	28.2/58.4
R491	7030004980	S.RES	B	26.1/51.2
R492	7030005240	S.RES	B	29.8/58.8
R493	7030010040	S.RES	T	11.3/19
R494	7030005000	S.RES	T	73.2/98.2
R495	7030005100	S.RES	T	55.2/55.3
R496	7030005070	S.RES	T	52.7/56.2
R497	7030005070	S.RES	T	52.7/55.3
R498	7030005600	S.RES	B	61.4/103.1
R499	7030004980	S.RES	T	24.4/57
R500	7030005600	S.RES	T	21.2/57.5
R501	7030005220	S.RES	T	22.8/53.8
R502	7030005090	S.RES	T	28/55
R503	7030007350	S.RES	T	55.5/58.4
R505	7030010040	S.RES	T	113.4/18.3
R506	7030005110	S.RES	T	113.4/19.3
R507	7030005090	S.RES	T	115/19.3
R508	7030010040	S.RES	T	144.6/119.6
R509	7030005050	S.RES	B	33.3/15.2
R510	7030007350	S.RES	B	29/14.1
R511	7030005050	S.RES	B	29.1/18.5
R512	7030005050	S.RES	B	30.8/18.5
R513	7030007280	S.RES	B	72.3/90.4
R530	7030007350	S.RES	T	62.5/66.3
R531	7030007290	S.RES	B	64.6/78.2
R532	7030005000	S.RES	B	45.1/37.1
R533	7030005090	S.RES	T	57.2/18.4
R534	7030005600	S.RES	B	45.3/58.6
R535	7030004980	S.RES	B	55.8/55.3
R536	7030005600	S.RES	B	55.8/58.6
R537	7030010040	S.RES	B	41.6/41.2
R539	7030008300	S.RES	T	64.2/71.2
R540	7030005090	S.RES	T	90.6/17.9
R541	7030005220	S.RES	T	28.9/55
R542	7030005110	S.RES	B	39.9/72.7
R543	7030005080	S.RES	B	40.8/71.1
R544	7030005000	S.RES	B	143/91.4
R545	7030005000	S.RES	B	143/90.5
R546	7030010430	S.RES	B	141.8/91
R548	7030001070	S.RES	T	87/33.2
R549	7030001070	S.RES	T	87/30.1
C1	4030017420	S.CER	B	120.7/39
C2	4030017420	S.CER	B	22.9/78.1
C3	4030016930	S.CER	B	130.8/50.2
C4	4030017420	S.CER	B	122.2/37.1
C5	4030017420	S.CER	B	21.7/77.1
C6	4030016930	S.CER	B	52.4/77.9
C7	4030017420	S.CER	B	123.1/37.1
C8	4030017420	S.CER	B	21.7/75.5
C9	4030017460	S.CER	T	17.6/59
C10	4030016930	S.CER	B	55.7/77.9
C11	4030016930	S.CER	B	124/37.1
C12	4030016930	S.CER	B	22.1/74.3
C13	4030016930	S.CER	B	55.8/80.7
C14	4030017460	S.CER	T	16.1/59.9
C15	4030016930	S.CER	T	62.4/67.5
C16	4030017420	S.CER	B	56.2/64.5
C17	4030016930	S.CER	B	115.6/40.6
C18	4030017690	S.CER	T	62.4/71.2
C19	4030016930	S.CER	B	22.9/80.3
C20	4550006250	S.TAN	B	115.4/37.5
C21	4550006250	S.TAN	B	21.3/80.5
C22	4030016930	S.CER	B	50/77.9
C23	4030016930	S.CER	T	57.8/52.6
C24	4030016930	S.CER	B	50.3/81.1
C25	4030016930	S.CER	B	54.4/81.1
C26	4030017460	S.CER	B	117.8/39.2
C27	4030017460	S.CER	B	23.8/80.3
C28	4030016930	S.CER	B	53.3/77.9
C30	4030017460	S.CER	T	59.8/67
C31	4030016930	S.CER	T	60.5/53
C32	4030017590	S.CER	B	38.4/79.1
C33	4030016930	S.CER	T	58.9/67
C34	4030017570	S.CER	B	37.2/78.7
C35	4030016930	S.CER	B	38.3/76
C36	4030017500	S.CER	B	37.2/79.6
C37	4030016930	S.CER	B	48.4/79.8
C38	4030016930	S.CER	B	69.8/78.2
C39	4030017360	S.CER	B	71.4/77.3
C40	4030017760	S.CER	B	68.2/77.3
C41	4030018860	S.CER	B	31/58.2
C42	4030017760	S.CER	B	68.2/76.4
C43	4030016930	S.CER	B	55.6/49
C44	4030018860	S.CER	B	35.7/56.4
C45	4030016950	S.CER	B	34.5/55.2
C47	4030017460	S.CER	B	64.6/77.3
C48	4030016930	S.CER	T	52.7/54.4
C49	4030018860	S.CER	B	15.6/58.3
C50	4030016930	S.CER	B	130.8/48.4
C51	4030017620	S.CER	B	125.1/45.3
C52	4030017420	S.CER	B	120.6/48.8
C53	4030017420	S.CER	B	32.7/78.4

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount





[MAIN-A UNIT] (For [EXP-03] and [CHN-01])

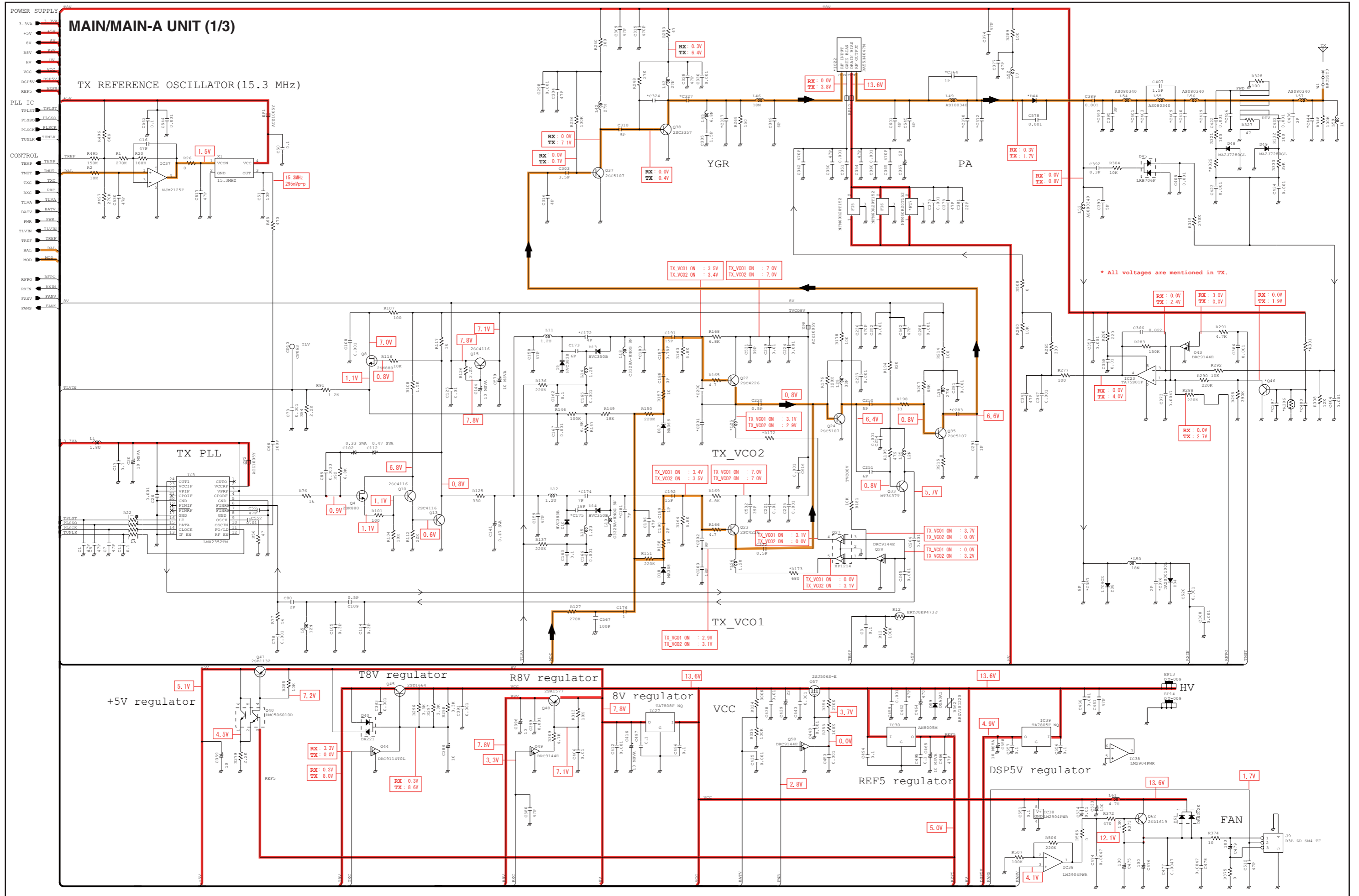
REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C511	4030016930	S.CER C1005 JB 1A 104K-T	B	40.1/34.2
C512	4030017420	S.CER C1005 CH 1H 470J-T	T	92/14.7
C513	4550006250	S.TAN TEESVA 1A 106M8R	B	8.4/59.8
C514	4030016930	S.CER C1005 JB 1A 104K-T	B	11.7/53.5
C515	4030016930	S.CER C1005 JB 1A 104K-T	B	15.5/54.4
C516	4030016930	S.CER C1005 JB 1A 104K-T	T	65.1/69.6
C517	4030016930	S.CER C1005 JB 1A 104K-T	B	15.6/63.1
C518	4030016930	S.CER C1005 JB 1A 104K-T	B	12.4/62.4
C519	4030017460	S.CER C1005 JB 1H 102K-T	B	15.6/59.9
C521	4030016930	S.CER C1005 JB 1A 104K-T	B	18.1/53.6
C522	4030016930	S.CER C1005 JB 1A 104K-T	T	51.2/31.8
C523	4030016930	S.CER C1005 JB 1A 104K-T	T	51.2/33
C524	4030018910	S.CER C1608 JB 0J 475K-T	T	9.5/56
C525	4030018910	S.CER C1608 JB 0J 475K-T	B	25.8/58.3
C526	4030017730	S.CER C1005 JB 1H 471K-T	B	29.8/57.9
C527	4030016790	S.CER C1005 JB 1E 103K-T	B	26.1/50.3
C528	4030017670	S.CER C1005 CH 1H 390J-T	B	37.4/120.7
C529	4030017630	S.CER C1005 CH 1H 120J-T	B	38.3/112.2
C530	4030017420	S.CER C1005 CH 1H 470J-T	T	60.4/62.3
C531	4030017670	S.CER C1005 CH 1H 390J-T	B	93.3/62
C532	4030017670	S.CER C1005 CH 1H 390J-T	B	93.6/52.9
C533	4510008120	S.ELE 16 CE 100 BS	T	125.1/26.4
C534	4030016790	S.CER C1005 JB 1E 103K-T	T	118.5/26.7
C535	4030016790	S.CER C1005 JB 1E 103K-T	B	67.4/101.6
C536	4030016790	S.CER C1005 JB 1E 103K-T	B	65.7/98.3
C538	4030006860	S.CER C1608 JB 1H 102K-T	T	36.2/145.1
C539	4030017790	S.CER C1005 JB 1H 682K-T	T	22.8/57
C540	4030017730	S.CER C1005 JB 1H 471K-T	T	21.2/56.6
C541	4030016930	S.CER C1005 JB 1A 104K-T	T	22.8/55.4
C542	4030017440	S.CER C1005 CH 1H 221J-T	T	27.1/55
C543	4030016930	S.CER C1005 JB 1A 104K-T	T	56.5/68.9
C544	4030017460	S.CER C1005 JB 1H 102K-T	T	62.4/72.9
C545	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH)	T	97.6/106.8
C546	4030018910	S.CER C1608 JB 0J 475K-T	B	40.4/56.7
C547	4030017760	S.CER C1005 JB 1H 222K-T	T	53.7/72.1
C548	4030016930	S.CER C1005 JB 1A 104K-T	T	14.1/120.6
C549	4030017420	S.CER C1005 CH 1H 470J-T	T	23.1/86.8
C550	4030017420	S.CER C1005 CH 1H 470J-T	T	70.1/82.6
C551	4030017330	S.CER C1005 JF 1C 104Z-T	T	114.2/28.9
C552	4030016790	S.CER C1005 JB 1E 103K-T	B	121.9/48.8
C553	4030016930	S.CER C1005 JB 1A 104K-T	B	30.8/19.4
C555	4030016930	S.CER C1005 JB 1A 104K-T	B	69.8/75.5
C556	4030016930	S.CER C1005 JB 1A 104K-T	T	105.2/28.6
C557	4030016930	S.CER C1005 JB 1A 104K-T	T	97/28.6
C558	4550006250	S.TAN TEESVA 1A 106M8R	T	95.1/27.9
C559	4550007080	S.TAN TEESVA 1C 106M8R	T	45.9/75.5
C562	4030017420	S.CER C1005 CH 1H 470J-T	T	38.5/76.1
C563	4030016930	S.CER C1005 JB 1A 104K-T	B	26.5/122.3
C564	4030017570	S.CER C1005 CH 1H 040B-T	B	68.3/131.3
C565	4030017340	S.CER C1005 CH 1H 010B-T	B	47.9/113.5
C566	4030018860	S.CER C1005 JB 0J 105K-T	B	39/72.7
C571	4030017580	S.CER C1005 CH 1H 060C-T	T	64.6/99.1
C572	4030017580	S.CER C1005 CH 1H 060C-T	T	65.6/99.1
C573	4030017580	S.CER C1005 CH 1H 060C-T	T	65.3/97.4
C574	4030017580	S.CER C1005 CH 1H 060C-T	B	64/134.7
C575	4030017420	S.CER C1005 CH 1H 470J-T	B	62.9/132.4
C576	4030017460	S.CER C1005 JB 1H 102K-T	T	67.1/106.5
C577	4030017460	S.CER C1005 JB 1H 102K-T	T	67.1/104.9
C578	4030017200	S.CER GRM31BR32J102KY01L	T	92/126
C579	4550006250	S.TAN TEESVA 1A 106M8R	B	94.7/50.6
C580	4030017420	S.CER C1005 CH 1H 470J-T	T	100.7/73.5
C581	4030018910	S.CER C1608 JB 0J 475K-T	B	46.2/60.9
C582	4030018910	S.CER C1608 JB 0J 475K-T	T	69.7/98.2
C583	4030016930	S.CER C1005 JB 1A 104K-T	B	46.3/58.6
C584	4030016790	S.CER C1005 JB 1E 103K-T	B	54.9/55.3
C585	4030016930	S.CER C1005 JB 1A 104K-T	B	54.9/58.6
C586	4030017730	S.CER C1005 JB 1H 471K-T	B	54.9/56.9
C587	4030016790	S.CER C1005 JB 1E 103K-T	B	52.3/59.8
C588	4030018910	S.CER C1608 JB 0J 475K-T	T	70.9/98.2
C601	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH)	T	97.6/111.3
C610	4030018080	S.CER C1005 JB 1H 182K-T	T	63.3/69.6
C612	4030017460	S.CER C1005 JB 1H 102K-T	B	55.7/29.9
C614	4030017730	S.CER C1005 JB 1H 471K-T	B	29/13.2
C615	4030017370	S.CER C1005 CH 1H 3R5B-T	B	63.2/117.5
C616	4030017460	S.CER C1005 JB 1H 102K-T	T	93.8/64.6
C617	4030017420	S.CER C1005 CH 1H 470J-T	T	60/64.8
C618	4030017420	S.CER C1005 CH 1H 470J-T	T	64.9/53.3
C619	4030017420	S.CER C1005 CH 1H 470J-T	T	74.2/107.7
C620	4030017420	S.CER C1005 CH 1H 470J-T	T	73.7/96.8
C621	4030017420	S.CER C1005 CH 1H 470J-T	T	31.5/2.8
C622	4030018910	S.CER C1608 JB 0J 475K-T	T	64.3/73.2
C623	4030017330	S.CER C1005 JF 1C 104Z-T	B	126.8/16
C624	4030017330	S.CER C1005 JF 1C 104Z-T	B	126.3/20.3
C625	4030017460	S.CER C1005 JB 1H 102K-T	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
C638	4030019120	S.CER GRM188B31E105KA75D	T	12.9/133.4
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	14.8/15.6
J4	6510023512	S.CON 28FLT-SM2-TB(LF)(SN)(M)	T	70.8/102
J5	6510023110	CON 3008L-8P8C <KIN>		
J6	6450000140	CON HSJ0807-01-010		
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	59.1/15.6
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.6/14.3
J10	6510004910	CON NR-DS-E 01 <NIP>		

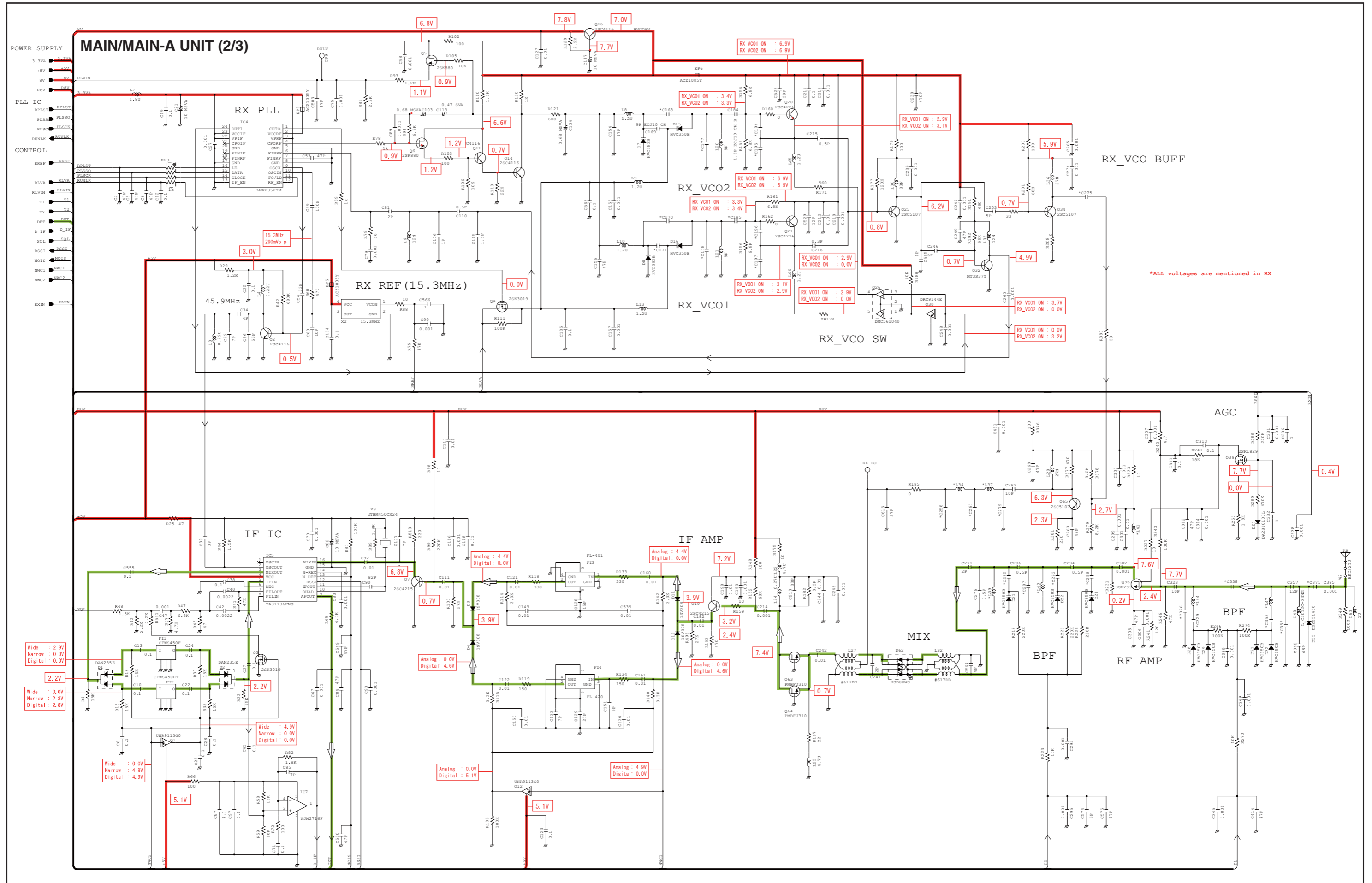
[MAIN-A UNIT] (For [EXP-03] and [CHN-01])

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
J11	6510004910	CON NR-DS-E 01 <NIP>		
DS1	5040002961	S.LED SML-A12MT T86J	B	96/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126/1.1
DS3	5040003001	S.LED SML-A12UT T86J	B	111/1.1
MF1	2710000870	FAN AFB0512HB-7X22 <USE>HK		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	30.4/60.5
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.8/39.3
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

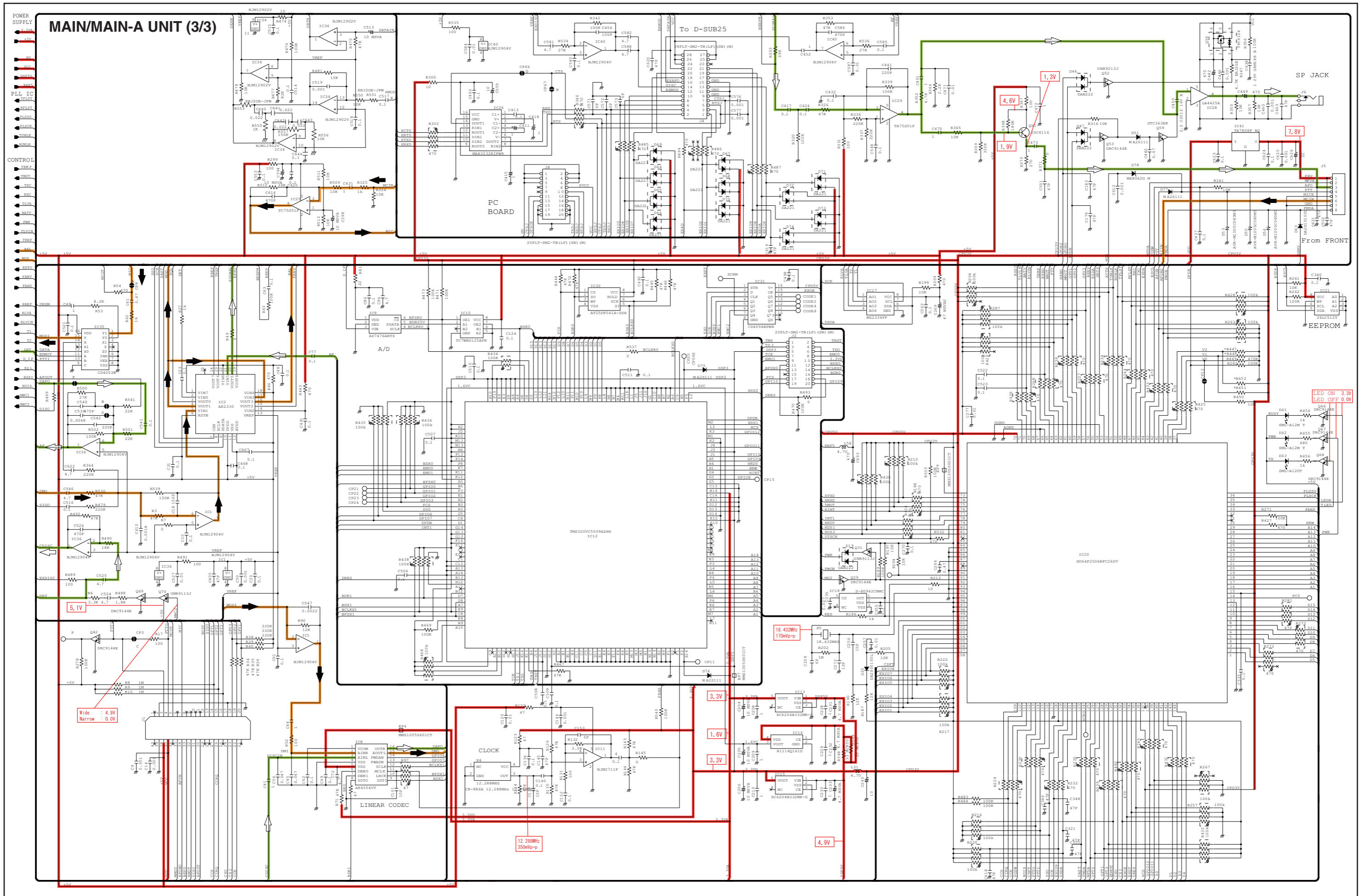
# VOLTAGE DIAGRAM





\*, Refer to "PARTS LIST"





\*; Refer to "PARTS LIST"

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## IC-FR6000 IC-FR6100 IC-FR6000-L

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### CONTENTS

REPLACEMENT PAGE .....	6-1
PARTS LIST .....	1
VOLTAGE DIAGRAM .....	18

MODEL	VERSION	FREQUENCY RANGE	CHANNEL SPACING	TX POWER
IC-FR6000	USA-01	400-470 MHz	6.25/12.5/25.0 kHz	50 W
	USA-02	450-512 MHz		
	EXP-01	400-470 MHz	12.5/25.0 kHz	
	EXP-02	450-520 MHz		
	EXP-03	400-470 MHz		
IC-FR6000-L	CHN-01	350-400 MHz	6.25/12.5/25.0 kHz	
IC-FR6100	EUR-01	400-470 MHz	12.5/20.0/25.0 kHz	25 W
	DPM-01		6.25/12.5/20.0/25.0	

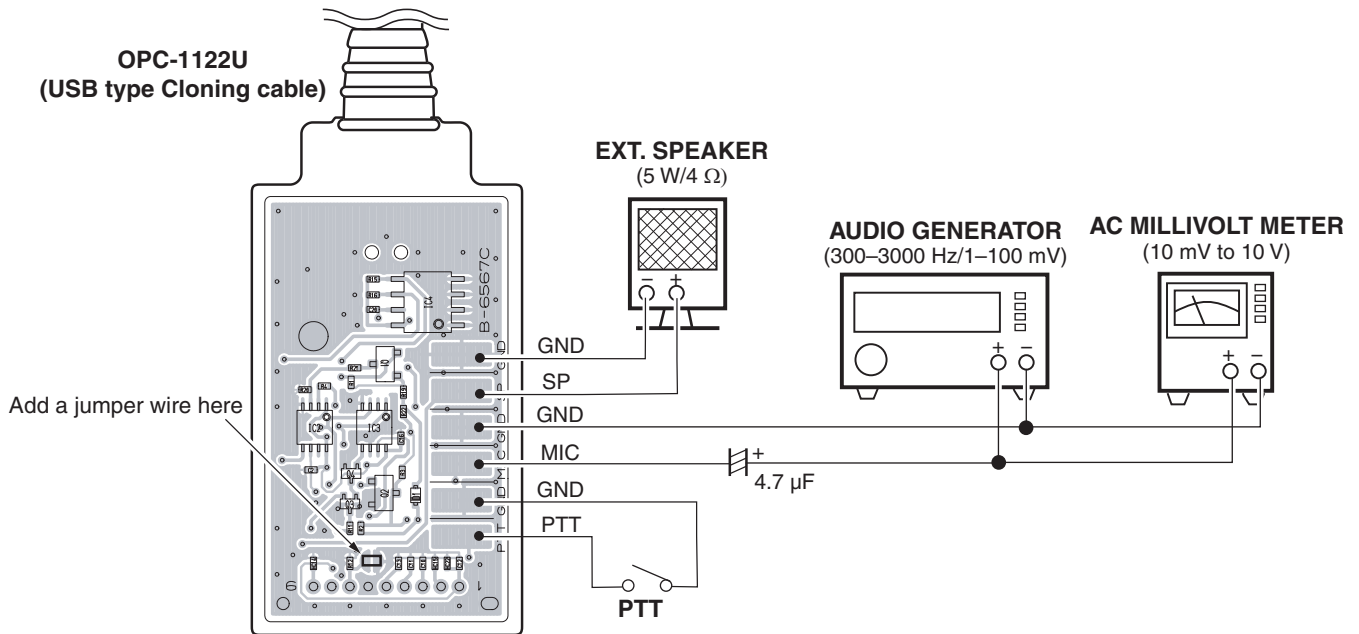
# SECTION 6 ADJUSTMENT PROCEDURE

## 6-1 PREPARATION

### ■ REQUIRED EQUIPMENTS

EQUIPMENT	SPECIFICATION	EQUIPMENT	SPECIFICATION
Adjustment Software (Revision 1.0 or later)	"CS-FR5000" (All models except [DPM-01]) "CS-FR5000(dPMR)" [DPM-01]	JIG cable	Modified OPC-1122U (USB type) (see the illust below)
Power Supply	Output voltage : 13.6 V DC [FR6000/L] 13.2 V DC [FR6100] Current capacity : More than 20 A [FR6000/L] More than 10 A [FR6100]	Attenuator	Power attenuation : 40 dB Capacity : More than 60 W [FR6000/L] More than 30 W [FR6100]
RF Power Meter (terminated type)	Measuring range : 1–60 W [FR6000/L] 1–30 W [FR6100] Frequency range : 100–600 MHz Impedance : 50 Ω SWR : Less than 1.2 : 1	Standard Signal Generator (SSG)	Frequency range : 0.1–600 MHz Output level : 0.1 mV to 32 mV (–127 to –17 dBm)
		Audio Generator	Frequency range : 300–3000 Hz Output level : 1–500 mV
Frequency Counter	Frequency range : 0.1–600 MHz Frequency accuracy : ±1 ppm or better Input level : Less than 1 mW	AC Millivoltmeter	Measuring range : 10 mV to 10 V
		Oscilloscope	Frequency range : DC–20 MHz Measuring range : 0.01–20 V
Modulation Analyzer	Frequency range : 30–600 MHz Measuring range : 0 to ±10 kHz	External Speaker	Input impedance : 4 Ω Capacity : More than 5 W

### ■ JIG CABLE







[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains parts list for models except IC-FR6000-L.

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Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains parts list for models except IC-FR6000-L.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount











[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists various components and their specifications.

[MAIN UNIT] (For all models except the IC-FR6000-L)

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M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[MAIN UNIT] (For all models except the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C620	4030017420	S.CER C1005 CH 1H 470J-T	T	73.7/96.8
C621	4030017420	S.CER C1005 CH 1H 470J-T	T	31.5/2.8
C622	4030018910	S.CER C1608 JB 0J 475K-T	T	64.3/73.2
C623	4030017330	S.CER C1005 JF 1C 104Z-T	B	126.8/16
C624	4030017330	S.CER C1005 JF 1C 104Z-T	B	126.3/20.3
C625	4030017460	S.CER C1005 JB 1H 102K-T	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23
C630	4030017420	S.CER C1005 CH 1H 470J-T [EUR-01]	T	106.4/106.8
	4030017420	S.CER C1005 CH 1H 470J-T [DPM-01]	T	
C631	4030017580	S.CER C1005 CH 1H 060C-T [EUR-01]	T	113.5/108.3
	4030017580	S.CER C1005 CH 1H 060C-T [DPM-01]	T	
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
C638	4030019120	S.CER GRM188B31E105KA75D	T	12.9/133.3
C640	4030018900	S.CER C1005 JB 0J 474K-T	B	8.9/58.3
C641	4030016970	S.CER C1005 JB 1E 223K-T	B	8.4/59.5
C642	4030016970	S.CER C1005 JB 1E 223K-T	B	8.9/60.7
C643	4030016970	S.CER C1005 JB 1E 223K-T	B	8/60.7
C644	4030016930	S.CER C1005 JB 1A 104K-T	B	11.6/62.9
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	14.8/15.6
J4	6510023512	S.CON 28FLT-SM2-TB(LF)(SN)(M)	T	70.8/102
J5	6510023110	CON 3008L-8P8C <KIN>		
J6	6450000140	CON HSJ0807-01-010		
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	59.1/15.6
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.6/14.3
J10	6510004910	CON NR-DS-E 01 <NIP>		
J11	6510004910	CON NR-DS-E 01 <NIP>		
DS1	5040002961	S.LED SML-A12MT T86J	B	96/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126/1.1
DS3	5040003001	S.LED SML-A12UT T86J	B	111/1.1
MF1	2710000870	FAN AFB0512HB-7X22 <USE>HK		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	30.4/60.5
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.8/39.3
EP10	6910011560	BEA HF70B84.5X5X1.6		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC500	1130009121	S.IC S1D15206F00A200	B	69.4/35.9
IC501	1110005771	S.IC S-80942CNMC-G9CT2G	B	105.3/24
IC502	1140014582	S.IC UPD78F1153GK(R)-GAK-AX (3063C-3)	B	101.3/38.7
IC503	1110005350	S.IC NJM2870F05-TE1-#FZZB	B	47.2/30.5
IC506	1140013200	S.IC CD4053BPWR	B	39.1/31.7
IC508	1110002751	S.IC TA75S01F(TE85R,F)	B	143/18
IC509	1110006770	S.IC TDA8547TS/N	B	28.4/55.8
Q500	1590001050	S.TRA DTC114TUA T106	B	148.4/41.4
Q501	1590001050	S.TRA DTC114TUA T106	B	161.8/34.6
Q502	1590001050	S.TRA DTC114TUA T106	B	161.8/41.4
Q503	1590001050	S.TRA DTC114TUA T106	B	148.4/34.6
Q504	1590001050	S.TRA DTC114TUA T106	B	91.4/45.6
Q506	1590001190	S.TRA XP6501-(TX).AB	B	32.9/48.1
Q508	1520000460	S.TRA 2SB1132 T100 R	B	36.9/52.6
Q510	1590001050	S.TRA DTC114TUA T106	B	152.8/53.2
Q511	1590001050	S.TRA DTC114TUA T106	B	166.2/53
Q513	1590001060	S.TRA DTA114TUA T106	B	168.7/53
Q514	1590001060	S.TRA DTA114TUA T106	B	160.1/49.6
Q515	1590001060	S.TRA DTA114TUA T106	B	155.3/53.2
Q516	1590001060	S.TRA DTA114TUA T106	B	145.3/49.9
Q517	1590001050	S.TRA DTC114TUA T106	B	160.1/46.9
Q518	1590001050	S.TRA DTC114TUA T106	B	145.3/47
D503	1790001261	S.DIO MA2S077G0L	B	112.3/33.9
D504	1790001251	S.DIO MA2S1110GL	B	95/45.8
D505	1790001450	S.DIO RB160L-40 TE-25	B	41.8/26.6
D506	1790001450	S.DIO RB160L-40 TE-25	B	63.2/6.6
D507	1790000951	S.ZEN MAZ8056GML	B	160.8/29.9
D508	1750000370	S.DIO DA221 TL	B	153.2/27.7
D509	1750000370	S.DIO DA221 TL	B	166.4/28.1
D510	1790001251	S.DIO MA2S1110GL	B	43.2/51.5
D511	1790001251	S.DIO MA2S1110GL	B	115.8/44.9
D512	1790001251	S.DIO MA2S1110GL	B	65.3/10.2
D513	1790001251	S.DIO MA2S1110GL	B	36.3/24.4
X501	6050012680	S.XTA CR-858(SMD-49/18.432 MHz) <JJE>	B	113.1/28.2
L500	6200002861	S.COI NLV25T-4R7J	B	106/17.9
L501	6200003640	S.COI MLF1608E 100K-T	B	161.5/17.9
L502	6200002861	S.COI NLV25T-4R7J	B	85.9/39.3
R500	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	83.5/43.7
R501	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	87.4/47.5
R506	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	157.7/36.3
R507	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	167.9/44.3
R508	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	167.9/37.7
R509	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	155.4/44.5
R510	7030005530	S.RES ERJ2GEJ 100 X (10)	B	106.8/30.5
R511	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	105.8/30.5
R512	7510001730	S.THE ERTJOEP 473J	B	103.1/48.9
R513	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	102.2/49.8
R514	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	113.1/32.2
R515	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	112.3/35.9
R516	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	103.2/26.4
R517	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	110.3/33
R518	7410001140	S.ARR EXB28V104JX	B	106.9/47.1
R519	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	105.4/48.4
R520	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	96.1/30.7
R523	7030005710	S.RES ERJ2GEJ 121 X (120)	B	114.1/37.6
R524	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	104.4/48.4
R525	7030005710	S.RES ERJ2GEJ 121 X (120)	B	113.2/37.6
R526	7030005710	S.RES ERJ2GEJ 121 X (120)	B	112.3/37.6
R532	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	33.2/45.5
R533	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	31.2/47.7
R534	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	32.2/45.7
R536	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	158.7/30.8
R538	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	155.7/29.3
R539	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	27.6/51.1
R540	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	26.6/49.9
R541	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	139.1/31.9
R542	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	26.1/51.1
R543	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	137.3/31.5
R544	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	164.9/29.3
R545	7030004980	S.RES ERJ2GEJ 101 X (100)	B	140.3/19.9
R546	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	164.8/27.7
R547	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	155.7/27.7
R548	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	159.8/28
R549	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	32/51.3
R551	7210003050	VAR EVU-F2KFK3 B14 (10KB)		
R552	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	142.3/20.3
R553	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	144.6/20.1
R554	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.6/53.4
R556	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	161.1/19
R557	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	29.2/51.3
R558	7030008370	S.RES ERJ2GEJ 561 X (560)	B	169.1/51.1
R559	7030008370	S.RES ERJ2GEJ 561 X (560)	B	155.7/51
R560	7030010040	S.RES ERJ2GEJ-JPW	B	139.4/17.1
R562	7030003720	S.RES ERJ3GEYJ 224 V (220K)	B	86.2/43.7
R563	7030003720	S.RES ERJ3GEYJ 224 V (220K)	B	88.2/44.9
R564	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	153/19.8
R566	7030008370	S.RES ERJ2GEJ 561 X (560)	B	161.9/49.1

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R567	7030008370	S.RES ERJ2GEJ 561 X (560)	B	148.3/49.9
R568	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	87.4/16.9
R570	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	103/24.8
R571	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	45.8/51.5
R572	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.2/50.3
R573	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.3/33
R574	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.3/32.1
R575	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	34.7/24.6
R576	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	62.6/12.8
C500	4030016930	S.CER C1005 JB 1A 104K-T	B	79.3/47.9
C501	4030016930	S.CER C1005 JB 1A 104K-T	B	80.8/47.4
C502	4030016930	S.CER C1005 JB 1A 104K-T	B	80.8/46.5
C503	4030016930	S.CER C1005 JB 1A 104K-T	B	80.4/45.3
C504	4030016930	S.CER C1005 JB 1A 104K-T	B	81.3/45.3
C505	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/41
C506	4030017460	S.CER C1005 JB 1H 102K-T	B	83.9/39.8
C507	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/39.5
C508	4030017730	S.CER C1005 JB 1H 471K-T	B	146.4/41.2
C509	4030017730	S.CER C1005 JB 1H 471K-T	B	159.8/34.4
C510	4030017730	S.CER C1005 JB 1H 471K-T	B	159.9/41.2
C511	4030017730	S.CER C1005 JB 1H 471K-T	B	146.4/34.4
C512	4030017030	S.CER C1005 JB 1A 273K-T	B	104.7/21.7
C513	4030017630	S.CER C1005 CH 1H 120J-T	B	106.4/29.3
C514	4030017420	S.CER C1005 CH 1H 470J-T	B	157.7/44.5
C515	4030016790	S.CER C1005 JB 1E 103K-T	B	103.5/50.2
C516	4030017580	S.CER C1005 CH 1H 060C-T	B	113.1/31.3
C517	4030016930	S.CER C1005 JB 1A 104K-T	B	102.2/50.7
C518	4030016790	S.CER C1005 JB 1E 103K-T	B	113.3/35.1
C519	4030017640	S.CER C1005 CH 1H 150J-T	B	111.3/31.8
C520	4030016930	S.CER C1005 JB 1A 104K-T	B	105.1/27.1
C521	4030018900	S.CER C1005 JB 0J 474K-T	B	104.9/30
C522	4550006480	S.TAN TEESVA 1C 475M8R	B	46.7/33.2
C523	4030017330	S.CER C1005 JF 1C 104Z-T	B	44.9/31
C524	4030016790	S.CER C1005 JB 1E 103K-T	B	49.9/29.5
C525	4550006250	S.TAN TEESVA 1A 106M8R	B	49/27.7
C526	4030016930	S.CER C1005 JB 1A 104K-T	B	48.9/26.1
C527	4030016930	S.CER C1005 JB 1A 104K-T	B	34.3/30
C530	4030017460	S.CER C1005 JB 1H 102K-T	B	34.5/55.4
C531	4550006250	S.TAN TEESVA 1A 106M8R	B	106.6/20.2
C532	4030017460	S.CER C1005 JB 1H 102K-T	B	31.3/45.7
C533	4030017460	S.CER C1005 JB 1H 102K-T	B	45.3/27
C534	4030016930	S.CER C1005 JB 1A 104K-T	B	62.1/14.2
C535	4030016930	S.CER C1005 JB 1A 104K-T	B	30.7/49
C536	4030017460	S.CER C1005 JB 1H 102K-T	B	161/28.5
C537	4030017460	S.CER C1005 JB 1H 102K-T	B	33.6/53.4
C538	4030018860	S.CER C1005 JB 0J 105K-T	B	26.6/49
C539	4030017420	S.CER C1005 CH 1H 470J-T	B	154.8/27.7
C540	4510008590	S.ELE EEE1AA101SP	B	36.9/59.4
C541	4030017330	S.CER C1005 JF 1C 104Z-T	B	150.1/20
C542	4030017460	S.CER C1005 JB 1H 102K-T	B	139.3/19.9
C544	4550006250	S.TAN TEESVA 1A 106M8R	B	29.7/60.8
C545	4030017420	S.CER C1005 CH 1H 470J-T	B	168.1/28.1
C546	4030017420	S.CER C1005 CH 1H 470J-T	B	137.3/32.4
C547	4030017420	S.CER C1005 CH 1H 470J-T	B	134.2/32.4
C548	4030017460	S.CER C1005 JB 1H 102K-T	B	161/27.5
C549	4030017460	S.CER C1005 JB 1H 102K-T	B	44.1/47.4
C551	4030017420	S.CER C1005 CH 1H 470J-T	B	158.1/19.3
C553	4030017420	S.CER C1005 CH 1H 470J-T	B	140.6/17.6
C555	4030018860	S.CER C1005 JB 0J 105K-T	B	148.5/17.9
C556	4030016790	S.CER C1005 JB 1E 103K-T	B	143.1/23.6
C558	4550006480	S.TAN TEESVA 1C 475M8R	B	143.5/22
C559	4030017730	S.CER C1005 JB 1H 471K-T	B	166.3/51.1
C560	4030017730	S.CER C1005 JB 1H 471K-T	B	153.1/51.1
C561	4030017730	S.CER C1005 JB 1H 471K-T	B	161.9/46.9
C562	4030017730	S.CER C1005 JB 1H 471K-T	B	147.4/46.6
C563	4030016930	S.CER C1005 JB 1A 104K-T	B	105.1/28
C564	4030016930	S.CER C1005 JB 1A 104K-T	B	103.2/28
C565	4030016930	S.CER C1005 JB 1A 104K-T	B	44/29.9
C566	4030017460	S.CER C1005 JB 1H 102K-T	B	42.8/49.5
C567	4030016930	S.CER C1005 JB 1A 104K-T	B	42.8/50.4
C568	4030017460	S.CER C1005 JB 1H 102K-T	B	67.3/6.6
C569	4550006250	S.TAN TEESVA 1A 106M8R	B	89.6/40.7
C573	4030016930	S.CER C1005 JB 1A 104K-T	B	34.7/23.7
C574	4030016930	S.CER C1005 JB 1A 104K-T	B	62.6/11.9
C575	4510009020	S.ELE EEE0JA331P	B	106/11.4
J501	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	26.9/27.5
J502	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	52.9/15.1
J503	6450002210	CON 3017-8821 <KIN>		
J504	6510014961	S.CON B2B-ZR-SM4-TF(LF)(SN)	B	18.4/57
DS500	5030002811	LCD L4-0013TVY-2		
DS501	5040002710	LED EMPG3338S		
DS502	5040002720	LED EMVR3338S		
DS503	5040002710	LED EMPG3338S		
DS504	5040002720	LED EMVR3338S		
DS505	5040002310	S.LED SML-311YTT86	T	111.2/43.2
DS506	5040002310	S.LED SML-311YTT86	T	101.3/43.2
DS507	5040002310	S.LED SML-311YTT86	T	91.3/43.2
DS508	5040002310	S.LED SML-311YTT86	T	81.2/43.1
DS509	5040002310	S.LED SML-311YTT86	T	71.3/43.2
DS510	5040002310	S.LED SML-311YTT86	T	61.3/43.2
DS511	5040002150	LED VRPG3349S-734		
DS512	5040002150	LED VRPG3349S-734		

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
S506	2250000511	ENC RH70N1037E20-13F-2781		
SP501	2510001221	SPE C052SB500-14 <OSC>		
EP501	8930065150	LCD SRCN-2781-SP-N-W (SHJ)		
EP503	6910019600	SPA LM-5		
EP504	6910019610	SPA LM-7 (SPACER)		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[CONNECT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C601	4030017420	S.CER C1005 CH 1H 470J-T	T	13.8/12.4
C602	4030017400	S.CER C1005 CH 1H 220J-T	T	12.2/12.4
C603	4030017420	S.CER C1005 CH 1H 470J-T	T	16.5/12.4
C604	4030017400	S.CER C1005 CH 1H 220J-T	T	15/14.2
C605	4030017420	S.CER C1005 CH 1H 470J-T	T	17.8/13.9
C606	4030017420	S.CER C1005 CH 1H 470J-T	T	19.4/12.4
C607	4030017420	S.CER C1005 CH 1H 470J-T	T	20.5/13.9
C608	4030017420	S.CER C1005 CH 1H 470J-T	T	22.6/12.4
C609	4030017420	S.CER C1005 CH 1H 470J-T	T	25.5/12.4
C610	4030017420	S.CER C1005 CH 1H 470J-T	T	29.7/12.8
C611	4030017420	S.CER C1005 CH 1H 470J-T	T	31/14.1
C612	4030017420	S.CER C1005 CH 1H 470J-T	T	32.4/12.8
C613	4030017420	S.CER C1005 CH 1H 470J-T	T	33.5/14.1
C614	4030017420	S.CER C1005 CH 1H 470J-T	T	35.2/14.1
C615	4030017420	S.CER C1005 CH 1H 470J-T	T	35.7/12.8
C616	4030017420	S.CER C1005 CH 1H 470J-T	B	35.2/15.6
C617	4030017420	S.CER C1005 CH 1H 470J-T	T	37.5/13.5
C618	4030017420	S.CER C1005 CH 1H 470J-T	T	39.3/12.2
C619	4030017420	S.CER C1005 CH 1H 470J-T	T	39.9/13.4
C620	4030017420	S.CER C1005 CH 1H 470J-T	T	41.3/12.6
C621	4030017420	S.CER C1005 CH 1H 470J-T	T	27.4/13.9
J601	6510026290	S.CON IMSA-9631S-28Y921	B	22.8/16.2
J602	6510023210	CON CD6125SA1J0 <CVI>		
S1	2260003070	S.SWI MINISMDC150F/24-2	B	38.9/18

[MAIN-A UNIT] (For the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1-#ZZZB	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.1
IC3	1130010100	S.IC LMX2352TMX/NOPB	B	120.2/43.9
IC4	1130010100	S.IC LMX2352TMX/NOPB	B	28/78.8
IC5	1110003491	S.IC TA31136FNG(D,EL)	B	70.4/82.5
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4
IC8	1130012910	S.IC AK4554VTP-E2/P	B	36.2/59.9
IC9	1190002080	S.IC AD7476ARTZ-500RL7 <FE>	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK(T5L,F)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35
IC12	1140013290	S.IC TMS320VC5509AZHH	B	33.3/37.8
IC13	1180002590	S.REG XC6204B332MR	T	80.9/20.4
IC14	1180003270	S.REG R1114Q161D-TR-F	T	84.4/21.4
IC15	1180002590	S.REG XC6204B332MR	T	87.8/21.3
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.2/52.8
IC20	1140014550	S.IC HD64F2506RFC26DV(EMPTY)	T	33.5/37.6
IC21	1140012950	S.IC 24LC512T-I/SM <SEI>	T	59.1/21.8
IC22	1150002231	IC RA55H3340M-121		
IC23	1110002751	S.IC TA75S01F(TE85R,F)	T	139.3/125.6
IC25	1130008561	S.IC TC75S51F(TE85L,F)	B	29/16.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.7/70
IC27	1180001252	S.IC TA7808F(TE16L1,NQ)	T	116.6/84.1
IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85R,F)	T	12/123.1
IC30	1110003390	S.IC AN8005M-(E1)	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.1/45.2
IC32	1130015410	S.IC AT25DF041A-SSH-T	B	8.9/36.1
IC34	1110005340	S.IC NJM12902V-TE1-#ZZZB	B	12.2/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.2
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4
IC37	1120002830	S.IC NJM2125F-TE1-#FZZB	T	56.6/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180001072	S.IC TA7805F(TE16L1,NQ)	T	101.2/24.3
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2
IC41	1180001252	S.IC TA7808F(TE16L1,NQ)	B	132/16.7
Q1	1590003231	S.TRA UNR9113G0L	B	53.4/79.7
Q2	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	34.9/77.7
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Q4	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	88.8/41.5
Q5	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	33.3/107.5
Q6	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	29.6/101.3
Q7	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	72.9/92.5
Q8	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	92.7/47.7
Q9	1560001360	S.FET 2SK3019 TL	B	39.5/104.5
Q10	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/44.6
Q11	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/104.4
Q12	1590003231	S.TRA UNR9113G0L	B	65.6/101.6
Q13	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/47.7
Q14	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/107.5
Q15	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	92.7/44.6
Q16	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	33.3/104.5
Q19	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	63.2/106.8
Q20	1530002920	S.TRA 2SC4226-T1 R25	B	38.8/123.1
Q21	1530002920	S.TRA 2SC4226-T1 R25	B	39.6/114.5
Q22	1530002920	S.TRA 2SC4226-T1 R25	B	94.6/64.3
Q23	1530002920	S.TRA 2SC4226-T1 R25	B	95.2/55.4
Q24	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	100.5/58.6
Q25	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	44.9/116.2
Q26	1590001400	S.TRA XP1214(TX)	B	40.5/117.8
Q27	1590001400	S.TRA XP1214(TX)	B	96/59.6
Q28	1590003291	S.TRA UNR9213G0L	B	93.3/59.6
Q29	1590003291	S.TRA UNR9213G0L	T	57.2/41.9
Q30	1590003291	S.TRA UNR9213G0L	B	37.8/117.8
Q31	1590003231	S.TRA UNR9113G0L	T	57.2/39.8
Q32	1530004110	S.TRA MT3S37T(TE85L,F)	B	46.5/109.1
Q33	1530004110	S.TRA MT3S37T(TE85L,F)	B	102.1/53.4
Q34	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	46.2/123.1
Q35	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85L,F)	B	47.3/136.1
Q37	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	132.5/84.5
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829(TE85R,F)	B	53.2/140.8
Q40	1590001190	S.TRA XP6501-(TX).AB	T	101.6/87.4
Q41	1520000460	S.TRA 2SB1132 T100 R	T	101.6/82.8
Q42	1590003291	S.TRA UNR9213G0L	T	13.3/67.6
Q43	1590003291	S.TRA UNR9213G0L	T	138.8/122.9
Q44	1590004150	S.TRA DRC9114T0L	T	122.8/79.2
Q45	1540000550	S.TRA 2SD1664 T100Q	T	117/76.3
Q46	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	137.4/120.3
Q48	1510000920	S.TRA 2SA1577 T106 Q	T	101.5/77.8
Q49	1590003291	S.TRA UNR9213G0L	T	102.2/73.7
Q52	1590003291	S.TRA UNR9213G0L	T	10.9/131.6
Q53	1590003291	S.TRA UNR9213G0L	T	10.9/129.6
Q56	1590003560	S.FET TPC6104 (TE85L,F)	T	7.6/132.6
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590003291	S.TRA UNR9213G0L	T	130.2/102.1
Q59	1590000990	S.TRA DTC363EK T146	T	7.6/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	6.8/118.4
Q62	1540000441	S.TRA 2SD1619T-TD-E	T	118.4/18.5
Q63	1560000990	S.FET PMBFJ310	B	66.3/110
Q64	1560000990	S.FET PMBFJ310	B	63.3/110
Q65	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	59.6/123.7
Q66	1590003291	S.TRA UNR9213G0L	B	94.9/4.7
Q67	1590003291	S.TRA UNR9213G0L	B	124.9/4.7
Q68	1590003291	S.TRA UNR9213G0L	B	109.9/4.7
Q69	1590003291	S.TRA UNR9213G0L	T	9.5/53.3

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount







[MAIN-A UNIT] (For the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Rows include parts like R303, R304, R306, etc., with descriptions such as S.ARR EXB28V471JX and S.RES ERJ2GEJ 103 X (10K).

[MAIN-A UNIT] (For the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Rows include parts like R485, R486, R487, etc., with descriptions such as S.ARR EXB28V471JX and S.CER C1005 CH 1H 470J-T.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount





[MAIN-A UNIT] (For the IC-FR6000-L)

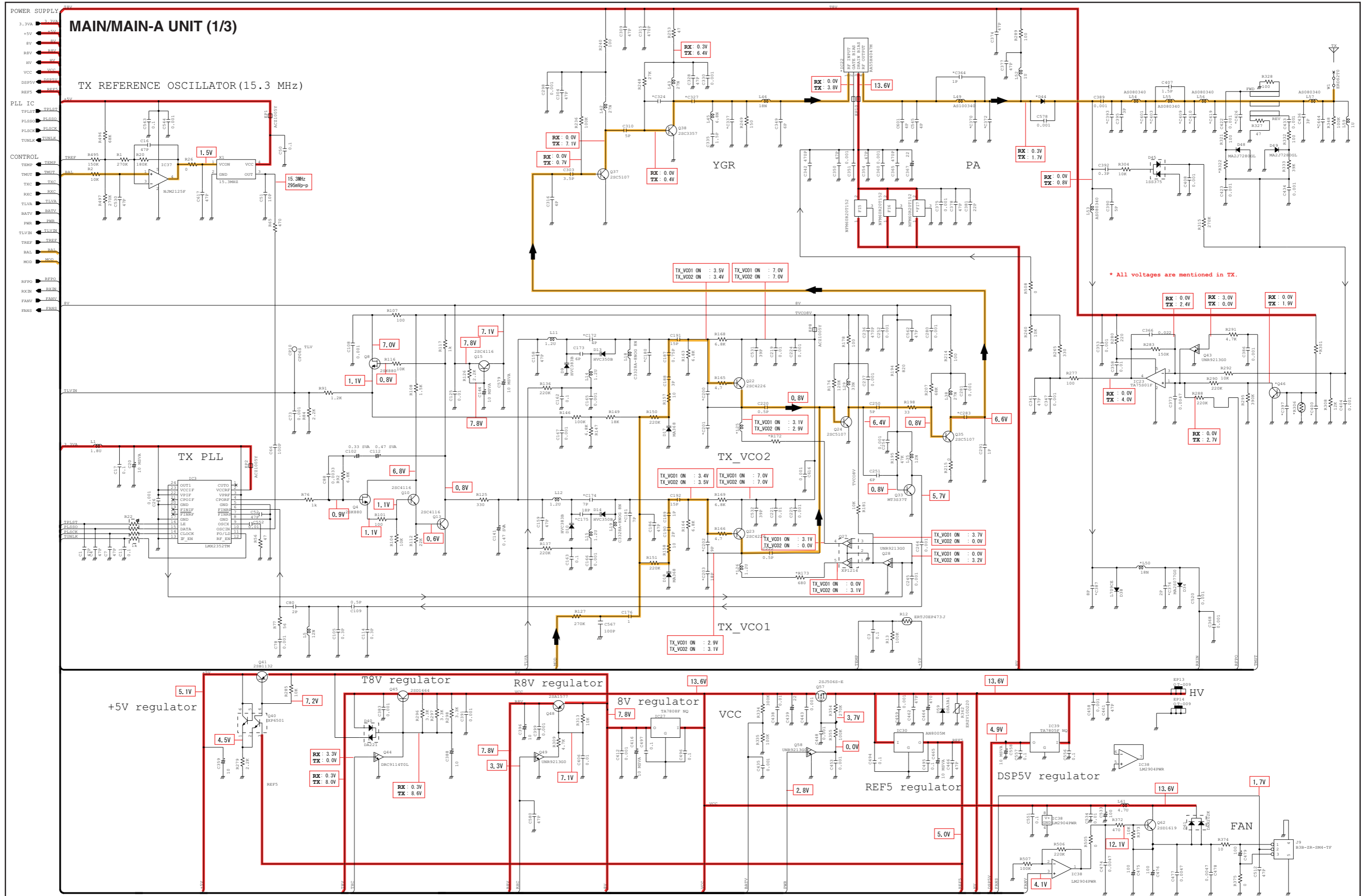
REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C511	4030016930	S.CER C1005 JB 1A 104K-T	B	40.1/34.2
C512	4030017420	S.CER C1005 CH 1H 470J-T	T	92/14.7
C513	4550006250	S.TAN TEESVA 1A 106M8R	B	8.4/59.8
C514	4030016930	S.CER C1005 JB 1A 104K-T	B	11.7/53.5
C515	4030016930	S.CER C1005 JB 1A 104K-T	B	15.5/54.4
C516	4030016930	S.CER C1005 JB 1A 104K-T	T	65.1/69.6
C517	4030016930	S.CER C1005 JB 1A 104K-T	B	15.6/63.1
C518	4030016930	S.CER C1005 JB 1A 104K-T	B	12.4/62.4
C519	4030017460	S.CER C1005 JB 1H 102K-T	B	15.6/59.9
C521	4030016930	S.CER C1005 JB 1A 104K-T	B	18.1/53.6
C522	4030016930	S.CER C1005 JB 1A 104K-T	T	51.2/31.8
C523	4030016930	S.CER C1005 JB 1A 104K-T	T	51.2/33
C524	4030018910	S.CER C1608 JB 0J 475K-T	T	9.5/56
C525	4030018910	S.CER C1608 JB 0J 475K-T	B	25.8/58.3
C526	4030017730	S.CER C1005 JB 1H 471K-T	B	29.8/57.9
C527	4030016790	S.CER C1005 JB 1E 103K-T	B	26.1/50.3
C528	4030017670	S.CER C1005 CH 1H 390J-T	B	37.4/120.7
C529	4030017630	S.CER C1005 CH 1H 120J-T	B	38.3/112.2
C530	4030017420	S.CER C1005 CH 1H 470J-T	T	60.4/62.3
C531	4030017670	S.CER C1005 CH 1H 390J-T	B	93.3/62
C532	4030017670	S.CER C1005 CH 1H 390J-T	B	93.6/52.9
C533	4510008120	S.ELE 16 CE 100 BS	T	125.1/26.4
C534	4030016790	S.CER C1005 JB 1E 103K-T	T	118.5/26.7
C535	4030016790	S.CER C1005 JB 1E 103K-T	B	67.4/101.6
C536	4030016790	S.CER C1005 JB 1E 103K-T	B	65.7/98.3
C538	4030006860	S.CER C1608 JB 1H 102K-T	T	36.2/145.1
C539	4030017790	S.CER C1005 JB 1H 682K-T	T	22.8/57
C540	4030017730	S.CER C1005 JB 1H 471K-T	T	21.2/56.6
C541	4030016930	S.CER C1005 JB 1A 104K-T	T	22.8/55.4
C542	4030017440	S.CER C1005 CH 1H 221J-T	T	27.1/55
C543	4030016930	S.CER C1005 JB 1A 104K-T	T	56.5/68.9
C544	4030017460	S.CER C1005 JB 1H 102K-T	T	62.4/72.9
C545	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH)	T	97.6/106.8
C546	4030018910	S.CER C1608 JB 0J 475K-T	B	40.4/56.7
C547	4030017760	S.CER C1005 JB 1H 222K-T	T	53.7/72.1
C548	4030016930	S.CER C1005 JB 1A 104K-T	T	14.1/120.6
C549	4030017420	S.CER C1005 CH 1H 470J-T	T	23.1/86.8
C550	4030017420	S.CER C1005 CH 1H 470J-T	T	70.1/82.6
C551	4030017330	S.CER C1005 JF 1C 104Z-T	T	114.2/28.9
C552	4030016790	S.CER C1005 JB 1E 103K-T	B	121.9/48.8
C553	4030016930	S.CER C1005 JB 1A 104K-T	B	30.8/19.4
C555	4030016930	S.CER C1005 JB 1A 104K-T	B	69.8/75.5
C556	4030016930	S.CER C1005 JB 1A 104K-T	T	105.2/28.6
C557	4030016930	S.CER C1005 JB 1A 104K-T	T	97/28.6
C558	4550006250	S.TAN TEESVA 1A 106M8R	T	95.1/27.9
C559	4550007080	S.TAN TEESVA 1C 106M8R	T	45.9/75.5
C562	4030017420	S.CER C1005 CH 1H 470J-T	T	38.5/76.1
C563	4030016930	S.CER C1005 JB 1A 104K-T	B	26.5/122.3
C564	4030017570	S.CER C1005 CH 1H 040B-T	B	68.3/131.3
C565	4030017340	S.CER C1005 CH 1H 010B-T	B	47.9/113.5
C566	4030018860	S.CER C1005 JB 0J 105K-T	B	39/72.7
C571	4030017580	S.CER C1005 CH 1H 060C-T	T	64.6/99.1
C572	4030017580	S.CER C1005 CH 1H 060C-T	T	65.6/99.1
C573	4030017580	S.CER C1005 CH 1H 060C-T	T	65.3/97.4
C574	4030017580	S.CER C1005 CH 1H 060C-T	B	64/134.7
C575	4030017420	S.CER C1005 CH 1H 470J-T	B	62.9/132.4
C576	4030017460	S.CER C1005 JB 1H 102K-T	T	67.1/106.5
C577	4030017460	S.CER C1005 JB 1H 102K-T	T	67.1/104.9
C578	4030017200	S.CER GRM31BR32J102KY01L	T	92/126
C579	4550006250	S.TAN TEESVA 1A 106M8R	B	94.7/50.6
C580	4030017420	S.CER C1005 CH 1H 470J-T	T	100.7/73.5
C581	4030018910	S.CER C1608 JB 0J 475K-T	B	46.2/60.9
C582	4030018910	S.CER C1608 JB 0J 475K-T	T	69.7/98.2
C583	4030016930	S.CER C1005 JB 1A 104K-T	B	46.3/58.6
C584	4030016790	S.CER C1005 JB 1E 103K-T	B	54.9/55.3
C585	4030016930	S.CER C1005 JB 1A 104K-T	B	54.9/58.6
C586	4030017730	S.CER C1005 JB 1H 471K-T	B	54.9/56.9
C587	4030016790	S.CER C1005 JB 1E 103K-T	B	52.3/59.8
C588	4030018910	S.CER C1608 JB 0J 475K-T	T	70.9/98.2
C601	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH)	T	97.6/111.3
C610	4030018080	S.CER C1005 JB 1H 182K-T	T	63.3/69.6
C612	4030017460	S.CER C1005 JB 1H 102K-T	B	55.7/29.9
C614	4030017730	S.CER C1005 JB 1H 471K-T	B	29/13.2
C615	4030017370	S.CER C1005 CH 1H 3R5B-T	B	63.2/117.5
C616	4030017460	S.CER C1005 JB 1H 102K-T	T	93.8/64.6
C617	4030017420	S.CER C1005 CH 1H 470J-T	T	60/64.8
C618	4030017420	S.CER C1005 CH 1H 470J-T	T	64.9/53.3
C619	4030017420	S.CER C1005 CH 1H 470J-T	T	74.2/107.7
C620	4030017420	S.CER C1005 CH 1H 470J-T	T	73.7/96.8
C621	4030017420	S.CER C1005 CH 1H 470J-T	T	31.5/2.8
C622	4030018910	S.CER C1608 JB 0J 475K-T	T	64.3/73.2
C623	4030017330	S.CER C1005 JF 1C 104Z-T	B	126.8/16
C624	4030017330	S.CER C1005 JF 1C 104Z-T	B	126.3/20.3
C625	4030017460	S.CER C1005 JB 1H 102K-T	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
C638	4030019120	S.CER GRM188B31E105KA75D	T	12.9/133.4
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	14.8/15.6
J4	6510023512	S.CON 28FLT-SM2-TB(LF)(SN)(M)	T	70.8/102
J5	6510023110	CON 3008L-8P8C <KIN>		
J6	6450000140	CON HSJ0807-01-010		
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	59.1/15.6
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.6/14.3
J10	6510004910	CON NR-DS-E 01 <NIP>		

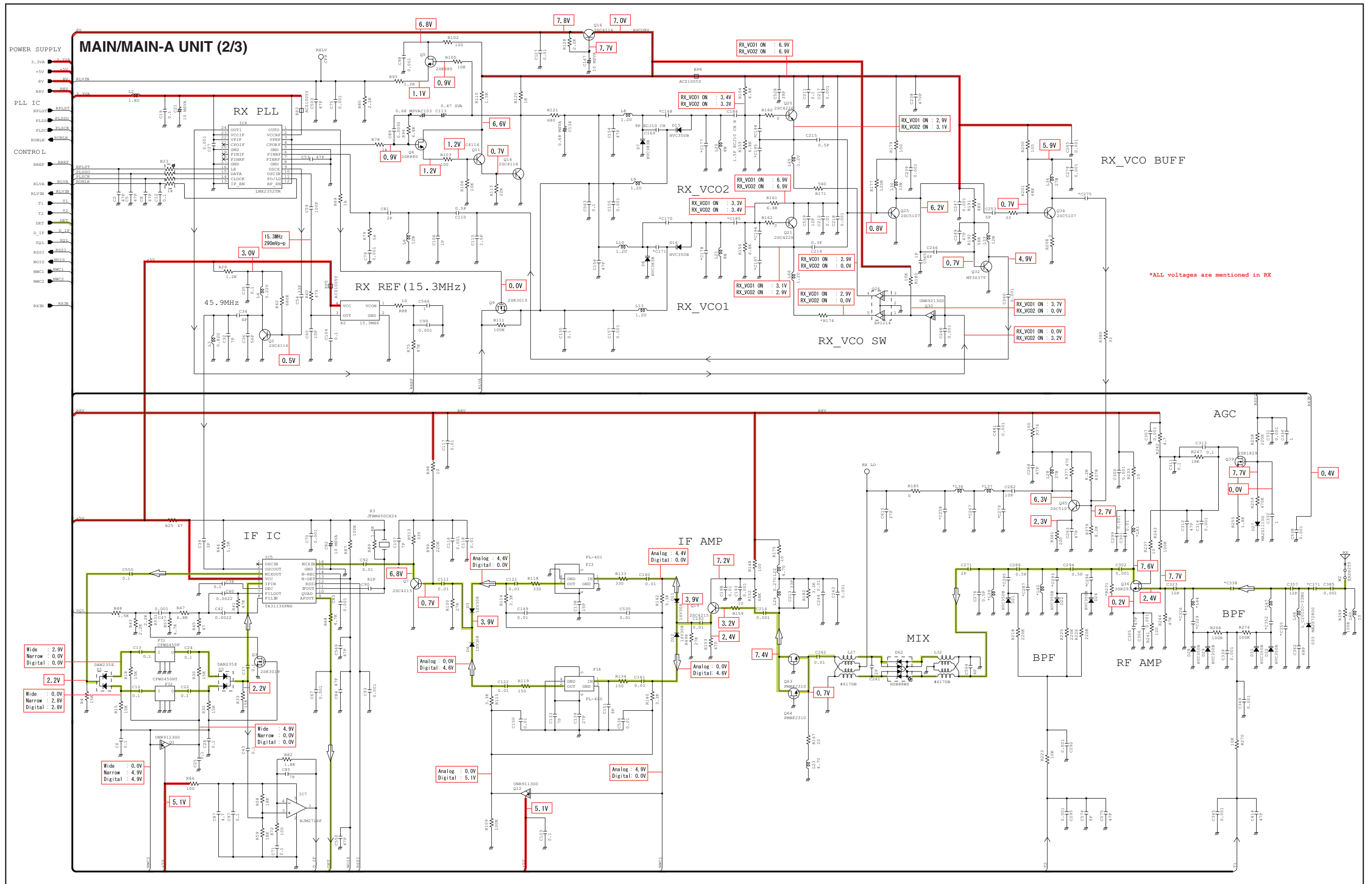
[MAIN-A UNIT] (For the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
J11	6510004910	CON NR-DS-E 01 <NIP>		
DS1	5040002961	S.LED SML-A12MT T86J	B	96/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126/1.1
DS3	5040003001	S.LED SML-A12UT T86J	B	111/1.1
MF1	2710000870	FAN AFB0512HB-7X22 <USE>HK		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	30.4/60.5
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.8/39.3
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

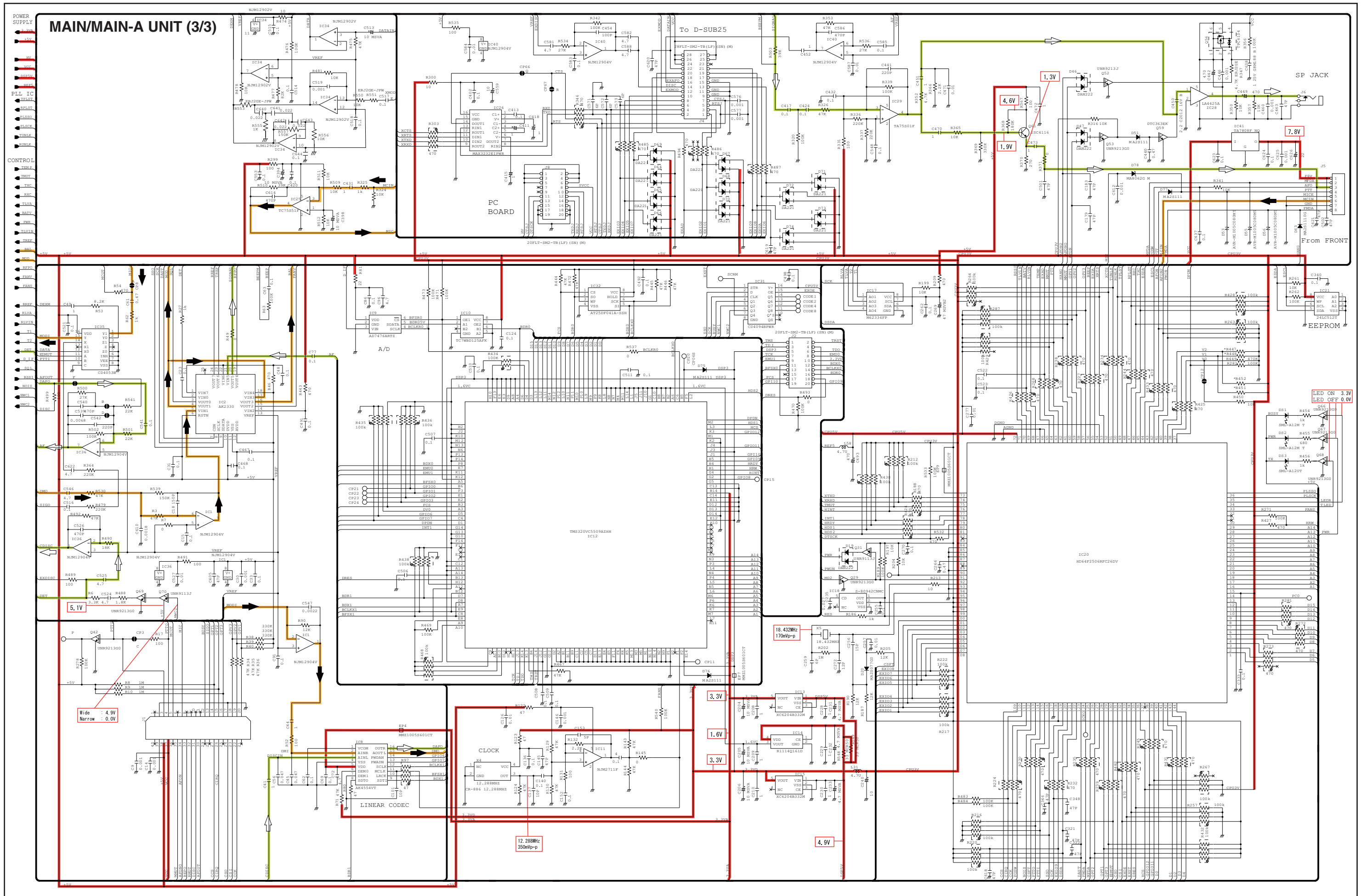
# VOLTAGE DIAGRAM





\*ALL voltages are mentioned in RX

\*; Refer to "PARTS LIST"



\*; Refer to "PARTS LIST"

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## IC-FR6000 IC-FR6100 IC-FR6000-L

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### CONTENTS

PARTS LIST .....	1
BOARD LAYOUTS .....	18
VOLTAGE DIAGRAM .....	20

MODEL	VERSION	FREQUENCY RANGE	CHANNEL SPACING	TX POWER
IC-FR6000	USA-01	400–470 MHz	6.25/12.5/25.0 kHz	50 W
	USA-02	450–512 MHz		
	EXP-01	400–470 MHz	12.5/25.0 kHz	
	EXP-02	450–520 MHz		
	CHN-02	400–470 MHz	6.25/12.5/25.0 kHz	
IC-FR6000-L	CHN-01	350–400 MHz		
	EXP-01			
IC-FR6100	EUR-01	400–470 MHz	12.5/20.0/25.0 kHz	25 W



# PARTS LIST

**[VERSION LIST]**

MODEL	VERSION	ABBREVIATION
IC-FR6000	USA-01	[A]
	USA-02	[F]
	EXP-01	[B]
	EXP-02	[G]
	CHN-02	[C]
IC-FR6000-L	CHN-01	[D]
	EXP-01	[E]
IC-FR6100	EUR-01	[H]

**[MAIN UNIT] (For all models except the IC-FR6000-L)**

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1-#ZZZB	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.1
IC3	1130010100	S.IC LMX2352TMX/NOPB	B	120.2/43.9
IC4	1130010100	S.IC LMX2352TMX/NOPB	B	28/78.8
IC5	1110003491	S.IC TA31136FNG(D,EL)	B	70.4/82.5
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4
IC8	1130012910	S.IC AK4554VTP-E2/P	B	36.2/59.9
IC9	1190002080	S.IC AD7476ARTZ-500RL7 <FE>	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK(T5L,F)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35
IC12	1140013290	S.IC TMS320VC5509AZHH	B	33.3/37.8
IC13	1180002590	S.REG XC6204B332MR	T	81/20.3
IC14	1180003270	S.REG R1114Q161D-TR-F	T	84.4/21.4
IC15	1180002590	S.REG XC6204B332MR	T	87.8/21.3
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.2/52.8
IC20	1140014550	S.IC HD64F2506RFC26DV(EMPTY)	T	33.5/37.6
IC21	1140012950	S.IC 24LC512T-I/SM <SEI>	T	59.1/21.8
IC22	1150002211	IC RA55H4047M-121	[A]	
	1150002211	IC RA55H4047M-121	[B]	
	1150002211	IC RA55H4047M-121	[C]	
	1150002221	IC RA55H4452M-121	[F]	
	1150002221	IC RA55H4452M-121	[G]	
	1150002092	IC RA30H4047M-121	[H]	
IC23	1110002751	S.IC TA75S01F(TE85R,F)	T	139.3/125.6
IC25	1130008561	S.IC TC75S51F(TE85L,F)	B	29/16.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.7/70
IC27	1180001252	S.IC TA7808F(TE16L1,NQ)	T	116.6/84.1
IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85R,F)	T	12/123.1
IC30	1110003390	S.IC AN8005M-(E1)	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.1/45.2
IC32	1130013360	S.IC AT25F2048N-10SU-2.7SL383 0	B	8.9/36.1
IC34	1110005340	S.IC NJM12902V-TE1-#ZZZB	B	12.2/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.2
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4
IC37	1120002830	S.IC NJM2125F-TE1-#FZZB	T	56.6/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180001072	S.IC TA7805F(TE16L1,NQ)	T	101.2/24.3
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2
IC41	1180001252	S.IC TA7808F(TE16L1,NQ)	B	132/16.7
Q1	1590003231	S.TRA UNR9113G0L	B	53.4/79.7
Q2	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	34.9/77.7
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Q4	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	88.8/41.5
Q5	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	33.3/107.5
Q6	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	29.6/101.3
Q7	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	72.9/92.5
Q8	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	92.7/47.7
Q9	1560001360	S.FET 2SK3019 TL	B	39.5/104.5
Q10	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/44.6
Q11	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/104.4
Q12	1590003231	S.TRA UNR9113G0L	B	65.6/101.6
Q13	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/47.7
Q14	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/107.5
Q15	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	92.7/44.6
Q16	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	33.3/104.5
Q19	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	63.2/106.8
Q20	1530002920	S.TRA 2SC4226-T1 R25	B	38.8/123.1
Q21	1530002920	S.TRA 2SC4226-T1 R25	B	39.6/114.5
Q22	1530002920	S.TRA 2SC4226-T1 R25	B	94.6/64.3
Q23	1530002920	S.TRA 2SC4226-T1 R25	B	95.2/55.4
Q24	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	100.5/58.6
Q25	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	44.9/116.2
Q26	1590001400	S.TRA XP1214(TX)	B	40.5/117.8
Q27	1590001400	S.TRA XP1214(TX)	B	96/59.6
Q28	1590003291	S.TRA UNR9213G0L	B	93.3/59.6
Q29	1590003291	S.TRA UNR9213G0L	T	57.2/41.9
Q30	1590003291	S.TRA UNR9213G0L	B	37.8/117.8
Q31	1590003231	S.TRA UNR9113G0L	T	57.2/39.8
Q32	1530004110	S.TRA MT3S37T(TE85L,F)	B	46.5/109.1
Q33	1530004110	S.TRA MT3S37T(TE85L,F)	B	102.1/53.4
Q34	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	46.2/123.1
Q35	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85L,F)	B	47.3/136.1
Q37	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	132.5/84.5
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829(TE85R,F)	B	53.2/140.8
Q40	1590001190	S.TRA XP6501-(TX).AB	T	101.6/87.4
Q41	1520000460	S.TRA 2SB1132 T100 R	T	101.6/82.8
Q42	1590003291	S.TRA UNR9213G0L	T	13.3/67.6
Q43	1590003291	S.TRA UNR9213G0L	T	138.8/122.9
Q44	1590003291	S.TRA UNR9213G0L	T	122.8/79.2
Q45	1540000550	S.TRA 2SD1664 T100Q	T	117/76.3
Q46	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	137.4/120.3
Q48	1510000920	S.TRA 2SA1577 T106 Q	T	101.5/77.8
Q49	1590003291	S.TRA UNR9213G0L	T	102.2/73.7
Q52	1590003291	S.TRA UNR9213G0L	T	10.9/131.6
Q53	1590003291	S.TRA UNR9213G0L	T	10.9/129.6
Q56	1590003560	S.FET TPC6104 (TE85L,F)	T	7.6/132.6

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

## [MAIN UNIT] (For all models except the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590003291	S.TRA UNR9213G0L	T	130.2/102.1
Q59	1590000990	S.TRA DTC363EK T146	T	7.6/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	6.8/118.4
Q62	1540000441	S.TRA 2SD1619T-TD-E	T	118.4/18.5
Q63	1560000990	S.FET PMBFJ310	B	66.3/110
Q64	1560000990	S.FET PMBFJ310	B	63.3/110
Q65	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	59.6/123.7
Q66	1590003291	S.TRA UNR9213G0L	B	94.9/4.7
Q67	1590003291	S.TRA UNR9213G0L	B	124.9/4.7
Q68	1590003291	S.TRA UNR9213G0L	B	109.9/4.7
Q69	1590003291	S.TRA UNR9213G0L	T	9.5/53.3
Q70	1590003231	S.TRA UNR9113G0L	T	9.5/51
D1	1750001070	S.DIO DAN235ETL	B	57.3/78.6
D2	1750001070	S.DIO DAN235ETL	B	50/79.7
D3	1790001621	S.DIO 1SV308(TPL3,F)	B	70.3/93.4
D4	1790001621	S.DIO 1SV308(TPL3,F)	B	67.8/93.4
D7	1750001150	S.VAR HVC383BTRF-E	B	30.8/122.3
D8	1750001150	S.VAR HVC383BTRF-E	B	30.6/112.7
D9	1750001150	S.VAR HVC383BTRF-E	B	85.6/63.5
D10	1750001150	S.VAR HVC383BTRF-E	B	85.7/53.3
D11	1790001621	S.DIO 1SV308(TPL3,F)	B	63.5/103.1
D12	1790001621	S.DIO 1SV308(TPL3,F)	B	62.7/101.1
D13	1750000711	S.VAR HVC350BTRF-E	B	87.3/66.8
D14	1750000711	S.VAR HVC350BTRF-E	B	87.1/55.4
D15	1750000711	S.VAR HVC350BTRF-E	B	32.6/125.4
D16	1750000711	S.VAR HVC350BTRF-E	B	32/114.5
D17	1720000570	S.VAR MA368(TX)	B	94.6/66.6
D18	1720000570	S.VAR MA368(TX)	B	91.4/57.7
D19	1750000520	S.DIO DAN222TL	T	59.6/39.8
D20	1790001261	S.DIO MA25077G0L	T	38.9/57.8
D21	1750000711	S.VAR HVC350BTRF-E	B	66.1/135.8
D22	1750000711	S.VAR HVC350BTRF-E	B	62.9/135.8
D24	1750000711	S.VAR HVC350BTRF-E	B	56.1/135.9
D27	1790001251	S.DIO MA2S1110GL	B	57.2/140.4
D28	1750000711	S.VAR HVC350BTRF-E	B	35.9/134.4
D29	1750000711	S.VAR HVC350BTRF-E	B	37.1/134.4
D31	1750000711	S.VAR HVC350BTRF-E	B	32.4/136.5
D32	1750000711	S.VAR HVC350BTRF-E	B	32.4/135.3
D33	1790001241	S.DIO MA2S7280GL	B	37.8/144.2
D34	1790001621	S.DIO 1SV308(TPL3,F)	B	85.4/137.8
D38	1750001360	S.DIO L709CER (9401)	B	87.8/135.6
D40	1750000370	S.DIO DA221 TL	T	112.6/77
D44	1710001061	DIO L407CDB		
D45	1790001211	S.DIO 1SS375-TL-E	B	96.3/138.1
D46	1750000520	S.DIO DAN222TL	T	13.3/131.1
D47	1750000520	S.DIO DAN222TL	T	13.2/129.1
D48	1790000661	S.DIO MA2J7280GL	B	121.1/142.5
D49	1790000661	S.DIO MA2J7280GL	B	140.6/133
D51	1790001251	S.DIO MA2S1110GL	T	10.5/127.1
D53	1790001810	S.VAR AVR-M1005C080MTABB	T	32.5/11.5
D55	1790001810	S.VAR AVR-M1005C080MTABB	T	30.5/11.5
D56	1790001810	S.VAR AVR-M1005C080MTABB	B	33.2/22.1
D59	1790000700	DIO DSA3A		
D61	1160000070	S.DIO DAN202K T146	T	118.4/14.3
D62	1750000431	S.DIO HSB88WSTR-E	B	68.3/123.3
D63	1790001251	S.DIO MA2S1110GL	B	34.1/20.7
D64	1750000370	S.DIO DA221 TL	T	63.2/93.9
D65	1750000370	S.DIO DA221 TL	T	65.2/93.9
D66	1750000370	S.DIO DA221 TL	T	67.2/93.9
D67	1750000370	S.DIO DA221 TL	T	62.5/105.6
D68	1750000370	S.DIO DA221 TL	T	60.5/104.7
D69	1750000370	S.DIO DA221 TL	T	69.2/93.9
D70	1750000370	S.DIO DA221 TL	T	71.2/93.9
D71	1750000370	S.DIO DA221 TL	T	69.4/109.5
D72	1750000370	S.DIO DA221 TL	T	71.5/109.5
D73	1750000370	S.DIO DA221 TL	T	73.5/109.5
D74	1750000370	S.DIO DA221 TL	T	75.6/109.5
D75	1790001251	S.DIO MA2S1110GL	B	41/38.6
D76	1790001251	S.DIO MA2S1110GL	B	26.4/41.3
D77	1790001251	S.DIO MA2S1110GL	B	49.2/29.9
D78	1730002361	S.ZEN MAZ8062GML	B	52.3/29.9
FI1	2020001520	CER CFWLA450KFFA-B0 (CFWS450F)		
FI2	2020001460	CER CFWLA450KHFA-B0 (CFWS450HT)		
FI3	2030000500	S.MON DSF753SBF 46.35 MHz (FL-401)	B	72/101
FI4	2030000670	S.MON DSF753SBF 46.35 MHz (FL-420)	B	63.4/91.1
FI5	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/110.3
FI6	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/113.4
FI7	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/116.5
X1	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	128.6/45.3
X2	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	35.6/72.3
X3	6070000300	S.DIS JTBM450CX24 <JJE>	B	63.5/83.5
X4	6050012930	S.XTA CR-886 DSA321SCA 12.288 MHz	B	52.8/38.2
X5	6050012680	S.XTA CR-858(SMD-49/18.432 MHz) <JJE>	T	46.9/52.7

## [MAIN UNIT] (For all models except the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
L1	6200004660	S.COI MLF1608A 1R8K-T	B	115.6/39.2
L2	6200004660	S.COI MLF1608A 1R8K-T	B	23.6/82.4
L3	6200004480	S.COI MLF1608D R82K-T	B	39.4/79.3
L4	6200003540	S.COI MLF1608D R22K-T	B	36.9/76.9
L5	6200005671	S.COI ELJRE 12NGFA	[A] B	102.7/46.7
	6200005671	S.COI ELJRE 12NGFA	[B]	
	6200005671	S.COI ELJRE 12NGFA	[C]	
	6200005661	S.COI ELJRE 10NGFA	[F]	
	6200005661	S.COI ELJRE 10NGFA	[G]	
	6200005671	S.COI ELJRE 12NGFA	[H]	
L6	6200005671	S.COI ELJRE 12NGFA	B	44.6/99.3
L8	6200004741	S.COI NLV25T-1R2J	B	28.5/121.7
L9	6200004741	S.COI NLV25T-1R2J	B	28.5/124.9
L10	6200004741	S.COI NLV25T-1R2J	B	28.5/114.1
L11	6200004741	S.COI NLV25T-1R2J	B	83.7/63.1
L12	6200004741	S.COI NLV25T-1R2J	B	83.7/54.6
L13	6200004741	S.COI NLV25T-1R2J	B	30.6/117.2
L14	6200004741	S.COI NLV25T-1R2J	B	84.2/66.2
L15	6200004741	S.COI NLV25T-1R2J	B	84.2/57.7
L18	6200009260	S.COI C3328A-5NOJ-A	B	88.7/63.1
L19	6200009260	S.COI C3328A-5NOJ-A	B	89.8/54
L20	6200009390	S.COI C3328A-8NOJ-A	B	33.2/121.7
L21	6200009390	S.COI C3328A-8NOJ-A	B	34.7/113.1
L22	6200003550	S.COI MLF1608A 4R7K-T	B	73.4/109.9
L23	6200002861	S.COI NLV25T-4R7J	B	57.6/108.9
L24	6200010740	S.COI C2520C-4R27G-A	B	70/109.1
L25	6200004741	S.COI NLV25T-1R2J	B	97.1/64.6
L26	6200004741	S.COI NLV25T-1R2J	B	98.1/53.9
L27	6130002961	S.COI #617DB-1327=P3	B	68.3/117.7
L28	6200005711	S.COI ELJRE 27NGFA	B	62.3/123.6
L29	6200005721	S.COI ELJRE 33NGFA	B	102.6/58.6
L30	6200005721	S.COI ELJRE 33NGFA	B	46.9/116.2
L31	6200002861	S.COI NLV25T-4R7J	T	91.1/19.9
L32	6130002961	S.COI #617DB-1327=P3	B	68.3/128.7
L33	6200005671	S.COI ELJRE 12NGFA	B	47.3/107.1
L34	6200005711	S.COI ELJRE 27NGFA	[A] B	61.1/117.5
	6200005711	S.COI ELJRE 27NGFA	[B]	
	6200005711	S.COI ELJRE 27NGFA	[C]	
	6200005691	S.COI ELJRE 18NGFA	[F]	
	6200005691	S.COI ELJRE 18NGFA	[G]	
	6200005711	S.COI ELJRE 27NGFA	[H]	
L35	6200005671	S.COI ELJRE 12NGFA	B	102.7/51.6
	6200005671	S.COI ELJRE 12NGFA	[B]	
	6200005671	S.COI ELJRE 12NGFA	[C]	
	6200005661	S.COI ELJRE 10NGFA	[F]	
	6200005661	S.COI ELJRE 10NGFA	[G]	
	6200005671	S.COI ELJRE 12NGFA	[H]	
L36	6200005711	S.COI ELJRE 27NGFA	B	44.3/123.1
L37	6200005711	S.COI ELJRE 27NGFA	[A] B	61.1/120.1
	6200005711	S.COI ELJRE 27NGFA	[B]	
	6200005711	S.COI ELJRE 27NGFA	[C]	
	6200005691	S.COI ELJRE 18NGFA	[F]	
	6200005691	S.COI ELJRE 18NGFA	[G]	
	6200005711	S.COI ELJRE 27NGFA	[H]	
L38	6200005711	S.COI ELJRE 27NGFA	B	100/64.4
L39	6200009320	S.COI C3328A-12NG-A	B	70.8/137.3
L40	6200009320	S.COI C3328A-12NG-A	B	59.5/135.7
L41	6200009320	S.COI C3328A-12NG-A	B	51.4/136.3
L42	6200005711	S.COI ELJRE 27NGFA	B	134.7/83.8
L43	6200005711	S.COI ELJRE 27NGFA	B	142/87.1
L44	6200010290	S.COI C6328A-22NG-A	[A] B	41.9/136.2
	6200010290	S.COI C6328A-22NG-A	[B]	
	6200010290	S.COI C6328A-22NG-A	[C]	
	6200013490	S.COI C6328A-17NG-A	[F]	
	6200013490	S.COI C6328A-17NG-A	[G]	
	6200010290	S.COI C6328A-22NG-A	[H]	
L45	6200005641	S.COI ELJRE 6N8ZFZA	B	142.7/90.6
L46	6200005691	S.COI ELJRE 18NGFA	[A] B	142/94.6
	6200005691	S.COI ELJRE 18NGFA	[B]	
	6200005691	S.COI ELJRE 18NGFA	[C]	
	6200005691	S.COI ELJRE 18NGFA	[F]	
	6200005671	S.COI ELJRE 12NGFA	[H]	
L47	6200010290	S.COI C6328A-22NG-A	[A] B	34.8/140.3
	6200010290	S.COI C6328A-22NG-A	[B]	
	6200010290	S.COI C6328A-22NG-A	[C]	
	6200013490	S.COI C6328A-17NG-A	[F]	
	6200013490	S.COI C6328A-17NG-A	[G]	
	6200010290	S.COI C6328A-22NG-A	[H]	
L48	6200010100	S.COI C2012C-33NG-A	B	39.7/142.2
L49	6200010040	S.COI AS100340-10N	B	95.5/119.7
L50	6200005691	S.COI ELJRE 18NGFA	B	88/137.7
L52	6200010420	S.COI FHW1210HC 1R0JGT <JJE>	B	86.6/122.3
L53	6200010150	S.COI AS080340-15N	B	92.5/134.3
L54	6200010150	S.COI AS080340-15N	B	99.7/133.8
L55	6200010150	S.COI AS080340-15N	B	107.5/135.8
L56	6200010150	S.COI AS080340-15N	B	114.4/138.9
L57	6200010150	S.COI AS080340-15N	B	144.6/142.1
L58	6200002861	S.COI NLV25T-4R7J	T	55.4/37.5
L59	6200010420	S.COI FHW1210HC 1R0JGT <JJE>	B	147.1/146.2
L60	6200010420	S.COI FHW1210HC 1R0JGT <JJE>	B	24.5/145
L61	6200002961	S.COI NLV32T-4R7J	T	118.4/23.8
L65	6200004741	S.COI NLV25T-1R2J	B	41.3/123.3
L66	6200004741	S.COI NLV25T-1R2J	B	42.8/113.5
R1	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	54.5/63.5
R2	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	59/61.8

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount





[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists components R532 through R557 and C1 through C80.

[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists components C81 through C171.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[MAIN UNIT] (For all models except the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C172	4030017580	S.CER ECJ0EC1H060C	[A]	B 87.8/65.7
	4030017580	S.CER ECJ0EC1H060C	[B]	
	4030017580	S.CER ECJ0EC1H060C	[C]	
	4030017570	S.CER ECJ0EC1H040B	[F]	
	4030017570	S.CER ECJ0EC1H040B	[G]	
	4030017580	S.CER ECJ0EC1H060C	[H]	
C173	4030017630	S.CER ECJ0EC1H120J	[A]	B 86.5/65.3
	4030017630	S.CER ECJ0EC1H120J	[B]	
	4030017630	S.CER ECJ0EC1H120J	[C]	
	4030017620	S.CER ECJ0EC1H100C	[F]	
	4030017620	S.CER ECJ0EC1H100C	[G]	
	4030017630	S.CER ECJ0EC1H120J	[H]	
C174	4030017590	S.CER ECJ0EC1H070C	[A]	B 85.7/55
	4030017590	S.CER ECJ0EC1H070C	[B]	
	4030017590	S.CER ECJ0EC1H070C	[C]	
	4030017580	S.CER ECJ0EC1H060C	[F]	
	4030017580	S.CER ECJ0EC1H060C	[G]	
	4030017590	S.CER ECJ0EC1H070C	[H]	
C175	4030017390	S.CER ECJ0EC1H180J	[A]	B 85.7/55.9
	4030017390	S.CER ECJ0EC1H180J	[B]	
	4030017390	S.CER ECJ0EC1H180J	[C]	
	4030017590	S.CER ECJ0EC1H070C	[F]	
	4030017590	S.CER ECJ0EC1H070C	[G]	
	4030017390	S.CER ECJ0EC1H180J	[H]	
C176	4030018860	S.CER ECJ0EB0J105K		T 62.9/51
C177	4030017380	S.CER ECJ0EC1H050B	[A]	B 35.6/120.7
	4030017380	S.CER ECJ0EC1H050B	[B]	
	4030017380	S.CER ECJ0EC1H050B	[C]	
	4030017350	S.CER ECJ0EC1H020B	[F]	
	4030017350	S.CER ECJ0EC1H020B	[G]	
	4030017380	S.CER ECJ0EC1H050B	[H]	
C178	4030017580	S.CER ECJ0EC1H060C	[A]	B 32/112.2
	4030017580	S.CER ECJ0EC1H060C	[B]	
	4030017580	S.CER ECJ0EC1H060C	[C]	
	4030017360	S.CER ECJ0EC1H030B	[F]	
	4030017360	S.CER ECJ0EC1H030B	[G]	
	4030017580	S.CER ECJ0EC1H060C	[H]	
C179	4030017420	S.CER ECJ0EC1H470J		T 14.9/129.1
C180	4030017600	S.CER ECJ0EC1H080C	[A]	B 91.5/62
	4030017600	S.CER ECJ0EC1H080C	[B]	
	4030017600	S.CER ECJ0EC1H080C	[C]	
	4030017570	S.CER ECJ0EC1H040B	[F]	
	4030017570	S.CER ECJ0EC1H040B	[G]	
	4030017600	S.CER ECJ0EC1H080C	[H]	
C181	4030017590	S.CER ECJ0EC1H070C	[A]	B 87.1/52.9
	4030017590	S.CER ECJ0EC1H070C	[B]	
	4030017590	S.CER ECJ0EC1H070C	[C]	
	4030017380	S.CER ECJ0EC1H050B	[F]	
	4030017380	S.CER ECJ0EC1H050B	[G]	
	4030017590	S.CER ECJ0EC1H070C	[H]	
C182	4030016790	S.CER ECJ0EB1C103K		B 63.1/104.4
C183	4030017420	S.CER ECJ0EC1H470J		T 14.9/131.3
C184	4030017620	S.CER ECJ0EC1H100C	B	34.9/124.3
C185	4030017630	S.CER ECJ0EC1H120J	[A]	B 35.4/115.3
	4030017630	S.CER ECJ0EC1H120J	[B]	
	4030017630	S.CER ECJ0EC1H120J	[C]	
	4030017610	S.CER ECJ0EC1H090C	[F]	
	4030017610	S.CER ECJ0EC1H090C	[G]	
	4030017630	S.CER ECJ0EC1H120J	[H]	
C186	4030017420	S.CER ECJ0EC1H470J		B 98.2/48.8
C187	4030017540	S.CER ECJ0EC1HR75B	[A]	B 89.4/66.8
	4030017540	S.CER ECJ0EC1HR75B	[B]	
	4030017540	S.CER ECJ0EC1HR75B	[C]	
	4030017530	S.CER ECJ0EC1HOR5B	[F]	
	4030017530	S.CER ECJ0EC1HOR5B	[G]	
	4030017540	S.CER ECJ0EC1HR75B	[H]	
C188	4030017360	S.CER ECJ0EC1H030B		B 90.6/66.6
C189	4030017340	S.CER ECJ0EC1H010B		B 87/57.2
C190	4030017350	S.CER ECJ0EC1H020B	[A]	B 87/58.2
	4030017350	S.CER ECJ0EC1H020B	[B]	
	4030017350	S.CER ECJ0EC1H020B	[C]	
	4030017340	S.CER ECJ0EC1H010B	[F]	
	4030017340	S.CER ECJ0EC1H010B	[G]	
	4030017350	S.CER ECJ0EC1H020B	[H]	
C191	4030017380	S.CER ECJ0EC1H050B	[A]	B 89.4/65.7
	4030017380	S.CER ECJ0EC1H050B	[B]	
	4030017380	S.CER ECJ0EC1H050B	[C]	
	4030017640	S.CER ECJ0EC1H150J	[F]	
	4030017640	S.CER ECJ0EC1H150J	[G]	
	4030017380	S.CER ECJ0EC1H050B	[H]	
C192	4030017640	S.CER ECJ0EC1H150J	[A]	B 90.5/56.3
	4030017640	S.CER ECJ0EC1H150J	[B]	
	4030017640	S.CER ECJ0EC1H150J	[C]	
	4030017600	S.CER ECJ0EC1H080C	[F]	
	4030017600	S.CER ECJ0EC1H080C	[G]	
	4030017640	S.CER ECJ0EC1H150J	[H]	
C193	4030017460	S.CER ECJ0EB1E102K		B 61.4/107.1
C194	4030017580	S.CER ECJ0EC1H060C	[A]	B 36.8/122.8
	4030017580	S.CER ECJ0EC1H060C	[B]	
	4030017580	S.CER ECJ0EC1H060C	[C]	
	4030017600	S.CER ECJ0EC1H080C	[F]	
	4030017600	S.CER ECJ0EC1H080C	[G]	
	4030017580	S.CER ECJ0EC1H060C	[H]	
C195	4030017630	S.CER ECJ0EC1H120J		B 40.1/120.7
C196	4030017620	S.CER ECJ0EC1H100C		B 37.6/114.4
C197	4030017640	S.CER ECJ0EC1H150J		B 41/112.2
C198	4030016790	S.CER ECJ0EB1C103K		B 60.5/107.1
C200	4030017570	S.CER ECJ0EC1H040B		B 92.4/64.3

[MAIN UNIT] (For all models except the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C201	4030017620	S.CER ECJ0EC1H100C		B 96/62
C202	4030017610	S.CER ECJ0EC1H090C		B 93.1/55.4
C203	4030017390	S.CER ECJ0EC1H180J		B 96.3/52.9
C204	4550006250	S.TAN TEESVA 1A 106M8R		T 81.7/15.1
C205	4550006250	S.TAN TEESVA 1A 106M8R		T 85.1/17
C206	4550006250	S.TAN TEESVA 1A 106M8R		T 88.8/16.7
C208	4030017490	S.CER C1608 JB 1A 105K-T		T 79.9/15.5
C209	4030017490	S.CER C1608 JB 1A 105K-T		T 83.4/16.6
C210	4030017490	S.CER C1608 JB 1A 105K-T		T 86.9/16.3
C211	4030016930	S.CER ECJ0EB1A104K		B 38.3/120.7
C212	4030016790	S.CER ECJ0EB1C103K		B 39.2/112.2
C213	4030017660	S.CER ECJ0EC1H330J		B 68.5/106.1
C214	4030017460	S.CER ECJ0EB1E102K		B 66.8/107
C215	4030017530	S.CER ECJ0EC1HOR5B		B 41.9/120.7
C216	4030017520	S.CER ECJ0EC1HOR3B		B 42.6/115.7
C217	4030017460	S.CER ECJ0EB1E102K		B 39.2/120.7
C218	4030017460	S.CER ECJ0EB1E102K		B 40.1/112.2
C219	4030016790	S.CER ECJ0EB1C103K		B 94.2/62
C220	4030017530	S.CER ECJ0EC1HOR5B		B 98.2/61.3
C221	4030016790	S.CER ECJ0EB1C103K		B 94.5/52.9
C222	4030017530	S.CER ECJ0EC1HOR5B		B 98.2/57.1
C224	4030017460	S.CER ECJ0EB1E102K		B 95.1/62
C225	4030017460	S.CER ECJ0EB1E102K		B 95.4/52.9
C228	4030017490	S.CER C1608 JB 1A 105K-T		T 77.8/24.3
C229	4030017490	S.CER C1608 JB 1A 105K-T		T 82.3/24.6
C230	4030017490	S.CER C1608 JB 1A 105K-T		T 86.8/24.4
C231	4550005980	S.TAN TEESVA 1A 475M8R		T 80/25.1
C232	4550005980	S.TAN TEESVA 1A 475M8R		T 84/25.4
C233	4550005980	S.TAN TEESVA 1A 475M8R		T 88.5/25.6
C235	4030017030	S.CER ECJ0EB1A273K		T 41/55
C236	4030017730	S.CER ECJ0EB1E471K		B 100.5/55
C237	4030017460	S.CER ECJ0EB1E102K		B 100.5/60.4
C238	4030017730	S.CER ECJ0EB1E471K		B 44.9/112.6
C239	4030017460	S.CER ECJ0EB1E102K		B 44.9/118
C240	4510008540	S.ELE EEE1CA100SR		T 95.1/22.3
C241	4030017350	S.CER ECJ0EC1H020B		B 68.3/120.9
C242	4030016790	S.CER ECJ0EB1C103K		B 68.7/111.2
C243	4030017460	S.CER ECJ0EB1E102K		B 70.3/106.1
C244	4030016790	S.CER ECJ0EB1C103K		B 70.3/107
C245	4030017460	S.CER ECJ0EB1E102K		B 91.5/59.6
C246	4030017580	S.CER ECJ0EC1H060C		B 46.9/113.5
C247	4030017460	S.CER ECJ0EB1E102K		B 43.1/109.1
C248	4030017460	S.CER ECJ0EB1E102K		B 36/117.8
C249	4030017420	S.CER ECJ0EC1H470J		B 48.1/109.1
C250	4030017380	S.CER ECJ0EC1H050B		B 103.7/58.7
C251	4030017580	S.CER ECJ0EC1H060C	[A]	B 102.6/55.9
			[B]	
			[C]	
			[F]	
			[G]	
			[H]	
C252	4030017460	S.CER ECJ0EB1E102K		B 100.5/50
C253	4030017380	S.CER ECJ0EC1H050B		B 48/116.2
C254	4030017460	S.CER ECJ0EB1E102K		B 103.7/53.4
C255	4030016930	S.CER ECJ0EB1A104K		T 42.1/50.6
C256	4030017640	S.CER ECJ0EC1H150J		T 4.3/155
C257	4030016790	S.CER ECJ0EB1C103K		T 34.5/58.8
C258	4030017580	S.CER ECJ0EC1H060C	[A]	B 59.6/117.8
			[B]	
			[C]	
			[F]	
			[G]	
			[H]	
C259	4030017580	S.CER ECJ0EC1H060C		T 48.5/46.4
C260	4030017460	S.CER ECJ0EB1E102K		B 46.5/105.4
C262	4030016930	S.CER ECJ0EB1A104K		T 69.2/57.5
C263	4030017420	S.CER ECJ0EC1H470J		B 60.5/126.1
C264	4030017460	S.CER ECJ0EB1E102K		B 101.9/50
C265	4030017460	S.CER ECJ0EB1E102K		B 43.5/120.7
C266	4030018900	S.CER ECJ0EB0J474K		T 43.9/45.6
C267	4030017630	S.CER ECJ0EC1H120J	[A]	B 59.6/119.3
			[B]	
			[C]	
			[F]	
			[G]	
			[H]	
C268	4030017420	S.CER ECJ0EC1H470J		B 62.3/126.1
C269	4550006780	S.TAN TEESVB2 0J 476M8R		T 71.8/60.8
C270	4030016930	S.CER ECJ0EB1A104K		T 40.5/49.7
C271	4030017350	S.CER ECJ0EC1H020B		B 68.1/137.9
C272	4030017630	S.CER ECJ0EC1H120J		T 47.3/60.1
C274	4030017460	S.CER ECJ0EB1E102K		B 44.4/120.7
C275	4030017620	S.CER ECJ0EC1H100C	[A]	B 48/124.4
			[B]	
			[C]	
			[F]	
			[G]	
			[H]	
C276	4030017620	S.CER ECJ0EC1H100C	[A]	B 67.2/137.9
			[B]	
			[C]	
			[F]	
			[H]	
C277	4030016790	S.CER ECJ0EB1C103K		T 48.6/36.7

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount







[MAIN UNIT] (For all models except the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists various components for the main unit including capacitors (C580-C644), resistors (J1-J11), LEDs (DS1-DS3), fans (MF1), jumpers (W1-W4), and relays (EP1-EP14).

[FRONT UNIT]

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists various components for the front unit including ICs (IC500-IC509), transistors (Q500-Q518), diodes (D503-D513), XTA (X501), and COI (L500-L502).

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R566	7030008370	S.RES ERJ2GEJ 561 X (560)	B	161.9/49.1
R567	7030008370	S.RES ERJ2GEJ 561 X (560)	B	148.3/49.9
R568	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	87.4/16.9
R570	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	103/24.8
R571	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	45.8/51.5
R572	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.2/50.3
R573	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.3/33
R574	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.3/32.1
R575	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	34.7/24.6
R576	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	62.6/12.8
C500	4030016930	S.CER ECJ0EB1A104K	B	79.3/47.9
C501	4030016930	S.CER ECJ0EB1A104K	B	80.8/47.4
C502	4030016930	S.CER ECJ0EB1A104K	B	80.8/46.5
C503	4030016930	S.CER ECJ0EB1A104K	B	80.4/45.3
C504	4030016930	S.CER ECJ0EB1A104K	B	81.3/45.3
C505	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/41
C506	4030017460	S.CER ECJ0EB1E102K	B	83.9/39.8
C507	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/39.5
C508	4030017730	S.CER ECJ0EB1E471K	B	146.4/41.2
C509	4030017730	S.CER ECJ0EB1E471K	B	159.8/34.4
C510	4030017730	S.CER ECJ0EB1E471K	B	159.9/41.2
C511	4030017730	S.CER ECJ0EB1E471K	B	146.4/34.4
C512	4030017030	S.CER ECJ0EB1A273K	B	104.7/21.7
C513	4030017630	S.CER ECJ0EC1H120J	B	106.4/29.3
C514	4030017420	S.CER ECJ0EC1H470J	B	157.7/44.5
C515	4030016790	S.CER ECJ0EB1C103K	B	103.5/50.2
C516	4030017580	S.CER ECJ0EC1H060C	B	113.1/31.3
C517	4030016930	S.CER ECJ0EB1A104K	B	102.2/50.7
C518	4030016790	S.CER ECJ0EB1C103K	B	113.3/35.1
C519	4030017640	S.CER ECJ0EC1H150J	B	111.3/31.8
C520	4030016930	S.CER ECJ0EB1A104K	B	105.1/27.1
C521	4030018900	S.CER ECJ0EB0J474K	B	104.9/30
C522	4550006480	S.TAN TEESVA 1C 475M8R	B	46.7/33.2
C523	4030017330	S.CER ECJ0EF1C104Z	B	44.9/31
C524	4030016790	S.CER ECJ0EB1C103K	B	49.9/29.5
C525	4550006250	S.TAN TEESVA 1A 106M8R	B	49/27.7
C526	4030016930	S.CER ECJ0EB1A104K	B	48.9/26.1
C527	4030016930	S.CER ECJ0EB1A104K	B	34.3/30
C530	4030017460	S.CER ECJ0EB1E102K	B	34.5/55.4
C531	4550006250	S.TAN TEESVA 1A 106M8R	B	106.6/20.2
C532	4030017460	S.CER ECJ0EB1E102K	B	31.3/45.7
C533	4030017460	S.CER ECJ0EB1E102K	B	45.3/27
C534	4030016930	S.CER ECJ0EB1A104K	B	62.1/14.2
C535	4030016930	S.CER ECJ0EB1A104K	B	30.7/49
C536	4030017460	S.CER ECJ0EB1E102K	B	161/28.5
C537	4030017460	S.CER ECJ0EB1E102K	B	33.6/53.4
C538	4030018860	S.CER ECJ0EB0J105K	B	26.6/49
C539	4030017420	S.CER ECJ0EC1H470J	B	154.8/27.7
C540	4510008590	S.ELE EEE1AA101SP	B	36.9/59.4
C541	4030017330	S.CER ECJ0EF1C104Z	B	150.1/20
C542	4030017460	S.CER ECJ0EB1E102K	B	139.3/19.9
C544	4550006250	S.TAN TEESVA 1A 106M8R	B	29.7/60.8
C545	4030017420	S.CER ECJ0EC1H470J	B	168.1/28.1
C546	4030017420	S.CER ECJ0EC1H470J	B	137.3/32.4
C547	4030017420	S.CER ECJ0EC1H470J	B	134.2/32.4
C548	4030017460	S.CER ECJ0EB1E102K	B	161/27.5
C549	4030017460	S.CER ECJ0EB1E102K	B	44.1/47.4
C551	4030017420	S.CER ECJ0EC1H470J	B	158.1/19.3
C553	4030017420	S.CER ECJ0EC1H470J	B	140.6/17.6
C555	4030018860	S.CER ECJ0EB0J105K	B	148.5/17.9
C556	4030016790	S.CER ECJ0EB1C103K	B	143.1/23.6
C558	4550006480	S.TAN TEESVA 1C 475M8R	B	143.5/22
C559	4030017730	S.CER ECJ0EB1E471K	B	166.3/51.1
C560	4030017730	S.CER ECJ0EB1E471K	B	153.1/51.1
C561	4030017730	S.CER ECJ0EB1E471K	B	161.9/46.9
C562	4030017730	S.CER ECJ0EB1E471K	B	147.4/46.6
C563	4030016930	S.CER ECJ0EB1A104K	B	105.1/28
C564	4030016930	S.CER ECJ0EB1A104K	B	103.2/28
C565	4030016930	S.CER ECJ0EB1A104K	B	44/29.9
C566	4030017460	S.CER ECJ0EB1E102K	B	42.8/49.5
C567	4030016930	S.CER ECJ0EB1A104K	B	42.8/50.4
C568	4030017460	S.CER ECJ0EB1E102K	B	67.3/6.6
C569	4550006250	S.TAN TEESVA 1A 106M8R	B	89.6/40.7
C573	4030016930	S.CER ECJ0EB1A104K	B	34.7/23.7
C574	4030016930	S.CER ECJ0EB1A104K	B	62.6/11.9
C575	4510009020	S.ELE EEE0JA331P	B	106/11.4
J501	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	26.9/27.5
J502	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	52.9/15.1
J503	6450002210	CON 3017-8821 <KIN>		
J504	6510014961	S.CON B2B-ZR-SM4-TF(LF)(SN)	B	18.4/57
DS500	5030002811	LCD L4-0013TVY-2		
DS501	5040002710	LED EMPG3338S		
DS502	5040002720	LED EMVR3338S		
DS503	5040002710	LED EMPG3338S		
DS504	5040002720	LED EMVR3338S		
DS505	5040002310	S.LED SML-311YTT86	T	111.2/43.2
DS506	5040002310	S.LED SML-311YTT86	T	101.3/43.2
DS507	5040002310	S.LED SML-311YTT86	T	91.3/43.2
DS508	5040002310	S.LED SML-311YTT86	T	81.2/43.1
DS509	5040002310	S.LED SML-311YTT86	T	71.3/43.2
DS510	5040002310	S.LED SML-311YTT86	T	61.3/43.2
DS511	5040002150	LED VRPG3349S-734		

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
DS512	5040002150	LED VRPG3349S-734		
S506	2250000511	ENC RH70N1037E20-13F-2781		
SP501	2510001221	SPE C052SB500-14 <OSC>		
W501	8900011800	CAB OPC-1199		
W502	8900017540	CAB OPC-1785		
EP501	8930065150	LCD SRCN-2781-SP-N-W (SHJ)		
EP503	6910019600	SPA LM-5		
EP504	6910019610	SPA LM-7 (SPACER)		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[CONNECT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C601	4030017420	S.CER ECJ0EC1H470J	T	13.8/12.4
C602	4030017400	S.CER ECJ0EC1H220J	T	12.2/12.4
C603	4030017420	S.CER ECJ0EC1H470J	T	16.5/12.4
C604	4030017400	S.CER ECJ0EC1H220J	T	15/14.2
C605	4030017420	S.CER ECJ0EC1H470J	T	17.8/13.9
C606	4030017420	S.CER ECJ0EC1H470J	T	19.4/12.4
C607	4030017420	S.CER ECJ0EC1H470J	T	20.5/13.9
C608	4030017420	S.CER ECJ0EC1H470J	T	22.6/12.4
C609	4030017420	S.CER ECJ0EC1H470J	T	25.5/12.4
C610	4030017420	S.CER ECJ0EC1H470J	T	29.7/12.8
C611	4030017420	S.CER ECJ0EC1H470J	T	31/14.1
C612	4030017420	S.CER ECJ0EC1H470J	T	32.4/12.8
C613	4030017420	S.CER ECJ0EC1H470J	T	33.5/14.1
C614	4030017420	S.CER ECJ0EC1H470J	T	35.2/14.1
C615	4030017420	S.CER ECJ0EC1H470J	T	35.7/12.8
C616	4030017420	S.CER ECJ0EC1H470J	B	35.2/15.6
C617	4030017420	S.CER ECJ0EC1H470J	T	37.5/13.5
C618	4030017420	S.CER ECJ0EC1H470J	T	39.3/12.2
C619	4030017420	S.CER ECJ0EC1H470J	T	39.9/13.4
C620	4030017420	S.CER ECJ0EC1H470J	T	41.3/12.6
C621	4030017420	S.CER ECJ0EC1H470J	T	27.4/13.9
J601	6510026290	S.CON IMSA-9631S-28Y921	B	22.8/16.2
J602	6510023210	CON CD6125SA1J0 <CVI>		
S1	2260003070	S.SWI MINISMDC150F/24-2	B	38.9/18
W601	8900017500	CAB OPC-1852 (P0.5,N28,L90) <TJM>		

[MAIN-A UNIT] (For the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1-#ZZZB	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.1
IC3	1130010100	S.IC LMX2352TMX/NOPB	B	120.2/43.9
IC4	1130010100	S.IC LMX2352TMX/NOPB	B	28/78.8
IC5	1110003491	S.IC TA31136FNG(D,EL)	B	70.4/82.5
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4
IC8	1130012910	S.IC AK4554VTP-E2P	B	36.2/59.9
IC9	1190002080	S.IC AD7476ARTZ-500RL7 <FE>	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK(T5L,F)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35
IC12	1140013290	S.IC TMS320VC5509AZHH	B	33.3/37.8
IC13	1180002590	S.REG XC6204B332MR	T	80.9/20.4
IC14	1180003270	S.REG R1114Q161D-TR-F	T	84.4/21.4
IC15	1180002590	S.REG XC6204B332MR	T	87.8/21.3
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.2/52.8
IC20	1140014550	S.IC HD64F2506RFC26DV(EMPTY)	T	33.5/37.6
IC21	1140012950	S.IC 24LC512T-I/SM <SEI>	T	59.1/21.8
IC22	1150002231	IC RA55H3340M-121		
IC23	1110002751	S.IC TA75S01F(TE85R,F)	T	139.3/125.6
IC25	1130008561	S.IC TC75S51F(TE85L,F)	B	29/16.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.7/70
IC27	1180001252	S.IC TA7808F(TE16L1,NQ)	T	116.6/84.1
IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85R,F)	T	12/123.1
IC30	1110003390	S.IC AN8005M-(E1)	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.1/45.2
IC32	1130013360	S.IC AT25F2048N-10SU-2.7SL383 0	B	8.9/36.1
IC34	1110005340	S.IC NJM12902V-TE1-#ZZZB	B	12.2/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.2
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4
IC37	1120002830	S.IC NJM2125F-TE1-#FZZB	T	56.6/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180001072	S.IC TA7805F(TE16L1,NQ)	T	101.2/24.3
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2
IC41	1180001252	S.IC TA7808F(TE16L1,NQ)	B	132/16.7
Q1	1590003231	S.TRA UNR9113G0L	B	53.4/79.7
Q2	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	34.9/77.7
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Q4	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	88.8/41.5
Q5	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	33.3/107.5
Q6	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	29.6/101.3
Q7	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	72.9/92.5
Q8	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	92.7/47.7
Q9	1560001360	S.FET 2SK3019 TL	B	39.5/104.5
Q10	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/44.6
Q11	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/104.4
Q12	1590003231	S.TRA UNR9113G0L	B	65.6/101.6
Q13	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/47.7
Q14	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/107.5
Q15	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	92.7/44.6
Q16	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	33.3/104.5
Q19	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	63.2/106.8
Q20	1530002920	S.TRA 2SC4226-T1 R25	B	38.8/123.1
Q21	1530002920	S.TRA 2SC4226-T1 R25	B	39.6/114.5
Q22	1530002920	S.TRA 2SC4226-T1 R25	B	94.6/64.3
Q23	1530002920	S.TRA 2SC4226-T1 R25	B	95.2/55.4
Q24	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	100.5/58.6
Q25	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	44.9/116.2
Q26	1590001400	S.TRA XP1214(TX)	B	40.5/117.8
Q27	1590001400	S.TRA XP1214(TX)	B	96/59.6
Q28	1590003291	S.TRA UNR9213G0L	B	93.3/59.6
Q29	1590003291	S.TRA UNR9213G0L	T	57.2/41.9
Q30	1590003291	S.TRA UNR9213G0L	B	37.8/117.8
Q31	1590003231	S.TRA UNR9113G0L	T	57.2/39.8
Q32	1530004110	S.TRA MT3S37T(TE85L,F)	B	46.5/109.1
Q33	1530004110	S.TRA MT3S37T(TE85L,F)	B	102.1/53.4
Q34	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	46.2/123.1
Q35	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85L,F)	B	47.3/136.1
Q37	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	132.5/84.5
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829(TE85R,F)	B	53.2/140.8
Q40	1590001190	S.TRA XP6501-(TX).AB	T	101.6/87.4
Q41	1520000460	S.TRA 2SB1132 T100 R	T	101.6/82.8
Q42	1590003291	S.TRA UNR9213G0L	T	13.3/67.6
Q43	1590003291	S.TRA UNR9213G0L	T	138.8/122.9
Q44	1590003291	S.TRA UNR9213G0L	T	122.8/79.2
Q45	1540000550	S.TRA 2SD1664 T100Q	T	117/76.3
Q46	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	137.4/120.3
Q48	1510000920	S.TRA 2SA1577 T106 Q	T	101.5/77.8
Q49	1590003291	S.TRA UNR9213G0L	T	102.2/73.7
Q52	1590003291	S.TRA UNR9213G0L	T	10.9/131.6
Q53	1590003291	S.TRA UNR9213G0L	T	10.9/129.6
Q56	1590003560	S.FET TPC6104 (TE85L,F)	T	7.6/132.6
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590003291	S.TRA UNR9213G0L	T	130.2/102.1
Q59	1590000990	S.TRA DTC363EK T146	T	7.6/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	6.8/118.4
Q62	1540000441	S.TRA 2SD1619T-TD-E	T	118.4/18.5
Q63	1560000990	S.FET PMBFJ310	B	66.3/110
Q64	1560000990	S.FET PMBFJ310	B	63.3/110
Q65	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	59.6/123.7
Q66	1590003291	S.TRA UNR9213G0L	B	94.9/4.7
Q67	1590003291	S.TRA UNR9213G0L	B	124.9/4.7
Q68	1590003291	S.TRA UNR9213G0L	B	109.9/4.7

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount





[MAIN-A UNIT] (For the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Rows include parts like ERJ2GGEJ 332 X (3.3K), MCR10EZHH 3.3K (332), ERJ2GGEJ 101 X (100), etc.

[MAIN-A UNIT] (For the IC-FR6000-L)

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Rows include parts like ERJ2GGEJ 823 X (82K), ERJ2GGEJ 104 X (100K), ERJ2GGEJ 103 X (100K), etc.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount







[MAIN-A UNIT] (For the IC-FR6000-L)

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C495	4030016930	S.CER ECJ0EB1A104K	T	117.2/90.7
C496	4030016930	S.CER ECJ0EB1A104K	T	122.4/92.2
C497	4030016930	S.CER ECJ0EB1A104K	T	109.7/82
C498	4030016930	S.CER ECJ0EB1A104K	T	11.4/43.2
C501	4030017420	S.CER ECJ0EC1H470J	T	12.2/31.2
C502	4030017420	S.CER ECJ0EC1H470J	T	29.5/2.8
C503	4030017420	S.CER ECJ0EC1H470J	T	48/99.4
C506	4030016930	S.CER ECJ0EB1A104K	B	26.3/43.3
C507	4030016930	S.CER ECJ0EB1A104K	B	32.9/31
C508	4030016930	S.CER ECJ0EB1A104K	B	40.1/42.7
C509	4030016930	S.CER ECJ0EB1A104K	B	26.2/39
C510	4030016930	S.CER ECJ0EB1A104K	B	26.6/33
C511	4030016930	S.CER ECJ0EB1A104K	B	40.1/34.2
C512	4030017420	S.CER ECJ0EC1H470J	T	92/14.7
C513	4550006250	S.TAN TEESVA 1A 106M8R	B	8.4/59.8
C514	4030016930	S.CER ECJ0EB1A104K	B	11.7/53.5
C515	4030016930	S.CER ECJ0EB1A104K	B	15.5/54.4
C516	4030016930	S.CER ECJ0EB1A104K	T	65.1/69.6
C517	4030016930	S.CER ECJ0EB1A104K	B	15.6/63.1
C518	4030016930	S.CER ECJ0EB1A104K	B	12.4/62.4
C519	4030017460	S.CER ECJ0EB1E102K	B	15.6/59.9
C521	4030016930	S.CER ECJ0EB1A104K	B	18.1/53.6
C522	4030016930	S.CER ECJ0EB1A104K	T	51.2/31.8
C523	4030016930	S.CER ECJ0EB1A104K	T	51.2/33
C524	4030018910	S.CER C1608 JB 0J 475K-T	T	9.5/56
C525	4030018910	S.CER C1608 JB 0J 475K-T	B	25.8/58.3
C526	4030017730	S.CER ECJ0EB1E471K	B	29.8/57.9
C527	4030016790	S.CER ECJ0EB1C103K	B	26.1/50.3
C528	4030017670	S.CER ECJ0EC1H390J	B	37.4/120.7
C529	4030017630	S.CER ECJ0EC1H120J	B	38.3/112.2
C530	4030017420	S.CER ECJ0EC1H470J	T	60.4/62.3
C531	4030017670	S.CER ECJ0EC1H390J	B	93.3/62
C532	4030017670	S.CER ECJ0EC1H390J	B	93.6/52.9
C533	4510008120	S.ELE 16 CE 100 BS	T	125.1/26.4
C534	4030016790	S.CER ECJ0EB1C103K	T	118.5/26.7
C535	4030016790	S.CER ECJ0EB1C103K	B	67.4/101.6
C536	4030016790	S.CER ECJ0EB1C103K	B	65.7/98.3
C538	4030006860	S.CER C1608 JB 1H 102K-T	T	36.2/145.1
C539	4030017790	S.CER ECJ0EB1E682K	T	22.8/57
C540	4030017730	S.CER ECJ0EB1E471K	T	21.2/56.6
C541	4030016930	S.CER ECJ0EB1A104K	T	22.8/55.4
C542	4030017440	S.CER ECJ0EC1H221J	T	27.1/55
C543	4030016930	S.CER ECJ0EB1A104K	T	56.5/68.9
C544	4030017460	S.CER ECJ0EB1E102K	T	62.4/72.9
C545	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH)	T	97.6/106.8
C546	4030018910	S.CER C1608 JB 0J 475K-T	B	40.4/56.7
C547	4030017760	S.CER ECJ0EB1H222K	T	53.7/72.1
C548	4030016930	S.CER ECJ0EB1A104K	T	14.1/120.6
C549	4030017420	S.CER ECJ0EC1H470J	T	23.1/86.8
C550	4030017420	S.CER ECJ0EC1H470J	T	70.1/82.6
C551	4030017330	S.CER ECJ0EF1C104Z	T	114.2/28.9
C552	4030016790	S.CER ECJ0EB1C103K	B	121.9/48.8
C553	4030016930	S.CER ECJ0EB1A104K	B	30.8/19.4
C555	4030016930	S.CER ECJ0EB1A104K	B	69.8/75.5
C556	4030016930	S.CER ECJ0EB1A104K	T	105.2/28.6
C557	4030016930	S.CER ECJ0EB1A104K	T	97/28.6
C558	4550006250	S.TAN TEESVA 1A 106M8R	T	95.1/27.9
C559	4550007080	S.TAN TEESVA 1C 106M8R	T	45.9/75.5
C562	4030017420	S.CER ECJ0EC1H470J	T	38.5/76.1
C563	4030016930	S.CER ECJ0EB1A104K	B	26.5/122.3
C564	4030017570	S.CER ECJ0EC1H040B	B	68.3/131.3
C565	4030017340	S.CER ECJ0EC1H010B	B	47.9/113.5
C566	4030018860	S.CER ECJ0EB0J105K	B	39/72.7
C571	4030017580	S.CER ECJ0EC1H060C	T	64.6/99.1
C572	4030017580	S.CER ECJ0EC1H060C	T	65.6/99.1
C573	4030017580	S.CER ECJ0EC1H060C	T	65.3/97.4
C574	4030017580	S.CER ECJ0EC1H060C	B	64/134.7
C575	4030017420	S.CER ECJ0EC1H470J	B	62.9/132.4
C576	4030017460	S.CER ECJ0EB1E102K	T	67.1/106.5
C577	4030017460	S.CER ECJ0EB1E102K	T	67.1/104.9
C578	4030017200	S.CER GRM31BR32J102KY01L	T	92/126
C579	4550006250	S.TAN TEESVA 1A 106M8R	B	94.7/50.6
C580	4030017420	S.CER ECJ0EC1H470J	T	100.7/73.5
C581	4030018910	S.CER C1608 JB 0J 475K-T	B	46.2/60.9
C582	4030018910	S.CER C1608 JB 0J 475K-T	T	69.7/98.2
C583	4030016930	S.CER ECJ0EB1A104K	B	46.3/58.6
C584	4030016790	S.CER ECJ0EB1C103K	B	54.9/55.3
C585	4030016930	S.CER ECJ0EB1A104K	B	54.9/58.6
C586	4030017730	S.CER ECJ0EB1E471K	B	54.9/56.9
C587	4030016790	S.CER ECJ0EB1C103K	B	52.3/59.8
C588	4030018910	S.CER C1608 JB 0J 475K-T	T	70.9/98.2
C601	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH)	T	97.6/111.3
C610	4030018080	S.CER ECJ0EB1H182K	T	63.3/69.6
C612	4030017460	S.CER ECJ0EB1E102K	B	55.7/29.9
C614	4030017730	S.CER ECJ0EB1E471K	B	29/13.2
C615	4030017370	S.CER ECJ0EC1H3R5B	B	63.2/117.5
C616	4030017460	S.CER ECJ0EB1E102K	T	93.8/64.6
C617	4030017420	S.CER ECJ0EC1H470J	T	60/64.8
C618	4030017420	S.CER ECJ0EC1H470J	T	64.9/53.3
C619	4030017420	S.CER ECJ0EC1H470J	T	74.2/107.7
C620	4030017420	S.CER ECJ0EC1H470J	T	73.7/96.8
C621	4030017420	S.CER ECJ0EC1H470J	T	31.5/2.8
C622	4030018910	S.CER C1608 JB 0J 475K-T	T	64.3/73.2
C623	4030017330	S.CER ECJ0EF1C104Z	B	126.8/16
C624	4030017330	S.CER ECJ0EF1C104Z	B	126.3/20.3
C625	4030017460	S.CER ECJ0EB1E102K	B	126.8/17.2

[MAIN-A UNIT] (For the IC-FR6000-L)

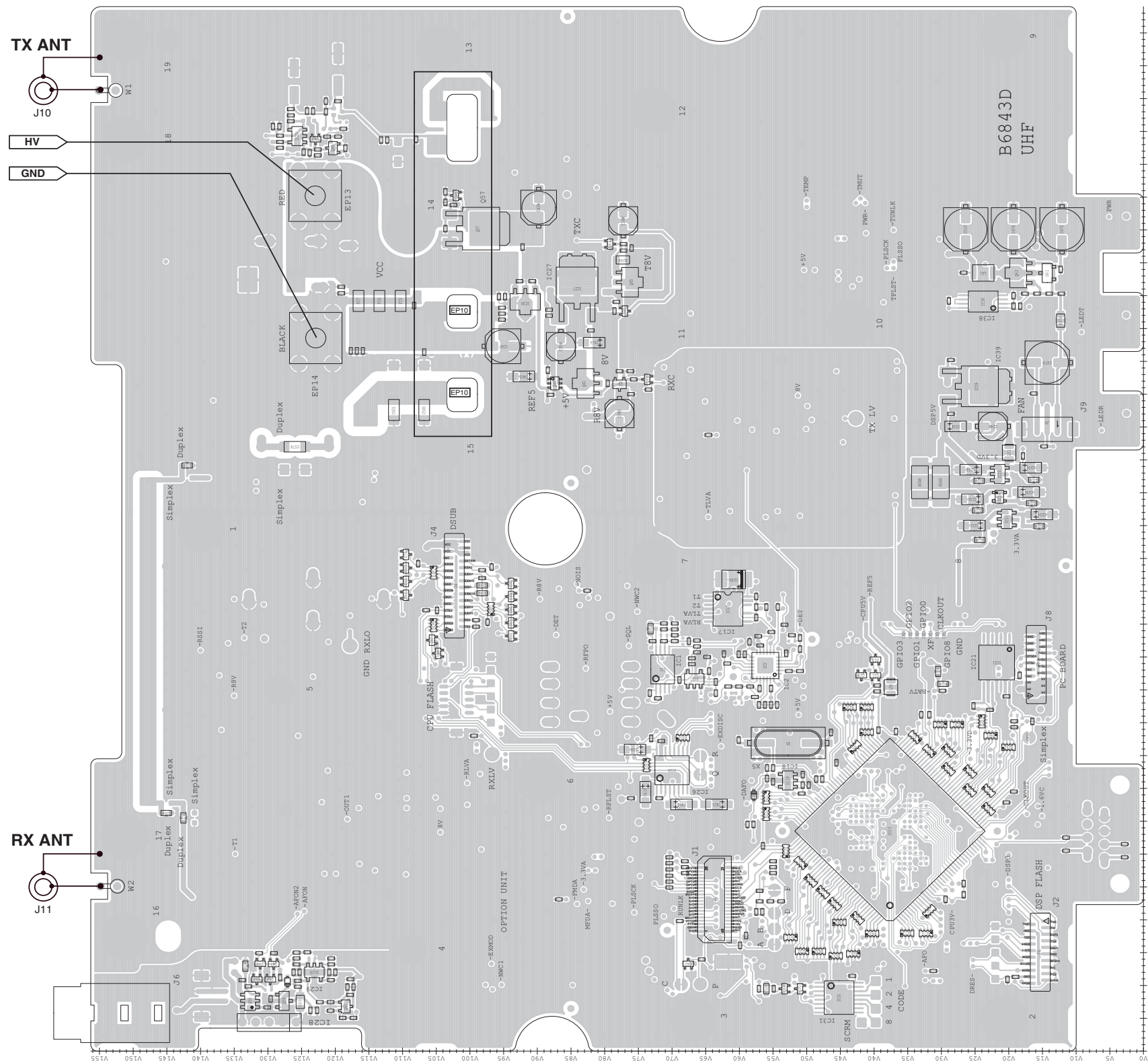
REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
C638	4030019120	S.CER GRM188B31E105KA75D	T	12.9/133.4
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	14.8/15.6
J4	6510023512	S.CON 28FLT-SM2-TB(LF)(SN)(M)	T	70.8/102
J5	6510023110	CON 3008L-8P8C <KIN>		
J6	6450000140	CON HSJ0807-01-010		
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	59.1/15.6
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.6/14.3
J10	6510004910	CON NR-DS-E 01 <NIP>		
J11	6510004910	CON NR-DS-E 01 <NIP>		
DS1	5040002961	S.LED SML-A12MT T86J	B	96/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126/1.1
DS3	5040003000	S.LED SML-A12UT-T86	B	111/1.1
MF1	2710000870	FAN AFB0512HB-7X22 <USE>HK		
W1	7030012290	JUM RDS2TOR0		
W2	7030012290	JUM RDS2TOR0		
W4	8900017520	CAB OPC-1783		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	30.4/60.5
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.8/39.3
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

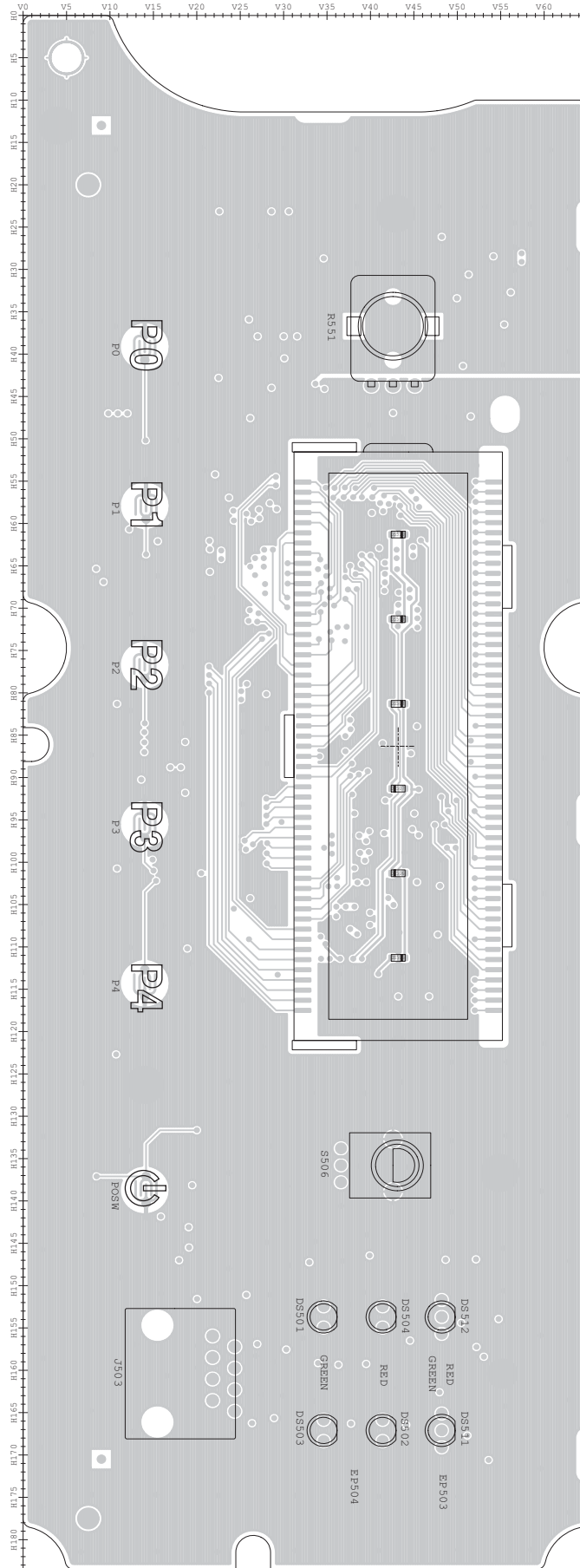
# BOARD LAYOUTS

The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C.Board.

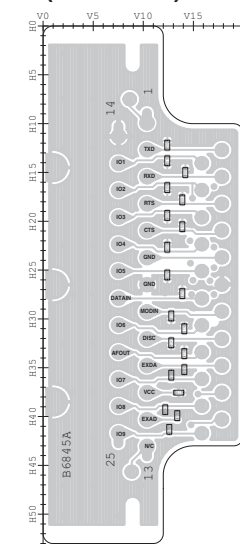
• MAIN UNIT (For all models except the IC-FR6000-L)  
(TOP VIEW)

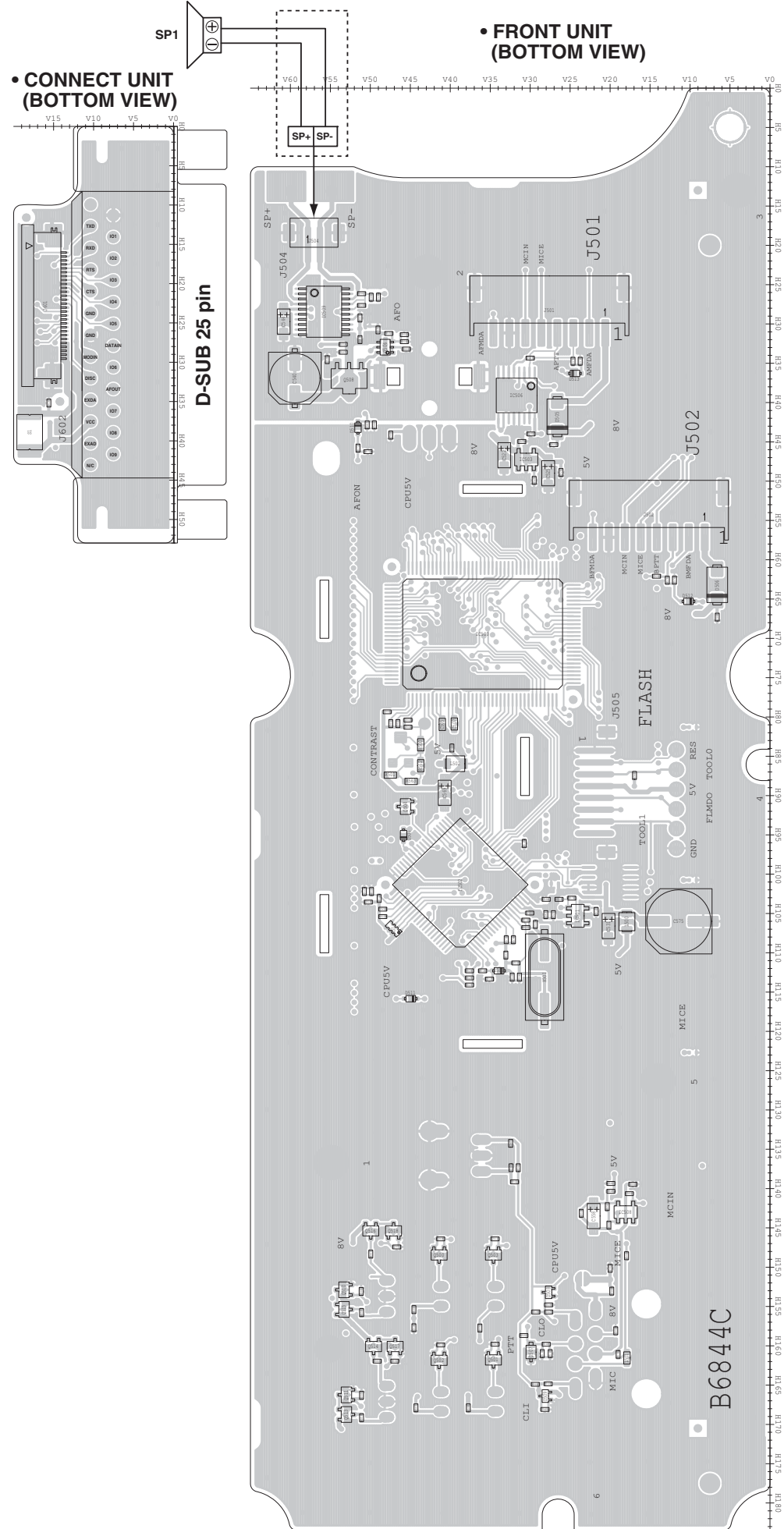


• FRONT UNIT  
(TOP VIEW)

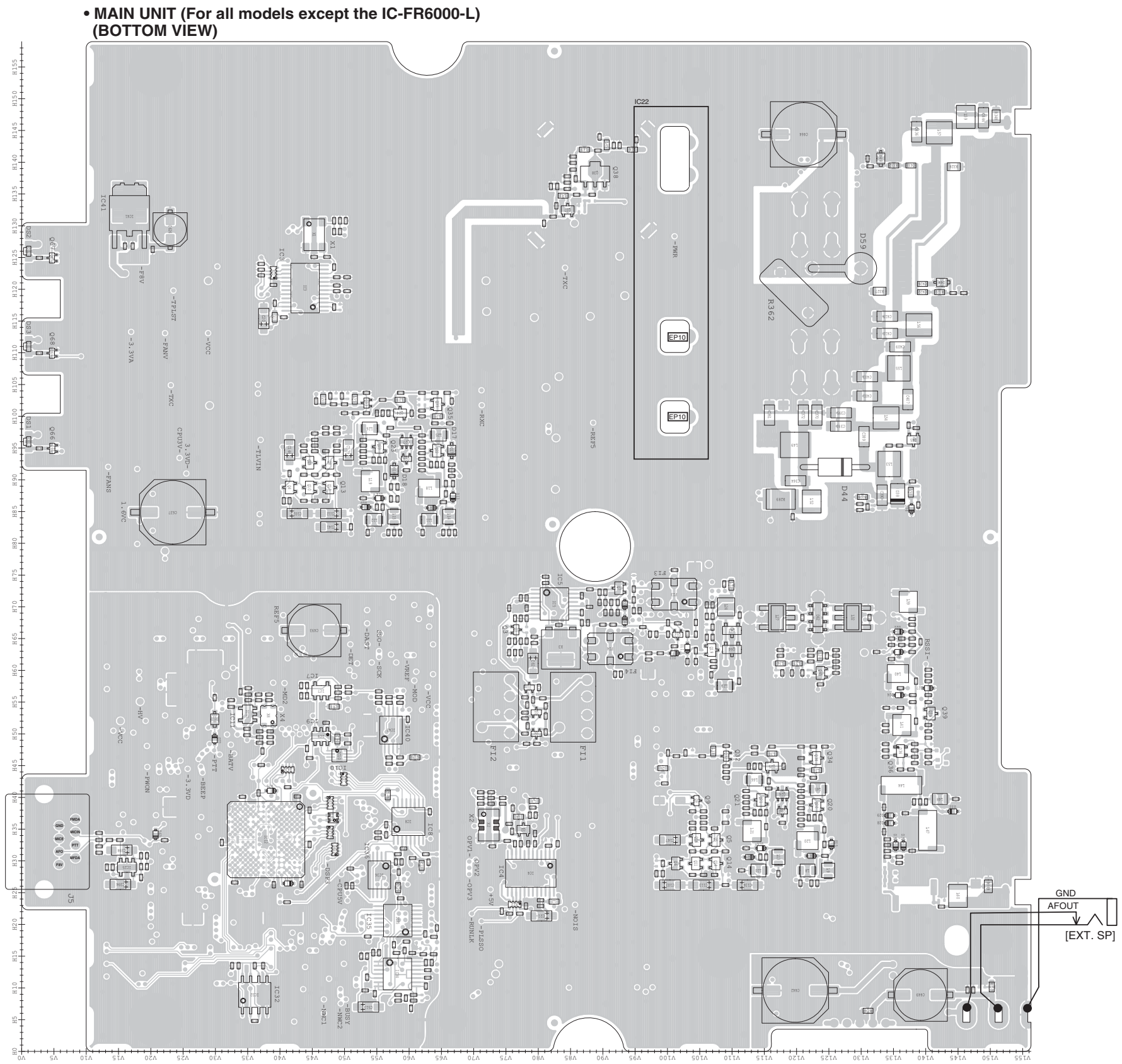


• CONNECT UNIT  
(TOP VIEW)

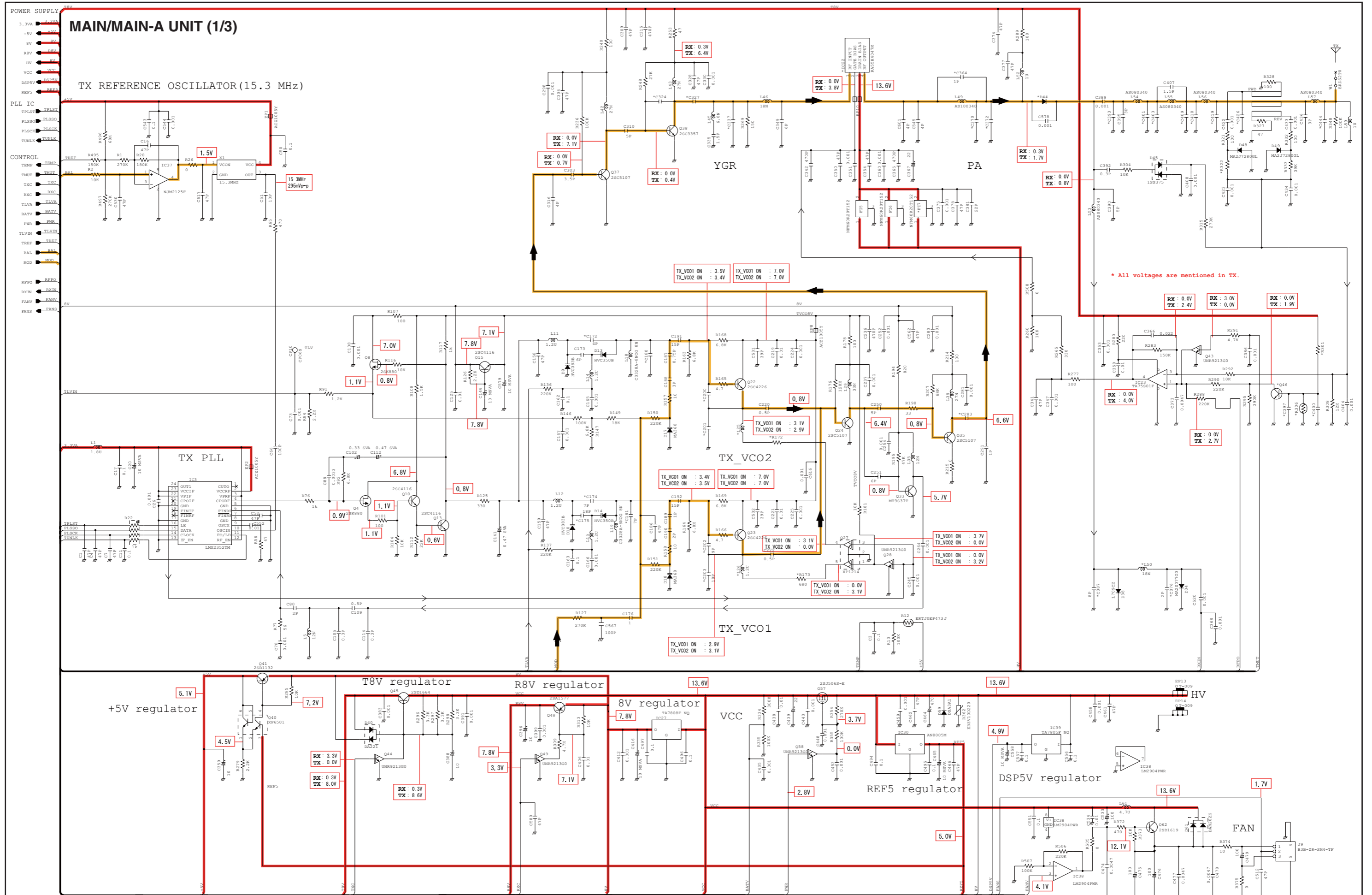


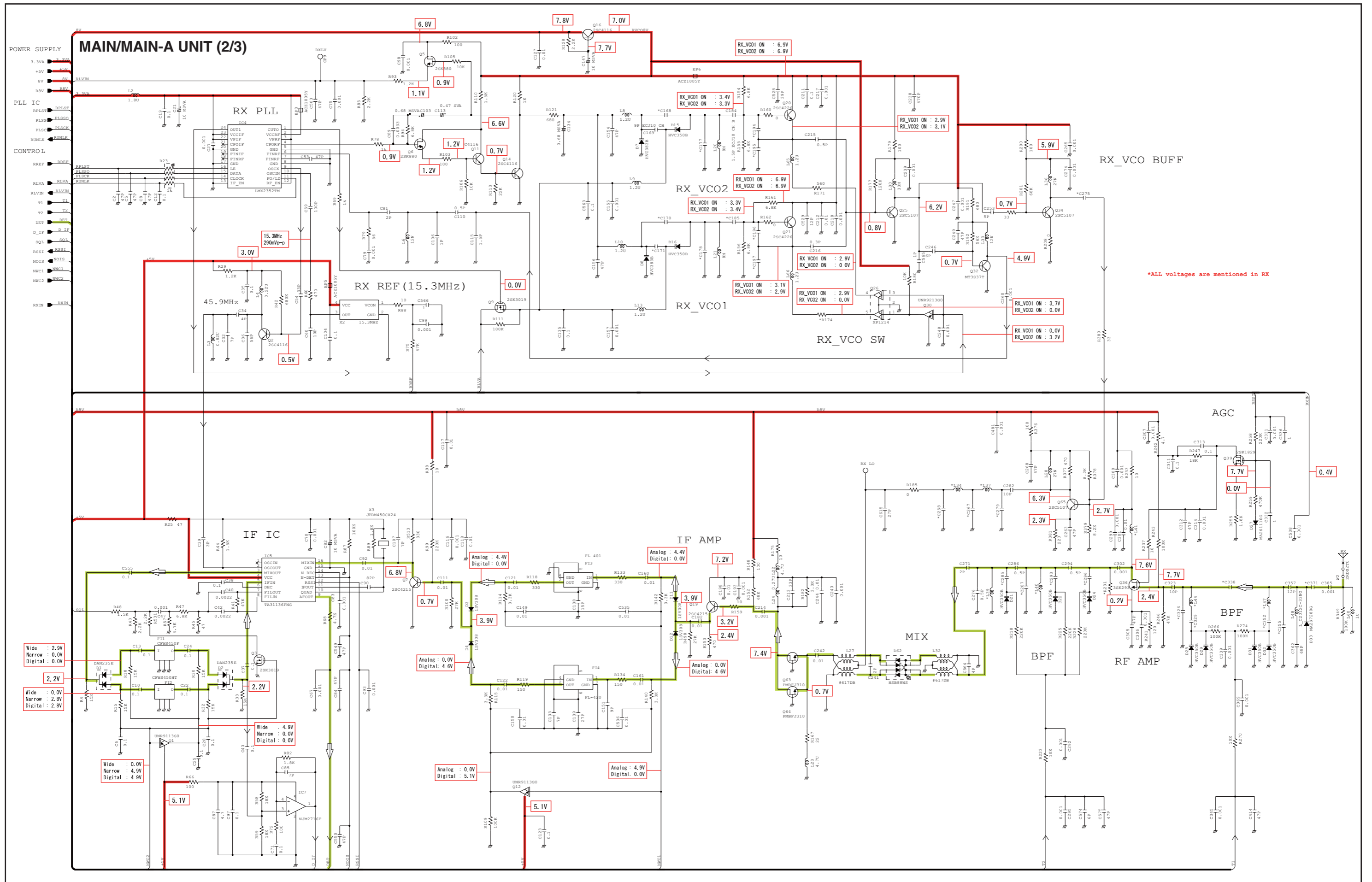


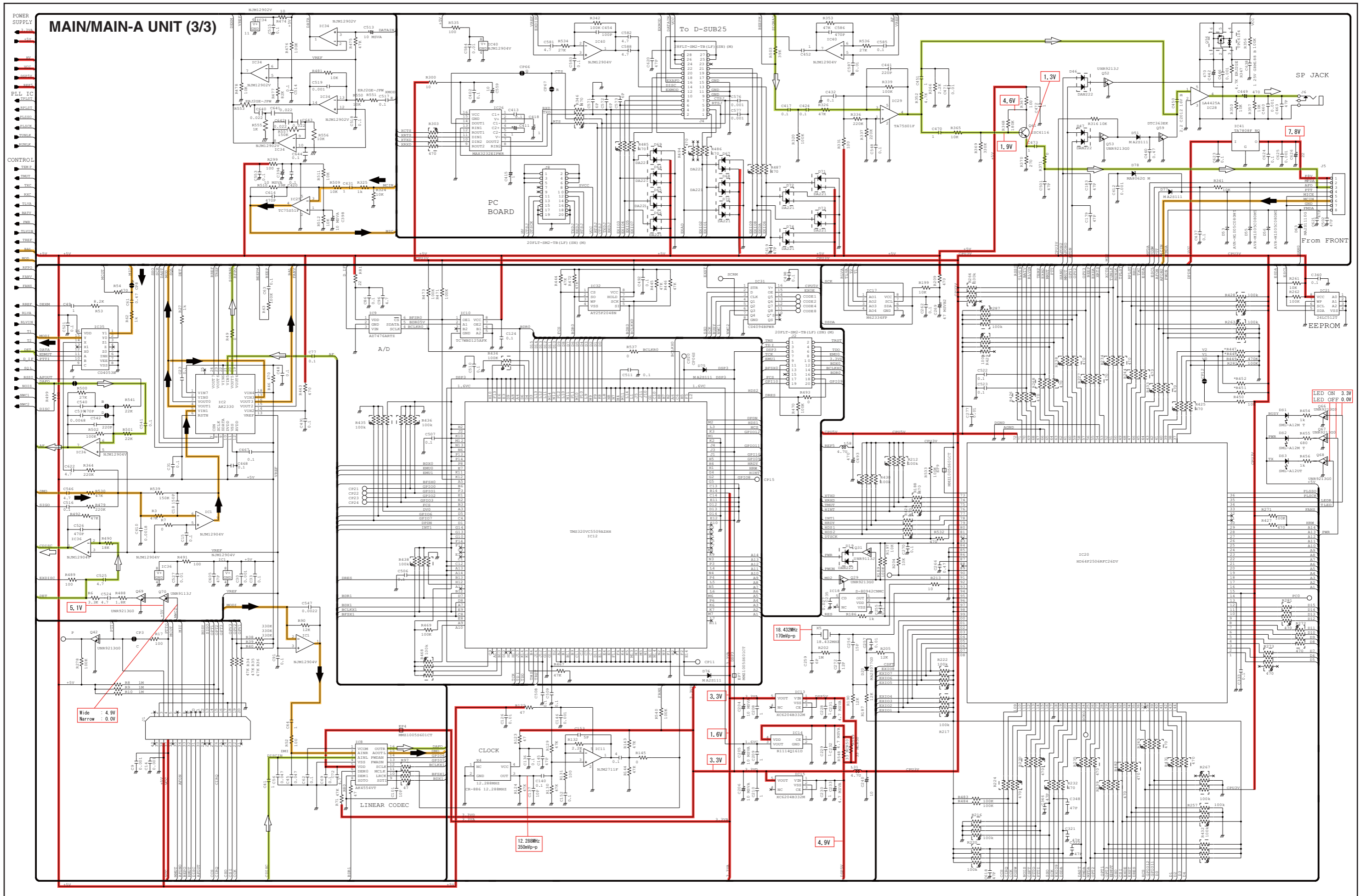
The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C Board.



# VOLTAGE DIAGRAM







\*; Refer to "PARTS LIST"

Aug. 2009



# SERVICE MANUAL ADDENDUM

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**IC-FR6000 IC-FR6100 IC-FR6000-L**

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## CONTENTS

PARTS LIST .....	1
VOLTAGE DIAGRAM .....	11

## PARTS LIST

## [MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1-#ZZZB	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.1
IC3	1130010100	S.IC LM2352TMX/NOPB	B	120.2/43.9
IC4	1130010100	S.IC LM2352TMX/NOPB	B	28/78.8
IC5	1110003491	S.IC TA31136FNG(D,EL)	B	70.4/82.5
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4
IC8	1130012910	S.IC AK4554VTP-E2/P	B	36.2/59.9
IC9	1190002080	S.IC AD7476ARTZ-500RL7 <FE>	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK(T5L,F)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35
IC12	1140013290	S.IC TMS320V/C5509AZHH	B	33.3/37.8
IC13	1180002590	S.REG XC6204B332MR	T	80.9/21.3
IC14	1180003270	S.REG R1114Q161D-TR-F	T	84.4/21.4
IC15	1180002590	S.REG XC6204B332MR	T	87.8/21.3
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.2/52.8
IC20	1140014550	S.IC HD64F2506RFC26DV(EMPTY)	T	33.5/37.6
IC21	1140012950	S.IC 24LC512T-I/SM	T	59.1/21.8
IC22	1150002211	IC RA55H4047M-121 [USA-01]		
	1150002211	IC RA55H4047M-121 [EXP-01]		
	1150002211	IC RA55H4047M-121 [CHN-02]		
	1150002211	IC RA55H4452M-121 [USA-02]		
	1150002221	IC RA55H4452M-121 [EXP-02]		
	1150002092	IC RA30H4047M-121 [EUR-01]		
IC23	1110002751	S.IC TA75S01F(TE85R,F)	T	139.3/125.6
IC25	1130008561	S.IC TC75S51F(TE85L,F)	B	29/16.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.7/70
IC27	1180001251	S.IC TA7808F(TE16L,Q)	T	116.6/84.1
IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85R,F)	T	12/123.1
IC30	1110003390	S.IC AN8005M-(E1)	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.1/45.2
IC32	1130013360	S.IC AT25F2048N-10SU-2.7SL383	B	8.9/36.1
IC34	1110005340	S.IC NJM12902V-TE1-#ZZZB	B	12.2/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.2
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4
IC37	1120002830	S.IC NJM1215F-TE1-#FZZB	T	56.6/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180001071	S.IC TA7805F(TE16L,Q)	T	101.2/24.3
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2
IC41	1180001251	S.IC TA7808F(TE16L,Q)	B	132/16.7
Q1	1590003231	S.TRA UNR9113G0L	B	53.4/79.7
Q2	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	34.9/77.7
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Q4	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	88.8/41.5
Q5	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	33.3/107.5
Q6	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	29.6/101.3
Q7	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	72.9/92.5
Q8	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	92.7/47.7
Q9	1560001360	S.FET 2SK3019 TL	B	39.5/104.5
Q10	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/44.6
Q11	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/104.4
Q12	1590003231	S.TRA UNR9113G0L	B	65.6/101.6
Q13	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/47.7
Q14	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/107.5
Q15	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	92.7/44.6
Q16	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	33.3/104.5
Q19	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	63.2/106.8
Q20	1530002920	S.TRA 2SC4226-T1 R25	B	38.8/123.1
Q21	1530002920	S.TRA 2SC4226-T1 R25	B	39.6/114.5
Q22	1530002920	S.TRA 2SC4226-T1 R25	B	94.6/64.3
Q23	1530002920	S.TRA 2SC4226-T1 R25	B	95.2/55.4
Q24	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	100.5/88.6
Q25	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	44.9/116.2
Q26	1590001400	S.TRA XP1214(TX)	B	40.5/117.8
Q27	1590001400	S.TRA XP1214(TX)	B	96/59.6
Q28	1590003291	S.TRA UNR9213G0L	B	93.3/59.6
Q29	1590003291	S.TRA UNR9213G0L	T	57.2/41.9
Q30	1590003291	S.TRA UNR9213G0L	B	37.8/117.8
Q31	1590003231	S.TRA UNR9113G0L	T	57.2/39.8
Q32	1530004110	S.TRA MT3S37T(TE85L,F)	B	46.5/109.1
Q33	1530004110	S.TRA MT3S37T(TE85L,F)	B	102.1/53.4
Q34	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	46.2/123.1
Q35	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85L,F)	B	47.3/136.1
Q37	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	132.5/84.5
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829(TE85R,F)	B	53.2/140.8
Q40	1590001190	S.TRA XP6501-(TX).AB	T	101.6/87.4
Q41	1520000460	S.TRA 2SB1132 T100 R	T	101.6/82.8
Q42	1590003291	S.TRA UNR9213G0L	T	13.3/67.6
Q43	1590003291	S.TRA UNR9213G0L	T	138.8/122.9
Q44	1590003291	S.TRA UNR9213G0L	T	122.8/79.2
Q45	1540000550	S.TRA 2SD1664 T100Q	T	117/76.3
Q46	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	137.4/120.3
Q48	1510000920	S.TRA 2SA1577 T106 Q	T	101.5/77.8
Q49	1590003291	S.TRA UNR9213G0L	T	102.2/73.7
Q52	1590003291	S.TRA UNR9213G0L	T	10.9/131.6
Q53	1590003291	S.TRA UNR9213G0L	T	10.9/129.6
Q56	1590003560	S.FET TPC6104	T	7.6/132.6
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590003291	S.TRA UNR9213G0L	T	130.2/102.1
Q59	1590000990	S.TRA DTC363EK T146	T	7.6/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	6.8/118.4
Q62	1540000441	S.FET 2SD1619T-TD-E	T	118.4/18.5
Q63	1560000990	S.FET PMBFJ310	B	66.3/110

## [MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
Q64	1560000990	S.FET PMBFJ310	B	63.3/110
Q65	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	59.6/123.7
Q66	1590003291	S.TRA UNR9213G0L	B	94.9/4.7
Q67	1590003291	S.TRA UNR9213G0L	B	124.9/4.7
Q68	1590003291	S.TRA UNR9213G0L	B	109.9/4.7
Q69	1590003291	S.TRA UNR9213G0L	T	9.5/53.3
Q70	1590003231	S.TRA UNR9113G0L	T	9.5/51
D1	1750001070	S.DIO DAN235ETL	B	57.3/78.6
D2	1750001070	S.DIO DAN235ETL	B	50/79.7
D3	1790001621	S.DIO 1SV308(TPL3,F)	B	70.3/93.4
D4	1790001621	S.DIO 1SV308(TPL3,F)	B	67.8/93.4
D7	1750001150	S.VAR HVC383BTRF-E	B	30.8/122.3
D8	1750001150	S.VAR HVC383BTRF-E	B	30.6/112.7
D9	1750001150	S.VAR HVC383BTRF-E	B	85.6/63.5
D10	1750001150	S.VAR HVC383BTRF-E	B	85.7/53.3
D11	1790001621	S.DIO 1SV308(TPL3,F)	B	63.5/103.1
D12	1790001621	S.DIO 1SV308(TPL3,F)	B	62.7/101.1
D13	1750000711	S.VAR HVC350BTRF-E	B	87.3/66.8
D14	1750000711	S.VAR HVC350BTRF-E	B	87.1/55.4
D15	1750000711	S.VAR HVC350BTRF-E	B	32.6/125.4
D16	1750000711	S.VAR HVC350BTRF-E	B	32/114.5
D17	1720000570	S.VAR MA368(TX)	B	94.6/66.6
D18	1720000570	S.VAR MA368(TX)	B	91.4/57.7
D19	1750000520	S.DIO DAN222TL	T	59.6/39.8
D20	1790001261	S.DIO MA2S077G0L	T	38.9/57.8
D21	1750000711	S.VAR HVC350BTRF-E	B	66.1/135.8
D22	1750000711	S.VAR HVC350BTRF-E	B	62.9/135.8
D24	1750000711	S.VAR HVC350BTRF-E	B	56.1/135.9
D27	1790001251	S.DIO MA2S1110GL	B	57.2/140.4
D28	1750000711	S.VAR HVC350BTRF-E	B	35.9/134.4
D29	1750000711	S.VAR HVC350BTRF-E	B	37.1/134.4
D31	1750000711	S.VAR HVC350BTRF-E	B	32.4/136.5
D32	1750000711	S.VAR HVC350BTRF-E	B	32.4/135.3
D33	1790001241	S.DIO MA2S7280GL	B	37.8/144.2
D34	1790001621	S.DIO 1SV308 F	B	85.4/137.8
D38	1750001360	S.DIO L709CER (9401)	B	87.8/135.6
D40	1750000370	S.DIO DA221 TL	T	112.6/77
D44	1710001061	DIO L407CDB		
D45	1790001211	S.DIO 1SS375-TL-E	B	96.3/138.1
D46	1750000520	S.DIO DAN222TL	T	13.3/131.1
D47	1750000520	S.DIO DAN222TL	T	13.2/129.1
D48	1790000661	S.DIO MA2J7280GL	B	121.1/142.5
D49	1790000661	S.DIO MA2J7280GL	B	140.6/133
D51	1790001251	S.DIO MA2S1110GL	T	10.5/127.1
D53	1790001810	S.VAR AVR-M1005C080MTABB	T	32.5/111.5
D55	1790001810	S.VAR AVR-M1005C080MTABB	T	30.5/11.5
D56	1790001810	S.VAR AVR-M1005C080MTABB	B	33.2/22.1
D59	1790000700	DIO DSA3A1		
D61	1160000070	S.DIO DAN202K T146	T	118.4/14.3
D62	1750000431	S.DIO HSB88WSTR-E	B	68.3/123.3
D63	1790001251	S.DIO MA2S1110GL	B	34.1/20.7
D64	1750000370	S.DIO DA221 TL	T	63.2/93.9
D65	1750000370	S.DIO DA221 TL	T	65.2/93.9
D66	1750000370	S.DIO DA221 TL	T	67.2/93.9
D67	1750000370	S.DIO DA221 TL	T	62.5/105.6
D68	1750000370	S.DIO DA221 TL	T	60.5/104.7
D69	1750000370	S.DIO DA221 TL	T	69.2/93.9
D70	1750000370	S.DIO DA221 TL	T	71.2/93.9
D71	1750000370	S.DIO DA221 TL	T	69.4/109.5
D72	1750000370	S.DIO DA221 TL	T	71.5/109.5
D73	1750000370	S.DIO DA221 TL	T	73.5/109.5
D74	1750000370	S.DIO DA221 TL	T	75.6/109.5
D75	1790001251	S.DIO MA2S1110GL	B	41/38.6
D76	1790001251	S.DIO MA2S1110GL	B	26.4/41.3
D77	1790001251	S.DIO MA2S1110GL	B	49.2/29.9
D78	1730002361	S.ZEN MAZ8062GML	B	52.3/29.9
F11	2020001520	CER CFWLA450KFFA-B0 (CFWS450F)		
F12	2020001460	CER CFWLA450KHFA-B0 (CFWS450HT)		
F13	2030000500	S.MON DSF753SFBF 46.35 MHz (FL-401)	B	72/101
F14	2030000670	S.MON DSF753SFBF 46.35 MHz (FL-420)	B	63.4/91.1
F15	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/110.3
F16	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/113.4
F17	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/116.5
X1	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	128.6/45.3
X2	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	35.6/72.3
X3	6070000300	S.DIS JTBM450CX24 <JJJE>	B	63.5/83.5
X4	6050012930	S.XTA CR-886 DSA321SCA 12.288 MHz	B	52.8/38.2
X5	6050012680	S.XTA CR-858(SMD-49/18.432 MHz) <JJJE>	T	46.9/52.7
L1	6200004660	S.COI MLF1608A 1R8K-T	B	115.6/39.2
L2	6200004660	S.COI MLF1608A 1R8K-T	B	23.6/82.4
L3	6200004480	S.COI MLF1608D R2K-T	B	39.4/79.3
L4	6200003540	S.COI MLF1608D R2K-T	B	36.9/76.9

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount



[MAIN/MAIN-A UNIT]

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains parts for units L5 through L66 and R1 through R17.

[MAIN/MAIN-A UNIT]

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains parts for units R18 through R145.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R146	7030005090	S.RES ERJ2GGEJ 104 X (100K)	B	97.3/47.1
R147	7030005290	S.RES ERJ2GGEJ 682 X (6.8K)	B	98.2/47.1
R148	7030004980	S.RES ERJ2GGEJ 101 X (100)	B	59.3/106.8
R149	7030008290	S.RES ERJ2GGEJ 183 X (18K)	B	97.3/48.8
R150	7030005110	S.RES ERJ2GGEJ 224 X (220K)	B	91.5/66.6
R151	7030005110	S.RES ERJ2GGEJ 224 X (220K)	B	88.9/58.2
R152	7030005070	S.RES ERJ2GGEJ 683 X (68K)	B	65.2/107
R153	7030005000	S.RES ERJ2GGEJ 471 X (470)	B	61.4/104.4
R154	7030006020	S.RES RR0510P-682-D (6.8K)	B	36.8/121.9
R155	7030006020	S.RES RR0510P-682-D (6.8K)	B	36.5/120.7
R156	7030006020	S.RES RR0510P-682-D (6.8K)	B	37.4/112.2
R157	7030005530	S.RES ERJ2GGEJ 100 X (10)	B	92.4/66.6
R158	7030005530	S.RES ERJ2GGEJ 100 X (10)	B	88.9/57.2
R159	7030005530	S.RES ERJ2GGEJ 100 X (10)	B	65.2/106.1
R160	7030010040	S.RES ERJ2GGEJ-JPW	B	36.8/123.7
R161	7030006020	S.RES RR0510P-682-D (6.8K)	B	37.6/113.5
R162	7030010040	S.RES ERJ2GGEJ-JPW	B	37.6/115.3
R163	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.4/62
R164	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.7/52.9
R165	7030009320	S.RES ERJ2GGEJ 4R7 X (4.7)	B	92.4/65.2
R166	7030009320	S.RES ERJ2GGEJ 4R7 X (4.7)	B	93.1/56.3
R167	7030007250	S.RES ERJ2GGEJ 220 X (22)	B	58.3/111.1
R168	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.4/63.4
R169	7030006020	S.RES RR0510P-682-D (6.8K)	B	93.1/54.5
R171	7030011920	S.RES RR0510P-561-D (560)	B	41/120.7
R172	7030009820	S.RES RR0510P-681-D (680)	B	97/62
R173	7030009820	S.RES RR0510P-681-D (680)	B	97/56.5
R174	7030009820	S.RES RR0510P-681-D (680)	B	41.4/115.7
R175	7030005530	S.RES ERJ2GGEJ 100 X (10)	B	73.6/108.8
R176	7030005310	S.RES ERJ2GGEJ 124 X (120K)	B	100.5/56.8
R177	7030005310	S.RES ERJ2GGEJ 124 X (120K)	B	44.9/114.4
R178	7030004980	S.RES ERJ2GGEJ 101 X (100)	B	100.5/55.9
R179	7030004980	S.RES ERJ2GGEJ 101 X (100)	B	44.9/113.5
R180	7030005050	S.RES ERJ2GGEJ 103 X (10K)	B	36/109
R181	7030005050	S.RES ERJ2GGEJ 103 X (10K)	B	95.4/48.8
R182	7030007300	S.RES ERJ2GGEJ 332 X (3.3K)	B	68.5/107
R185	7030010040	S.RES ERJ2GGEJ-JPW	B	62.3/117.5
R186	7030005120	S.RES ERJ2GGEJ 102 X (1K)	T	39.2/50.7
R187	7030008010	S.RES ERJ2GGEJ 123 X (12K)	T	41.5/55.9
R188	7410001150	S.ARR EXB28V471JX	T	48.5/41.1
R189	7030005090	S.RES ERJ2GGEJ 104 X (100K)	T	55.6/39.5
R190	7030008010	S.RES ERJ2GGEJ 123 X (12K)	T	43.1/55.9
R191	7030005010	S.RES ERJ2GGEJ 681 X (680)	B	44/109.1
R192	7030005720	S.RES ERJ2GGEJ 563 X (56K)	B	44.9/109.1
R194	7030009270	S.RES ERJ2GGEJ 821 X (820)	B	100.5/51.7
R195	7030005240	S.RES ERJ2GGEJ 473 X (47K)	B	100.5/53.4
R196	7030007260	S.RES ERJ2GGEJ 330 X (33)	B	48/120.7
R197	7030005050	S.RES ERJ2GGEJ 103 X (10K)	T	40.5/50.6
R198	7030007260	S.RES ERJ2GGEJ 330 X (33)	B	103.7/62
R199	7030005050	S.RES ERJ2GGEJ 103 X (10K)	T	67.6/57.5
R200	7030004980	S.RES ERJ2GGEJ 101 X (100)	B	43.1/122.6
R201	7030005070	S.RES ERJ2GGEJ 683 X (68K)	B	48/122.6
R202	7030005160	S.RES ERJ2GGEJ 105 X (1M)	T	41.4/48.6
R204	7030005050	S.RES ERJ2GGEJ 103 X (10K)	T	54.7/39.5
R205	7030008010	S.RES ERJ2GGEJ 123 X (12K)	T	34.5/57.9
R207	7030005070	S.RES ERJ2GGEJ 683 X (68K)	B	103.7/64
R208	7030010040	S.RES ERJ2GGEJ-JPW	B	46.2/120.7
R209	7030005000	S.RES ERJ2GGEJ 471 X (470)	T	67.6/56
R212	7410001140	S.ARR EXB28V104JX	T	52.3/41.1
R213	7030005530	S.RES ERJ2GGEJ 100 X (10)	T	41.4/47.7
R214	7030004980	S.RES ERJ2GGEJ 101 X (100)	B	98.9/64
R215	7030010040	S.RES ERJ2GGEJ-JPW	B	100.9/62
R216	7410001140	S.ARR EXB28V104JX	T	17.3/52.4
R217	7410001140	S.ARR EXB28V104JX	T	38.6/56
R218	7030005110	S.RES ERJ2GGEJ 224 X (220K)	B	65/137.9
R220	7410001140	S.ARR EXB28V104JX	T	15.2/50.7
R222	7410001140	S.ARR EXB28V104JX	T	36.1/56
R223	7030005050	S.RES ERJ2GGEJ 103 X (10K)	B	64/136.3
R224	7410001150	S.ARR EXB28V471JX	T	30.4/53.1
R225	7030005110	S.RES ERJ2GGEJ 224 X (220K)	B	64/137.9
R226	7030005110	S.RES ERJ2GGEJ 224 X (220K)	B	57.2/136.1
R227	7410001150	S.ARR EXB28V471JX	T	42.9/28.9
R230	7410001150	S.ARR EXB28V471JX	T	28.6/50.9
R231	7030005010	S.RES ERJ2GGEJ 681 X (680) [USA-01]	B	55/138
	7030005010	S.RES ERJ2GGEJ 681 X (680) [EXP-01]		
	7030005010	S.RES ERJ2GGEJ 681 X (680) [CHN-02]		
	7030005010	S.RES ERJ2GGEJ 681 X (680) [USA-02]		
	7030005010	S.RES ERJ2GGEJ 681 X (680) [EXP-02]		
	7030007280	S.RES ERJ2GGEJ 331 X (330) [EUR-01]		
R232	7410001150	S.ARR EXB28V471JX	T	25.9/49.4
R233	7030005530	S.RES ERJ2GGEJ 100 X (10)	B	54.1/136.1
R234	7410001150	S.ARR EXB28V471JX	T	42.5/25.7
R235	7410001150	S.ARR EXB28V471JX	T	24.2/47.6
R236	7030005090	S.RES ERJ2GGEJ 104 X (100K)	B	133.1/82.8
R237	7030004970	S.RES ERJ2GGEJ 470 X (47)	B	48.4/138.3
R238	7410001150	S.ARR EXB28V471JX	T	45.7/28.9
R239	7410001150	S.ARR EXB28V471JX	T	22.4/45.8
R240	7030004980	S.RES ERJ2GGEJ 101 X (100)	B	135.8/84.5
R241	7030005710	S.RES ERJ2GGEJ 121 X (120)	B	48.4/138.8
R242	7030009320	S.RES ERJ2GGEJ 4R7 X (4.7)	B	47.4/138.3
R243	7030005090	S.RES ERJ2GGEJ 104 X (100K)	B	46.4/138.3
R244	7410001150	S.ARR EXB28V471JX	T	39.7/25.8
R245	7410001150	S.ARR EXB28V471JX	T	20.2/42.4
R246	7030005240	S.RES ERJ2GGEJ 473 X (47K)	B	44.4/136.1
R247	7030008290	S.RES ERJ2GGEJ 183 X (18K)	B	47.4/140.4
R248	7030005600	S.RES ERJ2GGEJ 273 X (27K)	B	137.4/85.8
R253	7030004970	S.RES ERJ2GGEJ 470 X (47)	B	138.8/85.4
R255	7030008400	S.RES ERJ2GGEJ 182 X (18K)	B	51.4/140.4
R257	7410001140	S.ARR EXB28V104JX	T	14.5/45.7
R258	7030005110	S.RES ERJ2GGEJ 224 X (220K)	B	58.3/140.4
R259	7030005170	S.RES ERJ2GGEJ 474 X (470K)	B	56.1/140.4
R260	7030005050	S.RES ERJ2GGEJ 103 X (10K)	T	144.6/121.4
R261	7030005050	S.RES ERJ2GGEJ 103 X (10K)	T	52.5/25.2
R262	7030005090	S.RES ERJ2GGEJ 104 X (100K)	T	51.9/22.8
R263	7410001140	S.ARR EXB28V104JX	T	46.2/20

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R264	7410001140	S.ARR EXB28V104JX	T	50.2/24
R265	7030007280	S.RES ERJ2GGEJ 331 X (330)	T	143/121.4
R266	7030005090	S.RES ERJ2GGEJ 104 X (100K)	B	34.6/133.5
R267	7410001140	S.ARR EXB28V104JX	T	14.8/43.1
R268	7410001150	S.ARR EXB28V471JX	T	45.7/31.8
R269	7030007270	S.RES ERJ2GGEJ 151 X (150)	B	142.6/92.6
R270	7030005050	S.RES ERJ2GGEJ 103 X (10K)	B	30.6/134
R271	7030005090	S.RES ERJ2GGEJ 104 X (100K)	T	23.8/26.7
R272	7410001150	S.ARR EXB28V471JX	T	17.9/32.3
R273	7410001150	S.ARR EXB28V471JX	T	17.9/35.1
R274	7030005090	S.RES ERJ2GGEJ 104 X (100K)	B	31.5/134
R277	7030004980	S.RES ERJ2GGEJ 101 X (100)	T	143.2/126.6
R278	7030005090	S.RES ERJ2GGEJ 104 X (100K)	T	13.9/65.6
R279	7030007290	S.RES ERJ2GGEJ 222 X (2.2K)	T	103.6/88.4
R280	7030004990	S.RES ERJ2GGEJ 221 X (220)	T	138.4/128.2
R281	7410001150	S.ARR EXB28V471JX	T	21.3/37.8
R282	7030005090	S.RES ERJ2GGEJ 104 X (100K)	T	37.8/20.3
R283	7030005100	S.RES ERJ2GGEJ 154 X (150K)	T	141.5/126.6
R285	7030005050	S.RES ERJ2GGEJ 103 X (10K)	T	101.6/79.5
R287	7410001140	S.ARR EXB28V104JX	T	49.7/27.7
R288	7030005110	S.RES ERJ2GGEJ 224 X (220K)	T	136.8/124.7
R289	7030006070	S.RES ERJ2GJE 101 U (100)	B	86.9/117.5
R290	7030005110	S.RES ERJ2GGEJ 224 X (220K)	T	137.2/122.6
R291	7030005040	S.RES ERJ2GGEJ 472 X (4.7K)	T	139.2/121.2
R292	7030005050	S.RES ERJ2GGEJ 103 X (10K)	T	139.3/128.2
R295	7030006610	S.RES ERJ2GGEJ 394 X (390K)	T	136.3/122.6
R296	7030007300	S.RES ERJ2GGEJ 332 X (3.3K)	T	121.8/77.2
R297	7030007300	S.RES ERJ2GGEJ 332 X (3.3K)	T	122.8/77.2
R298	7030000440	S.RES MCR10EZHJ 3.3K (332)	T	120.4/77.3
R299	7030004980	S.RES ERJ2GGEJ 101 X (100)	B	29.1/19.4
R300	7030005530	S.RES ERJ2GGEJ 100 X (10)	T	47.6/73.1
R301	7030008300	S.RES ERJ2GGEJ 184 X (180K)	B	85.7/131
R303	7410001150	S.ARR EXB28V471JX	T	47.7/68.4
R304	7030005050	S.RES ERJ2GGEJ 103 X (10K)	B	95.4/135.9
R306	7520000260	S.POS PRF18BB471QB1RB	B	87.3/130.2
R308	7030008010	S.RES ERJ2GGEJ 123 X (12K) [USA-01]	T	140.7/128.3
	7030008010	S.RES ERJ2GGEJ 123 X (12K) [EXP-01]		
	7030008010	S.RES ERJ2GGEJ 123 X (12K) [CHN-02]		
	7030008010	S.RES ERJ2GGEJ 123 X (12K) [USA-02]		
	7030008010	S.RES ERJ2GGEJ 123 X (12K) [EXP-02]		
	7030007340	S.RES ERJ2GGEJ 153 X (15K) [EUR-01]		
R309	7030005040	S.RES ERJ2GGEJ 472 X (4.7K)	T	102.2/75.7
R313	7030005050	S.RES ERJ2GGEJ 103 X (10K)	T	103.5/77.8
R315	7030005700	S.RES ERJ2GGEJ 274 X (270K)	B	98.6/137.3
R316	7030005050	S.RES ERJ2GGEJ 103 X (10K)	T	11.2/128.2
R320	7030005090	S.RES ERJ2GGEJ 104 X (100K)	T	15/124.1
R321	7030003320	S.RES ERJ3GGEYJ 101 V (100)	B	119.5/142.1
R322	7030007350	S.RES ERJ2GGEJ 393 X (39K)	B	119.4/144.2
R324	7030005050	S.RES ERJ2GGEJ 103 X (10K)	B	31.3/12
R325	7030005120	S.RES ERJ2GGEJ 102 X (1K)	B	32.3/12
R326	7030005240	S.RES ERJ2GGEJ 473 X (47K)	T	13.2/125.7
R327	7030000220	S.RES MCR10EZHJ 47 (470)	B	119.7/132.8
R328	7030000260	S.RES MCR10EZHJ 100 (101)	B	139.3/144.3
R331	7030004980	S.RES ERJ2GGEJ 101 X (100)	T	12/120
R332	7030003320	S.RES ERJ3GGEYJ 101 V (100)	B	139.5/135
R333	7030007350	S.RES ERJ2GGEJ 393 X (39K)	B	139.3/131.4
R334	7030005651	S.RES ERA3YKD 304V (300K)	T	57.8/30.5
R335	7030005871	S.RES ERA3YKD 104V (100K)	T	55.9/29.7
R336	7030005110	S.RES ERJ2GGEJ 224 X (220K)	T	12/120.9
R337	7030005110	S.RES ERJ2GGEJ 224 X (220K)	T	13.2/120.6
R339	7030005090	S.RES ERJ2GGEJ 104 X (100K)	T	12/125.3
R341	7030005050	S.RES ERJ2GGEJ 103 X (10K)	B	33.3/12
R342	7030005090	S.RES ERJ2GGEJ 104 X (100K)	B	45.3/56.9
R346	7410001150	S.ARR EXB28V471JX	T	43.5/73.8
R347	7030005000	S.RES ERJ2GGEJ 471 X (470)	T	9.8/132.9
R348	7030000620	S.RES MCR10EZHJ 100 K (104)	B	147.2/150.9
R349	7030000260	S.RES MCR10EZHJ 100 K (104)	B	26/149.7
R350	7030003560	S.RES ERJ3GGEYJ 103 V (10K)	B	6.4/131
R352	7030005040	S.RES ERJ2GGEJ 472 X (4.7K)	T	10.2/125.3
R353	7030005240	S.RES ERJ2GGEJ 473 X (47K)	B	55.8/56.9
R354	7030005700	S.RES ERJ2GGEJ 274 X (270K)	T	125.2/103.6
R355	7030005090	S.RES ERJ2GGEJ 104 X (100K)	T	129.2/103.6
R356	7030005050	S.RES ERJ2GGEJ 103 X (10K)	T	9.8/134.5
R357	7030003560	S.RES ERJ3GGEYJ 103 V (10K)	B	10.1/150.2
R362	7540000290	S.ABS ERZV10D220	T	65.1/71.2
R364	7			

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R431	7410001150	S.ARR EXB28V471JX	T	17.9/40.3
R432	7410001140	S.ARR EXB28V104JX	T	15.2/48.2
R433	7410001150	S.ARR EXB28V471JX	T	39.6/23
R434	7410000750	S.ARR EXB-V4V 104JV (100K)	B	36.8/48.2
R435	7410001140	S.ARR EXB28V104JX	B	39.1/47.8
R436	7410001140	S.ARR EXB28V104JX	B	44.3/41.2
R438	7410001140	S.ARR EXB28V104JX	B	34.4/47.7
R443	7030005000	S.RES ERJ2GEJ 471 X (470)	T	60.4/59.2
R444	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	13.5/33.6
R445	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/36.1
R446	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/37.4
R447	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	50.2/19.2
R448	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	49.3/19.2
R449	7030005170	S.RES ERJ2GEJ 474 X (470K)	T	39.5/19.2
R450	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	50.2/16.5
R453	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	52/13.9
R454	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	94.9/2.7
R455	7030005010	S.RES ERJ2GEJ 681 X (680)	B	124.9/2.7
R456	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	109.9/2.7
R467	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	38/44.6
R468	7410001140	S.ARR EXB28V104JX	B	31.8/48.5
R469	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	32.6/44.6
R470	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	10.9/20.2
R471	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	47.7/44.2
R472	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	4.8/36.1
R473	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.2/44.6
R474	7030005530	S.RES ERJ2GEJ 100 X (10)	B	15.5/55.3
R475	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	9/56.2
R476	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	15/53.5
R477	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	15/52.6
R478	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	9.1/54.7
R479	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	64.2/69.6
R480	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	15.6/61.5
R481	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	16.5/59.9
R482	7410001150	S.ARR EXB28V471JX	T	19.6/45.1
R483	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	31.2/56.6
R484	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	28.8/50.9
R485	7410001150	S.ARR EXB28V471JX	T	67.3/96.9
R486	7410001150	S.ARR EXB28V471JX	T	64.8/105.4
R487	7410001150	S.ARR EXB28V471JX	T	72.8/105.4
R488	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	T	9.5/54.9
R489	7030004980	S.RES ERJ2GEJ 101 X (100)	B	24.1/58.7
R490	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	28.2/58.4
R491	7030004980	S.RES ERJ2GEJ 101 X (100)	B	26.1/51.2
R492	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	29.8/58.8
R493	7030010040	S.RES ERJ2GEJ-JPW	T	11.3/19
R494	7030005000	S.RES ERJ2GEJ 471 X (470)	T	73.2/98.2
R495	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	55.2/55.3
R496	7030005070	S.RES ERJ2GEJ 683 X (68K)	T	52.7/56.2
R497	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	52.7/55.3
R498	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	61.4/103.1
R499	7030004980	S.RES ERJ2GEJ 101 X (100)	T	24.4/57
R500	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	21.2/57.5
R501	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	22.8/53.8
R502	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	28/55
R503	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	55.5/58.4
R505	7030010040	S.RES ERJ2GEJ-JPW	T	113.4/18.3
R506	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	113.4/19.3
R507	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	115/19.3
R508	7030010040	S.RES ERJ2GEJ-JPW	T	144.6/119.6
R509	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	33.3/15.2
R510	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	29/14.1
R511	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	29.1/18.5
R512	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.8/18.5
R513	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.3/90.4
R530	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	62.5/66.3
R531	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	64.6/78.2
R532	7030005000	S.RES ERJ2GEJ 471 X (470)	B	45.1/37.1
R533	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	57.2/18.4
R534	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	45.3/58.6
R535	7030004980	S.RES ERJ2GEJ 101 X (100)	B	55.8/55.3
R536	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	55.8/58.6
R537	7030010040	S.RES ERJ2GEJ-JPW	B	41.6/41.2
R539	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	64.2/71.2
R540	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	90.6/17.9
R541	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	28.9/55
R542	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	39.9/72.7
R543	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	40.8/71.1
C1	4030017420	S.CER ECJ0EC1H470J	B	120.7/39
C2	4030017420	S.CER ECJ0EC1H470J	B	22.9/78.1
C3	4030016930	S.CER ECJ0EB1A104K	B	130.8/50.2
C4	4030017420	S.CER ECJ0EC1H470J	B	122.2/37.1
C5	4030017420	S.CER ECJ0EC1H470J	B	21.7/77.1
C6	4030016930	S.CER ECJ0EB1A104K	B	52.4/77.9
C7	4030017420	S.CER ECJ0EC1H470J	B	123.1/37.1
C8	4030017420	S.CER ECJ0EC1H470J	B	21.7/75.5
C9	4030017460	S.CER ECJ0EB1E102K	T	17.6/59
C10	4030016930	S.CER ECJ0EB1A104K	B	55.7/77.9
C11	4030016930	S.CER ECJ0EB1A104K	B	124/37.1
C12	4030016930	S.CER ECJ0EB1A104K	B	22.1/74.3
C13	4030016930	S.CER ECJ0EB1A104K	B	55.6/80.3
C14	4030017460	S.CER ECJ0EB1E102K	T	16.1/59.9
C15	4030016930	S.CER ECJ0EB1A104K	T	62.4/67.5
C16	4030017420	S.CER ECJ0EC1H470J	T	56.2/64.5
C17	4030016930	S.CER ECJ0EB1A104K	B	115.6/40.6
C18	4030017700	S.CER ECJ0EC1H151J	B	62.4/71.2
C19	4030016930	S.CER ECJ0EB1A104K	B	22.9/80.3
C20	4550006250	S.TAN TEESVA 1A 106M8R	B	115.4/37.5
C21	4550006250	S.TAN TEESVA 1A 106M8R	B	21.3/80.5
C22	4030016930	S.CER ECJ0EB1A104K	B	50/77.9
C23	4030016930	S.CER ECJ0EB1A104K	T	57.8/52.6
C24	4030016930	S.CER ECJ0EB1A104K	B	50.3/81.1
C25	4030016930	S.CER ECJ0EB1A104K	B	54.4/81.1

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C26	4030017460	S.CER ECJ0EB1E102K	B	117.8/39.2
C27	4030017460	S.CER ECJ0EB1E102K	B	23.8/80.3
C28	4030016930	S.CER ECJ0EB1A104K	B	53.3/77.9
C30	4030017460	S.CER ECJ0EB1E102K	T	59.8/67
C31	4030016930	S.CER ECJ0EB1A104K	T	60.5/53
C32	4030017590	S.CER ECJ0EC1H070C	B	38.4/79.1
C33	4030016930	S.CER ECJ0EB1A104K	T	58.9/67
C34	4030017570	S.CER ECJ0EC1H040B	B	37.2/78.7
C35	4030016930	S.CER ECJ0EB1A104K	B	38.3/76
C36	4030017500	S.CER ECJ0EC1H560J	B	37.2/79.6
C37	4030016930	S.CER ECJ0EB1A104K	B	48.4/79.8
C38	4030016930	S.CER ECJ0EB1A104K	B	69.8/78.2
C39	4030017360	S.CER ECJ0EC1H030B	B	71.4/77.3
C40	4030017760	S.CER ECJ0EB1H222K	B	68.2/77.3
C41	4030018860	S.CER ECJ0EB0J105K	B	31/58.2
C42	4030017760	S.CER ECJ0EB1H222K	B	68.2/76.4
C43	4030016930	S.CER ECJ0EB1A104K	B	55.6/49
C44	4030018860	S.CER ECJ0EB0J105K	B	35.7/56.4
C45	4030016950	S.CER ECJ0EB1A473K	B	34.5/55.2
C47	4030017460	S.CER ECJ0EB1E102K	B	64.6/77.3
C48	4030016930	S.CER ECJ0EB1A104K	T	52.7/54.4
C49	4030018860	S.CER ECJ0EB0J105K	B	15.6/58.3
C50	4030016930	S.CER ECJ0EB1A104K	B	130.8/48.4
C51	4030017620	S.CER ECJ0EC1H100C	B	125.1/45.3
C52	4030017420	S.CER ECJ0EC1H470J	B	120.6/48.8
C53	4030017420	S.CER ECJ0EC1H470J	B	32.7/78.4
C54	4030017660	S.CER ECJ0EC1H330J	B	32.7/77.3
C56	4030016950	S.CER ECJ0EB1A473K	B	31.9/59.1
C59	4030017430	S.CER ECJ0EC1H101J	B	32.7/76.4
C60	4030017620	S.CER ECJ0EC1H100C	B	32.3/72.9
C61	4030018900	S.CER ECJ0EB0J474K	B	18/63.8
C62	4030016930	S.CER ECJ0EB1A104K	B	33.6/55.2
C63	4030016930	S.CER ECJ0EB1A104K	T	55.5/61.6
C66	4030017430	S.CER ECJ0EC1H101J	B	123.5/48.4
C67	4030017460	S.CER ECJ0EB1E102K	B	67.5/87.7
C69	4030016930	S.CER ECJ0EB1A104K	B	29.8/63
C70	4030017460	S.CER ECJ0EB1E102K	B	64.3/79.4
C71	4030016930	S.CER ECJ0EB1A104K	B	57.6/43.3
C72	4030018910	S.CER C1608 JB 0J 475K-T	B	29.3/61.9
C73	4030017460	S.CER ECJ0EB1E102K	B	96.3/45.4
C75	4030017460	S.CER ECJ0EB1E102K	B	36/105.6
C77	4030016930	S.CER ECJ0EB1A104K	T	53.9/57.7
C78	4030017460	S.CER ECJ0EB1E102K	B	119.7/50.4
C79	4030017460	S.CER ECJ0EB1E102K	B	34.3/79.5
C80	4030017350	S.CER ECJ0EC1H020B [USA-01] S.CER ECJ0EC1H020B [EXP-01] S.CER ECJ0EC1H020B [CHN-02] S.CER ECJ0EC1H1R5B [USA-02] S.CER ECJ0EC1H1R5B [EXP-02] S.CER ECJ0EC1H020B [EUR-01]	B	102.4/45.6
C81	4030017350	S.CER ECJ0EC1H020B [USA-01] S.CER ECJ0EC1H020B [EXP-01] S.CER ECJ0EC1H020B [CHN-02] S.CER ECJ0EC1H1R5B [USA-02] S.CER ECJ0EC1H1R5B [EXP-02] S.CER ECJ0EC1H020B [EUR-01]	B	42.2/99.6
C82	4550006250	S.TAN TEESVA 1A 106M8R	B	61.1/79.2
C83	4030017460	S.CER ECJ0EB1E102K	B	71.7/86.7
C84	4030017420	S.CER ECJ0EC1H470J	B	74.7/81.1
C85	4030017590	S.CER ECJ0EC1H070C	B	56/43.3
C86	4030016930	S.CER ECJ0EB1A104K	B	51.7/47.1
C87	4030018910	S.CER C1608 JB 0J 475K-T	B	54.3/48.4
C88	4030017770	S.CER ECJ0EB1E332K	B	86.7/40.6
C89	4030017770	S.CER ECJ0EB1E332K	B	28/99.3
C90	4030017680	S.CER ECJ0EC1H820J	B	69.1/86.7
C91	4030016930	S.CER ECJ0EB1A104K	T	60.7/66.3
C92	4030016790	S.CER ECJ0EB1C103K	B	72.7/88
C93	4030017460	S.CER ECJ0EB1E102K	B	70/87.9
C96	4030018910	S.CER C1608 JB 0J 475K-T	B	49.2/48.9
C97	4030016930	S.CER ECJ0EB1A104K	B	57.4/50.6
C98	4030017460	S.CER ECJ0EB1E102K	B	35.1/107.3
C99	4030017460	S.CER ECJ0EB1E102K	B	40.8/72.7
C101	4030017620	S.CER ECJ0EC1H100C	B	37.7/62.3
C102	4550000560	S.TAN TEESVA 1E 474M8R	B	84.7/42.7
C103	4550003260	S.TAN TEESVA 1V 684M8R	B	26.2/100.4
C104	4030016930	S.CER ECJ0EB1A104K	B	39.9/74.5
C105	4030017520	S.CER ECJ0EC1H030B	B	103.2/47.8
C106	4030017340	S.CER ECJ0EC1H010B	B	47/100.1
C107	4030017590	S.CER ECJ0EC1H070C	B	72.3/89.5
C108	4030017460	S.CER ECJ0EB1E102K	B	94.5/47.1
C109	4030017530	S.CER ECJ0EC1HOR5B	B	101.9/48.3
C110	4030017530	S.CER ECJ0EC1HOR5B	B	46.5/101.4
C111	4030016790	S.CER ECJ0EB1C103K	B	70.7/92.3
C112	4550000270	S.TAN TEESVA 1E 474M8R	B	84.7/42.7
C113	4550000270	S.TAN TEESVA 1E 474M8R	B	26.2/105.6
C114	4030017520	S.CER ECJ0EC1HOR3B	B	103.2/49.6
C115	4030017550	S.CER ECJ0EC1H1R5B [USA-01] S.CER ECJ0EC1H1R5B [EXP-01] S.CER ECJ0EC1H1R5B [CHN-02] S.CER ECJ0EC1H010B [USA-02] S.CER ECJ0EC1H010B [EXP-02] S.CER ECJ0EC1H1R5B [EUR-01]	B	47/102.8
C116	4030017460	S.CER ECJ0EB1E102K	B	70.7/89.5
C117	4030016790	S.CER ECJ0EB1C103K	B	69.1/90.4
C118	4030016			

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C136	4030016930	S.CER ECJ0EB1A104K	B	50.4/36.8
C137	4030017620	S.CER ECJ0EC1H100C	B	56.2/38.3
C138	4030017640	S.CER ECJ0EC1H150J	B	75.8/101.1
C139	4030017650	S.CER ECJ0EC1H270J	B	59.4/91.9
C140	4030016930	S.CER ECJ0EB1A104K	B	55.3/36.7
C141	4550000270	S.TAN TEESVA 1E 474M8R	B	82.6/47.9
C144	4550006250	S.TAN TEESVA 1A 106M8R	B	94.7/41.5
C145	4030017420	S.CER ECJ0EC1H470J	B	50.4/38.5
C146	4030017460	S.CER ECJ0EB1E102K	B	56.2/35.1
C147	4550006250	S.TAN TEESVA 1A 106M8R	B	33.3/100.4
C149	4030016790	S.CER ECJ0EB1C103K	B	69.4/95.7
C150	4030016790	S.CER ECJ0EB1C103K	B	65.7/97.3
C151	4030017610	S.CER ECJ0EC1H090C	B	61.7/97.1
C152	4030016930	S.CER ECJ0EB1A104K	B	55.3/32.4
C153	4030017380	S.CER ECJ0EC1H050B	B	49.8/34.9
C154	4030017420	S.CER ECJ0EC1H470J	B	26.5/120.6
C155	4030017460	S.CER ECJ0EB1E102K	B	26.5/123.2
C156	4030017420	S.CER ECJ0EC1H470J	B	28.5/111.5
C157	4030017460	S.CER ECJ0EB1E102K	B	28/117.2
C158	4030017420	S.CER ECJ0EC1H470J	B	81.7/62.1
C159	4030017420	S.CER ECJ0EC1H470J	B	81.7/53.6
C160	4030016790	S.CER ECJ0EB1C103K	B	65.7/104.4
C161	4030016790	S.CER ECJ0EB1C103K	B	62.7/98.9
C162	4030016930	S.CER ECJ0EB1A104K	B	81.7/67.1
C163	4030016930	S.CER ECJ0EB1A104K	B	81.7/58.6
C164	4030016930	S.CER ECJ0EB1A104K	B	49.5/36.8
C165	4030017460	S.CER ECJ0EB1E102K	B	81.7/66.2
C166	4030017460	S.CER ECJ0EB1E102K	B	81.7/57.7
C167	4030017460	S.CER ECJ0EB1E102K	B	97.3/45.4
C168	4030017380	S.CER ECJ0EC1H050B	B	32.6/124.3
C169	4030017620	S.CER ECJ0EC1H100C	[USA-01] B	30.8/124.4
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C170	4030017580	S.CER ECJ0EC1H060C	B	30.6/114.4
C171	4030017630	S.CER ECJ0EC1H120J	B	30.6/115.3
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C172	4030017580	S.CER ECJ0EC1H060C	B	87.8/65.7
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C173	4030017630	S.CER ECJ0EC1H120J	B	86.5/65.3
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C174	4030017590	S.CER ECJ0EC1H070C	B	85.7/55
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C175	4030017390	S.CER ECJ0EC1H180J	B	85.7/55.9
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C176	4030018860	S.CER ECJ0EB0J105K	T	62.9/51
C177	4030017380	S.CER ECJ0EC1H050B	B	35.6/120.7
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C178	4030017380	S.CER ECJ0EC1H050B	B	32/112.2
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C179	4030017420	S.CER ECJ0EC1H470J	T	14.9/129.1
C180	4030017600	S.CER ECJ0EC1H080C	B	91.5/62
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C181	4030017590	S.CER ECJ0EC1H070C	B	87.1/52.9
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C182	4030016790	S.CER ECJ0EB1C103K	B	63.1/104.4
C183	4030017420	S.CER ECJ0EC1H470J	T	14.9/131.3
C184	4030017620	S.CER ECJ0EC1H100C	B	34.9/124.3
C185	4030017630	S.CER ECJ0EC1H120J	B	35.4/115.3
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C186	4030017610	S.CER ECJ0EC1H090C	B	63.1/104.4
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C186	4030017630	S.CER ECJ0EC1H120J	B	98.2/48.8
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C187	4030017540	S.CER ECJ0EC1HR75B	B	89.4/66.8
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C188	4030017360	S.CER ECJ0EC1H030B	B	90.6/66.6
C189	4030017340	S.CER ECJ0EC1H010B	B	87/57.2
C190	4030017350	S.CER ECJ0EC1H020B	B	87/58.2
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C191	4030017380	S.CER ECJ0EC1H050B	B	89.4/65.7
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C192	4030017640	S.CER ECJ0EC1H150J	B	90.5/56.3
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C193	4030017460	S.CER ECJ0EB1E102K	B	61.4/107.1
C194	4030017580	S.CER ECJ0EC1H060C	B	36.8/122.8
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C195	4030017630	S.CER ECJ0EC1H120J	B	40.1/120.7
C196	4030017620	S.CER ECJ0EC1H100C	B	37.6/114.4
C197	4030017640	S.CER ECJ0EC1H150J	B	41/112.2
C198	4030016790	S.CER ECJ0EB1C103K	B	60.5/107.1
C200	4030017570	S.CER ECJ0EC1H040B	B	92.4/64.3
C201	4030017620	S.CER ECJ0EC1H100C	B	96/62
C202	4030017610	S.CER ECJ0EC1H090C	B	93.1/55.4
C203	4030017390	S.CER ECJ0EC1H180J	B	96.3/52.9
C204	4550006250	S.TAN TEESVA 1A 106M8R	T	81.7/17
C205	4550006250	S.TAN TEESVA 1A 106M8R	T	85.1/17
C206	4550006250	S.TAN TEESVA 1A 106M8R	T	88.8/16.7
C208	4030017490	S.CER C1608 JB 1A 105K-T	T	80/16.6
C209	4030017490	S.CER C1608 JB 1A 105K-T	T	83.4/16.6
C210	4030017490	S.CER C1608 JB 1A 105K-T	T	86.9/16.3
C211	4030016930	S.CER ECJ0EB1A104K	B	38.3/120.7
C212	4030016790	S.CER ECJ0EB1C103K	B	39.2/112.2
C213	4030017660	S.CER ECJ0EC1H330J	B	68.5/106.1
C214	4030017460	S.CER ECJ0EB1E102K	B	66.8/107
C215	4030017530	S.CER ECJ0EC1H0R5B	B	41.9/120.7
C216	4030017520	S.CER ECJ0EC1H0R3B	B	42.6/115.7
C217	4030017460	S.CER ECJ0EB1E102K	B	39.2/120.7
C218	4030017460	S.CER ECJ0EB1E102K	B	40.1/112.2
C219	4030016790	S.CER ECJ0EB1C103K	B	94.2/62
C220	4030017530	S.CER ECJ0EC1H0R5B	B	98.2/61.3
C221	4030016790	S.CER ECJ0EB1C103K	B	94.5/52.9
C222	4030017530	S.CER ECJ0EC1H0R5B	B	98.2/57.1
C224	4030017460	S.CER ECJ0EB1E102K	B	95.1/62
C225	4030017460	S.CER ECJ0EB1E102K	B	95.4/52.9
C228	4030017490	S.CER C1608 JB 1A 105K-T	T	79.8/24.4
C229	4030017490	S.CER C1608 JB 1A 105K-T	T	83.3/24.4
C230	4030017490	S.CER C1608 JB 1A 105K-T	T	86.8/24.4
C231	4550005980	S.TAN TEESVA 1A 475M8R	T	81.6/25.6
C232	4550005980	S.TAN TEESVA 1A 475M8R	T	85.1/25.6
C233	4550005980	S.TAN TEESVA 1A 475M8R	T	88.5/25.6
C235	4030017030	S.CER ECJ0EB1A273K	T	41/55
C236	4030017730	S.CER ECJ0EB1E471K	B	100.5/55
C237	4030017460	S.CER ECJ0EB1E102K	B	100.5/60.4
C238	4030017730	S.CER ECJ0EB1E471K	B	44.9/112.6
C239	4030017460	S.CER ECJ0EB1E102K	B	44.9/118
C240	4510008540	S.ELE EEE1CA100SR	T	95.1/22.3
C241	4030017350	S.CER ECJ0EC1H020B	B	68.3/120.9
C242	4030016790	S.CER ECJ0EB1C103K	B	68.7/111.2
C243	4030017460	S.CER ECJ0EB1E102K	B	70.3/106.1
C244	4030016790	S.CER ECJ0EB1C103K	B	70.3/107
C245	4030017460	S.CER ECJ0EB1E102K	B	91.5/59.6
C246	4030017580	S.CER ECJ0EC1H060C	B	46.9/113.5
C247	4030017460	S.CER ECJ0EB1E102K	B	43.1/109.1
C248	4030017460	S.CER ECJ0EB1E102K	B	36/117.8
C249	4030017420	S.CER ECJ0EC1H470J	B	48.1/109.1
C250	4030017380	S.CER ECJ0EC1H050B	B	103.7/58.7
C251	4030017580	S.CER ECJ0EC1H060C	B	102.6/55.9
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C252	4030017460	S.CER ECJ0EB1E102K	B	100.5/50
C253	4030017380	S.CER ECJ0EC1H050B	B	48/116.2
C254	4030017460	S.CER ECJ0EB1E102K	B	103.7/53.4
C255	4030016930	S.CER ECJ0EB1A104K	T	42.1/50.6
C256	4030017640	S.CER ECJ0EC1H150J	T	43.1/55
C257	4030016790	S.CER ECJ0EB1C103K	T	34.5/58.8
C258	4030017580	S.CER ECJ0EC1H060C	B	59.6/117.8
			[USA-01]	
			[EXP-01]	
			[CHN-02]	
			[USA-02]	
			[EXP-02]	
			[EUR-01]	
C259	4030017580	S.CER ECJ0EC1H060C	T	48.5/46.4
C260	4030017460	S.CER ECJ0EB1E102K	B	46.5/105.4
C262	4030016930	S.CER ECJ0EB1A104K	T	69.2/57.5
C263	4030017420	S.CER ECJ0EC1H470J	B	60.5/126.1

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C264	4030017460	S.CER ECJ0EB1E102K	B	101.9/50
C265	4030017460	S.CER ECJ0EB1E102K	B	43.5/120.7
C266	4030018900	S.CER ECJ0EB0J474K	T	43.9/45.6
C267	4030017630	S.CER ECJ0EC1H120J	B	59.6/119.3
	4030017630	S.CER ECJ0EC1H120J	[USA-01]	
	4030017630	S.CER ECJ0EC1H120J	[EXP-01]	
	4030017630	S.CER ECJ0EC1H120J	[CHN-02]	
	4030017390	S.CER ECJ0EC1H180J	[USA-02]	
	4030017390	S.CER ECJ0EC1H180J	[EXP-02]	
	4030017630	S.CER ECJ0EC1H120J	[EUR-01]	
C268	4030017420	S.CER ECJ0EC1H470J	B	62.3/126.1
C269	4550006780	S.TAN TEESVB2 0J 476M8R	T	71.8/60.8
C270	4030016930	S.CER ECJ0EB1A104K	T	40.5/49.7
C271	4030017350	S.CER ECJ0EC1H020B	B	68.1/137.9
C272	4030017630	S.CER ECJ0EC1H120J	T	47.3/60.1
C274	4030017460	S.CER ECJ0EB1E102K	B	44.4/120.7
C275	4030017620	S.CER ECJ0EC1H100C	B	48/124.4
	4030017620	S.CER ECJ0EC1H100C	[USA-01]	
	4030017620	S.CER ECJ0EC1H100C	[EXP-01]	
	4030017620	S.CER ECJ0EC1H100C	[CHN-02]	
	4030017580	S.CER ECJ0EC1H060C	[USA-02]	
	4030017580	S.CER ECJ0EC1H060C	[EXP-02]	
	4030017620	S.CER ECJ0EC1H100C	[EUR-01]	
C276	4030017530	S.CER ECJ0EC1H0R5B	B	67.2/137.9
	4030017530	S.CER ECJ0EC1H0R5B	[EXP-01]	
	4030017530	S.CER ECJ0EC1H1R5B	[CHN-02]	
	4030017530	S.CER ECJ0EC1H0R5B	[EUR-01]	
C277	4030016790	S.CER ECJ0EB1C103K	T	48.6/36.7
C279	4030017580	S.CER ECJ0EC1H060C	B	59.6/120.9
	4030017580	S.CER ECJ0EC1H060C	[USA-01]	
	4030017580	S.CER ECJ0EC1H060C	[EXP-01]	
	4030017580	S.CER ECJ0EC1H060C	[CHN-02]	
	4030017620	S.CER ECJ0EC1H100C	[USA-02]	
	4030017620	S.CER ECJ0EC1H100C	[EXP-02]	
	4030017580	S.CER ECJ0EC1H060C	[EUR-01]	
C280	4030017460	S.CER ECJ0EB1E102K	B	98.9/66.3
C281	4030017460	S.CER ECJ0EB1E102K	B	100/62
C282	4030017620	S.CER ECJ0EC1H100C	B	61.4/122.2
	4030017620	S.CER ECJ0EC1H100C	[USA-01]	
	4030017620	S.CER ECJ0EC1H100C	[EXP-01]	
	4030017620	S.CER ECJ0EC1H100C	[CHN-02]	
	4030017580	S.CER ECJ0EC1H060C	[USA-02]	
	4030017580	S.CER ECJ0EC1H060C	[EXP-02]	
	4030017620	S.CER ECJ0EC1H100C	[EUR-01]	
C283	4030017620	S.CER ECJ0EC1H100C	B	103.7/65.9
C285	4030017620	S.CER ECJ0EC1H100C	B	66.1/137.9
	4030017620	S.CER ECJ0EC1H100C	[USA-01]	
	4030017620	S.CER ECJ0EC1H100C	[EXP-01]	
	4030017620	S.CER ECJ0EC1H100C	[CHN-02]	
	4030017580	S.CER ECJ0EC1H060C	[USA-02]	
	4030017580	S.CER ECJ0EC1H060C	[EXP-02]	
	4030017620	S.CER ECJ0EC1H100C	[EUR-01]	
C286	4030017530	S.CER ECJ0EC1H0R5B	B	64.5/139.2
C287	4030017350	S.CER ECJ0EC1H020B	B	61.8/134.7
	4030017350	S.CER ECJ0EC1H020B	[USA-01]	
	4030017350	S.CER ECJ0EC1H020B	[EXP-01]	
	4030017350	S.CER ECJ0EC1H020B	[CHN-02]	
	4030017550	S.CER ECJ0EC1H1R5B	[USA-02]	
	4030017550	S.CER ECJ0EC1H1R5B	[EXP-02]	
	4030017350	S.CER ECJ0EC1H020B	[EUR-01]	
C291	4030017340	S.CER ECJ0EC1H010B	B	102.4/66.6
	4030017340	S.CER ECJ0EC1H010B	[USA-01]	
	4030017340	S.CER ECJ0EC1H010B	[EXP-01]	
	4030017340	S.CER ECJ0EC1H010B	[CHN-02]	
	4030017340	S.CER ECJ0EC1H010B	[EUR-01]	
C292	4030017460	S.CER ECJ0EB1E102K	B	65/136.3
C293	4030017620	S.CER ECJ0EC1H100C	B	62.9/137.9
	4030017620	S.CER ECJ0EC1H100C	[USA-01]	
	4030017620	S.CER ECJ0EC1H100C	[EXP-01]	
	4030017620	S.CER ECJ0EC1H100C	[CHN-02]	
	4030017580	S.CER ECJ0EC1H060C	[USA-02]	
	4030017580	S.CER ECJ0EC1H060C	[EXP-02]	
	4030017620	S.CER ECJ0EC1H100C	[EUR-01]	
C294	4030017530	S.CER ECJ0EC1H0R5B	B	58.3/138.5
C295	4030017460	S.CER ECJ0EB1E102K	B	65/134.7
C296	4030017620	S.CER ECJ0EC1H100C	B	56.1/138
	4030017620	S.CER ECJ0EC1H100C	[USA-01]	
	4030017620	S.CER ECJ0EC1H100C	[EXP-01]	
	4030017620	S.CER ECJ0EC1H100C	[CHN-02]	
	4030017580	S.CER ECJ0EC1H060C	[USA-02]	
	4030017580	S.CER ECJ0EC1H060C	[EXP-02]	
	4030017620	S.CER ECJ0EC1H100C	[EUR-01]	
C298	4030017460	S.CER ECJ0EB1E102K	B	136.2/82.9
C299	4030017460	S.CER ECJ0EB1E102K	B	50.4/133.8
C300	4030017460	S.CER ECJ0EB1E102K	B	54.1/133.9
C301	4030016790	S.CER ECJ0EB1C103K	B	51.4/133.8
C302	4030017460	S.CER ECJ0EB1E102K	B	52/138.5
C303	4030017370	S.CER ECJ0EC1H3R5B	B	131.4/82.3
C304	4030017420	S.CER ECJ0EC1H470J	B	136.2/81.9
C305	4030017420	S.CER ECJ0EC1H470J	B	46.4/133.8
C306	4030017460	S.CER ECJ0EB1E102K	B	47.4/133.8
C307	4030017460	S.CER ECJ0EB1E102K	B	45.4/138.3
C309	4030017420	S.CER ECJ0EC1H470J	B	136.8/84.5
C310	4030017380	S.CER ECJ0EC1H050B	B	134.9/85.9
	4030017380	S.CER ECJ0EC1H050B	[USA-01]	
	4030017380	S.CER ECJ0EC1H050B	[EXP-01]	
	4030017380	S.CER ECJ0EC1H050B	[CHN-02]	
	4030017370	S.CER ECJ0EC1H3R5B	[USA-02]	
	4030017370	S.CER ECJ0EC1H3R5B	[EXP-02]	
	4030017380	S.CER ECJ0EC1H050B	[EUR-01]	
C311	4030016930	S.CER ECJ0EB1A104K	B	45.4/140.4
C312	4030017420	S.CER ECJ0EC1H470J	B	50.4/140.4
C313	4030016930	S.CER ECJ0EB1A104K	B	46.4/140.4
C314	4030017460	S.CER ECJ0EB1E102K	B	49.4/140.4
C315	4030017730	S.CER ECJ0EB1E471K	B	137.8/84.5
C316	4030017570	S.CER ECJ0EC1H040B	B	130.4/80.9
C321	4030017420	S.CER ECJ0EC1H470J	T	66/57.5
C322	4030017420	S.CER ECJ0EC1H470J	T	67.6/54.3
C323	4030017620	S.CER ECJ0EC1H100C	B	44.4/137.7
C324	4030017530	S.CER ECJ0EC1H0R5B	B	134.9/88.3
	4030017530	S.CER ECJ0EC1H0R5B	[USA-01]	
	4030017530	S.CER ECJ0EC1H0R5B	[EXP-01]	
	4030017530	S.CER ECJ0EC1H0R5B	[CHN-02]	
	4030017520	S.CER ECJ0EC1H0R3B	[USA-02]	
	4030017520	S.CER ECJ0EC1H0R3B	[EXP-02]	
	4030017530	S.CER ECJ0EC1H0R5B	[EUR-01]	

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C326	4030017580	S.CER ECJ0EC1H060C	B	39.3/138.2
	4030017580	S.CER ECJ0EC1H060C	[USA-01]	
	4030017580	S.CER ECJ0EC1H060C	[CHN-02]	
	4030017590	S.CER ECJ0EC1H070C	[USA-02]	
	4030017590	S.CER ECJ0EC1H070C	[EXP-02]	
	4030017580	S.CER ECJ0EC1H060C	[EUR-01]	
C327	4030017360	S.CER ECJ0EC1H030B	B	141.8/89.2
	4030017360	S.CER ECJ0EC1H030B	[EXP-01]	
	4030017360	S.CER ECJ0EC1H030B	[CHN-02]	
	4030017360	S.CER ECJ0EC1H030B	[USA-02]	
	4030017360	S.CER ECJ0EC1H030B	[EXP-02]	
C328	4030017420	S.CER ECJ0EC1H470J	B	140.9/85.4
C329	4030017410	S.CER ECJ0EC1H240J	B	38.4/133.5
	4030017410	S.CER ECJ0EC1H240J	[USA-01]	
	4030017410	S.CER ECJ0EC1H240J	[EXP-01]	
	4030017390	S.CER ECJ0EC1H180J	[CHN-02]	
	4030017390	S.CER ECJ0EC1H180J	[USA-02]	
	4030017410	S.CER ECJ0EC1H240J	[EXP-02]	
	4030017410	S.CER ECJ0EC1H240J	[EUR-01]	
C330	4030017460	S.CER ECJ0EB1E102K	B	139.9/85.4
C331	4030017460	S.CER ECJ0EB1E102K	B	59.2/140.4
C332	4030018860	S.CER ECJ0EB0J105K	B	55/140.4
C333	4030016930	S.CER ECJ0EB1A104K	T	23.1/29.4
C335	4030017550	S.CER ECJ0EC1H1R5B	B	144/89.5
C336	4030018860	S.CER ECJ0EB0J105K	B	60.1/140.4
C337	4030017580	S.CER ECJ0EC1H060C	B	142.6/91.7
C338	4030017550	S.CER ECJ0EC1H1R5B	B	39.3/139.1
C339	4030017460	S.CER ECJ0EB1E102K	B	32.5/134
C340	4030016930	S.CER ECJ0EB1A104K	T	54/20.3
C341	4030017420	S.CER ECJ0EC1H470J	T	143.1/123.3
C342	4030017730	S.CER ECJ0EB1E471K	T	138.8/108
C345	4030017460	S.CER ECJ0EB1E102K	B	30.6/135.9
C346	4030017420	S.CER ECJ0EC1H470J	T	63.1/57.2
C347	4030017460	S.CER ECJ0EB1E102K	T	143.1/124.2
C348	4030017420	S.CER ECJ0EC1H470J	T	63.8/55.2
C349	4030017580	S.CER ECJ0EC1H060C	B	143.5/95.2
C350	4030017420	S.CER ECJ0EC1H470J	T	138.7/112.3
C351	4030017460	S.CER ECJ0EB1E102K	T	138.7/113.2
C352	4030017410	S.CER ECJ0EC1H240J	B	31.6/137.9
	4030017410	S.CER ECJ0EC1H240J	[USA-01]	
	4030017410	S.CER ECJ0EC1H240J	[EXP-01]	
	4030017410	S.CER ECJ0EC1H240J	[CHN-02]	
	4030017390	S.CER ECJ0EC1H180J	[USA-02]	
	4030017390	S.CER ECJ0EC1H180J	[EXP-02]	
	4030017410	S.CER ECJ0EC1H240J	[EUR-01]	
C353	4030017460	S.CER ECJ0EB1E102K	T	140.4/118.8
C354	4030017420	S.CER ECJ0EC1H470J	T	106.6/115.9
C355	4030017580	S.CER ECJ0EC1H060C	B	37.5/136.8
	4030017580	S.CER ECJ0EC1H060C	[USA-01]	
	4030017580	S.CER ECJ0EC1H060C	[EXP-01]	
	4030017580	S.CER ECJ0EC1H060C	[CHN-02]	
	4030017590	S.CER ECJ0EC1H070C	[USA-02]	
	4030017590	S.CER ECJ0EC1H070C	[EXP-02]	
	4030017580	S.CER ECJ0EC1H060C	[EUR-01]	
C357	4030017630	S.CER ECJ0EC1H120J	B	39.3/140
C358	4030016790	S.CER ECJ0EB1C103K	T	137.5/128.2
C359	4510009550	S.ELE EEEFK1C100R	T	107.2/86.5
C360	4030017460	S.CER ECJ0EB1E102K	T	106.6/116.8
C361	4030011030	S.CER GRM31M4C2H1R5CY21L (GRM42-6 CK) [EUR-01] only	B	100.2/115.8
C362	4030017510	S.CER ECJ0EC1H680J	B	39.7/144.6
C364	4030011020	S.CER GRM31M4C2H1R0CY21L (GRM42-6 CK)	B	89.8/119.8
C365	4030017730	S.CER ECJ0EB1E471K	T	106.6/117.7
C366	4030016970	S.CER ECJ0EB1C223K	T	142.4/126.6
C367	4510009810	S.ELE EEEFK1E220R	T	107.3/95.1
C368	4030006860	S.CER C1608 JB 1H 102K-T	T	89.1/142
C369	4030017460	S.CER ECJ0EB1E102K	B	33.4/134
C370	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-01]	B	100.2/123.1
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-01]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [CHN-02]		
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [EUR-01]		
C371	4030006980	S.CER C1608 CH 1H 070D-T	T	35.5/142.5
C372	4030011100	S.CER GRM31M2C2H8R0DV01L (GRM42-6 CH)	B	100.2/121
C373	4030017780	S.CER ECJ0EB1E472K	T	136.7/123.8
C374	4030017420	S.CER ECJ0EC1H470J	B	85.2/129.8
C375	4030017460	S.CER ECJ0EB1E102K	T	113.1/95.2
C376	4030017350	S.CER ECJ0EC1H020B	B	86/138.8
C377	4030017420	S.CER ECJ0EC1H470J	B	84.2/119.4
C378	4030017420	S.CER ECJ0EC1H470J	T	112.2/95.2
C381	4030017400	S.CER ECJ0EC1H200J	T	111.3/95.2
C383	4030017460	S.CER ECJ0EB1E102K	T	114/78.2
C385	4030017460	S.CER ECJ0EB1E102K	B	22.8/142.4
C386	4030017460	S.CER ECJ0EB1E102K	T	139.2/119.6
C387	4030017600	S.CER ECJ0EC1H080C	B	89.7/137.9
C388	4510009550	S.ELE EEEFK1C100R	T	126.4/77.2
C389	4030017200	S.CER GRM31BR32J102		

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C401	4030011080	S.CER GRM31M2C2H6R0DV01L (GRM42-6 CH)	B	103.2/130.9
C402	4030016930	S.CER ECJ0EB1A104K	T	47.2/71.6
C403	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	106.2/130.9
C404	4030017460	S.CER ECJ0EB1E102K	T	140.7/129.2
C405	4030017420	S.CER ECJ0EC1H470J	B	56.7/55.3
C406	4030016790	S.CER ECJ0EB1C103K	T	103.5/76.2
C407	4030011030	S.CER GRM31M4C2H1R5CY21L (GRM42-6 CK)	B	102.6/137.2
C408	4030017460	S.CER ECJ0EB1E102K	B	98.1/138.5
C409	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	110.9/136
C410	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [USA-01]	B	113/134
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EXP-01]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [CHN-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EUR-01]		
C411	4550007650	S.TAN F931V105MAABMA	T	37.5/68.6
C412	4030017460	S.CER ECJ0EB1E102K	T	112.6/78.5
C413	4030016930	S.CER ECJ0EB1A104K	T	38.5/71.9
C414	4030017420	S.CER ECJ0EC1H470J	B	29.7/135.9
C415	4550007650	S.TAN F931V105MAABMA	T	37.5/63.4
C416	4550006250	S.TAN TEESVA 1A 106M8R	T	107.8/81.5
C417	4030016930	S.CER ECJ0EB1A104K	T	15/125.7
C418	4550007650	S.TAN F931V105MAABMA	T	39.4/73.9
C419	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [USA-01]	B	115.7/134
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EXP-01]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [CHN-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [USA-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EXP-02]		
	4030011080	S.CER GRM31M2C2H6R0DV01L (GRM42-6 CH) [EUR-01]		
C420	4030016930	S.CER ECJ0EB1A104K	B	27.4/18.5
C422	4030006860	S.CER C1608 JB 1H 102K-T	B	119.5/139.5
C423	4030017460	S.CER ECJ0EB1E102K	B	119.4/145.9
C424	4030016930	S.CER ECJ0EB1A104K	T	14.1/125.7
C426	4030009530	S.CER C1608 CH 1H 030B-T [USA-01]	B	120.8/139.5
	4030009530	S.CER C1608 CH 1H 030B-T [EXP-01]		
	4030009530	S.CER C1608 CH 1H 030B-T [CHN-02]		
	4030009530	S.CER C1608 CH 1H 030B-T [USA-02]		
	4030009530	S.CER C1608 CH 1H 030B-T [EXP-02]		
	4030009540	S.CER C1608 CH 1H 1R5B-T [EUR-01]		
C431	4030018860	S.CER ECJ0EB0J105K	B	33.3/13.6
C432	4030016930	S.CER ECJ0EB1A104K	T	10.8/120.6
C433	4030006860	S.CER C1608 JB 1H 102K-T	B	139.5/137.7
C434	4030017460	S.CER ECJ0EB1E102K	B	140.5/131
C435	4030017460	S.CER ECJ0EB1E102K	T	54.8/29.8
C436	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [USA-01]	B	144.8/138.6
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EXP-01]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [CHN-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [USA-02]		
	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6 CK) [EUR-01]		
C437	4030016930	S.CER ECJ0EB1A104K	B	34.4/12
C438	4030016790	S.CER ECJ0EB1C103K	T	112.8/88.2
C439	4510009810	S.ELE EEFEK1E220R	T	128.4/89.8
C440	4030018900	S.CER ECJ0EB0J474K	T	7.9/129.6
C441	4030017440	S.CER ECJ0EC1H221J	T	12/126.2
C442	4510008780	S.ELE EEE1EA471P	B	9.6/119.8
C443	4030017460	S.CER ECJ0EB1E102K	T	111.9/88.2
C444	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [USA-01]	B	147/148.9
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [EXP-01]		
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [CHN-02]		
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [USA-02]		
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [EXP-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EUR-01]		
C446	4030017460	S.CER ECJ0EB1E102K	T	6.6/130.1
C448	4030017460	S.CER ECJ0EB1E102K	T	128.8/102.4
C449	4510008870	S.ELE EEE1AA471UP	B	8.9/139.2
C450	4030016930	S.CER ECJ0EB1A104K	T	7/125.3
C451	4030018860	S.CER ECJ0EB0J105K	T	8.6/125.3
C452	4030018860	S.CER ECJ0EB0J105K	T	72/98.2
C453	4030017460	S.CER ECJ0EB1E102K	T	130.8/103.6
C454	4030017430	S.CER ECJ0EC1H101J	B	46.3/56.9
C458	4030017460	S.CER ECJ0EB1E102K	T	114.8/95.7
C459	4030017460	S.CER ECJ0EB1E102K	T	116.3/119.1
C460	4030017460	S.CER ECJ0EB1E102K	B	9.6/147.3
C461	4030017420	S.CER ECJ0EC1H470J	T	114.8/94.8
C462	4030017420	S.CER ECJ0EC1H470J	T	115.3/119.1
C463	4030017420	S.CER ECJ0EC1H470J	B	9.6/146.4

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C464	4510009680	S.ELE EEFEK1E471P	B	144.4/121.1
C465	4550006250	S.TAN TEESVA 1A 106M8R	T	102.7/90.2
C466	4030017420	S.CER ECJ0EC1H470J	T	99.9/88
C467	4030016930	S.CER ECJ0EB1A104K	T	62.3/58.5
C468	4030016930	S.CER ECJ0EB1A104K	T	61.7/56.9
C470	4030018860	S.CER ECJ0EB0J105K	T	7.4/122.3
C471	4030016790	S.CER ECJ0EB1C103K	T	7/124.4
C472	4030018860	S.CER ECJ0EB0J105K	T	10.9/117.7
C473	4030018860	S.CER ECJ0EB0J105K	T	5/118.9
C474	4030017780	S.CER ECJ0EB1E472K	T	115.3/17.6
C475	4510008120	S.ELE 16 CE 100 BS	T	125.1/12.1
C476	4510008120	S.ELE 16 CE 100 BS	T	125.1/19.3
C477	4030017780	S.CER ECJ0EB1E472K	T	119/12.3
C478	4030017780	S.CER ECJ0EB1E472K	T	115.3/17.2
C479	4510008120	S.ELE 16 CE 100 BS	T	104.8/14.3
C481	4030017460	S.CER ECJ0EB1E102K	B	63.2/122.2
C491	4030016930	S.CER ECJ0EB1A104K	T	60.4/60.1
C492	4030016930	S.CER ECJ0EB1A104K	B	13.5/32.6
C493	4510008870	S.ELE EEE1AA471UP	B	66.3/45.3
C494	4030016930	S.CER ECJ0EB1A104K	T	117.2/92.6
C495	4030016930	S.CER ECJ0EB1A104K	T	117.2/90.7
C496	4030016930	S.CER ECJ0EB1A104K	T	122.4/92.2
C497	4030016930	S.CER ECJ0EB1A104K	T	109.7/82
C498	4030016930	S.CER ECJ0EB1A104K	T	11.4/43.2
C501	4030017420	S.CER ECJ0EC1H470J	T	12.2/31.2
C502	4030017420	S.CER ECJ0EC1H470J	T	29.5/2.8
C503	4030017420	S.CER ECJ0EC1H470J	B	48/99.4
C506	4030016930	S.CER ECJ0EB1A104K	B	26.3/43.3
C507	4030016930	S.CER ECJ0EB1A104K	B	32.9/31
C508	4030016930	S.CER ECJ0EB1A104K	B	40.1/44.7
C509	4030016930	S.CER ECJ0EB1A104K	B	26.2/32.9
C510	4030016930	S.CER ECJ0EB1A104K	B	26.6/33
C511	4030016930	S.CER ECJ0EB1A104K	B	40.1/34.2
C512	4030017420	S.CER ECJ0EC1H470J	T	92/14.7
C513	4550006250	S.TAN TEESVA 1A 106M8R	B	8.4/59.8
C514	4030016930	S.CER ECJ0EB1A104K	B	11.7/53.5
C515	4030016930	S.CER ECJ0EB1A104K	B	15.5/54.4
C516	4030016930	S.CER ECJ0EB1A104K	T	65.1/69.6
C517	4030016930	S.CER ECJ0EB1A104K	B	15.6/63.1
C518	4030016930	S.CER ECJ0EB1A104K	B	12.4/62.4
C519	4030017460	S.CER ECJ0EB1E102K	B	15.6/59.9
C521	4030016930	S.CER ECJ0EB1A104K	B	18.1/53.6
C522	4030016930	S.CER ECJ0EB1A104K	T	51.2/31.8
C523	4030016930	S.CER ECJ0EB1A104K	T	51.2/33
C524	4030018910	S.CER C1608 JB 0J 475K-T	T	9.5/56
C525	4030018910	S.CER C1608 JB 0J 475K-T	B	25.8/58.3
C526	4030017730	S.CER ECJ0EB1E471K	B	29.8/57.9
C527	4030016790	S.CER ECJ0EB1C103K	B	26.1/50.3
C528	4030017670	S.CER ECJ0EC1H390J	B	37.4/120.7
C529	4030017630	S.CER ECJ0EC1H120J	B	38.3/112.2
C530	4030017420	S.CER ECJ0EC1H470J	T	60.4/62.3
C531	4030017670	S.CER ECJ0EC1H390J	B	93.3/62
C532	4030017670	S.CER ECJ0EC1H390J	B	93.6/52.9
C533	4510008120	S.ELE 16 CE 100 BS	T	125.1/26.4
C534	4030016790	S.CER ECJ0EB1C103K	T	118.5/26.7
C535	4030016790	S.CER ECJ0EB1C103K	B	67.4/101.6
C536	4030016790	S.CER ECJ0EB1C103K	B	65.7/98.3
C538	4030006860	S.CER C1608 JB 1H 102K-T	T	36.2/145.1
C539	4030017790	S.CER ECJ0EB1E682K	T	22.8/57
C540	4030017730	S.CER ECJ0EB1E471K	T	21.2/56.6
C541	4030016930	S.CER ECJ0EB1A104K	T	22.8/55.4
C542	4030017440	S.CER ECJ0EC1H221J	T	27.1/55
C543	4030016930	S.CER ECJ0EB1A104K	T	56.5/68.9
C544	4030017460	S.CER ECJ0EB1E102K	T	62.4/72.9
C545	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-01]	T	97.6/106.8
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-01]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [CHN-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [USA-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EXP-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EUR-01]		
C546	4030018910	S.CER C1608 JB 0J 475K-T	B	40.4/56.7
C547	4030017760	S.CER ECJ0EB1H222K	T	53.772.1
C548	4030016930	S.CER ECJ0EB1A104K	T	14.1/120.6
C549	4030017420	S.CER ECJ0EC1H470J	T	23.1/86.8
C550	4030017420	S.CER ECJ0EC1H470J	T	70.1/82.6
C551	4030017330	S.CER ECJ0EF1C104Z	T	114.2/28.9
C552	4030016790	S.CER ECJ0EB1C103K	B	121.9/48.8
C553	4030016930	S.CER ECJ0EB1A104K	B	30.8/19.4
C555	4030016930	S.CER ECJ0EB1A104K	B	69.8/75.5
C556	4030016930	S.CER ECJ0EB1A104K	T	105.2/28.6
C557	4030016930	S.CER ECJ0EB1A104K	T	97/28.6
C558	4550006250	S.TAN TEESVA 1A 106M8R	T	95.1/27.9
C559	4550007080	S.TAN TEESVA 1C 106M8R	T	45.9/75.5
C562	4030017420	S.CER ECJ0EC1H470J	T	38.5/76.1
C563	4030016930	S.CER ECJ0EB1A104K	B	26.5/122.3
C564	4030017570	S.CER ECJ0EC1H040B	B	68.3/131.3
C565	4030017340	S.CER ECJ0EC1H010B	B	47.9/113.5
C566	4030018860	S.CER ECJ0EB0J105K	B	39/72.7
C571	4030017580	S.CER ECJ0EC1H060C	T	64.6/99.1
C572	4030017580	S		

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C581	4030018910	S.CER C1608 JB 0J 475K-T	B	46.3/60.9
C582	4030018910	S.CER C1608 JB 0J 475K-T	T	69.7/98.2
C583	4030016930	S.CER ECJ0EB1A104K	B	46.3/58.6
C584	4030016790	S.CER ECJ0EB1C103K	B	54.9/55.3
C585	4030016930	S.CER ECJ0EB1A104K	B	54.9/58.6
C586	4030017730	S.CER ECJ0EB1E471K	B	54.9/56.9
C587	4030016790	S.CER ECJ0EB1C103K	B	52.3/59.8
C588	4030018910	S.CER C1608 JB 0J 475K-T	T	70.9/98.2
C601	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-01]	T	97.6/111.3
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-01]	T	
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [CHN-02]	T	
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-02]	T	
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-02]	T	
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [EUR-01]	T	
C610	4030018080	S.CER ECJ0EB1H182K	T	63.3/69.6
C612	4030017460	S.CER ECJ0EB1E102K	B	55.7/29.9
C614	4030017730	S.CER ECJ0EB1E471K	B	29/13.2
C615	4030017650	S.CER ECJ0EC1H270J	B	63.2/117.5
C616	4030017460	S.CER ECJ0EB1E102K	T	93.8/64.6
C617	4030017420	S.CER ECJ0EC1H470J	T	60/64.8
C618	4030017420	S.CER ECJ0EC1H470J	T	64.9/53.3
C619	4030017420	S.CER ECJ0EC1H470J	T	74.2/107.7
C620	4030017420	S.CER ECJ0EC1H470J	T	73.7/96.8
C621	4030017420	S.CER ECJ0EC1H470J	T	31.5/2.8
C622	4030018910	S.CER C1608 JB 0J 475K-T	T	64.3/73.2
C623	4030017330	S.CER ECJ0EF1C104Z	B	126.8/16
C624	4030017330	S.CER ECJ0EF1C104Z	B	126.3/20.3
C625	4030017460	S.CER ECJ0EB1E102K	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23
C630	4030017420	S.CER ECJ0EC1H470J [EUR-01] only	T	106.4/106.8
C631	4030017580	S.CER ECJ0EC1H060C [EUR-01] only	T	113.5/108.3
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	14.8/15.6
J4	6510023511	S.CON 28FLT-SM2-TB(LF)(SN)	T	70.8/102
J5	6510023110	CON 3008L-8P8C <KIN>	T	
J6	6450000140	CON HSJ0807-01-010	T	
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	59.1/15.6
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.6/14.3
J10	6510004910	CON NR-DS-E 01 <NIP>	T	
J11	6510004910	CON NR-DS-E 01 <NIP>	T	
DS1	5040002961	S.LED SML-A12MT T86J	B	96/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126/1.1
DS3	5040003000	S.LED SML-A12UT-T86	B	111/1.1
MF1	2710000870	FAN AFB0512HB-7X22 <USE>HK		
W1	7030012290	JUM RDS2T0R0		
W2	7030012290	JUM RDS2T0R0		
W4	8900017520	CAB OPC-1783		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	30.4/60.5
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.8/39.3
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC500	1130009121	S.IC S1D15206F00A200	B	69.4/35.9
IC501	1110005771	S.IC S-80942CNMC-G9CT2G	B	105.3/274
IC502	1140014581	S.IC UPD78F1153GK(FX-3063C-3)	B	101.3/38.7
IC503	1110005350	S.IC NJM287F05-TE1-#FZZB	B	47.2/30.5
IC506	1140013200	S.IC CD4053BPWR	B	39.1/31.7
IC508	1110002751	S.IC TA75S01F(TE85R,F)	B	143/18
IC509	1110006770	S.IC TDA8547TS/N	B	28.4/55.8
Q500	1590001050	S.TRA DTC114TUA T106	B	148.4/41.4
Q501	1590001050	S.TRA DTC114TUA T106	B	161.8/34.6
Q502	1590001050	S.TRA DTC114TUA T106	B	161.8/41.4
Q503	1590001050	S.TRA DTC114TUA T106	B	148.4/34.6
Q504	1590001050	S.TRA DTC114TUA T106	B	91.4/45.6
Q506	1590001190	S.TRA XP6501-(TX).AB	B	32.9/48.1
Q508	1520000460	S.TRA 2SB1132 T100 R	B	36.9/52.6
Q510	1590001050	S.TRA DTC114TUA T106	B	152.8/53.2
Q511	1590001050	S.TRA DTC114TUA T106	B	166.2/53
Q513	1590001060	S.TRA DTA114TUA T106	B	168.7/53
Q514	1590001060	S.TRA DTA114TUA T106	B	160.1/49.6
Q515	1590001060	S.TRA DTA114TUA T106	B	155.3/53.2
Q516	1590001060	S.TRA DTA114TUA T106	B	145.3/49.9
Q517	1590001050	S.TRA DTC114TUA T106	B	160.1/46.9
Q518	1590001050	S.TRA DTC114TUA T106	B	145.3/47
D503	1790001261	S.DIO MA2S077G0L	B	112.3/33.9
D504	1790001251	S.DIO MA2S1110G0L	B	95/45.8
D505	1790001450	S.DIO RB160L-40 TE-25	B	41.8/26.6
D506	1790001450	S.DIO RB160L-40 TE-25	B	63.2/6.6
D507	1790000951	S.ZEN MAZ8056GML	B	160.8/29.9
D508	1750000370	S.DIO DA221 TL	B	153.2/27.7
D509	1750000370	S.DIO DA221 TL	B	166.4/28.1
D510	1790001251	S.DIO MA2S1110G0L	B	43.2/51.5
D511	1790001251	S.DIO MA2S1110G0L	B	115.8/44.9
D512	1790001251	S.DIO MA2S1110G0L	B	65.3/102.1
D513	1790001251	S.DIO MA2S1110G0L	B	36.3/24.4
X501	6050012680	S.XTA CR-858(SMD-49/18.432 MHz) <JJE>	B	113.1/28.2
L500	6200002861	S.COI NLV25T-4R7J	B	106/17.9
L501	6200003640	S.COI MLF1608E 100K-T	B	161.5/17.9
L502	6200002861	S.COI NLV25T-4R7J	B	85.9/39.3
R500	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	83.5/43.7
R501	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	87.4/47.5
R506	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	157.7/36.3
R507	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	167.9/44.3
R508	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	167.9/37.7
R509	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	155.4/44.5
R510	7030005530	S.RES ERJ2GEJ 100 X (10)	B	106.8/30.5
R511	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	105.8/30.5
R512	7510001730	S.THE ERTJ0EP 473J	B	103.1/48.9
R513	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	102.2/49.8
R514	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	113.1/32.2
R515	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	112.3/35.9
R516	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	103.2/26.4
R517	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	110.3/33
R518	7410001140	S.ARR EXB28V104JX	B	106.9/47.1
R519	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	105.4/48.4
R520	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	96.1/30.7
R523	7030005710	S.RES ERJ2GEJ 121 X (120)	B	114.1/37.6
R524	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	104.4/48.4
R525	7030005710	S.RES ERJ2GEJ 121 X (120)	B	113.2/37.6
R526	7030005710	S.RES ERJ2GEJ 121 X (120)	B	112.3/37.6
R532	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	33.2/45.5
R533	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	31.2/47.7
R534	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	32.2/45.7
R536	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	158.7/30.8
R538	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	155.7/29.3
R539	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	27.6/51.1
R540	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	26.6/49.9
R541	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	139.1/31.9
R542	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	26.1/51.1
R543	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	137.3/31.5
R544	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	164.9/29.3
R545	7030004980	S.RES ERJ2GEJ 101 X (100)	B	140.3/19.9
R546	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	164.8/27.7
R547	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	155.7/27.7
R548	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	159.8/28
R549	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	32/51.3
R551	7210003050	VAR EVU-F2KFK3 B14 (10KB)		
R552	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	142.3/20.3
R553	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	144.6/20.1
R554	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.6/53.4
R556	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	161.1/19
R557	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	29.2/51.3
R558	7030008370	S.RES ERJ2GEJ 561 X (560)	B	169.1/51.1
R559	7030008370	S.RES ERJ2GEJ 561 X (560)	B	155.7/51
R560	7030010040	S.RES ERJ2GEJ-JPW	B	139.4/17.1
R562	7030003720	S.RES ERJ3GEYJ 224 V (220K)	B	86.2/43.7
R563	7030003720	S.RES ERJ3GEYJ 224 V (220K)	B	88.2/44.9
R564	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	153/19.8
R566	7030008370	S.RES ERJ2GEJ 561 X (560)	B	161.9/49.1
R567	7030008370	S.RES ERJ2GEJ 561 X (560)	B	148.3/49.9
R568	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	87.4/16.9
R570	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	103/24.8
R571	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	45.8/51.5
R572	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.2/50.3
R573	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.3/33
R574	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.3/32.1

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R575	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	34.7/24.6
R576	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	62.6/12.8
C500	4030016930	S.CER ECJ0EB1A104K	B	79.3/47.9
C501	4030016930	S.CER ECJ0EB1A104K	B	80.8/47.4
C502	4030016930	S.CER ECJ0EB1A104K	B	80.8/46.5
C503	4030016930	S.CER ECJ0EB1A104K	B	80.4/45.3
C504	4030016930	S.CER ECJ0EB1A104K	B	81.3/45.3
C505	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/41
C506	4030017460	S.CER ECJ0EB1E102K	B	83.9/39.8
C507	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/39.5
C508	4030017730	S.CER ECJ0EB1E471K	B	146.4/41.2
C509	4030017730	S.CER ECJ0EB1E471K	B	159.8/34.4
C510	4030017730	S.CER ECJ0EB1E471K	B	159.9/41.2
C511	4030017730	S.CER ECJ0EB1E471K	B	146.4/34.4
C512	4030017030	S.CER ECJ0EB1A273K	B	104.7/21.7
C513	4030017630	S.CER ECJ0EC1H120J	B	106.4/29.3
C514	4030017420	S.CER ECJ0EC1H470J	B	157.7/44.5
C515	4030016790	S.CER ECJ0EB1C103K	B	103.5/50.2
C516	4030017580	S.CER ECJ0EC1H060C	B	113.1/31.3
C517	4030016930	S.CER ECJ0EB1A104K	B	102.2/50.7
C518	4030016790	S.CER ECJ0EB1C103K	B	113.3/35.1
C519	4030017640	S.CER ECJ0EC1H150J	B	111.3/31.8
C520	4030016930	S.CER ECJ0EB1A104K	B	105.1/27.1
C521	4030018900	S.CER ECJ0EB0J474K	B	104.9/30
C522	4550006480	S.TAN TEESVA 1C 475M8R	B	46.7/33.2
C523	4030017330	S.CER ECJ0EF1C104Z	B	44.9/31
C524	4030016790	S.CER ECJ0EB1C103K	B	49.9/29.5
C525	4550006250	S.TAN TEESVA 1A 106M8R	B	49/27.7
C526	4030016930	S.CER ECJ0EB1A104K	B	48.9/26.1
C527	4030016930	S.CER ECJ0EB1A104K	B	34.3/30
C530	4030017460	S.CER ECJ0EB1E102K	B	34.5/55.4
C531	4550006250	S.TAN TEESVA 1A 106M8R	B	106.6/20.2
C532	4030017460	S.CER ECJ0EB1E102K	B	31.3/45.7
C533	4030017460	S.CER ECJ0EB1E102K	B	45.3/27
C534	4030016930	S.CER ECJ0EB1A104K	B	62.1/14.2
C535	4030016930	S.CER ECJ0EB1A104K	B	30.7/49
C536	4030017460	S.CER ECJ0EB1E102K	B	161/28.5
C537	4030017460	S.CER ECJ0EB1E102K	B	33.6/53.4
C538	4030018860	S.CER ECJ0EB0J105K	B	26.6/49
C539	4030017420	S.CER ECJ0EC1H470J	B	154.8/27.7
C540	4510008590	S.ELE EEE1AA101SP	B	36.9/59.4
C541	4030017330	S.CER ECJ0EF1C104Z	B	150.1/20
C542	4030017460	S.CER ECJ0EB1E102K	B	139.3/19.9
C544	4550006250	S.TAN TEESVA 1A 106M8R	B	29.7/60.8
C545	4030017420	S.CER ECJ0EC1H470J	B	168.1/28.1
C546	4030017420	S.CER ECJ0EC1H470J	B	137.3/32.4
C547	4030017420	S.CER ECJ0EC1H470J	B	134.2/32.4
C548	4030017460	S.CER ECJ0EB1E102K	B	161/27.5
C549	4030017460	S.CER ECJ0EB1E102K	B	44.1/47.4
C551	4030017420	S.CER ECJ0EC1H470J	B	158.1/19.3
C553	4030017420	S.CER ECJ0EC1H470J	B	140.6/17.6
C555	4030018860	S.CER ECJ0EB0J105K	B	148.5/17.9
C556	4030016790	S.CER ECJ0EB1C103K	B	143.1/23.6
C558	4550006480	S.TAN TEESVA 1C 475M8R	B	143.5/22
C559	4030017730	S.CER ECJ0EB1E471K	B	166.3/51.1
C560	4030017730	S.CER ECJ0EB1E471K	B	153.1/51.1
C561	4030017730	S.CER ECJ0EB1E471K	B	161.9/46.9
C562	4030017730	S.CER ECJ0EB1E471K	B	147.4/46.6
C563	4030016930	S.CER ECJ0EB1A104K	B	105.1/28
C564	4030016930	S.CER ECJ0EB1A104K	B	103.2/28
C565	4030016930	S.CER ECJ0EB1A104K	B	44/29.9
C566	4030017460	S.CER ECJ0EB1E102K	B	42.8/49.5
C567	4030016930	S.CER ECJ0EB1A104K	B	42.8/50.4
C568	4030017460	S.CER ECJ0EB1E102K	B	67.3/6.6
C569	4550006250	S.TAN TEESVA 1A 106M8R	B	89.6/40.7
C573	4030016930	S.CER ECJ0EB1A104K	B	34.7/23.7
C574	4030016930	S.CER ECJ0EB1A104K	B	62.6/11.9
C575	4510009020	S.ELE EEE0JA331P	B	106/11.4
J501	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	26.9/27.5
J502	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	52.9/15.1
J503	6450002210	CON 3017-8821 <KIN>		
J504	6510014961	S.CON B2B-ZR-SM4-TF(LF)(SN)	B	18.4/57
DS500	5030002811	LCD L4-0013TVY-2		
DS501	5040002710	LED EMPG3338S		
DS502	5040002720	LED EMVR3338S		
DS503	5040002710	LED EMPG3338S		
DS504	5040002720	LED EMVR3338S		
DS505	5040002310	S.LED SML-311YTT86	T	111.2/43.2
DS506	5040002310	S.LED SML-311YTT86	T	101.3/43.2
DS507	5040002310	S.LED SML-311YTT86	T	91.3/43.2
DS508	5040002310	S.LED SML-311YTT86	T	81.2/43.1
DS509	5040002310	S.LED SML-311YTT86	T	71.3/43.2
DS510	5040002310	S.LED SML-311YTT86	T	61.3/43.2
DS511	5040002150	LED VRPG3349S-734		
DS512	5040002150	LED VRPG3349S-734		
S506	2250000511	ENC RH70N1037E20-13F-2781		
SP501	2510001221	SPE C052SB500-14 <OSC>		
W501	8900011800	CAB OPC-1199		
W502	8900017540	CAB OPC-1785		
EP501	8930065150	LCD SRCN-2781-SP-N-W (SHJ)		
EP503	6910019600	SPA LM-5		

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
EP504	6910019610	SPA LM-7 (SPACER)		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount



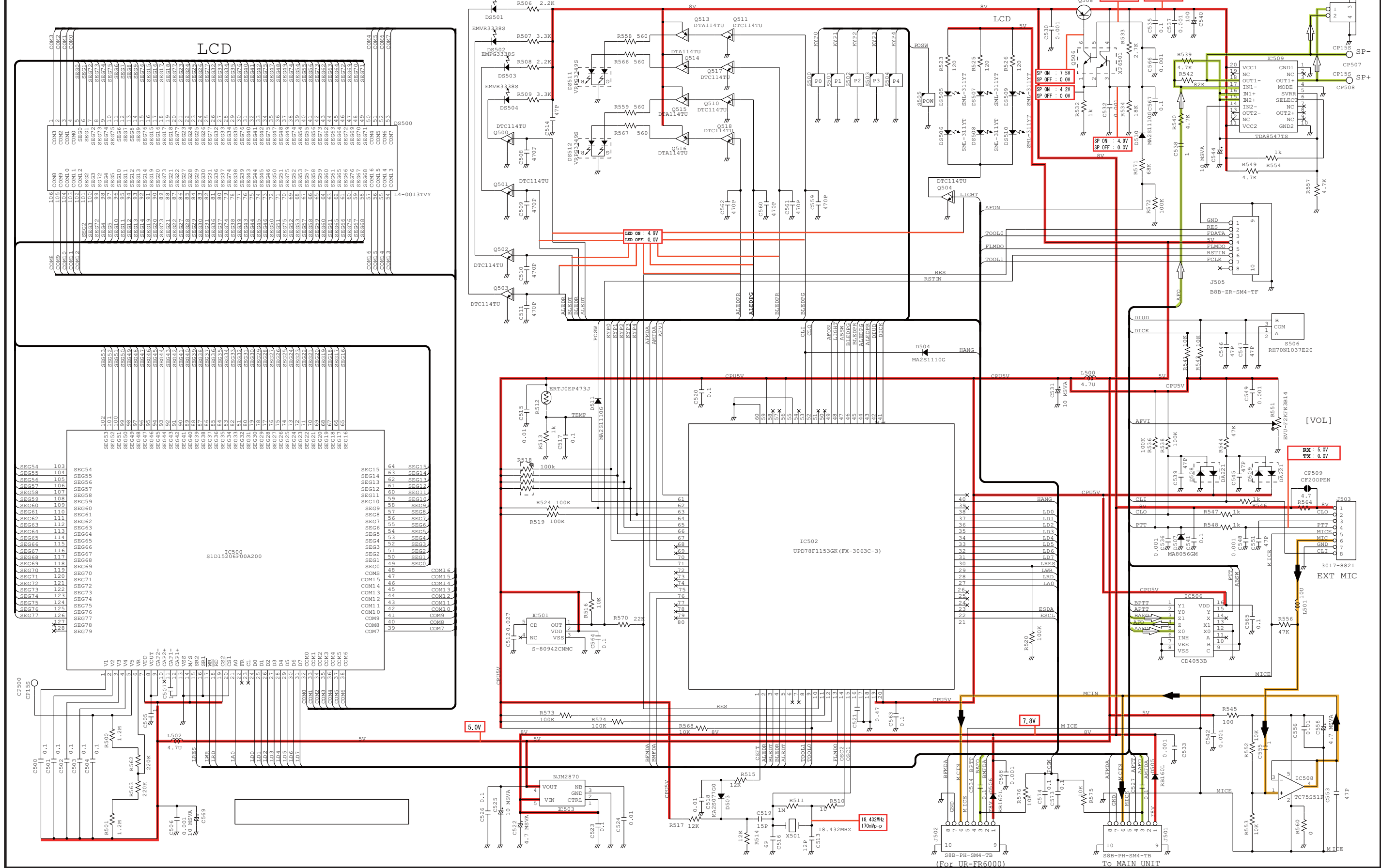
[CONNECT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C601	4030017420	S.CER ECJ0EC1H470J	T	13.8/12.4
C602	4030017400	S.CER ECJ0EC1H220J	T	12.2/12.4
C603	4030017420	S.CER ECJ0EC1H470J	T	16.5/12.4
C604	4030017400	S.CER ECJ0EC1H220J	T	15/14.2
C605	4030017420	S.CER ECJ0EC1H470J	T	17.8/13.9
C606	4030017420	S.CER ECJ0EC1H470J	T	19.4/12.4
C607	4030017420	S.CER ECJ0EC1H470J	T	20.5/13.9
C608	4030017420	S.CER ECJ0EC1H470J	T	22.6/12.4
C609	4030017420	S.CER ECJ0EC1H470J	T	25.5/12.4
C610	4030017420	S.CER ECJ0EC1H470J	T	29.7/12.8
C611	4030017420	S.CER ECJ0EC1H470J	T	31/14.1
C612	4030017420	S.CER ECJ0EC1H470J	T	32.4/12.8
C613	4030017420	S.CER ECJ0EC1H470J	T	33.5/14.1
C614	4030017420	S.CER ECJ0EC1H470J	T	35.2/14.1
C615	4030017420	S.CER ECJ0EC1H470J	T	35.7/12.8
C616	4030017420	S.CER ECJ0EC1H470J	B	35.2/15.6
C617	4030017420	S.CER ECJ0EC1H470J	T	37.5/13.5
C618	4030017420	S.CER ECJ0EC1H470J	T	39.3/12.2
C619	4030017420	S.CER ECJ0EC1H470J	T	39.9/13.4
C620	4030017420	S.CER ECJ0EC1H470J	T	41.3/12.6
C621	4030017420	S.CER ECJ0EC1H470J	T	27.4/13.9
J601	6510026290	S.CON IMSA-9631S-28Y921	B	22.8/16.2
J602	6510023210	CON CD6125SA1J0 <CVI>		
S1	2260003070	S.SWI MINISMDC150F/24-2	B	38.9/18
W601	8900017500	CAB OPC-1852 (P0.5,N28,L90) <TJM>		

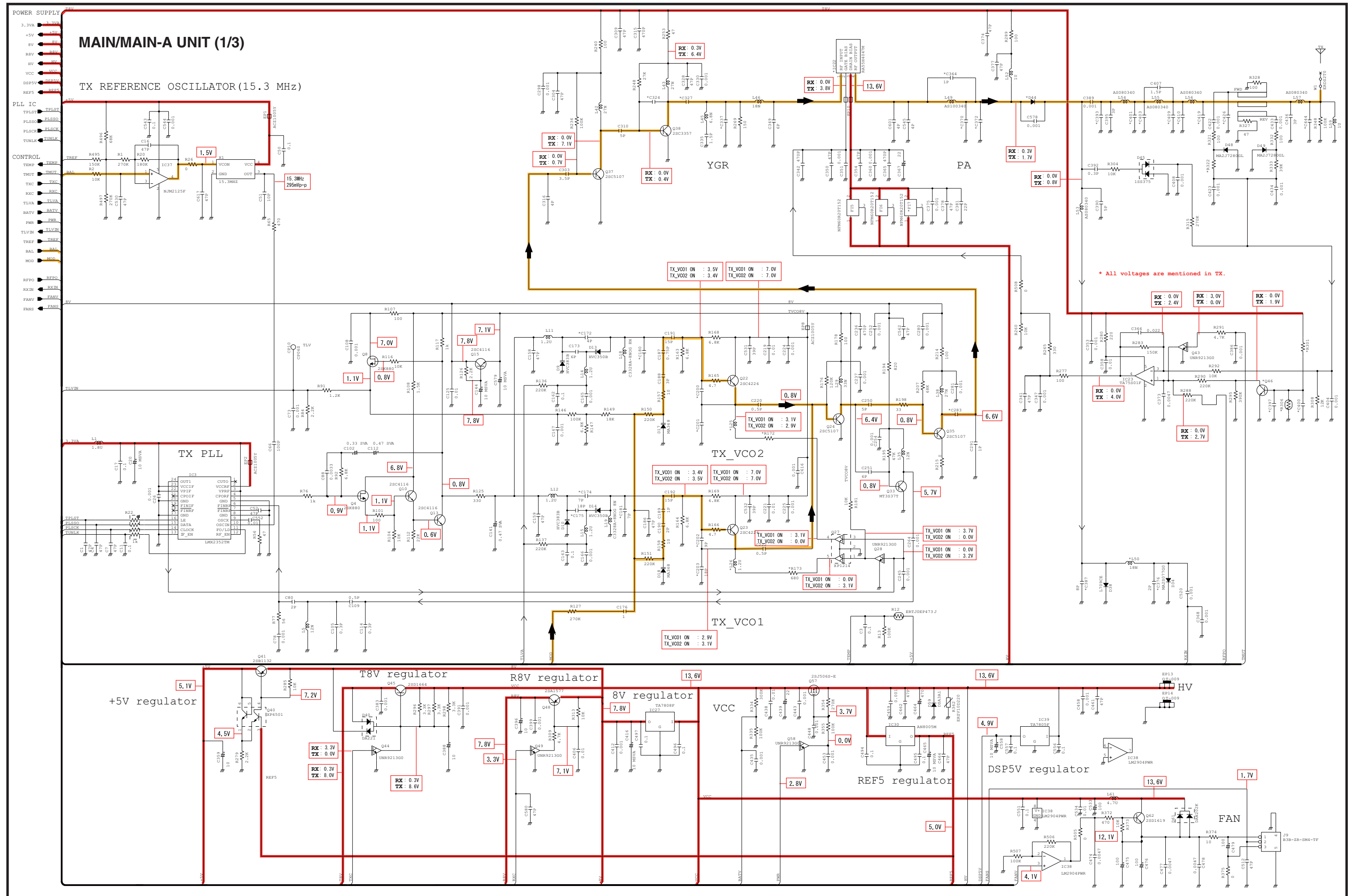
M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

# VOLTAGE DIAGRAM

## FRONT UNIT

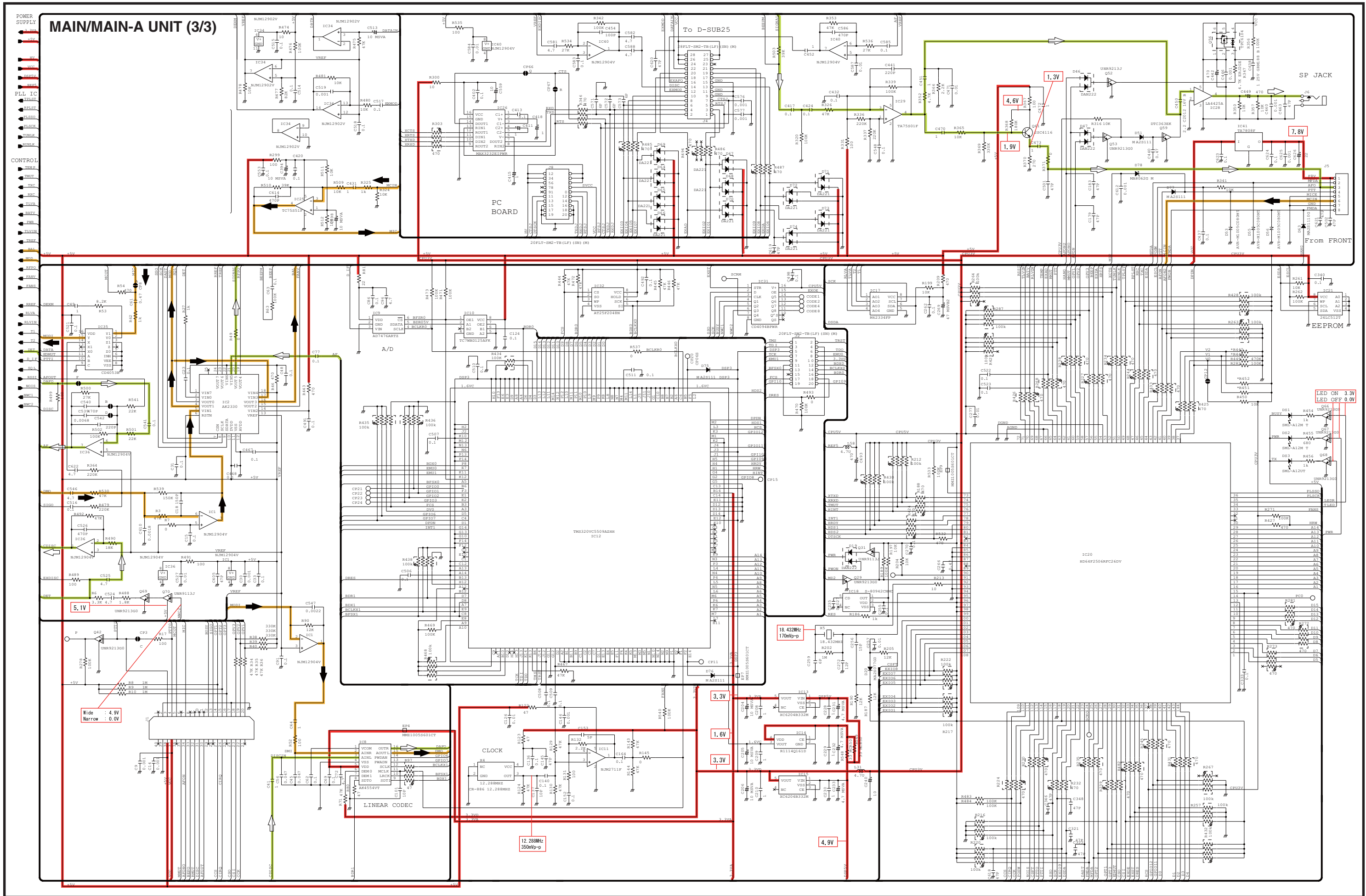


\*; Refer to "PARTS LIST."



\*; Refer to "PARTS LIST"





\*; Refer to "PARTS LIST."

Jun. 2009



# SERVICE MANUAL ADDENDUM

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## IC-FR6000 IC-FR6100 IC-FR6000-L

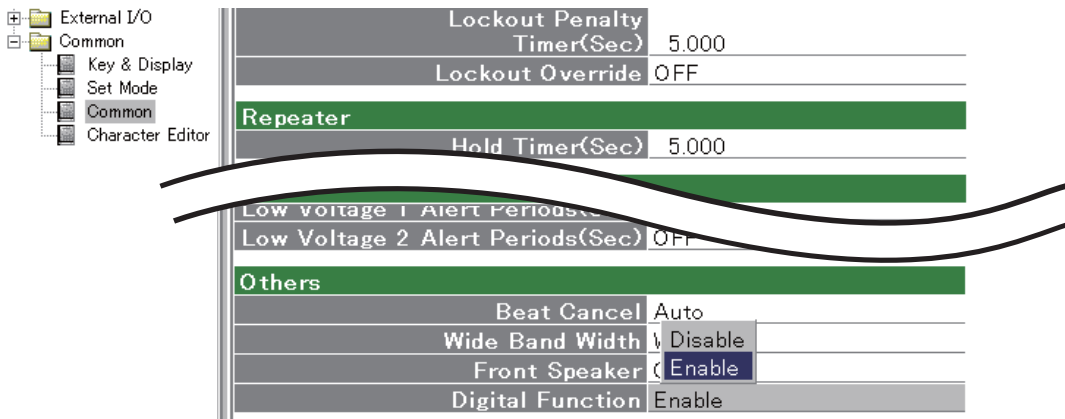
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### CONTENTS

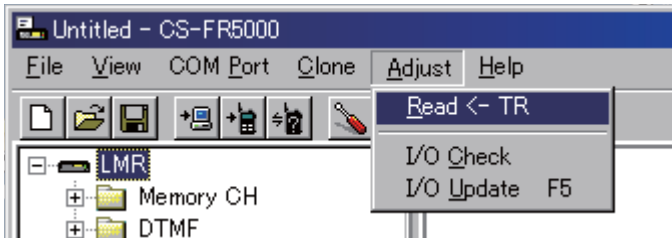
REPLACEMENT PAGES .....	6-5 and 6-6
PARTS LIST .....	1
BOARD LAYOUTS .....	11
VOLTAGE DIAGRAM .....	13

**WHOLE PROCEDURE OF THE ADJUSTMENT**

- ① Connect the repeater and PC with the JIG cable (see the page 6-2).
- ② Turn the repeater power ON.
- ③ Boot up 'CS-FR5000.'
- ④ Set the [Digital Function] to "Enable."



- ⑤ Click or [Read ← TR] in the [Adjust] menu to open the "Adjust Utility" window (see the page 6-6).



If the window below appears, the utility is password-protected. Enter the password to open the "Adjust Utility" window.

Adjust Read Password

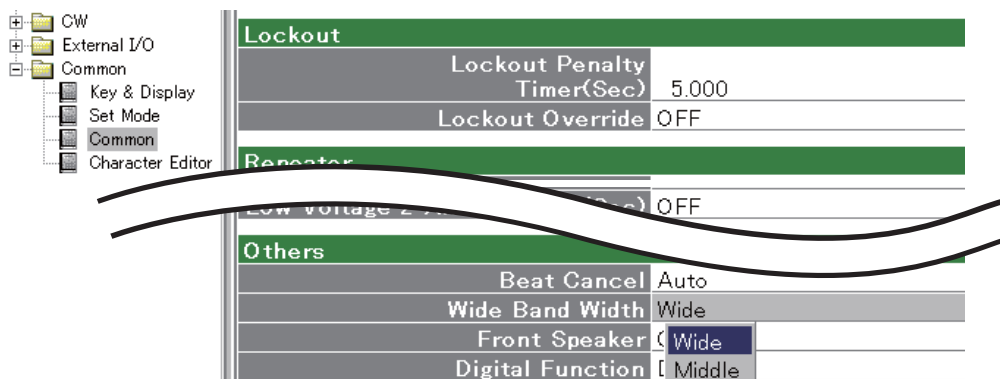
Enter Password for Adjust Read

OK    Cancel

- ⑥ Set or modify adjustment values as specified in the guidances on the pages 6-6 to 6-9.

**\*For [FR6100]:**

Set the [Wide Band Width] to "Middle" when adjust "ANALOG DEVIATION" in Middle mode.



**ADJUST UTILITY WINDOW**

Adjust Utility			
Setting			
	CH No.	1	Band0 fL
	RX Freq.		349.80000MHz
	TX Freq.		349.80000MHz
	RF Power.		Low1
	W/N		Wide
	CH Type		RX=Analog TX=Analog
Mode setting	TX Mode	1	Analog Voice
	RX Mode	1	Analog
	AF Volume	0	[-----]
Adjust			
TX output power	Power (Hi)	185	[#####-----]
	Power (L2)	131	[#####-----]
	Power (L1)	68	[#####-----]
Analog deviation	MOD (Wide)	210	[#####-----]
	MOD (Mid)	135	[#####-----]
	MOD (Narrow)	95	[#####-----]
	MOD (Digital)	156	[#####-----]
CTCSS/DTCS deviation	CTCSS/DTCS	148	[#####-----]
	S.Tone	75	[#####-----]
Squelch	SQL	121	[#####-----]
Expert			
TX frequency	RX REF	154	[#####-----]
	TX REF	131	[#####-----]
Lock volatge (Preset)	RX LVA L	79	[#####-----] [Enter] to Sweep
	RX LVA H	126	[#####-----] [Enter] to Sweep
	TX LVA L	79	[#####-----] [Enter] to Sweep
	TX LVA H	158	[#####-----] [Enter] to Sweep
Lock volatge (Adjustment)	LV (RX L)	36	0.70V
	LV (RX H)	36	0.70V
	LV (TX L)	36	0.70V
	LV (TX H)	36	0.70V
S-meter	RSSI	86	[Enter] to Capture
Modulation balance	BAL	101	[#####-----]
Modulation balance (High)	BAL Offset (High)	-28	[#####-----]
	PWR Hi Slant Band 0	-2	[#####-----] 349.800000 - 358.199999 MHz
	PWR Hi Slant Band 1	-2	[#####-----] 358.200000 - 366.599999 MHz
	PWR Hi Slant Band 2	-2	[#####-----] 366.600000 - 374.999999 MHz
	PWR L2 Slant Band 0	-1	[#####-----] 349.800000 - 358.199999 MHz
	PWR L2 Slant Band 1	-2	[#####-----] 358.200000 - 366.599999 MHz
	PWR L2 Slant Band 2	-2	[#####-----] 366.600000 - 374.999999 MHz
	PWR L2 Slant Band 3	-7	[#####-----] 375.000000 - 383.399999 MHz
	PWR L2 Slant Band 4	-6	[#####-----] 383.400000 - 391.799999 MHz
	PWR L2 Slant Band 5	-6	[#####-----] 391.800000 - 400.199999 MHz
	PWR L2 Slant Band 6	0	[#####-----] 400.200000 - 408.599999 MHz
	PWR L1 Slant Band 0	-1	[#####-----] 349.800000 - 358.199999 MHz
	PWR L1 Slant Band 1	-1	[#####-----] 358.200000 - 366.599999 MHz
	PWR L1 Slant Band 2	-2	[#####-----] 366.600000 - 374.999999 MHz
	PWR L1 Slant Band 3	-7	[#####-----] 375.000000 - 383.399999 MHz
	PWR L1 Slant Band 4	-6	[#####-----] 383.400000 - 391.799999 MHz
	PWR L1 Slant Band 5	-5	[#####-----] 391.800000 - 400.199999 MHz
	PWR L1 Slant Band 6	0	[#####-----] 400.200000 - 408.599999 MHz
Digital deviation	MOD Slant Band 0	-9	[#####-----] 349.800000 - 358.199999 MHz
	MOD Slant Band 1	-11	[#####-----] 358.200000 - 366.599999 MHz
	MOD Slant Band 2	-11	[#####-----] 366.600000 - 374.999999 MHz
	MOD Slant Band 3	5	[#####-----] 375.000000 - 383.399999 MHz
	MOD Slant Band 4	2	[#####-----] 383.400000 - 391.799999 MHz
	MOD Slant Band 5	1	[#####-----] 391.800000 - 400.199999 MHz
	MOD Slant Band 6	0	[#####-----] 400.200000 - 408.599999 MHz
	MOD Offset (High)	7	[#####-----]
*2Receive sensitivity (Band center)	BPF C ALL		[Enter] to Sweep
*1Receive sensitivity preset	BPF T1 C	87	[#####-----] [Enter] to Sweep
*1Receive sensitivity (Band center)	BPF T2 C	118	[#####-----] [Enter] to Sweep
	BPF L ALL		[Enter] to Sweep
Receive sensitivity (Band high)	BPF T1 L	109	[#####-----] [Enter] to Sweep
	BPF T2 L	42	[#####-----] [Enter] to Sweep
	BPF H ALL		[Enter] to Sweep
	BPF T1 H	70	[#####-----] [Enter] to Sweep
	BPF T2 H	52	[#####-----] [Enter] to Sweep
*3Password setting	Password		

\*1[Low band] only

\*2[High band] only

\*3Refer to the help file of the CS-FR5000 CLONING SOFTWARE for setting details.



# PARTS LIST

## [MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1-#ZZZB	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.1
IC3	1130010100	S.IC LMX2352TMX/NOPB	B	120.2/43.9
IC4	1130010100	S.IC LMX2352TMX/NOPB	B	28/78.8
IC5	1110003491	S.IC TA31136FNG(D,EL)	B	70.4/82.5
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4
IC8	1130012910	S.IC AK4554VTP-E2/P	B	36.2/59.9
IC9	1190002080	S.IC AD7476ARTZ-500RL7 <FE>	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK(T5L,F)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35
IC12	1140013290	S.IC TMS320V/C5509AZHH	B	33.3/37.8
IC13	1180002590	S.REG XC6204B332MR	T	80.9/21.3
IC14	1180003270	S.REG R1114Q161D-TR-F	T	84.4/21.4
IC15	1180002590	S.REG XC6204B332MR	T	87.8/21.3
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.2/52.8
IC20	1140014550	S.IC HD64F2506RFC26DV(EMPTY)	T	33.5/37.6
IC21	1140012950	S.IC 24LC512T-I/SM	T	59.1/21.8
IC22	1150002211	IC RA55H4047M-121 [USA-01]		
	1150002211	IC RA55H4047M-121 [EXP-01]		
	1150002211	IC RA55H4047M-121 [CHN-02]		
	1150002211	IC RA55H4452M-121 [USA-02]		
	1150002221	IC RA55H4452M-121 [EXP-02]		
	1150002092	IC RA30H4047M-121 [EUR-01]		
IC23	1110002751	S.IC TA75S01F(TE85R,F)	T	139.3/125.6
IC25	1130008561	S.IC TC75S51F(TE85L,F)	B	29/16.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.7/70
IC27	1180001251	S.IC TA7808F(TE16L,Q)	T	116.6/84.1
IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85R,F)	T	12/123.1
IC30	1110003390	S.IC AN8005M-(E1)	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.1/45.2
IC32	1130013360	S.IC AT25F2048N-10SU-2.7SL383	B	8.9/36.1
IC34	1110005340	S.IC NJM12902V-TE1-#ZZZB	B	12.2/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.2
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4
IC37	1120002830	S.IC NJM2125F-TE1-#FZZB	T	56.6/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180001071	S.IC TA7805F(TE16L,Q)	T	101.2/24.3
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2
IC41	1180001251	S.IC TA7808F(TE16L,Q)	B	132/16.7
Q1	1590003231	S.TRA UNR9113G0L	B	53.4/79.7
Q2	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	34.9/77.7
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Q4	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	88.8/41.5
Q5	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	33.3/107.5
Q6	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	29.6/101.3
Q7	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	72.9/92.5
Q8	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	92.7/47.7
Q9	1560001360	S.FET 2SK3019 TL	B	39.5/104.5
Q10	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/44.6
Q11	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/104.4
Q12	1590003231	S.TRA UNR9113G0L	B	65.6/101.6
Q13	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/47.7
Q14	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/107.5
Q15	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	92.7/44.6
Q16	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	33.3/104.5
Q19	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	63.2/106.8
Q20	1530002920	S.TRA 2SC4226-T1 R25	B	38.8/123.1
Q21	1530002920	S.TRA 2SC4226-T1 R25	B	39.6/114.5
Q22	1530002920	S.TRA 2SC4226-T1 R25	B	94.6/64.3
Q23	1530002920	S.TRA 2SC4226-T1 R25	B	95.2/55.4
Q24	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	100.5/88.8
Q25	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	44.9/116.2
Q26	1590001400	S.TRA XP1214(TX)	B	40.5/117.8
Q27	1590001400	S.TRA XP1214(TX)	B	96/59.6
Q28	1590003291	S.TRA UNR9213G0L	B	93.3/59.6
Q29	1590003291	S.TRA UNR9213G0L	T	57.2/41.9
Q30	1590003291	S.TRA UNR9213G0L	B	37.8/117.8
Q31	1590003231	S.TRA UNR9113G0L	T	57.2/39.8
Q32	1530004110	S.TRA MT3S37T(TE85L,F)	B	46.5/109.1
Q33	1530004110	S.TRA MT3S37T(TE85L,F)	B	102.1/53.4
Q34	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	46.2/123.1
Q35	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85L,F)	B	47.3/136.1
Q37	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	132.5/84.5
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829(TE85R,F)	B	53.2/140.8
Q40	1590001190	S.TRA XP6501-(TX).AB	T	101.6/87.4
Q41	1520000460	S.TRA 2SB1132 T100 R	T	101.6/82.8
Q42	1590003291	S.TRA UNR9213G0L	T	13.3/67.6
Q43	1590003291	S.TRA UNR9213G0L	T	138.8/122.9
Q44	1590003291	S.TRA UNR9213G0L	T	122.8/79.2
Q45	1540000550	S.TRA 2SD1664 T100Q	T	117/76.3
Q46	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	137.4/120.3
Q48	1510000920	S.TRA 2SA1577 T106 Q	T	101.5/77.8
Q49	1590003291	S.TRA UNR9213G0L	T	102.2/73.7
Q52	1590003291	S.TRA UNR9213G0L	T	10.9/131.6
Q53	1590003291	S.TRA UNR9213G0L	T	10.9/129.6
Q56	1590003321	S.FET TPC6103(TE85L,F)	T	7.6/132.6
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590003291	S.TRA UNR9213G0L	T	130.2/102.1
Q59	1590000990	S.TRA DTC363EK T146	T	7.6/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	6.8/118.4
Q62	1540000441	S.FET 2SD1619T-D-E	T	118.4/18.5
Q63	1560000990	S.FET PMBFJ310	B	66.3/110

## [MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
Q64	1560000990	S.FET PMBFJ310	B	63.3/110
Q65	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	59.6/123.7
Q66	1590003291	S.TRA UNR9213G0L	B	94.9/4.7
Q67	1590003291	S.TRA UNR9213G0L	B	124.9/4.7
Q68	1590003291	S.TRA UNR9213G0L	B	109.9/4.7
Q69	1590003291	S.TRA UNR9213G0L	T	9.5/53.3
Q70	1590003231	S.TRA UNR9113G0L	T	9.5/51
D1	1750001070	S.DIO DAN235ETL	B	57.3/78.6
D2	1750001070	S.DIO DAN235ETL	B	50/79.7
D3	1790001621	S.DIO 1SV308(TPL3,F)	B	70.3/93.4
D4	1790001621	S.DIO 1SV308(TPL3,F)	B	67.8/93.4
D7	1750001150	S.VAR HVC383BTRF-E	B	30.8/122.3
D8	1750001150	S.VAR HVC383BTRF-E	B	30.6/112.7
D9	1750001150	S.VAR HVC383BTRF-E	B	85.6/63.5
D10	1750001150	S.VAR HVC383BTRF-E	B	85.7/53.3
D11	1790001621	S.DIO 1SV308(TPL3,F)	B	63.5/103.1
D12	1790001621	S.DIO 1SV308(TPL3,F)	B	62.7/101.1
D13	1750000711	S.VAR HVC350BTRF-E	B	87.3/66.8
D14	1750000711	S.VAR HVC350BTRF-E	B	87.1/55.4
D15	1750000711	S.VAR HVC350BTRF-E	B	32.6/125.4
D16	1750000711	S.VAR HVC350BTRF-E	B	32/114.5
D17	1720000570	S.VAR MA368(TX)	B	94.6/66.6
D18	1720000570	S.VAR MA368(TX)	B	91.4/57.7
D19	1750000520	S.DIO DAN222TL	T	59.6/39.8
D20	1790001261	S.DIO MA2S077G0L	T	38.9/57.8
D21	1750000711	S.VAR HVC350BTRF-E	B	66.1/135.8
D22	1750000711	S.VAR HVC350BTRF-E	B	62.9/135.8
D24	1750000711	S.VAR HVC350BTRF-E	B	56.1/135.9
D27	1790001251	S.DIO MA2S1110GL	B	57.2/140.4
D28	1750000711	S.VAR HVC350BTRF-E	B	35.9/134.4
D29	1750000711	S.VAR HVC350BTRF-E	B	37.1/134.4
D31	1750000711	S.VAR HVC350BTRF-E	B	32.4/136.5
D32	1750000711	S.VAR HVC350BTRF-E	B	32.4/135.3
D33	1790001241	S.DIO MA2S7280GL	B	37.8/144.2
D34	1790001261	S.DIO MA2S077G0L	B	85.4/137.8
D38	1750001360	S.DIO L709CER (9401)	B	87.8/135.6
D40	1750000370	S.DIO DA221 TL	T	112.6/77
D44	1710001061	DIO L407CDB		
D45	1790001211	S.DIO 1SS375-TL-E	B	96.3/138.1
D46	1750000520	S.DIO DAN222TL	T	13.3/131.1
D47	1750000520	S.DIO DAN222TL	T	13.2/129.1
D48	1790000661	S.DIO MA2J7280GL	B	121.1/142.5
D49	1790000661	S.DIO MA2J7280GL	B	140.6/133
D51	1790001251	S.DIO MA2S1110GL	T	10.5/127.1
D53	1790001810	S.VAR AVR-M1005C080MTABB	T	32.5/11.5
D55	1790001810	S.VAR AVR-M1005C080MTABB	T	30.5/11.5
D56	1790001810	S.VAR AVR-M1005C080MTABB	B	33.2/22.1
D59	1790000700	DIO DSA3A1		
D61	1160000070	S.DIO DAN202K T146	T	118.4/14.3
D62	1750000431	S.DIO HSB88WSTR-E	B	68.3/123.3
D63	1790001251	S.DIO MA2S1110GL	B	34.1/20.7
D64	1750000370	S.DIO DA221 TL	T	63.2/93.9
D65	1750000370	S.DIO DA221 TL	T	65.2/93.9
D66	1750000370	S.DIO DA221 TL	T	67.2/93.9
D67	1750000370	S.DIO DA221 TL	T	62.5/105.6
D68	1750000370	S.DIO DA221 TL	T	60.5/104.7
D69	1750000370	S.DIO DA221 TL	T	69.2/93.9
D70	1750000370	S.DIO DA221 TL	T	71.2/93.9
D71	1750000370	S.DIO DA221 TL	T	69.4/109.5
D72	1750000370	S.DIO DA221 TL	T	71.5/109.5
D73	1750000370	S.DIO DA221 TL	T	73.5/109.5
D74	1750000370	S.DIO DA221 TL	T	75.6/109.5
D75	1790001251	S.DIO MA2S1110GL	B	41/38.6
D76	1790001251	S.DIO MA2S1110GL	B	26.4/41.3
D77	1790001251	S.DIO MA2S1110GL	B	49.2/29.9
D78	1730002361	S.ZEN MAZ8062GML	B	52.3/29.9
F11	2020001520	CER CFWLA450KFFA-B0 (CFWS450F)		
F12	2020001460	CER CFWLA450KHFA-B0 (CFWS450HT)		
F13	2030000500	S.MON DSF753SBF 46.35 MHz (FL-401)	B	72/101
F14	2030000670	S.MON DSF753SBF 46.35 MHz (FL-420)	B	63.4/91.1
F15	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/110.3
F16	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/113.4
F17	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/116.5
X1	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	128.6/45.3
X2	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	35.6/72.3
X3	6070000300	S.DIS JTBM450CX24 <JJ>	B	63.5/83.5
X4	6050012930	S.XTA CR-886 DSA321SCA 12.288 MHz	B	52.8/38.2
X5	6050012680	S.XTA CR-858(SMD-49/18.432 MHz) <JJ>	T	46.9/52.7
L1	6200004660	S.COI MLF1608A 1R8K-T	B	115.6/39.2
L2	6200004660	S.COI MLF1608A 1R8K-T	B	23.6/82.4
L3	6200004480	S.COI MLF1608D R2K-T	B	39.4/79.3
L4	6200003540	S.COI MLF1608D R2K-T	B	36.9/76.9

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
L5	6200005671	S.COI ELJRE 12NGFA [USA-01]	B	102.7/46.7
	6200005671	S.COI ELJRE 12NGFA [EXP-01]		
	6200005671	S.COI ELJRE 12NGFA [CHN-02]		
	6200005661	S.COI ELJRE 10NGFA [USA-02]		
	6200005661	S.COI ELJRE 10NGFA [EXP-02]		
	6200005671	S.COI ELJRE 12NGFA [EUR-01]		
L6	6200005671	S.COI ELJRE 12NGFA	B	44.6/99.3
L8	6200004741	S.COI NLV25T-1R2J	B	28.5/121.7
L9	6200004741	S.COI NLV25T-1R2J	B	28.5/124.9
L10	6200004741	S.COI NLV25T-1R2J	B	28.5/114.1
L11	6200004741	S.COI NLV25T-1R2J	B	83.7/63.1
L12	6200004741	S.COI NLV25T-1R2J	B	83.7/54.6
L13	6200004741	S.COI NLV25T-1R2J	B	30.6/117.2
L14	6200004741	S.COI NLV25T-1R2J	B	84.2/66.2
L15	6200004741	S.COI NLV25T-1R2J	B	84.2/57.7
L18	6200009260	S.COI C3328A-5N0J-A	B	88.7/63.1
L19	6200009260	S.COI C3328A-5N0J-A	B	89.8/54.
L20	6200009390	S.COI C3328A-8N0J-A	B	33.2/121.7
L21	6200009390	S.COI C3328A-8N0J-A	B	34.7/113.1
L22	6200003550	S.COI MLF1608A 4R7K-T	B	73.4/109.9
L23	6200002861	S.COI NLV25T-4R7J	B	57.6/108.9
L24	6200010740	S.COI C2520C-2RTG-A	B	70/109.1
L25	6200004741	S.COI NLV25T-1R2J	B	97.1/64.6
L26	6200004741	S.COI NLV25T-1R2J	B	98.1/53.9
L27	6130002961	S.COI #617DB-132T=P3	B	68.3/117.
L28	6200005711	S.COI ELJRE 27NGFA	B	62.3/123.6
L29	6200005721	S.COI ELJRE 33NGFA	B	102.6/58.6
L30	6200005721	S.COI ELJRE 33NGFA	B	46.9/116.2
L31	6200002861	S.COI NLV25T-4R7J	T	91.1/19.9
L32	6130002961	S.COI #617DB-132T=P3	B	68.3/128.7
L33	6200005671	S.COI ELJRE 12NGFA [EXP-02]	B	47.3/107.1
L34	6200005711	S.COI ELJRE 27NGFA [USA-01]	B	61.1/117.5
	6200005711	S.COI ELJRE 27NGFA [EXP-01]		
	6200005711	S.COI ELJRE 27NGFA [CHN-02]		
	6200005691	S.COI ELJRE 18NGFA [USA-02]		
	6200005691	S.COI ELJRE 18NGFA [EXP-02]		
	6200005711	S.COI ELJRE 27NGFA [EUR-01]		
L35	6200005671	S.COI ELJRE 12NGFA [USA-01]	B	102.7/51.6
	6200005671	S.COI ELJRE 12NGFA [EXP-01]		
	6200005671	S.COI ELJRE 12NGFA [CHN-02]		
	6200005661	S.COI ELJRE 10NGFA [USA-02]		
	6200005661	S.COI ELJRE 10NGFA [EXP-02]		
	6200005671	S.COI ELJRE 12NGFA [EUR-01]		
L36	6200005711	S.COI ELJRE 27NGFA	B	44.3/123.1
L37	6200005711	S.COI ELJRE 27NGFA [USA-01]	B	61.1/120.1
	6200005711	S.COI ELJRE 27NGFA [EXP-01]		
	6200005711	S.COI ELJRE 27NGFA [CHN-02]		
	6200005691	S.COI ELJRE 18NGFA [USA-02]		
	6200005691	S.COI ELJRE 18NGFA [EXP-02]		
	6200005711	S.COI ELJRE 27NGFA [EUR-01]		
L38	6200009320	S.COI C3328A-12NG-A	B	100/64.4
L39	6200009320	S.COI C3328A-12NG-A	B	70.8/137.3
L40	6200009320	S.COI C3328A-12NG-A	B	59.5/135.7
L41	6200009320	S.COI C3328A-12NG-A	B	51.4/136.3
L42	6200005711	S.COI ELJRE 27NGFA	B	134.7/83.8
L43	6200005711	S.COI ELJRE 27NGFA	B	142/87.1
L44	6200010290	S.COI C6328A-22NG-A [USA-01]	B	41.9/136.2
	6200010290	S.COI C6328A-22NG-A [EXP-01]		
	6200010290	S.COI C6328A-22NG-A [CHN-02]		
	6200013490	S.COI C6328A-17NG-A [USA-02]		
	6200013490	S.COI C6328A-17NG-A [EXP-02]		
	6200010290	S.COI C6328A-22NG-A [EUR-01]		
L45	6200005641	S.COI ELJRE 6N8ZF	B	142.7/90.6
L46	6200005691	S.COI ELJRE 18NGFA [USA-01]	B	142/94.6
	6200005691	S.COI ELJRE 18NGFA [EXP-01]		
	6200005691	S.COI ELJRE 18NGFA [CHN-02]		
	6200005691	S.COI ELJRE 18NGFA [USA-02]		
	6200005691	S.COI ELJRE 18NGFA [EXP-02]		
	6200005671	S.COI ELJRE 12NGFA [EUR-01]		
L47	6200010290	S.COI C6328A-22NG-A [USA-01]	B	34.8/140.3
	6200010290	S.COI C6328A-22NG-A [EXP-01]		
	6200010290	S.COI C6328A-22NG-A [CHN-02]		
	6200013490	S.COI C6328A-17NG-A [USA-02]		
	6200013490	S.COI C6328A-17NG-A [EXP-02]		
	6200010290	S.COI C6328A-22NG-A [EUR-01]		
L48	6200010100	S.COI C2012C-33NG-A	B	39.7/142.2
L49	6200010040	S.COI AS100340-10N	B	95.5/119.7
L50	6200005691	S.COI ELJRE 18NGFA	B	88/137.7
L52	6200010420	S.COI FHW1210HC 1R0JGT <JJE>	B	86.6/122.3
L53	6200010150	S.COI AS080340-15N	B	92.5/134.3
L54	6200010150	S.COI AS080340-15N	B	99.7/133.8
L55	6200010150	S.COI AS080340-15N	B	107.5/135.8
L56	6200010150	S.COI AS080340-15N	B	114.4/138.9
L57	6200010150	S.COI AS080340-15N	B	144.6/142.1
L58	6200002861	S.COI NLV25T-4R7J	T	55.4/37.5
L59	6200010420	S.COI FHW1210HC 1R0JGT <JJE>	B	147.1/146.2
L60	6200010420	S.COI FHW1210HC 1R0JGT <JJE>	B	24.5/145.
L61	6200002961	S.COI NLV32T-4R7J	T	118.4/23.8
L65	6200004741	S.COI NLV25T-1R2J	B	41.3/123.3
L66	6200004741	S.COI NLV25T-1R2J	B	42.8/113.5
R1	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	54.5/63.5
R2	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	59/61.8
R3	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	62.4/69.6
R4	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	57.3/80.1
R6	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	9.5/57.1
R7	7030010040	S.RES ERJ2GEJ-JPW	T	61.6/66.3
R8	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	24.9/70.4
R9	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	25.8/70.4
R10	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	26.7/70.4
R12	7510001730	S.THE ERTJJOEP 473J	B	129.1/49.3
R13	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	130.8/49.3
R15	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	54.5/78.3
R17	7030004980	S.RES ERJ2GEJ 101 X (100)	T	19.8/68.8

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R18	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	55.3/79.2
R20	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	56.2/63.5
R22	7410001130	S.ARR EXB28V102JX	T	122.6/39
R23	7410001130	S.ARR EXB28V102JX	B	23.1/76.3
R25	7030004970	S.RES ERJ2GEJ 470 X (47)	B	65.3/79.4
R26	7030010040	S.RES ERJ2GEJ-JPW	T	57.8/64.5
R27	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	57.8/51.
R29	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	35.8/75.5
R30	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	52.8/81.1
R32	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	51.2/78.3
R33	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	48.4/78.2
R34	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	27.1/68.1
R35	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	28/68.1
R36	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	28.9/68.1
R38	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	27.6/70.4
R39	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	28.6/70.4
R40	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	29.5/70.4
R41	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	68.2/78.2
R42	7030007060	S.RES ERJ2GEJ 684X (680K)	B	34.6/75.9
R43	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	62.8/77.3
R44	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	71.4/78.2
R45	7030004970	S.RES ERJ2GEJ 101 X (100)	B	64.6/75.5
R46	7030005000	S.RES ERJ2GEJ 471 X (470)	T	52.7/57.1
R47	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	64.6/76.4
R48	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	62.8/76.4
R49	7030010040	S.RES ERJ2GEJ-JPW	T	55.2/57.
R52	7030004980	S.RES ERJ2GEJ 101 X (100)	B	34.1/56.4
R53	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	16.8/57.6
R54	7030005000	S.RES ERJ2GEJ 471 X (470)	B	19.4/64.3
R56	7030004970	S.RES ERJ2GEJ 470 X (47)	B	121.9/50.4
R57	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	62.8/75.5
R58	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	56.5/49
R59	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	55.4/49
R60	7030005000	S.RES ERJ2GEJ 471 X (470)	B	33.1/75.2
R62	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	18.5/62.5
R63	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	55.5/60
R65	7030005000	S.RES ERJ2GEJ 471 X (470)	B	125.1/47.3
R66	7030004980	S.RES ERJ2GEJ 101 X (100)	B	56.5/50.6
R68	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	67.5/86.7
R69	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.7/83
R71	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	31/62.6
R72	7030004980	S.RES ERJ2GEJ 101 X (100)	B	57.6/44.2
R75	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	39.9/71.1
R76	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	91/41.5
R77	7030005580	S.RES ERJ2GEJ 560 X (56)	B	119.7/48.8
R78	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	29.6/99.3
R79	7030005580	S.RES ERJ2GEJ 560 X (56)	B	32.7/79.5
R80	7030004970	S.RES ERJ2GEJ 470 X (47)	B	23.5/41.1
R81	7030007250	S.RES ERJ2GEJ 220 X (22)	B	49.5/50.5
R82	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	56/44.2
R84	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	95.4/45.4
R85	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	36.9/105.6
R87	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	73.7/81.1
R88	7030005530	S.RES ERJ2GEJ 100 X (10)	B	39/71.1
R89	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	67.1/83.2
R90	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	54.5/73.3
R91	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	95.9/45.4
R92	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	86.7/41.5
R93	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	35.1/105.6
R94	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	28/98.3
R97	7410001170	S.ARR EXB28V470JX	B	42.9/49.9
R98	7030005530	S.RES ERJ2GEJ 100 X (10)	B	70.7/90.4
R99	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	70.7/91.3
R100	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	69.1/92.3
R101	7030004980	S.RES ERJ2GEJ 101 X (100)	B	86.7/43.7
R102	7030004980	S.RES ERJ2GEJ 101 X (100)	B	31.5/105.6
R103	7030004980	S.RES ERJ2GEJ 101 X (100)	B	27.8/103.9
R104	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	86.7/45.4
R105	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	31.5/109
R106	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	27.8/105.6
R107				

[MAIN/MAIN-A UNIT]

Table with 5 columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains parts R146 through R263.

[MAIN/MAIN-A UNIT]

Table with 5 columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains parts R264 through R430.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R431	7410001150	S.ARR EXB28V471JX	T	17.9/40.3
R432	7410001140	S.ARR EXB28V104JX	T	15.2/48.2
R433	7410001150	S.ARR EXB28V471JX	T	39.6/23
R434	7410000750	S.ARR EXB-V4V 104JV (100K)	B	36.8/48.2
R435	7410001140	S.ARR EXB28V104JX	B	39.1/47.8
R436	7410001140	S.ARR EXB28V104JX	B	44.3/41.2
R438	7410001140	S.ARR EXB28V104JX	B	34.4/47.7
R443	7030005000	S.RES ERJ2GEJ 471 X (470)	T	60.4/59.2
R444	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/33.6
R445	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/36.1
R446	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/37.4
R447	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	50.2/19.2
R448	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	49.3/19.2
R449	7030005170	S.RES ERJ2GEJ 474 X (470K)	T	39.5/19.2
R450	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	50.2/16.5
R453	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	52/13.9
R454	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	94.9/2.7
R455	7030005010	S.RES ERJ2GEJ 681 X (680)	B	124.9/2.7
R456	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	109.9/2.7
R467	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	38/44.6
R468	7410001140	S.ARR EXB28V104JX	B	31.8/48.5
R469	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	32.6/44.6
R470	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	10.9/20.2
R471	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	47.7/44.2
R472	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	4.8/36.1
R473	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.2/44.6
R474	7030005530	S.RES ERJ2GEJ 100 X (10)	B	15.5/55.3
R475	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	9/56.2
R476	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	15/53.5
R477	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	15/52.6
R478	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	9.1/54.7
R479	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	64.2/69.6
R480	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	15.6/61.5
R481	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	16.5/59.9
R482	7410001150	S.ARR EXB28V471JX	T	19.6/45.1
R483	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	31.2/56.6
R484	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	28.8/50.9
R485	7410001150	S.ARR EXB28V471JX	T	67.3/96.9
R486	7410001150	S.ARR EXB28V471JX	T	64.8/105.4
R487	7410001150	S.ARR EXB28V471JX	T	72.8/105.4
R488	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	T	9.5/54.9
R489	7030004980	S.RES ERJ2GEJ 101 X (100)	B	24.1/58.7
R490	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	28.2/58.4
R491	7030004980	S.RES ERJ2GEJ 101 X (100)	B	26.1/51.2
R492	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	29.8/58.8
R493	7030010040	S.RES ERJ2GEJ-JPW	T	11.3/19
R494	7030005000	S.RES ERJ2GEJ 471 X (470)	T	73.2/98.2
R495	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	55.2/55.3
R496	7030005070	S.RES ERJ2GEJ 683 X (68K)	T	52.7/56.2
R497	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	52.7/55.3
R498	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	61.4/103.1
R499	7030004980	S.RES ERJ2GEJ 101 X (100)	T	24.4/57
R500	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	21.2/57.5
R501	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	22.8/53.8
R502	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	28/55
R503	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	55.5/58.4
R505	7030010040	S.RES ERJ2GEJ-JPW	T	113.4/18.3
R506	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	113.4/19.3
R507	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	115/19.3
R508	7030010040	S.RES ERJ2GEJ-JPW	T	144.6/119.6
R509	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	33.3/15.2
R510	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	29/14.1
R511	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	29.1/18.5
R512	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.8/18.5
R513	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.3/90.4
R530	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	62.5/66.3
R531	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	64.6/78.2
R532	7030005000	S.RES ERJ2GEJ 471 X (470)	B	45.1/37.1
R533	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	57.2/18.4
R534	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	45.3/58.6
R535	7030004980	S.RES ERJ2GEJ 101 X (100)	B	55.8/55.3
R536	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	55.8/58.6
R537	7030010040	S.RES ERJ2GEJ-JPW	B	41.6/41.2
R539	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	64.2/71.2
R540	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	90.6/17.9
R541	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	28.9/55
R542	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	39.9/72.7
R543	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	40.8/71.1
C1	4030017420	S.CER ECJ0EC1H470J	B	120.7/39
C2	4030017420	S.CER ECJ0EC1H470J	B	22.9/78.1
C3	4030016930	S.CER ECJ0EB1A104K	B	130.8/50.2
C4	4030017420	S.CER ECJ0EC1H470J	B	122.2/37.1
C5	4030017420	S.CER ECJ0EC1H470J	B	21.7/77.1
C6	4030016930	S.CER ECJ0EB1A104K	B	52.4/77.9
C7	4030017420	S.CER ECJ0EC1H470J	B	123.1/37.1
C8	4030017420	S.CER ECJ0EC1H470J	B	21.7/75.5
C9	4030017460	S.CER ECJ0EB1E102K	T	17.6/59
C10	4030016930	S.CER ECJ0EB1A104K	B	55.7/77.9
C11	4030016930	S.CER ECJ0EB1A104K	B	124/37.1
C12	4030016930	S.CER ECJ0EB1A104K	B	22.1/74.3
C13	4030016930	S.CER ECJ0EB1A104K	B	55.6/80.7
C14	4030017460	S.CER ECJ0EB1E102K	T	16.1/59.9
C15	4030016930	S.CER ECJ0EB1A104K	T	62.4/67.5
C16	4030017420	S.CER ECJ0EC1H470J	T	56.2/64.5
C17	4030016930	S.CER ECJ0EB1A104K	T	115.6/40.6
C18	4030017700	S.CER ECJ0EC1H151J	B	62.4/71.2
C19	4030016930	S.CER ECJ0EB1A104K	B	22.9/80.3
C20	4550006250	S.TAN TEESVA 1A 106M8R	B	115.4/37.5
C21	4550006250	S.TAN TEESVA 1A 106M8R	B	21.3/80.5
C22	4030016930	S.CER ECJ0EB1A104K	B	50/77.9
C23	4030016930	S.CER ECJ0EB1A104K	T	57.8/52.6
C24	4030016930	S.CER ECJ0EB1A104K	B	50.3/81.1
C25	4030016930	S.CER ECJ0EB1A104K	B	54.4/81.1

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C26	4030017460	S.CER ECJ0EB1E102K	B	117.8/39.2
C27	4030017460	S.CER ECJ0EB1E102K	B	23.8/80.3
C28	4030016930	S.CER ECJ0EB1A104K	B	53.3/77.9
C30	4030017460	S.CER ECJ0EB1E102K	B	59.8/67
C31	4030016930	S.CER ECJ0EB1A104K	T	60.5/53
C32	4030017590	S.CER ECJ0EC1H070C	T	38.4/79.1
C33	4030016930	S.CER ECJ0EB1A104K	T	58.9/67
C34	4030017570	S.CER ECJ0EC1H040B	B	37.2/78.7
C35	4030016930	S.CER ECJ0EB1A104K	B	38.3/76
C36	4030017500	S.CER ECJ0EC1H560J	B	37.2/79.6
C37	4030016930	S.CER ECJ0EB1A104K	B	48.4/79.8
C38	4030016930	S.CER ECJ0EB1A104K	B	69.8/78.2
C39	4030017360	S.CER ECJ0EC1H030B	B	71.4/77.3
C40	4030017760	S.CER ECJ0EB1H222K	B	68.2/77.3
C41	4030018860	S.CER ECJ0EB0J105K	B	31/58.2
C42	4030017760	S.CER ECJ0EB1H222K	B	68.2/76.4
C43	4030016930	S.CER ECJ0EB1A104K	B	55.6/49
C44	4030018860	S.CER ECJ0EB0J105K	B	35.7/56.4
C45	4030016950	S.CER ECJ0EB1A473K	B	34.5/55.2
C47	4030017460	S.CER ECJ0EB1E102K	B	64.6/77.3
C48	4030016930	S.CER ECJ0EB1A104K	T	52.7/54.4
C49	4030018860	S.CER ECJ0EB0J105K	B	15.6/58.3
C50	4030016930	S.CER ECJ0EB1A104K	B	130.8/48.4
C51	4030017620	S.CER ECJ0EC1H100C	B	125.1/45.3
C52	4030017420	S.CER ECJ0EC1H470J	B	120.6/48.8
C53	4030017420	S.CER ECJ0EC1H470J	B	32.7/78.4
C54	4030017660	S.CER ECJ0EC1H330J	B	32.7/77.3
C56	4030016950	S.CER ECJ0EB1A473K	B	31.9/59.1
C59	4030017430	S.CER ECJ0EC1H101J	B	32.7/76.4
C60	4030017620	S.CER ECJ0EC1H100C	B	32.3/72.9
C61	4030018900	S.CER ECJ0EB0J474K	B	18/63.8
C62	4030016930	S.CER ECJ0EB1A104K	B	33.6/55.2
C63	4030016930	S.CER ECJ0EB1A104K	T	55.5/61.6
C66	4030017430	S.CER ECJ0EC1H101J	B	123.5/48.4
C67	4030017460	S.CER ECJ0EB1E102K	B	67.5/87.7
C69	4030016930	S.CER ECJ0EB1A104K	B	29.8/63
C70	4030017460	S.CER ECJ0EB1E102K	B	64.3/79.4
C71	4030016930	S.CER ECJ0EB1A104K	B	57.6/43.3
C72	4030018910	S.CER C1608 JB 0J 475K-T	B	29.3/61.9
C73	4030017460	S.CER ECJ0EB1E102K	B	96.3/45.4
C75	4030017460	S.CER ECJ0EB1E102K	B	36/105.6
C77	4030016930	S.CER ECJ0EB1A104K	T	53.9/57.7
C78	4030017460	S.CER ECJ0EB1E102K	B	119.7/50.4
C79	4030017460	S.CER ECJ0EB1E102K	B	34.3/79.5
C80	4030017350	S.CER ECJ0EC1H020B [USA-01] ECJ0EC1H020B [EXP-01] ECJ0EC1H020B [CHN-02] ECJ0EC1H1R5B [USA-02] ECJ0EC1H1R5B [EXP-01]	B	102.4/45.6
C81	4030017350	S.CER ECJ0EC1H020B [USA-01] ECJ0EC1H020B [EXP-01] ECJ0EC1H020B [CHN-02] ECJ0EC1H1R5B [USA-02] ECJ0EC1H1R5B [EXP-02] ECJ0EC1H020B [EUR-01]	B	42.2/99.6
C82	4550006250	S.TAN TEESVA 1A 106M8R	B	61.1/79.2
C83	4030017460	S.CER ECJ0EB1E102K	B	71.7/86.7
C84	4030017420	S.CER ECJ0EC1H470J	B	74.7/81.1
C85	4030017590	S.CER ECJ0EC1H070C	B	56/43.3
C86	4030016930	S.CER ECJ0EB1A104K	B	51.7/47.1
C87	4030018910	S.CER C1608 JB 0J 475K-T	B	54.3/48.4
C88	4030017770	S.CER ECJ0EB1E332K	B	86.7/40.6
C89	4030017770	S.CER ECJ0EB1E332K	B	28/99.3
C90	4030017680	S.CER ECJ0EC1H820J	B	69.1/86.7
C91	4030016930	S.CER ECJ0EB1A104K	T	60.7/66.3
C92	4030016790	S.CER ECJ0EB1C103K	B	72.7/88
C93	4030017460	S.CER ECJ0EB1E102K	B	70/87.9
C96	4030018910	S.CER C1608 JB 0J 475K-T	B	49.2/48.9
C97	4030016930	S.CER ECJ0EB1A104K	B	57.4/50.6
C98	4030017460	S.CER ECJ0EB1E102K	B	35.1/107.3
C99	4030017460	S.CER ECJ0EB1E102K	B	40.8/72.7
C101	4030017620	S.CER ECJ0EC1H100C	B	37.7/62.3
C102	4550000560	S.TAN TEESVA 1E 474M8R	B	84.7/42.7
C103	4550003260	S.TAN TEESVA 1V 684M8R	B	26.2/100.4
C104	4030016930	S.CER ECJ0EB1A104K	B	39.9/74.5
C105	4030017520	S.CER ECJ0EC1H0R3B	B	103.2/47.8
C106	4030017340	S.CER ECJ0EC1H010B	B	47/100.1
C107	4030017590	S.CER ECJ0EC1H070C	B	72.3/89.5
C108	4030017460	S.CER ECJ0EB1E102K	B	94.5/47.1
C109	4030017530	S.CER ECJ0EC1HOR5B	B	101.9/48.3
C110	4030017530	S.CER ECJ0EC1HOR5B	B	46.5/101.4
C111	4030016970	S.CER ECJ0EB1C103K	B	70.7/92.3
C112	4550000270	S.TAN TEESVA 1E 474M8R	B	84.7/42.9
C113	4550000270	S.TAN TEESVA 1E 474M8R	B	26.2/105.6
C114	4030017520	S.CER ECJ0EC1HOR3B	B	103.2/49.6
C115	4030017550	S.CER ECJ0EC1H1R5B [USA-01] ECJ0EC1H1R5B [EXP-01] ECJ0EC1H1R5B [CHN-02] ECJ0EC1H010B [USA-02] ECJ0EC1H010B [EXP-02] ECJ0EC1H1R5B [EUR-01]	B	47/102.8
C116	4030017460	S.CER ECJ0EB1E102K	B	70.7/89.5
C117	4030016790	S.CER ECJ0EB1C103K	B	69.1/90.4
C118	4030016790	S.CER ECJ0EB1C103K	B	69.1/91.3
C121				

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C136	4030016930	S.CER ECJ0EB1A104K	B	50.4/36.8
C137	4030017620	S.CER ECJ0EC1H100C	B	56.2/38.3
C138	4030017640	S.CER ECJ0EC1H150J	B	75.8/101.1
C139	4030017650	S.CER ECJ0EC1H270J	B	59.4/91.9
C140	4030016930	S.CER ECJ0EB1A104K	B	55.3/36.7
C141	4550000270	S.TAN TEESVA 1E 474M8R	B	82.6/47.9
C144	4550006250	S.TAN TEESVA 1A 106M8R	B	94.7/41.5
C145	4030017420	S.CER ECJ0EC1H470J	B	50.4/38.5
C146	4030017460	S.CER ECJ0EB1E102K	B	56.2/35.1
C147	4550006250	S.TAN TEESVA 1A 106M8R	B	33.3/100.4
C149	4030016790	S.CER ECJ0EB1C103K	B	69.4/95.7
C150	4030016790	S.CER ECJ0EB1C103K	B	65.7/97.3
C151	4030017610	S.CER ECJ0EC1H090C	B	61.7/97.1
C152	4030016930	S.CER ECJ0EB1A104K	B	55.3/32.4
C153	4030017380	S.CER ECJ0EC1H050B	B	49.8/34.9
C154	4030017420	S.CER ECJ0EC1H470J	B	26.5/120.6
C155	4030017460	S.CER ECJ0EB1E102K	B	26.5/123.2
C156	4030017420	S.CER ECJ0EC1H470J	B	28.5/111.5
C157	4030017460	S.CER ECJ0EB1E102K	B	28/117.2
C158	4030017420	S.CER ECJ0EC1H470J	B	81.7/62.1
C159	4030017420	S.CER ECJ0EC1H470J	B	81.7/53.6
C160	4030016790	S.CER ECJ0EB1C103K	B	65.7/104.4
C161	4030016790	S.CER ECJ0EB1C103K	B	62.7/98.9
C162	4030016930	S.CER ECJ0EB1A104K	B	81.7/67.1
C163	4030016930	S.CER ECJ0EB1A104K	B	81.7/58.6
C164	4030016930	S.CER ECJ0EB1A104K	B	49.5/36.8
C165	4030017460	S.CER ECJ0EB1E102K	B	81.7/66.2
C166	4030017460	S.CER ECJ0EB1E102K	B	81.7/57.7
C167	4030017460	S.CER ECJ0EB1E102K	B	97.3/45.4
C168	4030017380	S.CER ECJ0EC1H050B	B	32.6/124.3
C169	4030017620	S.CER ECJ0EC1H100C [USA-01]	B	30.8/124.4
		S.CER ECJ0EC1H100C [EXP-01]		
		S.CER ECJ0EC1H100C [CHN-02]		
		S.CER ECJ0EC1H040B [USA-02]		
		S.CER ECJ0EC1H040B [EXP-02]		
		S.CER ECJ0EC1H100C [EUR-01]		
C170	4030017580	S.CER ECJ0EC1H060C	B	30.6/114.4
C171	4030017630	S.CER ECJ0EC1H120J [USA-01]	B	30.6/115.3
		S.CER ECJ0EC1H120J [EXP-01]		
		S.CER ECJ0EC1H120J [CHN-02]		
		S.CER ECJ0EC1H050B [USA-02]		
		S.CER ECJ0EC1H050B [EXP-02]		
		S.CER ECJ0EC1H120J [EUR-01]		
C172	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	87.8/65.7
		S.CER ECJ0EC1H060C [EXP-01]		
		S.CER ECJ0EC1H060C [CHN-02]		
		S.CER ECJ0EC1H040B [USA-02]		
		S.CER ECJ0EC1H040B [EXP-02]		
C173	4030017630	S.CER ECJ0EC1H120J [USA-01]	B	86.5/65.3
		S.CER ECJ0EC1H120J [EXP-01]		
		S.CER ECJ0EC1H120J [CHN-02]		
		S.CER ECJ0EC1H100C [USA-02]		
		S.CER ECJ0EC1H100C [EXP-02]		
		S.CER ECJ0EC1H120J [EUR-01]		
C174	4030017590	S.CER ECJ0EC1H070C [USA-01]	B	85.7/55
		S.CER ECJ0EC1H070C [EXP-01]		
		S.CER ECJ0EC1H070C [CHN-02]		
		S.CER ECJ0EC1H060C [USA-02]		
		S.CER ECJ0EC1H060C [EXP-02]		
C175	4030017390	S.CER ECJ0EC1H180J [USA-01]	B	85.7/55.9
		S.CER ECJ0EC1H180J [EXP-01]		
		S.CER ECJ0EC1H180J [CHN-02]		
		S.CER ECJ0EC1H070C [USA-02]		
		S.CER ECJ0EC1H070C [EXP-02]		
		S.CER ECJ0EC1H180J [EUR-01]		
C176	4030018860	S.CER ECJ0EB0J105K	T	62.9/51
C177	4030017380	S.CER ECJ0EC1H050B [USA-01]	B	35.6/120.7
		S.CER ECJ0EC1H050B [EXP-01]		
		S.CER ECJ0EC1H050B [CHN-02]		
		S.CER ECJ0EC1H020B [USA-02]		
		S.CER ECJ0EC1H020B [EXP-02]		
		S.CER ECJ0EC1H050B [EUR-01]		
C178	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	32/112.2
		S.CER ECJ0EC1H060C [EXP-01]		
		S.CER ECJ0EC1H060C [CHN-02]		
		S.CER ECJ0EC1H030B [USA-02]		
		S.CER ECJ0EC1H030B [EXP-02]		
		S.CER ECJ0EC1H060C [EUR-01]		
C179	4030017420	S.CER ECJ0EC1H470J	T	14.9/129.1
C180	4030017600	S.CER ECJ0EC1H080C [USA-01]	B	91.5/62
		S.CER ECJ0EC1H080C [EXP-01]		
		S.CER ECJ0EC1H080C [CHN-02]		
		S.CER ECJ0EC1H040B [USA-02]		
		S.CER ECJ0EC1H040B [EXP-02]		
		S.CER ECJ0EC1H080C [EUR-01]		
C181	4030017590	S.CER ECJ0EC1H070C [USA-01]	B	87.1/52.9
		S.CER ECJ0EC1H070C [EXP-01]		
		S.CER ECJ0EC1H070C [CHN-02]		
		S.CER ECJ0EC1H050B [USA-02]		
		S.CER ECJ0EC1H050B [EXP-02]		
		S.CER ECJ0EC1H070C [EUR-01]		
C182	4030016790	S.CER ECJ0EB1C103K	B	63.1/104.4
C183	4030017420	S.CER ECJ0EC1H470J	T	14.9/131.3
C184	4030017620	S.CER ECJ0EC1H100C	B	34.9/124.3
C185	4030017630	S.CER ECJ0EC1H120J [USA-01]	B	35.4/115.3
		S.CER ECJ0EC1H120J [EXP-01]		
		S.CER ECJ0EC1H120J [CHN-02]		
		S.CER ECJ0EC1H090C [USA-02]		
		S.CER ECJ0EC1H090C [EXP-02]		
C186	4030017630	S.CER ECJ0EC1H120J [USA-01]	B	98.2/48.8
		S.CER ECJ0EC1H470J [EXP-01]		

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C187	4030017540	S.CER ECJ0EC1HR75B [USA-01]	B	89.4/66.8
	4030017540	S.CER ECJ0EC1HR75B [EXP-01]		
	4030017540	S.CER ECJ0EC1HR75B [CHN-02]		
	4030017530	S.CER ECJ0EC1HOR5B [USA-02]		
	4030017530	S.CER ECJ0EC1HOR5B [EXP-02]		
	4030017540	S.CER ECJ0EC1HR75B [EUR-01]		
C188	4030017360	S.CER ECJ0EC1H030B	B	90.6/66.6
C189	4030017340	S.CER ECJ0EC1H010B	B	87/57.2
C190	4030017350	S.CER ECJ0EC1H020B [USA-01]	B	87/58.2
	4030017350	S.CER ECJ0EC1H020B [EXP-01]		
	4030017350	S.CER ECJ0EC1H020B [CHN-02]		
	4030017340	S.CER ECJ0EC1H010B [USA-02]		
	4030017340	S.CER ECJ0EC1H010B [EXP-02]		
	4030017350	S.CER ECJ0EC1H020B [EUR-01]		
C191	4030017380	S.CER ECJ0EC1H050B [USA-01]	B	89.4/65.7
	4030017380	S.CER ECJ0EC1H050B [EXP-01]		
	4030017380	S.CER ECJ0EC1H050B [CHN-02]		
	4030017640	S.CER ECJ0EC1H150J [USA-02]		
	4030017640	S.CER ECJ0EC1H150J [EXP-02]		
	4030017380	S.CER ECJ0EC1H050B [EUR-01]		
C192	4030017640	S.CER ECJ0EC1H150J [USA-01]	B	90.5/56.3
	4030017640	S.CER ECJ0EC1H150J [EXP-01]		
	4030017640	S.CER ECJ0EC1H150J [CHN-02]		
	4030017600	S.CER ECJ0EC1H080C [USA-02]		
	4030017600	S.CER ECJ0EC1H080C [EXP-02]		
	4030017640	S.CER ECJ0EC1H150J [EUR-01]		
C193	4030017460	S.CER ECJ0EB1E102K	B	61.4/107.1
C194	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	36.8/122.8
	4030017580	S.CER ECJ0EC1H060C [EXP-01]		
	4030017580	S.CER ECJ0EC1H060C [CHN-02]		
	4030017600	S.CER ECJ0EC1H080C [USA-02]		
	4030017600	S.CER ECJ0EC1H080C [EXP-02]		
	4030017580	S.CER ECJ0EC1H060C [EUR-01]		
C195	4030017630	S.CER ECJ0EC1H120J	B	40.1/120.7
C196	4030017620	S.CER ECJ0EC1H100C	B	37.6/114.4
C197	4030017640	S.CER ECJ0EC1H150J	B	41/112.2
C198	4030016790	S.CER ECJ0EB1C103K	B	60.5/107.1
C200	4030017570	S.CER ECJ0EC1H040B	B	92.4/64.3
C201	4030017620	S.CER ECJ0EC1H100C	B	96/62
C202	4030017610	S.CER ECJ0EC1H090C	B	93.1/55.4
C203	4030017390	S.CER ECJ0EC1H180J	B	96.3/52.9
C204	4550006250	S.TAN TEESVA 1A 106M8R	T	81.7/17
C205	4550006250	S.TAN TEESVA 1A 106M8R	T	85.1/17
C206	4550006250	S.TAN TEESVA 1A 106M8R	T	88.8/16.7
C208	4030017490	S.CER C1608 JB 1A 105K-T	T	80/16.6
C209	4030017490	S.CER C1608 JB 1A 105K-T	T	83.4/16.6
C210	4030017490	S.CER C1608 JB 1A 105K-T	T	86.9/16.3
C211	4030016930	S.CER ECJ0EB1A104K	B	38.3/120.7
C212	4030016790	S.CER ECJ0EB1C103K	B	39.2/112.2
C213	4030017660	S.CER ECJ0EC1H330J	B	68.5/106.1
C214	4030017460	S.CER ECJ0EB1E102K	B	66.8/107
C215	4030017530	S.CER ECJ0EC1HOR5B	B	41.9/120.7
C216	4030017520	S.CER ECJ0EC1HOR3B	B	42.6/115.7
C217	4030017460	S.CER ECJ0EB1E102K	B	39.2/120.7
C218	4030017460	S.CER ECJ0EB1E102K	B	40.1/112.2
C219	4030016790	S.CER ECJ0EB1C103K	B	94.2/62
C220	4030017530	S.CER ECJ0EC1HOR5B	B	98.2/61.3
C221	4030016790	S.CER ECJ0EB1C103K	B	94.5/52.9
C222	4030017530	S.CER ECJ0EC1HOR5B	B	98.2/57.1
C224	4030017460	S.CER ECJ0EB1E102K	B	95.1/62
C225	4030017460	S.CER ECJ0EB1E102K	B	95.4/52.9
C228	4030017490	S.CER C1608 JB 1A 105K-T	T	79.8/24.4
C229	4030017490	S.CER C1608 JB 1A 105K-T	T	83.3/24.4
C230	4030017490	S.CER C1608 JB 1A 105K-T	T	86.8/24.4
C231	4550005980	S.TAN TEESVA 1A 475M8R	T	81.6/25.6
C232	4550005980	S.TAN TEESVA 1A 475M8R	T	85.1/25.6
C233	4550005980	S.TAN TEESVA 1A 475M8R	T	88.5/25.6
C235	4030017030	S.CER ECJ0EB1A273K	T	41/55
C236	4030017730	S.CER ECJ0EB1E471K	B	100.5/55
C237	4030017460	S.CER ECJ0EB1E102K	B	100.5/60.4
C238	4030017730	S.CER ECJ0EB1E471K	B	44.9/112.6
C239	4030017460	S.CER ECJ0EB1E102K	B	44.9/118
C240	4510008540	S.ELE EEE1CA100SR	T	95.1/22.3
C241	4030017350	S.CER ECJ0EC1H020B	B	68.3/120.9
C242	4030016790	S.CER ECJ0EB1C103K	B	68.7/111.2
C243	4030017460	S.CER ECJ0EB1E102K	B	70.3/106.1
C244	4030016790	S.CER ECJ0EB1C103K	B	70.3/107
C245	4030017460	S.CER ECJ0EB1E102K	B	91.5/59.6
C246	4030017580	S.CER ECJ0EC1H060C	B	46.9/113.5
C247	4030017460	S.CER ECJ0EB1E102K	B	43.1/109.1
C248	4030017460	S.CER ECJ0EB1E102K	B	36/117.8
C249	4030017420	S.CER ECJ0EC1H470J	B	48.1/109.1
C250	4030017380	S.CER ECJ0EC1H050B	B	103.7/58.7
C251	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	102.6/55.9
		S.CER ECJ0EC1H060C [EXP-01]		
		S.CER ECJ0EC1H060C [CHN-02]		
		S.CER ECJ0EC1H080C [USA-02]		
		S.CER ECJ0EC1H080C [EXP-02]		
		S.CER ECJ0EC1H080C [EUR-01]		
C252	4030017460	S.CER ECJ0EB1E102K	B	100.5/50
C253	4030017380	S.CER ECJ0EC1H050B	B	48/116.2
C254	4030017460	S.CER ECJ0EB1E102K	B	103.7/53.4
C255	4030016930	S.CER ECJ0EB1A104K	T	42.1/50.6
C256	4030017640	S.CER ECJ0EC1H150J	T	43.1/55
C257	4030016790	S.CER ECJ0EB1C103K	T	34.5/58.8
C258	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	59.6/117.8
		S.CER ECJ0EC1H060C [EXP-01]		
		S.CER ECJ0EC1H060C [CHN-02]		
		S.CER ECJ0EC1H100C [USA-02]		
		S.CER ECJ0EC1H100C [EXP-02]		
C259	4030017580	S.CER ECJ0EC1H060C [EUR-01]	T	48.5/46.4
C260	4030017460	S.CER ECJ0EB1E102K	B	46.5/105.4
C262	4030016930	S.CER ECJ0EB1A104K	T	69.2/57.5
C263	4030017420	S.CER ECJ0EC1H470J	B	60.5/126.1

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[MAIN/MAIN-A UNIT]

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains multiple rows of part specifications and descriptions.

[MAIN/MAIN-A UNIT]

Table with columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains multiple rows of part specifications and descriptions, including reference to other units like C326-C400.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[MAIN/MAIN-A UNIT]

Table with 6 columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists various component parts and their specifications.

[MAIN/MAIN-A UNIT]

Table with 6 columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Lists various component parts and their specifications.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

[MAIN/MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C581	4030018910	S.CER C1608 JB 0J 475K-T	B	46.3/60.9
C582	4030018910	S.CER C1608 JB 0J 475K-T	T	69.7/98.2
C583	4030016930	S.CER ECJ0EB1A104K	B	46.3/58.6
C584	4030016790	S.CER ECJ0EB1C103K	B	54.9/55.3
C585	4030016930	S.CER ECJ0EB1A104K	B	54.9/58.6
C586	4030017730	S.CER ECJ0EB1E471K	B	54.9/56.9
C587	4030016790	S.CER ECJ0EB1C103K	B	52.3/59.8
C588	4030018910	S.CER C1608 JB 0J 475K-T	T	70.9/98.2
C601	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-01]	T	97.6/111.3
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-01]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [CHN-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-02]		
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [EUR-01]		
C610	4030018080	S.CER ECJ0EB1H182K	T	63.3/69.6
C612	4030017460	S.CER ECJ0EB1E102K	B	55.7/29.9
C614	4030017730	S.CER ECJ0EB1E471K	B	29/13.2
C615	4030017650	S.CER ECJ0EC1H270J	B	63.2/117.5
C616	4030017460	S.CER ECJ0EB1E102K	T	93.8/64.6
C617	4030017420	S.CER ECJ0EC1H470J	T	60/64.8
C618	4030017420	S.CER ECJ0EC1H470J	T	64.9/53.3
C619	4030017420	S.CER ECJ0EC1H470J	T	74.2/107.7
C620	4030017420	S.CER ECJ0EC1H470J	T	73.7/96.8
C621	4030017420	S.CER ECJ0EC1H470J	T	31.5/2.8
C622	4030018910	S.CER C1608 JB 0J 475K-T	T	64.3/73.2
C623	4030017330	S.CER ECJ0EF1C104Z	B	126.8/16
C624	4030017330	S.CER ECJ0EF1C104Z	B	126.3/20.3
C625	4030017460	S.CER ECJ0EB1E102K	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23
C630	4030017420	S.CER ECJ0EC1H470J [EUR-01] only	T	106.4/106.8
C631	4030017580	S.CER ECJ0EC1H060C [EUR-01] only	T	113.5/108.3
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	14.8/15.6
J4	6510023511	S.CON 28FLT-SM2-TB(LF)(SN)	T	70.8/102
J5	6510023110	CON 3008L-8P8C <KIN>		
J6	6450000140	CON HSJ0807-01-010		
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	59.1/15.6
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.6/14.3
J10	6510004910	CON NR-DS-E 01 <NIP>		
J11	6510004910	CON NR-DS-E 01 <NIP>		
DS1	5040002961	S.LED SML-A12MT T86J	B	96/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126/1.1
DS3	5040003000	S.LED SML-A12UT-T86	B	111/1.1
MF1	2710000870	FAN AFB0512HB-7X22 <USE>HK		
W1	7120000470	JUM ERDS2T0		
W2	7120000470	JUM ERDS2T0		
W4	8900017520	CAB OPC-1783		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	30.4/60.5
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.8/39.3
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC500	1130009121	S.IC S1D15206F00A200	B	69.4/35.9
IC501	1110005771	S.IC S-80942CNMC-G9CT2G	B	105.3/24
IC502	1140014581	S.IC UPD78F1153GK(R)-GAK-AX (3063C-2)	B	101.3/38.7
IC503	1110005350	S.IC NJM2870F05-TE1-#FZZB	B	47.2/30.5
IC506	1140013200	S.IC CD4053BPWR	B	39.1/31.7
IC508	1110002751	S.IC TA75S01F(TE85R,F)	B	143/18
IC509	1110006770	S.IC TDA8547TS/N	B	28.4/55.8
Q500	1590001050	S.TRA DTC114TUA T106	B	148.4/41.4
Q501	1590001050	S.TRA DTC114TUA T106	B	161.8/34.6
Q502	1590001050	S.TRA DTC114TUA T106	B	161.8/41.4
Q503	1590001050	S.TRA DTC114TUA T106	B	148.4/34.6
Q504	1590001050	S.TRA DTC114TUA T106	B	91.4/45.6
Q506	1590001190	S.TRA XP6501-(TX).AB	B	32.9/48.1
Q508	1520000460	S.TRA 25B1132 T100 R	B	36.9/52.6
Q510	1590001050	S.TRA DTC114TUA T106	B	152.8/53.2
Q511	1590001050	S.TRA DTC114TUA T106	B	166.2/53
Q513	1590001060	S.TRA DTA114TUA T106	B	168.7/53
Q514	1590001060	S.TRA DTA114TUA T106	B	160.1/49.6
Q515	1590001060	S.TRA DTA114TUA T106	B	155.3/53.2
Q516	1590001060	S.TRA DTA114TUA T106	B	145.3/49.9
Q517	1590001050	S.TRA DTC114TUA T106	B	160.1/46.9
Q518	1590001050	S.TRA DTC114TUA T106	B	145.3/47
D503	1790001261	S.DIO MA2S077G0L	B	112.3/33.9
D504	1790001251	S.DIO MA2S1110GL	B	95/45.8
D505	1790001450	S.DIO RB160L-40 TE-25	B	41.8/26.6
D506	1790001450	S.DIO RB160L-40 TE-25	B	63.2/6.6
D507	1790000951	S.ZEN MAZ8056GML	B	160.8/29.9
D508	1750000370	S.DIO DA221 TL	B	153.2/27.7
D509	1750000370	S.DIO DA221 TL	B	166.4/28.1
D510	1790001251	S.DIO MA2S1110GL	B	43.2/51.5
D511	1790001251	S.DIO MA2S1110GL	B	115.8/44.9
D512	1790001251	S.DIO MA2S1110GL	B	65.3/10.2
D513	1790001251	S.DIO MA2S1110GL	B	36.3/24.4
X501	6050012680	S.XTA CR-858(SMD-49/18.432 MHz) <JJE>	B	113.1/28.2
L500	6200002861	S.COI NLV25T-4R7J	B	106/17.9
L501	6200003640	S.COI MLF1608E 100K-T	B	161.5/17.9
L502	6200002861	S.COI NLV25T-4R7J	B	85.9/39.3
R500	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	83.5/43.7
R501	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	87.4/47.5
R506	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	157.7/36.3
R507	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	167.9/44.3
R508	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	167.9/37.7
R509	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	155.4/44.5
R510	7030005530	S.RES ERJ2GEJ 100 X (10)	B	106.8/30.5
R511	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	105.8/30.5
R512	7510001730	S.THE ERTJOEP 473J	B	103.1/48.9
R513	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	102.2/49.8
R514	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	113.1/32.2
R515	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	112.3/35.9
R516	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	103.2/26.4
R517	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	110.3/33
R518	7410001140	S.ARR EXB28V104JX	B	106.9/47.1
R519	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	105.4/48.4
R520	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	96.1/30.7
R523	7030005710	S.RES ERJ2GEJ 121 X (120)	B	114.1/37.6
R524	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	104.4/48.4
R525	7030005710	S.RES ERJ2GEJ 121 X (120)	B	113.2/37.6
R526	7030005710	S.RES ERJ2GEJ 121 X (120)	B	112.3/37.6
R532	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	33.2/45.7
R533	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	31.2/47.5
R534	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	32.2/45.7
R536	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	158.7/30.8
R538	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	155.7/29.3
R539	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	27.6/51.1
R540	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	26.6/49.9
R541	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	139.1/31.9
R542	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	26.1/51.1
R543	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	137.3/31.5
R544	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	164.9/29.3
R545	7030004980	S.RES ERJ2GEJ 101 X (100)	B	140.3/19.9
R546	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	164.8/27.7
R547	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	155.7/27.7
R548	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	159.8/28
R549	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	32/51.3
R551	7210003050	VAR EVU-F2FKFK B14 (10KB)		
R552	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	142.3/20.3
R553	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	144.6/20.1
R554	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.6/53.4
R556	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	161.1/19
R557	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	29.2/51.3
R558	7030008370	S.RES ERJ2GEJ 561 X (560)	B	169.1/51.1
R559	7030008370	S.RES ERJ2GEJ 561 X (560)	B	155.7/51
R560	7030010040	S.RES ERJ2GEJ-JPW	B	139.4/17.1
R562	7030003720	S.RES ERJ3GEYJ 224 V (220K)	B	86.2/43.7
R563	7030003720	S.RES ERJ3GEYJ 224 V (220K)	B	88.2/44.9
R564	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	153/19.8
R566	7030008370	S.RES ERJ2GEJ 561 X (560)	B	161.9/49.1
R567	7030008370	S.RES ERJ2GEJ 561 X (560)	B	148.3/49.9
R568	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	87.4/16.9
R570	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	103/24.8
R571	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	45.8/51.5
R572	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.2/50.3
R573	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.3/33

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount



[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R574	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.3/32.1
R575	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	34.7/24.6
R576	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	62.6/12.8
C500	4030016930	S.CER ECJ0EB1A104K	B	79.3/47.9
C501	4030016930	S.CER ECJ0EB1A104K	B	80.8/47.4
C502	4030016930	S.CER ECJ0EB1A104K	B	80.8/46.5
C503	4030016930	S.CER ECJ0EB1A104K	B	80.4/45.3
C504	4030016930	S.CER ECJ0EB1A104K	B	81.3/45.3
C505	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/41
C506	4030017460	S.CER ECJ0EB1E102K	B	83.9/39.8
C507	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/39.5
C508	4030017730	S.CER ECJ0EB1E471K	B	146.4/41.2
C509	4030017730	S.CER ECJ0EB1E471K	B	159.8/34.4
C510	4030017730	S.CER ECJ0EB1E471K	B	159.9/41.2
C511	4030017730	S.CER ECJ0EB1E471K	B	146.4/34.4
C512	4030017030	S.CER ECJ0EB1A273K	B	104.7/21.7
C513	4030017630	S.CER ECJ0EC1H120J	B	106.4/29.3
C514	4030017420	S.CER ECJ0EC1H470J	B	157.7/44.5
C515	4030016790	S.CER ECJ0EB1C103K	B	103.5/50.2
C516	4030017580	S.CER ECJ0EC1H060C	B	113.1/31.3
C517	4030016930	S.CER ECJ0EB1A104K	B	102.2/50.7
C518	4030016790	S.CER ECJ0EB1C103K	B	113.3/35.1
C519	4030017640	S.CER ECJ0EC1H150J	B	111.3/31.8
C520	4030016930	S.CER ECJ0EB1A104K	B	105.1/27.1
C521	4030018900	S.CER ECJ0EB0J474K	B	104.9/30
C522	4550006480	S.TAN TEESVA 1C 475M8R	B	46.7/33.2
C523	4030017330	S.CER ECJ0EF1C104Z	B	44.9/31
C524	4030016790	S.CER ECJ0EB1C103K	B	49.9/29.5
C525	4550006250	S.TAN TEESVA 1A 106M8R	B	49/27.7
C526	4030016930	S.CER ECJ0EB1A104K	B	48.9/26.1
C527	4030016930	S.CER ECJ0EB1A104K	B	34.3/30
C530	4030017460	S.CER ECJ0EB1E102K	B	34.5/55.4
C531	4550006250	S.TAN TEESVA 1A 106M8R	B	106.6/20.2
C532	4030017460	S.CER ECJ0EB1E102K	B	31.3/45.7
C533	4030017460	S.CER ECJ0EB1E102K	B	45.3/27
C534	4030016930	S.CER ECJ0EB1A104K	B	62.1/14.2
C535	4030016930	S.CER ECJ0EB1A104K	B	30.7/49
C536	4030017460	S.CER ECJ0EB1E102K	B	161/28.5
C537	4030017460	S.CER ECJ0EB1E102K	B	33.6/53.4
C538	4030018860	S.CER ECJ0EB0J105K	B	26.6/49
C539	4030017420	S.CER ECJ0EC1H470J	B	154.8/27.7
C540	4510008590	S.ELE EEE1AA101SP	B	36.9/59.4
C541	4030017330	S.CER ECJ0EF1C104Z	B	150.1/20
C542	4030017460	S.CER ECJ0EB1E102K	B	139.3/19.9
C544	4550006250	S.TAN TEESVA 1A 106M8R	B	29.7/60.8
C545	4030017420	S.CER ECJ0EC1H470J	B	168.1/28.1
C546	4030017420	S.CER ECJ0EC1H470J	B	137.3/32.4
C547	4030017420	S.CER ECJ0EC1H470J	B	134.2/32.4
C548	4030017460	S.CER ECJ0EB1E102K	B	161/27.5
C549	4030017460	S.CER ECJ0EB1E102K	B	44.1/47.4
C551	4030017420	S.CER ECJ0EC1H470J	B	158.1/19.3
C553	4030017420	S.CER ECJ0EC1H470J	B	140.6/17.6
C555	4030018860	S.CER ECJ0EB0J105K	B	148.5/17.9
C556	4030016790	S.CER ECJ0EB1C103K	B	143.1/23.6
C558	4550006480	S.TAN TEESVA 1C 475M8R	B	143.5/22
C559	4030017730	S.CER ECJ0EB1E471K	B	166.3/51.1
C560	4030017730	S.CER ECJ0EB1E471K	B	153.1/51.1
C561	4030017730	S.CER ECJ0EB1E471K	B	161.9/46.9
C562	4030017730	S.CER ECJ0EB1E471K	B	147.4/46.6
C563	4030016930	S.CER ECJ0EB1A104K	B	105.1/28
C564	4030016930	S.CER ECJ0EB1A104K	B	103.2/28
C565	4030016930	S.CER ECJ0EB1A104K	B	44/29.9
C566	4030017460	S.CER ECJ0EB1E102K	B	42.8/49.5
C567	4030016930	S.CER ECJ0EB1A104K	B	42.8/50.4
C568	4030017460	S.CER ECJ0EB1E102K	B	67.3/6.6
C569	4550006250	S.TAN TEESVA 1A 106M8R	B	89.6/40.7
C573	4030016930	S.CER ECJ0EB1A104K	B	34.7/23.7
C574	4030016930	S.CER ECJ0EB1A104K	B	62.6/11.9
C575	4510009020	S.ELE EEE0JA331P	B	106/11.4
J501	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	26.9/27.5
J502	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	52.9/15.1
J503	6450002210	CON 3017-8821 <KIN>		
J504	6510014961	S.CON B2B-ZR-SM4-TF(LF)(SN)	B	18.4/57
DS500	5030002811	LCD L4-0013TVVY-2		
DS501	5040002710	LED EMPG3338S		
DS502	5040002720	LED EMVR3338S		
DS503	5040002710	LED EMPG3338S		
DS504	5040002720	LED EMVR3338S		
DS505	5040002310	S.LED SML-311YTT86	T	111.2/43.2
DS506	5040002310	S.LED SML-311YTT86	T	101.3/43.2
DS507	5040002310	S.LED SML-311YTT86	T	91.3/43.2
DS508	5040002310	S.LED SML-311YTT86	T	81.2/43.1
DS509	5040002310	S.LED SML-311YTT86	T	71.3/43.2
DS510	5040002310	S.LED SML-311YTT86	T	61.3/43.2
DS511	5040002150	LED VRPG3349S-734		
DS512	5040002150	LED VRPG3349S-734		
S506	2250000511	ENC RH70N1037E20-13F-2781		
SP501	2510001221	SPE C052SB500-14 <OSC>		
W501	8900011800	CAB OPC-1199		
W502	89000117540	CAB OPC-1785		
EP501	8930065150	LCD SRCN-2781-SP-N-W (SHJ)		

[FRONT UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
EP503	6910019600	SPA LM-5		
EP504	6910019610	SPA LM-7 (SPACER)		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[CONNECT UNIT]

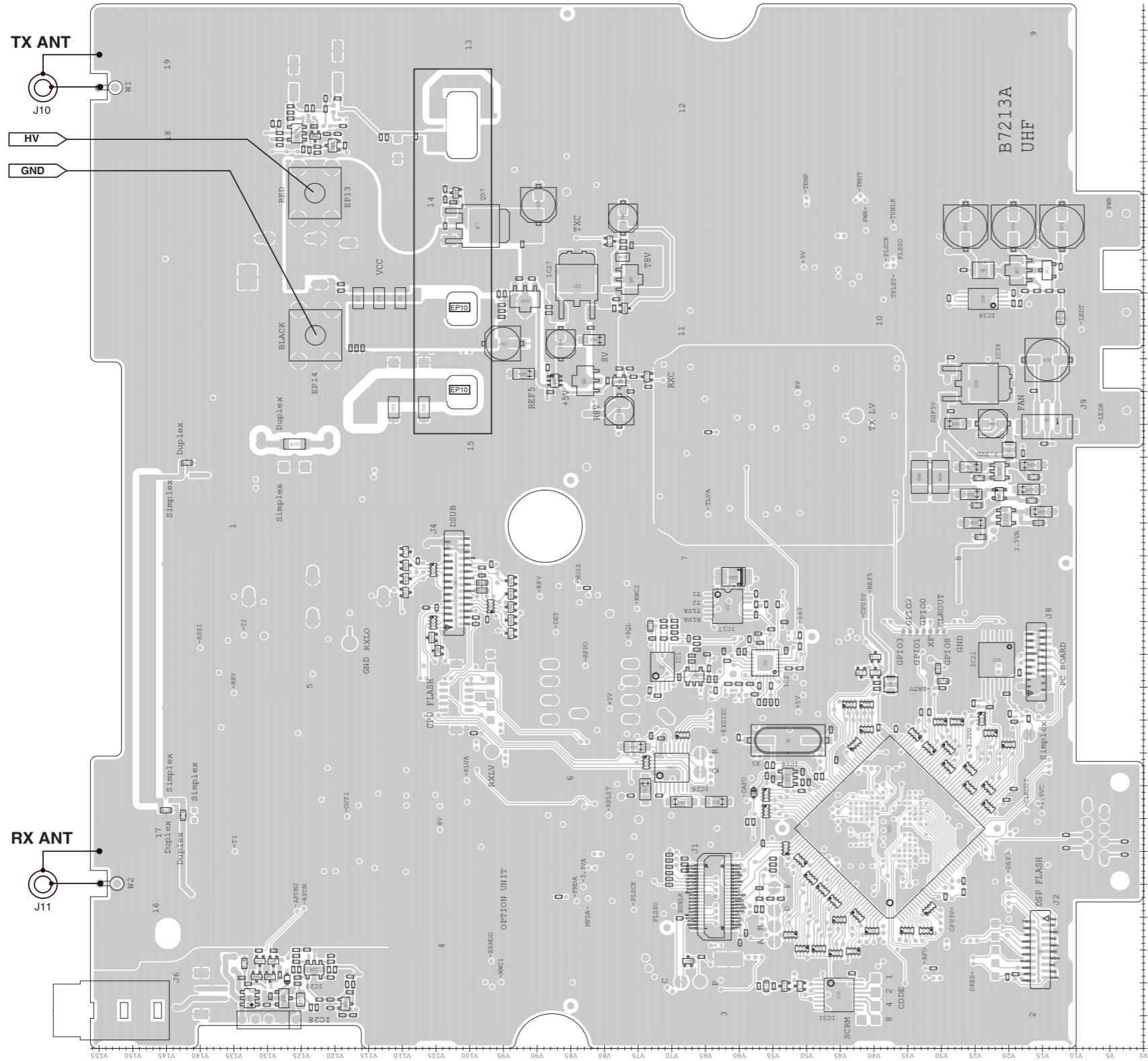
REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C601	4030017420	S.CER ECJ0EC1H470J	T	13.8/12.4
C602	4030017400	S.CER ECJ0EC1H220J	T	12.2/12.4
C603	4030017420	S.CER ECJ0EC1H470J	T	16.5/12.4
C604	4030017400	S.CER ECJ0EC1H220J	T	15/14.2
C605	4030017420	S.CER ECJ0EC1H470J	T	17.8/13.9
C606	4030017420	S.CER ECJ0EC1H470J	T	19.4/12.4
C607	4030017420	S.CER ECJ0EC1H470J	T	20.5/13.9
C608	4030017420	S.CER ECJ0EC1H470J	T	22.6/12.4
C609	4030017420	S.CER ECJ0EC1H470J	T	25.5/12.4
C610	4030017420	S.CER ECJ0EC1H470J	T	29.7/12.8
C611	4030017420	S.CER ECJ0EC1H470J	T	31/14.1
C612	4030017420	S.CER ECJ0EC1H470J	T	32.4/12.8
C613	4030017420	S.CER ECJ0EC1H470J	T	33.5/14.1
C614	4030017420	S.CER ECJ0EC1H470J	T	35.2/14.1
C615	4030017420	S.CER ECJ0EC1H470J	T	35.7/12.8
C616	4030017420	S.CER ECJ0EC1H470J	B	35.2/15.6
C617	4030017420	S.CER ECJ0EC1H470J	T	37.5/13.5
C618	4030017420	S.CER ECJ0EC1H470J	T	39.3/12.2
C619	4030017420	S.CER ECJ0EC1H470J	T	39.9/13.4
C620	4030017420	S.CER ECJ0EC1H470J	T	41.3/12.6
C621	4030017420	S.CER ECJ0EC1H470J	T	27.4/13.9
J601	6510026290	S.CON IMSA-9631S-28Y921	B	22.8/16.2
J602	6510023210	CON CD6125SA1J0 <CVI>		
S1	2260003070	S.SWI MINISMDC150F/24-2	B	38.9/18
W601	8900017500	CAB OPC-1852 (P0.5,N28,L90) <TJM>		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

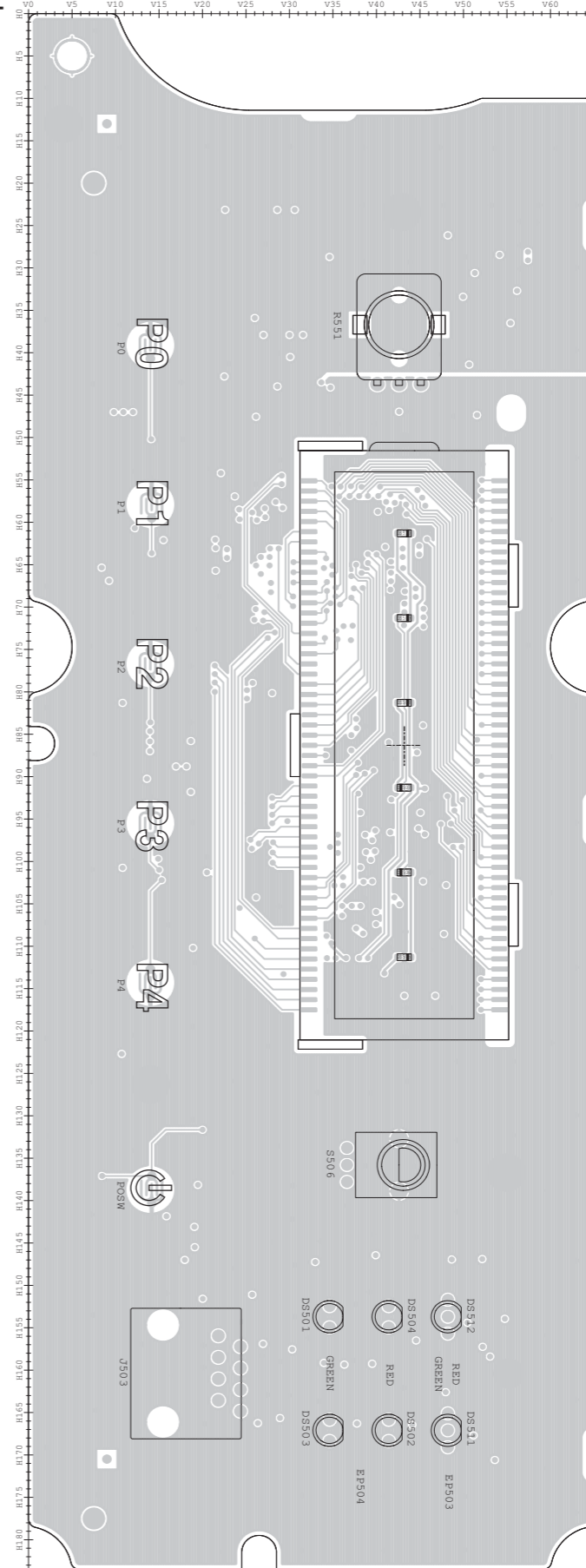
# BOARD LAYOUTS

The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C.Board.

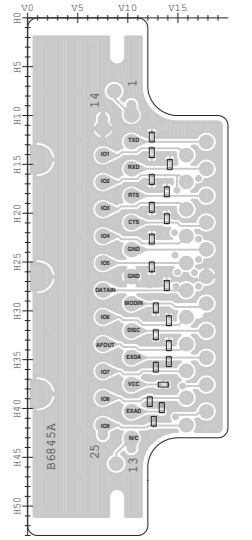
• MAIN/MAIN-A UNIT (TOP VIEW)



• FRONT UNIT (TOP VIEW)



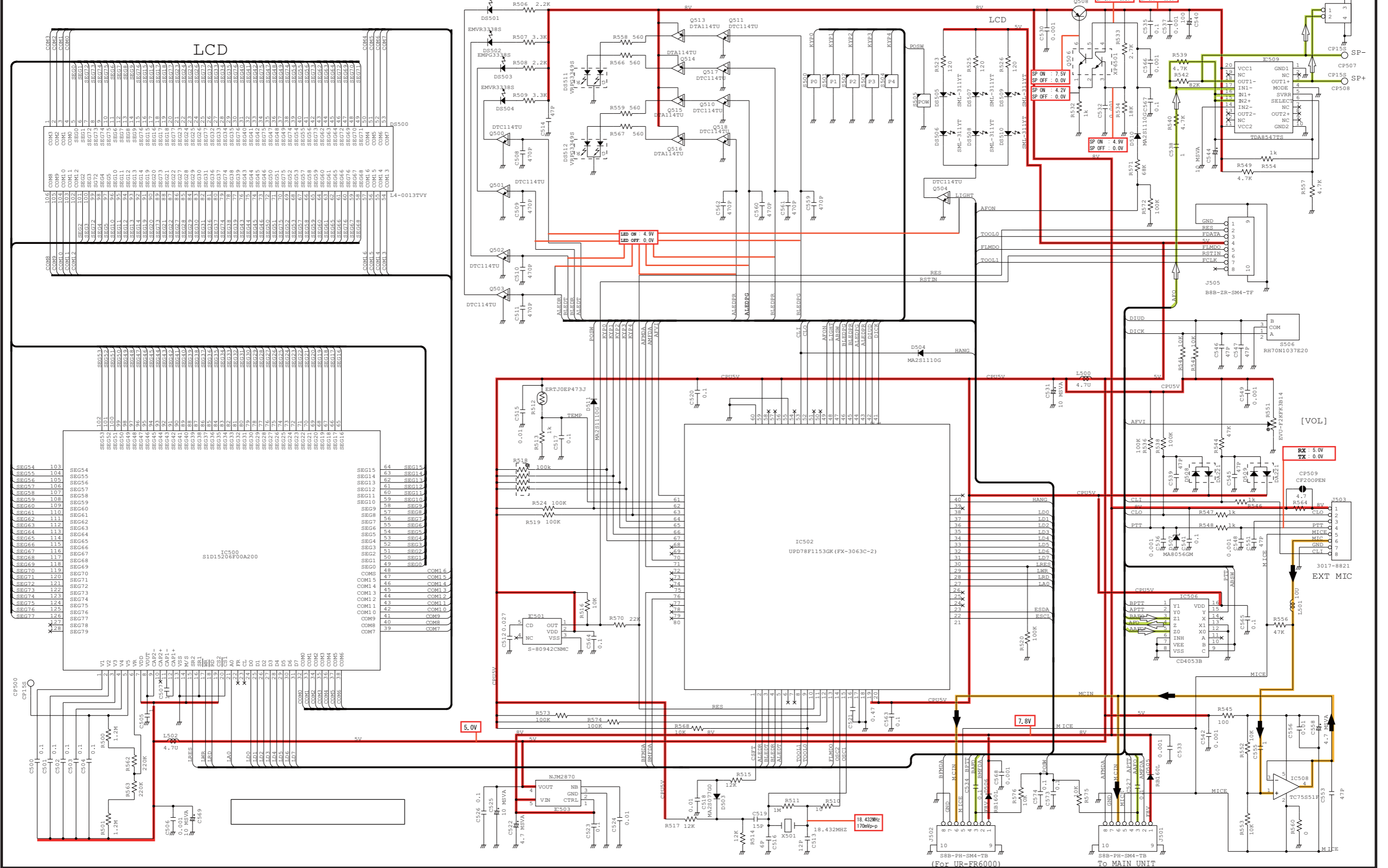
• CONNECT UNIT (TOP VIEW)





# VOLTAGE DIAGRAM

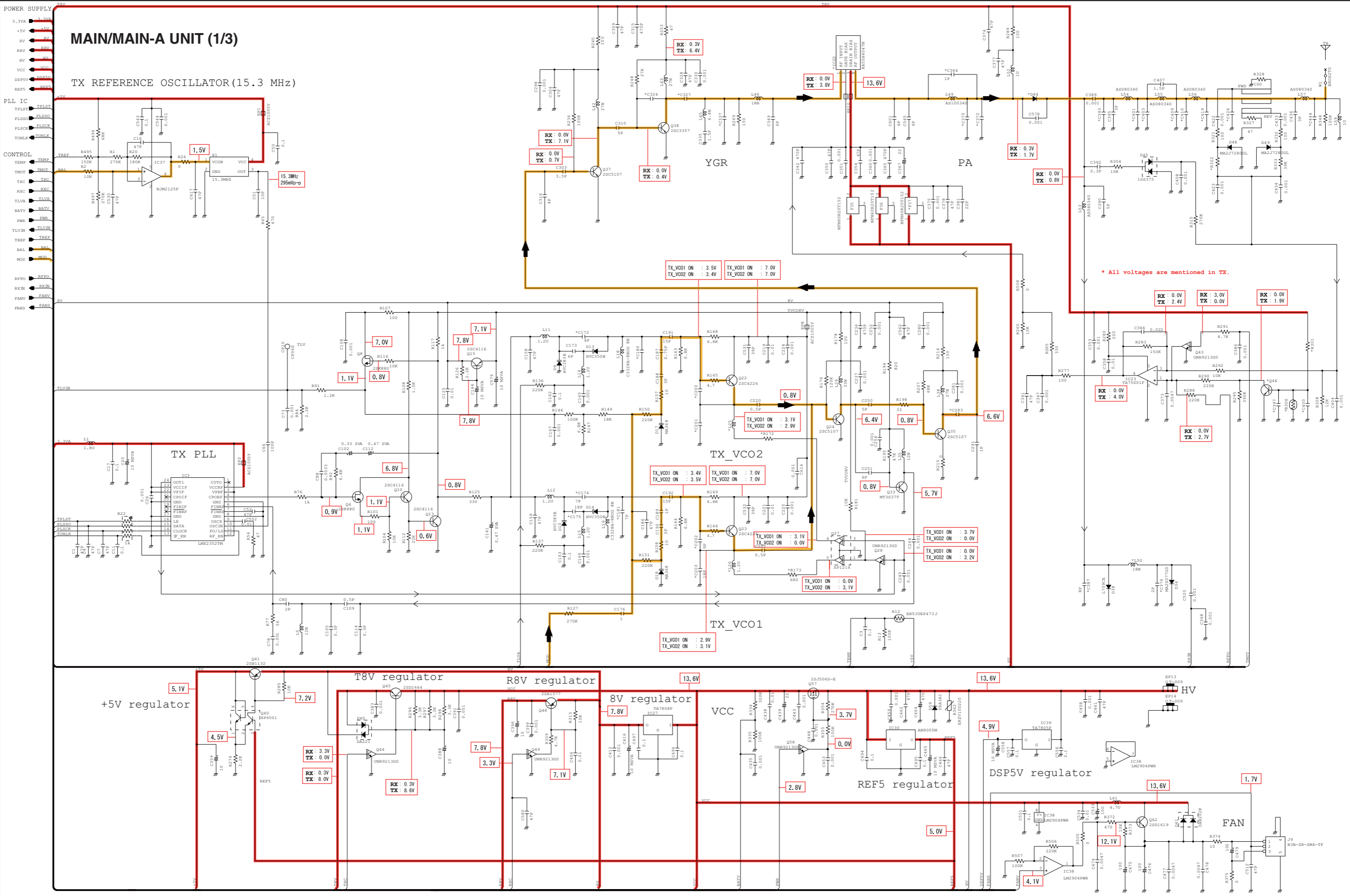
## FRONT UNIT



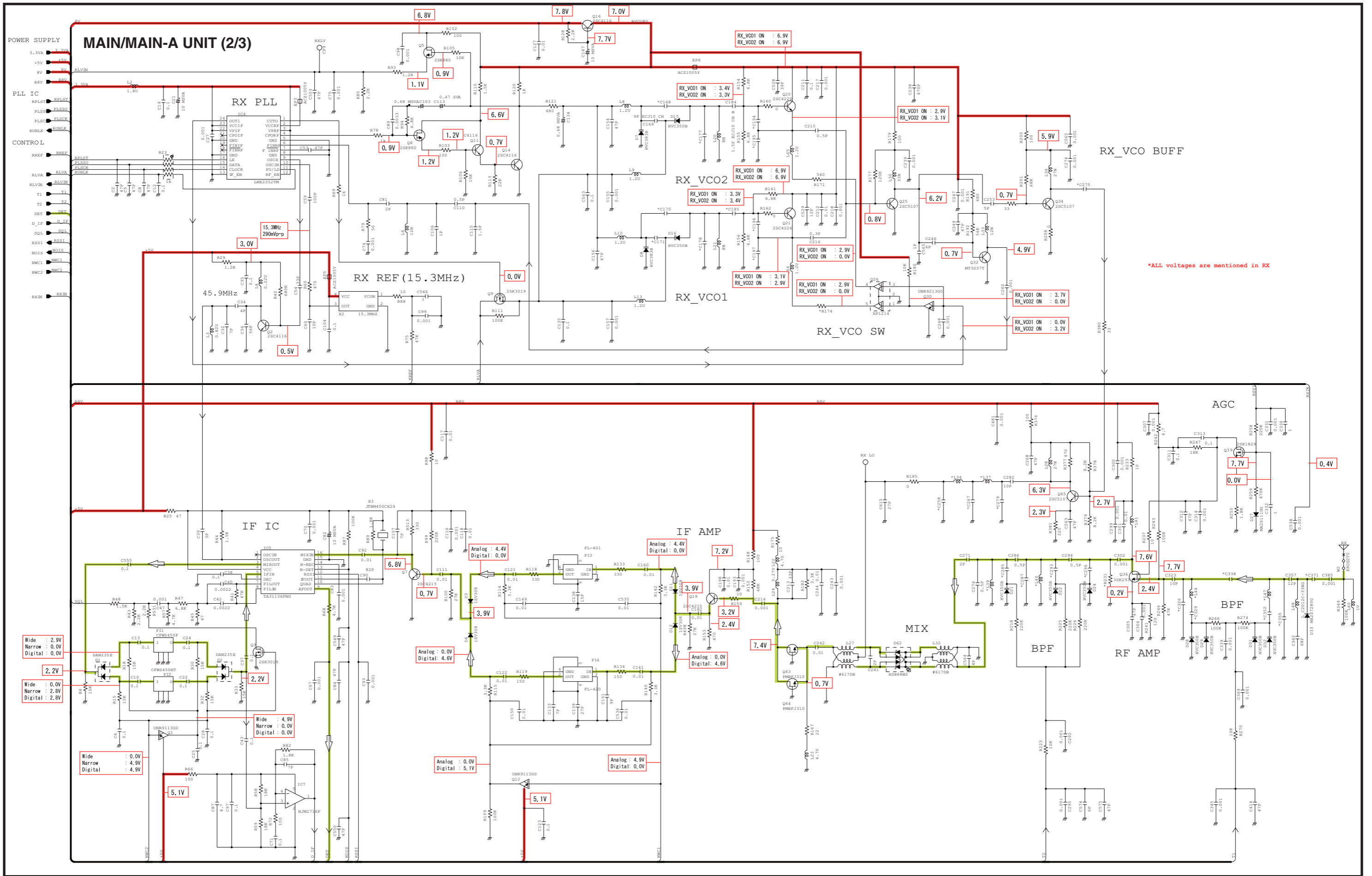
\*; Refer to "PARTS LIST."

# MAIN/MAIN-A UNIT (1/3)

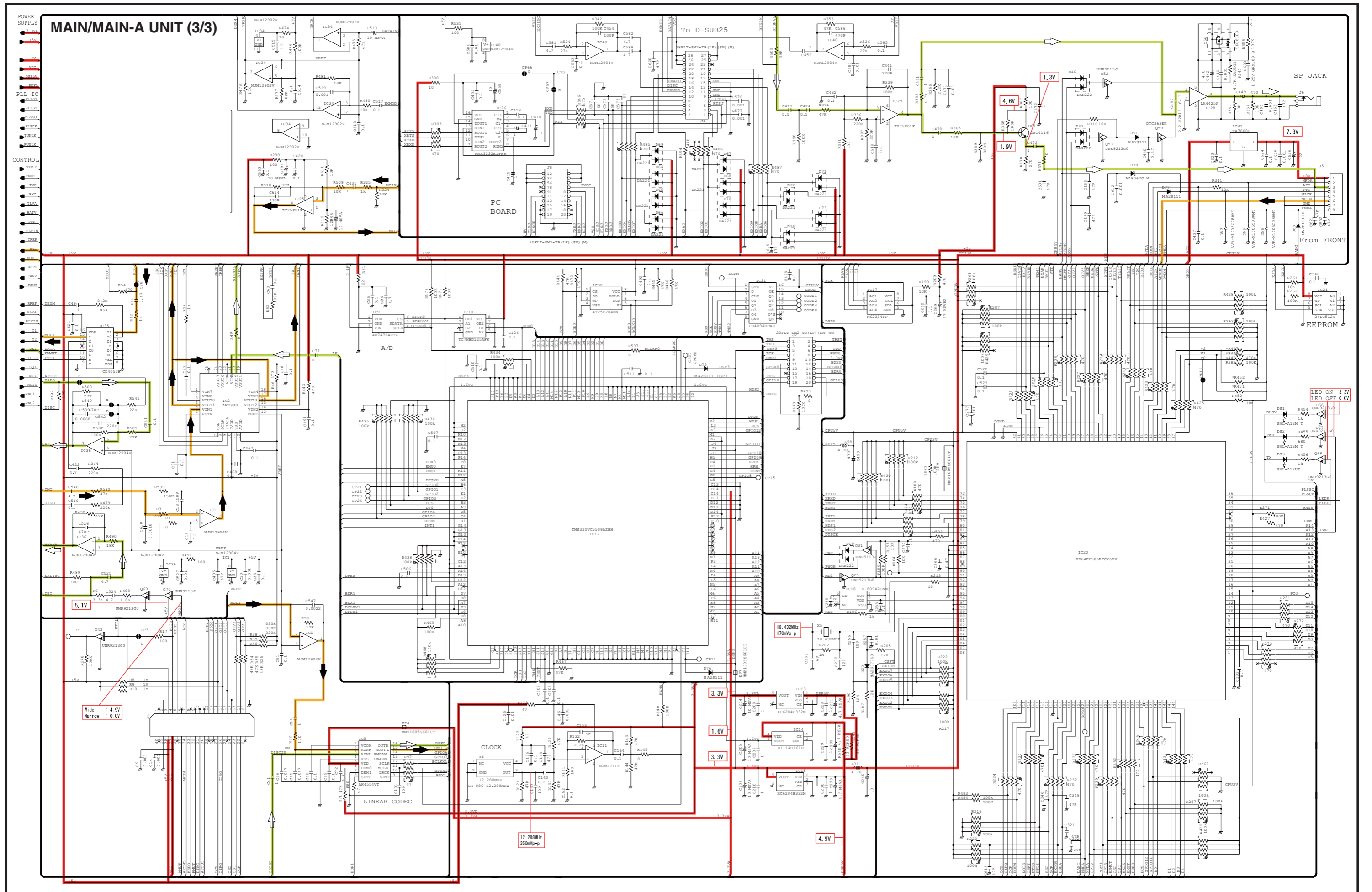
## TX REFERENCE OSCILLATOR (15.3 MHz)



\*; Refer to "PARTS LIST"



\*; Refer to "PARTS LIST"



\*; Refer to "PARTS LIST."



Mar. 2009



# SERVICE MANUAL ADDENDUM

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**IC-FR6000 IC-FR6100 IC-FR6000-L**

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## CONTENTS

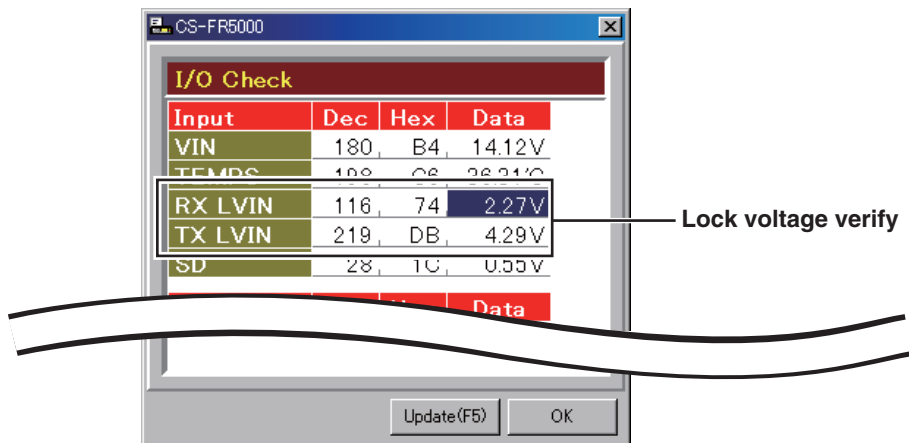
REPLACEMENT PAGES .....	6-7
PARTS LIST .....	1
VOLTAGE DIAGRAM .....	11

### 6-2 FREQUENCY ADJUSTMENT

- 1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.
- 2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
PLL LOCK VOLTAGE -Preparation-	1	1) Connect an RF power meter to the TX antenna. 2) Set the preset adjustment value on the adjustment utility window.	[LV (RX L)] [LV (RX H)] [LV (TX L)] [LV (TX H)]	36 [0.70V] (for each item)
-Adjust-RX (Band low)	2 • CH. : 1-1 • Receiving	• Select the item [RX LVA L], then push the [ENTER] key.	[RX LVA L]	(Automatic adjustment)
RX (Band high)	3 • CH. : 1-2 • Receiving	• Select the item [RX LVA H], then push the [ENTER] key.	[RX LVA H]	
TX (Band low)	4 • CH. : 1-1 • Transmitting	• Select the item [TX LVA L], then push the [ENTER] key.	[TX LVA L]	
TX (Band high)	5 • CH. : 1-2 • Transmitting	• Select the item [TX LVA H], then push the [ENTER] key.	[TX LVA H]	
LOCK VOLTAGE VERIFY	1 • CH. : 1-3 • Receiving	• Verify the lock voltage at each channels on the [RX LIVIN] item on the "I/O Check window" as below.	[RX LIVIN] (I/O Check window)	3.0–4.3 V (Verify) [Low band] 2.7–4.0 V (Verify) Except [Low band]
RX (Band low)	2 • CH. : 1-4 • Receiving			3.0–4.0 V (Verify) [Low band] 2.7–4.0 V (Verify) Except [Low band]
RX (Band high)	3 • CH. : 1-3 • Transmitting	• Verify the lock voltage at each channels on the [TX LIVIN] item on the "I/O Check window" as below.	[TX LIVIN] (I/O Check window)	2.7–4.0 V (Verify) Except [FR6000-L] 3.0–4.3 V (Verify) [FR6000-L]
TX (Band low)	4 • CH. : 1-4 • Transmitting			3.0–4.2 V (Verify) [Low band] 2.7–4.0 V (Verify) [High band] 3.0–4.3 V (Verify) [FR6000-L]
TX FREQUENCY	1	1) Set the item [TX Mode] to "1." 2) Connect an RF power meter to the TX antenna.	[TX Mode]	"1"
	2 • CH. : 1-5 • Transmitting	1) Adjust the frequency using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[TX REF]	469.9000 MHz [Low band] 519.9000 MHz [High band]

• I/O CHECK WINDOW



# PARTS LIST

## [MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1-#ZZZB	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.1
IC3	1130010100	S.IC LMX2352TMX/NOPB	B	120.2/43.9
IC4	1130010100	S.IC LMX2352TMX/NOPB	B	28/78.8
IC5	1110003491	S.IC TA31136FNG(D,EL)	B	70.4/82.5
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4
IC8	1130012910	S.IC AK4554VTP-E2/P	B	36.2/59.9
IC9	1190002080	S.IC AD7476ARTZ-500RL7	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK(T5L,F)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35
IC12	1140013290	S.IC TMS320VC5509AZHH	B	33.3/37.8
IC13	1180002590	S.REG XC6204B332MR	T	80.9/21.3
IC14	1180003270	S.REG R1114Q161D-TR-F	T	84.4/21.4
IC15	1180002590	S.REG XC6204B332MR	T	87.8/21.3
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.2/52.8
IC20	1140014550	S.IC HD64F2506RFC26DV(EMPTY)	T	33.5/37.6
IC21	1140012950	S.IC 24LC512T-VSM	T	59.1/21.8
IC22	1150002211	IC RA55H4047M-121 [USA-01]		
	1150002211	IC RA55H4047M-121 [EXP-01]		
	1150002211	IC RA55H4047M-121 [CHN-02]		
	1150002221	IC RA55H4452M-121 [USA-02]		
	1150002221	IC RA55H4452M-121 [EXP-02]		
	1150002092	IC RA30H4047M-121 [EUR-01]		
IC23	1110002751	S.IC TA75S01F(TE85R,F)	T	139.3/125.6
IC25	1130008561	S.IC TC75S51F(TE85L,F)	B	29.1/63
IC26	1120003070	S.IC MAX3232EIPWR	T	42.7/70
IC27	1180001251	S.IC TA7808F(TE16L,Q)	T	116.6/84.1
IC28	1110003091	S.IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85R,F)	T	12/123.1
IC30	1110003390	S.IC AN8005M-(E1)	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.1/45.2
IC32	1130013360	S.IC AT25F2048N-10SU-2.7SL383	B	8.9/36.1
IC34	1110005340	S.IC NJM12904V-TE1-#ZZZB	B	12.2/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.2
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4
IC37	1120002830	S.IC NJM1215F-TE1-#FZZB	T	56.6/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180001071	S.IC TA7805F(TE16L,Q)	T	101.2/24.3
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2
IC41	1180001251	S.IC TA7808F(TE16L,Q)	B	132/16.7
Q1	1590003230	S.TRA UNR9113J-(TX) [USA-01]	B	53.4/79.7
	1590003230	S.TRA UNR9113J-(TX) [EXP-01]		
	1590003231	S.TRA UNR9113G0L [CHN-02]		
	1590003230	S.TRA UNR9113J-(TX) [USA-02]		
	1590003230	S.TRA UNR9113J-(TX) [EXP-02]		
	1590003230	S.TRA UNR9113J-(TX) [EUR-01]		
Q2	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	34.9/77.7
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Q4	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	88.8/41.5
Q5	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	33.3/107.5
Q6	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	29.6/101.3
Q7	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	72.9/92.5
Q8	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	92.7/47.7
Q9	1560001360	S.FET 2SK3019 TL	B	39.5/104.5
Q10	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/44.6
Q11	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/104.4
Q12	1590003230	S.TRA UNR9113J-(TX) [USA-01]	B	65.6/101.6
	1590003230	S.TRA UNR9113J-(TX) [EXP-01]		
	1590003231	S.TRA UNR9113G0L [CHN-02]		
	1590003230	S.TRA UNR9113J-(TX) [USA-02]		
	1590003230	S.TRA UNR9113J-(TX) [EXP-02]		
	1590003230	S.TRA UNR9113J-(TX) [EUR-01]		
Q13	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/47.7
Q14	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/107.5
Q15	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	92.7/44.6
Q16	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	33.3/104.5
Q19	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	63.2/106.8
Q20	1530002920	S.TRA 2SC4226-T1 R25	B	38.8/123.1
Q21	1530002920	S.TRA 2SC4226-T1 R25	B	39.6/114.5
Q22	1530002920	S.TRA 2SC4226-T1 R25	B	94.6/64.3
Q23	1530002920	S.TRA 2SC4226-T1 R25	B	95.2/55.4
Q24	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	100.5/58.6
Q25	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	44.9/116.2
Q26	1590001400	S.IC XP1214(TX)	B	40.5/117.8
Q27	1590001400	S.IC XP1214(TX)	B	96/59.6
Q28	1590003290	S.TRA UNR9213J-(TX) [USA-01]	B	93.3/59.6
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q29	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	57.2/41.9
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
Q30	1590003290	S.TRA UNR9213J-(TX) [EUR-01]	B	37.8/117.8
	1590003290	S.TRA UNR9213J-(TX) [USA-01]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		

## [MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
Q31	1590003230	S.TRA UNR9113J-(TX) [USA-01]	T	57.2/39.8
	1590003230	S.TRA UNR9113J-(TX) [EXP-01]		
	1590003231	S.TRA UNR9113G0L [CHN-02]		
	1590003230	S.TRA UNR9113J-(TX) [USA-02]		
	1590003230	S.TRA UNR9113J-(TX) [EXP-02]		
	1590003230	S.TRA UNR9113J-(TX) [EUR-01]		
Q32	1530003980	S.TRA 2SC5700WB-TR-E	B	46.5/109.1
Q33	1530003980	S.TRA 2SC5700WB-TR-E	B	102.1/53.4
Q34	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	46.2/123.1
Q35	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85L,F)	B	47.3/136.1
Q37	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	132.5/84.5
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829(TE85R,F)	B	53.2/140.8
Q40	1590001190	S.IC XP6501-(TX),AB	T	101.6/87.4
Q41	1520000460	S.IC 2SB1132 T100 R	T	101.6/82.8
Q42	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	13.3/67.6
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q43	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	138.8/122.9
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q44	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	122.8/79.2
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q45	1540000050	S.TRA 2SD1664 T100Q	T	117/76.3
Q46	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	137.4/120.3
Q48	1510000920	S.TRA 2SA1577 T106 Q	T	101.5/77.8
Q49	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	102.2/73.7
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q52	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	10.9/131.6
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q53	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	10.9/129.6
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q56	1590003321	S.FET TPC6103(TE85L,F)	T	7.6/132.6
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	130.2/102.1
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q59	1590000990	S.TRA DTC363EK T146	T	7.6/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	6.8/118.4
Q62	1540000441	S.TRA 2SD1619T-TD-E	T	118.4/18.5
Q63	1560000990	S.FET PMBFJ310	B	66.3/110
Q64	1560000990	S.FET PMBFJ310	B	63.3/110
Q65	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	59.6/123.7
Q66	1590003290	S.TRA UNR9213J-(TX) [USA-01]	B	94.9/47.7
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q67	1590003290	S.TRA UNR9213J-(TX) [USA-01]	B	124.9/4.7
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q68	1590003290	S.TRA UNR9213J-(TX) [USA-01]	B	109.9/4.7
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
Q70	1590003230	S.TRA UNR9113J-(TX) [USA-01]	T	9.5/51
	1590003230	S.TRA UNR9113J-(TX) [EXP-01]		
	1590003231	S.TRA UNR9113G0L [CHN-02]		
	1590003230	S.TRA UNR9113J-(TX) [USA-02]		
	1590003230	S.TRA UNR9113J-(TX) [EXP-02]		
1590003230	S.TRA UNR9113J-(TX) [EUR-01]			
D1	1750001070	S.DIO DAN235ETL	B	57.3/78.6
D2	1750001070	S.DIO DAN235ETL	B	50/79.7
D3	1790001621	S.DIO 1SV308(TPL3,F)	B	70.3/93.4
D4	1790001621	S.DIO 1SV308(TPL3,F)	B	67.8/93.4
D7	1750001150	S.VAR HVC383BTRF-E	B	30.8/122.3
D8	1750001150	S.VAR HVC383BTRF-E	B	30.6/112.7
D9	1750001150	S.VAR HVC383BTRF-E	B	85.6/63.5
D10	1750001150	S.VAR HVC383BTRF-E	B	85.7/53.3
D11	1790001621	S.DIO 1SV308(TPL3,F)	B	63.5/103.1
D12	1790001621	S.DIO 1SV308(TPL3,F)	B	62.7/101.1
D13	1750000711	S.VAR HVC350BTRF-E	B	87.3/66.8
D14	1750000711	S.VAR HVC350BTRF-E	B	87.1/55.4
D15	1750000711	S.VAR HVC350BTRF-E	B	32.6/125.4
D16	1750000711	S.VAR HVC350BTRF-E	B	32/114.5
D17	1720000570	S.VAR MA368(TX)	B	94.6/66.6
D18	1720000570	S.VAR MA368(TX)	B	91.4/57.7
D19	1750000520	S.DIO DAN222TL	T	59.6/39.8
D20	1790001260	S.DIO MA2S077-(TX) [USA-01]	T	38.9/57.8
1790001260	S.DIO MA2S077-(TX) [EXP-01]			
1790001261	S.DIO MA2S077G0L [CHN-02]			
1790001260	S.DIO MA2S077-(TX) [USA-02]			
1790001260	S.DIO MA2S077-(TX) [EXP-02]			
1790001260	S.DIO MA2S077-(TX) [EUR-01]			
D21	1750000711	S.VAR HVC350BTRF-E	B	66.1/135.8
D22	1750000711	S.VAR HVC350BTRF-E	B	62.9/135.8
D24	1750000711	S.VAR HVC350BTRF-E	B	56.1/135.9
D27	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	57.2/140.4
1790001250	S.DIO MA2S111-(TX) [EXP-01]			
1790001251	S.DIO MA2S1110GL [CHN-02]			
1790001250	S.DIO MA2S111-(TX) [USA-02]			
1790001250	S.DIO MA2S111-(TX) [EXP-02]			
1790001250	S.DIO MA2S111-(TX) [EUR-01]			
D28	1750000711	S.VAR HVC350BTRF-E	B	35.9/134.4
D29	1750000711	S.VAR HVC350BTRF-E	B	37.1/134.4
D31	1750000711	S.VAR HVC350BTRF-E	B	32.4/136.5
D32	1750000711	S.VAR HVC350BTRF-E	B	32.4/135.3
D33	1790001240	S.DIO MA2S728-(TX) [USA-01]	B	37.8/144.2
1790001240	S.DIO MA2S728-(TX) [EXP-01]			
1790001241	S.DIO MA2S7280GL [CHN-02]			
1790001240	S.DIO MA2S728-(TX) [USA-02]			
1790001240	S.DIO MA2S728-(TX) [EXP-02]			
1790001240	S.DIO MA2S728-(TX) [EUR-01]			
D34	1790001260	S.DIO MA2S077-(TX) [USA-01]	B	85.4/137.8
1790001260	S.DIO MA2S077-(TX) [EXP-01]			
1790001261	S.DIO MA2S077G0L [CHN-02]			
1790001260	S.DIO MA2S077-(TX) [USA-02]			
1790001260	S.DIO MA2S077-(TX) [EXP-02]			
1790001260	S.DIO MA2S077-(TX) [EUR-01]			
D38	1750001360	S.DIO L709CER (9401)	B	87.8/135.6
D40	1750000370	S.DIO DA221 TL	T	112.6/77
D44	1710001061	DIO L407CDB	T	
D45	1790001211	S.DIO 1SS375-TL-E	B	96.3/138.1
D46	1750000520	S.DIO DAN222TL	T	13.3/131.1
D47	1750000520	S.DIO DAN222TL	T	13.2/129.1
D48	1790000660	S.DIO MA728(TX)	B	121.1/142.5
D49	1790000660	S.DIO MA728(TX)	B	140.6/133
D51	1790001250	S.DIO MA2S111-(TX) [USA-01]	T	10.5/127.1
1790001250	S.DIO MA2S111-(TX) [EXP-01]			
1790001251	S.DIO MA2S1110GL [CHN-02]			
1790001250	S.DIO MA2S111-(TX) [USA-02]			
1790001250	S.DIO MA2S111-(TX) [EXP-02]			
1790001250	S.DIO MA2S111-(TX) [EUR-01]			
D53	1790001810	S.VAR AVR-M1005C080MTABB	T	32.5/11.5
D55	1790001810	S.VAR AVR-M1005C080MTABB	T	30.5/11.5
D56	1790001810	S.VAR AVR-M1005C080MTABB	B	33.2/22.1
D59	1790000700	DIO DSA3A1	T	
D61	1160000070	S.DIO DAN202K T146	T	118.4/14.3
D62	1750000431	S.DIO HSB88WSTR-E	B	68.3/123.3
D63	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	34.1/20.7
1790001250	S.DIO MA2S111-(TX) [EXP-01]			
1790001251	S.DIO MA2S1110GL [CHN-02]			
1790001250	S.DIO MA2S111-(TX) [USA-02]			
1790001250	S.DIO MA2S111-(TX) [EXP-02]			
1790001250	S.DIO MA2S111-(TX) [EUR-01]			
D64	1750000370	S.DIO DA221 TL	T	63.2/93.9
D65	1750000370	S.DIO DA221 TL	T	65.2/93.9
D66	1750000370	S.DIO DA221 TL	T	67.2/93.9
D67	1750000370	S.DIO DA221 TL	T	62.5/105.6
D68	1750000370	S.DIO DA221 TL	T	60.5/104.7
D69	1750000370	S.DIO DA221 TL	T	69.2/93.9
D70	1750000370	S.DIO DA221 TL	T	71.2/93.9
D71	1750000370	S.DIO DA221 TL	T	69.4/109.5
D72	1750000370	S.DIO DA221 TL	T	71.5/109.5
D73	1750000370	S.DIO DA221 TL	T	73.5/109.5
D74	1750000370	S.DIO DA221 TL	T	75.6/109.5
D75	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	41/38.6
1790001250	S.DIO MA2S111-(TX) [EXP-01]			
1790001251	S.DIO MA2S1110GL [CHN-02]			
1790001250	S.DIO MA2S111-(TX) [USA-02]			
1790001250	S.DIO MA2S111-(TX) [EXP-02]			

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
D76	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	26.4/41.3
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
D77	1790001251	S.DIO MA2S1110GL [CHN-02]		49.2/29.9
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
	1790001250	S.DIO MA2S111-(TX) [USA-01]		
	1790001250	S.DIO MA2S1110GL [CHN-02]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
	1790001250	S.DIO MA2S1110GL [CHN-02]		
D78	1730002360	S.ZEN MA8062-M(TX) [USA-01]	B	52.3/29.9
	1730002360	S.ZEN MA8062-M(TX) [EXP-01]		
	1730002361	S.ZEN MAZ8062GML [CHN-02]		
	1730002360	S.ZEN MA8062-M(TX) [USA-02]		
	1730002360	S.ZEN MA8062-M(TX) [EXP-02]		
1730002360	S.ZEN MA8062-M(TX) [EUR-01]			
F11	2020001520	CER CFWLA450KFFA-B0 (CFWS450F)		
F12	2020001460	CER CFWLA450KHFA-B0 (CFWS450HT)		
F13	2030000500	S.MON DSF753SFB 46.35 MHz (FL-401)	B	72/101
F14	2030000670	S.MON DSF753SFB 46.35 MHz (FL-420)	B	63.4/91.1
F15	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/110.3
F16	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/113.4
F17	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/116.5
X1	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	128.6/45.3
X2	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	35.6/72.3
X3	6070000300	S.DIS JTBM450CX24 <JJE>	B	63.5/83.5
X4	6050012350	S.XTA CR-886 12.288 MHz	B	52.8/38.2
X5	6050012680	S.XTA CR-858(SMD-49/18.432 MHz) <JJE>	T	46.9/52.7
L1	6200004660	S.COI MLF1608A 1R8K-T	B	115.6/39.2
L2	6200004660	S.COI MLF1608A 1R8K-T	B	23.6/82.4
L3	6200004480	S.COI MLF1608D R82K-T	B	39.4/79.3
L4	6200003540	S.COI MLF1608D R22K-T	B	36.9/76.9
L5	6200005671	S.COI ELJRE 12NGFA [USA-01]	B	102.7/46.7
	6200005671	S.COI ELJRE 12NGFA [EXP-01]		
	6200005661	S.COI ELJRE 10NGFA [CHN-02]		
	6200005661	S.COI ELJRE 10NGFA [USA-02]		
	6200005671	S.COI ELJRE 12NGFA [EUR-01]		
L6	6200005671	S.COI ELJRE 12NGFA	B	44.6/99.3
L8	6200004741	S.COI NLV25T-1R2J	B	28.5/121.7
L9	6200004741	S.COI NLV25T-1R2J	B	28.5/124.9
L10	6200004741	S.COI NLV25T-1R2J	B	28.5/114.1
L11	6200004741	S.COI NLV25T-1R2J	B	83.7/63.1
L12	6200004741	S.COI NLV25T-1R2J	B	83.7/54.6
L13	6200004741	S.COI NLV25T-1R2J	B	30.6/117.2
L14	6200004741	S.COI NLV25T-1R2J	B	84.2/66.2
L15	6200004741	S.COI NLV25T-1R2J	B	84.2/57.7
L18	6200009260	S.COI C3328A-8NOG 8N	B	88.7/63.1
L19	6200009260	S.COI C3328A-8NOG 8N	B	89.8/54
L20	6200009390	S.COI C3328A-8NOJ-A	B	33.2/121.7
L21	6200009390	S.COI C3328A-8NOJ-A	B	34.7/113.1
L22	6200003550	S.COI MLF1608A 4R7K-T	B	73.4/109.9
L23	6200002861	S.COI NLV25T-4R7J	B	57.6/108.9
L24	6200010740	S.COI C2520C-R27G-A	B	70/109.1
L25	6200004741	S.COI NLV25T-1R2J	B	97.1/64.6
L26	6200004741	S.COI NLV25T-1R2J	B	98.1/53.9
L27	6130002961	S.COI #617DB-1327=P3	B	68.3/117
L28	6200005711	S.COI ELJRE 27NGFA	B	62.3/123.6
L29	6200005721	S.COI ELJRE 33NGFA	B	102.6/58.6
L30	6200005721	S.COI ELJRE 33NGFA	B	46.9/116.2
L31	6200002861	S.COI NLV25T-4R7J	T	91.1/19.9
L32	6130002961	S.COI #617DB-1327=P3	B	68.3/128.7
L33	6200005671	S.COI ELJRE 12NGFA	B	47.3/107.1
L34	6200005711	S.COI ELJRE 27NGFA [USA-01]	B	61.1/117.5
	6200005711	S.COI ELJRE 27NGFA [EXP-01]		
	6200005711	S.COI ELJRE 27NGFA [CHN-02]		
	6200005691	S.COI ELJRE 18NGFA [USA-02]		
	6200005691	S.COI ELJRE 18NGFA [EXP-02]		
	6200005711	S.COI ELJRE 27NGFA [EUR-01]		
	6200005671	S.COI ELJRE 12NGFA [USA-01]		
	6200005671	S.COI ELJRE 12NGFA [EXP-01]		
	6200005671	S.COI ELJRE 12NGFA [CHN-02]		
6200005661	S.COI ELJRE 10NGFA [USA-02]			
L35	6200005671	S.COI ELJRE 12NGFA [USA-01]	B	102.7/51.6
	6200005671	S.COI ELJRE 12NGFA [EXP-01]		
	6200005661	S.COI ELJRE 10NGFA [USA-02]		
L36	6200005671	S.COI ELJRE 12NGFA	B	44.3/123.1
	6200005661	S.COI ELJRE 10NGFA [USA-02]		
	6200005671	S.COI ELJRE 12NGFA [EUR-01]		
	6200005711	S.COI ELJRE 27NGFA	B	
	6200005711	S.COI ELJRE 27NGFA [USA-01]		
L37	6200005711	S.COI ELJRE 27NGFA [EXP-01]		61.1/120.1
	6200005711	S.COI ELJRE 27NGFA [CHN-02]		
	6200005691	S.COI ELJRE 18NGFA [USA-02]		
	6200005691	S.COI ELJRE 18NGFA [EXP-02]		
	6200005691	S.COI ELJRE 18NGFA [EUR-01]		
	6200005711	S.COI ELJRE 27NGFA	B	
	6200005711	S.COI ELJRE 27NGFA [USA-01]		
	6200005711	S.COI ELJRE 27NGFA [EXP-01]		
	6200005711	S.COI ELJRE 27NGFA [CHN-02]		
	6200005691	S.COI ELJRE 18NGFA [USA-02]		
6200005691	S.COI ELJRE 18NGFA [EXP-02]			
6200005711	S.COI ELJRE 27NGFA [EUR-01]			
L38	6200005711	S.COI ELJRE 27NGFA	B	100/64.4
L39	6200009320	S.COI C3328A-12NG-A	B	70.8/137.3
L40	6200009320	S.COI C3328A-12NG-A	B	59.5/135.7
L41	6200009320	S.COI C3328A-12NG-A	B	51.4/136.3
L42	6200005711	S.C		

[MAIN/MAIN-A UNIT]

Table with columns: REF NO., ORDER NO., DESCRIPTION, M., H/V LOCATION. Contains entries for L44, L45, L46, L47, L48, L49, L50, L52, L53, L54, L55, L56, L57, L58, L59, L60, L61, L65, L66, R1, R2, R3, R4, R6, R7, R8, R9, R10, R12, R13, R15, R17, R18, R20, R22, R23, R25, R26, R27, R29, R30, R32, R33, R34, R35, R36, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R52, R53, R54, R56, R57, R58, R59, R60, R62, R63, R65, R66, R68, R69, R71, R72, R75, R76, R77, R78, R79, R80, R81, R82, R84, R85, R87, R88, R89.

[MAIN/MAIN-A UNIT]

Table with columns: REF NO., ORDER NO., DESCRIPTION, M., H/V LOCATION. Contains entries R90, R91, R92, R93, R94, R97, R98, R99, R100, R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121, R122, R123, R124, R125, R126, R127, R128, R129, R130, R131, R132, R133, R134, R136, R137, R140, R142, R143, R144, R145, R146, R147, R148, R149, R150, R151, R152, R153, R154, R155, R156, R157, R158, R159, R160, R161, R162, R163, R164, R165, R166, R167, R168, R169, R171, R172, R173, R174, R175, R176, R177, R178, R179, R180, R181, R182, R185, R186, R187, R188, R189, R190, R191, R192, R194, R199.

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side) S.=Surface mount

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R205	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	34.5/57.9
R207	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	103.7/64
R208	7030010040	S.RES ERJ2GEJ-JPW	B	46.2/120.7
R209	7030005000	S.RES ERJ2GEJ 471 X (470)	T	67.6/56
R212	7410001140	S.ARR EXB28V104JX	T	52.3/41.1
R213	7030005530	S.RES ERJ2GEJ 100 X (10)	T	41.4/47.7
R214	7030004980	S.RES ERJ2GEJ 101 X (100)	B	98.9/64
R215	7030010040	S.RES ERJ2GEJ-JPW	B	100.9/62
R216	7410001140	S.ARR EXB28V104JX	T	17.3/52.4
R217	7410001140	S.ARR EXB28V104JX	T	38.6/56
R218	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	65/137.9
R220	7410001140	S.ARR EXB28V104JX	T	15.2/50.7
R222	7410001140	S.ARR EXB28V104JX	T	36.1/56
R223	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	64/136.3
R224	7410001150	S.ARR EXB28V471JX	T	30.4/53.1
R225	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	64/137.9
R226	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	57.2/136.1
R227	7410001150	S.ARR EXB28V471JX	T	42.9/28.9
R230	7410001150	S.ARR EXB28V471JX	T	28.6/50.9
R231	7030005010	S.RES ERJ2GEJ 681 X (680) [USA-01]	B	55/138
	7030005010	S.RES ERJ2GEJ 681 X (680) [EXP-01]	B	
	7030005010	S.RES ERJ2GEJ 681 X (680) [CHN-02]	B	
	7030005010	S.RES ERJ2GEJ 681 X (680) [USA-02]	B	
	7030005010	S.RES ERJ2GEJ 681 X (680) [EXP-02]	B	
	7030007280	S.RES ERJ2GEJ 331 X (330) [EUR-01]	B	
R232	7410001150	S.ARR EXB28V471JX	T	25.9/49.4
R233	7030005530	S.RES ERJ2GEJ 100 X (10)	B	54.1/136.1
R234	7410001150	S.ARR EXB28V471JX	T	42.5/25.7
R235	7410001150	S.ARR EXB28V471JX	T	24.2/47.6
R236	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	133.1/82.8
R237	7030004970	S.RES ERJ2GEJ 470 X (47)	B	48.4/138.3
R238	7410001150	S.ARR EXB28V471JX	T	45.7/28.9
R239	7410001150	S.ARR EXB28V471JX	T	22.4/45.8
R240	7030004980	S.RES ERJ2GEJ 101 X (100)	B	135.8/84.5
R241	7030005710	S.RES ERJ2GEJ 121 X (120)	B	48.4/133.8
R242	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	47.4/138.3
R243	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.4/138.3
R244	7410001150	S.ARR EXB28V471JX	T	39.7/25.8
R245	7410001150	S.ARR EXB28V471JX	T	20.2/42.4
R246	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	44.4/136.1
R247	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	47.4/140.4
R248	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	137.4/85.8
R253	7030004970	S.RES ERJ2GEJ 470 X (47)	B	138.8/85.4
R255	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	51.4/140.7
R257	7410001140	S.ARR EXB28V104JX	T	14.5/45.7
R258	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	58.3/140.4
R259	7030005170	S.RES ERJ2GEJ 474 X (470K)	B	56.1/140.4
R260	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	144.6/121.4
R261	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	52.5/25.2
R262	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	51.9/22.8
R263	7410001140	S.ARR EXB28V104JX	T	46.2/20
R264	7410001140	S.ARR EXB28V104JX	T	50.2/24
R265	7030007280	S.RES ERJ2GEJ 331 X (330)	T	143/121.4
R266	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	34.6/133.5
R267	7410001140	S.ARR EXB28V104JX	T	14.8/43.1
R268	7410001150	S.ARR EXB28V471JX	T	45.7/31.8
R269	7030007270	S.RES ERJ2GEJ 151 X (150)	B	142.6/92.6
R270	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.6/134
R271	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	23.8/26.7
R272	7410001150	S.ARR EXB28V471JX	T	17.9/32.3
R273	7410001150	S.ARR EXB28V471JX	T	17.9/35.1
R274	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	31.5/134
R277	7030004980	S.RES ERJ2GEJ 101 X (100)	T	143.4/126.6
R278	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	13.9/65.6
R279	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	103.6/88.4
R280	7030004990	S.RES ERJ2GEJ 221 X (220)	T	138.4/128.2
R281	7410001150	S.ARR EXB28V471JX	T	21.3/31.8
R282	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	37.8/20.3
R283	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	141.5/126.6
R285	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	101.6/79.5
R287	7410001140	S.ARR EXB28V104JX	T	49.7/27.7
R288	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	136.8/124.7
R289	7030006070	S.RES ERJ12VJ101U (100)	B	86.9/117.5
R290	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	137.2/122.6
R291	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	139.2/121.2
R292	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	139.3/128.2
R295	7030006610	S.RES ERJ2GEJ 394 X (390K)	T	136.3/122.6
R296	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	121.8/77.2
R297	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	122.8/77.2
R298	7030000440	S.RES MCR10EZJH 3.3K (332)	T	120.4/77.3
R299	7030004980	S.RES ERJ2GEJ 101 X (100)	B	29.1/19.4
R300	7030005530	S.RES ERJ2GEJ 100 X (10)	T	47.6/73.1
R301	7030008300	S.RES ERJ2GEJ 184 X (180K)	B	85.7/131
R303	7410001150	S.ARR EXB28V471JX	T	47.7/68.4
R304	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	95.4/135.9
R306	7520000260	S.POS PRF18BB471QB1RB	B	87.3/130.2
R308	7030008010	S.RES ERJ2GEJ 123 X (12K) [USA-01]	T	140.7/128.3
	7030008010	S.RES ERJ2GEJ 123 X (12K) [EXP-01]	T	
	7030008010	S.RES ERJ2GEJ 123 X (12K) [CHN-02]	T	
	7030008010	S.RES ERJ2GEJ 123 X (12K) [USA-02]	T	
	7030008010	S.RES ERJ2GEJ 123 X (12K) [EXP-02]	T	
	7030007340	S.RES ERJ2GEJ 153 X (15K) [EUR-01]	T	
R309	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	102.2/75.7
R313	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	103.5/77.8
R315	7030005700	S.RES ERJ2GEJ 274 X (270K)	B	98.6/137.3
R316	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	11.2/128.2
R320	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	15/124.1
R321	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	119.5/142.1
R322	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	119.4/144.2
R324	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	31.3/12
R325	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.3/12
R326	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	13.2/125.7
R327	7030000220	S.RES MCR10EZJH 47 (470)	B	119.7/132.8
R328	7030000260	S.RES MCR10EZJH 100 (101)	B	139.3/144.3

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R331	7030004980	S.RES ERJ2GEJ 101 X (100)	T	12/120
R332	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	139.5/135
R333	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	139.3/131.4
R334	7030005651	S.RES ERA3YK 304V (300K)	T	57.8/30.5
R335	7030005871	S.RES ERA3YK 104V (100K)	T	55.9/29.7
R336	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	12/120.9
R337	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	13.2/120.6
R339	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	12/125.3
R341	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	33.3/12
R342	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	45.3/56.9
R346	7410001150	S.ARR EXB28V471JX	T	43.5/73.8
R347	7030005000	S.RES ERJ2GEJ 471 X (470)	T	9.8/132.9
R348	7030000620	S.RES MCR10EZJH 100 K (104)	B	147.2/150.9
R349	7030000620	S.RES MCR10EZJH 100 K (104)	B	26/149.7
R350	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	6.4/131
R352	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	10.2/125.3
R353	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.8/56.9
R354	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	125.2/103.6
R355	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	129.2/103.6
R356	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	9.8/134.5
R357	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	10.1/150.2
R362	7540000290	ABS ERZV10D290		
R364	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	65.1/71.2
R365	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	7.4/120.7
R366	7030007290	S.RES ERJ2GEJ 221 X (2.2K)	T	7/123.5
R367	7030004980	S.RES ERJ2GEJ 101 X (100)	T	9.7/117.3
R368	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	8.5/117.8
R369	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	9.7/118.2
R370	7030008280	S.RES ERJ2GEJ 271 X (270)	T	6.1/120.7
R371	7030010040	S.RES ERJ2GEJ-JPW	T	5/117.3
R372	7030005000	S.RES ERJ2GEJ 471 X (470)	T	115.3/15.8
R373	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	115.3/14
R374	7030000140	S.RES MCR10EZJH 10 (100)	T	111.2/12.3
R375	7030010040	S.RES ERJ2GEJ-JPW	T	100.1/16.3
R376	7030004980	S.RES ERJ2GEJ 101 X (100)	B	62.3/122.2
R377	7030005000	S.RES ERJ2GEJ 471 X (470)	B	62.3/124.7
R378	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	63.2/126.1
R379	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	59.6/126.1
R380	7030007260	S.RES ERJ2GEJ 330 X (33)	B	57.8/123.7
R381	7030004990	S.RES ERJ2GEJ 221 X (220) [USA-01]	B	61.4/126.1
	7030004990	S.RES ERJ2GEJ 221 X (220) [EXP-01]	B	
	7030004990	S.RES ERJ2GEJ 221 X (220) [CHN-02]	B	
	7030007270	S.RES ERJ2GEJ 151 X (150) [USA-02]	B	
	7030007270	S.RES ERJ2GEJ 151 X (150) [EXP-02]	B	
	7030004990	S.RES ERJ2GEJ 221 X (220) [EUR-01]	B	
R424	7410001150	S.ARR EXB28V471JX	T	46.3/42.9
R425	7410001150	S.ARR EXB28V471JX	T	36.8/23
R426	7410001150	S.ARR EXB28V471JX	T	47.8/33.9
R427	7030005000	S.RES ERJ2GEJ 471 X (470)	T	25.5/26.7
R428	7410001140	S.ARR EXB28V104JX	T	48/22.7
R429	7410001140	S.ARR EXB28V104JX	T	49.7/30.2
R430	7410001140	S.ARR EXB28V104JX	T	52.3/43.6
R431	7410001150	S.ARR EXB28V471JX	T	17.9/40.3
R432	7410001140	S.ARR EXB28V104JX	T	15.2/48.2
R433	7410001150	S.ARR EXB28V471JX	T	39.6/23
R434	7410000750	S.ARR EXB-V4V 104JV (100K)	B	36.8/48.5
R435	7410001140	S.ARR EXB28V104JX	B	39.1/47.8
R436	7410001140	S.ARR EXB28V104JX	B	44.3/41.2
R438	7410001140	S.ARR EXB28V104JX	B	34.4/47.7
R443	7030005000	S.RES ERJ2GEJ 471 X (470)	T	60.4/59.2
R444	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/33.6
R445	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/36.1
R446				

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R500	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	21.2/57.5
R501	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	22.8/53.8
R502	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	28/55
R503	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	55.5/58.4
R505	7030010040	S.RES ERJ2GEJ-JPW	T	113.4/18.3
R506	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	113.4/19.3
R507	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	115/19.3
R508	7030010040	S.RES ERJ2GEJ-JPW	T	144.6/119.6
R509	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	33.3/15.2
R510	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	29/14.1
R511	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	29.1/18.5
R512	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.8/18.5
R513	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.3/90.4
R530	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	62.5/66.3
R531	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	64.6/78.2
R532	7030005000	S.RES ERJ2GEJ 471 X (470)	B	45.1/37.1
R533	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	57.2/18.4
R534	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	45.3/58.6
R535	7030004980	S.RES ERJ2GEJ 101 X (100)	B	55.8/55.3
R536	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	55.8/58.6
R537	7030010040	S.RES ERJ2GEJ-JPW	T	61.4/41.2
R539	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	64.2/71.2
R540	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	90.6/17.9
R541	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	28.9/55
R542	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	39.9/72.7
R543	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	40.8/71.1
C1	4030017420	S.CER ECJ0EC1H470J	B	120.7/39
C2	4030017420	S.CER ECJ0EC1H470J	B	22.9/78.1
C3	4030016930	S.CER ECJ0EB1A104K	B	130.8/50.2
C4	4030017420	S.CER ECJ0EC1H470J	B	122.2/37.1
C5	4030017420	S.CER ECJ0EC1H470J	B	21.7/77.1
C6	4030016930	S.CER ECJ0EB1A104K	B	55.4/77.9
C7	4030017420	S.CER ECJ0EC1H470J	B	123.1/37.1
C8	4030017420	S.CER ECJ0EC1H470J	B	21.7/75.5
C9	4030017460	S.CER ECJ0EB1E102K	T	17.6/59
C10	4030016930	S.CER ECJ0EB1A104K	B	55.7/77.9
C11	4030016930	S.CER ECJ0EB1A104K	B	124/37.1
C12	4030016930	S.CER ECJ0EB1A104K	B	22.1/74.3
C13	4030016930	S.CER ECJ0EB1A104K	B	55.6/80.7
C14	4030017460	S.CER ECJ0EB1E102K	T	16.1/59.9
C15	4030016930	S.CER ECJ0EB1A104K	T	62.4/67.5
C16	4030017420	S.CER ECJ0EC1H470J	T	56.2/64.5
C17	4030016930	S.CER ECJ0EB1A104K	B	115.6/40.6
C18	4030017700	S.CER ECJ0EC1H151J	T	62.4/71.2
C19	4030016930	S.CER ECJ0EB1A104K	B	22.9/80.3
C20	4550006250	S.TAN TEESVA 1A 106M8R	B	115.4/37.5
C21	4550006250	S.TAN TEESVA 1V 106M8R	B	21.3/80.5
C22	4030016930	S.CER ECJ0EB1A104K	B	50/77.9
C23	4030016930	S.CER ECJ0EB1A104K	T	57.8/52.6
C24	4030016930	S.CER ECJ0EB1A104K	B	50.3/81.1
C25	4030016930	S.CER ECJ0EB1A104K	B	54.4/81.1
C26	4030017460	S.CER ECJ0EB1E102K	B	117.8/39.2
C27	4030017460	S.CER ECJ0EB1E102K	B	23.8/80.3
C28	4030016930	S.CER ECJ0EB1A104K	B	53.3/77.9
C30	4030017460	S.CER ECJ0EB1E102K	T	59.8/67
C31	4030016930	S.CER ECJ0EB1A104K	T	60.5/53
C32	4030017590	S.CER ECJ0EC1H070C	B	38.4/79.1
C33	4030016930	S.CER ECJ0EB1A104K	T	58.9/67
C34	4030017570	S.CER ECJ0EC1H040B	B	37.2/78.7
C35	4030016930	S.CER ECJ0EB1A104K	B	38.3/76
C36	4030017500	S.CER ECJ0EC1H560J	B	37.2/79.6
C37	4030016930	S.CER ECJ0EB1A104K	B	48.4/79.8
C38	4030016930	S.CER ECJ0EB1A104K	B	69.8/78.2
C39	4030017360	S.CER ECJ0EC1H030B	B	71.4/77.3
C40	4030017760	S.CER ECJ0EB1H222K	B	68.2/77.3
C41	4030018860	S.CER ECJ0EB0J105K	B	31/58.2
C42	4030017760	S.CER ECJ0EB1H222K	B	68.2/76.4
C43	4030016930	S.CER ECJ0EB1A104K	B	55.6/49
C44	4030018860	S.CER ECJ0EB0J105K	B	35.7/56.4
C45	4030016950	S.CER ECJ0EB1A473K	B	34.5/55.2
C47	4030017460	S.CER ECJ0EB1E102K	B	64.6/77.3
C48	4030016930	S.CER ECJ0EB1A104K	T	52.7/54.4
C49	4030018860	S.CER ECJ0EB0J105K	B	15.6/58.3
C50	4030016930	S.CER ECJ0EB1A104K	B	130.8/48.4
C51	4030017620	S.CER ECJ0EC1H100C	B	125.1/45.3
C52	4030017420	S.CER ECJ0EC1H470J	B	120.6/48.8
C53	4030017420	S.CER ECJ0EC1H470J	B	32.7/78.4
C54	4030017660	S.CER ECJ0EC1H330J	B	32.7/77.3
C56	4030016950	S.CER ECJ0EB1A473K	B	31.9/59.1
C59	4030017430	S.CER ECJ0EC1H101J	B	32.7/76.4
C60	4030017620	S.CER ECJ0EC1H100C	B	32.3/72.9
C61	4030018900	S.CER ECJ0EB0J474K	B	18/63.8
C62	4030016930	S.CER ECJ0EB1A104K	B	33.6/55.2
C63	4030016930	S.CER ECJ0EB1A104K	T	55.5/61.6
C66	4030017430	S.CER ECJ0EC1H101J	B	123.5/48.4
C67	4030017460	S.CER ECJ0EB1E102K	B	67.5/87.7
C69	4030016930	S.CER ECJ0EB1A104K	B	29.8/63
C70	4030017460	S.CER ECJ0EB1E102K	B	64.3/79.4
C71	4030016930	S.CER ECJ0EB1A104K	B	57.6/43.3
C72	4030018910	S.CER C1608 JB 0J 475K-T	B	29.3/61.9
C73	4030017460	S.CER ECJ0EB1E102K	B	96.3/45.4
C75	4030017460	S.CER ECJ0EB1E102K	B	36/105.6
C77	4030016930	S.CER ECJ0EB1A104K	T	53.9/57.7
C78	4030017460	S.CER ECJ0EB1E102K	B	119.7/50.4
C79	4030017460	S.CER ECJ0EB1E102K	B	34.3/79.5
C80	4030017350	S.CER ECJ0EC1H020B [USA-01]	B	102.4/45.6
	4030017350	S.CER ECJ0EC1H020B [EXP-01]		
	4030017350	S.CER ECJ0EC1H020B [CHN-02]		
	4030017550	S.CER ECJ0EC1H1R5B [USA-02]		
	4030017550	S.CER ECJ0EC1H1R5B [EXP-02]		
	4030017350	S.CER ECJ0EC1H020B [EUR-01]		

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C81	4030017350	S.CER ECJ0EC1H020B [USA-01]	B	42.2/99.6
	4030017350	S.CER ECJ0EC1H020B [EXP-01]		
	4030017350	S.CER ECJ0EC1H020B [CHN-02]		
	4030017550	S.CER ECJ0EC1H1R5B [USA-02]		
	4030017550	S.CER ECJ0EC1H1R5B [EXP-02]		
	4030017350	S.CER ECJ0EC1H020B [EUR-01]		
C82	4550006250	S.TAN TEESVA 1A 106M8R	B	61.1/79.2
C83	4030017460	S.CER ECJ0EB1E102K	B	71.7/86.7
C84	4030017420	S.CER ECJ0EC1H470J	B	74.7/81.1
C85	4030017590	S.CER ECJ0EC1H070C	B	56/43.3
C86	4030016930	S.CER ECJ0EB1A104K	B	51.7/47.1
C87	4030018910	S.CER C1608 JB 0J 475K-T	B	54.3/48.4
C88	4030017770	S.CER ECJ0EB1E332K	B	86.7/40.6
C89	4030017770	S.CER ECJ0EB1E332K	B	28/99.3
C90	4030017680	S.CER ECJ0EC1H820J	B	69.1/86.7
C91	4030016930	S.CER ECJ0EB1A104K	T	60.7/66.3
C92	4030016790	S.CER ECJ0EB1C103K	B	72.7/88
C93	4030017460	S.CER ECJ0EB1E102K	B	70/87.9
C96	4030018910	S.CER C1608 JB 0J 475K-T	B	49.2/48.9
C97	4030016930	S.CER ECJ0EB1A104K	B	57.4/50.6
C98	4030017460	S.CER ECJ0EB1E102K	B	35.1/107.3
C99	4030017460	S.CER ECJ0EB1E102K	B	40.8/72.7
C101	4030017620	S.CER ECJ0EC1H100C	B	37.7/63.2
C102	4550000560	S.TAN TEESVA 1V 334M8R	B	84.7/72.7
C103	4550003260	S.TAN TEESVA 1V 684M8R	B	26.2/100.4
C104	4030016930	S.CER ECJ0EB1A104K	B	39.9/74.5
C105	4030017520	S.CER ECJ0EC1H0R3B	B	103.2/47.8
C106	4030017340	S.CER ECJ0EC1H010B	B	47/100.1
C107	4030017590	S.CER ECJ0EC1H070C	B	72.3/89.5
C108	4030017460	S.CER ECJ0EB1E102K	B	94.5/47.1
C109	4030017530	S.CER ECJ0EC1H0R5B	B	101.9/48.3
C110	4030017530	S.CER ECJ0EC1H0R5B	B	46.5/101.4
C111	4030016790	S.CER ECJ0EB1C103K	B	70.7/92.3
C112	4550000270	S.TAN TEESVA 1E 474M8R	B	84.7/47.9
C113	4550000270	S.TAN TEESVA 1E 474M8R	B	26.2/105.6
C114	4030017520	S.CER ECJ0EC1H0R3B	B	103.2/49.6
C115	4030017550	S.CER ECJ0EC1H1R5B [USA-01]	B	47/102.8
	4030017550	S.CER ECJ0EC1H1R5B [EXP-01]		
	4030017550	S.CER ECJ0EC1H1R5B [CHN-02]		
	4030017340	S.CER ECJ0EC1H010B [USA-02]		
	4030017340	S.CER ECJ0EC1H010B [EXP-02]		
	4030017550	S.CER ECJ0EC1H1R5B [EUR-01]		
C116	4030017460	S.CER ECJ0EB1E102K	B	70.7/89.5
C117	4030016790	S.CER ECJ0EB1C103K	B	69.1/90.4
C118	4030016790	S.CER ECJ0EB1C103K	B	69.1/91.3
C121	4030016790	S.CER ECJ0EB1C103K	B	71.1/94.8
C122	4030016790	S.CER ECJ0EB1C103K	B	67.2/91.6
C123	4030016930	S.CER ECJ0EB1A104K	B	67.5/100.1
C124	4030016930	S.CER ECJ0EB1A104K	B	48.5/50.5
C125	4030016790	S.CER ECJ0EB1C103K	B	95.4/37.5
C126	4030016790	S.CER ECJ0EB1C103K	B	57.2/35.1
C127	4030016790	S.CER ECJ0EB1C103K	B	36/103.9
C133	4030017590	S.CER ECJ0EC1H070C	B	59.4/92.8
C134	4550003260	S.TAN TEESVA 1V 684M8R	B	26.2/112.4
C135	4030016930	S.CER ECJ0EB1A104K	B	37.8/103.9
C136	4030016930	S.CER ECJ0EB1A104K	B	50.4/36.8
C137	4030017620	S.CER ECJ0EC1H100C	B	56.2/38.3
C138	4030017640	S.CER ECJ0EC1H150J	B	75.8/101.1
C139	4030017650	S.CER ECJ0EC1H270J	B	59.4/91.9
C140	4030016930	S.CER ECJ0EB1A104K	B	55.3/36.7
C141	4550000270	S.TAN TEESVA 1E 474M8R	B	82.6/97.9
C144	4550006250	S.TAN TEESVA 1A 106M8R	B	94.7/41.5
C145	4030017420	S.CER ECJ0EC1H470J	B	50.4/38.5
C146	4030017460	S.CER ECJ0EB1E102K	B	56.2/35.1
C147	4550006250	S.TAN TEESVA 1A 106M8R	B	33.3/100.4
C149	4030016790	S.CER ECJ0EB1C103K	B	69.4/95.7
C150	4030016790	S.CER ECJ0EB1C103K	B	65.7/97.3
C151	4030017610	S.CER ECJ0EC1H090C	B	61.7/97.1
C152	4030016930	S.CER ECJ0EB1A104K	B	55.3/32.4
C153	4030017380	S.CER ECJ0EC1H150J	B	49.8/34.9
C154	4030017420	S.CER ECJ0EC1H470J	B	26.5/120.6
C155	4030017460	S.CER ECJ0EB1E102K	B	26.5/123.2
C156	4030017420	S.CER ECJ0EC1H470J	B	28.5/111.5
C157	4030017460	S.CER ECJ0EB1E102K	B	28/117.2
C158	4030017420	S.CER ECJ0EC1H470J	B	81.7/62.1
C159	4030017420	S.CER ECJ0EC1H470J	B	81.7/53.6
C160	4030016790	S.CER ECJ0EB1C103K	B	65.7/104.4
C161	4030016790	S.CER ECJ0EB1C103K	B	62.7/98.9
C162	4030016930	S.CER ECJ0EB1A104K	B	81.7/67.1
C163	4030016930	S.CER ECJ0EB1A104K	B	81.7/58.6
C164	4030016930	S.CER ECJ0EB1A104K	B	49.5/36.8
C165	4030017460	S.CER ECJ0EB1E102K	B	81.7/66.2
C166	4030017460	S.CER ECJ0EB1E102K	B	81.7/57.7
C167	4030017460	S.CER ECJ0EB1E102K	B	97.3/45.4
C168	4030017380	S.CER ECJ0EC1H050B	B	32.6/124.3
C169	4030017620	S.CER ECJ0EC1H100C [USA-01]	B	30.8/124.4
	4030017620	S.CER ECJ0EC1H100C [EXP-01]		
	4030017620	S.CER ECJ0EC1H100C [CHN-02]		
	4030017570	S.CER ECJ0EC1H040B [USA-02]		
	4030017570	S.CER ECJ0EC1H040B [EXP-02]		

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C173	4030017630	S.CER ECJ0EC1H120J [USA-01]	B	86.5/65.3
	4030017630	S.CER ECJ0EC1H120J [EXP-01]		
	4030017630	S.CER ECJ0EC1H120J [CHN-02]		
C174	4030017620	S.CER ECJ0EC1H100C [USA-02]		85.7/55
	4030017620	S.CER ECJ0EC1H100C [EXP-02]		
	4030017590	S.CER ECJ0EC1H070C [USA-01]	B	
	4030017590	S.CER ECJ0EC1H070C [EXP-01]		
	4030017590	S.CER ECJ0EC1H070C [CHN-02]		
C175	4030017580	S.CER ECJ0EC1H060C [USA-02]		85.7/55.9
	4030017580	S.CER ECJ0EC1H060C [EXP-02]		
	4030017590	S.CER ECJ0EC1H070C [EUR-01]		
	4030017390	S.CER ECJ0EC1H180J [USA-01]	B	
	4030017390	S.CER ECJ0EC1H180J [EXP-01]		
C176	4030017390	S.CER ECJ0EC1H180J [CHN-02]		85.7/55.9
	4030017390	S.CER ECJ0EC1H180J [EXP-01]		
	4030017390	S.CER ECJ0EC1H070C [USA-02]		
	4030017390	S.CER ECJ0EC1H070C [EXP-02]		
	4030017390	S.CER ECJ0EC1H180J [EUR-01]		
C177	4030018860	S.CER ECJ0EB0J105K [USA-01]	T	62.9/51
	4030017380	S.CER ECJ0EC1H050B [EXP-01]	B	35.6/120.7
	4030017380	S.CER ECJ0EC1H050B [CHN-02]		
	4030017380	S.CER ECJ0EC1H050B [EXP-02]		
	4030017350	S.CER ECJ0EC1H020B [USA-02]		
C178	4030017350	S.CER ECJ0EC1H020B [EXP-02]		32/112.2
	4030017380	S.CER ECJ0EC1H050B [EUR-01]		
	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	
	4030017580	S.CER ECJ0EC1H060C [EXP-01]		
	4030017580	S.CER ECJ0EC1H060C [CHN-02]		
C179	4030017360	S.CER ECJ0EC1H030B [USA-02]		14.9/129.1
	4030017360	S.CER ECJ0EC1H030B [EXP-02]		
	4030017580	S.CER ECJ0EC1H060C [EUR-01]		
	4030017420	S.CER ECJ0EC1H470J [USA-01]	T	
	4030017600	S.CER ECJ0EC1H080C [EXP-01]	B	
C180	4030017600	S.CER ECJ0EC1H080C [CHN-02]		91.5/62
	4030017600	S.CER ECJ0EC1H080C [USA-02]		
	4030017570	S.CER ECJ0EC1H040B [USA-01]		
	4030017570	S.CER ECJ0EC1H040B [EXP-02]		
	4030017600	S.CER ECJ0EC1H080C [EUR-01]		
C181	4030017590	S.CER ECJ0EC1H070C [USA-01]	B	87.1/52.9
	4030017590	S.CER ECJ0EC1H070C [EXP-01]		
	4030017590	S.CER ECJ0EC1H070C [CHN-02]		
	4030017380	S.CER ECJ0EC1H050B [USA-02]		
	4030017380	S.CER ECJ0EC1H050B [EXP-02]		
C182	4030017590	S.CER ECJ0EC1H070C [EUR-01]		63.1/104.4
	4030017420	S.CER ECJ0EC1H470J [USA-01]	T	
	4030017620	S.CER ECJ0EC1H100C [EXP-01]	B	
	4030017630	S.CER ECJ0EC1H120J [USA-01]		
	4030017630	S.CER ECJ0EC1H120J [EXP-01]		
C183	4030017610	S.CER ECJ0EC1H090C [USA-02]		14.9/131.3
	4030017610	S.CER ECJ0EC1H090C [EXP-02]		
	4030017630	S.CER ECJ0EC1H120J [EUR-01]		
	4030017420	S.CER ECJ0EC1H470J [USA-01]	B	
	4030017420	S.CER ECJ0EC1H470J [EXP-01]		
C184	4030017540	S.CER ECJ0EC1HR75B [USA-01]	B	98.2/48.8
	4030017540	S.CER ECJ0EC1HR75B [EXP-01]		
	4030017540	S.CER ECJ0EC1HR75B [CHN-02]	B	
	4030017530	S.CER ECJ0EC1HOR5B [USA-02]		
	4030017530	S.CER ECJ0EC1HOR5B [EXP-02]		
C185	4030017540	S.CER ECJ0EC1HR75B [EUR-01]		89.4/66.8
	4030017360	S.CER ECJ0EC1H030B [USA-01]	B	
	4030017340	S.CER ECJ0EC1H010B [EXP-01]	B	
	4030017350	S.CER ECJ0EC1H020B [USA-02]	B	
	4030017350	S.CER ECJ0EC1H020B [CHN-02]		
C186	4030017340	S.CER ECJ0EC1H010B [EXP-02]		90.6/66.6
	4030017340	S.CER ECJ0EC1H010B [EUR-01]		
	4030017350	S.CER ECJ0EC1H020B [USA-01]	B	
	4030017340	S.CER ECJ0EC1H010B [USA-02]	B	
	4030017340	S.CER ECJ0EC1H010B [EXP-02]		
C187	4030017340	S.CER ECJ0EC1H010B [EXP-02]		87/57.2
	4030017350	S.CER ECJ0EC1H020B [USA-01]	B	
	4030017350	S.CER ECJ0EC1H020B [CHN-02]	B	
	4030017340	S.CER ECJ0EC1H010B [USA-02]		
	4030017340	S.CER ECJ0EC1H010B [EXP-02]		
C188	4030017340	S.CER ECJ0EC1H010B [EXP-02]		87/58.2
	4030017350	S.CER ECJ0EC1H020B [USA-01]	B	
	4030017350	S.CER ECJ0EC1H020B [CHN-02]		
	4030017340	S.CER ECJ0EC1H010B [USA-02]	B	
	4030017340	S.CER ECJ0EC1H010B [EXP-02]		
C189	4030017340	S.CER ECJ0EC1H010B [EXP-02]		98.2/48.8
	4030017540	S.CER ECJ0EC1HR75B [USA-01]	B	
	4030017540	S.CER ECJ0EC1HR75B [EXP-01]		
	4030017540	S.CER ECJ0EC1HR75B [CHN-02]		
	4030017530	S.CER ECJ0EC1HOR5B [USA-02]		
C190	4030017530	S.CER ECJ0EC1HOR5B [EXP-02]		89.4/65.7
	4030017540	S.CER ECJ0EC1HR75B [EUR-01]		
	4030017360	S.CER ECJ0EC1H030B [USA-01]	B	
	4030017340	S.CER ECJ0EC1H010B [EXP-01]	B	
	4030017340	S.CER ECJ0EC1H010B [USA-02]		
C191	4030017340	S.CER ECJ0EC1H010B [EXP-02]		90.5/56.3
	4030017350	S.CER ECJ0EC1H020B [EUR-01]		
	4030017380	S.CER ECJ0EC1H050B [USA-01]	B	
	4030017380	S.CER ECJ0EC1H050B [EXP-01]		
	4030017380	S.CER ECJ0EC1H050B [CHN-02]		
C192	4030017640	S.CER ECJ0EC1H150J [USA-02]		90.5/56.3
	4030017640	S.CER ECJ0EC1H150J [EXP-02]		
	4030017380	S.CER ECJ0EC1H050B [EUR-01]		
	4030017640	S.CER ECJ0EC1H150J [USA-01]	B	
	4030017640	S.CER ECJ0EC1H150J [CHN-02]		
C193	4030017600	S.CER ECJ0EC1H080C [USA-02]		61.4/107.1
	4030017600	S.CER ECJ0EC1H080C [EXP-02]		
	4030017640	S.CER ECJ0EC1H150J [EUR-01]		
	4030017460	S.CER ECJ0EB1E102K [USA-01]	B	
	4030017460	S.CER ECJ0EB1E102K [EXP-01]	B	
C194	4030017580	S.CER ECJ0EC1H060C [USA-01]		36.8/122.8
	4030017580	S.CER ECJ0EC1H060C [EXP-01]		
	4030017580	S.CER ECJ0EC1H060C [CHN-02]		
	4030017600	S.CER ECJ0EC1H080C [USA-02]		
	4030017600	S.CER ECJ0EC1H080C [EXP-02]		
C195	4030017580	S.CER ECJ0EC1H060C [EUR-01]		61.4/107.1
	4030017630	S.CER ECJ0EC1H120J [USA-01]	B	
	4030017620	S.CER ECJ0EC1H100C [EXP-01]	B	
	4030017640	S.CER ECJ0EC1H150J [USA-02]	B	
	4030017640	S.CER ECJ0EC1H150J [EXP-02]	B	
C196	4030017620	S.CER ECJ0EC1H100C [USA-01]		40.1/120.7
	4030017620	S.CER ECJ0EC1H100C [EXP-01]		
	4030017640	S.CER ECJ0EC1H150J [USA-02]	B	
	4030016790	S.CER ECJ0EB1C103K [EUR-01]	B	
	4030017570	S.CER ECJ0EC1H090C [EXP-01]	B	
C197	4030017620	S.CER ECJ0EC1H100C [USA-02]		37.6/114.4
	4030017620	S.CER ECJ0EC1H100C [EXP-02]		
	4030017610	S.CER ECJ0EC1H090C [USA-01]	B	
	4030017390	S.CER ECJ0EC1H180J [EXP-01]	B	
	4030017390	S.CER ECJ0EC1H180J [CHN-02]	B	
C198	4550006250	S.TAN TEESVA 1A 106M8R [USA-01]	T	81.7/17
	4550006250	S.TAN TEESVA 1A 106M8R [EXP-01]		
	4550006250	S.TAN TEESVA 1A 106M8R [CHN-02]		
	4030017490	S.CER C1608 JB 1A 105K-T [USA-01]	T	
	4030017490	S.CER C1608 JB 1A 105K-T [EXP-01]	T	
C199	4030017490	S.CER C1608 JB 1A 105K-T [CHN-02]	T	80/16.6
	4030017490	S.CER C1608 JB 1A 105K-T [EXP-02]	T	
	4030017490	S.CER C1608 JB 1A 105K-T [EUR-01]	T	
	4030016930	S.CER ECJ0EB1A104K [USA-01]	B	
	4030016930	S.CER ECJ0EB1A104K [EXP-01]	B	
C200	4030017620	S.CER ECJ0EB1C103K [USA-01]	B	38.3/120.7
	4030017620	S.CER ECJ0EB1C103K [EXP-01]	B	
	4030017620	S.CER ECJ0EB1C103K [CHN-02]	B	
	4030017660	S.CER ECJ0EC1H330J [USA-01]	B	
	4030017660	S.CER ECJ0EC1H330J [EXP-01]	B	
C201	4030017660	S.CER ECJ0EC1H330J [CHN-02]	B	68.5/106.1
	4030017660	S.CER ECJ0EC1H330J [EXP-02]	B	
	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	
	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	
C202	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	66.8/107
	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	
	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	
C203	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	92.4/64.3
	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	
	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	
	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	
C204	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	96/62
	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	
	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	
C205	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	93.1/55.4
	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	
	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	
	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	
C206	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	96.3/52.9
	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	
	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	
C207	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	81.7/17
	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	
	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	
	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	
C208	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	85.1/17
	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	
	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	
C209	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	88.8/16.7
	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	
	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	
	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	
C210	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	80/16.6
	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	
	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	
C211	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	83.4/16.6
	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	
	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	
	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	
C212	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	86.9/16.3
	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	
	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	
C213	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	39.2/112.2
	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	
	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	
	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	
C214	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	68.5/106.1
	4030017660	S.CER ECJ0EB1E102K [USA-01]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-01]	B	
	4030017660	S.CER ECJ0EB1E102K [CHN-02]	B	
	4030017660	S.CER ECJ0EB1E102K [EXP-02]	B	

[MAIN/MAIN-A UNIT]

REF NO.
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[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C286	4030017530	S.CER ECJ0EC1H0R5B	B	64.5/139.2
C287	4030017350	S.CER ECJ0EC1H020B [USA-01]	B	61.8/134.7
	4030017350	S.CER ECJ0EC1H020B [EXP-01]		
	4030017350	S.CER ECJ0EC1H020B [CHN-02]		
	4030017550	S.CER ECJ0EC1H1R5B [USA-02]		
	4030017550	S.CER ECJ0EC1H1R5B [EXP-02]		
	4030017350	S.CER ECJ0EC1H020B [EUR-01]		
C291	4030017340	S.CER ECJ0EC1H010B [USA-01]	B	102.4/66.6
	4030017340	S.CER ECJ0EC1H010B [EXP-01]		
	4030017340	S.CER ECJ0EC1H010B [CHN-02]		
	4030017340	S.CER ECJ0EC1H010B [EUR-01]		
C292	4030017460	S.CER ECJ0EB1E102K	B	65/136.3
C293	4030017620	S.CER ECJ0EC1H100C [USA-01]	B	62.9/137.9
	4030017620	S.CER ECJ0EC1H100C [EXP-01]		
	4030017620	S.CER ECJ0EC1H100C [CHN-02]		
	4030017580	S.CER ECJ0EC1H060C [USA-02]		
	4030017580	S.CER ECJ0EC1H060C [EXP-02]		
	4030017620	S.CER ECJ0EC1H100C [EUR-01]		
C294	4030017530	S.CER ECJ0EC1H0R5B	B	58.3/138.5
C295	4030017460	S.CER ECJ0EB1E102K	B	65/134.7
C296	4030017620	S.CER ECJ0EC1H100C [USA-01]	B	56.1/138
	4030017620	S.CER ECJ0EC1H100C [EXP-01]		
	4030017620	S.CER ECJ0EC1H100C [CHN-02]		
	4030017580	S.CER ECJ0EC1H060C [USA-02]		
	4030017580	S.CER ECJ0EC1H060C [EXP-02]		
	4030017620	S.CER ECJ0EC1H100C [EUR-01]		
C298	4030017460	S.CER ECJ0EB1E102K	B	136.2/82.9
C299	4030017460	S.CER ECJ0EB1E102K	B	50.4/133.8
C300	4030017460	S.CER ECJ0EB1E102K	B	54.1/133.9
C301	4030016790	S.CER ECJ0EB1C103K	B	51.4/133.8
C302	4030017460	S.CER ECJ0EB1E102K	B	52/138.5
C303	4030017370	S.CER ECJ0EC1H3R5B	B	131.4/82.3
C304	4030017420	S.CER ECJ0EC1H470J	B	136.2/81.9
C305	4030017420	S.CER ECJ0EC1H470J	B	46.4/133.8
C306	4030017460	S.CER ECJ0EB1E102K	B	47.4/133.8
C307	4030017460	S.CER ECJ0EB1E102K	B	45.4/138.3
C309	4030017420	S.CER ECJ0EC1H470J	B	136.8/84.5
C310	4030017380	S.CER ECJ0EC1H050B [USA-01]	B	134.9/85.9
	4030017380	S.CER ECJ0EC1H050B [EXP-01]		
	4030017380	S.CER ECJ0EC1H050B [CHN-02]		
	4030017370	S.CER ECJ0EC1H3R5B [USA-02]		
	4030017370	S.CER ECJ0EC1H3R5B [EXP-02]		
	4030017380	S.CER ECJ0EC1H050B [EUR-01]		
C311	4030016930	S.CER ECJ0EB1A104K	B	45.4/140.4
C312	4030017420	S.CER ECJ0EC1H470J	B	50.4/140.4
C313	4030016930	S.CER ECJ0EB1A104K	B	46.4/140.4
C314	4030017460	S.CER ECJ0EB1E102K	B	49.4/140.4
C315	4030017730	S.CER ECJ0EB1E471K	B	137.8/84.5
C316	4030017570	S.CER ECJ0EC1H040B	B	130.4/80.9
C321	4030017420	S.CER ECJ0EC1H470J	T	66/57.5
C322	4030017420	S.CER ECJ0EC1H470J	T	67.6/54.3
C323	4030017620	S.CER ECJ0EC1H100C	B	44.4/137.7
C324	4030017530	S.CER ECJ0EC1H0R5B [USA-01]	B	134.9/88.3
	4030017530	S.CER ECJ0EC1H0R5B [EXP-01]		
	4030017530	S.CER ECJ0EC1H0R5B [CHN-02]		
	4030017520	S.CER ECJ0EC1H0R3B [USA-02]		
	4030017520	S.CER ECJ0EC1H0R3B [EXP-02]		
	4030017530	S.CER ECJ0EC1H0R5B [EUR-01]		
C326	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	39.3/138.2
	4030017580	S.CER ECJ0EC1H060C [EXP-01]		
	4030017580	S.CER ECJ0EC1H060C [CHN-02]		
	4030017590	S.CER ECJ0EC1H070C [USA-02]		
	4030017590	S.CER ECJ0EC1H070C [EXP-02]		
	4030017580	S.CER ECJ0EC1H060C [EUR-01]		
C327	4030017360	S.CER ECJ0EC1H030B [USA-01]	B	141.8/89.2
	4030017360	S.CER ECJ0EC1H030B [EXP-01]		
	4030017360	S.CER ECJ0EC1H030B [CHN-02]		
	4030017360	S.CER ECJ0EC1H030B [USA-02]		
	4030017360	S.CER ECJ0EC1H030B [EXP-02]		
	4030017350	S.CER ECJ0EC1H020B [EUR-01]		
C328	4030017420	S.CER ECJ0EC1H470J	B	140.9/85.4
C329	4030017410	S.CER ECJ0EC1H240J [USA-01]	B	38.4/133.5
	4030017410	S.CER ECJ0EC1H240J [EXP-01]		
	4030017410	S.CER ECJ0EC1H240J [CHN-02]		
	4030017390	S.CER ECJ0EC1H180J [USA-02]		
	4030017390	S.CER ECJ0EC1H180J [EXP-02]		
	4030017410	S.CER ECJ0EC1H240J [EUR-01]		
C330	4030017460	S.CER ECJ0EB1E102K	B	139.9/85.4
C331	4030017460	S.CER ECJ0EB1E102K	B	59.2/140.4
C332	4030018860	S.CER ECJ0EB0J105K	B	55/140.4
C333	4030016930	S.CER ECJ0EB1A104K	T	23.1/29.4
C335	4030017550	S.CER ECJ0EC1H1R5B	B	144/89.5
C336	4030018860	S.CER ECJ0EB0J105K	B	60.1/140.4
C337	4030017580	S.CER ECJ0EC1H060C	B	142.6/91.7
C338	4030017550	S.CER ECJ0EC1H1R5B	B	39.3/139.1
C339	4030017460	S.CER ECJ0EB1E102K	B	32.5/134
C340	4030016930	S.CER ECJ0EB1A104K	T	54/20.3
C341	4030017420	S.CER ECJ0EC1H470J	T	143.1/123.3
C342	4030017730	S.CER ECJ0EB1E471K	T	138.8/108
C345	4030017460	S.CER ECJ0EB1E102K	B	30.6/135.9
C346	4030017420	S.CER ECJ0EC1H470J	T	63.1/57.2
C347	4030017460	S.CER ECJ0EB1E102K	T	143.1/124.2
C348	4030017420	S.CER ECJ0EC1H470J	T	63.8/55.2
C349	4030017580	S.CER ECJ0EC1H060C	B	143.5/95.2
C350	4030017420	S.CER ECJ0EC1H470J	T	138.7/112.3
C351	4030017460	S.CER ECJ0EB1E102K	T	138.7/113.2
C352	4030017410	S.CER ECJ0EC1H240J [USA-01]	B	31.6/137.9
	4030017410	S.CER ECJ0EC1H240J [EXP-01]		
	4030017410	S.CER ECJ0EC1H240J [CHN-02]		
	4030017390	S.CER ECJ0EC1H180J [USA-02]		
	4030017390	S.CER ECJ0EC1H180J [EXP-02]		
	4030017410	S.CER ECJ0EC1H240J [EUR-01]		
C353	4030017460	S.CER ECJ0EB1E102K	T	140.4/118.8
C354	4030017420	S.CER ECJ0EC1H470J	T	106.6/115.9

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C355	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	37.5/136.8
	4030017580	S.CER ECJ0EC1H060C [EXP-01]		
	4030017580	S.CER ECJ0EC1H060C [CHN-02]		
	4030017590	S.CER ECJ0EC1H070C [USA-02]		
	4030017590	S.CER ECJ0EC1H070C [EXP-02]		
	4030017580	S.CER ECJ0EC1H060C [EUR-01]		
C357	4030017630	S.CER ECJ0EC1H120J	B	39.3/140
C358	4030016790	S.CER ECJ0EB1C103K	T	137.5/128.2
C359	4510009550	S.ELE EEEFK1C100R	T	107.2/86.5
C360	4030017460	S.CER ECJ0EB1E102K	T	106.6/116.8
C361	4030011030	S.CER GRM31M4C2H1R5CY21L (GRM42-6 CK) [EUR-01] only	B	100.2/115.8
C362	4030017510	S.CER ECJ0EC1H680J	B	39.7/144.6
C364	4030011020	S.CER GRM31M4C2H1R0CY21L (GRM42-6 CK)	B	89.8/119.8
C365	4030017730	S.CER ECJ0EB1E471K	T	106.6/117.7
C366	4030016970	S.CER ECJ0EB1C223K	T	142.4/126.6
C367	4510009810	S.ELE EEEFK1E120R	T	107.3/95.1
C368	4030006860	S.CER C1608 JB 1H 102K-T	T	89.1/142
C369	4030017460	S.CER ECJ0EB1E102K	B	33.4/134
C370	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-01]	B	100.2/123.1
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-01]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [CHN-02]		
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [EUR-01]		
C371	4030006980	S.CER C1608 CH 1H 070D-T	T	35.5/142.5
C372	4030011100	S.CER GRM31M2C2H8R0DV01L (GRM42-6 CH)	B	100.2/121
C373	4030017780	S.CER ECJ0EB1E472K	T	136.7/123.8
C374	4030017420	S.CER ECJ0EC1H470J	B	85.2/129.8
C375	4030017460	S.CER ECJ0EB1E102K	T	113.1/95.2
C376	4030017350	S.CER ECJ0EC1H020B	B	86/138.8
C377	4030017420	S.CER ECJ0EC1H470J	B	84.2/119.4
C378	4030017420	S.CER ECJ0EC1H470J	T	112.2/95.2
C381	4030017400	S.CER ECJ0EC1H220J	T	111.3/95.2
C383	4030017460	S.CER ECJ0EB1E102K	T	114/78.2
C385	4030017460	S.CER ECJ0EB1E102K	B	22.8/142.4
C386	4030017460	S.CER ECJ0EB1E102K	T	139.2/119.6
C387	4030017600	S.CER ECJ0EC1H080C	B	89.7/137.9
C388	4510009550	S.ELE EEEFK1C100R	T	126.4/77.2
C389	4030017200	S.CER GRM31BR32J102KY01L (GHM1030 R)	B	96.8/130.4
C390	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH)	T	87.6/133.2
C391	4030017460	S.CER ECJ0EB1E102K	T	122.2/76
C392	4030017520	S.CER ECJ0EC1H0R3B	B	95.4/134.3
C393	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	98.4/126.8
C394	4550006250	S.TAN TEESVA 1A 106M8R	B	26.3/15.3
C395	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	100.5/126.9
C396	4510009550	S.ELE EEEFK1C100R	T	97/77.8
C397	4030017460	S.CER ECJ0EB1E102K	T	137.4/118.5
C398	4550006250	S.TAN TEESVA 1A 106M8R	B	31.7/15.5
C399	4030017460	S.CER ECJ0EB1E102K	T	100/76.1
C400	4030017460	S.CER ECJ0EB1E102K	B	86.2/129.8
C401	4030011080	S.CER GRM31M2C2H6R0DV01L (GRM42-6 CH)	B	103.2/130.9
C402	4030016930	S.CER ECJ0EB1A104K	T	47.2/71.6
C403	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	106.2/130.9
C404	4030017460	S.CER ECJ0EB1E102K	T	140.7/129.2
C405	4030017420	S.CER ECJ0EC1H470J	B	56.7/55.3
C406	4030016790	S.CER ECJ0EB1C103K	T	103.5/76.2
C407	4030011030	S.CER GRM31M4C2H1R5CY21L (GRM42-6 CK)	B	102.6/137.2
C408	4030017460	S.CER ECJ0EB1E102K	B	98.1/138.5
C409	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	110.9/136
C410	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [USA-01]	B	113/134
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EXP-01]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [CHN-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EUR-01]		
C411	4550007650	S.TAN F931V105MAABMA	T	37.5/68.6
C412	4030017460	S.CER ECJ0EB1E102K	T	112.6/78.5
C413	4030016930	S.CER ECJ0EB1A104K	T	38.5/71.9
C414	4030017420	S.CER ECJ0EC1H470J	B	29.7/135.9
C415	4550007650	S.TAN F931V105MAABMA	T	37.5/6

**[MAIN/MAIN-A UNIT]**

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C420	4030016930	S.CER ECJ0EB1A104K	B	27.4/18.5
C422	4030006860	S.CER C1608 JB 1H 102K-T	B	119.5/139.5
C423	4030017460	S.CER ECJ0EB1E102K	B	119.4/145.9
C424	4030016930	S.CER ECJ0EB1A104K	T	14.1/125.7
C426	4030009530	S.CER C1608 CH 1H 030B-T [USA-01]	B	120.8/139.5
	4030009530	S.CER C1608 CH 1H 030B-T [EXP-01]		
	4030009530	S.CER C1608 CH 1H 030B-T [CHN-02]		
	4030009530	S.CER C1608 CH 1H 030B-T [USA-02]		
	4030009530	S.CER C1608 CH 1H 030B-T [EXP-02]		
	4030009540	S.CER C1608 CH 1H 1R5B-T [EUR-01]		
C431	4030018860	S.CER ECJ0EB0J105K	B	33.3/13.6
C432	4030016930	S.CER ECJ0EB1A104K	T	10.8/120.6
C433	4030006860	S.CER C1608 JB 1H 102K-T	B	139.5/137.7
C434	4030017460	S.CER ECJ0EB1E102K	B	140.5/131
C435	4030017460	S.CER ECJ0EB1E102K	T	54.8/29.8
C436	4030011050	S.CER GRM31M3C2H3R0CY21L [USA-01]	B	144.8/138.6
	4030011050	S.CER GRM31M3C2H3R0CY21L [EXP-01]		
	4030011050	S.CER GRM31M3C2H3R0CY21L [CHN-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L [USA-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L [EXP-02]		
	4030011040	S.CER GRM31M4C2H2R0CY21L [EUR-01]		
C437	4030016930	S.CER ECJ0EB1A104K	B	34.4/12
C438	4030016790	S.CER ECJ0EB1C103K	T	112.8/88.2
C439	4510009810	S.ELE EEEFK1E220R	T	128.4/89.8
C440	4030018900	S.CER ECJ0EB0J474K	T	7.9/129.6
C441	4030017440	S.CER ECJ0EC1H221J	T	12/126.2
C442	4510008780	S.ELE EEE1EA471P	B	9.6/119.8
C443	4030017460	S.CER ECJ0EB1E102K	T	111.9/88.2
C444	4030011070	S.CER GRM31M2C2H5R0CY21L [USA-01]	B	147/148.9
	4030011070	S.CER GRM31M2C2H5R0CY21L [EXP-01]		
	4030011070	S.CER GRM31M2C2H5R0CY21L [CHN-02]		
	4030011070	S.CER GRM31M2C2H5R0CY21L [USA-02]		
	4030011070	S.CER GRM31M2C2H5R0CY21L [EXP-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L [EUR-01]		
C446	4030017460	S.CER ECJ0EB1E102K	T	6.6/130.1
C448	4030017460	S.CER ECJ0EB1E102K	T	128.8/102.4
C449	4510008870	S.ELE EEE1AA471UP	B	8.9/139.2
C450	4030016930	S.CER ECJ0EB1A104K	T	7/125.3
C451	4030018860	S.CER ECJ0EB0J105K	T	8.6/125.3
C452	4030018860	S.CER ECJ0EB0J105K	T	72/98.2
C453	4030017460	S.CER ECJ0EB1E102K	T	130.8/103.6
C454	4030017430	S.CER ECJ0EC1H101J	B	46.3/56.9
C458	4030017460	S.CER ECJ0EB1E102K	T	114.8/95.7
C459	4030017460	S.CER ECJ0EB1E102K	T	116.3/119.1
C460	4030017460	S.CER ECJ0EB1E102K	B	9.6/147.3
C461	4030017420	S.CER ECJ0EC1H470J	T	114.8/94.8
C462	4030017420	S.CER ECJ0EC1H470J	T	115.3/119.1
C463	4030017420	S.CER ECJ0EC1H470J	B	9.6/146.4
C464	4510009680	S.ELE EEEFK1E421P	B	144.4/121.1
C465	4550006250	S.TAN TEESVA 1A 106M8R	T	102.7/92
C466	4030017420	S.CER ECJ0EC1H470J	T	99.9/88
C467	4030016930	S.CER ECJ0EB1A104K	T	62.3/58.5
C468	4030016930	S.CER ECJ0EB1A104K	T	61.7/56.9
C470	4030018860	S.CER ECJ0EB0J105K	T	7.4/122.3
C471	4030016790	S.CER ECJ0EB1C103K	T	7/124.4
C472	4030018860	S.CER ECJ0EB0J105K	T	10.9/117.7
C473	4030018860	S.CER ECJ0EB0J105K	T	5/118.9
C474	4030017780	S.CER ECJ0EB1E472K	T	115.3/17.6
C475	4510008120	S.ELE 16 CE 100 BS	T	125.1/12.1
C476	4510008120	S.ELE 16 CE 100 BS	T	125.1/19.3
C477	4030017780	S.CER ECJ0EB1E472K	T	119/12.3
C478	4030017780	S.CER ECJ0EB1E472K	T	115.3/12.2
C479	4510008120	S.ELE 16 CE 100 BS	T	104.8/14.3
C481	4030017460	S.CER ECJ0EB1E102K	B	63.2/122.2
C491	4030016930	S.CER ECJ0EB1A104K	T	60.4/60.1
C492	4030016930	S.CER ECJ0EB1A104K	B	13.5/32.6
C493	4510008870	S.ELE EEE1AA471UP	B	66.3/45.3
C494	4030016930	S.CER ECJ0EB1A104K	T	117.2/92.6
C495	4030016930	S.CER ECJ0EB1A104K	T	117.2/90.7
C496	4030016930	S.CER ECJ0EB1A104K	T	122.4/92.2
C497	4030016930	S.CER ECJ0EB1A104K	T	109.7/82
C498	4030016930	S.CER ECJ0EB1A104K	T	11.4/43.2
C501	4030017420	S.CER ECJ0EC1H470J	T	12.2/31.2
C502	4030017420	S.CER ECJ0EC1H470J	T	29.5/2.8
C503	4030017420	S.CER ECJ0EC1H470J	T	48/99.4
C506	4030016930	S.CER ECJ0EB1A104K	B	26.3/43.3
C507	4030016930	S.CER ECJ0EB1A104K	B	32.9/31
C508	4030016930	S.CER ECJ0EB1A104K	B	40.1/42.7
C509	4030016930	S.CER ECJ0EB1A104K	B	26.2/39
C510	4030016930	S.CER ECJ0EB1A104K	B	26.6/33
C511	4030016930	S.CER ECJ0EB1A104K	B	40.1/34.2
C512	4030017420	S.CER ECJ0EC1H470J	T	92/14.7
C513	4550006250	S.TAN TEESVA 1A 106M8R	B	8.4/59.8
C514	4030016930	S.CER ECJ0EB1A104K	B	11.7/53.5
C515	4030016930	S.CER ECJ0EB1A104K	B	15.5/54.4
C516	4030016930	S.CER ECJ0EB1A104K	B	65.1/69.6
C517	4030016930	S.CER ECJ0EB1A104K	B	15.6/63.1
C518	4030016930	S.CER ECJ0EB1A104K	B	12.4/62.4
C519	4030017460	S.CER ECJ0EB1E102K	B	15.6/59.9
C521	4030016930	S.CER ECJ0EB1A104K	B	18.1/53.6
C522	4030016930	S.CER ECJ0EB1A104K	T	51.2/31.8
C523	4030016930	S.CER ECJ0EB1A104K	T	51.2/33

**[MAIN/MAIN-A UNIT]**

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C524	4030018910	S.CER C1608 JB 0J 475K-T	T	9.5/56
C525	4030018910	S.CER C1608 JB 0J 475K-T	B	25.8/58.3
C526	4030017730	S.CER ECJ0EB1E471K	B	29.8/57.9
C527	4030016790	S.CER ECJ0EB1C103K	B	26.1/50.3
C528	4030017670	S.CER ECJ0EC1H390J	B	37.4/120.7
C529	4030017630	S.CER ECJ0EC1H120J	B	38.3/112.2
C530	4030017420	S.CER ECJ0EC1H470J	T	60.4/62.3
C531	4030017670	S.CER ECJ0EC1H390J	B	93.3/62
C532	4030017670	S.CER ECJ0EC1H390J	B	93.6/52.9
C533	4510008120	S.ELE 16 CE 100 BS	T	125.1/26.4
C534	4030016790	S.CER ECJ0EB1C103K	T	118.5/26.7
C535	4030016790	S.CER ECJ0EB1C103K	B	67.4/101.6
C536	4030016790	S.CER ECJ0EB1C103K	B	65.7/98.3
C538	4030006860	S.CER C1608 JB 1H 102K-T	T	36.2/145.1
C539	4030017790	S.CER ECJ0EB1E682K	T	22.8/57
C540	4030017730	S.CER ECJ0EB1E471K	T	21.2/56.6
C541	4030016930	S.CER ECJ0EB1A104K	T	22.8/55.4
C542	4030017440	S.CER ECJ0EC1H221J	T	27.1/55
C543	4030016930	S.CER ECJ0EB1A104K	T	56.5/68.9
C544	4030017460	S.CER ECJ0EB1E102K	T	62.4/72.9
C545	4030011060	S.CER GRM31M2C2H4R0CY21L [USA-01]	T	97.6/106.8
	4030011060	S.CER GRM31M2C2H4R0CY21L [EXP-01]		
	4030011060	S.CER GRM31M2C2H4R0CY21L [CHN-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L [USA-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L [EXP-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L [EUR-01]		
C546	4030018910	S.CER C1608 JB 0J 475K-T	B	40.4/56.7
C547	4030017760	S.CER ECJ0EB1H222K	T	53.7/72.1
C548	4030016930	S.CER ECJ0EB1A104K	T	14.1/120.6
C549	4030017420	S.CER ECJ0EC1H470J	T	23.1/86.8
C550	4030017420	S.CER ECJ0EC1H470J	T	70.1/82.6
C551	4030017330	S.CER ECJ0EF1C104Z	T	114.2/28.9
C552	4030016790	S.CER ECJ0EB1C103K	B	121.9/48.8
C553	4030016930	S.CER ECJ0EB1A104K	B	30.8/19.4
C555	4030016930	S.CER ECJ0EB1A104K	B	69.8/75.5
C556	4030016930	S.CER ECJ0EB1A104K	T	105.2/28.6
C557	4030016930	S.CER ECJ0EB1A104K	T	97/28.6
C558	4550006250	S.TAN TEESVA 1A 106M8R	T	95.1/27.9
C559	4550007080	S.TAN TEESVA 1C 106M8R	T	45.9/75.5
C562	4030017420	S.CER ECJ0EC1H470J	T	38.5/76.1
C563	4030016930	S.CER ECJ0EB1A104K	B	26.5/122.3
C564	4030017570	S.CER ECJ0EC1H040B	B	68.3/131.3
C565	4030017340	S.CER ECJ0EC1H010B	B	47.9/113.5
C566	4030018860	S.CER ECJ0EB0J105K	B	39/72.7
C571	4030017580	S.CER ECJ0EC1H060C	T	64.6/99.6
C572	4030017580	S.CER ECJ0EC1H060C	T	65.6/99.1
C573	4030017580	S.CER ECJ0EC1H060C	T	65.3/97.4
C574	4030017580	S.CER ECJ0EC1H060C	B	64/134.7
C575	4030017420	S.CER ECJ0EC1H470J	B	62.9/132.4
C576	4030017460	S.CER ECJ0EB1E102K	T	67.1/106.5
C577	4030017460	S.CER ECJ0EB1E102K	T	67.1/104.9
C578	4030017200	S.CER GRM31BR32J102KY01L (GHM1030 R)	T	92/126
C579	4550006250	S.TAN TEESVA 1A 106M8R	B	94.7/50.6
C580	4030017420	S.CER ECJ0EC1H470J	B	100.7/73.5
C581	4030018910	S.CER C1608 JB 0J 475K-T	B	46.3/60.9
C582	4030018910	S.CER C1608 JB 0J 475K-T	T	69.7/98.2
C583	4030016930	S.CER ECJ0EB1A104K	B	46.3/58.6
C584	4030016790	S.CER ECJ0EB1C103K	B	54.9/53.3
C585	4030016930	S.CER ECJ0EB1A104K	B	54.9/58.6
C586	4030017730	S.CER ECJ0EB1E471K	B	54.9/56.9
C587	4030016790	S.CER ECJ0EB1C103K	B	52.3/59.8
C588	4030018910	S.CER C1608 JB 0J 475K-T	T	70.9/98.2
C601	4030011060	S.CER GRM31M2C2H4R0CY21L [USA-01]	T	97.6/111.3
	4030011060	S.CER GRM31M2C2H4R0CY21L [EXP-01]		
	4030011060	S.CER GRM31M2C2H4R0CY21L [CHN-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L [USA-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L [EXP-02]		
	4030011070	S.CER GRM31M2C2H5R0CY21L [EUR-01]		
C610	4030018080	S.CER ECJ0EB1H182K	T	63.3/69.6
C612	4030017460	S.CER ECJ0EB1E102K	B	55.7/29.9
C614	4030017730	S.CER ECJ0EB1E471K	B	29/13.2
C615	4030017650	S.CER ECJ0EC1H270J	B	63.2/117.5
C616	4030017460	S.CER ECJ0EB1E102K	T	93.8/64.6
C617	4030017420	S.CER ECJ0EC1H470J	T	60/64.8
C618	4030017420	S.CER ECJ0EC1H470J	T	64.9/53.3
C619	4030017420	S.CER ECJ0EC1H470J	T	74.2/107.7
C620	4030017420	S.CER ECJ0EC1H470J	T	73.7/96.8
C621	4030017420	S.CER ECJ0EC1H470J	T	31.5/2.8
C622	4030018910	S.CER C1608 JB 0J 475K-T	T	64.3/73.2
C623	4030017330	S.CER ECJ0EF1C104Z	B	126.8/16
C624	4030017330	S.CER ECJ0EF1C104Z	B	126.3/20.3
C625	4030017460	S.CER ECJ0EB1E102K	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23
C630	4030017420	S.CER ECJ0EC1H470J [EUR-01] only	T	106.4/106.8
C631	4030017580	S.CER ECJ0EC1H060C [EUR-01] only	T	113.5/108.3
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	14.8/15.6
J4	6510023511	S.CON 28FLT-SM2-TB(LF)(SN)	T	70.8/102

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
J5	6510023110	CON 3008L-8P8C <KIN>		
J6	6450000140	CON HSJ0807-01-010		
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	59.1/15.6
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.6/14.3
J10	6510004910	CON NR-DS-E 01		
J11	6510004910	CON NR-DS-E 01		
DS1	5040002961	S.LED SML-A12MT T86J	B	96/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126/1.1
DS3	5040003000	S.LED SML-A12UT-T86	B	111/1.1
MF1	2710000870	FAN AFB0512HB-7X22 <USE>-HK		
W1	7120000470	JUM ERDS2T0		
W2	7120000470	JUM ERDS2T0		
W4	8900017520	CAB OPC-1783		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	30.4/60.5
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.8/39.3

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
IC500	1130009121	S.IC S1D15206F00A200	B	69.4/35.9
IC501	1110005771	S.IC S-80942CNMC-G9CT2G	B	105.3/24
IC502	1140014580	S.IC UPD78F1153GK-GAK-AX (FX3063C-1)	B	101.3/38.7
IC503	1110005350	S.IC NJM2870F05-TE1-#FZZB	B	47.2/30.5
IC506	1140013200	S.IC CD4053BPWR	B	39.1/31.7
IC508	1110002751	S.IC TA75S01F(TE85R,F)	B	143/18
IC509	1110006770	S.IC TDA8547TS/N	B	28.4/55.8
Q500	1590001050	S.TRA DTC114TUA T106	B	148.4/41.4
Q501	1590001050	S.TRA DTC114TUA T106	B	161.8/34.6
Q502	1590001050	S.TRA DTC114TUA T106	B	161.8/41.4
Q503	1590001050	S.TRA DTC114TUA T106	B	148.4/34.6
Q504	1590001050	S.TRA DTC114TUA T106	B	91.4/45.6
Q506	1590001190	S.TRA XP6501-(TX).AB	B	32.9/48.1
Q508	1520000460	S.TRA 2SB1132 T100 R	B	36.9/52.6
Q510	1590001050	S.TRA DTC114TUA T106	B	152.8/53.2
Q511	1590001050	S.TRA DTC114TUA T106	B	166.2/53
Q513	1590001060	S.TRA DTA114TUA T106	B	168.7/53
Q514	1590001060	S.TRA DTA114TUA T106	B	160.1/49.6
Q515	1590001060	S.TRA DTA114TUA T106	B	155.3/53.2
Q516	1590001060	S.TRA DTA114TUA T106	B	145.3/49.9
Q517	1590001050	S.TRA DTC114TUA T106	B	160.1/46.9
Q518	1590001050	S.TRA DTC114TUA T106	B	145.3/47
D503	1790001260	S.DIO MA2S077-(TX) [USA-01]	B	112.3/33.9
	1790001260	S.DIO MA2S077-(TX) [EXP-01]		
	1790001261	S.DIO MA2S077G0L [CHN-02]		
	1790001261	S.DIO MA2S077G0L [CHN-01]		
	1790001260	S.DIO MA2S077-(TX) [USA-02]		
	1790001260	S.DIO MA2S077-(TX) [EXP-02]		
	1790001260	S.DIO MA2S077-(TX) [EUR-01]		
D504	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	95/45.8
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001251	S.DIO MA2S1110GL [CHN-01]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D505	1790001450	S.DIO RB160L-40 TE-25	B	41.8/26.6
D506	1790001450	S.DIO RB160L-40 TE-25	B	63.2/6.6
D507	1790000950	S.ZEN MA8056-M(TX) [USA-01]	B	160.8/29.9
	1790000950	S.ZEN MA8056-M(TX) [EXP-01]		
	1790000951	S.ZEN MAZ8056GML [CHN-02]		
	1790000951	S.ZEN MAZ8056GML [CHN-01]		
	1790000950	S.ZEN MA8056-M(TX) [USA-02]		
	1790000950	S.ZEN MA8056-M(TX) [EXP-02]		
	1790000950	S.ZEN MA8056-M(TX) [EUR-01]		
D508	1750000370	S.DIO DA221 TL	B	153.2/27.7
D509	1750000370	S.DIO DA221 TL	B	166.4/28.1
D510	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	43.2/51.5
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001251	S.DIO MA2S1110GL [CHN-01]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D511	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	115.8/44.9
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001251	S.DIO MA2S1110GL [CHN-01]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D512	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	65.3/10.2
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001251	S.DIO MA2S1110GL [CHN-01]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D513	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	36.3/24.4
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001251	S.DIO MA2S1110GL [CHN-01]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
X501	6050012680	S.XTA CR-858(SMD-49/18.432 MHz) <JJE>	B	113.1/28.2
L500	6200002861	S.COI NLV25T-4R7J	B	106/17.9
L501	6200003640	S.COI MLF1608E 100K-T	B	161.5/17.9
L502	6200002861	S.COI NLV25T-4R7J	B	85.9/39.3
R500	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	83.5/43.7
R501	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	87.4/47.5
R506	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	157.7/36.3
R507	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	167.9/44.3
R508	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	167.9/37.7
R509	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	155.4/44.5
R510	7030005530	S.RES ERJ2GEJ 100 X (10)	B	106.8/30.5
R511	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	105.8/30.5
R512	7510001730	S.THE ERTJOEP 473J	B	103.1/48.9
R513	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	102.2/49.8
R514	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	113.1/32.2
R515	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	112.3/35.9
R516	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	103.2/26.4

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R517	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	110.3/33
R518	7410001140	S.ARR EXB28V104JX	B	106.9/47.1
R519	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	105.4/48.4
R520	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	96.1/30.7
R523	7030005710	S.RES ERJ2GEJ 121 X (120)	B	114.1/37.6
R524	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	104.4/48.4
R525	7030005710	S.RES ERJ2GEJ 121 X (120)	B	112.2/37.6
R526	7030005710	S.RES ERJ2GEJ 121 X (120)	B	113.3/37.6
R532	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	33.2/45.5
R533	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	31.2/47.7
R534	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	32.2/45.7
R536	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	158.7/30.8
R538	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	155.7/29.3
R539	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	27.6/51.1
R540	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	26.6/49.9
R541	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	139.1/31.9
R542	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	26.1/51.1
R543	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	137.3/31.5
R544	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	164.9/29.3
R545	7030004980	S.RES ERJ2GEJ 101 X (100)	B	140.3/19.9
R546	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	164.8/27.7
R547	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	155.7/27.7
R548	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	159.8/28
R549	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	32/51.3
R551	7210003050	VAR EVU-F2KFK3 B14 (10KB)		
R552	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	142.3/20.3
R553	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	144.6/20.1
R554	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.6/53.4
R556	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	161.1/19
R557	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	29.2/51.3
R558	7030008370	S.RES ERJ2GEJ 561 X (560)	B	169.1/51.1
R559	7030008370	S.RES ERJ2GEJ 561 X (560)	B	155.7/51
R560	7030010040	S.RES ERJ2GEJ-JPW	B	139.4/17.1
R562	7030003720	S.RES ERJ3GEJ 224 V (220K)	B	86.2/43.7
R563	7030003720	S.RES ERJ3GEJ 224 V (220K)	B	88.2/44.9
R564	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	153/19.8
R566	7030008370	S.RES ERJ2GEJ 561 X (560)	B	161.9/49.1
R567	7030008370	S.RES ERJ2GEJ 561 X (560)	B	148.3/49.9
R568	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	87.4/16.9
R570	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	103/24.8
R571	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	45.8/51.5
R572	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.2/50.3
R573	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.3/33
R574	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.3/32.1
R575	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	34.7/24.6
R576	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	62.6/12.8

C500	4030016930	S.CER ECJ0EB1A104K	B	79.3/47.9
C501	4030016930	S.CER ECJ0EB1A104K	B	80.8/47.4
C502	4030016930	S.CER ECJ0EB1A104K	B	80.8/46.5
C503	4030016930	S.CER ECJ0EB1A104K	B	80.4/45.3
C504	4030016930	S.CER ECJ0EB1A104K	B	81.3/45.3
C505	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/41
C506	4030017460	S.CER ECJ0EB1E102K	B	83.9/39.8
C507	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/39.5
C508	4030017730	S.CER ECJ0EB1E471K	B	146.4/41.2
C509	4030017730	S.CER ECJ0EB1E471K	B	159.8/34.4
C510	4030017730	S.CER ECJ0EB1E471K	B	159.9/41.2
C511	4030017730	S.CER ECJ0EB1E471K	B	146.4/34.4
C512	4030017030	S.CER ECJ0EB1A273K	B	104.7/21.7
C513	4030017630	S.CER ECJ0EC1H120J	B	106.4/29.3
C514	4030017420	S.CER ECJ0EC1H470J	B	157.7/44.5
C515	4030016790	S.CER ECJ0EC1C103K	B	103.5/50.2
C516	4030017580	S.CER ECJ0EC1H060C	B	113.1/31.3
C517	4030016930	S.CER ECJ0EB1A104K	B	102.2/50.7
C518	4030016790	S.CER ECJ0EB1C103K	B	113.3/35.1
C519	4030017640	S.CER ECJ0EC1H150J	B	111.3/31.8
C520	4030016930	S.CER ECJ0EB1A104K	B	105.1/27.1
C521	4030018900	S.CER ECJ0EB0J474K	B	104.9/30
C522	4550006480	S.TAN TEESVA 1C 475M8R	B	46.7/33.2
C523	4030017330	S.CER ECJ0EF1C104Z	B	44.9/31
C524	4030016790	S.CER ECJ0EB1C103K	B	49.9/29.5
C525	4550006250	S.TAN TEESVA 1A 106M8R	B	49/27.7
C526	4030016930	S.CER ECJ0EB1A104K	B	48.9/26.1
C527	4030016930	S.CER ECJ0EB1A104K	B	34.3/30
C530	4030017460	S.CER ECJ0EB1E102K	B	34.5/55.4
C531	4550006250	S.TAN TEESVA 1A 106M8R	B	106.6/20.2
C532	4030017460	S.CER ECJ0EB1E102K	B	31.3/45.7
C533	4030017460	S.CER ECJ0EB1E102K	B	45.3/27
C534	4030016930	S.CER ECJ0EB1A104K	B	62.1/14.2
C535	4030016930	S.CER ECJ0EB1A104K	B	30.7/49
C536	4030017460	S.CER ECJ0EB1E102K	B	161/28.5
C537	4030017460	S.CER ECJ0EB1E102K	B	33.6/53.4
C538	4030018860	S.CER ECJ0EB0J105K	B	26.6/49
C539	4030017420	S.CER ECJ0EC1H470J	B	154.8/27.7
C540	4510008590	S.ELE EEE1AA101SP	B	36.9/59.4
C541	4030017330	S.CER ECJ0EF1C104Z	B	150.1/20
C542	4030017460	S.CER ECJ0EB1E102K	B	139.3/19.9
C544	4550006250	S.TAN TEESVA 1A 106M8R	B	29.7/60.8
C545	4030017420	S.CER ECJ0EC1H470J	B	168.1/28.1
C546	4030017420	S.CER ECJ0EC1H470J	B	137.3/32.4
C547	4030017420	S.CER ECJ0EC1H470J	B	134.2/32.4
C548	4030017460	S.CER ECJ0EB1E102K	B	161/27.5
C549	4030017460	S.CER ECJ0EB1E102K	B	44.1/47.4
C551	4030017420	S.CER ECJ0EC1H470J	B	158.1/19.3
C553	4030017420	S.CER ECJ0EC1H470J	B	140.6/17.6
C555	4030018860	S.CER ECJ0EB0J105K	B	148.5/17.9
C556	4030016790	S.CER ECJ0EB1C103K	B	143.1/23.6
C558	4550006480	S.TAN TEESVA 1C 475M8R	B	143.5/22
C559	4030017730	S.CER ECJ0EB1E471K	B	166.3/51.1
C560	4030017730	S.CER ECJ0EB1E471K	B	153.1/51.1
C561	4030017730	S.CER ECJ0EB1E471K	B	161.9/46.9
C562	4030017730	S.CER ECJ0EB1E471K	B	147.4/46.6

[FRONT UNIT]

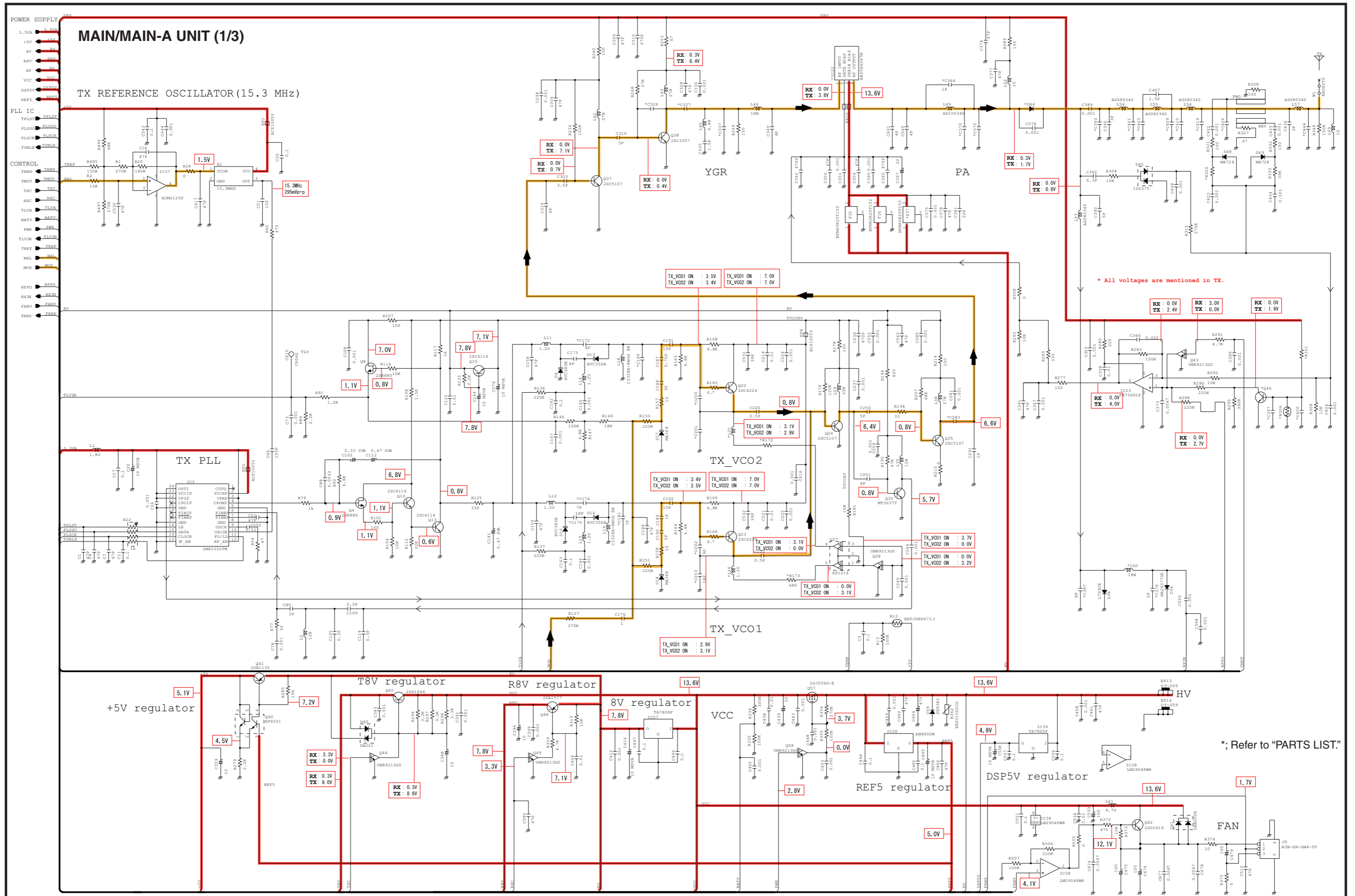
REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C563	4030016930	S.CER ECJ0EB1A104K	B	105.1/28
C564	4030016930	S.CER ECJ0EB1A104K	B	103.2/28
C565	4030016930	S.CER ECJ0EB1A104K	B	44/29.9
C566	4030017460	S.CER ECJ0EB1E102K	B	42.8/49.5
C567	4030016930	S.CER ECJ0EB1A104K	B	42.8/50.4
C568	4030017460	S.CER ECJ0EB1E102K	B	67.3/6.6
C569	4550006250	S.TAN TEESVA 1A 106M8R	B	89.6/40.7
C573	4030016930	S.CER ECJ0EB1A104K	B	34.7/23.7
C574	4030016930	S.CER ECJ0EB1A104K	B	62.6/11.9
C575	4510009020	S.ELE EEE0JA331P	B	106/11.4
J501	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	26.9/27.5
J502	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	52.9/15.1
J503	6450002210	CON 3017-8821 <KIN>		
J504	6510014961	S.CON B2B-ZR-SM4-TF(LF)(SN)	B	18.4/57
DS500	5030002811	LCD L4-0013TVY-2		
DS501	5040002710	LED EMPG3338S		
DS502	5040002720	LED EMVR3338S		
DS503	5040002710	LED EMPG3338S		
DS504	5040002720	LED EMVR3338S		
DS505	5040002310	S.LED SML-311YTT86	T	111.2/43.2
DS506	5040002310	S.LED SML-311YTT86	T	101.3/43.2
DS507	5040002310	S.LED SML-311YTT86	T	91.3/43.2
DS508	5040002310	S.LED SML-311YTT86	T	81.2/43.1
DS509	5040002310	S.LED SML-311YTT86	T	71.3/43.2
DS510	5040002310	S.LED SML-311YTT86	T	61.3/43.2
DS511	5040002150	LED VRPG3349S-734		
DS512	5040002150	LED VRPG3349S-734		
S506	2250000511	ENC RH70N1037E20-13F-2781		
SP501	2510001221	SPE C052SB500-14		
W501	8900011800	CAB OPC-1199		
W502	8900017540	CAB OPC-1785		
EP501	8930065150	LCD SRCN-2781-SP-N-W (SHJ)		
EP503	6910019600	SPA LM-5		
EP504	6910019610	SPA LM-7 (SPACER)		

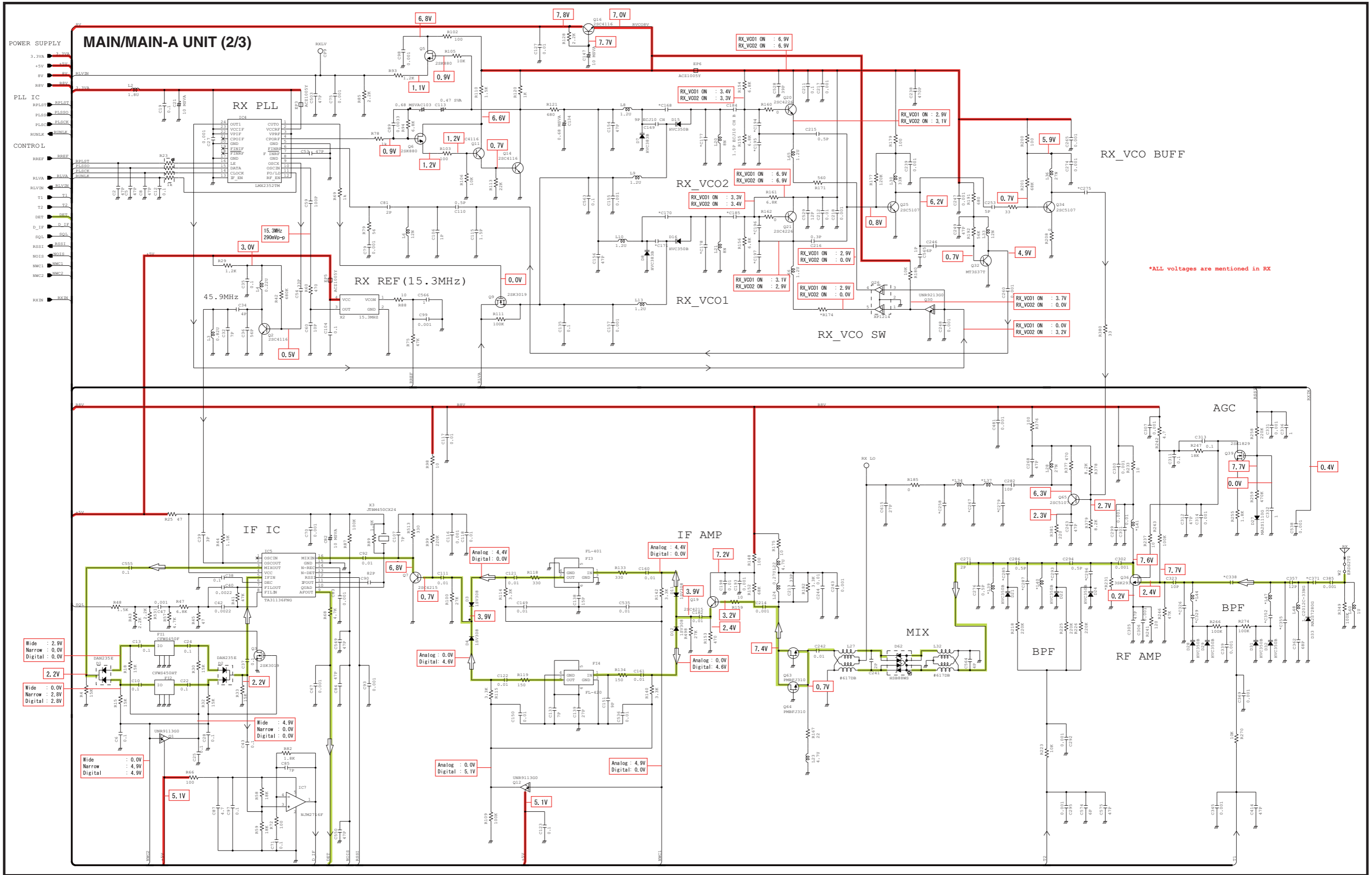
[CONNECT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C601	4030017420	S.CER ECJ0EC1H470J	T	13.8/12.4
C602	4030017400	S.CER ECJ0EC1H220J	T	12.2/12.4
C603	4030017420	S.CER ECJ0EC1H470J	T	16.5/12.4
C604	4030017400	S.CER ECJ0EC1H220J	T	15/14.2
C605	4030017420	S.CER ECJ0EC1H470J	T	17.8/13.9
C606	4030017420	S.CER ECJ0EC1H470J	T	19.4/12.4
C607	4030017420	S.CER ECJ0EC1H470J	T	20.5/13.9
C608	4030017420	S.CER ECJ0EC1H470J	T	22.6/12.4
C609	4030017420	S.CER ECJ0EC1H470J	T	25.5/12.4
C610	4030017420	S.CER ECJ0EC1H470J	T	29.7/12.8
C611	4030017420	S.CER ECJ0EC1H470J	T	31/14.1
C612	4030017420	S.CER ECJ0EC1H470J	T	32.4/12.8
C613	4030017420	S.CER ECJ0EC1H470J	T	33.5/14.1
C614	4030017420	S.CER ECJ0EC1H470J	T	35.2/14.1
C615	4030017420	S.CER ECJ0EC1H470J	T	35.7/12.8
C616	4030017420	S.CER ECJ0EC1H470J	B	35.2/15.6
C617	4030017420	S.CER ECJ0EC1H470J	T	37.5/13.5
C618	4030017420	S.CER ECJ0EC1H470J	T	39.3/12.2
C619	4030017420	S.CER ECJ0EC1H470J	T	39.9/13.4
C620	4030017420	S.CER ECJ0EC1H470J	T	41.3/12.6
C621	4030017420	S.CER ECJ0EC1H470J	T	27.4/13.9
J601	6510026290	S.CON IMSA-9631S-28Y921	B	22.8/16.2
J602	6510023210	CON CD6125SA1J0 <CVI>		
S1	2260003070	S.SWI MINISMDC150F/24-2	B	38.9/18
W601	8900017500	CAB OPC-1852 (P0.5,N28,L90) <TJM>		

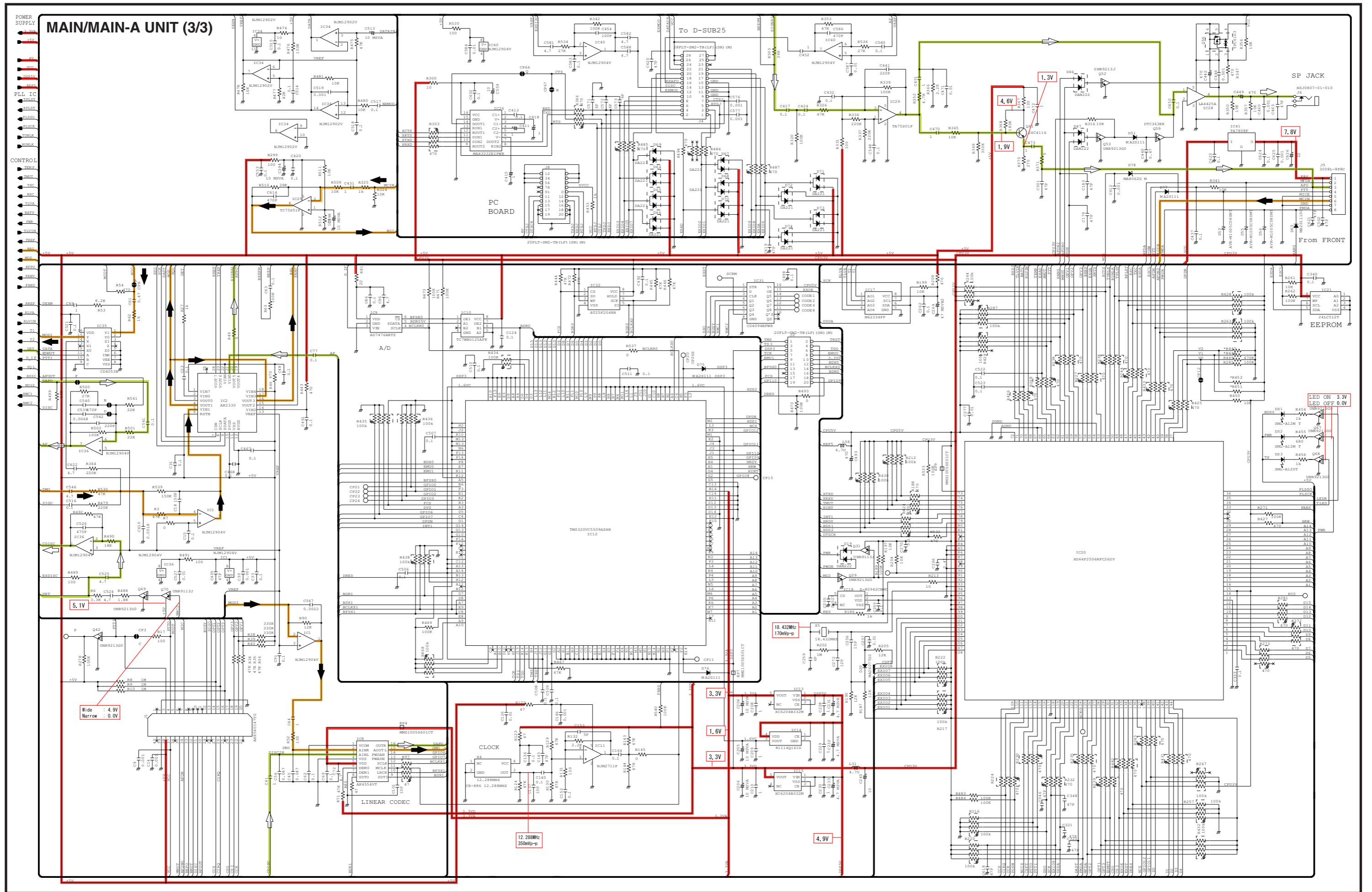
M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

# VOLTAGE DIAGRAM





\*; Refer to "PARTS LIST."



\*; Refer to "PARTS LIST".

---

## IC-FR6000 IC-FR6100 IC-FR6000-L

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### CONTENTS

REPLACEMENT PAGES .....	6-1 to 6-10
PARTS LIST .....	1
VOLTAGE DIAGRAM .....	11

MODEL	VERSION	FREQUENCY RANGE	CH. SPACING	TX POWER
IC-FR6000	USA-01	400-470 MHz	6.25/12.5/25.0 kHz	50 W
	USA-02	450-520 MHz		
	EXP-01	400-470 MHz	12.5/25.0 kHz	
	EXP-02	450-520 MHz		
	CHN-02	400-470 MHz	6.25/12.5/25.0 kHz	
IC-FR6000-L	CHN-01	350-400 MHz	6.25/12.5/25.0 kHz	
IC-FR6100	EUR-01	400-470 MHz	12.5/20.0/25.0 kHz	25 W



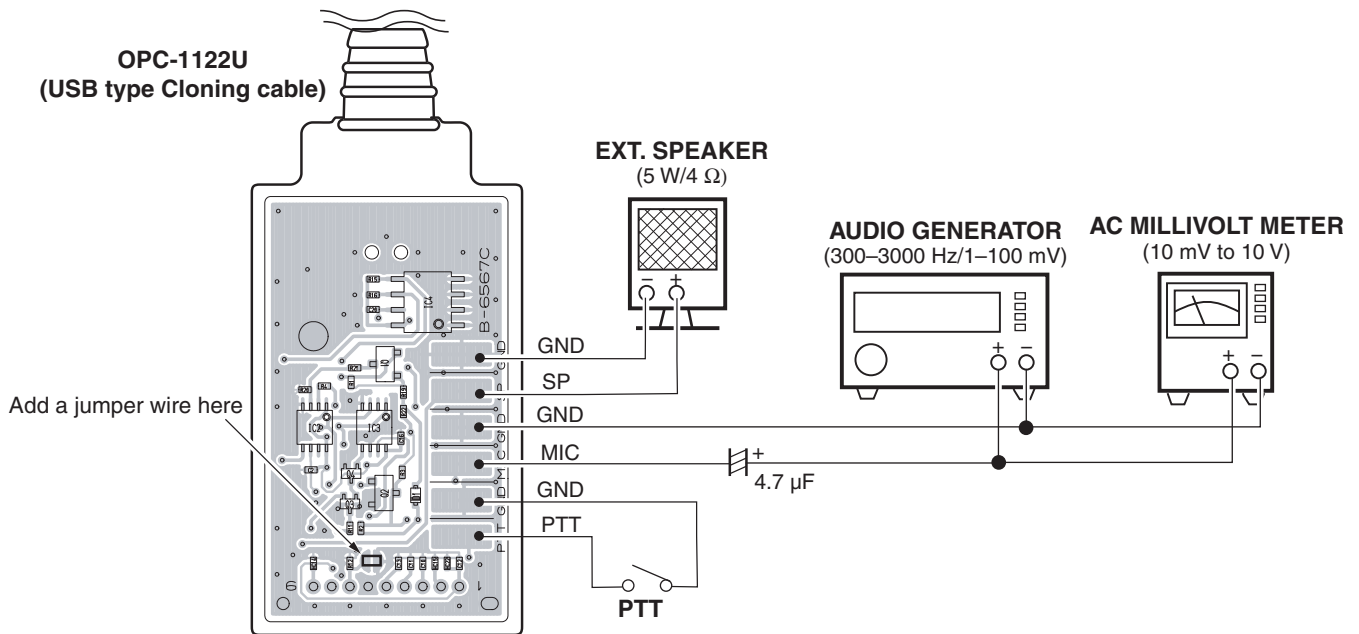
# SECTION 6 ADJUSTMENT PROCEDURE

## 6-1 PREPARATION

### ■ REQUIRED EQUIPMENTS

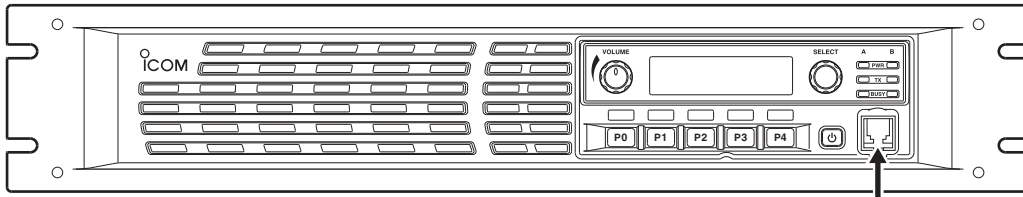
EQUIPMENT	SPECIFICATION	EQUIPMENT	SPECIFICATION
Adjustment Software	"CS-FR5000" (Revision 1.0 or later)	JIG cable	Modified OPC-1122U (USB type) (see the illust below)
Power Supply	Output voltage : 13.6 V DC [FR6000/L] 13.2 V DC [FR6100] Current capacity : More than 20 A [FR6000/L] More than 10 A [FR6100]	Attenuator	Power attenuation : 40 dB Capacity : More than 60 W [FR6000/L] More than 30 W [FR6100]
RF Power Meter (terminated type)	Measuring range : 1–60 W [FR6000/L] 1–30 W [FR6100] Frequency range : 100–600 MHz Impedance : 50 Ω SWR : Less than 1.2 : 1	Standard Signal Generator (SSG)	Frequency range : 0.1–600 MHz Output level : 0.1 mV to 32 mV (-127 to -17 dBm)
		Audio Generator	Frequency range : 300–3000 Hz Output level : 1–500 mV
Frequency Counter	Frequency range : 0.1–600 MHz Frequency accuracy : ±1 ppm or better Input level : Less than 1 mW	AC Millivoltmeter	Measuring range : 10 mV to 10 V
		Oscilloscope	Frequency range : DC–20 MHz Measuring range : 0.01–20 V
Modulation Analyzer	Frequency range : 30–600 MHz Measuring range : 0 to ±10 kHz	External Speaker	Input impedance : 4 Ω Capacity : More than 5 W

### ■ JIG CABLE

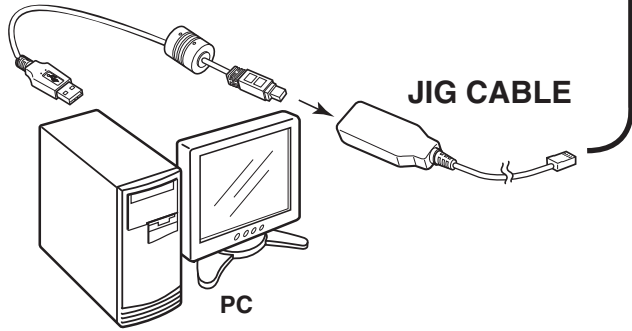


■ CONNECTION

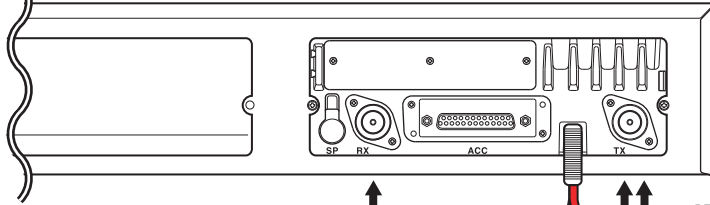
<Front view>



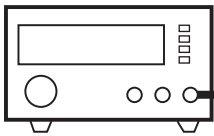
to the [MICROPHONE CONNECTOR]



<Rear view>

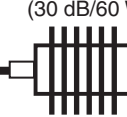


STANDARD SIGNAL GENERATOR  
(0.1-600 MHz)

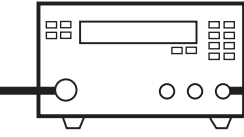


20 A fuses

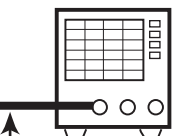
ATTENUATOR  
(30 dB/60 W)



MODULATION ANALYZER  
(0.1-600 MHz)

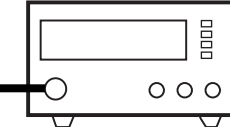


OSCILLOSCOPE  
(DC to 10 kHz)



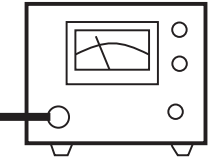
(Detect output)

FREQUENCY COUNTER  
(0.1-600 MHz)

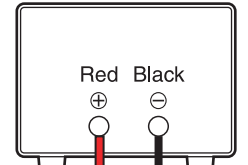


(Loose Coupling)

RF POWER METER



DC power supply



DC power cable

Red ⊕

Black ⊖

**ADJUSTMENT CHANNEL LISTS**

Clone the adjust channels into the repeater before starting adjustment. Each channel must be assigned [Frequency], [RF PWR], [CH Type], [TX C. Tone] and [W/N] as below.

**• Channel list for [Low band] version**

CH	Attr	Inh	Operation Mode	Frequency (MHz)			Text	TOT				Loc Mic	Repeat/EPTT	RF PWR	Lock out	Chan	CH Type	Au Res	FM		
				RX	TX	Tx Inh		Local Mic	Repeat/EPTT	RF PWR	Lock out								TX C. Tone	W/N	Com
1-1	AB		Simplex	400.100000	<-		LV L ADJ						L1		Analog	Tim			W		
1-2			Simplex	435.100000	<-		LV H ADJ						L1		Analog	Tim			W		
1-3			Simplex	434.950000	<-		LV L URFY						L1		Analog	Tim			W		
1-4			Simplex	469.900000	<-		LV H URFY						L1		Analog	Tim			W		
1-5			Simplex	469.900000	<-		TX Freq						L1		Analog	Tim			W		
1-6			Simplex	400.100000	<-		TX PWR H1						H		Analog	Tim			W		
1-7			Simplex	400.100000	<-		TX PWR L2						L2		Analog	Tim			W		
1-8			Simplex	400.100000	<-		TX PWR L1						L1		Analog	Tim			W		
1-9			Simplex	400.100000	<-		BAL						L1		Analog	Tim			W		
1-10			Simplex	435.100000	<-		BAL Offset						L1		Analog	Tim			W		
1-11			Simplex	400.100000	<-		DG Dev.						L1		Digital	Tim	----	-	-		
1-12			Simplex	411.500000	<-		DG Dev. 0						L1		Digital	Tim	----	-	-		
1-13			Simplex	423.200000	<-		DG Dev. 1						L1		Digital	Tim	----	-	-		
1-14			Simplex	434.900000	<-		DG Dev. 2						L1		Digital	Tim	----	-	-		
1-15			Simplex	435.100000	<-		DG Dev. Offs						L1		Digital	Tim	----	-	-		
1-16			Simplex	446.600000	<-		DG Dev. 3						L1		Digital	Tim	----	-	-		
1-17			Simplex	458.300000	<-		DG Dev. 4						L1		Digital	Tim	----	-	-		
1-18			Simplex	469.900000	<-		DG Dev. 5						L1		Digital	Tim	----	-	-		
1-19			Simplex	400.100000	<-		AN Dev. W						L1		Analog	Tim			W		
1-20			Simplex	400.100000	<-		AN Dev. M						L1		Analog	Tim			W		
1-21			Simplex	400.100000	<-		AN Dev. N						L1		Analog	Tim			N		
1-22			Simplex	400.100000	<-		CT/DT Dev.						L1		Analog	Tim		151.4	W		
1-23			Simplex	435.000000	<-	i	BPF C ALL						L1		Analog	Tim			W		
1-24			Simplex	400.100000	<-	i	BPF L ALL						L1		Analog	Tim			W		
1-25			Simplex	469.900000	<-	i	BPF H ALL						L1		Analog	Tim			W		
1-26			Simplex	400.100000	<-	i	RSSI						L1		Analog	Tim			W		
1-27			Simplex	400.100000	<-	i	SQL						L1		Analog	Tim			W		

**• Channel list for [High band] version**

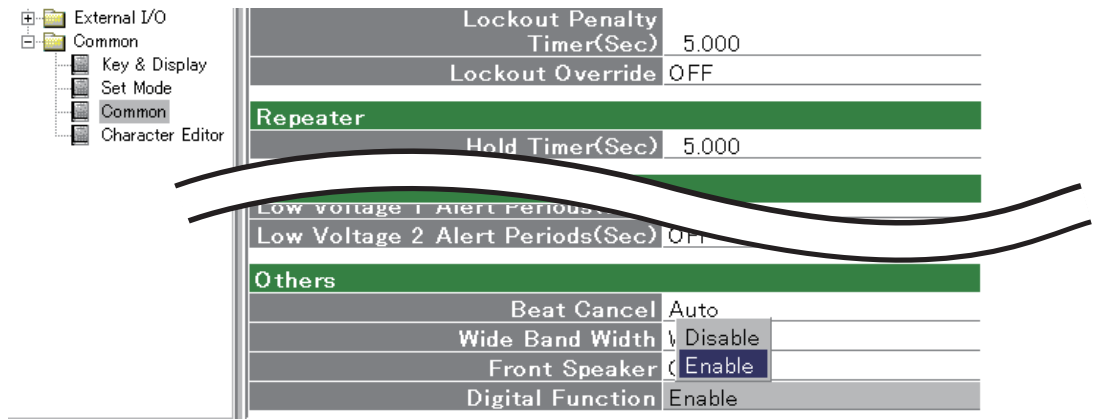
CH	Attr	Inh	Operation Mode	Frequency (MHz)			Text	TOT				Loc Mic	Repeat/EPTT	RF PWR	Lock out	Chan	CH Type	Au Res	FM		
				RX	TX	Tx Inh		Local Mic	Repeat/EPTT	RF PWR	Lock out								TX C. Tone	W/N	Com
1-1	AB		Simplex	450.100000	<-		LV L ADJ						L1		Analog	Tim			W		
1-2			Simplex	485.100000	<-		LV H ADJ						L1		Analog	Tim			W		
1-3			Simplex	484.950000	<-		LV L URFY						L1		Analog	Tim			W		
1-4			Simplex	519.900000	<-		LV H URFY						L1		Analog	Tim			W		
1-5			Simplex	519.900000	<-		TX Freq						L1		Analog	Tim			W		
1-6			Simplex	450.100000	<-		TX PWR H1						H		Analog	Tim			W		
1-7			Simplex	450.100000	<-		TX PWR L2						L2		Analog	Tim			W		
1-8			Simplex	450.100000	<-		TX PWR L1						L1		Analog	Tim			W		
1-9			Simplex	450.100000	<-		BAL						L1		Analog	Tim			W		
1-10			Simplex	485.100000	<-		BAL Offset						L1		Analog	Tim			W		
1-11			Simplex	450.100000	<-		DG Dev.						L1		Digital	Tim	----	-	-		
1-12			Simplex	461.500000	<-		DG Dev. 0						L1		Digital	Tim	----	-	-		
1-13			Simplex	473.200000	<-		DG Dev. 1						L1		Digital	Tim	----	-	-		
1-14			Simplex	484.900000	<-		DG Dev. 2						L1		Digital	Tim	----	-	-		
1-15			Simplex	485.100000	<-		DG Dev. Offs						L1		Digital	Tim	----	-	-		
1-16			Simplex	496.600000	<-		DG Dev. 3						L1		Digital	Tim	----	-	-		
1-17			Simplex	508.300000	<-		DG Dev. 4						L1		Digital	Tim	----	-	-		
1-18			Simplex	519.900000	<-		DG Dev. 5						L1		Digital	Tim	----	-	-		
1-19			Simplex	450.100000	<-		AN Dev. W						L1		Analog	Tim			W		
1-20			Simplex	450.100000	<-		AN Dev. M						L1		Analog	Tim			W		
1-21			Simplex	450.100000	<-		AN Dev. N						L1		Analog	Tim			N		
1-22			Simplex	450.100000	<-		CT/DT Dev.						L1		Analog	Tim		151.4	W		
1-23			Simplex	450.100000	<-	i	BPF C ALL						L1		Analog	Tim			W		
1-24			Simplex	519.900000	<-	i	BPF H ALL						L1		Analog	Tim			W		
1-25			Simplex	450.100000	<-	i	RSSI						L1		Analog	Tim			W		
1-26			Simplex	450.100000	<-	i	SQL						L1		Analog	Tim			W		

**ADJUSTMENT CHANNEL LISTS (continued)**  
**• Channel list for [IC-FR6000-L]**

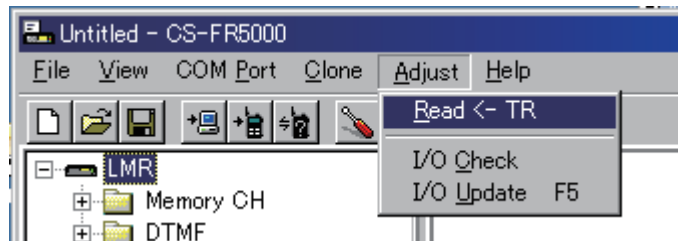
CH	Atr	Inh	Operation Mode	Frequency (MHz)			Text	TOT			Lock out	to an	CH Type	Au Res	FM		
				RX	TX	TX Inh		Local Mic	Repeat/EPTT	RF PWR					TX C. Tone	W/N	Com
1- 1	AB		Simplex	450.100000	<-		LU L ADJ				L1	Analog	Tim			W	
1- 2			Simplex	485.100000	<-		LU H ADJ				L1	Analog	Tim			W	
1- 3			Simplex	484.950000	<-		LU L URFV				L1	Analog	Tim			W	
1- 4			Simplex	519.900000	<-		LU H URFV				L1	Analog	Tim			W	
1- 5			Simplex	519.900000	<-		TX Freq				L1	Analog	Tim			W	
1- 6			Simplex	450.100000	<-		TX PWR H1				H	Analog	Tim			W	
1- 7			Simplex	450.100000	<-		TX PWR L2				L2	Analog	Tim			W	
1- 8			Simplex	450.100000	<-		TX PWR L1				L1	Analog	Tim			W	
1- 9			Simplex	450.100000	<-		BAL				L1	Analog	Tim			W	
1- 10			Simplex	485.100000	<-		BAL Offset				L1	Analog	Tim			W	
1- 11			Simplex	450.100000	<-		DG Dev.				L1	Digital	Tim	----	-	-	-
1- 12			Simplex	461.500000	<-		DG Dev. 0				L1	Digital	Tim	----	-	-	-
1- 13			Simplex	473.200000	<-		DG Dev. 1				L1	Digital	Tim	----	-	-	-
1- 14			Simplex	484.900000	<-		DG Dev. 2				L1	Digital	Tim	----	-	-	-
1- 15			Simplex	485.100000	<-		DG Dev. Offs				L1	Digital	Tim	----	-	-	-
1- 16			Simplex	496.600000	<-		DG Dev. 3				L1	Digital	Tim	----	-	-	-
1- 17			Simplex	508.300000	<-		DG Dev. 4				L1	Digital	Tim	----	-	-	-
1- 18			Simplex	519.900000	<-		DG Dev. 5				L1	Digital	Tim	----	-	-	-
1- 19			Simplex	450.100000	<-		AN Dev. W				L1	Analog	Tim			W	
1- 20			Simplex	450.100000	<-		AN Dev. M				L1	Analog	Tim			W	
1- 21			Simplex	450.100000	<-		AN Dev. N				L1	Analog	Tim			N	
1- 22			Simplex	450.100000	<-		CT/DT Dev.				L1	Analog	Tim			151.4	W
1- 23			Simplex	450.100000	<-	i	BPF C ALL				L1	Analog	Tim				W
1- 24			Simplex	519.900000	<-	i	BPF H ALL				L1	Analog	Tim				W
1- 25			Simplex	450.100000	<-	i	RSSI				L1	Analog	Tim				W
1- 26			Simplex	450.100000	<-	i	SQL				L1	Analog	Tim				W

### WHOLE PROCEDURE OF THE ADJUSTMENT

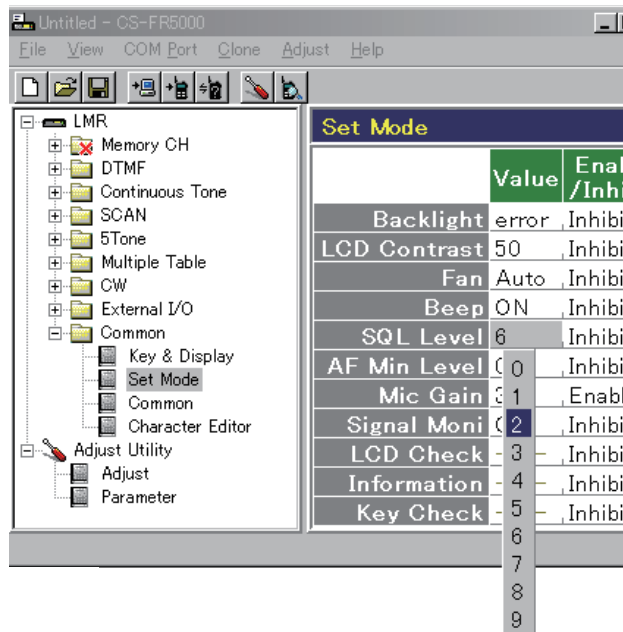
- ① Connect the repeater and PC with the JIG cable (see the page 6-2).
- ② Turn the repeater power ON.
- ③ Boot up 'CS-FR5000.'
- ④ Set the [Digital Function] to "Enable."



- ④ Click or [Read ← TR] in the [Adjust] menu, then the "Adjust Utility" window (see the page 6-5) appears.

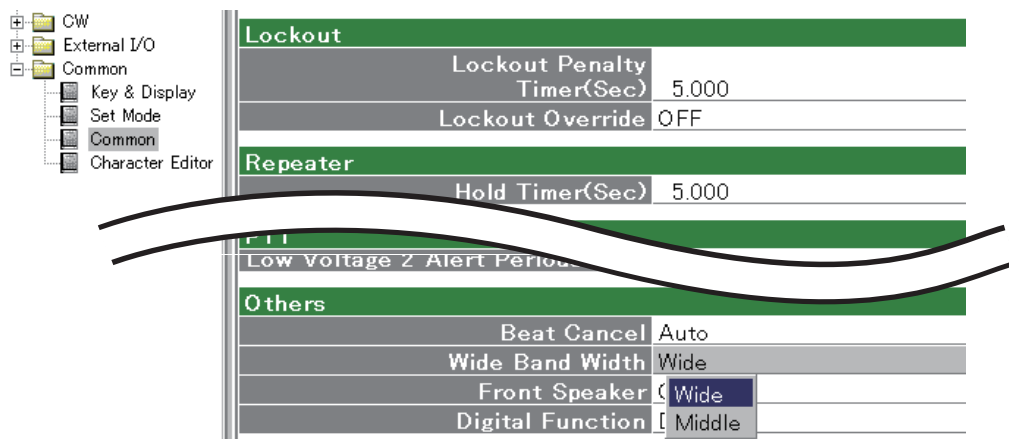


- ⑤ Set or modify adjustment values as specified in the guidances on the pages 6-6 to 6-9.



**\*For [FR6100]:**

Set the [Wide Band Width] to "Middle" when adjust "ANALOG DEVIATION" in Middle mode.



ADJUST UTILITY WINDOW

Adjust Utility			
Setting			
	CH No.	1	Receive Sim
	RX Freq.		451.10000MHz
	TX Freq.		452.10000MHz
	RF Power.		Low
	W/N		Wide
	CH Type		FX=Digital TX=Digital
Mode setting	TX Mode	17	Digital FNB
	RX Mode	2	Digital
	AF Volume	0	[-----]
Adjust			
TX output power	Power (H)	208	[-----]
	Power (L2)	150	[-----]
	Power (L1)	76	[-----]
Analog deviation	MOD (Wide)	139	[-----]
	MOD (Mid)	144	[-----]
	MOD (Narrow)	65	[-----]
	MOD (Digital)	105	[-----]
CTCSS/DTCS deviation	CTCSS/DTCS	137	[-----]
	S.Tone	75	[-----]
Squelch	SQL	50	[---]
Expert			
TX frequency	RX REF	178	[-----]
	TX REF	126	[-----]
Lock volatge (Preset)	RX LVA L	80	[-----] [Enter] to Sweep
	RX LVA H	62	[-----] [Enter] to Sweep
	TX LVA L	166	[-----] [Enter] to Sweep
	TX LVA H	105	[-----] [Enter] to Sweep
Lock volatge (Adjustment)	LV (RX L)	36	0.70V
	LV (RX H)	36	0.70V
	LV (TX L)	36	0.70V
	LV (TX H)	36	0.70V
S-meter	RSSI	74	[Enter] to Capture
Modulation balance	BAL	174	[-----]
	BAL Offset (High)	0	[-----]
Modulation balance (High)	PWR Hi Slant Band 0	0	[-----] 399.900000 - 411.599999 MHz
	PWR Hi Slant Band 1	3	[-----] 411.600000 - 423.299999 MHz
	PWR Hi Slant Band 2	4	[-----] 423.300000 - 434.999999 MHz
	PWR Hi Slant Band 3	25	[-----] 435.000000 - 446.699999 MHz
	PWR Hi Slant Band 4	8	[-----] 446.700000 - 458.399999 MHz
	PWR Hi Slant Band 5	6	[-----] 458.400000 - 470.099999 MHz
	PWR Hi Slant Band 6	0	[-----] 470.100000 - 481.799999 MHz
	PWR L2 Slant Band 0	0	[-----] 399.900000 - 411.599999 MHz
	PWR L2 Slant Band 1	4	[-----] 411.600000 - 423.299999 MHz
	PWR L2 Slant Band 2	4	[-----] 423.300000 - 434.999999 MHz
	PWR L2 Slant Band 3	17	[-----] 435.000000 - 446.699999 MHz
	PWR L2 Slant Band 4	8	[-----] 446.700000 - 458.399999 MHz
	PWR L2 Slant Band 5	6	[-----] 458.400000 - 470.099999 MHz
	PWR L2 Slant Band 6	0	[-----] 470.100000 - 481.799999 MHz
	PWR L1 Slant Band 0	0	[-----] 399.900000 - 411.599999 MHz
	PWR L1 Slant Band 1	0	[-----] 411.600000 - 423.299999 MHz
	PWR L1 Slant Band 2	2	[-----] 423.300000 - 434.999999 MHz
	PWR L1 Slant Band 3	14	[-----] 435.000000 - 446.699999 MHz
PWR L1 Slant Band 4	6	[-----] 446.700000 - 458.399999 MHz	
PWR L1 Slant Band 5	4	[-----] 458.400000 - 470.099999 MHz	
PWR L1 Slant Band 6	0	[-----] 470.100000 - 481.799999 MHz	
Digital deviation	MOD Slant Band 0	0	[-----] 399.900000 - 411.599999 MHz
	MOD Slant Band 1	-9	[-----] 411.600000 - 423.299999 MHz
	MOD Slant Band 2	-13	[-----] 423.300000 - 434.999999 MHz
	MOD Slant Band 3	-2	[-----] 435.000000 - 446.699999 MHz
	MOD Slant Band 4	-5	[-----] 446.700000 - 458.399999 MHz
	MOD Slant Band 5	2	[-----] 458.400000 - 470.099999 MHz
	MOD Slant Band 6	0	[-----] 470.100000 - 481.799999 MHz
	MOD Offset (High)	0	[-----]
Receive sensitivity (Band center)	BPF C ALL		[Enter] to Sweep
	BPF T1 C	4	[-----] [Enter] to Sweep
	BPF T2 C	25	[-----] [Enter] to Sweep
*Receive sensitivity (Band low)	BPF L ALL		[Enter] to Sweep
	BPF T1 L	80	[-----] [Enter] to Sweep
	BPF T2 L	45	[-----] [Enter] to Sweep
Receive sensitivity (Band high)	BPF H ALL		[Enter] to Sweep
	BPF T1 H	69	[-----] [Enter] to Sweep
	BPF T2 H	53	[-----] [Enter] to Sweep

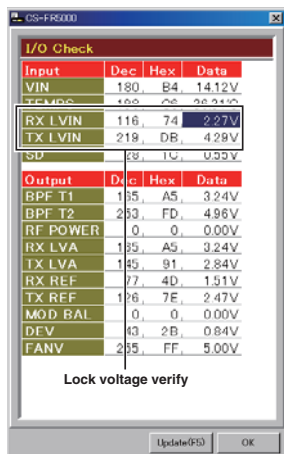
\*[Low band] only

### 6-2 FREQUENCY ADJUSTMENT

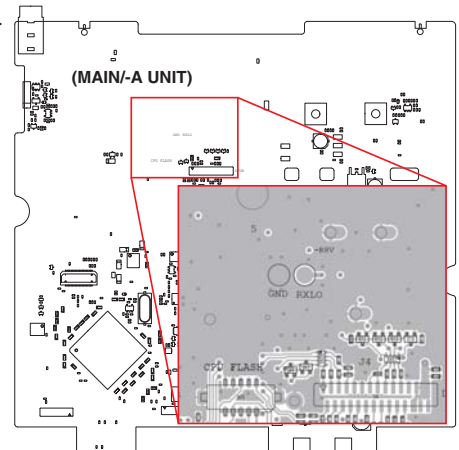
- 1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.
- 2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, and then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
PLL LOCK VOLTAGE -Preparation-	1	1) Connect an RF power meter to the TX antenna. 2) Set the preset adjustment value on the adjustment utility window.	[LV (RX L)] [LV (RX H)] [LV (TX L)] [LV (TX H)]	36 [0.70V] (for each item)
-Adjust-RX (Band low)	2 • CH. : 1-1 • Receiving	• Select the item [RX LVA L], and then push the [ENTER] key.	[RX LVA L]	(Automatic adjustment)
RX (Band high)	3 • CH. : 1-2 • Receiving	• Select the item [RX LVA H], and then push the [ENTER] key.	[RX LVA H]	
TX (Band low)	4 • CH. : 1-1 • Transmitting	• Select the item [TX LVA L], and then push the [ENTER] key.	[TX LVA L]	
TX (Band high)	5 • CH. : 1-2 • Transmitting	• Select the item [TX LVA H], and then push the [ENTER] key.	[TX LVA H]	
LOCK VOLTAGE VERIFY	1 • CH. : 1-3 • Receiving	• Verify the lock voltage at each channels on the [RX LIVIN] item on the "I/O Check window" as below.	[RX LIVIN] (I/O Check window)	3.0-4.3 V (Verify) [L] 2.7-4.0 V (Verify) Except [L]
RX (Band low)	2 • CH. : 1-4 • Receiving			3.0-4.0 V (Verify) [L] 2.7-4.0 V (Verify) Except [L]
TX (Band low)	3 • CH. : 1-3 • Transmitting	• Verify the lock voltage at each channels on the [TX LIVIN] item on the "I/O Check window" as below.	[TX LIVIN] (I/O Check window)	2.7-4.0 V (Verify) Except [350 MHz] 3.0-4.3 V (Verify) [350 MHz]
TX (Band high)	4 • CH. : 1-4 • Transmitting			3.0-4.2 V (Verify) [L] 2.7-4.0 V (Verify) [H] 3.0-4.3 V (Verify) [350 MHz]
RX FREQUENCY	1 • CH. : 1-8 • Receiving	• Connect an frequency counter to the 1st LO check point on the MAIN/-A UNIT as below.	[RX REF]	423.5500 MHz [L] 473.5500 MHz [H] 353.5500 MHz [350 MHz] (±100Hz) (1st Lo frequency)
TX FREQUENCY	1	1) Set the item [TX Mode] to "1." 2) Connect an RF power meter to the TX antenna.	[TX Mode]	"1"
	2 • CH. : 1-5 • Transmitting	1) Adjust the frequency using [←] / [→] keys of the PC's keyboard. 2) Push [ENTER] to store the value.	[TX REF]	469.9000 MHz [L] 519.9000 MHz [H] 399.9000 MHz [350 MHz]

• I/O CHECK WINDOW



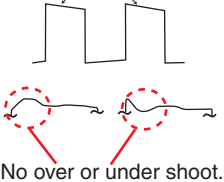
• 1ST LO CHECK POINT



### 6-3 TRANSMIT ADJUSTMENT

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
<b>TX Output Power</b> -Preparation-	1	• Connect an RF power meter to the TX antenna connector.	-	-
-Adjust- <b>(Hi Power)</b>	2	• CH. : 1-6 • Transmitting	[Power(Hi)]	50 W [FR6000/-L] 25 W [FR6100]
<b>(L2 Power)</b>	3	• CH. : 1-7 • Transmitting	[Power(L2)]	25 W [FR6000/-L] 10 W [FR6100]
<b>(L1 Power)</b>	4	• CH. : 1-8 • Transmitting	[Power(L1)]	5 W [FR6000/-L] 2.5 W [FR6100]
<b>MODULATION BALANCE</b> -Preparation-	1	1) Connect a Modulation Analyzer to the TX antenna connector through an attenuator. 2) Set the Modulation Analyzer as; HPF : OFF LPF : 20 kHz De-emphasis : OFF Detector : (P-P)/2	-	-
	2	1) Connect an Audio Generator to the MIC line through the JIG cable. 2) Set the Audio Generator as; Modulation : 1 kHz Level : 40 mV rms Wave form : Sine wave	-	-
	3	• Set the item [TX Mode] to "2."	[TX Mode]	"2"
-Adjust- <b>(VCO 1)</b>	4	• CH. : 1-9 • Transmitting	[BAL]	As flat as possible.
<b>(VCO 2)</b>	5	• CH. : 1-10 • Transmitting	[BAL Offset (High)]	
<b>DIGITAL DEVIATION</b> -Preparation-	1	• Set the item [TX Mode] to "16."	[TX Mode]	"16"
	2	1) Connect a Modulation Analyzer to the TX antenna connector through an attenuator. 2) Set the Modulation Analyzer as; HPF : OFF LPF : 20 kHz De-emphasis : OFF Detector : (P-P)/2	-	-
-Adjust- <b>(Band 1)</b>	3	• CH. : 1-11 • Transmitting	[MOD (Digital)]	±1.39–1.43 kHz
<b>(Band 2)</b>	4	• CH. : 1-12 • Transmitting	[MOD Slant Band 0]	
<b>(Band 3)</b>	5	• CH. : 1-13 • Transmitting	[MOD Slant Band 1]	
<b>(Band 4)</b>	6	• CH. : 1-14 • Transmitting	[MOD Slant Band 2]	
<b>(Band 5)</b>	7	• CH. : 1-15 • Transmitting	[MOD Offset (High)]	
<b>(Band 6)</b>	8	• CH. : 1-16 • Transmitting	[MOD Slant Band 3]	
<b>(Band 7)</b>	9	• CH. : 1-17 • Transmitting	[MOD Slant Band 4]	
<b>(Band 8)</b>	10	• CH. : 1-18 • Transmitting	[MOD Slant Band 5]	



### 6-3 TRANSMIT ADJUSTMENT (continued)

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
ANALOG DEVIATION -Preparation-	1	–	• Set the item [TX Mode] to "1."	[TX Mode] "1"
	2	–	1) Connect a Modulation Analyzer to the TX antenna connector through an attenuator. 2) Set the Modulation Analyzer as; HPF : OFF LPF : 20 kHz De-emphasis : OFF Detector : (P-P)/2	– –
	3	–	1) Connect an Audio Generator to the MIC line through the JIG cable. 2) Set the Audio Generator as; Modulation : 1 kHz Level : 40 mV rms Wave form : Sine wave	– –
-Adjust- (Wide)	4	• CH. : 1-10 • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[MOD (Wide)] ±4.05–4.15 kHz
(Middle) <[FR6100] only>	5	• CH. : 1-11 • [Wide Band Width] : "Middle" (see the page 6-4) • Transmitting		[MOD (Middle)] ±3.15–3.25 kHz
(Narrow)	6	• CH. : 1-12 • Transmitting		[MOD (Narrow)] ±2.05–2.15 kHz
CTCSS/DTCS DEVIATION -Preparation-	1	–	• Set the item [TX Mode] to "3."	[TX Mode] "3"
-Adjust-	2	• CH. : 1-19 • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[CTCSS] ±0.68–0.72 kHz

### 6-4 RECEIVE ADJUSTMENT

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE
RECEIVE SENSITIVITY -Preparation-	1	–	• Set the item [RX Mode] to "1."	[RX Mode] "1"
	2	–	1) Connect an SSG to the RX antenna connector. 2) Set the SSG as; Level : +20 dB <sub>μ</sub> Modulation : 1 kHz Deviation : 3.5 kHz	– –
-Adjustment- (Band center)	3	• CH. : 1-23 [Low] : 1-23 [High] • Receiving	1) Set the SSG as; Frequency : 435.000 MHz [Low] 450.100 MHz [High] 375.000 MHz [FR6000-L] 2) Select the item [BPF C ALL], then push the [ENTER] key.	[BPF C ALL]
-Adjustment- (Band center) For [Low band] version only	4	• CH. : 1-24 [Low] only • Receiving	1) Set the SSG as; Frequency : 400.100 MHz [Low] 350.100 MHz [FR6000-L] 2) Select the item [BPF L ALL], then push the [ENTER] key.	[BPF L ALL]
-Adjustment- (Band high)	5	• CH. : 1-22 [Low] : 1-24 [High] • Receiving	1) Set the SSG as; Frequency : 469.900 MHz [Low] 519.900 MHz [High] 399.900 MHz [FR6000-L] 2) Select the item [BPF H ALL], then push the [ENTER] key.	[BPF H ALL]

**6-4 RECEIVE ADJUSTMENT (continued)**

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE	
<b>S-METER</b> <b>-Preparation-</b>	<b>NOTE:</b> "RECEIVE SENSITIVITY" MUST be adjusted before "S-METER." When "RECEIVE SENSITIVITY" is re-adjusted, "S-METER" MUST be re-adjusted too.				
	1	–	1) Connect an SSG to the RX antenna connector. 2) Set the SSG as; Frequency : 400.100 MHz [Low band] 450.100 MHz [High band] 350.100 MHz [FR6000-L] Modulation : 1 kHz Deviation : 3.5 kHz	–	–
<b>-Adjust-</b> <b>(S3 level)</b>	2	• CH. : 1-26 [Low] : 1-25 [High] • Receiving	1) Set the SSG as; Level : +23 dB $\mu$ 2) Select the item [ <b>RSSI S3 Level</b> ], then push the [ENTER] key to store the adjust value.	[ <b>RSSI S3 Level</b> ]	(Automatic adjustment)
<b>(S1 level)</b>	3	• CH. : 1-26 [Low] : 1-25 [High] • Receiving	1) Set the SSG as; Level : –7 dB $\mu$ 2) Select the item [ <b>RSSI S1 Level</b> ], then push the [ENTER] key, to store the adjust value.	[ <b>RSSI S1 Level</b> ]	(Automatic adjustment)
<b>SQUELCH</b> <b>-Preparation-</b>	1	–	• Set the item [ <b>SQL Level</b> ] to "2."	[ <b>SQL Level</b> ]	"2"
	2	• Connect an SSG to the RX antenna connector.	• Set the SSG as; Frequency : 400.100 MHz [Low band] 450.100 MHz [High band] 350.100 MHz [FR6000-L] Modulation : 1 kHz Deviation : 3.5 kHz Level : –14 dB $\mu$	–	–
<b>-Adjust-</b>	2	• CH. : 1-27 [Low] : 1-26 [High] • Receiving	1) Decrease the adjustment value [ <b>SQL</b> ] to close the squelch once, then increase the value to open the squelch. 2) Select the item [ <b>SQL</b> ], then push the [ENTER] key to store the adjust value.	[ <b>SQL</b> ]	(Automatic adjustment)

# PARTS LIST

## [MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1-#ZZZB	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.1
IC3	1130010100	S.IC LMX2352TMX/NOPB	B	120.2/43.9
IC4	1130010100	S.IC LMX2352TMX/NOPB	B	28/78.8
IC5	1110003491	S.IC TA31136FNG(D,EL)	B	70.4/82.5
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4
IC8	1130012910	S.IC AK4554VTP-E2/P	B	36.2/59.9
IC9	1190002080	S.IC AD7476ARTZ-500RL7	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK(T5L,F)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35
IC12	1140013290	S.IC TMS320VC5509AZHH	B	33.3/37.8
IC13	1180002590	S.REG XC6204B332MR	T	80.9/21.3
IC14	1180003270	S.REG R1114Q161D-TR-F	T	84.4/21.4
IC15	1180002590	S.REG XC6204B332MR	T	87.8/21.3
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.2/52.8
IC20	1140014550	S.IC HD64F2506RFFC26DV(EMPTY)	T	33.5/37.6
IC21	1140012950	S.IC 24LC512T-VSM	T	59.1/21.8
IC22	1150002211	IC RA55H4047M-121 [USA-01]		
	1150002211	IC RA55H4047M-121 [EXP-01]		
	1150002211	IC RA55H4047M-121 [CHN-02]		
	1150002221	IC RA55H4452M-121 [USA-02]		
	1150002221	IC RA55H4452M-121 [EXP-02]		
	1150002092	IC RA30H4047M-121 [EUR-01]		
IC23	1110002751	S.IC TA75S01F(TE85R,F)	T	139.3/125.6
IC25	1130008561	S.IC TC75S51F(TE85L,F)	B	29.6/13.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.7/70
IC27	1180001251	S.IC TA7808F(TE16L,Q)	T	116.6/84.1
IC28	1110003091	S.IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85R,F)	T	12/123.1
IC30	1110003390	S.IC AN8005M-(E1)	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.1/45.2
IC32	1130013360	S.IC AT25F2048N-10SU-2.7SL383	B	8.9/36.1
IC34	1110005340	S.IC NJM12904V-TE1-#ZZZB	B	12.2/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.2
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4
IC37	1120002830	S.IC NJM1215F-TE1-#FZZB	T	56.6/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180001071	S.IC TA7805F(TE16L,Q)	T	101.2/24.3
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2
IC41	1180001251	S.IC TA7808F(TE16L,Q)	B	132/16.7
Q1	1590003230	S.TRA UNR9113J-(TX) [USA-01]	B	53.4/79.7
	1590003230	S.TRA UNR9113J-(TX) [EXP-01]		
	1590003231	S.TRA UNR9113G0L [CHN-02]		
	1590003230	S.TRA UNR9113J-(TX) [USA-02]		
	1590003230	S.TRA UNR9113J-(TX) [EXP-02]		
	1590003230	S.TRA UNR9113J-(TX) [EUR-01]		
Q2	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	34.9/77.7
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Q4	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	88.8/41.5
Q5	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	33.3/107.5
Q6	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	29.6/101.3
Q7	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	72.9/92.5
Q8	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	92.7/47.7
Q9	1560001360	S.FET 2SK3019 TL	B	39.5/104.5
Q10	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/44.6
Q11	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/104.4
Q12	1590003230	S.TRA UNR9113J-(TX) [USA-01]		
	1590003230	S.TRA UNR9113J-(TX) [EXP-01]		
	1590003231	S.TRA UNR9113G0L [CHN-02]		
	1590003230	S.TRA UNR9113J-(TX) [USA-02]		
	1590003230	S.TRA UNR9113J-(TX) [EXP-02]		
	1590003230	S.TRA UNR9113J-(TX) [EUR-01]		
Q13	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/47.7
Q14	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/107.5
Q15	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	92.7/44.6
Q16	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	33.3/104.5
Q19	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	63.2/106.8
Q20	1530002920	S.TRA 2SC4226-T1 R25	B	38.8/123.1
Q21	1530002920	S.TRA 2SC4226-T1 R25	B	39.6/114.5
Q22	1530002920	S.TRA 2SC4226-T1 R25	B	94.6/64.3
Q23	1530002920	S.TRA 2SC4226-T1 R25	B	95.2/55.4
Q24	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	100.5/58.6
Q25	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	44.9/116.2
Q26	1590001400	S.IC XP1214(TX)	B	40.5/117.8
Q27	1590001400	S.IC XP1214(TX)	B	96/59.6
Q28	1590003290	S.TRA UNR9213J-(TX) [USA-01]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q29	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	57.2/41.9
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
Q30	1590003290	S.TRA UNR9213J-(TX) [USA-01]	B	37.8/117.8
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		

## [MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
Q31	1590003230	S.TRA UNR9113J-(TX) [USA-01]	T	57.2/39.8
	1590003230	S.TRA UNR9113J-(TX) [EXP-01]		
	1590003231	S.TRA UNR9113G0L [CHN-02]		
	1590003230	S.TRA UNR9113J-(TX) [USA-02]		
	1590003230	S.TRA UNR9113J-(TX) [EXP-02]		
	1590003230	S.TRA UNR9113J-(TX) [EUR-01]		
Q32	1530003980	S.TRA 2SC5700WB-TR-E	B	46.5/109.1
Q33	1530003980	S.TRA 2SC5700WB-TR-E	B	102.1/53.4
Q34	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	46.2/123.1
Q35	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85L,F)	B	47.3/136.1
Q37	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	132.5/84.5
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829(TE85R,F)	B	53.2/140.8
Q40	1590001190	S.IC XP6501-(TX),AB	T	101.6/87.4
Q41	1520000460	S.IC 2SB1132 T100 R	T	101.6/82.8
Q42	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	13.3/67.6
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q43	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	138.8/122.9
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
Q44	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	122.8/79.2
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
Q45	1540000050	S.TRA 2SD1664 T100Q	T	117/76.3
Q46	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	137.4/120.3
Q48	1510000920	S.TRA 2SA1577 T106 Q	T	101.5/77.8
Q49	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	102.2/73.7
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q52	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	10.9/131.6
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q53	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	10.9/129.6
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q56	1590003321	S.FET TPC6103(TE85L,F)	T	7.6/132.6
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	130.2/102.1
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q59	1590000990	S.TRA DTC363EK T146	T	7.6/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	6.8/118.4
Q62	1540000441	S.TRA 2SD1619T-TD-E	T	118.4/18.5
Q63	1560000990	S.FET PMBFJ310	B	66.3/110
Q64	1560000990	S.FET PMBFJ310	B	63.3/110
Q65	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	59.6/123.7
Q66	1590003290	S.TRA UNR9213J-(TX) [USA-01]	B	94.9/47.7
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q67	1590003290	S.TRA UNR9213J-(TX) [USA-01]	B	124.9/4.7
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q68	1590003290	S.TRA UNR9213J-(TX) [USA-01]	B	109.9/4.7
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		
Q69	1590003290	S.TRA UNR9213J-(TX) [USA-01]	T	9.5/53.3
	1590003290	S.TRA UNR9213J-(TX) [EXP-01]		
	1590003291	S.TRA UNR9213G0L [CHN-02]		
	1590003290	S.TRA UNR9213J-(TX) [USA-02]		
	1590003290	S.TRA UNR9213J-(TX) [EXP-02]		
	1590003290	S.TRA UNR9213J-(TX) [EUR-01]		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

S.=Surface mount

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
Q70	1590003230	S.TRA UNR9113J-(TX) [USA-01]	T	9.5/51
	1590003230	S.TRA UNR9113J-(TX) [EXP-01]		
	1590003231	S.TRA UNR9113G0L [CHN-02]		
	1590003230	S.TRA UNR9113J-(TX) [USA-02]		
	1590003230	S.TRA UNR9113J-(TX) [EXP-02]		
	1590003230	S.TRA UNR9113J-(TX) [EUR-01]		
D1	1750001070	S.DIO DAN235ETL	B	57.3/78.6
D2	1750001070	S.DIO DAN235ETL	B	50/79.7
D3	1790001621	S.DIO 1SV308(TPL3,F)	B	70.3/93.4
D4	1790001621	S.DIO 1SV308(TPL3,F)	B	67.8/93.4
D7	1750001150	S.VAR HVC383BTRF-E	B	30.8/122.3
D8	1750001150	S.VAR HVC383BTRF-E	B	30.6/112.7
D9	1750001150	S.VAR HVC383BTRF-E	B	85.6/63.5
D10	1750001150	S.VAR HVC383BTRF-E	B	85.7/53.3
D11	1790001621	S.DIO 1SV308(TPL3,F)	B	63.5/103.1
D12	1790001621	S.DIO 1SV308(TPL3,F)	B	62.7/101.1
D13	1750000711	S.VAR HVC350BTRF-E	B	87.3/66.8
D14	1750000711	S.VAR HVC350BTRF-E	B	87.1/55.4
D15	1750000711	S.VAR HVC350BTRF-E	B	32.6/125.4
D16	1750000711	S.VAR HVC350BTRF-E	B	32/114.5
D17	1720000570	S.VAR MA368(TX)	B	94.6/66.6
D18	1720000570	S.VAR MA368(TX)	B	91.4/57.7
D19	1750000520	S.DIO DAN222TL	T	59.6/39.8
D20	1790001260	S.DIO MA2S077-(TX) [USA-01]	T	38.9/57.8
	1790001260	S.DIO MA2S077-(TX) [EXP-01]		
	1790001261	S.DIO MA2S077G0L [CHN-02]		
	1790001260	S.DIO MA2S077-(TX) [USA-02]		
	1790001260	S.DIO MA2S077-(TX) [EXP-02]		
	1790001260	S.DIO MA2S077-(TX) [EUR-01]		
D21	1750000711	S.VAR HVC350BTRF-E	B	66.1/135.8
D22	1750000711	S.VAR HVC350BTRF-E	B	62.9/135.8
D24	1750000711	S.VAR HVC350BTRF-E	B	56.1/135.9
D27	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	57.2/140.4
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D28	1750000711	S.VAR HVC350BTRF-E	B	35.9/134.4
D29	1750000711	S.VAR HVC350BTRF-E	B	37.1/134.4
D31	1750000711	S.VAR HVC350BTRF-E	B	32.4/136.5
D32	1750000711	S.VAR HVC350BTRF-E	B	32.4/135.3
D33	1790001240	S.DIO MA2S728-(TX) [USA-01]	B	37.8/144.2
	1790001240	S.DIO MA2S728-(TX) [EXP-01]		
	1790001241	S.DIO MA2S7280GL [CHN-02]		
	1790001240	S.DIO MA2S728-(TX) [USA-02]		
	1790001240	S.DIO MA2S728-(TX) [EXP-02]		
	1790001240	S.DIO MA2S728-(TX) [EUR-01]		
D34	1790001260	S.DIO MA2S077-(TX) [USA-01]	B	85.4/137.8
	1790001260	S.DIO MA2S077-(TX) [EXP-01]		
	1790001261	S.DIO MA2S077G0L [CHN-02]		
	1790001260	S.DIO MA2S077-(TX) [USA-02]		
	1790001260	S.DIO MA2S077-(TX) [EXP-02]		
	1790001260	S.DIO MA2S077-(TX) [EUR-01]		
D38	1750001360	S.DIO L709CER (9401)	B	87.8/135.6
D40	1750000370	S.DIO DA221 TL	T	112.6/77
D44	1710001061	DIO L407CDB	T	
D45	1790001211	S.DIO 1SS375-TL-E	B	96.3/138.1
D46	1750000520	S.DIO DAN222TL	T	13.3/131.1
D47	1750000520	S.DIO DAN222TL	T	13.2/129.1
D48	1790000660	S.DIO MA728(TX)	B	121.1/142.5
D49	1790000660	S.DIO MA728(TX)	B	140.6/133
D51	1790001250	S.DIO MA2S111-(TX) [USA-01]	T	10.5/127.1
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D53	1790001810	S.VAR AVR-M1005C080MTABB	T	32.5/11.5
D55	1790001810	S.VAR AVR-M1005C080MTABB	T	30.5/11.5
D56	1790001810	S.VAR AVR-M1005C080MTABB	B	33.2/22.1
D59	1790000700	DIO DSA3A1	T	
D61	1160000070	S.DIO DAN202K T146	T	118.4/14.3
D62	1750000431	S.DIO HSB88WSTR-E	B	68.3/123.3
D63	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	34.1/20.7
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D64	1750000370	S.DIO DA221 TL	T	63.2/93.9
D65	1750000370	S.DIO DA221 TL	T	65.2/93.9
D66	1750000370	S.DIO DA221 TL	T	67.2/93.9
D67	1750000370	S.DIO DA221 TL	T	62.5/105.6
D68	1750000370	S.DIO DA221 TL	T	60.5/104.7
D69	1750000370	S.DIO DA221 TL	T	69.2/93.9
D70	1750000370	S.DIO DA221 TL	T	71.2/93.9
D71	1750000370	S.DIO DA221 TL	T	69.4/109.5
D72	1750000370	S.DIO DA221 TL	T	71.5/109.5
D73	1750000370	S.DIO DA221 TL	T	73.5/109.5
D74	1750000370	S.DIO DA221 TL	T	75.6/109.5
D75	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	41/38.6
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION		
D76	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	26.4/41.3		
	1790001250	S.DIO MA2S111-(TX) [EXP-01]				
D77	1790001251	S.DIO MA2S1110GL [CHN-02]				
	1790001250	S.DIO MA2S111-(TX) [USA-02]				
	1790001250	S.DIO MA2S111-(TX) [EXP-02]				
	1790001250	S.DIO MA2S111-(TX) [EUR-01]				
	1790001250	S.DIO MA2S111-(TX) [USA-01]	B			
	1790001250	S.DIO MA2S111-(TX) [EXP-01]				
	1790001251	S.DIO MA2S1110GL [CHN-02]				
	1790001250	S.DIO MA2S111-(TX) [USA-02]				
	1790001250	S.DIO MA2S111-(TX) [EXP-02]				
	1790001250	S.DIO MA2S111-(TX) [EUR-01]				
D78	1790001250	S.DIO MA2S1110GL [CHN-02]				
	1790001250	S.DIO MA2S111-(TX) [USA-02]				
	1790001250	S.DIO MA2S111-(TX) [EXP-02]				
	1790001250	S.DIO MA2S111-(TX) [EUR-01]				
	1790001250	S.DIO MA2S111-(TX) [USA-01]	B			
	1790001250	S.DIO MA2S111-(TX) [EXP-01]				
F11	2020001520	CER CFWLA450KFFA-B0 (CFWS450F)				
	2020001460	CER CFWLA450KHFA-B0 (CFWS450HT)				
	F13	2030000500	S.MON DSF753SFB 46.35 MHz(FL-401)	B	72/101	
	F14	2030000670	S.MON DSF753SFB 46.35 MHz(FL-420)	B	63.4/91.1	
	F15	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/110.3	
F16	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/113.4		
	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T			
F17	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/116.5		
	X1	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz		B	128.6/45.3
	X2	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz		B	35.6/72.3
	X3	6070000300	S.DIS JTBM450CX24 <JJE>		B	63.5/83.5
	X4	60500012350	S.XTA CR-817 DSB321SC 12.288 MHz		B	52.8/38.2
X5	6050012680	S.XTA CR-858(SMD-49/18.432 MHz) <JJE>	T	46.9/52.7		
L1	6200004660	S.COI MLF1608A 1R8K-T	B	115.6/39.2		
	6200004660	S.COI MLF1608A 1R8K-T	B			
	6200004480	S.COI MLF1608D R82K-T	B			
	6200003540	S.COI MLF1608D R22K-T	B			
	6200005671	S.COI ELJRE 12NGFA [USA-01]	B			
	6200005671	S.COI ELJRE 12NGFA [EXP-01]				
	6200005661	S.COI ELJRE 10NGFA [CHN-02]				
	6200005661	S.COI ELJRE 10NGFA [USA-02]				
	6200005671	S.COI ELJRE 12NGFA [EXP-02]				
	6200005671	S.COI ELJRE 12NGFA [EUR-01]				
	L6	6200005671	S.COI ELJRE 12NGFA		B	
	L8	6200004741	S.COI NLV25T-1R2J		B	
	L9	6200004741	S.COI NLV25T-1R2J		B	
	L10	6200004741	S.COI NLV25T-1R2J		B	
	L11	6200004741	S.COI NLV25T-1R2J		B	
	L12	6200004741	S.COI NLV25T-1R2J		B	
	L13	6200004741	S.COI NLV25T-1R2J		B	
	L14	6200004741	S.COI NLV25T-1R2J		B	
	L15	6200004741	S.COI NLV25T-1R2J		B	
L18	6200009260	S.COI C3328A-5N0J-A	B			
L19	6200009260	S.COI C3328A-5N0J-A	B			
L20	6200009390	S.COI C3328A-8N0J-A	B			
L21	6200009390	S.COI C3328A-8N0J-A	B			
L22	6200003550	S.COI MLF1608A 4R7K-T	B			
L23	6200002861	S.COI NLV25T-4R7J	B			
L24	6200010740	S.COI C2520C-R27G-A	B			
L25	6200004741	S.COI NLV25T-1R2J	B			
L26	6200004741	S.COI NLV25T-1R2J	B			
L27	6130002961	S.COI #617DB-1327=P3	B			
L28	6200005711	S.COI ELJRE 27NGFA	B			
L29	6200005721	S.COI ELJRE 33NGFA	B			
L30	6200005721	S.COI ELJRE 33NGFA	B			
L31	6200002861	S.COI NLV25T-4R7J	T			
L32	6130002961	S.COI #617DB-1327=P3	B			
L33	6200005671	S.COI ELJRE 12NGFA	B			
L34	6200005711	S.COI ELJRE 27NGFA [USA-01]	B			
L35	6200005711	S.COI ELJRE 27NGFA [EXP-01]				
	6200005711	S.COI ELJRE 27NGFA [CHN-02]				
	6200005691	S.COI ELJRE 18NGFA [USA-02]				
	6200005691	S.COI ELJRE 18NGFA [EXP-02]				
	6200005711	S.COI ELJRE 27NGFA [EUR-01]				
	6200005671	S.COI ELJRE 12NGFA [USA-01]	B			
	6200005671	S.COI ELJRE 12NGFA [EXP-01]				
	6200005671	S.COI ELJRE 12NGFA [CHN-02]				
	6200005661	S.COI ELJRE 10NGFA [USA-02]				
	6200005671	S.COI ELJRE 10NGFA [EXP-02]				
6200005671	S.COI ELJRE 12NGFA [EUR-01]					
L36	6200005711	S.COI ELJRE 27NGFA	B	44.3/123.1		
	6200005711	S.COI ELJRE 27NGFA [USA-01]	B			
L37	6200005711	S.COI ELJRE 27NGFA [EXP-01]				
	6200005711	S.COI ELJRE 27NGFA [CHN-02]				
	6200005661	S.COI ELJRE 10NGFA [USA-02]				
	6200005661	S.COI ELJRE 10NGFA [EXP-02]				
	6200005671	S.COI ELJRE 12NGFA [EUR-01]				
	6200005711	S.COI ELJRE 27NGFA	B			
	6200005711	S.COI ELJRE 27NGFA [USA-01]	B			
	6200005711	S.COI ELJRE 27NGFA [EXP-01]				
	6200005711	S.COI ELJRE 27NGFA [CHN-02]				
	6200005691	S.COI ELJRE 18NGFA [USA-02]				
	6200005691	S.COI ELJRE 18NGFA [EXP-02]				
6200005711	S.COI ELJRE 27NGFA [EUR-01]					
L38	6200005711	S.COI ELJRE 27NGFA	B	100/64.4		
L39	6200009320	S.COI C3328A-12NG-A	B	70.8/137.3		
L40	6200009320	S.COI C3328A-12NG-A	B	59.5/135.7		
L41	6200009320	S.COI C3328A-12NG-A	B	51.4/136.3		
L42	6200005711	S.COI ELJRE 27NGFA	B	134.7/83.8		
L43	6200005711	S.COI ELJRE 27NGFA	B	142/87.1		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
L44	6200010290	S.COI C6328A-22NG-A [USA-01]	B	41.9/136.2
	6200010290	S.COI C6328A-22NG-A [EXP-01]		
	6200010290	S.COI C6328A-22NG-A [CHN-02]		
	6200013490	S.COI C6328A-17NG-A [USA-02]		
	6200013490	S.COI C6328A-17NG-A [EXP-02]		
	6200010290	S.COI C6328A-22NG-A [EUR-01]		
L45	6200005641	S.COI ELJRE 6N8ZFA	B	142.7/90.6
L46	6200005691	S.COI ELJRE 18NGFA [USA-01]	B	142/94.6
	6200005691	S.COI ELJRE 18NGFA [EXP-01]		
	6200005691	S.COI ELJRE 18NGFA [CHN-02]		
	6200005691	S.COI ELJRE 18NGFA [USA-02]		
	6200005691	S.COI ELJRE 18NGFA [EXP-02]		
	6200005671	S.COI ELJRE 12NGFA [EUR-01]		
L47	6200010290	S.COI C6328A-22NG-A [USA-01]	B	34.8/140.3
	6200010290	S.COI C6328A-22NG-A [EXP-01]		
	6200010290	S.COI C6328A-22NG-A [CHN-02]		
	6200013490	S.COI C6328A-17NG-A [USA-02]		
	6200013490	S.COI C6328A-17NG-A [EXP-02]		
	6200010290	S.COI C6328A-22NG-A [EUR-01]		
L48	6200010100	S.COI C2012C-33NG-A	B	39.7/142.2
L49	6200010040	S.COI AS100340-10N	B	95.5/119.7
L50	6200005691	S.COI ELJRE 18NGFA	B	88/137.7
L52	6200010420	S.COI FHW1210HC 1R0JGT <JJ>	B	86.6/122.3
L53	6200010150	S.COI AS080340-15N	B	92.5/134.3
L54	6200010150	S.COI AS080340-15N	B	99.7/133.8
L55	6200010150	S.COI AS080340-15N	B	107.5/135.8
L56	6200010150	S.COI AS080340-15N	B	114.4/138.9
L57	6200010150	S.COI AS080340-15N	B	144.6/142.1
L58	6200002861	S.COI NLV25T-4R7J	T	55.4/37.5
L59	6200010420	S.COI FHW1210HC 1R0JGT <JJ>	B	147.1/146.2
L60	6200010420	S.COI FHW1210HC 1R0JGT <JJ>	B	24.5/145
L61	6200002961	S.COI NLV32T-4R7J	T	118.4/23.8
L65	6200004741	S.COI NLV25T-1R2J	B	41.3/123.3
L66	6200004741	S.COI NLV25T-1R2J	B	42.8/113.5
R1	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	54.5/63.5
R2	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	59/61.8
R3	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	62.4/69.6
R4	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	57.3/80.1
R6	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	9.5/57.1
R7	7030010040	S.RES ERJ2GEJ-JPW	T	61.6/66.3
R8	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	24.9/70.4
R9	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	25.8/70.4
R10	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	26.7/70.4
R12	7510001730	S.THE ERTJJOEP 473J	B	129.1/49.3
R13	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	130.8/49.3
R15	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	54.5/78.3
R17	7030004980	S.RES ERJ2GEJ 101 X (100)	T	19.8/68.8
R18	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	55.3/79.2
R20	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	56.2/63.5
R22	7410001130	S.ARR EXB28V102JX	B	122.6/39
R23	7410001130	S.ARR EXB28V102JX	B	23.1/76.3
R25	7030004970	S.RES ERJ2GEJ 470 X (47)	B	65.3/79.4
R26	7030010040	S.RES ERJ2GEJ-JPW	T	57.8/64.5
R27	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	57.8/61
R29	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	35.8/75.5
R30	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	52.8/81.1
R32	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	51.2/78.3
R33	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	48.4/78.2
R34	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	27.1/68.1
R35	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	28/68.1
R36	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	28.9/68.1
R38	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	27.6/70.4
R39	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	28.6/70.4
R40	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	29.5/70.4
R41	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	68.2/78.2
R42	7030007060	S.RES ERJ2GEJ 684X (680K)	B	34.6/75.9
R43	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	62.8/77.3
R44	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	71.4/78.2
R45	7030004970	S.RES ERJ2GEJ 470 X (47)	B	64.6/75.5
R46	7030005000	S.RES ERJ2GEJ 471 X (470)	T	52.7/57.1
R47	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	64.6/76.4
R48	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	62.8/76.4
R49	7030010040	S.RES ERJ2GEJ-JPW	T	55.2/57
R52	7030004980	S.RES ERJ2GEJ 101 X (100)	B	34.1/56.4
R53	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	16.8/57.6
R54	7030005000	S.RES ERJ2GEJ 471 X (470)	B	19.4/64.3
R56	7030004970	S.RES ERJ2GEJ 470 X (47)	B	121.9/50.4
R57	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	62.8/75.5
R58	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	56.5/49
R59	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	57.4/49
R60	7030005000	S.RES ERJ2GEJ 471 X (470)	B	33.1/75.2
R62	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	18.5/62.5
R63	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	55.5/60
R65	7030005000	S.RES ERJ2GEJ 471 X (470)	B	125.1/47.3
R66	7030004980	S.RES ERJ2GEJ 101 X (100)	B	56.5/50.6
R68	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	67.5/86.7
R69	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.7/83
R71	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	31/62.6
R72	7030004980	S.RES ERJ2GEJ 101 X (100)	B	57.6/44.2
R75	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	39.9/71.1
R76	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	91/41.5
R77	7030005580	S.RES ERJ2GEJ 560 X (56)	B	119.7/48.8
R78	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	29.6/99.3
R79	7030005580	S.RES ERJ2GEJ 560 X (56)	B	32.7/79.5
R80	7030004970	S.RES ERJ2GEJ 470 X (47)	B	23.5/41.1
R81	7030007250	S.RES ERJ2GEJ 220 X (22)	B	49.9/50.5
R82	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	56/44.2
R84	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	95.4/45.4
R85	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	36.9/105.6
R87	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	73.7/81.1
R88	7030005530	S.RES ERJ2GEJ 100 X (10)	B	39/71.1
R89	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	67.1/83.2

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R90	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	54.5/73.3
R91	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	94.5/45.4
R92	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	86.7/41.5
R93	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	35.1/105.6
R94	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	28/98.3
R97	7410001170	S.ARR EXB28V470JX	B	42.9/49.9
R98	7030005530	S.RES ERJ2GEJ 100 X (10)	B	70.7/90.4
R99	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	70.7/91.3
R100	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	69.1/92.3
R101	7030004980	S.RES ERJ2GEJ 101 X (100)	B	86.7/43.7
R102	7030004980	S.RES ERJ2GEJ 101 X (100)	B	31.5/105.6
R103	7030004980	S.RES ERJ2GEJ 101 X (100)	B	27.8/103.9
R104	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	86.7/45.4
R105	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	31.5/109
R106	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	27.8/105.6
R107	7030004980	S.RES ERJ2GEJ 101 X (100)	B	90.8/45.4
R108	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	90.8/43.7
R109	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	65.7/100.1
R110	7030005810	S.RES RR0510P-152-D (1.5K)	B	31.5/103.9
R111	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	37.8/105.6
R112	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	86.7/47.1
R113	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	27.8/107.3
R114	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	69.4/94.8
R115	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	66.8/96.2
R116	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	90.8/48.8
R117	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	90.8/47.1
R118	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.8/94.8
R119	7030007270	S.RES ERJ2GEJ 151 X (150)	B	67.2/90
R120	7030005800	S.RES RR0510P-102-D (1K)	B	31.5/107.3
R121	7030009820	S.RES RR0510P-681-D (680)	B	26.2/109
R122	7030004970	S.RES ERJ2GEJ 470 X (47)	B	56.6/33.9
R123	7030004970	S.RES ERJ2GEJ 470 X (47)	B	49.5/38.5
R124	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.3/38.3
R125	7030007280	S.RES ERJ2GEJ 331 X (330)	B	82.6/51
R126	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	94.5/43.7
R127	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	61.2/51
R128	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	35.1/103.9
R129	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.3/35.1
R130	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	56.2/36.7
R131	7030004980	S.RES ERJ2GEJ 101 X (100)	B	54.2/32.4
R132	7030007290	S.RES ERJ2GEJ 221 X (2.2K)	B	50.8/34.9
R133	7030007280	S.RES ERJ2GEJ 331 X (330)	B	67.5/104.4
R134	7030007270	S.RES ERJ2GEJ 151 X (150)	B	62.7/97.1
R136	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	81.7/65.3
R137	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	81.7/56.8
R140	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	63.8/101.1
R142	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	65.7/103.1
R143	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	48.6/38.5
R144	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	48.6/36.8
R145	7030010040	S.RES ERJ2GEJ-JPW	B	47.3/37.3
R146	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	97.3/47.1
R147	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	98.2/47.1
R148	7030004980	S.RES ERJ2GEJ 101 X (100)	B	59.3/106.8
R149	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	97.3/48.8
R150	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	91.5/66.6
R151	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	88.9/58.2
R152	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	65.2/107
R153	7030005000	S.RES ERJ2GEJ 471 X (470)	B	61.4/104.4
R154	7030006020	S.RES RR0510P-682-D (6.8K)	B	36.8/121.9
R155	7030006020	S.RES RR0510P-682-D (6.8K)	B	36.5/120.7
R156	7030006020	S.RES RR0510P-682-D (6.8K)	B	37.4/112.2
R157	7030005530	S.RES ERJ2GEJ 100 X (10)	B	92.4/66.6
R158	7030005530	S.RES ERJ2GEJ 100 X (10)	B	88.9/57.2
R159	7030005530	S.RES ERJ2GEJ 100 X (10)	B	65.2/106.1
R160	7030010040	S.RES ERJ2GEJ-JPW	B	36.8/123.7
R161	7030006020	S.RES RR0510		

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R205	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	34.5/57.9
R207	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	103.7/64
R208	7030010040	S.RES ERJ2GEJ-JPW	B	46.2/120.7
R209	7030005000	S.RES ERJ2GEJ 471 X (470)	T	67.6/56
R212	7410001140	S.ARR EXB28V104JX	T	52.3/41.1
R213	7030005530	S.RES ERJ2GEJ 100 X (10)	T	41.4/47.7
R214	7030004980	S.RES ERJ2GEJ 101 X (100)	B	98.9/64
R215	7030010040	S.RES ERJ2GEJ-JPW	B	100.9/62
R216	7410001140	S.ARR EXB28V104JX	T	17.3/52.4
R217	7410001140	S.ARR EXB28V104JX	T	38.6/56
R218	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	65/137.9
R220	7410001140	S.ARR EXB28V104JX	T	15.2/50.7
R222	7410001140	S.ARR EXB28V104JX	T	36.1/56
R223	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	64/136.3
R224	7410001150	S.ARR EXB28V471JX	T	30.4/53.1
R225	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	64/137.9
R226	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	57.2/136.1
R227	7410001150	S.ARR EXB28V471JX	T	42.9/28.9
R230	7410001150	S.ARR EXB28V471JX	T	28.6/50.9
R231	7030005010	S.RES ERJ2GEJ 681 X (680) [USA-01]	B	55/138
	7030005010	S.RES ERJ2GEJ 681 X (680) [EXP-01]		
	7030005010	S.RES ERJ2GEJ 681 X (680) [CHN-02]		
	7030005010	S.RES ERJ2GEJ 681 X (680) [USA-02]		
	7030005010	S.RES ERJ2GEJ 681 X (680) [EXP-02]		
	7030007280	S.RES ERJ2GEJ 331 X (330) [EUR-01]		
R232	7410001150	S.ARR EXB28V471JX	T	25.9/49.4
R233	7030005530	S.RES ERJ2GEJ 100 X (10)	B	54.1/136.1
R234	7410001150	S.ARR EXB28V471JX	T	42.5/25.7
R235	7410001150	S.ARR EXB28V471JX	T	24.2/47.6
R236	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	133.1/82.8
R237	7030004970	S.RES ERJ2GEJ 470 X (47)	B	48.4/138.3
R238	7410001150	S.ARR EXB28V471JX	T	45.7/28.9
R239	7410001150	S.ARR EXB28V471JX	T	22.4/45.8
R240	7030004980	S.RES ERJ2GEJ 101 X (100)	B	135.8/84.5
R241	7030005710	S.RES ERJ2GEJ 121 X (120)	B	48.4/133.8
R242	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	47.4/138.3
R243	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.4/138.3
R244	7410001150	S.ARR EXB28V471JX	T	39.7/25.8
R245	7410001150	S.ARR EXB28V471JX	T	20.2/42.4
R246	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	44.4/136.1
R247	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	47.4/140.4
R248	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	137.4/85.8
R253	7030004970	S.RES ERJ2GEJ 470 X (47)	B	138.8/85.4
R255	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	51.4/140.4
R257	7410001140	S.ARR EXB28V104JX	T	14.5/45.7
R258	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	58.3/140.4
R259	7030005170	S.RES ERJ2GEJ 474 X (470K)	B	56.1/140.4
R260	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	144.6/121.4
R261	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	52.5/25.2
R262	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	51.9/22.8
R263	7410001140	S.ARR EXB28V104JX	T	46.2/20
R264	7410001140	S.ARR EXB28V104JX	T	50.2/24
R265	7030007280	S.RES ERJ2GEJ 331 X (330)	T	143/121.4
R266	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	34.6/133.5
R267	7410001140	S.ARR EXB28V104JX	T	14.8/43.1
R268	7410001150	S.ARR EXB28V471JX	T	45.7/31.8
R269	7030007270	S.RES ERJ2GEJ 151 X (150)	B	142.6/92.6
R270	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.6/134
R271	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	23.8/26.7
R272	7410001150	S.ARR EXB28V471JX	T	17.9/32.3
R273	7410001150	S.ARR EXB28V471JX	T	17.9/35.1
R274	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	31.5/134
R277	7030004980	S.RES ERJ2GEJ 101 X (100)	T	143.4/126.6
R278	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	13.9/65.6
R279	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	103.6/88.4
R280	7030004990	S.RES ERJ2GEJ 221 X (220)	T	138.4/128.2
R281	7410001150	S.ARR EXB28V471JX	T	21.3/31.8
R282	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	37.8/20.3
R283	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	141.5/126.6
R285	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	101.6/79.5
R287	7410001140	S.ARR EXB28V104JX	T	49.7/27.7
R288	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	136.8/124.7
R289	7030006070	S.RES ERJ2JY101U (100)	B	86.9/117.5
R290	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	137.2/122.6
R291	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	139.2/121.2
R292	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	139.3/128.2
R295	7030006610	S.RES ERJ2GEJ 394 X (390K)	T	136.3/122.6
R296	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	121.8/77.2
R297	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	122.8/77.2
R298	7030000440	S.RES MCR10EZJH 3.3K (332)	T	120.4/77.3
R299	7030004980	S.RES ERJ2GEJ 101 X (100)	B	29.1/19.4
R300	7030005530	S.RES ERJ2GEJ 100 X (10)	T	47.6/73.1
R301	7030008300	S.RES ERJ2GEJ 184 X (180K)	B	85.7/131
R303	7410001150	S.ARR EXB28V471JX	T	47.7/68.4
R304	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	95.4/135.9
R306	7520000260	S.POS PRF18BB471QB1RB	B	87.3/130.2
R308	7030008010	S.RES ERJ2GEJ 123 X (12K) [USA-01]	T	140.7/128.3
	7030008010	S.RES ERJ2GEJ 123 X (12K) [EXP-01]		
	7030008010	S.RES ERJ2GEJ 123 X (12K) [CHN-02]		
	7030008010	S.RES ERJ2GEJ 123 X (12K) [USA-02]		
	7030008010	S.RES ERJ2GEJ 123 X (12K) [EXP-02]		
	7030007340	S.RES ERJ2GEJ 153 X (15K) [EUR-01]		
R309	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	102.2/75.7
R313	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	103.5/77.8
R315	7030005700	S.RES ERJ2GEJ 274 X (270K)	B	98.6/137.3
R316	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	11.2/128.2
R320	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	15/124.1
R321	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	119.5/142.1
R322	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	119.4/144.2
R324	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	31.3/12
R325	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.3/12
R326	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	13.2/125.7
R327	7030000220	S.RES MCR10EZJH 47 (470)	B	119.7/132.8
R328	7030000260	S.RES MCR10EZJH 100 (101)	B	139.3/144.3

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R331	7030004980	S.RES ERJ2GEJ 101 X (100)	T	12/120
R332	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	139.5/135
R333	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	139.3/131.4
R334	7030005651	S.RES ERA3YKD 304V (300K)	T	57.8/30.5
R335	7030005871	S.RES ERA3YKD 104V (100K)	T	55.9/29.7
R336	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	12/120.9
R337	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	13.2/120.6
R339	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	12/125.3
R341	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	33.3/12
R342	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	45.3/56.9
R346	7410001150	S.ARR EXB28V471JX	T	43.5/73.8
R347	7030005000	S.RES ERJ2GEJ 471 X (470)	T	9.8/132.9
R348	7030000620	S.RES MCR10EZJH 100 K (104)	B	147.2/150.9
R349	7030000620	S.RES MCR10EZJH 100 K (104)	B	26/149.7
R350	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	6.4/131
R352	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	10.2/125.3
R353	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.8/56.9
R354	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	125.2/103.6
R355	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	129.2/103.6
R356	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	9.8/134.5
R357	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	10.1/150.2
R362	7540000290	ABS ERZV10D220		
R364	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	65.1/71.2
R365	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	7.4/120.7
R366	7030007290	S.RES ERJ2GEJ 221 X (2.2K)	B	7/123.5
R367	7030004980	S.RES ERJ2GEJ 101 X (100)	T	9.7/117.3
R368	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	8.5/117.8
R369	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	9.7/118.2
R370	7030008280	S.RES ERJ2GEJ 271 X (270)	T	6.1/120.7
R371	7030010040	S.RES ERJ2GEJ-JPW	T	5/117.3
R372	7030005000	S.RES ERJ2GEJ 471 X (470)	T	115.3/15.8
R373	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	115.3/14
R374	7030000140	S.RES MCR10EZJH 10 (100)	T	111.2/12.3
R375	7030010040	S.RES ERJ2GEJ-JPW	T	100.1/16.3
R376	7030004980	S.RES ERJ2GEJ 101 X (100)	B	62.3/122.2
R377	7030005000	S.RES ERJ2GEJ 471 X (470)	B	62.3/124.7
R378	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	63.2/126.1
R379	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	59.6/126.1
R380	7030007260	S.RES ERJ2GEJ 330 X (33)	B	57.8/123.7
R381	7030004990	S.RES ERJ2GEJ 221 X (220) [USA-01]	B	61.4/126.1
	7030004990	S.RES ERJ2GEJ 221 X (220) [EXP-01]		
	7030004990	S.RES ERJ2GEJ 221 X (220) [CHN-02]		
	7030007270	S.RES ERJ2GEJ 151 X (150) [USA-02]		
	7030007270	S.RES ERJ2GEJ 151 X (150) [EXP-02]		
	7030004990	S.RES ERJ2GEJ 221 X (220) [EUR-01]		
R424	7410001150	S.ARR EXB28V471JX	T	46.3/42.9
R425	7410001150	S.ARR EXB28V471JX	T	36.8/23
R426	7410001150	S.ARR EXB28V471JX	T	47.8/33.9
R427	7030005000	S.RES ERJ2GEJ 471 X (470)	T	25.5/26.7
R428	7410001140	S.ARR EXB28V104JX	T	48/22.7
R429	7410001140	S.ARR EXB28V104JX	T	49.7/30.2
R430	7410001140	S.ARR EXB28V104JX	T	52.3/43.6
R431	7410001150	S.ARR EXB28V471JX	T	17.9/40.3
R432	7410001140	S.ARR EXB28V104JX	T	15.2/48.2
R433	7410001150	S.ARR EXB28V471JX	T	39.6/23
R434	7410000750	S.ARR EXB-V4V 104JV (100K)	B	36.8/48.5
R435	7410001140	S.ARR EXB28V104JX	B	39.1/47.8
R436	7410001140	S.ARR EXB28V104JX	B	44.3/41.2
R438	7410001140	S.ARR EXB28V104JX	B	34.4/47.7
R443	7030005000	S.RES ERJ2GEJ 471 X (470)	T	60.4/59.2
R444	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/33.6
R445	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/36.1
R446	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	13.5/37.4
R447	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	50.2/19.2
R448	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	49.3/19.2
R449	7030005170	S.RES ERJ2GEJ 474 X (470K)	T	39.5/19.2
R450	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	50.2/16.5
R453	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	52/13.9
R454	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	94.9/2.7
R455	7030005010	S.RES ERJ2GEJ 681 X (680)	B	124.9/2.7
R456	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	109.9/2.7
R467	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	38/44.6
R468	7410001140	S.ARR EXB28V104JX	B	31.8/48.5
R469	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	32.6/44.6
R470	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	10.9/20.2
R471	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	47.7/44.2
R472	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	4.8/36.1
R473	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.2/44.6
R474	7030005530	S.RES ERJ2GEJ 100 X (10)	B	15.5/55.3
R475	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	9/56.

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R500	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	21.2/57.5
R501	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	22.8/53.8
R502	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	28/55
R503	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	55.5/58.4
R505	7030010040	S.RES ERJ2GEJ-JPW	T	113.4/18.3
R506	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	113.4/19.3
R507	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	115/19.3
R508	7030010040	S.RES ERJ2GEJ-JPW	T	144.6/119.6
R509	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	33.3/15.2
R510	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	29/14.1
R511	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	29.1/18.5
R512	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.8/18.5
R513	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.3/90.4
R530	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	62.5/66.3
R531	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	64.6/78.2
R532	7030005000	S.RES ERJ2GEJ 471 X (470)	B	45.1/37.1
R533	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	57.2/18.4
R534	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	45.3/58.6
R535	7030004980	S.RES ERJ2GEJ 101 X (100)	B	55.8/55.3
R536	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	55.8/58.6
R537	7030010040	S.RES ERJ2GEJ-JPW	T	61.4/41.2
R539	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	64.2/71.2
R540	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	90.6/17.9
R541	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	28.9/55
R542	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	39.9/72.7
R543	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	40.8/71.1
C1	4030017420	S.CER ECJ0EC1H470J	B	120.7/39
C2	4030017420	S.CER ECJ0EC1H470J	B	22.9/78.1
C3	4030016930	S.CER ECJ0EB1A104K	B	130.8/50.2
C4	4030017420	S.CER ECJ0EC1H470J	B	122.2/37.1
C5	4030017420	S.CER ECJ0EC1H470J	B	21.7/77.1
C6	4030016930	S.CER ECJ0EB1A104K	B	55.4/77.9
C7	4030017420	S.CER ECJ0EC1H470J	B	123.1/37.1
C8	4030017420	S.CER ECJ0EC1H470J	B	21.7/75.5
C9	4030017460	S.CER ECJ0EB1E102K	T	17.6/59
C10	4030016930	S.CER ECJ0EB1A104K	B	55.7/77.9
C11	4030016930	S.CER ECJ0EB1A104K	B	124/37.1
C12	4030016930	S.CER ECJ0EB1A104K	B	22.1/74.3
C13	4030016930	S.CER ECJ0EB1A104K	B	55.6/80.7
C14	4030017460	S.CER ECJ0EB1E102K	T	16.1/59.9
C15	4030016930	S.CER ECJ0EB1A104K	T	62.4/67.5
C16	4030017420	S.CER ECJ0EC1H470J	T	56.2/64.5
C17	4030016930	S.CER ECJ0EB1A104K	B	115.6/40.6
C18	4030017700	S.CER ECJ0EC1H151J	T	62.4/71.2
C19	4030016930	S.CER ECJ0EB1A104K	B	22.9/80.3
C20	4550006250	S.TAN TEESVA 1A 106M8R	B	115.4/37.5
C21	4550006250	S.TAN TEESVA 1A 106M8R	B	21.3/80.5
C22	4030016930	S.CER ECJ0EB1A104K	B	50/77.9
C23	4030016930	S.CER ECJ0EB1A104K	T	57.8/52.6
C24	4030016930	S.CER ECJ0EB1A104K	B	50.3/81.1
C25	4030016930	S.CER ECJ0EB1A104K	B	54.4/81.1
C26	4030017460	S.CER ECJ0EB1E102K	B	117.8/39.2
C27	4030017460	S.CER ECJ0EB1E102K	B	23.8/80.3
C28	4030016930	S.CER ECJ0EB1A104K	B	53.3/77.9
C30	4030017460	S.CER ECJ0EB1E102K	T	59.8/67
C31	4030016930	S.CER ECJ0EB1A104K	T	60.5/53
C32	4030017590	S.CER ECJ0EC1H070C	B	38.4/79.1
C33	4030016930	S.CER ECJ0EB1A104K	T	58.9/67
C34	4030017570	S.CER ECJ0EC1H040B	B	37.2/78.7
C35	4030016930	S.CER ECJ0EB1A104K	B	38.3/76
C36	4030017500	S.CER ECJ0EC1H560J	B	37.2/79.6
C37	4030016930	S.CER ECJ0EB1A104K	B	48.4/79.8
C38	4030016930	S.CER ECJ0EB1A104K	B	69.8/78.2
C39	4030017360	S.CER ECJ0EC1H030B	B	71.4/77.3
C40	4030017760	S.CER ECJ0EB1H222K	B	68.2/77.3
C41	4030018860	S.CER ECJ0EB0J105K	B	31/58.2
C42	4030017760	S.CER ECJ0EB1H222K	B	68.2/76.4
C43	4030016930	S.CER ECJ0EB1A104K	B	55.6/49
C44	4030018860	S.CER ECJ0EB0J105K	B	35.7/56.4
C45	4030016950	S.CER ECJ0EB1A473K	B	34.5/55.2
C47	4030017460	S.CER ECJ0EB1E102K	B	64.6/77.3
C48	4030016930	S.CER ECJ0EB1A104K	T	52.7/54.4
C49	4030018860	S.CER ECJ0EB0J105K	B	15.6/58.3
C50	4030016930	S.CER ECJ0EB1A104K	B	130.8/48.4
C51	4030017620	S.CER ECJ0EC1H100C	B	125.1/45.3
C52	4030017420	S.CER ECJ0EC1H470J	B	120.6/48.8
C53	4030017420	S.CER ECJ0EC1H470J	B	32.7/78.4
C54	4030017660	S.CER ECJ0EC1H330J	B	32.7/77.3
C56	4030016950	S.CER ECJ0EB1A473K	B	31.9/59.1
C59	4030017430	S.CER ECJ0EC1H101J	B	32.7/76.4
C60	4030017620	S.CER ECJ0EC1H100C	B	32.3/72.9
C61	4030018900	S.CER ECJ0EB0J474K	B	18/63.8
C62	4030016930	S.CER ECJ0EB1A104K	B	33.6/55.2
C63	4030016930	S.CER ECJ0EB1A104K	T	55.5/61.6
C66	4030017430	S.CER ECJ0EC1H101J	B	123.5/48.4
C67	4030017460	S.CER ECJ0EB1E102K	B	67.5/87.7
C69	4030016930	S.CER ECJ0EB1A104K	B	29.8/63
C70	4030017460	S.CER ECJ0EB1E102K	B	64.3/79.4
C71	4030016930	S.CER ECJ0EB1A104K	B	57.6/43.3
C72	4030018910	S.CER C1608 JB 0J 475K-T	B	29.3/61.9
C73	4030017460	S.CER ECJ0EB1E102K	B	96.3/45.4
C75	4030017460	S.CER ECJ0EB1E102K	B	36/105.6
C77	4030016930	S.CER ECJ0EB1A104K	T	53.9/57.7
C78	4030017460	S.CER ECJ0EB1E102K	B	119.7/50.4
C79	4030017460	S.CER ECJ0EB1E102K	B	34.3/79.5
C80	4030017350	S.CER ECJ0EC1H020B	B	102.4/45.6
	4030017350	S.CER ECJ0EC1H020B	[USA-01] [EXP-01]	
	4030017350	S.CER ECJ0EC1H020B	[CHN-02]	
	4030017550	S.CER ECJ0EC1H1R5B	[USA-02] [EXP-02]	
	4030017550	S.CER ECJ0EC1H1R5B	[EXP-02]	
	4030017350	S.CER ECJ0EC1H020B	[EUR-01]	

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C81	4030017350	S.CER ECJ0EC1H020B	[USA-01]	B 42.2/99.6
	4030017350	S.CER ECJ0EC1H020B	[EXP-01]	
	4030017350	S.CER ECJ0EC1H020B	[CHN-02]	
	4030017550	S.CER ECJ0EC1H1R5B	[USA-02]	
	4030017550	S.CER ECJ0EC1H1R5B	[EXP-02]	
	4030017350	S.CER ECJ0EC1H020B	[EUR-01]	
C82	4550006250	S.TAN TEESVA 1A 106M8R	B	61.1/79.2
C83	4030017460	S.CER ECJ0EB1E102K	B	71.7/86.7
C84	4030017420	S.CER ECJ0EC1H470J	B	74.7/81.1
C85	4030017590	S.CER ECJ0EC1H070C	B	56/43.3
C86	4030016930	S.CER ECJ0EB1A104K	B	51.7/47.1
C87	4030018910	S.CER C1608 JB 0J 475K-T	B	54.3/48.4
C88	4030017770	S.CER ECJ0EB1E332K	B	86.7/40.6
C89	4030017770	S.CER ECJ0EB1E332K	B	28/99.3
C90	4030017680	S.CER ECJ0EC1H820J	B	69.1/86.7
C91	4030016930	S.CER ECJ0EB1A104K	T	60.7/66.3
C92	4030016790	S.CER ECJ0EB1C103K	B	72.7/88
C93	4030017460	S.CER ECJ0EB1E102K	B	70/87.9
C96	4030018910	S.CER C1608 JB 0J 475K-T	B	49.2/48.9
C97	4030016930	S.CER ECJ0EB1A104K	B	57.4/50.6
C98	4030017460	S.CER ECJ0EB1E102K	B	35.1/107.3
C99	4030017460	S.CER ECJ0EB1E102K	B	40.8/72.7
C101	4030017620	S.CER ECJ0EC1H100C	B	37.7/63.2
C102	4550000560	S.TAN TEESVA 1V 334M8R	B	84.7/72.7
C103	4550003260	S.TAN TEESVA 1V 684M8R	B	26.2/100.4
C104	4030016930	S.CER ECJ0EB1A104K	B	39.9/74.5
C105	4030017520	S.CER ECJ0EC1H0R3B	B	103.2/47.8
C106	4030017340	S.CER ECJ0EC1H010B	B	47/100.1
C107	4030017590	S.CER ECJ0EC1H070C	B	72.3/89.5
C108	4030017460	S.CER ECJ0EB1E102K	B	94.5/47.1
C109	4030017530	S.CER ECJ0EC1H0R5B	B	101.9/48.3
C110	4030017530	S.CER ECJ0EC1H0R5B	B	46.5/101.4
C111	4030016790	S.CER ECJ0EB1C103K	B	70.7/92.3
C112	4550000270	S.TAN TEESVA 1E 474M8R	B	84.4/47.9
C113	4550000270	S.TAN TEESVA 1E 474M8R	B	26.2/105.6
C114	4030017520	S.CER ECJ0EC1H0R3B	B	103.2/49.6
C115	4030017550	S.CER ECJ0EC1H1R5B	[USA-01] [EXP-01]	B 47/102.8
	4030017550	S.CER ECJ0EC1H1R5B	[CHN-02]	
	4030017340	S.CER ECJ0EC1H010B	[USA-02]	
	4030017340	S.CER ECJ0EC1H010B	[EXP-02]	
	4030017550	S.CER ECJ0EC1H1R5B	[EUR-01]	
C116	4030017460	S.CER ECJ0EB1E102K	B	70.7/89.5
C117	4030016790	S.CER ECJ0EB1C103K	B	69.1/90.4
C118	4030016790	S.CER ECJ0EB1C103K	B	69.1/91.3
C121	4030016790	S.CER ECJ0EB1C103K	B	71.1/94.8
C122	4030016790	S.CER ECJ0EB1C103K	B	67.2/91.6
C123	4030016930	S.CER ECJ0EB1A104K	B	67.5/100.1
C124	4030016930	S.CER ECJ0EB1A104K	B	48.5/50.5
C125	4030016790	S.CER ECJ0EB1C103K	B	95.4/47.9
C126	4030016790	S.CER ECJ0EB1C103K	B	57.2/35.1
C127	4030016790	S.CER ECJ0EB1C103K	B	36/103.9
C133	4030017590	S.CER ECJ0EC1H070C	B	59.4/92.8
C134	4550003260	S.TAN TEESVA 1V 684M8R	B	26.2/112.4
C135	4030016930	S.CER ECJ0EB1A104K	B	37.8/103.9
C136	4030016930	S.CER ECJ0EB1A104K	B	50.4/36.8
C137	4030017620	S.CER ECJ0EC1H100C	B	56.2/38.3
C138	4030017640	S.CER ECJ0EC1H150J	B	75.8/101.1
C139	4030017650	S.CER ECJ0EC1H270J	B	59.4/91.9
C140	4030016930	S.CER ECJ0EB1A104K	B	55.3/36.7
C141	4550000270	S.TAN TEESVA 1E 474M8R	B	82.6/49.7
C144	4550006250	S.TAN TEESVA 1A 106M8R	B	94.7/41.5
C145	4030017420	S.CER ECJ0EC1H470J	B	50.4/38.5
C146	4030017460	S.CER ECJ0EB1E102K	B	56.2/35.1
C147	4550006250	S.TAN TEESVA 1A 106M8R	B	33.3/100.4
C149	4030016790	S.CER ECJ0EB1C103K	B	69.4/95.7
C150	4030016790	S.CER ECJ0EB1C103K	B	65.7/97.3
C151	4030017610	S.CER ECJ0EC1H090C	B	61.7/97.1
C152	4030016930	S.CER ECJ0EB1A104K	B	55.3/32.4
C153	4030017380	S.CER ECJ0EC1H150J	B	49.8/34.9
C154	4030017420	S.CER ECJ0EC1H470J	B	26.5/120.6
C155	4030017460	S.CER ECJ0EB1E102K	B	26.5/123.2
C156	4030017420	S.CER ECJ0EC1H470J	B	28.5/111.5
C157	4030017460	S.CER ECJ0EB1E102K	B	28/117.2
C158	4030017420	S.CER ECJ0EC1H470J	B	81.7/62.1
C159	4030017420	S.CER ECJ0EC1H470J	B	81.7/53.6
C160	4030016790	S.CER ECJ0EB1C103K	B	65.7/104.4
C161	4030016790	S.CER ECJ0EB1C103K	B	62.7/98.9
C162	4030016930	S.CER ECJ0EB1A104K	B	81.7/67.1
C163	4030016930	S.CER ECJ0EB1A104K	B	81.7/58.6
C164	4030016930	S.CER ECJ0EB1A104K	B	49.5/36.8
C165	4030017460	S.CER ECJ0EB1E102K	B	81.7/66.2
C166	4030017460	S.CER ECJ0EB1E102K	B	81.7/57.7
C167	4030017460	S.CER ECJ0EB1E102K	B	97.3/45.4
C168	4030017380	S.CER ECJ0EC1H050B	B	32.6/124.3
C169	4030017620	S.CER ECJ0EC1H100C	[USA-01] [EXP-01]	B 30.8/124.4
	4030017620	S.CER ECJ0EC1H100C	[CHN-02]	
	4030017570	S.CER ECJ0EC1H040B	[USA-02] [EXP-02]	
	4030017570	S.CER ECJ0EC1H040B	[EXP-02]	
	4030017620	S.CER ECJ0EC1H100C	[EUR-01]	
C170	4030017580			





[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C287	4030017350	S.CER ECJ0EC1H020B [USA-01]	B	61.8/134.7
	4030017350	S.CER ECJ0EC1H020B [EXP-01]		
	4030017350	S.CER ECJ0EC1H020B [CHN-02]		
	4030017550	S.CER ECJ0EC1H1R5B [USA-02]		
	4030017550	S.CER ECJ0EC1H1R5B [EXP-02]		
	4030017350	S.CER ECJ0EC1H020B [EUR-01]		
C291	4030017340	S.CER ECJ0EC1H010B [USA-01]	B	102.4/66.6
	4030017340	S.CER ECJ0EC1H010B [EXP-01]		
	4030017340	S.CER ECJ0EC1H010B [CHN-02]		
	4030017340	S.CER ECJ0EC1H010B [EUR-01]		
C292	4030017460	S.CER ECJ0EB1E102K	B	65/136.3
C293	4030017620	S.CER ECJ0EC1H100C [USA-01]	B	62.9/137.9
	4030017620	S.CER ECJ0EC1H100C [EXP-01]		
	4030017620	S.CER ECJ0EC1H100C [CHN-02]		
	4030017580	S.CER ECJ0EC1H060C [USA-02]		
	4030017580	S.CER ECJ0EC1H060C [EXP-02]		
	4030017620	S.CER ECJ0EC1H100C [EUR-01]		
C294	4030017530	S.CER ECJ0EC1H0R5B	B	58.3/138.5
C295	4030017460	S.CER ECJ0EB1E102K	B	65/134.7
C296	4030017620	S.CER ECJ0EC1H100C [USA-01]	B	56.1/138
	4030017620	S.CER ECJ0EC1H100C [EXP-01]		
	4030017620	S.CER ECJ0EC1H100C [CHN-02]		
	4030017580	S.CER ECJ0EC1H060C [USA-02]		
	4030017580	S.CER ECJ0EC1H060C [EXP-02]		
	4030017620	S.CER ECJ0EC1H100C [EUR-01]		
C298	4030017460	S.CER ECJ0EB1E102K	B	136.2/82.9
C299	4030017460	S.CER ECJ0EB1E102K	B	50.4/133.8
C300	4030017460	S.CER ECJ0EB1E102K	B	54.1/133.9
C301	4030016790	S.CER ECJ0EB1C103K	B	51.4/133.8
C302	4030017460	S.CER ECJ0EB1E102K	B	52/138.5
C303	4030017370	S.CER ECJ0EC1H3R5B	B	131.4/82.3
C304	4030017420	S.CER ECJ0EC1H470J	B	136.2/81.9
C305	4030017420	S.CER ECJ0EC1H470J	B	46.4/133.8
C306	4030017460	S.CER ECJ0EB1E102K	B	47.4/133.8
C307	4030017460	S.CER ECJ0EB1E102K	B	45.4/138.3
C309	4030017420	S.CER ECJ0EC1H470J	B	136.8/84.5
C310	4030017380	S.CER ECJ0EC1H050B [USA-01]	B	134.9/85.9
	4030017380	S.CER ECJ0EC1H050B [EXP-01]		
	4030017380	S.CER ECJ0EC1H050B [CHN-02]		
	4030017370	S.CER ECJ0EC1H3R5B [USA-02]		
	4030017370	S.CER ECJ0EC1H3R5B [EXP-02]		
	4030017380	S.CER ECJ0EC1H050B [EUR-01]		
C311	4030016930	S.CER ECJ0EB1A104K	B	45.4/140.4
C312	4030017420	S.CER ECJ0EC1H470J	B	50.4/140.4
C313	4030016930	S.CER ECJ0EB1A104K	B	46.4/140.4
C314	4030017460	S.CER ECJ0EB1E102K	B	49.4/140.4
C315	4030017730	S.CER ECJ0EB1E471K	B	137.8/84.5
C316	4030017570	S.CER ECJ0EC1H040B	B	130.4/80.9
C321	4030017420	S.CER ECJ0EC1H470J	T	66/57.5
C322	4030017420	S.CER ECJ0EC1H470J	T	67.6/54.3
C323	4030017620	S.CER ECJ0EC1H100C	B	44.4/137.7
C324	4030017530	S.CER ECJ0EC1H0R5B [USA-01]	B	134.9/88.3
	4030017530	S.CER ECJ0EC1H0R5B [EXP-01]		
	4030017530	S.CER ECJ0EC1H0R5B [CHN-02]		
	4030017520	S.CER ECJ0EC1H0R3B [USA-02]		
	4030017520	S.CER ECJ0EC1H0R3B [EXP-02]		
	4030017530	S.CER ECJ0EC1H0R5B [EUR-01]		
C326	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	39.3/138.2
	4030017580	S.CER ECJ0EC1H060C [EXP-01]		
	4030017580	S.CER ECJ0EC1H060C [CHN-02]		
	4030017590	S.CER ECJ0EC1H070C [USA-02]		
	4030017590	S.CER ECJ0EC1H070C [EXP-02]		
	4030017580	S.CER ECJ0EB1E102K [EUR-01]		
C327	4030017360	S.CER ECJ0EC1H030B [USA-01]	B	141.8/89.2
	4030017360	S.CER ECJ0EC1H030B [EXP-01]		
	4030017360	S.CER ECJ0EC1H030B [CHN-02]		
	4030017360	S.CER ECJ0EC1H030B [USA-02]		
	4030017360	S.CER ECJ0EC1H030B [EXP-02]		
	4030017350	S.CER ECJ0EC1H020B [EUR-01]		
C328	4030017420	S.CER ECJ0EC1H470J	B	140.9/85.4
C329	4030017410	S.CER ECJ0EC1H240J [USA-01]	B	38.4/133.5
	4030017410	S.CER ECJ0EC1H240J [EXP-01]		
	4030017410	S.CER ECJ0EC1H240J [CHN-02]		
	4030017390	S.CER ECJ0EC1H180J [USA-02]		
	4030017390	S.CER ECJ0EC1H180J [EXP-02]		
	4030017410	S.CER ECJ0EC1H240J [EUR-01]		
C330	4030017460	S.CER ECJ0EB1E102K	B	139.9/85.4
C331	4030017460	S.CER ECJ0EB1E102K	B	59.2/140.4
C332	4030018860	S.CER ECJ0EB0J105K	B	55/140.4
C333	4030016930	S.CER ECJ0EB1A104K	T	23.1/29.4
C335	4030017550	S.CER ECJ0EC1H1R5B	B	144/89.5
C336	4030018860	S.CER ECJ0EB0J105K	B	60.1/140.4
C337	4030017580	S.CER ECJ0EC1H060C	B	142.6/91.7
C338	4030017550	S.CER ECJ0EC1H1R5B	B	39.3/139.1
C339	4030017460	S.CER ECJ0EB1E102K	B	32.5/134
C340	4030016930	S.CER ECJ0EB1A104K	T	54/20.3
C341	4030017420	S.CER ECJ0EC1H470J	T	143.1/123.3
C342	4030017730	S.CER ECJ0EB1E471K	T	138.8/108
C345	4030017460	S.CER ECJ0EB1E102K	B	30.6/135.9
C346	4030017420	S.CER ECJ0EC1H470J	T	63.1/57.2
C347	4030017460	S.CER ECJ0EB1E102K	T	143.1/124.2
C348	4030017420	S.CER ECJ0EC1H470J	T	63.8/55.2
C349	4030017580	S.CER ECJ0EC1H060C	B	143.5/95.2
C350	4030017420	S.CER ECJ0EC1H470J	T	138.7/112.3
C351	4030017460	S.CER ECJ0EB1E102K	T	138.7/113.2
C352	4030017410	S.CER ECJ0EC1H240J [USA-01]	B	31.6/137.9
	4030017410	S.CER ECJ0EC1H240J [EXP-01]		
	4030017410	S.CER ECJ0EC1H240J [CHN-02]		
	4030017390	S.CER ECJ0EC1H180J [USA-02]		
	4030017390	S.CER ECJ0EC1H180J [EXP-02]		
	4030017410	S.CER ECJ0EC1H240J [EUR-01]		
C353	4030017460	S.CER ECJ0EB1E102K	T	140.4/118.8
C354	4030017420	S.CER ECJ0EC1H470J	T	106.6/115.9

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C355	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	37.5/136.8
	4030017580	S.CER ECJ0EC1H060C [EXP-01]		
	4030017580	S.CER ECJ0EC1H060C [CHN-02]		
	4030017590	S.CER ECJ0EC1H070C [USA-02]		
	4030017590	S.CER ECJ0EC1H070C [EXP-02]		
	4030017580	S.CER ECJ0EC1H060C [EUR-01]		
C357	4030017630	S.CER ECJ0EC1H120J	B	39.3/140
C358	4030016790	S.CER ECJ0EB1C103K	T	137.5/128.2
C359	4510009550	S.ELE EEEFK1C100R	T	107.2/86.5
C360	4030017460	S.CER ECJ0EB1E102K	T	106.6/116.8
C361	4030011030	S.CER GRM31M4C2H1R5CY21L (GRM42-6 CK) [EUR-01] only	B	100.2/115.8
C362	4030017510	S.CER ECJ0EC1H680J	B	39.7/144.6
C364	4030011020	S.CER GRM31M4C2H1R0CY21L (GRM42-6 CK)	B	89.8/119.8
C365	4030017730	S.CER ECJ0EB1E471K	T	106.6/117.7
C366	4030016970	S.CER ECJ0EB1C223K	T	142.4/126.6
C367	4510009810	S.ELE EEEFK1E220R	T	107.3/95.1
C368	4030006860	S.CER C1608 JB 1H 102K-T	T	89.1/142
C369	4030017460	S.CER ECJ0EB1E102K	B	33.4/134
C370	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-01]	B	100.2/123.1
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-01]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [CHN-02]		
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [EUR-01]		
C371	4030006980	S.CER C1608 CH 1H 070D-T	T	35.5/142.5
C372	4030011100	S.CER GRM31M2C2H8R0DV01L (GRM42-6 CH)	B	100.2/121
			T	136.7/123.8
C373	4030017780	S.CER ECJ0EB1E472K	B	85.2/129.8
C374	4030017420	S.CER ECJ0EC1H470J	T	113.1/95.2
C375	4030017460	S.CER ECJ0EB1E102K	B	86/138.8
C376	4030017350	S.CER ECJ0EC1H020B	B	84.2/119.4
C377	4030017420	S.CER ECJ0EC1H470J	T	112.2/95.2
C378	4030017420	S.CER ECJ0EC1H470J	T	111.3/95.2
C381	4030017400	S.CER ECJ0EC1H220J	T	114/78.2
C383	4030017460	S.CER ECJ0EB1E102K	B	22.8/142.4
C385	4030017460	S.CER ECJ0EB1E102K	B	139.2/119.6
C386	4030017460	S.CER ECJ0EB1E102K	B	89.7/137.9
C387	4030017600	S.CER ECJ0EC1H080C	T	126.4/77.2
C388	4510009550	S.ELE EEEFK1C100R		
C389	4030017200	S.CER GRM31BR32J102KY01L (GHM1030 R)	B	96.8/130.4
C390	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH)	T	87.6/133.2
			B	122.2/76
C391	4030017460	S.CER ECJ0EB1E102K	B	95.4/134.3
C392	4030017520	S.CER ECJ0EC1H0R3B		
C393	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	98.4/126.8
			B	26.3/15.3
C394	4550006250	S.TAN TEESVA 1A 106M8R		
C395	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	100.5/126.9
			T	97/77.8
C396	4510009550	S.ELE EEEFK1C100R	T	137.4/118.5
C397	4030017460	S.CER ECJ0EB1E102K	B	31.7/15.5
C398	4550006250	S.TAN TEESVA 1A 106M8R	T	100/76.1
C399	4030017460	S.CER ECJ0EB1E102K	B	86.2/129.8
C400	4030017460	S.CER ECJ0EB1E102K		
C401	4030011080	S.CER GRM31M2C2H6R0DV01L (GRM42-6 CH)	B	103.2/130.9
			T	47.2/71.6
C402	4030016930	S.CER ECJ0EB1A104K		
C403	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	106.2/130.9
			T	140.7/129.2
C404	4030017460	S.CER ECJ0EB1E102K	B	56.7/55.3
C405	4030017420	S.CER ECJ0EC1H470J	T	103.5/76.2
C406	4030016790	S.CER ECJ0EB1C103K		
C407	4030011030	S.CER GRM31M4C2H1R5CY21L (GRM42-6 CK)	B	102.6/137.2
			B	98.1/138.5
C408	4030017460	S.CER ECJ0EB1E102K		
C409	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	110.9/136
C410	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [USA-01]	B	113/134
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EXP-01]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [CHN-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EUR-01]		
C411	4550007650	S.TAN F931V105MAABMA	T	37.5/68.6
C412	4030017460	S.CER ECJ0EB1E102K	T	112.6/78.5
C413	4030016930	S.CER ECJ0EB1A104K	T	

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C420	4030016930	S.CER ECJ0EB1A104K	B	27.4/18.5
C422	4030006860	S.CER C1608 JB 1H 102K-T	B	119.5/139.5
C423	4030017460	S.CER ECJ0EB1E102K	B	119.4/145.9
C424	4030016930	S.CER ECJ0EB1A104K	T	14.1/125.7
C426	4030009530	S.CER C1608 CH 1H 030B-T [USA-01]	B	120.8/139.5
	4030009530	S.CER C1608 CH 1H 030B-T [EXP-01]		
	4030009530	S.CER C1608 CH 1H 030B-T [CHN-02]		
	4030009530	S.CER C1608 CH 1H 030B-T [USA-02]		
	4030009530	S.CER C1608 CH 1H 030B-T [EXP-02]		
	4030009540	S.CER C1608 CH 1H 1R5B-T [EUR-01]		
C431	4030018860	S.CER ECJ0EB0J105K	B	33.3/13.6
C432	4030016930	S.CER ECJ0EB1A104K	T	10.8/120.6
C433	4030006860	S.CER C1608 JB 1H 102K-T	B	139.5/137.7
C434	4030017460	S.CER ECJ0EB1E102K	B	140.5/131
C435	4030017460	S.CER ECJ0EB1E102K	T	54.8/29.8
C436	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [USA-01]	B	144.8/138.6
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EXP-01]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [CHN-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [USA-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EXP-02]		
	4030011040	S.CER GRM31M4C2H2R0CY21L (GRM42-6 CK) [EUR-01]		
C437	4030016930	S.CER ECJ0EB1A104K	B	34.4/12
C438	4030016790	S.CER ECJ0EB1C103K	T	112.8/88.2
C439	4510009810	S.ELE EEEFK1E220R	T	128.4/89.8
C440	4030018900	S.CER ECJ0EB0J474K	T	7.9/129.6
C441	4030017440	S.CER ECJ0EC1H221J	T	12/126.2
C442	4510008780	S.ELE EEE1EA471P	B	9.6/119.8
C443	4030017460	S.CER ECJ0EB1E102K	T	111.9/88.2
C444	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [USA-01]	B	147/148.9
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [EXP-01]		
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [CHN-02]		
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [USA-02]		
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [EXP-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EUR-01]		
C446	4030017460	S.CER ECJ0EB1E102K	T	6.6/130.1
C448	4030017460	S.CER ECJ0EB1E102K	T	128.8/102.4
C449	4510008870	S.ELE EEE1AA471UP	B	8.9/139.2
C450	4030016930	S.CER ECJ0EB1A104K	T	7/125.3
C451	4030018860	S.CER ECJ0EB0J105K	T	8.6/125.3
C452	4030018860	S.CER ECJ0EB0J105K	T	72/98.2
C453	4030017460	S.CER ECJ0EB1E102K	T	130.8/103.6
C454	4030017430	S.CER ECJ0EC1H101J	B	46.3/56.9
C458	4030017460	S.CER ECJ0EB1E102K	T	114.8/95.7
C459	4030017460	S.CER ECJ0EB1E102K	T	116.3/119.1
C460	4030017460	S.CER ECJ0EB1E102K	B	9.6/147.3
C461	4030017420	S.CER ECJ0EC1H470J	T	114.8/94.8
C462	4030017420	S.CER ECJ0EC1H470J	T	115.3/119.1
C463	4030017420	S.CER ECJ0EC1H470J	B	9.6/146.4
C464	4510009680	S.ELE EEEFK1E221P	B	144.4/121.1
C465	4550006250	S.TAN TEESVA 1A 106M8R	T	102.7/92
C466	4030017420	S.CER ECJ0EC1H470J	T	99.9/88
C467	4030016930	S.CER ECJ0EB1A104K	T	62.3/58.5
C468	4030016930	S.CER ECJ0EB1A104K	T	61.7/56.9
C470	4030018860	S.CER ECJ0EB0J105K	T	7.4/122.3
C471	4030016790	S.CER ECJ0EB1C103K	T	7/124.4
C472	4030018860	S.CER ECJ0EB0J105K	T	10.9/117.7
C473	4030018860	S.CER ECJ0EB0J105K	T	5/118.9
C474	4030017780	S.CER ECJ0EB1E472K	T	115.3/17.6
C475	4510008120	S.ELE 16 CE 100 BS	T	125.1/12.1
C476	4510008120	S.ELE 16 CE 100 BS	T	125.1/19.3
C477	4030017780	S.CER ECJ0EB1E472K	T	119/12.3
C478	4030017780	S.CER ECJ0EB1E472K	T	115.3/12.2
C479	4510008120	S.ELE 16 CE 100 BS	T	104.8/14.3
C481	4030017460	S.CER ECJ0EB1E102K	B	63.2/122.2
C491	4030016930	S.CER ECJ0EB1A104K	T	60.4/60.1
C492	4030016930	S.CER ECJ0EB1A104K	B	13.5/32.6
C493	4510008870	S.ELE EEE1AA471UP	B	66.3/45.3
C494	4030016930	S.CER ECJ0EB1A104K	T	117.2/92.6
C495	4030016930	S.CER ECJ0EB1A104K	T	117.2/90.7
C496	4030016930	S.CER ECJ0EB1A104K	T	122.4/92.2
C497	4030016930	S.CER ECJ0EB1A104K	T	109.7/82
C498	4030016930	S.CER ECJ0EB1A104K	T	11.4/43.2
C501	4030017420	S.CER ECJ0EC1H470J	T	12.2/31.2
C502	4030017420	S.CER ECJ0EC1H470J	T	29.5/2.8
C503	4030017420	S.CER ECJ0EC1H470J	T	48/99.4
C506	4030016930	S.CER ECJ0EB1A104K	B	26.3/43.3
C507	4030016930	S.CER ECJ0EB1A104K	B	32.9/31
C508	4030016930	S.CER ECJ0EB1A104K	B	40.1/42.7
C509	4030016930	S.CER ECJ0EB1A104K	B	26.2/39
C510	4030016930	S.CER ECJ0EB1A104K	B	26.6/33
C511	4030016930	S.CER ECJ0EB1A104K	B	40.1/34.2
C512	4030017420	S.CER ECJ0EC1H470J	T	92/14.7
C513	4550006250	S.TAN TEESVA 1A 106M8R	B	8.4/59.8
C514	4030016930	S.CER ECJ0EB1A104K	B	11.7/53.5
C515	4030016930	S.CER ECJ0EB1A104K	B	15.5/54.4
C516	4030016930	S.CER ECJ0EB1A104K	B	65.1/69.6
C517	4030016930	S.CER ECJ0EB1A104K	B	15.6/63.1
C518	4030016930	S.CER ECJ0EB1A104K	B	12.4/62.4
C519	4030017460	S.CER ECJ0EB1E102K	B	15.6/59.9
C521	4030016930	S.CER ECJ0EB1A104K	B	18.1/53.6
C522	4030016930	S.CER ECJ0EB1A104K	T	51.2/31.8
C523	4030016930	S.CER ECJ0EB1A104K	T	51.2/33

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C524	4030018910	S.CER C1608 JB 0J 475K-T	T	9.5/56
C525	4030018910	S.CER C1608 JB 0J 475K-T	B	25.8/58.3
C526	4030017730	S.CER ECJ0EB1E471K	B	29.8/57.9
C527	4030016790	S.CER ECJ0EB1C103K	B	26.1/50.3
C528	4030017670	S.CER ECJ0EC1H390J	B	37.4/120.7
C529	4030017630	S.CER ECJ0EC1H120J	B	38.3/112.2
C530	4030017420	S.CER ECJ0EC1H470J	T	60.4/62.3
C531	4030017670	S.CER ECJ0EC1H390J	B	93.3/62
C532	4030017670	S.CER ECJ0EC1H390J	B	93.6/52.9
C533	4510008120	S.ELE 16 CE 100 BS	T	125.1/26.4
C534	4030016790	S.CER ECJ0EB1C103K	T	118.5/26.7
C535	4030016790	S.CER ECJ0EB1C103K	B	67.4/101.6
C536	4030016790	S.CER ECJ0EB1C103K	B	65.7/98.3
C538	4030006860	S.CER C1608 JB 1H 102K-T	T	36.2/145.1
C539	4030017790	S.CER ECJ0EB1E682K	T	22.8/57
C540	4030017730	S.CER ECJ0EB1E471K	T	21.2/56.6
C541	4030016930	S.CER ECJ0EB1A104K	T	22.8/55.4
C542	4030017440	S.CER ECJ0EC1H221J	T	27.1/55
C543	4030016930	S.CER ECJ0EB1A104K	T	56.5/68.9
C544	4030017460	S.CER ECJ0EB1E102K	T	62.4/72.9
C545	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-01]	T	97.6/106.8
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-01]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [CHN-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [USA-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EXP-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EUR-01]		
C546	4030018910	S.CER C1608 JB 0J 475K-T	B	40.4/56.7
C547	4030017760	S.CER ECJ0EB1H222K	T	53.7/72.1
C548	4030016930	S.CER ECJ0EB1A104K	T	14.1/120.6
C549	4030017420	S.CER ECJ0EC1H470J	T	23.1/86.8
C550	4030017420	S.CER ECJ0EC1H470J	T	70.1/82.6
C551	4030017330	S.CER ECJ0EF1C104Z	T	114.2/28.9
C552	4030016790	S.CER ECJ0EB1C103K	B	121.9/48.8
C553	4030016930	S.CER ECJ0EB1A104K	B	30.8/19.4
C555	4030016930	S.CER ECJ0EB1A104K	B	69.8/75.5
C556	4030016930	S.CER ECJ0EB1A104K	T	105.2/28.6
C557	4030016930	S.CER ECJ0EB1A104K	T	97/28.6
C558	4550006250	S.TAN TEESVA 1A 106M8R	T	95.1/27.9
C559	4550007080	S.TAN TEESVA 1C 106M8R	T	45.9/75.5
C562	4030017420	S.CER ECJ0EC1H470J	T	38.5/76.1
C563	4030016930	S.CER ECJ0EB1A104K	B	26.5/122.3
C564	4030017570	S.CER ECJ0EC1H040B	B	68.3/131.3
C565	4030017340	S.CER ECJ0EC1H010B	B	47.9/113.5
C566	4030018860	S.CER ECJ0EB0J105K	B	39/72.7
C571	4030017580	S.CER ECJ0EC1H060C	T	64.6/99.1
C572	4030017580	S.CER ECJ0EC1H060C	T	65.6/99.1
C573	4030017580	S.CER ECJ0EC1H060C	T	65.3/97.4
C574	4030017580	S.CER ECJ0EC1H060C	B	64/134.7
C575	4030017420	S.CER ECJ0EC1H470J	B	62.9/132.4
C576	4030017460	S.CER ECJ0EB1E102K	T	67.1/106.5
C577	4030017460	S.CER ECJ0EB1E102K	T	67.1/104.9
C578	4030017200	S.CER GRM31BR32J102KY01L (GHM1030 R)	T	92/126
C579	4550006250	S.TAN TEESVA 1A 106M8R	B	94.7/50.6
C580	4030017420	S.CER ECJ0EC1H470J	B	100.7/73.5
C581	4030018910	S.CER C1608 JB 0J 475K-T	B	46.3/60.9
C582	4030018910	S.CER C1608 JB 0J 475K-T	T	69.7/98.2
C583	4030016930	S.CER ECJ0EB1A104K	B	46.3/58.6
C584	4030016790	S.CER ECJ0EB1C103K	B	54.9/53.3
C585	4030016930	S.CER ECJ0EB1A104K	B	54.9/58.6
C586	4030017730	S.CER ECJ0EB1E471K	B	54.9/56.9
C587	4030016790	S.CER ECJ0EB1C103K	B	52.3/59.8
C588	4030018910	S.CER C1608 JB 0J 475K-T	T	70.9/98.2
C601	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-01]	T	97.6/111.3
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-01]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [CHN-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-02]		
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [EUR-01]		
C610	4030018080	S.CER ECJ0EB1H182K	T	63.3/69.6
C612	4030017460	S.CER ECJ0EB1E102K	B	55.7/29.9
C614	4030017730	S.CER ECJ0EB1E471K	B	29/13.2
C615	4030017650	S.CER ECJ0EC1H270J	B	63.2/117.5
C616	4030017460	S.CER ECJ0EB1E102K	T	93.8/64.6
C617	4030017420	S.CER ECJ0EC1H470J	T	60/64.8
C618	4030017420	S.CER ECJ0EC1H470J	T	64.9/53.3
C619	4030017420	S.CER ECJ0EC1H470J	T	74.2/107.7
C620	4030017420	S.CER ECJ0EC1H470J	T	73.7/96.8
C621	4030017420	S.CER ECJ0EC1H470J	T	31.5/2.8
C622	4030018910	S.CER C1608 JB 0J 475K-T	T	64.3/73.2
C623	4030017330	S.CER ECJ0EF1C104Z	B	126.8/16
C624	4030017330	S.CER ECJ0EF1C104Z	B	126.3/20.3
C625	4030017460	S.CER ECJ0EB1E102K	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23
C630	4030017420	S.CER ECJ0EC1H470J [EUR-01] only	T	106.4/106.8
C631	4030017580	S.CER ECJ0EC1H060C [EUR-01] only	T	113.5/108.3
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	14.8/15.6

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[MAIN/MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
J4	6510023511	S.CON 28FLT-SM2-TB(LF)(SN)	T	70.8/102
J5	6510023110	CON 3008L-8P8C <KIN>		
J6	6450000140	CON HSJ0807-01-010		
J8	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	59.1/15.6
J9	6510019371	S.CON B3B-ZR-SM4-TF(LF)(SN)	T	94.6/14.3
J10	6510004910	CON NR-DS-E 01		
J11	6510004910	CON NR-DS-E 01		
DS1	5040002961	S.LED SML-A12MT T86J	B	96/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126/1.1
DS3	5040003000	S.LED SML-A12UT-T86	B	111/1.1
MF1	2710000870	FAN AFB0512HB-7X22 <USE>HK		
W1	7120000470	JUM ERDS2T0		
W2	7120000470	JUM ERDS2T0		
W4	8900017520	CAB OPC-1783		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	30.4/60.5
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.8/39.3

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
IC500	1130009121	S.IC S1D15206F00A200	B	69.4/35.9
IC501	1110005771	S.IC S-80942CNMC-G9CT2G	B	105.3/24
IC502	1140014580	S.IC UPD78F1153GK-GAK-AX (FX3063C-1)	B	101.3/38.7
IC503	1110005350	S.IC NJM2870F05-TE1-#FZZB	B	47.2/30.5
IC506	1140013200	S.IC CD4053BPWPR	B	39.1/31.7
IC508	1110002751	S.IC TA75S01F(TE85R,F)	B	143/18
IC509	1110006770	S.IC TDA8547TS/N	B	28.4/55.8
Q500	1590001050	S.TRA DTC114TUA T106	B	148.4/41.4
Q501	1590001050	S.TRA DTC114TUA T106	B	161.8/34.6
Q502	1590001050	S.TRA DTC114TUA T106	B	161.8/41.4
Q503	1590001050	S.TRA DTC114TUA T106	B	148.4/34.6
Q504	1590001050	S.TRA DTC114TUA T106	B	91.4/45.6
Q506	1590001190	S.TRA XP6501-(TX).AB	B	32.9/48.1
Q508	1520000460	S.TRA 2SB1132 T100 R	B	36.9/52.6
Q510	1590001050	S.TRA DTC114TUA T106	B	152.8/53.2
Q511	1590001050	S.TRA DTC114TUA T106	B	166.2/53
Q513	1590001060	S.TRA DTA114TUA T106	B	168.7/53
Q514	1590001060	S.TRA DTA114TUA T106	B	160.1/49.6
Q515	1590001060	S.TRA DTA114TUA T106	B	155.3/53.2
Q516	1590001060	S.TRA DTA114TUA T106	B	145.3/49.9
Q517	1590001050	S.TRA DTC114TUA T106	B	160.1/46.9
Q518	1590001050	S.TRA DTC114TUA T106	B	145.3/47
D503	1790001260	S.DIO MA2S077-(TX) [USA-01]	B	112.3/33.9
	1790001260	S.DIO MA2S077-(TX) [EXP-01]		
	1790001261	S.DIO MA2S077G0L [CHN-02]		
	1790001261	S.DIO MA2S077G0L [CHN-01]		
	1790001260	S.DIO MA2S077-(TX) [USA-02]		
	1790001260	S.DIO MA2S077-(TX) [EXP-02]		
	1790001260	S.DIO MA2S077-(TX) [EUR-01]		
D504	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	95/45.8
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001251	S.DIO MA2S1110GL [CHN-01]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D505	1790001450	S.DIO RB160L-40 TE-25	B	41.8/26.6
D506	1790001450	S.DIO RB160L-40 TE-25	B	63.2/6.6
D507	1790000950	S.ZEN MA8056-M(TX) [USA-01]	B	160.8/29.9
	1790000950	S.ZEN MA8056-M(TX) [EXP-01]		
	1790000951	S.ZEN MAZ8056GML [CHN-02]		
	1790000951	S.ZEN MAZ8056GML [CHN-01]		
	1790000950	S.ZEN MA8056-M(TX) [USA-02]		
	1790000950	S.ZEN MA8056-M(TX) [EXP-02]		
	1790000950	S.ZEN MA8056-M(TX) [EUR-01]		
D508	1750000370	S.DIO DA221 TL	B	153.2/27.7
D509	1750000370	S.DIO DA221 TL	B	166.4/28.1
D510	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	43.2/51.5
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001251	S.DIO MA2S1110GL [CHN-01]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D511	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	115.8/44.9
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001251	S.DIO MA2S1110GL [CHN-01]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D512	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	65.3/10.2
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001251	S.DIO MA2S1110GL [CHN-01]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D513	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	36.3/24.4
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001251	S.DIO MA2S1110GL [CHN-01]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
X501	6050012680	S.XTA CR-858(SMD-49/18.432 MHz) <JJE>	B	113.1/28.2
L500	6200002861	S.COI NLV25T-4R7J	B	106/17.9
L501	6200003640	S.COI MLF1608E 100K-T	B	161.5/17.9
L502	6200002861	S.COI NLV25T-4R7J	B	85.9/39.3
R500	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	83.5/43.7
R501	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	87.4/47.5
R506	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	157.7/36.3
R507	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	167.9/44.3
R508	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	167.9/37.7
R509	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	155.4/44.5
R510	7030005530	S.RES ERJ2GEJ 100 X (10)	B	106.8/30.5
R511	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	105.8/30.5
R512	7510001730	S.THE ERTJOEP 473J	B	103.1/48.9
R513	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	102.2/49.8
R514	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	113.1/32.2
R515	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	112.3/35.9
R516	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	103.2/26.4

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R517	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	110.3/33
R518	7410001140	S.ARR EXB28V104JX	B	106.9/47.1
R519	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	105.4/48.4
R520	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	96.1/30.7
R523	7030005710	S.RES ERJ2GEJ 121 X (120)	B	114.1/37.6
R524	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	104.4/48.4
R525	7030005710	S.RES ERJ2GEJ 121 X (120)	B	113.2/37.6
R526	7030005710	S.RES ERJ2GEJ 121 X (120)	B	112.3/37.6
R532	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	33.2/45.5
R533	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	31.2/47.7
R534	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	32.2/45.7
R536	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	158.7/30.8
R538	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	155.7/29.3
R539	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	27.6/51.1
R540	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	26.6/49.9
R541	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	139.1/31.9
R542	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	26.1/51.1
R543	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	137.3/31.5
R544	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	164.9/29.3
R545	7030004980	S.RES ERJ2GEJ 101 X (100)	B	140.3/19.9
R546	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	164.8/27.7
R547	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	155.7/27.7
R548	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	159.8/28
R549	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	32/51.3
R551	7210003050	VAR EVU-F2KFK3 B14 (10KB)	B	142.3/20.3
R552	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	144.6/20.1
R553	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	32.6/53.4
R554	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	161.1/19
R556	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	29.2/51.3
R557	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	169.1/51.1
R558	7030008370	S.RES ERJ2GEJ 561 X (560)	B	155.7/51
R559	7030008370	S.RES ERJ2GEJ 561 X (560)	B	139.4/17.1
R560	7030010040	S.RES ERJ2GEJ-JPW	B	86.2/43.7
R562	7030003720	S.RES ERJ3GEYJ 224 V (220K)	B	88.2/44.9
R563	7030003720	S.RES ERJ3GEYJ 224 V (220K)	B	153/19.8
R564	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	161.9/49.1
R566	7030008370	S.RES ERJ2GEJ 561 X (560)	B	148.3/49.9
R567	7030008370	S.RES ERJ2GEJ 561 X (560)	B	87.4/16.9
R568	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	103/24.8
R570	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	45.8/51.5
R571	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	46.2/50.3
R572	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.3/33
R573	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.3/32.1
R574	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	34.7/24.6
R575	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	62.6/12.8
R576	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	
C500	4030016930	S.CER ECJ0EB1A104K	B	79.3/47.9
C501	4030016930	S.CER ECJ0EB1A104K	B	80.8/47.4
C502	4030016930	S.CER ECJ0EB1A104K	B	80.8/46.5
C503	4030016930	S.CER ECJ0EB1A104K	B	80.4/45.3
C504	4030016930	S.CER ECJ0EB1A104K	B	81.3/45.3
C505	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/41
C506	4030017460	S.CER ECJ0EB1E102K	B	83.9/39.8
C507	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/39.5
C508	4030017730	S.CER ECJ0EB1E471K	B	146.4/41.2
C509	4030017730	S.CER ECJ0EB1E471K	B	159.8/34.4
C510	4030017730	S.CER ECJ0EB1E471K	B	159.9/41.2
C511	4030017730	S.CER ECJ0EB1E471K	B	146.4/34.4
C512	4030017030	S.CER ECJ0EB1A273K	B	104.7/21.7
C513	4030017630	S.CER ECJ0EC1H120J	B	106.4/29.3
C514	4030017420	S.CER ECJ0EC1H470J	B	157.7/44.5
C515	4030016790	S.CER ECJ0EC1C103K	B	103.5/50.2
C516	4030017580	S.CER ECJ0EC1H060C	B	113.1/31.3
C517	4030016930	S.CER ECJ0EB1A104K	B	102.2/50.7
C518	4030016790	S.CER ECJ0EB1C103K	B	113.3/35.1
C519	4030017640	S.CER ECJ0EC1H150J	B	111.3/31.8
C520	4030016930	S.CER ECJ0EB1A104K	B	105.1/27.1
C521	4030018900	S.CER ECJ0EB0J474K	B	104.9/30
C522	4550006480	S.TAN TEESVA 1C 475M8R	B	46.7/33.2
C523	4030017330	S.CER ECJ0EF1C104Z	B	44.9/31
C524	4030016790	S.CER ECJ0EB1C103K	B	49.9/29.5
C525	4550006250	S.TAN TEESVA 1A 106M8R	B	49/27.7
C526	4030016930	S.CER ECJ0EB1A104K	B	48.9/26.1
C527	4030016930	S.CER ECJ0EB1A104K	B	34.3/30
C530	4030017460	S.CER ECJ0EB1E102K	B	34.5/55.4
C531	4550006250	S.TAN TEESVA 1A 106M8R	B	106.6/20.2
C532	4030017460	S.CER ECJ0EB1E102K	B	31.3/45.7
C533	4030017460	S.CER ECJ0EB1E102K	B	45.3/27
C534	4030016930	S.CER ECJ0EB1A104K	B	62.1/14.2
C535	4030016930	S.CER ECJ0EB1A104K	B	30.7/49
C536	4030017460	S.CER ECJ0EB1E102K	B	161/28.5
C537	4030017460	S.CER ECJ0EB1E102K	B	33.6/53.4
C538	4030018860	S.CER ECJ0EB0J105K	B	26.6/49
C539	4030017420	S.CER ECJ0EC1H470J	B	154.8/27.7
C540	4510008590	S.ELE EEE1AA101SP	B	36.9/59.4
C541	4030017330	S.CER ECJ0EF1C104Z	B	150.1/20
C542	4030017460	S.CER ECJ0EB1E102K	B	139.3/19.9
C544	4550006250	S.TAN TEESVA 1A 106M8R	B	29.7/60.8
C545	4030017420	S.CER ECJ0EC1H470J	B	168.1/28.1
C546	4030017420	S.CER ECJ0EC1H470J	B	137.3/32.4
C547	4030017420	S.CER ECJ0EC1H470J	B	134.2/32.4
C548	4030017460	S.CER ECJ0EB1E102K	B	161/27.5
C549	4030017460	S.CER ECJ0EB1E102K	B	44.1/47.4
C551	4030017420	S.CER ECJ0EC1H470J	B	158.1/19.3
C553	4030017420	S.CER ECJ0EC1H470J	B	140.6/17.6
C555	4030018860	S.CER ECJ0EB0J105K	B	148.5/17.9
C556	4030016790	S.CER ECJ0EB1C103K	B	143.1/23.6
C558	4550006480	S.TAN TEESVA 1C 475M8R	B	143.5/22
C559	4030017730	S.CER ECJ0EB1E471K	B	166.3/51.1
C560	4030017730	S.CER ECJ0EB1E471K	B	153.1/51.1
C561	4030017730	S.CER ECJ0EB1E471K	B	161.9/46.9
C562	4030017730	S.CER ECJ0EB1E471K	B	147.4/46.6

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C563	4030016930	S.CER ECJ0EB1A104K	B	105.1/28
C564	4030016930	S.CER ECJ0EB1A104K	B	103.2/28
C565	4030016930	S.CER ECJ0EB1A104K	B	44/29.9
C566	4030017460	S.CER ECJ0EB1E102K	B	42.8/49.5
C567	4030016930	S.CER ECJ0EB1A104K	B	42.8/50.4
C568	4030017460	S.CER ECJ0EB1E102K	B	67.3/6.6
C569	4550006250	S.TAN TEESVA 1A 106M8R	B	89.6/40.7
C573	4030016930	S.CER ECJ0EB1A104K	B	34.7/23.7
C574	4030016930	S.CER ECJ0EB1A104K	B	62.6/11.9
C575	4510009020	S.ELE EEE0JA331P	B	106/11.4
J501	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	26.9/27.5
J502	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	52.9/15.1
J503	6450002210	CON 3017-8821 <KIN>		
J504	6510014961	S.CON B2B-ZR-SM4-TF(LF)(SN)	B	18.4/57
DS500	5030002811	LCD L4-0013TVY-2		
DS501	5040002710	LED EMVG3338S		
DS502	5040002720	LED EMVR3338S		
DS503	5040002710	LED EMVG3338S		
DS504	5040002720	LED EMVR3338S		
DS505	5040002310	S.LED SML-311YTT86	T	111.2/43.2
DS506	5040002310	S.LED SML-311YTT86	T	101.3/43.2
DS507	5040002310	S.LED SML-311YTT86	T	91.3/43.2
DS508	5040002310	S.LED SML-311YTT86	T	81.2/43.1
DS509	5040002310	S.LED SML-311YTT86	T	71.3/43.2
DS510	5040002310	S.LED SML-311YTT86	T	61.3/43.2
DS511	5040002150	LED VRPG3349S-734		
DS512	5040002150	LED VRPG3349S-734		
S506	2250000511	ENC RH70N1037E20-13F-2781		
SP501	2510001221	SPE C052SB500-14		
W501	8900011800	CAB OPC-1199		
W502	8900017540	CAB OPC-1785		
EP501	8930065150	LCD SRCN-2781-SP-N-W (SHJ)		
EP503	6910019600	SPA LM-5		
EP504	6910019610	SPA LM-7 (SPACER)		

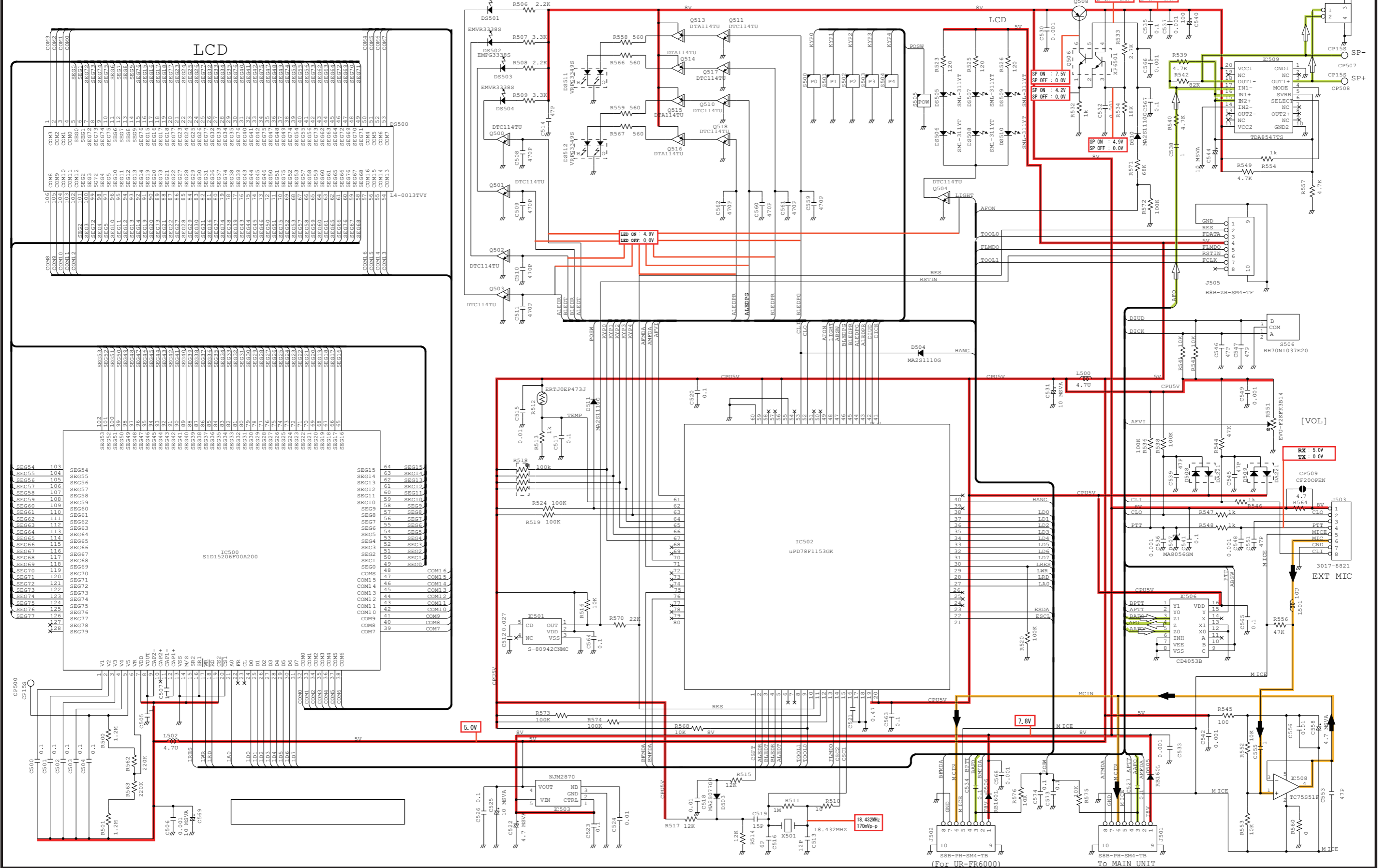
[CONNECT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C601	4030017420	S.CER ECJ0EC1H470J	T	13.8/12.4
C602	4030017400	S.CER ECJ0EC1H220J	T	12.2/12.4
C603	4030017420	S.CER ECJ0EC1H470J	T	16.5/12.4
C604	4030017400	S.CER ECJ0EC1H220J	T	15/14.2
C605	4030017420	S.CER ECJ0EC1H470J	T	17.8/13.9
C606	4030017420	S.CER ECJ0EC1H470J	T	19.4/12.4
C607	4030017420	S.CER ECJ0EC1H470J	T	20.5/13.9
C608	4030017420	S.CER ECJ0EC1H470J	T	22.6/12.4
C609	4030017420	S.CER ECJ0EC1H470J	T	25.5/12.4
C610	4030017420	S.CER ECJ0EC1H470J	T	29.7/12.8
C611	4030017420	S.CER ECJ0EC1H470J	T	31/14.1
C612	4030017420	S.CER ECJ0EC1H470J	T	32.4/12.8
C613	4030017420	S.CER ECJ0EC1H470J	T	33.5/14.1
C614	4030017420	S.CER ECJ0EC1H470J	T	35.2/14.1
C615	4030017420	S.CER ECJ0EC1H470J	T	35.7/12.8
C616	4030017420	S.CER ECJ0EC1H470J	B	35.2/15.6
C617	4030017420	S.CER ECJ0EC1H470J	T	37.5/13.5
C618	4030017420	S.CER ECJ0EC1H470J	T	39.3/12.2
C619	4030017420	S.CER ECJ0EC1H470J	T	39.9/13.4
C620	4030017420	S.CER ECJ0EC1H470J	T	41.3/12.6
C621	4030017420	S.CER ECJ0EC1H470J	T	27.4/13.9
J601	6510026290	S.CON IMSA-9631S-28Y921	B	22.8/16.2
J602	6510023210	CON CD6125SA1J0 <CVI>		
S1	2260003070	S.SWI MINISMDCL150F/24-2	B	38.9/18
W601	8900017500	CAB OPC-1852 (P0.5,N28,L90) <TJM>		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

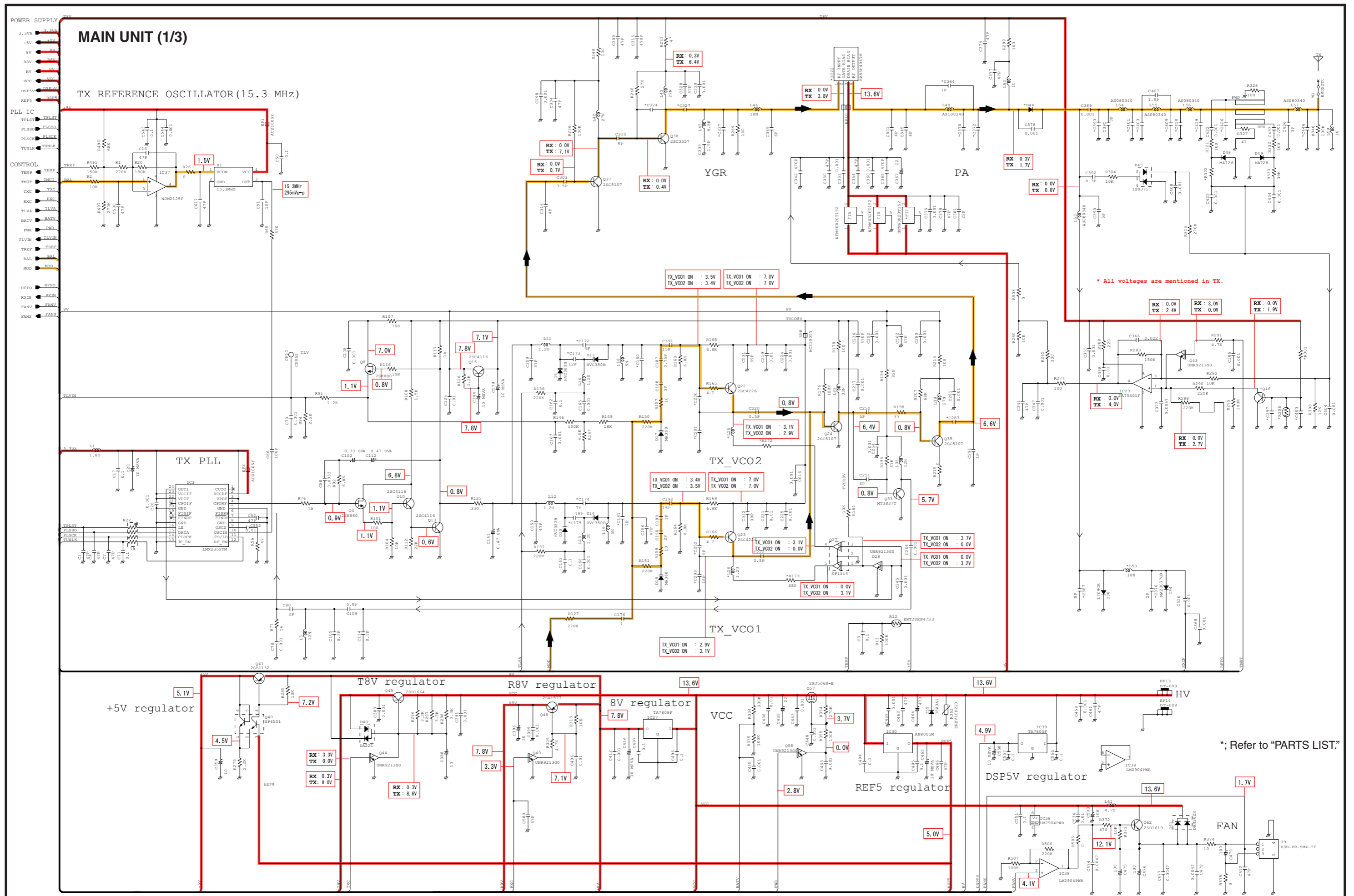
# VOLTAGE DIAGRAM

## FRONT UNIT



\*; Refer to "PARTS LIST."

# VOLTAGE DIAGRAM









Dec. 2008



# SERVICE MANUAL ADDENDUM

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## IC-FR6000 IC-FR6100

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### CONTENTS

REPLACEMENT PAGES .....	6-3, 5, 8, 9
PARTS LIST .....	1
VOLTAGE DIAGRAM .....	11

**ADJUSTMENT CHANNEL LISTS**

Clone the adjust channels into the repeater before starting adjustment. Each channel must be assigned [Frequency], [RF PWR], [CH Type], [TX C. Tone] and [W/N] as below.

**• Channel list for [Low band] version**

CH	Atr	Inh	Operation Mode	Frequency (MHz)			Text	TOT				Loc	on	CH Type	Au Res	FM		
				RX	TX	Tx Inh		Local Mic	Repeat/EPTT	RF PWR	Lock out					TX C. Tone	W/N	Com
1-1	AB		Simplex	400.100000	<-		LV L ADJ					L1	Analog	Tim			W	
1-2			Simplex	435.100000	<-		LV H ADJ					L1	Analog	Tim			W	
1-3			Simplex	434.950000	<-		LV L URFY					L1	Analog	Tim			W	
1-4			Simplex	469.900000	<-		LV H URFY					L1	Analog	Tim			W	
1-5			Simplex	469.900000	<-		TX Freq					L1	Analog	Tim			W	
1-6			Simplex	400.100000	<-		TX PWR H1					H	Analog	Tim			W	
1-7			Simplex	400.100000	<-		TX PWR L2					L2	Analog	Tim			W	
1-8			Simplex	400.100000	<-		TX PWR L1					L1	Analog	Tim			W	
1-9			Simplex	400.100000	<-		BAL					L1	Analog	Tim			W	
1-10			Simplex	435.100000	<-		BAL Offset					L1	Analog	Tim			W	
1-11			Simplex	400.100000	<-		DG Dev.					L1	Digital	Tim	----	-	-	
1-12			Simplex	411.500000	<-		DG Dev. 8					L1	Digital	Tim	----	-	-	
1-13			Simplex	423.200000	<-		DG Dev. 1					L1	Digital	Tim	----	-	-	
1-14			Simplex	434.900000	<-		DG Dev. 2					L1	Digital	Tim	----	-	-	
1-15			Simplex	435.100000	<-		DG Dev. Offs					L1	Digital	Tim	----	-	-	
1-16			Simplex	446.600000	<-		DG Dev. 3					L1	Digital	Tim	----	-	-	
1-17			Simplex	458.300000	<-		DG Dev. 4					L1	Digital	Tim	----	-	-	
1-18			Simplex	469.900000	<-		DG Dev. 5					L1	Digital	Tim	----	-	-	
1-19			Simplex	400.100000	<-		AN Dev. W					L1	Analog	Tim			W	
1-20			Simplex	400.100000	<-		AN Dev. M					L1	Analog	Tim			W	
1-21			Simplex	400.100000	<-		AN Dev. N					L1	Analog	Tim			N	
1-22			Simplex	400.100000	<-		CT/DT Dev.					L1	Analog	Tim		151.4	W	
1-23			Simplex	435.000000	<-	i	BPF C ALL					L1	Analog	Tim			W	
1-24			Simplex	400.100000	<-	i	BPF L ALL					L1	Analog	Tim			W	
1-25			Simplex	469.900000	<-	i	BPF H ALL					L1	Analog	Tim			W	
1-26			Simplex	400.100000	<-	i	RSSI					L1	Analog	Tim			W	
1-27			Simplex	400.100000	<-	i	SQL					L1	Analog	Tim			W	

**• Channel list for [High band] version**

CH	Atr	Inh	Operation Mode	Frequency (MHz)			Text	TOT				Loc	on	CH Type	Au Res	FM		
				RX	TX	Tx Inh		Local Mic	Repeat/EPTT	RF PWR	Lock out					TX C. Tone	W/N	Com
1-1	AB		Simplex	450.100000	<-		LV L ADJ					L1	Analog	Tim			W	
1-2			Simplex	485.100000	<-		LV H ADJ					L1	Analog	Tim			W	
1-3			Simplex	484.950000	<-		LV L URFY					L1	Analog	Tim			W	
1-4			Simplex	519.900000	<-		LV H URFY					L1	Analog	Tim			W	
1-5			Simplex	519.900000	<-		TX Freq					L1	Analog	Tim			W	
1-6			Simplex	450.100000	<-		TX PWR H1					H	Analog	Tim			W	
1-7			Simplex	450.100000	<-		TX PWR L2					L2	Analog	Tim			W	
1-8			Simplex	450.100000	<-		TX PWR L1					L1	Analog	Tim			W	
1-9			Simplex	450.100000	<-		BAL					L1	Analog	Tim			W	
1-10			Simplex	485.100000	<-		BAL Offset					L1	Analog	Tim			W	
1-11			Simplex	450.100000	<-		DG Dev.					L1	Digital	Tim	----	-	-	
1-12			Simplex	461.500000	<-		DG Dev. 8					L1	Digital	Tim	----	-	-	
1-13			Simplex	473.200000	<-		DG Dev. 1					L1	Digital	Tim	----	-	-	
1-14			Simplex	484.900000	<-		DG Dev. 2					L1	Digital	Tim	----	-	-	
1-15			Simplex	485.100000	<-		DG Dev. Offs					L1	Digital	Tim	----	-	-	
1-16			Simplex	496.600000	<-		DG Dev. 3					L1	Digital	Tim	----	-	-	
1-17			Simplex	508.300000	<-		DG Dev. 4					L1	Digital	Tim	----	-	-	
1-18			Simplex	519.900000	<-		DG Dev. 5					L1	Digital	Tim	----	-	-	
1-19			Simplex	450.100000	<-		AN Dev. W					L1	Analog	Tim			W	
1-20			Simplex	450.100000	<-		AN Dev. M					L1	Analog	Tim			W	
1-21			Simplex	450.100000	<-		AN Dev. N					L1	Analog	Tim			N	
1-22			Simplex	450.100000	<-		CT/DT Dev.					L1	Analog	Tim		151.4	W	
1-23			Simplex	450.100000	<-	i	BPF C ALL					L1	Analog	Tim			W	
1-24			Simplex	519.900000	<-	i	BPF H ALL					L1	Analog	Tim			W	
1-25			Simplex	450.100000	<-	i	RSSI					L1	Analog	Tim			W	
1-26			Simplex	450.100000	<-	i	SQL					L1	Analog	Tim			W	

ADJUST UTILITY WINDOW

Adjust Utility			
Setting			
	CH No.	1	Receive Sim
	RX Freq.		451.10000MHz
	TX Freq.		452.10000MHz
	RF Power.		Low
	W/N		Wide
	CH Type		FX=Digital TX=Digital
Mode setting	TX Mode	17	Digital PNB
	RX Mode	2	Digital
	AF Volume	0	[-----]
Adjust			
TX output power	Power (H)	208	[-----]
	Power (L2)	150	[-----]
	Power (L1)	76	[-----]
Analog deviation	MOD (Wide)	139	[-----]
	MOD (Mid)	144	[-----]
	MOD (Narrow)	65	[-----]
	MOD (Digital)	105	[-----]
CTCSS/DTCS deviation	CTCSS/DTCS	137	[-----]
	S.Tone	75	[-----]
Squelch	SQL	50	[---]
Expert			
TX frequency	RX REF	178	[-----]
	TX REF	126	[-----]
Lock volatge (Preset)	RX LVA L	80	[-----] [Enter] to Sweep
	RX LVA H	62	[-----] [Enter] to Sweep
	TX LVA L	166	[-----] [Enter] to Sweep
	TX LVA H	105	[-----] [Enter] to Sweep
Lock volatge (Adjustment)	LV (RX L)	36	0.70V
	LV (RX H)	36	0.70V
	LV (TX L)	36	0.70V
	LV (TX H)	36	0.70V
S-meter	RSSI	74	[Enter] to Capture
Modulation balance	BAL	174	[-----]
	BAL Offset (High)	0	[-----]
Modulation balance (High)	PWR Hi Slant Band 0	0	[-----] 399.900000 - 411.599999 MHz
	PWR Hi Slant Band 1	3	[-----] 411.600000 - 423.299999 MHz
	PWR Hi Slant Band 2	4	[-----] 423.300000 - 434.999999 MHz
	PWR Hi Slant Band 3	25	[-----] 435.000000 - 446.699999 MHz
	PWR Hi Slant Band 4	8	[-----] 446.700000 - 458.399999 MHz
	PWR Hi Slant Band 5	6	[-----] 458.400000 - 470.099999 MHz
	PWR Hi Slant Band 6	0	[-----] 470.100000 - 481.799999 MHz
	PWR L2 Slant Band 0	0	[-----] 399.900000 - 411.599999 MHz
	PWR L2 Slant Band 1	4	[-----] 411.600000 - 423.299999 MHz
	PWR L2 Slant Band 2	4	[-----] 423.300000 - 434.999999 MHz
	PWR L2 Slant Band 3	17	[-----] 435.000000 - 446.699999 MHz
	PWR L2 Slant Band 4	8	[-----] 446.700000 - 458.399999 MHz
	PWR L2 Slant Band 5	6	[-----] 458.400000 - 470.099999 MHz
	PWR L2 Slant Band 6	0	[-----] 470.100000 - 481.799999 MHz
	PWR L1 Slant Band 0	0	[-----] 399.900000 - 411.599999 MHz
	PWR L1 Slant Band 1	0	[-----] 411.600000 - 423.299999 MHz
	PWR L1 Slant Band 2	2	[-----] 423.300000 - 434.999999 MHz
	PWR L1 Slant Band 3	14	[-----] 435.000000 - 446.699999 MHz
PWR L1 Slant Band 4	6	[-----] 446.700000 - 458.399999 MHz	
PWR L1 Slant Band 5	4	[-----] 458.400000 - 470.099999 MHz	
PWR L1 Slant Band 6	0	[-----] 470.100000 - 481.799999 MHz	
Digital deviation	MOD Slant Band 0	0	[-----] 399.900000 - 411.599999 MHz
	MOD Slant Band 1	-9	[-----] 411.600000 - 423.299999 MHz
	MOD Slant Band 2	-13	[-----] 423.300000 - 434.999999 MHz
	MOD Slant Band 3	-2	[-----] 435.000000 - 446.699999 MHz
	MOD Slant Band 4	-5	[-----] 446.700000 - 458.399999 MHz
	MOD Slant Band 5	2	[-----] 458.400000 - 470.099999 MHz
	MOD Slant Band 6	0	[-----] 470.100000 - 481.799999 MHz
	MOD Offset (High)	0	[-----]
Receive sensitivity (Band center)	BPF C ALL		[Enter] to Sweep
	BPF T1 C	4	[-----] [Enter] to Sweep
	BPF T2 C	25	[-----] [Enter] to Sweep
*Receive sensitivity (Band low)	BPF L ALL		[Enter] to Sweep
	BPF T1 L	80	[-----] [Enter] to Sweep
	BPF T2 L	45	[-----] [Enter] to Sweep
Receive sensitivity (Band high)	BPF H ALL		[Enter] to Sweep
	BPF T1 H	69	[-----] [Enter] to Sweep
	BPF T2 H	53	[-----] [Enter] to Sweep

\*[Low band] only

### 6-3 TRANSMIT ADJUSTMENT (continued)

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
<b>ANALOG DEVIATION</b> <b>-Preparation-</b>	1	–	• Set the item [TX Mode] to "1."	[TX Mode] "1"
	2	• Connect a Modulation Analyzer to the TX antenna connector through an attenuator.	• Set the Modulation Analyzer as; HPF : OFF LPF : 20 kHz De-emphasis : OFF Detector : (P-P)/2	– –
	3	• Connect an Audio Generator to the MIC line through the JIG cable.	• Set the Audio Generator as; Modulation : 1 kHz Level : 40 mV rms Wave form : Sine wave	– –
<b>-Adjust- (Wide)</b>	4	• CH. : 1-10 • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[MOD (Wide)] ±4.05–4.15 kHz
<b>(Middle)</b> <[FR6100] only>	5	• CH. : 1-11 • [Wide Band Width] : "Middle" (see the page 6-4) • Transmitting		[MOD (Middle)] ±3.15–3.25 kHz
<b>(Narrow)</b>	6	• CH. : 1-12 • Transmitting		[MOD (Narrow)] ±2.05–2.15 kHz
<b>CTCSS/DTCSS DEVIATION</b> <b>-Preparation-</b>	1	–	• Set the item [TX Mode] to "3."	[TX Mode] "3"
<b>-Adjust-</b>	2	• CH. : 1-19 • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[CTCSS] ±0.68–0.72 kHz

### 6-4 RECEIVE ADJUSTMENT

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE
<b>RECEIVE SENSITIVITY</b> <b>-Preparation-</b>	1	–	• Set the item [RX Mode] to "1."	[RX Mode] "1"
	2	• Connect an SSG to the RX antenna connector.	• SSG common setting; Level : +20 dB <sub>μ</sub> Modulation : 1 kHz Deviation : 3.5 kHz	– –
<b>-Adjustment- (Band center)</b>	3	• CH. : 1-23 [Low] : 1-23 [High] • Receiving	1) Set the SSG as; Frequency : 435.000 MHz [Low] 450.100 MHz [High] 2) Select the item [BPF C ALL], then push the [ENTER] key.	[BPF C ALL]
<b>-Adjustment- (Band center) For [Low band] version only</b>	4	• CH. : 1-24 [Low] only • Receiving	1) Set the SSG as; Frequency : 400.100 MHz [Low] 2) Select the item [BPF L ALL], then push the [ENTER] key.	[BPF L ALL]
<b>-Adjustment- (Band high)</b>	5	• CH. : 1-22 [Low] : 1-24 [High] • Receiving	1) Set the SSG as; Frequency : 469.900 MHz [Low] 519.900 MHz [High] 2) Select the item [BPF H ALL], then push the [ENTER] key.	[BPF H ALL]

**6-4 RECEIVE ADJUSTMENT (continued)**

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE	
<b>S-METER</b> <b>-Preparation-</b>	<b>NOTE:</b> "RECEIVE SENSITIVITY" MUST be adjusted before "S-METER." When "RECEIVE SENSITIVITY" is re-adjusted, "S-METER" MUST be re-adjusted too.				
	1	<ul style="list-style-type: none"> <li>• Connect an SSG to the RX antenna connector.</li> </ul>	<ul style="list-style-type: none"> <li>• Set the SSG as;                      Frequency : 400.100 MHz [Low band]                      450.100 MHz [High band]                      Modulation : 1 kHz                      Deviation : 3.5 kHz</li> </ul>	-	-
<b>-Adjust-</b> <b>(S3 level)</b>	2	<ul style="list-style-type: none"> <li>• CH. : 1-26 [Low] : 1-25 [High]</li> <li>• Receiving</li> </ul>	1) Set the SSG as; Level : +23 dB <sub>μ</sub> 2) Select the item <b>[RSSI S3 Level]</b> , then push the [ENTER] key to store the adjust value.	<b>[RSSI S3 Level]</b>	(Automatic adjustment)
<b>(S1 level)</b>	3	<ul style="list-style-type: none"> <li>• CH. : 1-26 [Low] : 1-25 [High]</li> <li>• Receiving</li> </ul>	1) Set the SSG as; Level : -7 dB <sub>μ</sub> 2) Select the item <b>[RSSI S1 Level]</b> , then push the [ENTER] key, to store the adjust value.	<b>[RSSI S1 Level]</b>	(Automatic adjustment)
<b>SQUELCH</b> <b>-Preparation-</b>	1	-	<ul style="list-style-type: none"> <li>• Set the item <b>[SQL Level]</b> to "2."</li> </ul>	<b>[SQL Level]</b>	"2"
	2	<ul style="list-style-type: none"> <li>• Connect an SSG to the RX antenna connector.</li> </ul>	<ul style="list-style-type: none"> <li>• Set the SSG as;                      Frequency : 400.100 MHz [Low band]                      450.100 MHz [High band]                      Modulation : 1 kHz                      Deviation : 3.5 kHz                      Level : -14 dB<sub>μ</sub></li> </ul>	-	-
<b>-Adjust-</b>	2	<ul style="list-style-type: none"> <li>• CH. : 1-27 [Low] : 1-26 [High]</li> <li>• Receiving</li> </ul>	1) Decrease the adjustment value <b>[SQL]</b> to close the squelch once, then increase the value to open the squelch. 2) Select the item <b>[SQL]</b> , then push the [ENTER] key to store the adjust value.	<b>[SQL]</b>	(Automatic adjustment)

## PARTS LIST

## [MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1-#ZZZB	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	T	58.7/56.1
IC3	1130010100	S.IC LMX2352TMX/NOPB	B	120.2/43.9
IC4	1130010100	S.IC LMX2352TMX/NOPB	B	28/78.8
IC5	1110003491	S.IC TA31136FNG(D,EL)	B	70.4/82.5
IC7	1110007280	S.IC NJM2716F-TE1-#ZZZB	B	56.8/46.4
IC8	1130012910	S.IC AK4554VTP-E2/P	B	36.2/59.9
IC9	1190002080	S.IC AD7476ARTZ-500RL7	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK(T5L,F)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1-#ZZZB	B	53.1/35
IC12	1140013290	S.IC TMS320VC5509AZHH	B	33.3/37.8
IC13	1180002590	S.REG XC6204B332MR	T	80.9/21.3
IC14	1180003270	S.REG R1114Q161D-TR-F	T	84.4/21.4
IC15	1180002590	S.REG XC6204B332MR	T	87.8/21.3
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.2/52.8
IC20	1140014550	S.IC HD64F2506RFC26DV(EMPTY)	T	33.5/37.6
IC21	1140012950	S.IC 24LC512T-I/SM	T	59.1/21.8
IC22	1150002211	IC RA55H4047M-121 [USA-01]		
	1150002211	IC RA55H4047M-121 [EXP-01]		
	1150002221	IC RA55H4452M-121 [USA-02]		
	1150002221	IC RA55H4452M-121 [EXP-02]		
	1150002092	IC RA30H4047M-121 [EUR-01]		
IC23	1110002751	S.IC TA75S01F(TE85R,F)	T	139.3/125.6
IC25	1130008561	S.IC TC75S51F(TE85L,F)	B	29/16.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.7/77.0
IC27	1180001251	S.IC TA7808F(TE16L,Q)	T	116.6/84.1
IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F(TE85R,F)	T	12/123.1
IC30	1110003390	S.IC AN8005M-(E1)	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.1/45.2
IC32	1130013360	S.IC AT25F2048N-10SU-2.7SL383	B	8.9/36.1
IC34	1110005340	S.IC NJM12902V-TE1-#ZZZB	B	12.2/58.2
IC35	1140013200	S.IC CD4094BPWR	B	20.6/58.2
IC36	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	27.8/55.4
IC37	1120002830	S.IC NJM2125F-TE1-#ZZZB	T	56.6/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180001071	S.IC TA7805F(TE16L,Q)	T	101.2/24.3
IC40	1110005330	S.IC NJM12904V-TE1-#ZZZB	B	50.6/57.2
IC41	1180001251	S.IC TA7808F(TE16L,Q)	B	132/16.7
Q1	1590003230	S.TRA UNR9113J-(TX)	B	53.4/79.7
Q2	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	34.9/77.7
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Q4	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	88.8/41.5
Q5	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	33.3/107.5
Q6	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	29.6/101.3
Q7	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	72.9/92.5
Q8	1560000541	S.FET 2SK880-Y(T5RICOM,F)	B	92.7/47.7
Q9	1560001360	S.FET 2SK3019 TL	B	39.5/104.5
Q10	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/44.6
Q11	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/104.4
Q12	1590003230	S.TRA UNR9113J-(TX)	B	65.6/101.6
Q13	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	88.8/47.7
Q14	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	29.6/107.5
Q15	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	92.7/44.6
Q16	1530002851	S.TRA 2SC4116-BL(TE85R,F)	B	33.3/104.5
Q19	1530002601	S.TRA 2SC4215-O(TE85R,F)	B	63.2/106.8
Q20	1530002920	S.TRA 2SC4226-T1 R25	B	38.4/123.1
Q21	1530002920	S.TRA 2SC4226-T1 R25	B	39.6/114.5
Q22	1530002920	S.TRA 2SC4226-T1 R25	B	94.6/64.3
Q23	1530002920	S.TRA 2SC4226-T1 R25	B	95.2/55.4
Q24	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	100.5/58.6
Q25	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	44.9/116.2
Q26	1590001400	S.TRA XP1214(TX)	B	40.5/117.8
Q27	1590001400	S.TRA XP1214(TX)	B	96/59.6
Q28	1590003290	S.TRA UNR9213J-(TX)	B	93.3/59.6
Q29	1590003290	S.TRA UNR9213J-(TX)	T	57.2/41.9
Q30	1590003290	S.TRA UNR9213J-(TX)	B	37.8/117.8
Q31	1590003230	S.TRA UNR9113J-(TX)	T	57.2/39.8
Q32	1530003980	S.TRA 2SC5700WB-TR-E	B	46.5/109.1
Q33	1530003980	S.TRA 2SC5700WB-TR-E	B	102.1/53.4
Q34	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	46.2/123.1
Q35	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293(TE85L,F)	B	47.3/136.1
Q37	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	132.5/84.5
Q38	1530002680	S.TRA 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829(TE85R,F)	B	53.2/140.8
Q40	1590001190	S.TRA XP6501-(TX).AB	T	101.6/87.4
Q41	1520000460	S.TRA 2SB1132 T100 R	T	101.6/82.8
Q42	1590003290	S.TRA UNR9213J-(TX)	T	13.3/67.6
Q43	1590003290	S.TRA UNR9213J-(TX)	T	138.8/122.9
Q44	1590003290	S.TRA UNR9213J-(TX)	T	122.8/79.2
Q45	1540000550	S.TRA 2SD1664 T100Q	T	117/76.3
Q46	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	137.4/120.3
Q48	1510000920	S.TRA 2SA1577 T100 Q	T	101.5/77.8
Q49	1590003290	S.TRA UNR9213J-(TX)	T	102.2/73.7
Q52	1590003290	S.TRA UNR9213J-(TX)	T	10.9/131.6
Q53	1590003290	S.TRA UNR9213J-(TX)	T	10.9/129.6
Q56	1590003321	S.FET TPC6103(TE85L,F)	T	7.6/132.6
Q57	1550000190	S.FET 2SJ506STR-E	T	125.2/99.6
Q58	1590003290	S.TRA UNR9213J-(TX)	T	130.2/102.1
Q59	1590000990	S.TRA DTC363EK T146	T	7.6/127.6
Q61	1530002851	S.TRA 2SC4116-BL(TE85R,F)	T	6.8/118.4
Q62	1540000441	S.TRA 2SD1619T-TD-E	T	118.4/18.5
Q63	1560000990	S.FET PMBFJ310	B	66.3/110
Q64	1560000990	S.FET PMBFJ310	B	63.3/110

## [MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
Q65	1530003311	S.TRA 2SC5107-O(TE85R,F)	B	59.6/123.7
Q66	1590003290	S.TRA UNR9213J-(TX)	B	94.9/4.7
Q67	1590003290	S.TRA UNR9213J-(TX)	B	124.9/4.7
Q68	1590003290	S.TRA UNR9213J-(TX)	B	109.9/4.7
Q69	1590003290	S.TRA UNR9213J-(TX)	T	9.5/53.3
Q70	1590003230	S.TRA UNR9113J-(TX)	T	9.5/51
D1	1750001070	S.DIO DAN235ETL	B	57.3/78.6
D2	1750001070	S.DIO DAN235ETL	B	50/79.7
D3	1790001621	S.DIO 1SV308(TPL3,F)	B	70.3/93.4
D4	1790001621	S.DIO 1SV308(TPL3,F)	B	67.8/93.4
D7	1750001150	S.VAR HVC383BTRF-E	B	30.8/122.3
D8	1750001150	S.VAR HVC383BTRF-E	B	30.6/112.7
D9	1750001150	S.VAR HVC383BTRF-E	B	85.6/63.5
D10	1750001150	S.VAR HVC383BTRF-E	B	85.7/53.3
D11	1790001621	S.DIO 1SV308(TPL3,F)	B	63.5/103.1
D12	1790001621	S.DIO 1SV308(TPL3,F)	B	62.7/101.1
D13	1750000711	S.VAR HVC350BTRF-E	B	87.3/66.8
D14	1750000711	S.VAR HVC350BTRF-E	B	87.1/55.4
D15	1750000711	S.VAR HVC350BTRF-E	B	32.6/125.4
D16	1750000711	S.VAR HVC350BTRF-E	B	32/114.5
D17	1720000570	S.VAR MA368(TX)	B	94.6/66.6
D18	1720000570	S.VAR MA368(TX)	B	91.4/57.7
D19	1750000520	S.DIO DAN222TL	T	59.6/39.8
D20	1790001260	S.DIO MA2S077-(TX)	T	38.9/57.8
D21	1750000711	S.VAR HVC350BTRF-E	B	66.1/135.8
D22	1750000711	S.VAR HVC350BTRF-E	B	62.9/135.8
D24	1750000711	S.VAR HVC350BTRF-E	B	56.1/135.9
D27	1790001250	S.DIO MA2S111-(TX)	B	57.2/140.4
D28	1750000711	S.VAR HVC350BTRF-E	B	35.9/134.4
D29	1750000711	S.VAR HVC350BTRF-E	B	37.1/134.4
D31	1750000711	S.VAR HVC350BTRF-E	B	32.4/136.5
D32	1750000711	S.VAR HVC350BTRF-E	B	32.4/135.3
D33	1790001240	S.DIO MA2S728-(TX)	B	37.8/144.2
D34	1790001260	S.DIO MA2S077-(TX)	B	85.4/137.8
D38	1750001360	S.DIO L709CER (9401)	B	87.8/135.6
D40	1750000370	S.DIO DA221 TL	T	112.6/77
D44	1710001061	DIO L407CDB		
D45	1790001211	S.DIO 1SS375-TL-E	B	96.3/138.1
D46	1750000520	S.DIO DAN222TL	T	13.3/131.1
D47	1750000520	S.DIO DAN222TL	T	13.2/129.1
D48	1790000660	S.DIO MA728(TX)	B	121.1/142.5
D49	1790000660	S.DIO MA728(TX)	B	140.6/133
D51	1790001250	S.DIO MA2S111-(TX)	T	10.5/127.1
D53	1790001810	S.VAR AVR-M1005C080MTABB	T	32.5/11.5
D55	1790001810	S.VAR AVR-M1005C080MTABB	T	30.5/11.5
D56	1790001810	S.VAR AVR-M1005C080MTABB	B	33.2/22.5
D59	1790000700	DIO DSA3A1		
D61	1160000070	S.DIO DAN202K T146	T	118.4/14.3
D62	1750000431	S.DIO HSB88WSTR-E	B	68.3/123.3
D63	1790001250	S.DIO MA2S111-(TX)	B	34.1/20.7
D64	1750000370	S.DIO DA221 TL	T	63.2/93.9
D65	1750000370	S.DIO DA221 TL	T	65.2/93.9
D66	1750000370	S.DIO DA221 TL	T	67.2/93.9
D67	1750000370	S.DIO DA221 TL	T	62.5/105.6
D68	1750000370	S.DIO DA221 TL	T	60.5/104.7
D69	1750000370	S.DIO DA221 TL	T	69.2/93.9
D70	1750000370	S.DIO DA221 TL	T	71.2/93.9
D71	1750000370	S.DIO DA221 TL	T	69.4/109.5
D72	1750000370	S.DIO DA221 TL	T	71.5/109.5
D73	1750000370	S.DIO DA221 TL	T	73.5/109.5
D74	1750000370	S.DIO DA221 TL	T	75.6/109.5
D75	1790001250	S.DIO MA2S111-(TX)	B	41/38.6
D76	1790001250	S.DIO MA2S111-(TX)	B	26.4/41.3
D77	1790001250	S.DIO MA2S111-(TX)	B	49.2/29.9
D78	1730002360	S.ZEN MA8062-M(TX)	B	52.3/29.9
F11	2020001520	CER CFWLA450KFFA-B0 (CFWS450F)		
F12	2020001460	CER CFWLA450KHFA-B0 (CFWS450HT)		
F13	2030000500	S.MON DSF753SFB 46.35 MHz(FL-401)	B	72/101
F14	2030000670	S.MON DSF753SFB 46.35 MHz(FL-420)	B	63.4/91.1
F15	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/110.3
F16	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/113.4
F17	2040001440	S.LC NFE31PT152Z1E9L (NFM60R20T152)	T	114.2/116.5
X1	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	128.6/45.3
X2	6050012380	S.XTA CR-826 DSA535SD 15.3 MHz	B	35.6/72.3
X3	6070000300	S.DIS JTBM450CX24 <JJE>	B	63.5/83.5
X4	6050012350	S.XTA CR-817 DSB321SC 12.288 MHz	B	52.8/38.2
X5	6050012680	S.XTA CR-858(SMD-49/18.432 MHz)	T	46.9/52.7
L1	6200004660	S.COI MLF1608A 1R8K-T	B	115.6/39.2
L2	6200004660	S.COI MLF1608A 1R8K-T	B	23.6/82.4
L3	6200004480	S.COI MLF1608D R82K-T	B	39.4/79.3
L4	6200003540	S.COI MLF1608D R22K-T	B	36.9/76.9
L5	6200005671	S.COI ELJRE 12NGFA [USA-01]	B	102.7/46.7
	6200005671	S.COI ELJRE 12NGFA [EXP-01]		
	6200005661	S.COI ELJRE 10NGFA [USA-02]		
	6200005661	S.COI ELJRE 10NGFA [EXP-02]		
	6200005671	S.COI ELJRE 12NGFA [EUR-01]		
L6	6200005671	S.COI ELJRE 12NGFA	B	44.6/99.3

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
L8	6200004741	S.COI NLV25T-1R2J	B	28.5/121.7
L9	6200004741	S.COI NLV25T-1R2J	B	28.5/124.9
L10	6200004741	S.COI NLV25T-1R2J	B	28.5/114.1
L11	6200004741	S.COI NLV25T-1R2J	B	83.7/63.1
L12	6200004741	S.COI NLV25T-1R2J	B	83.7/54.6
L13	6200004741	S.COI NLV25T-1R2J	B	30.6/117.2
L14	6200004741	S.COI NLV25T-1R2J	B	84.2/66.2
L15	6200004741	S.COI NLV25T-1R2J	B	84.2/57.7
L18	6200009260	S.COI C3328A-5N0J-A	B	88.7/63.1
L19	6200009260	S.COI C3328A-5N0J-A	B	89.8/54
L20	6200009390	S.COI C3328A-8N0J-A	B	33.2/121.7
L21	6200009390	S.COI C3328A-8N0J-A	B	34.7/113.1
L22	6200003550	S.COI MLF1608A 4R7K-T	B	73.4/109.9
L23	6200002861	S.COI NLV25T-4R7J	B	57.6/108.9
L24	6200010740	S.COI C2520C-R27G-A	B	70/109.1
L25	6200004741	S.COI NLV25T-1R2J	B	97.1/64.6
L26	6200004741	S.COI NLV25T-1R2J	B	98.1/53.9
L27	6130002961	S.COI #617DB-1327=P3	B	68.3/117
L28	6200005711	S.COI ELJURE 27NGFA	B	62.3/123.6
L29	6200005721	S.COI ELJURE 33NGFA	B	102.6/58.6
L30	6200005721	S.COI ELJURE 33NGFA	B	46.9/116.2
L31	6200002861	S.COI NLV25T-4R7J	T	91.1/19.9
L32	6130002961	S.COI #617DB-1327=P3	B	68.3/128.7
L33	6200005671	S.COI ELJURE 12NGFA	B	47.3/107.1
L34	6200005711	S.COI ELJURE 27NGFA [USA-01]	B	61.1/117.5
	6200005711	S.COI ELJURE 27NGFA [EXP-01]		
	6200005691	S.COI ELJURE 18NGFA [USA-02]		
	6200005691	S.COI ELJURE 18NGFA [EXP-02]		
	6200005711	S.COI ELJURE 27NGFA [EUR-01]		
L35	6200005671	S.COI ELJURE 12NGFA [USA-01]	B	102.7/51.6
	6200005671	S.COI ELJURE 12NGFA [EXP-01]		
	6200005661	S.COI ELJURE 10NGFA [USA-02]		
	6200005661	S.COI ELJURE 10NGFA [EXP-02]		
	6200005671	S.COI ELJURE 12NGFA [EUR-01]		
L36	6200005711	S.COI ELJURE 27NGFA	B	44.3/123.1
L37	6200005711	S.COI ELJURE 27NGFA [USA-01]	B	61.1/120.1
	6200005711	S.COI ELJURE 27NGFA [EXP-01]		
	6200005691	S.COI ELJURE 18NGFA [USA-02]		
	6200005691	S.COI ELJURE 18NGFA [EXP-02]		
	6200005711	S.COI ELJURE 27NGFA [EUR-01]		
L38	6200005711	S.COI ELJURE 27NGFA	B	100/64.4
L39	6200009320	S.COI C3328A-12NG-A	B	70.8/137.3
L40	6200009320	S.COI C3328A-12NG-A	B	59.5/135.7
L41	6200009320	S.COI C3328A-12NG-A	B	51.4/136.3
L42	6200005711	S.COI ELJURE 27NGFA	B	134.7/83.8
L43	6200005711	S.COI ELJURE 27NGFA	B	142/87.1
L44	6200010290	S.COI C6328A-22NG-A [USA-01]	B	41.9/136.2
	6200010290	S.COI C6328A-22NG-A [EXP-01]		
	6200013490	S.COI C6328A-17NG-A [USA-02]		
	6200013490	S.COI C6328A-17NG-A [EXP-02]		
	6200010290	S.COI C6328A-22NG-A [EUR-01]		
L45	6200005641	S.COI ELJURE 6N8ZF-A	B	142.7/90.6
L46	6200005691	S.COI ELJURE 18NGFA [USA-01]	B	142/94.6
	6200005691	S.COI ELJURE 18NGFA [EXP-01]		
	6200005691	S.COI ELJURE 18NGFA [USA-02]		
	6200005691	S.COI ELJURE 18NGFA [EXP-02]		
	6200005671	S.COI ELJURE 12NGFA [EUR-01]		
L47	6200010290	S.COI C6328A-22NG-A [USA-01]	B	34.8/140.3
	6200010290	S.COI C6328A-22NG-A [EXP-01]		
	6200013490	S.COI C6328A-17NG-A [USA-02]		
	6200013490	S.COI C6328A-17NG-A [EXP-02]		
	6200010290	S.COI C6328A-22NG-A [EUR-01]		
L48	6200010100	S.COI C2012C-33NG-A	B	39.7/142.2
L49	6200010040	S.COI AS100340-10N	B	95.5/119.7
L50	6200005691	S.COI ELJURE 18NGFA	B	88/137.7
L52	6200010420	S.COI FHW1210HC 1R0JGT <JJE>	B	86.6/122.3
L53	6200010150	S.COI AS080340-15N	B	92.5/134.3
L54	6200010150	S.COI AS080340-15N	B	99.7/133.8
L55	6200010150	S.COI AS080340-15N	B	107.5/135.8
L56	6200010150	S.COI AS080340-15N	B	114.4/138.9
L57	6200010150	S.COI AS080340-15N	B	144.6/142.1
L58	6200002861	S.COI NLV25T-4R7J	T	55.4/37.5
L59	6200010420	S.COI FHW1210HC 1R0JGT <JJE>	B	147.1/146.2
L60	6200010420	S.COI FHW1210HC 1R0JGT <JJE>	B	24.5/145
L61	6200002961	S.COI NLV32T-4R7J	T	118.4/23.8
L65	6200004741	S.COI NLV25T-1R2J	B	41.3/123.3
L66	6200004741	S.COI NLV25T-1R2J	B	42.8/113.5
R1	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	54.5/63.5
R2	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	59/61.8
R3	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	62.4/69.6
R4	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	57.3/80.1
R6	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	9.5/57.1
R7	7030010040	S.RES ERJ2GEJ-JPW	T	61.6/66.3
R8	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	24.9/70.4
R9	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	25.8/70.4
R10	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	26.7/70.4
R12	7510001730	S.THE ERTJJOEP 473J	B	129.1/49.3
R13	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	130.8/49.3
R15	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	54.5/78.3
R17	7030004980	S.RES ERJ2GEJ 101 X (100)	T	19.8/68.8
R18	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	55.3/79.2
R20	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	56.2/63.5
R22	7410001130	S.ARR EXB28V102JX	B	122.6/39
R23	7410001130	S.ARR EXB28V102JX	B	23.1/76.3
R25	7030004970	S.RES ERJ2GEJ 470 X (47)	B	65.3/79.4
R26	7030010040	S.RES ERJ2GEJ-JPW	T	57.8/64.5
R27	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	57.8/51
R29	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	35.8/75.5
R30	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	52.8/81.1
R32	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	51.2/78.3
R33	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	48.4/78.2
R34	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	27.1/68.1

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R35	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	28/68.1
R36	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	28.9/68.1
R38	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	27.6/70.4
R39	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	28.6/70.4
R40	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	29.5/70.4
R41	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	68.2/78.2
R42	7030007060	S.RES ERJ2GEJ 684X (680K)	B	34.6/75.9
R43	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	62.8/77.3
R44	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	71.4/78.2
R45	7030004970	S.RES ERJ2GEJ 470 X (47)	B	64.6/75.5
R46	7030005000	S.RES ERJ2GEJ 471 X (470)	T	52.7/57.1
R47	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	64.6/76.4
R48	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	62.8/76.4
R49	7030010040	S.RES ERJ2GEJ-JPW	T	55.2/57
R52	7030004980	S.RES ERJ2GEJ 101 X (100)	B	34.1/56.4
R53	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	16.8/57.6
R54	7030005000	S.RES ERJ2GEJ 471 X (470)	B	19.4/64.3
R56	7030004970	S.RES ERJ2GEJ 470 X (47)	B	121.9/50.4
R57	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	62.8/75.5
R58	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	56.5/49.8
R59	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	57.4/49
R60	7030005000	S.RES ERJ2GEJ 471 X (470)	B	33.1/75.2
R62	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	18.5/62.5
R63	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	55.5/60
R65	7030005000	S.RES ERJ2GEJ 471 X (470)	B	125.1/47.3
R66	7030004980	S.RES ERJ2GEJ 101 X (100)	B	56.5/50.6
R68	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	67.5/86.7
R69	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.7/83
R71	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	31/62.6
R72	7030004980	S.RES ERJ2GEJ 101 X (100)	B	57.6/44.2
R75	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	39.9/71.1
R76	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	91/41.5
R77	7030005580	S.RES ERJ2GEJ 560 X (56)	B	119.7/48.8
R78	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	29.6/99.3
R79	7030005580	S.RES ERJ2GEJ 560 X (56)	B	32.7/79.5
R80	7030004970	S.RES ERJ2GEJ 470 X (47)	B	23.5/41.1
R81	7030007250	S.RES ERJ2GEJ 220 X (22)	B	49.9/50.5
R82	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	56/44.2
R84	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	95.4/45.4
R85	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	36.9/105.6
R87	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	73.7/81.1
R88	7030005530	S.RES ERJ2GEJ 100 X (10)	B	39/71.1
R89	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	67.1/83.2
R90	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	54.5/73.3
R91	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	94.5/45.4
R92	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	86.7/51.9
R93	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	B	35.1/105.6
R94	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	B	28/93.3
R97	7410001170	S.ARR EXB28V470JX	B	42.9/49.9
R98	7030005530	S.RES ERJ2GEJ 100 X (10)	B	70.7/90.4
R99	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	70.7/91.3
R100	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	69.1/92.3
R101	7030004980	S.RES ERJ2GEJ 101 X (100)	B	86.7/43.7
R102	7030004980	S.RES ERJ2GEJ 101 X (100)	B	31.5/105.6
R103	7030004980	S.RES ERJ2GEJ 101 X (100)	B	27.8/103.9
R104	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	86.7/45.4
R105	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	31.5/109
R106	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	27.8/105.6
R107	7030004980	S.RES ERJ2GEJ 101 X (100)	B	90.8/45.4
R108	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	90.8/43.7
R109	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	65.7/100.1
R110	7030005810	S.RES RR0510P-152-D (1.5K)	B	31.5/103.9
R111	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	37.8/105.6
R112	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	86.7/47.1
R113	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	27.8/107.3
R114	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	69.4/94.8
R115	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	66.8/96.2
R116	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	90.8/48.8
R117	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	90.8/47.1
R118	7030007280	S.RES ERJ2GEJ 301 X (30)	B	72.8/94.8
R119	7030007270	S.RES ERJ2GEJ 151 X (150)	B	67.2/90
R120	7030005800	S.RES RR0510P-102-D (1K)	B	31.5/107.3
R121	7030009820	S.RES RR0510P-681-D (680)	B	26.2/109
R122	7030004970	S.RES ERJ2GEJ 470 X (47)	B	56.6/33.9
R123	7030004970	S.RES ERJ2GEJ 470 X (47)	B	49.5/38.5
R124	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.3/38.3
R125	7030007280	S.RES ERJ2GEJ 331 X (330)	B	82.6/51
R126	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	94.5/43.7
R127	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	61.2/51
R128	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	35.1/103.9
R129	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.3/35.1
R130	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	56.2/36.7
R131	7030004980	S.RES ERJ2GEJ 101 X (100)	B	54.2/32.4
R132	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	50.8/34.9
R133	7030007280	S.RES ERJ2GEJ 331 X (330)	B	67.5/104.4
R134	7030007270	S.RES ERJ2GEJ 151 X (150)	B	62.7/97.1
R136	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	81.7/65

## [MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R157	7030005530	S.RES ERJ2GEJ 100 X (10)	B	92.4/66.6
R158	7030005530	S.RES ERJ2GEJ 100 X (10)	B	88.9/57.2
R159	7030005530	S.RES ERJ2GEJ 100 X (10)	B	65.2/106.1
R160	7030010040	S.RES ERJ2GEJ-JPW	B	36.8/123.7
R161	7030006020	S.RES RR0510P-682-D (6.8K)	B	37.6/113.5
R162	7030010040	S.RES ERJ2GEJ-JPW	B	37.6/115.3
R163	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.4/62
R164	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.7/52.9
R165	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	92.4/65.2
R166	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	93.1/56.3
R167	7030007250	S.RES ERJ2GEJ 220 X (22)	B	58.3/111.1
R168	7030006020	S.RES RR0510P-682-D (6.8K)	B	92.4/63.4
R169	7030006020	S.RES RR0510P-682-D (6.8K)	B	93.1/54.5
R171	7030011920	S.RES RR0510P-561-D (560)	B	41/120.7
R172	7030009820	S.RES RR0510P-681-D (680)	B	97/62
R173	7030009820	S.RES RR0510P-681-D (680)	B	97/56.5
R174	7030009820	S.RES RR0510P-681-D (680)	B	41.4/115.7
R175	7030005530	S.RES ERJ2GEJ 100 X (10)	B	73.6/108.8
R176	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	100.5/56.8
R177	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	44.9/114.4
R178	7030004980	S.RES ERJ2GEJ 101 X (100)	B	100.5/55.9
R179	7030004980	S.RES ERJ2GEJ 101 X (100)	B	44.9/113.5
R180	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	36/109
R181	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	95.4/48.8
R182	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	68.5/107
R185	7030010040	S.RES ERJ2GEJ-JPW	B	62.3/117.5
R186	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	39.2/50.7
R187	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	41.5/55.9
R188	7410001150	S.ARR EXB28V471JX	T	48.5/41.1
R189	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	55.6/39.5
R190	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	43.1/55.9
R191	7030005000	S.RES ERJ2GEJ 471 X (470)	B	44/109.1
R192	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	44.9/109.1
R194	7030004980	S.RES ERJ2GEJ 101 X (100)	B	100.5/51.7
R195	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	100.5/53.4
R196	7030007260	S.RES ERJ2GEJ 330 X (33)	B	48/120.7
R197	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	40.5/50.6
R198	7030007260	S.RES ERJ2GEJ 330 X (33)	B	103.7/62
R199	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	67.6/57.5
R200	7030004980	S.RES ERJ2GEJ 101 X (100)	B	43.1/122.6
R201	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	48/122.6
R202	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	41.4/48.6
R204	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	54.7/39.5
R205	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	34.5/57.9
R207	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	103.7/64
R208	7030010040	S.RES ERJ2GEJ-JPW	B	46.2/120.7
R209	7030005000	S.RES ERJ2GEJ 471 X (470)	T	67.6/56
R212	7410001140	S.ARR EXB28V104JX	T	52.3/41.1
R213	7030005530	S.RES ERJ2GEJ 100 X (10)	T	41.4/47.7
R214	7030004980	S.RES ERJ2GEJ 101 X (100)	B	98.9/64
R215	7030010040	S.RES ERJ2GEJ-JPW	B	100.9/62
R216	7410001140	S.ARR EXB28V104JX	T	17.3/52.4
R217	7410001140	S.ARR EXB28V104JX	T	38.6/56
R218	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	65/137.9
R220	7410001140	S.ARR EXB28V104JX	T	15.2/50.7
R222	7410001140	S.ARR EXB28V104JX	T	36.1/56
R223	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	64/136.3
R224	7410001150	S.ARR EXB28V471JX	T	30.4/53.1
R225	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	64/137.9
R226	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	57.2/136.1
R227	7410001150	S.ARR EXB28V471JX	T	42.9/28.9
R230	7410001150	S.ARR EXB28V471JX	T	28.6/50.9
R231	7030005010	S.RES ERJ2GEJ 681 X (680) [USA-01]	B	55/138
	7030005010	S.RES ERJ2GEJ 681 X (680) [EXP-01]		
	7030005010	S.RES ERJ2GEJ 681 X (680) [USA-02]		
	7030005010	S.RES ERJ2GEJ 681 X (680) [EXP-02]		
	7030007280	S.RES ERJ2GEJ 331 X (330) [EUR-01]		
R232	7410001150	S.ARR EXB28V471JX	T	25.9/49.4
R233	7030005530	S.RES ERJ2GEJ 100 X (10)	B	54.1/136.1
R234	7410001150	S.ARR EXB28V471JX	T	42.5/25.7
R235	7410001150	S.ARR EXB28V471JX	T	24.2/47.6
R236	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	133.1/82.8
R237	7030004970	S.RES ERJ2GEJ 470 X (47)	B	48.4/138.3
R238	7410001150	S.ARR EXB28V471JX	T	45.7/28.9
R239	7410001150	S.ARR EXB28V471JX	T	22.4/45.8
R240	7030004980	S.RES ERJ2GEJ 101 X (100)	B	135.8/84.5
R241	7030005710	S.RES ERJ2GEJ 121 X (120)	B	48.4/133.8
R242	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	47.4/138.3
R243	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.4/138.3
R244	7410001150	S.ARR EXB28V471JX	T	39.7/25.8
R245	7410001150	S.ARR EXB28V471JX	T	20.2/42.4
R246	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	44.4/136.1
R247	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	47.4/140.4
R248	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	137.4/85.8
R253	7030004970	S.RES ERJ2GEJ 470 X (47)	B	138.8/85.4
R255	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	51.4/140.4
R257	7410001140	S.ARR EXB28V104JX	T	14.5/45.7
R258	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	58.3/140.4
R259	7030005170	S.RES ERJ2GEJ 474 X (470K)	B	56.1/140.4
R260	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	144.6/121.4
R261	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	52.5/25.2
R262	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	51.9/22.8
R263	7410001140	S.ARR EXB28V104JX	T	46.2/20
R264	7410001140	S.ARR EXB28V104JX	T	50.2/24
R265	7030007280	S.RES ERJ2GEJ 331 X (330)	T	143/121.4
R266	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	34.6/133.5
R267	7410001140	S.ARR EXB28V104JX	T	14.8/43.1
R268	7410001150	S.ARR EXB28V471JX	T	45.7/31.8
R269	7030007270	S.RES ERJ2GEJ 151 X (150)	B	142.6/92.6
R270	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.6/134
R271	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	23.8/26.7
R272	7410001150	S.ARR EXB28V471JX	T	17.9/32.3
R273	7410001150	S.ARR EXB28V471JX	T	17.9/35.1
R274	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	31.5/134

## [MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R277	7030004980	S.RES ERJ2GEJ 101 X (100)	T	143.4/126.6
R278	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	13.9/85.6
R279	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	103.6/68.4
R280	7030004990	S.RES ERJ2GEJ 221 X (220)	T	138.4/128.2
R281	7410001150	S.ARR EXB28V471JX	T	21.3/31.8
R282	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	37.8/20.3
R283	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	141.5/126.6
R285	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	101.6/67.9
R287	7410001140	S.ARR EXB28V104JX	T	49.7/27.7
R288	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	136.8/124.7
R289	7030006070	S.RES ERJ2YJ101U (100)	B	86.9/117.5
R290	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	137.2/122.6
R291	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	139.2/121.2
R292	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	139.3/128.2
R295	7030006610	S.RES ERJ2GEJ 394 X (390K)	T	136.3/122.6
R296	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	121.8/77.2
R297	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	122.8/77.2
R298	7030000440	S.RES MCR10EZHJ 3.3K (332)	T	120.4/47.3
R299	7030004980	S.RES ERJ2GEJ 101 X (100)	B	29.1/19.4
R300	7030005530	S.RES ERJ2GEJ 100 X (10)	T	47.6/73.1
R301	7030008300	S.RES ERJ2GEJ 184 X (180K)	B	85.7/131
R303	7410001150	S.ARR EXB28V471JX	T	47.7/68.4
R304	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	95.4/135.9
R306	7520000260	S.POS PRF18BB471QB1RB	B	87.3/130.2
R308	7030008010	S.RES ERJ2GEJ 123 X (12K) [USA-01]	T	140.7/128.3
	7030008010	S.RES ERJ2GEJ 123 X (12K) [EXP-01]		
	7030008010	S.RES ERJ2GEJ 123 X (12K) [USA-02]		
	7030008010	S.RES ERJ2GEJ 123 X (12K) [EXP-02]		
	7030007340	S.RES ERJ2GEJ 153 X (15K) [EUR-01]		
R309	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	102.2/75.7
R313	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	103.5/77.8
R315	7030005700	S.RES ERJ2GEJ 274 X (270K)	B	98.6/137.3
R316	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	11.2/128.2
R320	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	15/124.1
R321	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	119.5/142.1
R322	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	119.4/144.2
R324	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	31.3/12
R325	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.3/12
R326	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	13.2/125.7
R327	7030000220	S.RES MCR10EZHJ 47 (470)	B	119.7/132.8
R328	7030000260	S.RES MCR10EZHJ 100 (101)	B	139.3/144.3
R331	7030004980	S.RES ERJ2GEJ 101 X (100)	T	12/120
R332	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	139.5/135
R333	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	139.3/131.4
R334	7030005651	S.RES ERA3YKD 304V (300K)	T	57.8/30.5
R335	7030005871	S.RES ERA3YKD 104V (100K)	T	55.9/28.7
R336	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	12/120.9
R337	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	13.2/120.6
R339	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	12/125.3
R341	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	33.3/12
R342	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	45.3/56.9
R346	7410001150	S.ARR EXB28V471JX	T	43.5/73.8
R347	7030005000	S.RES ERJ2GEJ 471 X (470)	T	9.8/132.9
R348	7030000620	S.RES MCR10EZHJ 100 K (104)	B	147.2/150.9
R349	7030000620	S.RES MCR10EZHJ 100 K (104)	B	26/149.7
R350	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	6.4/131
R352	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	10.2/125.3
R353	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	55.8/56.9
R354	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	125.2/103.6
R355	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	129.2/103.6
R356	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	9.8/134.5
R357	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	10.1/150.2
R362	7540000290	ABS ERZV10D220		
R364	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	65.1/71.2
R365	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	7.4/120.7
R366	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	7/123.5
R367	7030004980	S.RES ERJ2GEJ 101 X (100)	T	9.7/117.3
R368	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	8.5/117.8
R369	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	9.7/118.2
R370	7030008280	S.RES ERJ2GEJ 271 X (270)	T	6.1/120.7
R371	7030010040	S.RES ERJ2GEJ-JPW	T	5/117.3
R372	7030005000	S.RES ERJ2GEJ 471 X (470)	T	115.3/15.8
R373	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	115.3/14
R374	7030000140	S.RES MCR10EZHJ 10 (100)	T	111.2/12.3
R375	7030010040	S.RES ERJ2GEJ-JPW	T	100.1/16.3
R376	7030004980	S.RES ERJ2GEJ 101 X (100)	B	62.3/122.2
R377	7030005000	S.RES ERJ2GEJ 101 X (470)	B	62.3/124.7
R378	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	63.2/126.1
R379	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	B	



[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R448	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	49.3/19.2
R449	7030005170	S.RES ERJ2GEJ 474 X (470K)	T	39.5/19.2
R450	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	50.2/16.5
R453	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	52/13.9
R454	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	94.9/2.7
R455	7030005010	S.RES ERJ2GEJ 681 X (680)	B	124.9/2.7
R456	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	109.9/2.7
R467	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	38/44.6
R468	7410001140	S.ARR EXB28V104JX	B	31.8/48.5
R469	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	32.6/44.6
R470	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	10.9/20.2
R471	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	47.7/44.2
R472	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	4.8/36.1
R473	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.2/44.6
R474	7030005530	S.RES ERJ2GEJ 100 X (10)	B	15.5/55.3
R475	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	9/56.2
R476	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	15/53.5
R477	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	15/52.6
R478	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	9.1/54.7
R479	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	64.2/69.6
R480	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	15.6/61.5
R481	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	16.5/59.9
R482	7410001150	S.ARR EXB28V471JX	T	19.6/45.1
R483	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	31.2/56.5
R484	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	28.8/50.9
R485	7410001150	S.ARR EXB28V471JX	T	67.3/96.9
R486	7410001150	S.ARR EXB28V471JX	T	64.8/105.4
R487	7410001150	S.ARR EXB28V471JX	T	72.8/105.4
R488	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	T	9.5/54.9
R489	7030004980	S.RES ERJ2GEJ 101 X (100)	B	24.1/58.7
R490	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	28.2/58.4
R491	7030004980	S.RES ERJ2GEJ 101 X (100)	B	26.1/51.2
R492	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	29.8/58.8
R493	7030010040	S.RES ERJ2GEJ-JPW	T	11.3/19
R494	7030005000	S.RES ERJ2GEJ 471 X (470)	T	73.2/98.2
R495	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	55.2/55.3
R496	7030005070	S.RES ERJ2GEJ 683 X (68K)	T	52.7/56.2
R497	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	52.7/55.3
R498	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	61.4/103.1
R499	7030004980	S.RES ERJ2GEJ 101 X (100)	T	24.4/57
R500	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	21.2/57.5
R501	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	22.8/53.8
R502	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	28/55
R503	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	55.5/58.4
R505	7030010040	S.RES ERJ2GEJ-JPW	T	113.4/18.3
R506	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	113.4/19.3
R507	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	115/19.3
R508	7030010040	S.RES ERJ2GEJ-JPW	T	144.6/119.6
R509	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	33.3/15.2
R510	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	29/14.1
R511	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	29.1/18.5
R512	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.8/18.5
R513	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.3/90.4
R530	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	62.5/66.3
R531	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	64.6/78.2
R532	7030005000	S.RES ERJ2GEJ 471 X (470)	B	45.1/37.1
R533	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	57.2/18.4
R534	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	45.3/58.6
R535	7030004980	S.RES ERJ2GEJ 101 X (100)	B	55.8/55.3
R536	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	55.8/58.6
R537	7030010040	S.RES ERJ2GEJ-JPW	B	41.6/41.2
R539	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	64.2/71.2
R540	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	90.6/17.9
R541	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	28.9/55
R542	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	39.9/72.7
R543	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	48.4/79.8
C1	4030017420	S.CER ECJ0EC1H470J	B	120.7/39
C2	4030017420	S.CER ECJ0EC1H470J	B	22.9/78.1
C3	4030016930	S.CER ECJ0EB1A104K	B	130.8/50.2
C4	4030017420	S.CER ECJ0EC1H470J	B	122.2/37.1
C5	4030017420	S.CER ECJ0EC1H470J	B	21.7/77.1
C6	4030016930	S.CER ECJ0EB1A104K	B	52.4/77.9
C7	4030017420	S.CER ECJ0EC1H470J	B	123.1/37.1
C8	4030017420	S.CER ECJ0EC1H470J	B	21.7/75.5
C9	4030017460	S.CER ECJ0EB1E102K	T	17.6/59
C10	4030016930	S.CER ECJ0EB1A104K	B	55.7/77.9
C11	4030016930	S.CER ECJ0EB1A104K	B	124/37.1
C12	4030016930	S.CER ECJ0EB1A104K	B	22.1/74.3
C13	4030016930	S.CER ECJ0EB1A104K	B	55.6/80.7
C14	4030017460	S.CER ECJ0EB1E102K	T	16.1/59.9
C15	4030016930	S.CER ECJ0EB1A104K	T	62.4/67.5
C16	4030017420	S.CER ECJ0EC1H470J	T	56.2/64.5
C17	4030016930	S.CER ECJ0EB1A104K	B	115.6/40.6
C18	4030017700	S.CER ECJ0EC1H151J	T	62.4/71.2
C19	4030016930	S.CER ECJ0EB1A104K	B	22.9/80.3
C20	4550006250	S.TAN TEESVA 1A 106M8R	B	115.4/37.5
C21	4550006250	S.TAN TEESVA 1A 106M8R	B	21.3/80.5
C22	4030016930	S.CER ECJ0EB1A104K	B	50/77.9
C23	4030016930	S.CER ECJ0EB1A104K	T	57.8/52.6
C24	4030016930	S.CER ECJ0EB1A104K	B	50.3/81.1
C25	4030016930	S.CER ECJ0EB1A104K	B	54.4/81.1
C26	4030017460	S.CER ECJ0EB1E102K	B	117.8/39.2
C27	4030017460	S.CER ECJ0EB1E102K	B	23.8/80.3
C28	4030016930	S.CER ECJ0EB1A104K	B	53.3/77.9
C30	4030017460	S.CER ECJ0EB1E102K	T	59.8/67
C31	4030016930	S.CER ECJ0EB1A104K	T	60.5/53
C32	4030017590	S.CER ECJ0EC1H470C	B	38.4/79.1
C33	4030016930	S.CER ECJ0EB1A104K	T	58.9/67
C34	4030017570	S.CER ECJ0EC1H040B	B	37.2/78.7
C35	4030016930	S.CER ECJ0EB1A104K	B	38.3/76
C36	4030017500	S.CER ECJ0EC1H560J	B	37.2/79.6
C37	4030016930	S.CER ECJ0EB1A104K	B	48.4/79.8

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C38	4030016930	S.CER ECJ0EB1A104K	B	69.8/78.2
C39	4030017360	S.CER ECJ0EC1H030B	B	71.4/77.3
C40	4030017760	S.CER ECJ0EB1H222K	B	68.2/77.3
C41	4030018860	S.CER ECJ0EB0J105K	B	31/58.2
C42	4030017760	S.CER ECJ0EB1H222K	B	68.2/76.4
C43	4030016930	S.CER ECJ0EB1A104K	B	55.6/49
C44	4030018860	S.CER ECJ0EB0J105K	B	35.7/56.4
C45	4030016950	S.CER ECJ0EB1A473K	B	34.5/55.2
C47	4030017460	S.CER ECJ0EB1E102K	B	64.6/77.3
C48	4030016930	S.CER ECJ0EB1A104K	T	52.7/54.4
C49	4030018860	S.CER ECJ0EB0J105K	B	15.6/58.3
C50	4030016930	S.CER ECJ0EB1A104K	B	130.8/48.4
C51	4030017620	S.CER ECJ0EC1H100C	B	125.1/45.3
C52	4030017420	S.CER ECJ0EC1H470J	B	120.6/48.8
C53	4030017420	S.CER ECJ0EC1H470J	B	32.7/78.4
C54	4030017660	S.CER ECJ0EC1H330J	B	32.7/77.3
C56	4030016950	S.CER ECJ0EB1A473K	B	31.9/59.1
C59	4030017430	S.CER ECJ0EC1H101J	B	32.7/76.4
C60	4030017620	S.CER ECJ0EC1H100C	B	32.3/72.9
C61	4030018900	S.CER ECJ0EB0J474K	B	18/63.8
C62	4030016930	S.CER ECJ0EB1A104K	B	33.6/55.2
C63	4030016930	S.CER ECJ0EB1A104K	T	55.5/61.6
C66	4030017430	S.CER ECJ0EC1H101J	B	123.5/48.4
C67	4030017460	S.CER ECJ0EB1E102K	B	67.5/87.7
C69	4030016930	S.CER ECJ0EB1A104K	B	29.8/63
C70	4030017460	S.CER ECJ0EB1E102K	B	64.3/79.4
C71	4030016930	S.CER ECJ0EB1A104K	B	57.6/43.3
C72	4030018910	S.CER C1608 JB 0J 475K-T	B	29.3/61.9
C73	4030017460	S.CER ECJ0EB1E102K	B	96.3/45.4
C75	4030017460	S.CER ECJ0EB1E102K	B	36/105.6
C77	4030016930	S.CER ECJ0EB1A104K	T	53.9/57.7
C78	4030017460	S.CER ECJ0EB1E102K	B	119.7/50.4
C79	4030017460	S.CER ECJ0EB1E102K	B	34.3/79.5
C80	4030017350	S.CER ECJ0EC1H020B	[USA-01] [EXP-01]	B 102.4/45.6
	4030017350	S.CER ECJ0EC1H020B	[USA-02]	
	4030017550	S.CER ECJ0EC1H1R5B	[USA-02]	
	4030017550	S.CER ECJ0EC1H1R5B	[EXP-02]	
	4030017350	S.CER ECJ0EC1H020B	[EUR-01]	
C81	4030017350	S.CER ECJ0EC1H020B	[USA-01]	B 42.2/99.6
	4030017350	S.CER ECJ0EC1H020B	[EXP-01]	
	4030017550	S.CER ECJ0EC1H1R5B	[USA-02]	
	4030017550	S.CER ECJ0EC1H1R5B	[EXP-02]	
	4030017350	S.CER ECJ0EC1H020B	[EUR-01]	
C82	4550006250	S.TAN TEESVA 1A 106M8R	B	61.1/79.2
C83	4030017460	S.CER ECJ0EB1E102K	B	71.7/86.7
C84	4030017420	S.CER ECJ0EC1H470J	B	74.7/81.1
C85	4030017590	S.CER ECJ0EC1H070C	B	56/43.3
C86	4030016930	S.CER ECJ0EB1A104K	B	51.7/47.1
C87	4030018910	S.CER C1608 JB 0J 475K-T	B	54.3/48.4
C88	4030017770	S.CER ECJ0EB1E332K	B	86.7/40.6
C89	4030017770	S.CER ECJ0EB1E332K	B	28/99.3
C90	4030017680	S.CER ECJ0EC1H820J	B	69.1/86.7
C91	4030016930	S.CER ECJ0EB1A104K	T	60.7/66.3
C92	4030016930	S.CER ECJ0EB1C103K	B	72.7/88
C93	4030017460	S.CER ECJ0EB1E102K	B	70/87.9
C96	4030018910	S.CER C1608 JB 0J 475K-T	B	49.2/48.9
C97	4030016930	S.CER ECJ0EB1A104K	B	57.4/50.6
C98	4030017460	S.CER ECJ0EB1E102K	B	35.1/107.3
C99	4030017460	S.CER ECJ0EB1E102K	B	40.8/72.7
C101	4030017620	S.CER ECJ0EC1H100C	B	37.7/63.2
C102	4550000560	S.TAN TEESVA 1V 334M8R	B	84.7/42.7
C103	4550003260	S.TAN TEESVA 1V 684M8R	B	26.2/100.4
C104	4030016930	S.CER ECJ0EB1A104K	B	39.9/74.5
C105	4030017520	S.CER ECJ0EC1HOR3B	B	103.2/47.8
C106	4030017340	S.CER ECJ0EC1H010B	B	47/100.1
C107	4030017590	S.CER ECJ0EC1H070C	B	72.3/89.5
C108	4030017460	S.CER ECJ0EB1E102K	B	94.5/47.1
C109	4030017530	S.CER ECJ0EC1HOR5B	B	101.9/48.3
C110	4030017530	S.CER ECJ0EC1HOR5B	B	46.5/101.4
C111	4030016790	S.CER ECJ0EB1C103K	B	70.7/92.3
C112	4550000270	S.TAN TEESVA 1E 474M8R	B	84.7/47.9
C113	4550000270	S.TAN TEESVA 1E 474M8R	B	26.2/105.6
C114	4030017520	S.CER ECJ0EC1HOR3B	B	103.2/49.6
C115	4030017550	S.CER ECJ0EC1H1R5B	[USA-01] [EXP-01]	B 47/102.8
	4030017550	S.CER ECJ0EC1H1R5B	[USA-02]	
	4030017340	S.CER ECJ0EC1H010B	[EXP-02]	
	4030017340	S.CER ECJ0EC1H010B	[EUR-01]	
C116	4030017460	S.CER ECJ0EB1E102K	B	70.7/89.5
C117	4030016790	S.CER ECJ0EB1C103K	B	69.1/90.4
C118	4030016790	S.CER ECJ0EB1C103K	B	69.1/91.3
C121	4030016790	S.CER ECJ0EB1C103K	B	71.1/94.8
C122	4030016790	S.CER ECJ0EB1C103K	B	67.2/91.6
C123	4030016930	S.CER ECJ0EB1A104K	B	67.5/100.1
C124	4030016930	S.CER ECJ0EB1A104K	B	48.5/50.5
C125	4030016790	S.CER ECJ0EB1C103K	B	95.4/43.7
C126	4030016790	S.CER ECJ0EB1C103K	B	52.7/35.1
C127	4030016790	S.CER ECJ0EB1C103K	B	36/103.9

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C152	4030016930	S.CER ECJ0EB1A104K	B	55.3/32.4
C153	4030017380	S.CER ECJ0EC1H050B	B	49.8/34.9
C154	4030017420	S.CER ECJ0EC1H470J	B	26.5/120.6
C155	4030017460	S.CER ECJ0EB1E102K	B	26.5/123.2
C156	4030017420	S.CER ECJ0EC1H470J	B	28.5/111.5
C157	4030017460	S.CER ECJ0EB1E102K	B	28/117.2
C158	4030017420	S.CER ECJ0EC1H470J	B	81.7/62.1
C159	4030017420	S.CER ECJ0EB1A104K	B	81.7/53.6
C160	4030016790	S.CER ECJ0EB1C103K	B	65.7/104.4
C161	4030016790	S.CER ECJ0EB1C103K	B	62.7/98.9
C162	4030016930	S.CER ECJ0EB1A104K	B	81.7/67.1
C163	4030016930	S.CER ECJ0EB1A104K	B	81.7/58.6
C164	4030016930	S.CER ECJ0EB1A104K	B	49.5/36.8
C165	4030017460	S.CER ECJ0EB1E102K	B	81.7/66.2
C166	4030017460	S.CER ECJ0EB1E102K	B	81.7/57.7
C167	4030017460	S.CER ECJ0EB1E102K	B	97.3/45.4
C168	4030017380	S.CER ECJ0EC1H050B	B	32.6/124.3
C169	4030017620	S.CER ECJ0EC1H100C [USA-01]	B	30.8/124.4
	4030017620	S.CER ECJ0EC1H100C [EXP-01]		
	4030017570	S.CER ECJ0EC1H040B [USA-02]		
	4030017570	S.CER ECJ0EC1H040B [EXP-02]		
	4030017620	S.CER ECJ0EC1H100C [EUR-01]		
C170	4030017580	S.CER ECJ0EC1H060C	B	30.6/114.4
C171	4030017630	S.CER ECJ0EC1H120J [USA-01]	B	30.6/115.3
	4030017630	S.CER ECJ0EC1H120J [EXP-01]		
	4030017380	S.CER ECJ0EC1H050B [USA-02]		
	4030017380	S.CER ECJ0EC1H050B [EXP-02]		
	4030017630	S.CER ECJ0EC1H120J [EUR-01]		
C172	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	87.8/65.7
	4030017580	S.CER ECJ0EC1H060C [EXP-01]		
	4030017570	S.CER ECJ0EC1H040B [USA-02]		
	4030017570	S.CER ECJ0EC1H040B [EXP-02]		
	4030017580	S.CER ECJ0EC1H060C [EUR-01]		
C173	4030017630	S.CER ECJ0EC1H120J [USA-01]	B	86.5/65.3
	4030017620	S.CER ECJ0EC1H100C [USA-02]		
	4030017620	S.CER ECJ0EC1H100C [EXP-02]		
	4030017630	S.CER ECJ0EC1H120J [EUR-01]		
C174	4030017590	S.CER ECJ0EC1H070C [USA-01]	B	85.7/55
	4030017590	S.CER ECJ0EC1H070C [EXP-01]		
	4030017580	S.CER ECJ0EC1H060C [USA-02]		
	4030017580	S.CER ECJ0EC1H060C [EXP-02]		
	4030017590	S.CER ECJ0EC1H070C [EUR-01]		
C175	4030017390	S.CER ECJ0EC1H180J [USA-01]	B	85.7/55.9
	4030017390	S.CER ECJ0EC1H180J [EXP-01]		
	4030017590	S.CER ECJ0EC1H070C [USA-02]		
	4030017590	S.CER ECJ0EC1H070C [EXP-02]		
	4030017390	S.CER ECJ0EC1H180J [EUR-01]		
C176	4030018860	S.CER ECJ0EB0J105K	T	62.9/51
C177	4030017380	S.CER ECJ0EC1H050B [USA-01]	B	35.6/120.7
	4030017380	S.CER ECJ0EC1H050B [EXP-01]		
	4030017350	S.CER ECJ0EC1H020B [USA-02]		
	4030017350	S.CER ECJ0EC1H020B [EXP-02]		
	4030017380	S.CER ECJ0EC1H050B [EUR-01]		
C178	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	32/112.2
	4030017580	S.CER ECJ0EC1H060C [EXP-01]		
	4030017360	S.CER ECJ0EC1H030B [USA-02]		
	4030017360	S.CER ECJ0EC1H030B [EXP-02]		
	4030017580	S.CER ECJ0EC1H060C [EUR-01]		
C179	4030017420	S.CER ECJ0EC1H470J	T	14.9/129.1
C180	4030017600	S.CER ECJ0EC1H080C [USA-01]	B	91.5/62
	4030017600	S.CER ECJ0EC1H080C [EXP-01]		
	4030017570	S.CER ECJ0EC1H040B [USA-02]		
	4030017570	S.CER ECJ0EC1H040B [EXP-02]		
	4030017600	S.CER ECJ0EC1H080C [EUR-01]		
C181	4030017590	S.CER ECJ0EC1H070C [USA-01]	B	87.1/52.9
	4030017590	S.CER ECJ0EC1H070C [EXP-01]		
	4030017380	S.CER ECJ0EC1H050B [USA-02]		
	4030017380	S.CER ECJ0EC1H050B [EXP-02]		
	4030017590	S.CER ECJ0EC1H070C [EUR-01]		
C182	4030016790	S.CER ECJ0EB1C103K	B	63.1/104.4
C183	4030017420	S.CER ECJ0EC1H470J	T	14.9/131.3
C184	4030017620	S.CER ECJ0EC1H100C	B	34.9/124.3
C185	4030017630	S.CER ECJ0EC1H120J [USA-01]	B	35.4/115.3
	4030017630	S.CER ECJ0EC1H120J [EXP-01]		
	4030017610	S.CER ECJ0EC1H090C [USA-02]		
	4030017610	S.CER ECJ0EC1H090C [EXP-02]		
	4030017630	S.CER ECJ0EC1H120J [EUR-01]		
C186	4030017420	S.CER ECJ0EC1H470J	B	98.2/48.8
C187	4030017540	S.CER ECJ0EC1HR75B [USA-01]	B	89.4/66.8
	4030017540	S.CER ECJ0EC1HR75B [EXP-01]		
	4030017530	S.CER ECJ0EC1H0R5B [USA-02]		
	4030017530	S.CER ECJ0EC1H0R5B [EXP-02]		
	4030017540	S.CER ECJ0EC1HR75B [EUR-01]		
C188	4030017360	S.CER ECJ0EC1H030B	B	90.6/66.6
C189	4030017340	S.CER ECJ0EC1H010B	B	87/57.2
C190	4030017350	S.CER ECJ0EC1H020B [USA-01]	B	87/58.2
	4030017350	S.CER ECJ0EC1H020B [EXP-01]		
	4030017340	S.CER ECJ0EC1H010B [USA-02]		
	4030017340	S.CER ECJ0EC1H010B [EXP-02]		
	4030017350	S.CER ECJ0EC1H020B [EUR-01]		
C191	4030017380	S.CER ECJ0EC1H050B [USA-01]	B	89.4/65.7
	4030017380	S.CER ECJ0EC1H050B [EXP-01]		
	4030017640	S.CER ECJ0EC1H150J [USA-02]		
	4030017640	S.CER ECJ0EC1H150J [EXP-02]		
	4030017380	S.CER ECJ0EC1H050B [EUR-01]		
C192	4030017640	S.CER ECJ0EC1H150J [USA-01]	B	90.5/56.3
	4030017640	S.CER ECJ0EC1H150J [EXP-01]		
	4030017600	S.CER ECJ0EC1H080C [USA-02]		
	4030017600	S.CER ECJ0EC1H080C [EXP-02]		
	4030017640	S.CER ECJ0EC1H150J [EUR-01]		
C193	4030017460	S.CER ECJ0EB1E102K	B	61.4/107.1
C194	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	36.8/122.8
	4030017580	S.CER ECJ0EC1H060C [EXP-01]		

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C194	4030017600	S.CER ECJ0EC1H080C [USA-02]	B	36.8/122.8
	4030017600	S.CER ECJ0EC1H080C [EXP-02]		
	4030017580	S.CER ECJ0EC1H060C [EUR-01]		
C195	4030017630	S.CER ECJ0EC1H120J	B	40.1/120.7
C196	4030017620	S.CER ECJ0EC1H100C	B	37.6/114.4
C197	4030017640	S.CER ECJ0EC1H150J	B	41/112.2
C198	4030016790	S.CER ECJ0EB1C103K	B	60.5/107.1
C200	4030017570	S.CER ECJ0EC1H040B	B	92.4/64.3
C201	4030017620	S.CER ECJ0EC1H100C	B	96/62
C202	4030017610	S.CER ECJ0EC1H090C	B	93.1/55.4
C203	4030017390	S.CER ECJ0EC1H180J	B	96.3/52.9
C204	4550006250	S.TAN TEESVA 1A 106M8R	T	81.7/17
C205	4550006250	S.TAN TEESVA 1A 106M8R	T	85.1/17
C206	4550006250	S.TAN TEESVA 1A 106M8R	T	88.8/16.7
C208	4030017490	S.CER C1608 JB 1A 105K-T	T	80/16.6
C209	4030017490	S.CER C1608 JB 1A 105K-T	T	83.4/16.6
C210	4030017490	S.CER C1608 JB 1A 105K-T	T	86.9/16.3
C211	4030016930	S.CER ECJ0EB1A104K	B	38.3/120.7
C212	4030016790	S.CER ECJ0EB1C103K	B	39.2/112.2
C213	4030017660	S.CER ECJ0EC1H330J	B	68.5/106.1
C214	4030017460	S.CER ECJ0EB1E102K	B	66.8/107
C215	4030017530	S.CER ECJ0EC1H0R5B	B	41.9/120.7
C216	4030017520	S.CER ECJ0EC1H0R3B	B	42.6/115.7
C217	4030017460	S.CER ECJ0EB1E102K	B	39.2/120.7
C218	4030017460	S.CER ECJ0EB1E102K	B	40.1/112.2
C219	4030016790	S.CER ECJ0EB1C103K	B	94.2/62
C220	4030017530	S.CER ECJ0EC1H0R5B	B	98.2/61.3
C221	4030016790	S.CER ECJ0EB1C103K	B	94.5/52.9
C222	4030017530	S.CER ECJ0EC1H0R5B	B	98.2/57.1
C224	4030017460	S.CER ECJ0EB1E102K	B	95.1/62
C225	4030017460	S.CER ECJ0EB1E102K	B	95.4/52.9
C228	4030017490	S.CER C1608 JB 1A 105K-T	T	79.8/24.4
C229	4030017490	S.CER C1608 JB 1A 105K-T	T	83.3/24.4
C230	4030017490	S.CER C1608 JB 1A 105K-T	T	86.8/24.4
C231	4550005980	S.TAN TEESVA 1A 475M8R	T	81.6/25.6
C232	4550005980	S.TAN TEESVA 1A 475M8R	T	85.1/25.6
C233	4550005980	S.TAN TEESVA 1A 475M8R	T	88.5/25.6
C235	4030017030	S.CER ECJ0EB1A273K	T	41/55
C236	4030017730	S.CER ECJ0EB1E471K	B	100.5/55
C237	4030017460	S.CER ECJ0EB1E102K	B	100.5/60.4
C238	4030017730	S.CER ECJ0EB1E471K	B	44.9/112.6
C239	4030017460	S.CER ECJ0EB1E102K	B	44.9/118
C240	4510008540	S.ELE EEE1CA100SR	T	95.1/22.3
C241	4030017350	S.CER ECJ0EB1E020B	B	68.3/120.9
C242	4030016790	S.CER ECJ0EB1C103K	B	68.7/111.2
C243	4030017460	S.CER ECJ0EB1E102K	B	70.3/106.1
C244	4030016790	S.CER ECJ0EB1C103K	B	70.3/107
C245	4030017460	S.CER ECJ0EB1E102K	B	91.5/59.6
C246	4030017580	S.CER ECJ0EC1H060C	B	46.9/113.5
C247	4030017460	S.CER ECJ0EB1E102K	B	43.1/109.1
C248	4030017460	S.CER ECJ0EB1E102K	B	36/117.8
C249	4030017420	S.CER ECJ0EC1H470J	B	48.1/109.1
C250	4030017380	S.CER ECJ0EC1H050B	B	103.7/58.7
C251	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	102.6/55.9
	4030017580	S.CER ECJ0EC1H060C [EXP-01]		
	4030017600	S.CER ECJ0EC1H080C [USA-02]		
	4030017600	S.CER ECJ0EC1H080C [EXP-02]		
	4030017580	S.CER ECJ0EC1H060C [EUR-01]		
C252	4030017460	S.CER ECJ0EB1E102K	B	100.5/50
C253	4030017380	S.CER ECJ0EC1H050B	B	48/116.2
C254	4030017460	S.CER ECJ0EB1E102K	B	103.7/53.4
C255	4030016930	S.CER ECJ0EB1A104K	T	42.1/50.6
C256	4030017640	S.CER ECJ0EC1H150J	T	43.1/55
C257	4030016790	S.CER ECJ0EB1C103K	T	34.5/58.8
C258	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	59.6/117.8
	4030017580	S.CER ECJ0EC1H060C [EXP-01]		
	4030017620	S.CER ECJ0EC1H100C [USA-02]		
	4030017620	S.CER ECJ0EC1H100C [EXP-02]		
	4030017580	S.CER ECJ0EC1H060C [EUR-01]		
C259	4030017580	S.CER ECJ0EC1H060C	T	48.5/46.4
C260	4030017460	S.CER ECJ0EB1E102K	B	46.5/105.4
C262	4030016930	S.CER ECJ0EB1A104K	T	69.2/57.5
C263	4030017420	S.CER ECJ0EC1H470J	B	60.5/126.1
C264	4030017460	S.CER ECJ0EB1E102K	B	101.9/50
C265	4030017460	S.CER ECJ0EB1E102K	B	43.5/120.7
C266	4030018900	S.CER ECJ0EB0J474K	T	43.9/45.6
C267	4030017630	S.CER ECJ0EC1H120J [USA-01]	B	59.6/119.3
	4030017630	S.CER ECJ0EC1H120J [EXP-01]		
	4030017390	S.CER ECJ0EC1H180J [USA-02]		
	4030017390	S.CER ECJ0EC1H180J [EXP-02]		
	4030017630	S.CER ECJ0EC1H120J [EUR-01]		
C268	4030017420	S.CER ECJ0EC1H470J	B	62.3/126.1
C269	4550006780	S.TAN TEESVB2 0J 476M8R	T	71.8/60.8
C270	4030016930	S.CER ECJ0EB1A104K	T	40.5/49.7
C271	4030017350	S.CER ECJ0EC1H020B	B	68.1/137.9
C272	4030017630	S.CER ECJ0EC1H120J	T	47.3/60.1
C274	4030017460	S.CER ECJ0EB1E102K	B	44.4/120.7
C275	4030017620	S.CER ECJ0EC1H100C [USA-01]	B	48/124.4
	4030017620	S.CER ECJ0EC1H100C [EXP-01]		
	4030017580	S.CER ECJ0EC1H060C [USA-02]		
	4030017580	S.CER ECJ0EC1H060C [EXP-02]		
	4030017620	S.CER ECJ0EC1H100C [EUR-01]		
C276	4030017530	S.CER ECJ0EC1H0R5B [USA-01]	B	67.2/137.9
	4030017530	S.CER ECJ0EC1H0R5B [EXP-01]		
	4030017530	S.CER ECJ0EC1H0R5B [EUR-01]		
C277	4030016790	S.CER ECJ0EB1C103K		

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C282	4030017620	S.CER ECJ0EC1H100C [EXP-01]	B	61.4/122.2
	4030017580	S.CER ECJ0EC1H060C [USA-02]		
	4030017580	S.CER ECJ0EC1H060C [EXP-02]		
	4030017620	S.CER ECJ0EC1H100C [EUR-01]		
C283	4030017620	S.CER ECJ0EC1H100C	B	103.7/65.9
C285	4030017620	S.CER ECJ0EC1H100C [USA-01]	B	66.1/137.9
	4030017620	S.CER ECJ0EC1H100C [EXP-01]		
	4030017580	S.CER ECJ0EC1H060C [USA-02]		
	4030017580	S.CER ECJ0EC1H060C [EXP-02]		
	4030017620	S.CER ECJ0EC1H100C [EUR-01]		
C286	4030017530	S.CER ECJ0EC1H0R5B	B	64.5/139.2
C287	4030017350	S.CER ECJ0EC1H020B [USA-01]	B	61.8/134.7
	4030017350	S.CER ECJ0EC1H020B [EXP-01]		
	4030017550	S.CER ECJ0EC1H1R5B [USA-02]		
	4030017550	S.CER ECJ0EC1H1R5B [EXP-02]		
	4030017350	S.CER ECJ0EC1H020B [EUR-01]		
C291	4030017340	S.CER ECJ0EC1H010B [USA-01]	B	102.4/66.6
	4030017340	S.CER ECJ0EC1H010B [EXP-01]		
	4030017340	S.CER ECJ0EC1H010B [EUR-01]		
C292	4030017460	S.CER ECJ0EB1E102K	B	65/136.3
C293	4030017620	S.CER ECJ0EC1H100C [USA-01]	B	62.9/137.9
	4030017620	S.CER ECJ0EC1H100C [EXP-01]		
	4030017580	S.CER ECJ0EC1H060C [USA-02]		
	4030017580	S.CER ECJ0EC1H060C [EXP-02]		
	4030017620	S.CER ECJ0EC1H100C [EUR-01]		
C294	4030017530	S.CER ECJ0EC1H0R5B	B	58.3/138.5
C295	4030017460	S.CER ECJ0EB1E102K	B	65/134.7
C296	4030017620	S.CER ECJ0EC1H100C [USA-01]	B	56.1/138
	4030017620	S.CER ECJ0EC1H100C [EXP-01]		
	4030017580	S.CER ECJ0EC1H060C [USA-02]		
	4030017580	S.CER ECJ0EC1H060C [EXP-02]		
	4030017620	S.CER ECJ0EC1H100C [EUR-01]		
C298	4030017460	S.CER ECJ0EB1E102K	B	136.2/82.9
C299	4030017460	S.CER ECJ0EB1E102K	B	50.4/133.8
C300	4030017460	S.CER ECJ0EB1E102K	B	54.1/133.9
C301	4030016790	S.CER ECJ0EB1C103K	B	51.4/133.8
C302	4030017460	S.CER ECJ0EB1E102K	B	52/138.5
C303	4030017370	S.CER ECJ0EC1H3R5B	B	131.4/82.3
C304	4030017420	S.CER ECJ0EC1H470J	B	136.2/81.9
C305	4030017420	S.CER ECJ0EC1H470J	B	46.4/133.8
C306	4030017460	S.CER ECJ0EB1E102K	B	47.4/133.8
C307	4030017460	S.CER ECJ0EB1E102K	B	45.4/138.3
C309	4030017420	S.CER ECJ0EC1H470J	B	136.8/84.5
C310	4030017380	S.CER ECJ0EC1H050B [USA-01]	B	134.9/85.9
	4030017380	S.CER ECJ0EC1H050B [EXP-01]		
	4030017370	S.CER ECJ0EC1H3R5B [USA-02]		
	4030017370	S.CER ECJ0EC1H3R5B [EXP-02]		
	4030017380	S.CER ECJ0EC1H050B [EUR-01]		
C311	4030016930	S.CER ECJ0EB1A104K	B	45.4/140.4
C312	4030017420	S.CER ECJ0EC1H470J	B	50.4/140.4
C313	4030016930	S.CER ECJ0EB1A104K	B	46.4/140.4
C314	4030017460	S.CER ECJ0EB1E102K	B	49.4/140.4
C315	4030017730	S.CER ECJ0EB1E471K	B	137.8/84.5
C316	4030017570	S.CER ECJ0EC1H040B	B	130.4/80.9
C321	4030017420	S.CER ECJ0EC1H470J	T	66/57.5
C322	4030017420	S.CER ECJ0EC1H470J	T	67.6/54.3
C323	4030017620	S.CER ECJ0EC1H100C	B	44.4/137.7
C324	4030017530	S.CER ECJ0EC1H0R5B [USA-01]	B	134.9/88.3
	4030017530	S.CER ECJ0EC1H0R5B [EXP-01]		
	4030017520	S.CER ECJ0EC1H0R3B [USA-02]		
	4030017520	S.CER ECJ0EC1H0R3B [EXP-02]		
	4030017530	S.CER ECJ0EC1H0R5B [EUR-01]		
C326	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	39.3/138.2
	4030017580	S.CER ECJ0EC1H060C [EXP-01]		
	4030017590	S.CER ECJ0EC1H070C [USA-02]		
	4030017590	S.CER ECJ0EC1H070C [EXP-02]		
	4030017580	S.CER ECJ0EC1H060C [EUR-01]		
C327	4030017360	S.CER ECJ0EC1H030B [USA-01]	B	141.8/89.2
	4030017360	S.CER ECJ0EC1H030B [EXP-01]		
	4030017360	S.CER ECJ0EC1H030B [USA-02]		
	4030017360	S.CER ECJ0EC1H030B [EXP-02]		
	4030017350	S.CER ECJ0EC1H020B [EUR-01]		
C328	4030017420	S.CER ECJ0EC1H470J	B	140.9/85.4
C329	4030017410	S.CER ECJ0EC1H240J [USA-01]	B	38.4/133.5
	4030017410	S.CER ECJ0EC1H240J [EXP-01]		
	4030017390	S.CER ECJ0EC1H180J [USA-02]		
	4030017390	S.CER ECJ0EC1H180J [EXP-02]		
	4030017410	S.CER ECJ0EC1H240J [EUR-01]		
C330	4030017460	S.CER ECJ0EB1E102K	B	139.9/85.4
C331	4030017460	S.CER ECJ0EB1E102K	B	59.2/140.4
C332	4030018860	S.CER ECJ0EB0J105K	B	55/140.4
C333	4030016930	S.CER ECJ0EB1A104K	T	23.1/29.4
C335	4030017550	S.CER ECJ0EC1H1R5B	B	144/89.5
C336	4030018860	S.CER ECJ0EB0J105K	B	60.1/140.4
C337	4030017580	S.CER ECJ0EC1H060C	B	142.6/91.7
C338	4030017550	S.CER ECJ0EC1H1R5B	B	39.3/139.1
C339	4030017460	S.CER ECJ0EB1E102K	B	32.5/134
C340	4030016930	S.CER ECJ0EB1A104K	T	54/20.3
C341	4030017420	S.CER ECJ0EC1H470J	T	143.1/123.3
C342	4030017730	S.CER ECJ0EB1E471K	T	138.8/108
C345	4030017460	S.CER ECJ0EB1E102K	B	30.6/135.9
C346	4030017420	S.CER ECJ0EC1H470J	T	63.1/57.2
C347	4030017460	S.CER ECJ0EB1E102K	T	143.1/124.2
C348	4030017420	S.CER ECJ0EC1H470J	T	63.8/55.2
C349	4030017580	S.CER ECJ0EC1H060C	B	143.5/95.2
C350	4030017420	S.CER ECJ0EC1H470J	T	138.7/112.3
C351	4030017460	S.CER ECJ0EB1E102K	T	138.7/113.2
C352	4030017410	S.CER ECJ0EC1H240J [USA-01]	B	31.6/137.9
	4030017410	S.CER ECJ0EC1H240J [EXP-01]		
	4030017390	S.CER ECJ0EC1H180J [USA-02]		
	4030017390	S.CER ECJ0EC1H180J [EXP-02]		
	4030017410	S.CER ECJ0EC1H240J [EUR-01]		
C353	4030017460	S.CER ECJ0EB1E102K	T	140.4/118.8
C354	4030017420	S.CER ECJ0EC1H470J	T	106.6/115.9

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C355	4030017580	S.CER ECJ0EC1H060C [USA-01]	B	37.5/136.8
	4030017580	S.CER ECJ0EC1H060C [EXP-01]		
	4030017590	S.CER ECJ0EC1H070C [USA-02]		
	4030017590	S.CER ECJ0EC1H070C [EXP-02]		
	4030017580	S.CER ECJ0EC1H060C [EUR-01]		
C357	4030017630	S.CER ECJ0EC1H120J	B	39.3/140
C358	4030016790	S.CER ECJ0EB1C103K	T	137.5/128.2
C359	4510009550	S.ELE EEEFK1C100R	T	107.2/86.5
C360	4030017460	S.CER ECJ0EB1E102K	T	106.6/116.8
C361	4030011030	S.CER GRM31M4C2H1R5CY21L (GRM42-6 CK) [EUR-01] only	B	100.2/115.8
C362	4030017510	S.CER ECJ0EC1H680J	B	39.7/144.6
C364	40300011020	S.CER GRM31M4C2H1R0CY21L (GRM42-6 CK)	B	89.8/119.8
C365	4030017730	S.CER ECJ0EB1E471K	T	106.6/117.7
C366	4030016970	S.CER ECJ0EB1C223K	T	142.4/126.6
C367	4510009810	S.ELE EEEFK1E220R	T	107.3/95.1
C368	4030006860	S.CER C1608 JB 1H 102K-T	T	89.1/142
C369	4030017460	S.CER ECJ0EB1E102K	B	33.4/134
C370	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH)[USA-01]	B	100.2/123.1
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-01]		
	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH) [EUR-01]		
C371	4030006980	S.CER C1608 CH 1H 070D-T	T	35.5/142.5
C372	4030011100	S.CER GRM31M2C2H8R0DV01L (GRM42-6 CH)	B	100.2/121
C373	4030017780	S.CER ECJ0EB1E472K	T	136.7/123.8
C374	4030017420	S.CER ECJ0EC1H470J	B	85.2/129.8
C375	4030017460	S.CER ECJ0EB1E102K	T	113.1/95.2
C376	4030017350	S.CER ECJ0EC1H020B	B	86/138.8
C377	4030017420	S.CER ECJ0EC1H470J	B	84.2/119.4
C378	4030017420	S.CER ECJ0EC1H470J	T	112.2/95.2
C381	4030017400	S.CER ECJ0EC1H220J	T	111.3/95.2
C383	4030017460	S.CER ECJ0EB1E102K	T	114/78.2
C385	4030017460	S.CER ECJ0EB1E102K	B	22.8/142.4
C386	4030017460	S.CER ECJ0EB1E102K	T	139.2/119.6
C387	4030017600	S.CER ECJ0EC1H080C	B	89.7/137.9
C388	4510009550	S.ELE EEEFK1C100R	T	126.4/77.2
C389	4030017200	S.CER GRM31BR32J102KY01L (GHM1030 F)	B	96.8/130.4
C390	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH)	B	87.6/133.2
C391	4030017460	S.CER ECJ0EB1E102K	T	122.2/76
C392	4030017520	S.CER ECJ0EC1H0R3B	B	95.4/134.3
C393	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	98.4/126.8
C394	4550006250	S.TAN TEESVA 1A 106M8R	B	26.3/15.3
C395	40300011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	100.5/126.9
C396	4510009550	S.ELE EEEFK1C100R	T	97/77.8
C397	4030017460	S.CER ECJ0EB1E102K	T	137.4/118.5
C398	4550006250	S.TAN TEESVA 1A 106M8R	B	31.7/15.5
C399	4030017460	S.CER ECJ0EB1E102K	T	100/76.1
C400	4030017460	S.CER ECJ0EB1E102K	B	86.2/129.8
C401	4030011080	S.CER GRM31M2C2H6R0DV01L (GRM42-6 CH)	B	103.2/130.9
C402	4030016930	S.CER ECJ0EB1A104K	T	47.2/71.6
C403	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	106.2/130.9
C404	4030017460	S.CER ECJ0EB1E102K	T	140.7/129.2
C405	4030017420	S.CER ECJ0EC1H470J	B	56.7/55.3
C406	4030016790	S.CER ECJ0EB1C103K	T	103.5/76.2
C407	4030011030	S.CER GRM31M4C2H1R5CY21L (GRM42-6 CK)	B	102.6/137.2
C408	4030017460	S.CER ECJ0EB1E102K	B	98.1/138.5
C409	40300011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)	B	110.9/136
C410	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [USA-01]	B	113/134
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EXP-01]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [USA-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH) [EXP-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ) [EUR-01]		
C411	4550007650	S.TAN F931V105MAABMA	T	37.5/68.6
C412	4030017460	S.CER ECJ0EB1E102K	T	112.6/78.5
C413	4030016930	S.CER ECJ0EB1A104K	T	38.5/71.9
C414	4030017420	S.CER ECJ0EC1H470J	B	29.7/135.9
C415	4550007650	S.TAN F931V105MAABMA	T	37.5/63.4
C416	4550006250	S.TAN TEESVA 1A 106M8R	T	107.8/81.5
C417	4030016930	S.CER ECJ0EB1A104K	T	15/125.7
C418	4550007650	S.T		

## [MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C426	4030009530	S.CER C1608 CH 1H 030B-T [EXP-02]	B	120.8/139.5
	4030009540	S.CER C1608 CH 1H 1R5B-T [EUR-01]		
C431	4030018860	S.CER ECJ0EB0J105K	B	33.3/13.6
C432	4030016930	S.CER ECJ0EB1A104K	T	10.8/120.6
C433	4030006860	S.CER C1608 JB 1H 102K-T	B	139.5/137.7
C434	4030017460	S.CER ECJ0EB1E102K	B	140.5/131
C435	4030017460	S.CER ECJ0EB1E102K	T	54.8/29.8
C436	4030011050	S.CER GRM31M3C2H3R0CY21L [USA-01]	B	144.8/138.6
	4030011050	S.CER GRM31M3C2H3R0CY21L [EXP-01]		
	4030011050	S.CER GRM31M3C2H3R0CY21L [USA-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L [EXP-02]		
	4030011040	S.CER GRM31M4C2H2R0CY21L [EUR-01]		
C437	4030016930	S.CER ECJ0EB1A104K	B	34.4/12
C438	4030016790	S.CER ECJ0EB1C103K	T	112.8/88.2
C439	4510009810	S.ELE EEEFK1E220R	B	128.4/89.8
C440	4030018900	S.CER ECJ0EB0J474K	T	7.9/129.6
C441	4030017440	S.CER ECJ0EC1H221J	T	12/126.2
C442	4510008780	S.ELE EEE1EA471P	B	9.6/119.8
C443	4030017460	S.CER ECJ0EB1E102K	T	111.9/88.2
C444	4030011070	S.CER GRM31M2C2H5R0CY21L [USA-01]	B	147.1/148.9
	4030011070	S.CER GRM31M2C2H5R0CY21L [EXP-01]		
	4030011070	S.CER GRM31M2C2H5R0CY21L [USA-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L [EXP-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L [EUR-01]		
C446	4030017460	S.CER ECJ0EB1E102K	T	6.6/130.1
C448	4030017460	S.CER ECJ0EB1E102K	T	128.8/102.4
C449	4510008870	S.ELE EEE1AA471UP	B	8.9/139.2
C450	4030016930	S.CER ECJ0EB1A104K	T	7/125.3
C451	4030018860	S.CER ECJ0EB0J105K	T	8.6/125.3
C452	4030018860	S.CER ECJ0EB0J105K	T	72/98.2
C453	4030017460	S.CER ECJ0EB1E102K	T	130.8/103.6
C454	4030017430	S.CER ECJ0EC1H101J	B	46.3/56.9
C458	4030017460	S.CER ECJ0EB1E102K	T	114.8/95.7
C459	4030017460	S.CER ECJ0EB1E102K	T	116.3/119.1
C460	4030017460	S.CER ECJ0EB1E102K	B	9.6/147.3
C461	4030017420	S.CER ECJ0EC1H470J	T	114.8/94.8
C462	4030017420	S.CER ECJ0EC1H470J	T	115.3/119.1
C463	4030017420	S.CER ECJ0EC1H470J	B	9.6/146.4
C464	4510009680	S.ELE EEEFK1E421P	B	144.4/121.1
C465	4550006250	S.TAN TEESVA 1A 106M8R	T	102.7/92
C466	4030017420	S.CER ECJ0EC1H470J	T	99.9/88
C467	4030016930	S.CER ECJ0EB1A104K	T	62.3/58.5
C468	4030016930	S.CER ECJ0EB1A104K	T	61.7/56.9
C470	4030018860	S.CER ECJ0EB0J105K	T	7.4/122.3
C471	4030016790	S.CER ECJ0EB1C103K	T	7/124.4
C472	4030018860	S.CER ECJ0EB0J105K	T	10.9/117.7
C473	4030018860	S.CER ECJ0EB0J105K	T	5/118.9
C474	4030017780	S.CER ECJ0EB1E472K	T	115.3/17.6
C475	4510008120	S.ELE 16 CE 100 BS	T	125.1/12.1
C476	4510008120	S.ELE 16 CE 100 BS	T	125.1/19.3
C477	4030017780	S.CER ECJ0EB1E472K	T	119/12.3
C478	4030017780	S.CER ECJ0EB1E472K	T	115.3/12.2
C479	4510008120	S.ELE 16 CE 100 BS	T	104.8/14.3
C481	4030017460	S.CER ECJ0EB1E102K	B	63.2/122.2
C491	4030016930	S.CER ECJ0EB1A104K	T	60.4/60.1
C492	4030016930	S.CER ECJ0EB1A104K	B	13.5/32.6
C493	4510008870	S.ELE EEE1AA471UP	B	66.3/45.3
C494	4030016930	S.CER ECJ0EB1A104K	T	117.2/92.6
C495	4030016930	S.CER ECJ0EB1A104K	T	117.2/90.7
C496	4030016930	S.CER ECJ0EB1A104K	T	122.4/92.2
C497	4030016930	S.CER ECJ0EB1A104K	T	109.7/82
C498	4030016930	S.CER ECJ0EB1A104K	T	11.4/43.2
C501	4030017420	S.CER ECJ0EC1H470J	T	12.2/31.2
C502	4030017420	S.CER ECJ0EC1H470J	T	29.5/2.8
C503	4030017420	S.CER ECJ0EC1H470J	T	48/99.4
C506	4030016930	S.CER ECJ0EB1A104K	B	26.3/43.3
C507	4030016930	S.CER ECJ0EB1A104K	B	32.9/31
C508	4030016930	S.CER ECJ0EB1A104K	B	40.1/42.7
C509	4030016930	S.CER ECJ0EB1A104K	B	26.2/39
C510	4030016930	S.CER ECJ0EB1A104K	B	26.6/33
C511	4030016930	S.CER ECJ0EB1A104K	B	40.1/34.2
C512	4030017420	S.CER ECJ0EC1H470J	T	92/14.7
C513	4550006250	S.TAN TEESVA 1A 106M8R	B	8.4/59.8
C514	4030016930	S.CER ECJ0EB1A104K	B	11.7/53.5
C515	4030016930	S.CER ECJ0EB1A104K	B	15.5/54.4
C516	4030016930	S.CER ECJ0EB1A104K	B	65.1/69.6
C517	4030016930	S.CER ECJ0EB1A104K	B	15.6/63.1
C518	4030016930	S.CER ECJ0EB1A104K	B	12.4/62.4
C519	4030017460	S.CER ECJ0EB1E102K	B	15.6/59.9
C521	4030016930	S.CER ECJ0EB1A104K	B	18.1/53.6
C522	4030016930	S.CER ECJ0EB1A104K	T	51.2/31.8
C523	4030016930	S.CER ECJ0EB1A104K	T	51.2/33
C524	4030018910	S.CER C1608 JB 0J 475K-T	T	9.5/56
C525	4030018910	S.CER C1608 JB 0J 475K-T	B	25.8/58.3
C526	4030017730	S.CER ECJ0EB1E471K	B	29.8/57.9
C527	4030016790	S.CER ECJ0EB1C103K	B	26.1/50.3
C528	4030017670	S.CER ECJ0EC1H390J	B	37.4/120.7
C529	4030017630	S.CER ECJ0EC1H120J	B	38.3/112.2
C530	4030017420	S.CER ECJ0EC1H470J	T	60.4/62.3
C531	4030017670	S.CER ECJ0EC1H390J	B	93.3/62
C532	4030017670	S.CER ECJ0EC1H390J	B	93.6/52.9
C533	4510008120	S.ELE 16 CE 100 BS	T	125.1/26.4
C534	4030016790	S.CER ECJ0EB1C103K	T	118.5/26.7
C535	4030016790	S.CER ECJ0EB1C103K	B	67.4/101.6

## [MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C536	4030016790	S.CER ECJ0EB1C103K	B	65.7/98.3
C538	4030006860	S.CER C1608 JB 1H 102K-T	T	36.2/145.1
C539	4030017790	S.CER ECJ0EB1E682K	T	22.8/57
C540	4030017730	S.CER ECJ0EB1E471K	T	21.2/56.6
C541	4030016930	S.CER ECJ0EB1A104K	T	22.8/55.4
C542	4030017440	S.CER ECJ0EC1H221J	T	27.1/55
C543	4030016930	S.CER ECJ0EB1A104K	T	56.5/68.9
C544	4030017460	S.CER ECJ0EB1E102K	T	62.4/72.9
C545	4030011060	S.CER GRM31M2C2H4R0CY21L [USA-01]	T	97.6/106.8
	4030011060	S.CER GRM31M2C2H4R0CY21L [EXP-01]		
	4030011050	S.CER GRM31M3C2H3R0CY21L [USA-02]		
	4030011050	S.CER GRM31M3C2H3R0CY21L [EXP-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L [EUR-01]		
C546	4030018910	S.CER C1608 JB 0J 475K-T	B	40.4/56.7
C547	4030017760	S.CER ECJ0EB1H222K	T	53.7/72.1
C548	4030016930	S.CER ECJ0EB1A104K	T	14.1/120.6
C549	4030017420	S.CER ECJ0EC1H470J	T	23.1/86.8
C550	4030017420	S.CER ECJ0EC1H470J	T	70.1/82.6
C551	4030017330	S.CER ECJ0EF1C104Z	T	114.2/28.9
C552	4030016790	S.CER ECJ0EB1C103K	B	121.9/48.8
C553	4030016930	S.CER ECJ0EB1A104K	B	30.8/19.4
C555	4030016930	S.CER ECJ0EB1A104K	B	69.8/75.5
C556	4030016930	S.CER ECJ0EB1A104K	T	105.2/28.6
C557	4030016930	S.CER ECJ0EB1A104K	T	97/28.6
C558	4550006250	S.TAN TEESVA 1A 106M8R	T	95.1/27.9
C559	4550007080	S.TAN TEESVA 1C 106M8R	T	45.9/75.5
C562	4030017420	S.CER ECJ0EC1H470J	T	38.5/70.2
C563	4030016930	S.CER ECJ0EB1A104K	B	26.5/112.3
C564	4030017570	S.CER ECJ0EC1H040B	B	68.3/131.3
C565	4030017340	S.CER ECJ0EC1H010B	B	47.9/113.5
C566	4030018860	S.CER ECJ0EB0J105K	B	39/72.7
C571	4030017580	S.CER ECJ0EC1H060C	T	64.6/99.1
C572	4030017580	S.CER ECJ0EC1H060C	T	65.6/99.1
C573	4030017580	S.CER ECJ0EC1H060C	T	65.3/97.4
C574	4030017580	S.CER ECJ0EC1H060C	B	64/134.7
C575	4030017420	S.CER ECJ0EC1H470J	B	62.9/132.4
C576	4030017460	S.CER ECJ0EB1E102K	T	67.1/106.5
C577	4030017460	S.CER ECJ0EB1E102K	T	67.1/104.9
C578	4030017200	S.CER GRM31BR32J102KY01L (GHM1030 R)	T	92/126
C579	4550006250	S.TAN TEESVA 1A 106M8R	B	94.7/50.6
C580	4030017420	S.CER ECJ0EC1H470J	B	100.7/73.5
C581	4030018910	S.CER C1608 JB 0J 475K-T	B	46.3/60.9
C582	4030018910	S.CER C1608 JB 0J 475K-T	B	69.7/80.2
C583	4030016930	S.CER ECJ0EB1A104K	B	46.3/58.6
C584	4030016790	S.CER ECJ0EB1C103K	B	54.9/55.3
C585	4030016930	S.CER ECJ0EB1A104K	B	54.9/58.6
C586	4030017730	S.CER ECJ0EB1E471K	B	54.9/56.9
C587	4030016790	S.CER ECJ0EB1C103K	B	52.3/59.8
C588	4030018910	S.CER C1608 JB 0J 475K-T	T	70.9/98.2
C601	4030011060	S.CER GRM31M2C2H4R0CY21L [USA-01]	T	97.6/111.3
	4030011060	S.CER GRM31M2C2H4R0CY21L [EXP-01]		
	4030011060	S.CER GRM31M2C2H4R0CY21L [USA-02]		
	4030011060	S.CER GRM31M2C2H4R0CY21L [EXP-02]		
	4030011070	S.CER GRM31M2C2H5R0CY21L [EUR-01]		
C610	4030018080	S.CER ECJ0EB1H182K	T	63.3/69.6
C612	4030017460	S.CER ECJ0EB1E102K	B	55.7/29.9
C614	4030017730	S.CER ECJ0EB1E471K	B	29/13.2
C615	4030017650	S.CER ECJ0EC1H270J	B	63.2/117.5
C616	4030017460	S.CER ECJ0EB1E102K	T	93.8/64.6
C617	4030017420	S.CER ECJ0EC1H470J	T	60/64.8
C618	4030017420	S.CER ECJ0EC1H470J	T	64.9/53.3
C619	4030017420	S.CER ECJ0EC1H470J	T	74.2/107.7
C620	4030017420	S.CER ECJ0EC1H470J	T	73.7/96.8
C621	4030017420	S.CER ECJ0EC1H470J	T	31.5/2.8
C622	4030018910	S.CER C1608 JB 0J 475K-T	T	64.3/73.2
C623	4030017330	S.CER ECJ0EF1C104Z	B	126.8/16
C624	4030017330	S.CER ECJ0EF1C104Z	B	126.3/20.3
C625	4030017460	S.CER ECJ0EB1E102K	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23
C630	4030017420	S.CER ECJ0EC1H470J [EUR-01] only	T	106.4/106.8
C631	4030017580	S.CER ECJ0EC1H060C [EUR-01] only	T	113.5/108.3
C637	4510009680	S.ELE EEEFK1E471P	B	84.9/23.4
J1	6510026770	S.CON AXK540147YG	T	23.1/63.7
J2	6510023092	S.CON 20FLT-SM2-TB(LF)(SN)(M)	T	14.8/15.6
J4	6510023511	S.CON 28FLT-SM2-TB(LF)(SN)	T	70.8/102
J5	6510023110	S.CON 3008L		

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
W2	7120000470	JUM ERDS2T0		
W4	8900017520	CAB OPC-1783		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	30.4/60.5
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.8/39.3
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
IC500	1130009121	S.IC S1D15206F00A200	B	69.4/35.9
IC501	1110005771	S.IC S-80942CNMC-G9CT2G	B	105.3/24
IC502	1140014580	S.IC UPD78F1153GK-GAK-AX (FX3063C-1)	B	101.3/38.7
IC503	1110005350	S.IC NJM2870F05-TE1-#FZZB	B	47.2/30.5
IC506	1140013200	S.IC CD4053BPWWR	B	39.1/31.7
IC508	1110002751	S.IC TA75S01F(TE85R,F)	B	143/18
IC509	1110006770	S.IC TDA8547TS/N	B	28.4/55.8
Q500	1590001050	S.TRA DTC114TUA T106	B	148.4/41.4
Q501	1590001050	S.TRA DTC114TUA T106	B	161.8/34.6
Q502	1590001050	S.TRA DTC114TUA T106	B	161.8/41.4
Q503	1590001050	S.TRA DTC114TUA T106	B	148.4/34.6
Q504	1590001050	S.TRA DTC114TUA T106	B	91.4/45.6
Q506	1590001190	S.TRA XP6501-(TX).AB	B	32.9/48.1
Q508	1520000460	S.TRA 2SB1132 T100 R	B	36.9/52.6
Q510	1590001050	S.TRA DTC114TUA T106	B	152.9/53.2
Q511	1590001050	S.TRA DTC114TUA T106	B	166.2/53
Q513	1590001060	S.TRA DTA114TUA T106	B	168.7/53
Q514	1590001060	S.TRA DTA114TUA T106	B	160.1/49.6
Q515	1590001060	S.TRA DTA114TUA T106	B	155.3/53.2
Q516	1590001060	S.TRA DTA114TUA T106	B	145.3/49.9
Q517	1590001050	S.TRA DTC114TUA T106	B	160.1/46.9
Q518	1590001050	S.TRA DTC114TUA T106	B	145.3/47
D503	1790001260	S.DIO MA2S077-(TX) [USA-01]	B	112.3/33.9
	1790001261	S.DIO MA2S077-(TX) [EXP-01]		
	1790001261	S.DIO MA2S077G0L [CHN-02]		
	1790001260	S.DIO MA2S077-(TX) [USA-02]		
	1790001260	S.DIO MA2S077-(TX) [EXP-02]		
	1790001260	S.DIO MA2S077-(TX) [EUR-01]		
D504	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	95/45.8
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D505	1790001450	S.DIO RB160L-40 TE-25	B	41.8/26.6
D506	1790001450	S.DIO RB160L-40 TE-25	B	63.2/6.6
D507	1790000950	S.ZEN MA8056-M(TX) [USA-01]	B	160.8/29.9
	1790000950	S.ZEN MA8056-M(TX) [EXP-01]		
	1790000951	S.ZEN MAZ8056GML [CHN-02]		
	1790000950	S.ZEN MA8056-M(TX) [USA-02]		
	1790000950	S.ZEN MA8056-M(TX) [EXP-02]		
	1790000950	S.ZEN MA8056-M(TX) [EUR-01]		
D508	1750000370	S.DIO DA221 TL	B	153.2/27.7
D509	1750000370	S.DIO DA221 TL	B	166.4/28.1
D510	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	43.2/51.5
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D511	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	115.8/44.9
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D512	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	65.3/10.2
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
D513	1790001250	S.DIO MA2S111-(TX) [USA-01]	B	36.3/24.4
	1790001250	S.DIO MA2S111-(TX) [EXP-01]		
	1790001251	S.DIO MA2S1110GL [CHN-02]		
	1790001250	S.DIO MA2S111-(TX) [USA-02]		
	1790001250	S.DIO MA2S111-(TX) [EXP-02]		
	1790001250	S.DIO MA2S111-(TX) [EUR-01]		
X501	6050012680	S.XTA CR-858(SMD-49/18.432 MHz) <JJE>	B	113.1/28.2
L500	6200002861	S.COI NLV25T-4R7J	B	106/17.9
L501	6200003640	S.COI MLF1608E 100K-T	B	161.5/17.9
L502	6200002861	S.COI NLV25T-4R7J	B	85.9/39.3
R500	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	83.5/43.7
R501	7030003810	S.RES ERJ3GEYJ 125 V (1.2M)	B	87.4/47.5
R506	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	157.7/36.3
R507	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	167.9/44.3
R508	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	167.9/37.7
R509	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	155.4/44.5
R510	7030005530	S.RES ERJ2GEJ 100 X (10)	B	106.8/30.5
R511	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	105.8/30.5
R512	7510001730	S.THE ERTJOEP 473J	B	103.1/48.9
R513	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	102.2/49.8
R514	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	113.1/32.2
R515	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	112.3/35.9
R516	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	103.2/26.4
R517	7030008010	S.RES ERJ2GEJ 123 X (12K)	B	110.3/33
R518	7410001140	S.ARR EXB28V104JX	B	106.9/47.1
R519	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	105.4/48.4
R520	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	96.1/30.7
R523	7030005710	S.RES ERJ2GEJ 121 X (120)	B	114.1/37.6
R524	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	104.4/48.4

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R525	7030005710	S.RES ERJ2GEJ 121 X (120)	B	113.2/37.6
R526	7030005710	S.RES ERJ2GEJ 121 X (120)	B	112.3/37.6
R532	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	33.2/45.5
R533	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	31.2/47.7
R534	7030008290	S.RES ERJ2GEJ 183 X (18K)	B	32.2/45.7
R536	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	158.7/30.8
R538	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	155.7/29.3
R539	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	27.6/51.1
R540	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	26.6/49.9
R541	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	139.1/31.9
R542	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	26.1/51.1
R543	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	137.3/31.5
R544	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	164.9/29.3
R545	7030004980	S.RES ERJ2GEJ 101 X (100)	B	140.3/19.9
R546	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	164.8/27.7
R547	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	155.7/27.7
R548	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	159.8/28
R549	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	32/51.3
R551	7210003050	VAR EVU-F2KFK3 B14 (10KB)		
R552	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	142.3/20.3
R553	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	144.6/20.1
R554	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	32.6/53.4
R556	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	161.1/19
R557	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	29.2/51.3
R558	7030008370	S.RES ERJ2GEJ 561 X (560)	B	169.1/51.1
R559	7030008370	S.RES ERJ2GEJ 561 X (560)	B	155.7/51
R560	7030010040	S.RES ERJ2GEJ-JPW	B	139.4/17.1
R562	7030003720	S.RES ERJ3GEYJ 224 V (220K)	B	86.2/43.7
R563	7030003720	S.RES ERJ3GEYJ 224 V (220K)	B	88.2/44.9
R564	7030009320	S.RES ERJ2GEJ 4R7 X (4.7K)	B	153/19.8
R566	7030008370	S.RES ERJ2GEJ 561 X (560)	B	161.9/49.1
R567	7030008370	S.RES ERJ2GEJ 561 X (560)	B	148.3/49.9
R568	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	87.4/16.9
R570	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	103/24.8
R571	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	45.8/51.5
R572	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.2/50.3
R573	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.3/33
R574	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	108.3/32.1
R575	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	34.7/24.6
R576	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	62.6/12.8
C500	4030016930	S.CER ECJ0EB1A104K	B	79.3/47.9
C501	4030016930	S.CER ECJ0EB1A104K	B	80.8/47.4
C502	4030016930	S.CER ECJ0EB1A104K	B	80.8/46.5
C503	4030016930	S.CER ECJ0EB1A104K	B	80.4/45.3
C504	4030016930	S.CER ECJ0EB1A104K	B	81.3/45.3
C505	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/41
C506	4030017460	S.CER ECJ0EB1E102K	B	83.9/39.8
C507	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/39.5
C508	4030017730	S.CER ECJ0EB1E471K	B	146.4/41.2
C509	4030017730	S.CER ECJ0EB1E471K	B	159.8/34.4
C510	4030017730	S.CER ECJ0EB1E471K	B	159.9/41.2
C511	4030017730	S.CER ECJ0EB1E471K	B	146.4/34.4
C512	4030017030	S.CER ECJ0EB1A273K	B	104.7/21.7
C513	4030017630	S.CER ECJ0EC1H120J	B	106.4/29.3
C514	4030017420	S.CER ECJ0EC1H470J	B	157.7/44.5
C515	4030016790	S.CER ECJ0EB1C103K	B	103.5/50.2
C516	4030017580	S.CER ECJ0EC1H060C	B	113.1/31.3
C517	4030016930	S.CER ECJ0EB1A104K	B	102.2/50.7
C518	4030016790	S.CER ECJ0EB1C103K	B	113.3/35.1
C519	4030017640	S.CER ECJ0EC1H150J	B	111.3/31.8
C520	4030016930	S.CER ECJ0EB1A104K	B	105.1/27.1
C521	4030018900	S.CER ECJ0EB0J474K	B	104.9/30
C522	4550006480	S.TAN TEESVA 1C 475M8R	B	46.7/33.2
C523	4030017330	S.CER ECJ0EF1C104Z	B	44.9/31
C524	4030016790	S.CER ECJ0EB1C103K	B	49.9/29.5
C525	4550006250	S.TAN TEESVA 1A 106M8R	B	49/27.7
C526	4030016930	S.CER ECJ0EB1A104K	B	48.9/26.1
C527	4030016930	S.CER ECJ0EB1A104K	B	34.3/30
C530	4030017460	S.CER ECJ0EB1E102K	B	34.5/55.4
C531	4550006250	S.TAN TEESVA 1A 106M8R	B	106.6/20.2
C532	4030017460	S.CER ECJ0EB1E102K	B	31.3/45.7
C533	4030017460	S.CER ECJ0EB1E102K	B	45.3/27
C534	4030016930	S.CER ECJ0EB1A104K	B	62.1/14.2
C535	4030016930	S.CER ECJ0EB1A104K	B	30.7/49
C536	4030017460	S.CER ECJ0EB1E102K	B	161/28.5
C537	4030017460	S.CER ECJ0EB1E102K	B	33.6/53.4
C538	4030018860	S.CER ECJ0EB0J105K	B	26.6/49
C539	4030017420	S.CER ECJ0EC1H470J	B	154.8/27.7
C540	4510008590	S.ELE EEE1AA101SP	B	36.9/59.4
C541	4030017330	S.CER ECJ0EF1C104Z	B	150.1/20
C542	4030017460	S.CER ECJ0EB1E102K	B	139.3/19.9
C544	4550006250	S.TAN TEESVA 1A 106M8R	B	29.7/60.8
C545	4030017420	S.CER ECJ0EC1H470J	B	168.1/28.1
C546	4030017420	S.CER ECJ0EC1H470J	B	137.3/32.4
C547	4030017420	S.CER ECJ0EC1H470J	B	134.2/32.4
C548	4030017460	S.CER ECJ0EB1E102K	B	161/27.5
C549	4030017460	S.CER ECJ0EB1E102K	B	44.1/47.4
C551	4030017420	S.CER ECJ0EC1H470J	B	158.1/19.3
C553	4030017420	S.CER ECJ0EC1H470J	B	140.6/17.6
C555	4030018860	S.CER ECJ0EB0J105K	B	148.5/17.9
C556	4030016790	S.CER ECJ0EB1C103K	B	143.1/23.6
C558	4550006480	S.TAN TEESVA 1C 475M8R	B	143.5/22
C559	4030017730	S.CER ECJ0EB1E471K	B	166.3/51.1
C560	4030017730	S.CER ECJ0EB1E471K	B	153.1/51.1
C561	4030017730	S.CER ECJ0EB1E471K	B	161.9/46.9
C562	4030017730	S.CER ECJ0EB1E471K	B	147.4/46.6
C563	4030016930	S.CER ECJ0EB1A104K	B	105.1/28
C564	4030016930	S.CER ECJ0EB1A104K	B	103.2/29
C565	4030016930	S.CER ECJ0EB1A104K	B	44/29.8
C566	4030017460	S.CER ECJ0EB1E102K	B	42.8/49.5
C567	4030016930	S.CER ECJ0EB1A104K	B	42.8/50.4
C568	4030017460	S.CER ECJ0EB1E102K	B	67.3/6.6

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C569	4550006250	S.TAN TEESVA 1A 106M8R	B	89.6/40.7
C573	4030016930	S.CER ECJ0EB1A104K	B	34.7/23.7
C574	4030016930	S.CER ECJ0EB1A104K	B	62.6/11.9
C575	4510009020	S.ELE EEE0JA331P	B	106/11.4
J501	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	26.9/27.5
J502	6510019121	S.CON S8B-PH-SM4-TB(LF)(SN)	B	52.9/15.1
J503	6450002210	CON 3017-8821 <KIN>		
J504	6510014961	S.CON B2B-ZR-SM4-TF(LF)(SN)	B	18.4/57
DS500	5030002811	LCD L4-0013TVVY-2		
DS501	5040002710	LED EMPG3338S		
DS502	5040002720	LED EMVR3338S		
DS503	5040002710	LED EMPG3338S		
DS504	5040002720	LED EMVR3338S		
DS505	5040002310	S.LED SML-311YTT86	T	111.2/43.2
DS506	5040002310	S.LED SML-311YTT86	T	101.3/43.2
DS507	5040002310	S.LED SML-311YTT86	T	91.3/43.2
DS508	5040002310	S.LED SML-311YTT86	T	81.2/43.1
DS509	5040002310	S.LED SML-311YTT86	T	71.3/43.2
DS510	5040002310	S.LED SML-311YTT86	T	61.3/43.2
DS511	5040002150	LED VRPG3349S-734		
DS512	5040002150	LED VRPG3349S-734		
S506	2250000511	ENC RH70N1037E20-13F-2781		
SP501	2510001221	SPE C052SB500-14		
W501	8900011800	CAB OPC-1199		
W502	8900017540	CAB OPC-1785		
EP501	8930065150	LCD SRCN-2781-SP-N-W (SHJ)		
EP503	6910019600	SPA LM-5		
EP504	6910019610	SPA LM-7 (SPACER)		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

**[CONNECT UNIT]**

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C601	4030017420	S.CER ECJ0EC1H470J	T	13.8/12.4
C602	4030017400	S.CER ECJ0EC1H220J	T	12.2/12.4
C603	4030017420	S.CER ECJ0EC1H470J	T	16.5/12.4
C604	4030017400	S.CER ECJ0EC1H220J	T	15/14.2
C605	4030017420	S.CER ECJ0EC1H470J	T	17.8/13.9
C606	4030017420	S.CER ECJ0EC1H470J	T	19.4/12.4
C607	4030017420	S.CER ECJ0EC1H470J	T	20.5/13.9
C608	4030017420	S.CER ECJ0EC1H470J	T	22.6/12.4
C609	4030017420	S.CER ECJ0EC1H470J	T	25.5/12.4
C610	4030017420	S.CER ECJ0EC1H470J	T	29.7/12.8
C611	4030017420	S.CER ECJ0EC1H470J	T	31/14.1
C612	4030017420	S.CER ECJ0EC1H470J	T	32.4/12.8
C613	4030017420	S.CER ECJ0EC1H470J	T	33.5/14.1
C614	4030017420	S.CER ECJ0EC1H470J	T	35.2/14.1
C615	4030017420	S.CER ECJ0EC1H470J	T	35.7/12.8
C616	4030017420	S.CER ECJ0EC1H470J	B	35.2/15.6
C617	4030017420	S.CER ECJ0EC1H470J	T	37.5/13.5
C618	4030017420	S.CER ECJ0EC1H470J	T	39.3/12.2
C619	4030017420	S.CER ECJ0EC1H470J	T	39.9/13.4
C620	4030017420	S.CER ECJ0EC1H470J	T	41.3/12.6
C621	4030017420	S.CER ECJ0EC1H470J	T	27.4/13.9
J601	6510026290	S.CON IMSA-9631S-28Y921	B	22.8/16.2
J602	6510023210	CON CD6125SA1J0 <CVI>		
S1	2260003070	S.SWI MINISMDC150F/24-2	B	38.9/18
W601	8900017500	CAB OPC-1852 (P0.5,N28,L90) <TJM>		

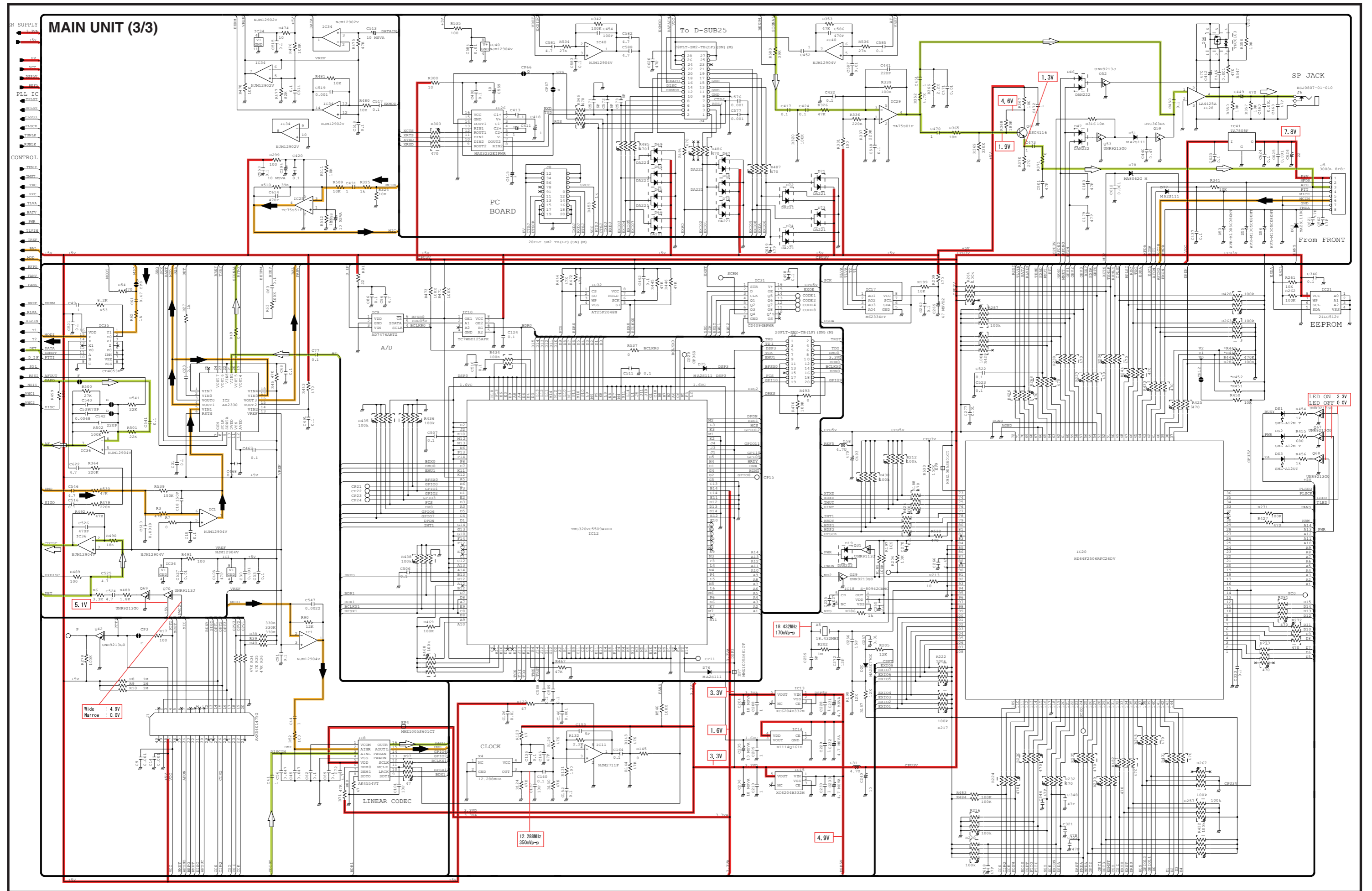
M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount











\*; Refer to "PARTS LIST".

Dec. 2008



# SERVICE MANUAL ADDENDUM

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## IC-FR6000 IC-FR6100

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### CONTENTS

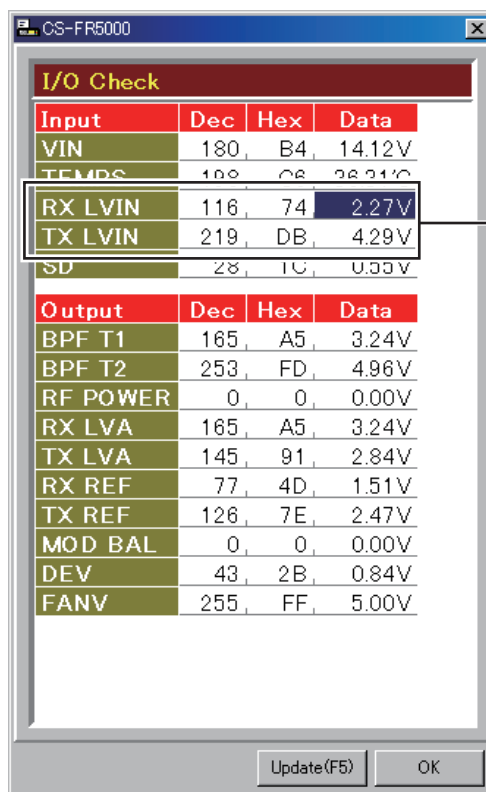
REPLACEMENT PAGE .....	6-6
PARTS LIST .....	1
VOLTAGE DIAGRAM .....	7

### 6-2 FREQUENCY ADJUSTMENT

- 1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.
- 2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
PLL LOCK VOLTAGE -Preparation-	1	-	[LV (RX L)] [LV (RX H)] [LV (TX L)] [LV (TX H)]	36 [0.70V] (for each item)
-Adjust-RX (Band low)	2	• CH. : 1-1 • Receiving	[RX LVA L]	(Automatic adjustment)
RX (Band high)	3	• CH. : 1-2 • Receiving	[RX LVA H]	
TX (Band low)	4	• CH. : 1-1 • Transmitting	[TX LVA L]	
TX (Band high)	5	• CH. : 1-2 • Transmitting	[TX LVA H]	
LOCK VOLTAGE VERIFY	1	• CH. : 1-3 • Receiving	[RX LIVIN] (I/O Check window)	3.0–4.3 V (Verify)
RX (Band low)				
RX (Band high)	2	• CH. : 1-4 • Receiving		3.0–4.0 V (Verify)
TX (Band low)	3	• CH. : 1-3 • Transmitting	[TX LIVIN] (I/O Check window)	2.7–4.2 V (Verify)
TX (Band high)	4	• CH. : 1-4 • Transmitting		
TX FREQUENCY	1	-	[TX Mode]	"1"
	2	• CH. : 1-5 • Transmitting	[TX REF]	469.9000 MHz [Low band] 519.9000 MHz [High band]

• I/O CHECK WINDOW



Lock voltage verify

## PARTS LIST

## [FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
IC500	1130009121	S.IC S1D15206F00A200	B	69.4/35.9
IC501	1110005771	S.IC S-80942CNMC-G9CT2G	B	105.3/24
IC502	1140014250	S.IC uPD78F1153GK-GAK	B	101.3/38.7
IC503	1110005350	S.IC NJM2870F05-TE1	B	47.2/30.5
IC506	1140013200	S.IC CD4053BPPWR	B	39.1/31.7
IC508	1130008561	S.IC TC75SS1F (TE85L,F)	B	143/18
IC509	1110006770	S.IC TDA8547TS/N	B	28.4/55.8
Q500	1590001050	S.TR DTC114TUA T106	B	148.4/41.4
Q501	1590001050	S.TR DTC114TUA T106	B	161.8/34.6
Q502	1590001050	S.TR DTC114TUA T106	B	161.8/41.4
Q503	1590001050	S.TR DTC114TUA T106	B	148.4/34.6
Q504	1590001050	S.TR DTC114TUA T106	B	91.4/45.6
Q506	1590001190	S.TR XP6501-(TX).AB	B	32.9/48.1
Q508	1520000460	S.TR 2SB1132 T100 R	B	36.9/52.6
Q510	1590001050	S.TR DTC114TUA T106	B	152.8/53.2
Q511	1590001050	S.TR DTC114TUA T106	B	166.2/53
Q513	1590001060	S.TR DTA114TUA T106	B	168.7/53
Q514	1590001060	S.TR DTA114TUA T106	B	160.1/49.6
Q515	1590001060	S.TR DTA114TUA T106	B	155.3/53.2
Q516	1590001060	S.TR DTA114TUA T106	B	145.3/49.9
Q517	1590001050	S.TR DTC114TUA T106	B	160.1/46.9
Q518	1590001050	S.TR DTC114TUA T106	B	145.3/47
D503	1790001260	S.DIO MA2S077G0-(TX)	B	112.3/33.9
D504	1790001250	S.DIO MA2S1110G-(TX)	B	95/45.8
D505	1790001450	S.DIO RB160L-40 TE-25	B	41.8/26.6
D506	1790001450	S.DIO RB160L-40 TE-25	B	63.2/6.6
D507	1790000950	S.ZEN MA8056GM (TX)	B	160.8/29.9
D508	1750000370	S.DIO DA221 TL	B	153.2/27.7
D509	1750000370	S.DIO DA221 TL	B	166.4/28.1
D510	1790001250	S.DIO MA2S1110G-(TX)	B	43.2/51.5
D511	1790001250	S.DIO MA2S1110G-(TX)	B	115.8/44.9
X501	6050012680	S.XTL CR-858 (SMD-49/18.432 MHz)	B	113.1/28.2
L500	6200002861	S.COL NLV25T-4R7J	B	106/17.9
L501	6200003640	S.COL MLF1608E 100K-T	B	161.5/17.9
L502	6200002861	S.COL NLV25T-4R7J	B	85.9/39.3
R500	7030003810	S.RES ERJ3GEYJ 125 V (1.2 M)	B	83.5/43.7
R501	7030003810	S.RES ERJ3GEYJ 125 V (1.2 M)	B	87.4/47.5
R506	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	157.7/36.3
R507	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	B	167.9/44.3
R508	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	167.9/37.7
R509	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	B	155.4/44.5
R510	7030005530	S.RES ERJ2GEJ 100 X (10)	B	106.8/30.5
R511	7030005160	S.RES ERJ2GEJ 105 X (1 M)	B	105.8/30.5
R512	7510001730	S.TMR ERTJ0EP 47J	B	103.1/48.9
R513	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	102.2/49.8
R514	7030008010	S.RES ERJ2GEJ 123 X (12 k)	B	113.1/32.2
R515	7030008010	S.RES ERJ2GEJ 123 X (12 k)	B	112.3/35.9
R516	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	103.2/26.4
R517	7030008010	S.RES ERJ2GEJ 123 X (12 k)	B	110.3/33
R518	7410001140	S.ARY EXB28V104JX	B	106.9/47.1
R519	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	105.4/48.4
R520	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	96.1/30.7
R523	7030005710	S.RES ERJ2GEJ 121 X (120)	B	114.1/37.6
R524	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	104.4/48.4
R525	7030005710	S.RES ERJ2GEJ 121 X (120)	B	113.2/37.6
R526	7030005710	S.RES ERJ2GEJ 121 X (120)	B	112.3/37.6
R532	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	33.2/45.5
R533	7030009140	S.RES ERJ2GEJ 272 X (2.7 k)	B	31.2/47.7
R534	7030008290	S.RES ERJ2GEJ 183 X (18 k)	B	32.2/45.7
R536	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	158.7/30.8
R538	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	155.7/29.3
R539	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	B	27.6/51.1
R540	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	B	26.6/49.9
R541	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	139.1/31.9
R542	7030005080	S.RES ERJ2GEJ 823 X (82 k)	B	26.1/51.1
R543	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	137.3/31.5
R544	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	164.9/29.3
R545	7030004980	S.RES ERJ2GEJ 101 X (100)	B	140.3/19.9
R546	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	164.8/27.2
R547	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	155.7/27.7
R548	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	159.8/28
R549	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	B	32/51.3
R551	7210003050	VAR EVU-F2KFK3 B14 (10KB)	B	
R552	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	142.3/20.3
R553	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	144.6/20.1
R554	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	32.6/53.4
R556	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	161.1/19
R557	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	B	29.2/51.3
R558	7030008370	S.RES ERJ2GEJ 561 X (560)	B	169.1/51.1
R559	7030008370	S.RES ERJ2GEJ 561 X (560)	B	155.7/51
R560	7030010040	S.RES ERJ2GEJ-JPW	B	139.4/17.1
R562	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	B	86.2/43.7
R563	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	B	88.2/44.9
R564	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	153/19.8
R566	7030008370	S.RES ERJ2GEJ 561 X (560)	B	161.9/49.1
R567	7030008370	S.RES ERJ2GEJ 561 X (560)	B	148.3/49.9
R568	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	87.4/16.9
R570	7030005220	S.RES ERJ2GEJ 223 X (22 k)	B	103/24.8

## [FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R571	7030005070	S.RES ERJ2GEJ 683 X (68 k)	B	45.8/51.5
R572	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	46.2/50.3
R573	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	108.3/33
R574	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	108.3/32.1
R575	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	34.7/24.6
R576	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	62.6/12.8
C500	4030016930	S.CER ECJ0EB1A104K	B	79.3/47.9
C501	4030016930	S.CER ECJ0EB1A104K	B	80.8/47.4
C502	4030016930	S.CER ECJ0EB1A104K	B	80.8/46.5
C503	4030016930	S.CER ECJ0EB1A104K	B	80.4/45.3
C504	4030016930	S.CER ECJ0EB1A104K	B	81.3/45.3
C505	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/41
C506	4030017460	S.CER ECJ0EB1E102K	B	83.9/39.8
C507	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/39.5
C508	4030017730	S.CER ECJ0EB1E471K	B	146.4/41.2
C509	4030017730	S.CER ECJ0EB1E471K	B	159.8/34.4
C510	4030017730	S.CER ECJ0EB1E471K	B	159.9/41.2
C511	4030017730	S.CER ECJ0EB1E471K	B	146.4/34.4
C512	4030017030	S.CER ECJ0EB1A273K	B	104.7/21.7
C513	4030017630	S.CER ECJ0EC1H120J	B	106.4/29.3
C514	4030017420	S.CER ECJ0EC1H470J	B	157.7/44.5
C515	4030016790	S.CER ECJ0EB1C103K	B	103.5/50.2
C516	4030017580	S.CER ECJ0EC1H060C	B	113.1/31.3
C517	4030016930	S.CER ECJ0EB1A104K	B	102.2/50.7
C518	4030016790	S.CER ECJ0EB1C103K	B	113.3/35.1
C519	4030017640	S.CER ECJ0EC1H150J	B	111.3/31.8
C520	4030016930	S.CER ECJ0EB1A104K	B	105.1/27.1
C521	4030018900	S.CER ECJ0EB0J474K	B	104.9/30
C522	4550006480	S.TAN TEESVA 1C 475M8R	B	46.7/33.2
C523	4030017330	S.CER ECJ0EF1C104Z	B	44.9/31
C524	4030016790	S.CER ECJ0EB1C103K	B	49.9/29.5
C525	4550006250	S.TAN TEESVA 1A 106M8R	B	49/27.7
C526	4030016930	S.CER ECJ0EB1A104K	B	48.9/26.1
C527	4030016930	S.CER ECJ0EB1A104K	B	34.3/30
C530	4030017460	S.CER ECJ0EB1E102K	B	34.5/55.4
C531	4550006250	S.TAN TEESVA 1A 106M8R	B	106.6/20.2
C532	4030017460	S.CER ECJ0EB1E102K	B	31.3/45.7
C533	4030017460	S.CER ECJ0EB1E102K	B	45.3/27
C534	4030016930	S.CER ECJ0EB1A104K	B	62.1/14.2
C535	4030016930	S.CER ECJ0EB1A104K	B	30.7/49
C536	4030017460	S.CER ECJ0EB1E102K	B	161/28.5
C537	4030017460	S.CER ECJ0EB1E102K	B	33.6/53.4
C538	4030018860	S.CER ECJ0EB0J105K	B	26.6/49
C539	4030017420	S.CER ECJ0EC1H470J	B	154.8/27.7
C540	4510008590	S.ELF EEE1AA101SP	B	36.9/59.4
C541	4030017330	S.CER ECJ0EF1C104Z	B	150.1/20
C542	4030017460	S.CER ECJ0EB1E102K	B	139.3/19.9
C544	4550006250	S.TAN TEESVA 1A 106M8R	B	29.7/60.8
C545	4030017420	S.CER ECJ0EC1H470J	B	168.1/28.1
C546	4030017420	S.CER ECJ0EC1H470J	B	137.3/32.4
C547	4030017420	S.CER ECJ0EC1H470J	B	134.2/32.4
C548	4030017460	S.CER ECJ0EB1E102K	B	161/27.5
C549	4030017460	S.CER ECJ0EB1E102K	B	44.1/47.4
C551	4030017420	S.CER ECJ0EC1H470J	B	158.1/19.3
C553	4030017420	S.CER ECJ0EC1H470J	B	140.6/17.6
C555	4030018860	S.CER ECJ0EB0J105K	B	148.5/17.9
C556	4030016790	S.CER ECJ0EB1C103K	B	143.1/23.6
C558	4550006480	S.TAN TEESVA 1C 475M8R	B	143.5/22
C559	4030017730	S.CER ECJ0EB1E471K	B	166.3/51.1
C560	4030017730	S.CER ECJ0EB1E471K	B	153.1/51.1
C561	4030017730	S.CER ECJ0EB1E471K	B	161.9/46.9
C562	4030017730	S.CER ECJ0EB1E471K	B	147.4/46.6
C563	4030016930	S.CER ECJ0EB1A104K	B	105.1/28
C564	4030016930	S.CER ECJ0EB1A104K	B	103.2/28
C565	4030016930	S.CER ECJ0EB1A104K	B	44/29.9
C566	4030017460	S.CER ECJ0EB1E102K	B	42.8/49.5
C567	4030016930	S.CER ECJ0EB1A104K	B	42.8/50.4
C568	4030017460	S.CER ECJ0EB1E102K	B	67.3/6.6
C569	4550006250	S.TAN TEESVA 1A 106M8R	B	89.6/40.7
C573	4030016930	S.CER ECJ0EB1A104K	B	34.7/23.7
C574	4030016930	S.CER ECJ0EB1A104K	B	62.6/11.9
J501	6510019121	S.CNR S8B-PH-SM4-TB (LF) (SN)	B	26.9/27.5
J502	6510019121	S.CNR S8B-PH-SM4-TB (LF) (SN)	B	52.9/15.1
J503	6450002210	CNR 3017-8821 <KIN>	B	
J504	6510014961	S.CNR B2B-ZR-SM4-TF (LF) (SN)	B	18.4/57
J505	6510019421	S.CNR B8B-ZR-SM4-TF (LF) (SN)	B	89.5/20.4
DS500	5030002811	LCD L4-0013TVY-2	T	
DS501	5040002710	LED EMPG3338S	T	
DS502	5040002720	LED EMVR3338S	T	
DS503	5040002710	LED EMPG3338S	T	
DS504	5040002720	LED EMVR3338S	T	
DS505	5040002310	S.LED SML-311YTT86	T	111.2/43.2
DS506	5040002310	S.LED SML-311YTT86	T	101.3/43.2
DS507	5040002310	S.LED SML-311YTT86	T	91.3/43.2
DS508	5040002310	S.LED SML-311YTT86	T	81.2/43.1
DS509	5040002310	S.LED SML-311YTT86	T	71.3/43.2
DS510	5040002310	S.LED SML-311YTT86	T	61.3/43.2
DS511	5040002150	LED VRPG3349S-734	T	
DS512	5040002150	LED VRPG3349S-734	T	
S506	2250000511	ECR RH70N1037E20-13F-2781	B	

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
SP501	2510001221	SP C052SB500-14		
W501	8900011800	CBL OPC-1199		
W502	8900017540	CBL OPC-1785		
EP501	8930065150	LCT SRCN-2781-SP-N-W		
EP503	6910019600	SCR LM-5		
EP504	6910019610	SCR LM-7 (SPACER)		

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	B	58.7/56.1
IC3	1130010100	S.IC LMX2352TMX/NOPB	T	120.2/43.9
IC4	1130010100	S.IC LMX2352TMX/NOPB	B	28/78.8
IC5	1110003491	S.IC TA31136FNG (D,EL)	B	70.4/82.5
IC7	1110007280	S.IC NJM2716F-TE1	B	56.8/46.4
IC8	1130012910	S.IC AK4554VTP-E2/P	B	36.2/59.9
IC9	1190002080	S.IC AD7476ARTZ-500RL7	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK (T5L,F)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1	B	53.1/35
IC12	1140013290	S.IC TMS320VC5509AZHH	B	33.3/37.8
IC13	1180002590	S.REG XC6204B332MR	T	80.9/21.3
IC14	1180003270	S.REG R1114Q161D-TR-F	T	84.4/21.4
IC15	1180002590	S.REG XC6204B332MR	T	87.8/21.3
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.2/52.8
IC20	1140013520	S.IC HD64F2506FC26DV	T	33.5/37.6
IC21	1140012950	S.IC 24LC512T-I/SM	T	59.1/21.8
IC22	1150002092	IC RA30H4047M-121 [FR6100]		
	1150002211	IC RA55H4047M-121		
		[USA-01], [EXP-01]		
	1150002221	IC RA55H4452M-121		
		[USA-02], [EXP-02]		
IC23	1110002751	S.IC TA75S01F (TE85R,F)	T	139.3/125.6
IC25	1130008561	S.IC TC75S51F (TE85L,F)	B	29/16.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.7/70
IC27	1180001251	S.IC TA7808F (TE16L,Q)	T	116.6/84.1
IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F (TE85R,F)	T	12/123.1
IC30	1110003390	S.IC AN8005M-(E1)	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.1/45.2
IC32	1130013360	S.IC AT25F2048N-10SU-2.7SL383	B	8.9/36.1
IC34	1110005340	S.IC NJM12902V-TE1	B	12.2/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.2
IC36	1110005330	S.IC NJM12904V-TE1	B	27.8/55.4
IC37	1120002830	S.IC NJM2125F-TE1	T	56.6/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180001071	S.IC TA7805F (TE16L,Q)	T	101.2/24.3
IC40	1110005330	S.IC NJM12904V-TE1	B	50.6/57.2
IC41	1180001251	S.IC TA7808F (TE16L,Q)	B	132/16.7
Q1	1590003230	S.TR UNR9113G0-(TX)	B	53.4/79.7
Q2	1530002851	S.TR 2SC4116-BL (TE85R,F)	B	34.9/77.7
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Q4	1560000541	S.FET 2SK880-Y (T5RICOM,F)	B	88.8/41.5
Q5	1560000541	S.FET 2SK880-Y (T5RICOM,F)	B	33.3/107.5
Q6	1560000541	S.FET 2SK880-Y (T5RICOM,F)	B	29.6/101.3
Q7	1530002601	S.TR 2SC4215-O (TE85R,F)	B	72.9/92.5
Q8	1560000541	S.FET 2SK880-Y (T5RICOM,F)	B	92.7/47.7
Q9	1560001360	S.FET 2SK3019 TL	B	39.5/104.5
Q10	1530002851	S.TR 2SC4116-BL (TE85R,F)	B	88.8/44.6
Q11	1530002851	S.TR 2SC4116-BL (TE85R,F)	B	29.6/104.4
Q12	1590003230	S.TR UNR9113G0-(TX)	B	65.6/101.6
Q13	1530002851	S.TR 2SC4116-BL (TE85R,F)	B	88.8/47.7
Q14	1530002851	S.TR 2SC4116-BL (TE85R,F)	B	29.6/107.5
Q15	1530002851	S.TR 2SC4116-BL (TE85R,F)	B	92.7/44.6
Q16	1530002851	S.TR 2SC4116-BL (TE85R,F)	B	33.3/104.5
Q19	1530002601	S.TR 2SC4215-O (TE85R,F)	B	63.2/106.8
Q20	1530002920	S.TR 2SC4226-T1 R25	B	38.8/123.1
Q21	1530002920	S.TR 2SC4226-T1 R25	B	39.6/114.5
Q22	1530002920	S.TR 2SC4226-T1 R25	B	94.6/64.3
Q23	1530002920	S.TR 2SC4226-T1 R25	B	95.2/55.4
Q24	1530003311	S.TR 2SC5107-O (TE85R,F)	B	100.5/58.6
Q25	1530003311	S.TR 2SC5107-O (TE85R,F)	B	44.9/116.2
Q26	1590001400	S.TR XP1214 (TX)	B	40.5/117.8
Q27	1590001400	S.TR XP1214 (TX)	B	96/59.6
Q28	1590003290	S.TR UNR9213G0-(TX)	B	93.3/59.6
Q29	1590003290	S.TR UNR9213G0-(TX)	T	57.2/41.9
Q30	1590003290	S.TR UNR9213G0-(TX)	B	37.8/117.8
Q31	1590003230	S.TR UNR9113G0-(TX)	T	57.2/39.8
Q32	1530003980	S.TR 2SC5700WB-TR-E	B	46.5/109.1
Q33	1530003980	S.TR 2SC5700WB-TR-E	B	102.1/53.4
Q34	1530003311	S.TR 2SC5107-O (TE85R,F)	B	46.2/123.1
Q35	1530003311	S.TR 2SC5107-O (TE85R,F)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293 (TE85L,F)	B	47.3/136.1
Q37	1530003311	S.TR 2SC5107-O (TE85R,F)	B	132.5/84.5
Q38	1530002680	S.TR 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829 (TE85R,F)	B	53.2/140.8
Q40	1590001190	S.TR XP6501-(TX) .AB	T	101.6/87.4
Q41	1520000460	S.TR 2SB1132 T100 R	T	101.6/82.8
Q42	1590003290	S.TR UNR9213G0-(TX)	T	13.3/67.6
Q43	1590003290	S.TR UNR9213G0-(TX)	T	138.8/122.9
Q44	1590003290	S.TR UNR9213G0-(TX)	T	122.8/79.2
Q45	1540000550	S.TR 2SD1664 T100Q	T	117/76.3
Q46	1530002851	S.TR 2SC4116-BL (TE85R,F)	T	137.4/120.3
Q48	1510000920	S.TR 2SA1577 T106 Q	T	101.5/77.8
Q49	1590003290	S.TR UNR9213G0-(TX)	T	102.2/73.7
Q52	1590003290	S.TR UNR9213G0-(TX)	T	10.9/131.6
Q53	1590003290	S.TR UNR9213G0-(TX)	T	10.9/129.6
Q56	1590003321	S.FET TPC6103 (TE85L,F)	T	7.6/132.6
Q57	1550000100	S.FET 2SJ506S-E (TE16L1,NQ)	T	125.2/99.6
Q58	1590003290	S.TR UNR9213G0-(TX)	T	130.2/102.1
Q59	1590000990	S.TR DTC363EK T146	T	7.6/127.6
Q61	1530002851	S.TR 2SC4116-BL (TE85R,F)	T	6.8/118.4
Q62	1540000441	S.TR 2SD1619T-TD-E	T	118.4/18.5
Q63	1560000990	S.FET PMBFJ310	B	66.3/110
Q64	1560000990	S.FET PMBFJ310	B	63.3/110
Q65	1530003311	S.TR 2SC5107-O (TE85R,F)	B	59.6/123.7
Q66	1590003290	S.TR UNR9213G0-(TX)	B	94.9/4.7
Q67	1590003290	S.TR UNR9213G0-(TX)	B	124.9/4.7
Q68	1590003290	S.TR UNR9213G0-(TX)	B	109.9/4.7
Q69	1590003290	S.TR UNR9213G0-(TX)	T	9.5/53.3
Q70	1590003230	S.TR UNR9113G0-(TX)	T	9.5/51

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
D1	1750001070	S.DIO DAN235ETL	B	57.3/78.6
D2	1750001070	S.DIO DAN235ETL	B	50/79.7
D3	1790001621	S.DIO 1SV308 (TFL3,F)	B	70.3/93.4
D4	1790001621	S.DIO 1SV308 (TFL3,F)	B	67.8/93.4
D7	1750001150	S.VCP HVC383BTRF-E	B	30.8/122.3
D8	1750001150	S.VCP HVC383BTRF-E	B	30.6/112.7
D9	1750001150	S.VCP HVC383BTRF-E	B	85.6/63.5
D10	1750001150	S.VCP HVC383BTRF-E	B	85.7/53.3
D11	1790001621	S.DIO 1SV308 (TFL3,F)	B	63.5/103.1
D12	1790001621	S.DIO 1SV308 (TFL3,F)	B	62.7/101.1
D13	1750000711	S.VCP HVC350BTRF-E	B	87.3/66.8
D14	1750000711	S.VCP HVC350BTRF-E	B	87.1/55.4
D15	1750000711	S.VCP HVC350BTRF-E	B	32.6/125.4
D16	1750000711	S.VCP HVC350BTRF-E	B	32/114.5
D17	1720000570	S.VCP MA368 (TX)	B	94.6/66.6
D18	1720000570	S.VCP MA368 (TX)	B	91.4/57.7
D19	1750000520	S.DIO DAN222TL	T	59.6/39.8
D20	1790001260	S.DIO MA25077G0-(TX)	T	38.9/57.8
D21	1750000711	S.VCP HVC350BTRF-E	B	66.1/135.8
D22	1750000711	S.VCP HVC350BTRF-E	B	62.9/135.8
D24	1750000711	S.VCP HVC350BTRF-E	B	56.1/135.9
D27	1790001250	S.DIO MA251110G-(TX)	B	57.2/140.4
D28	1750000711	S.VCP HVC350BTRF-E	B	35.9/134.4
D29	1750000711	S.VCP HVC350BTRF-E	B	37.1/134.4
D31	1750000711	S.VCP HVC350BTRF-E	B	32.4/136.5
D32	1750000711	S.VCP HVC350BTRF-E	B	32.4/135.3
D33	1790001240	S.DIO MA257280G-(TX)	B	37.8/144.2
D34	1790001260	S.DIO MA25077G0-(TX)	B	85.4/137.8
D38	1750001360	S.DIO L709CER (9401)	B	87.8/135.6
D40	1750000370	S.DIO DA221 TL	T	112.6/77
D44	1710001061	DIO L407CDB		
D45	1790001211	S.DIO 1SS375-TL-E	B	96.3/138.1
D46	1750000520	S.DIO DAN222TL	T	13.3/131.1
D47	1750000520	S.DIO DAN222TL	T	13.2/129.1
D48	1790000660	S.DIO MA728 (TX)	B	121.1/142.5
D49	1790000660	S.DIO MA728 (TX)	B	140.6/133
D51	1790001250	S.DIO MA251110G-(TX)	T	10.5/127.1
D53	1790001810	S.VSR AVR-M1005C080MTABB	T	32.5/11.5
D55	1790001810	S.VSR AVR-M1005C080MTABB	T	30.5/11.5
D56	1790001810	S.VSR AVR-M1005C080MTABB	B	33.2/22.1
D59	1790000700	DIO DSA3A1		
D61	1160000070	S.DIO DAN202K T146	T	118.4/14.3
D62	1750000431	S.DIO HSB88WSTR-E	B	68.3/123.3
D63	1790001250	S.DIO MA251110G-(TX)	B	34.1/20.7
D64	1750000370	S.DIO DA221 TL	T	63.2/93.9
D65	1750000370	S.DIO DA221 TL	T	65.2/93.9
D66	1750000370	S.DIO DA221 TL	T	67.2/93.9
D67	1750000370	S.DIO DA221 TL	T	62.5/105.6
D68	1750000370	S.DIO DA221 TL	T	60.5/104.7
D69	1750000370	S.DIO DA221 TL	T	69.2/93.9
D70	1750000370	S.DIO DA221 TL	T	71.2/93.9
D71	1750000370	S.DIO DA221 TL	T	69.4/109.5
D72	1750000370	S.DIO DA221 TL	T	71.5/109.5
D73	1750000370	S.DIO DA221 TL	T	73.5/109.5
D74	1750000370	S.DIO DA221 TL	T	75.6/109.5
D75	1790001250	S.DIO MA251110G-(TX)	B	41/38.6
D76	1790001250	S.DIO MA251110G-(TX)	B	26.4/41.3
D77	1790001250	S.DIO MA251110G-(TX)	B	49.2/29.9
D78	1730002360	S.ZEN MA8062GM (TX)	B	52.3/29.9
F11	2020001520	CER CFWLA450KFFA-B0		
F12	2020001460	CER CFWLA450KFFA-B0		
F13	2030000500	S.MLH FL-401 (46.35 MHz)	B	72/101
F14	2030000670	S.MLH FL-420 (46.35 MHz)	B	63.4/91.1
F15	2040001440	S.LC NFE31PT152Z1E9L	T	114.2/110.3
F16	2040001440	S.LC NFE31PT152Z1E9L	T	114.2/113.4
F17	2040001440	S.LC NFE31PT152Z1E9L	T	114.2/116.5
X1	6050012380	S.XTL CR-826 (15.3 MHz)	B	128.6/45.3
X2	6050012380	S.XTL CR-826 (15.3 MHz)	B	35.6/72.3
X3	6070000300	S.DCR JTBM450CX24	B	63.5/83.5
X4	6050012350	S.XTL CR-817 (12.288 MHz)	B	52.8/38.2
X5	6050012680	S.XTL CR-858 (SMD-49/18.432 MHz)	T	46.9/52.7
L1	6200004660	S.COL MLF1608A 1R8K-T	B	115.6/39.2
L2	6200004660	S.COL MLF1608A 1R8K-T	B	23.6/82.4
L3	6200004480	S.COL MLF1608D R82K-T	B	39.4/79.3
L4	6200003540	S.COL MLF1608D R22K-T	B	36.9/76.9
L5	6200005671	S.COL ELJRE 12NGFA	B	102.7/46.7
L6	6200005671	S.COL ELJRE 12NGFA	B	44.6/99.3
L8	6200004741	S.COL NLV25T-1R2J	B	28.5/121.7
L9	6200004741	S.COL NLV25T-1R2J	B	28.5/124.9
L10	6200004741	S.COL NLV25T-1R2J	B	28.5/114.1
L11	6200004741	S.COL NLV25T-1R2J	B	83.7/63.1
L12	6200004741	S.COL NLV25T-1R2J	B	83.7/54.6
L13	6200004741	S.COL NLV25T-1R2J	B	30.6/117.2
L14	6200004741	S.COL NLV25T-1R2J	B	84.2/66.2
L15	6200004741	S.COL NLV25T-1R2J	B	84.2/57.7
L18	6200009260	S.COL C3328A-5N0J-A	B	88.7/63.1
L19	6200009260	S.COL C3328A-5N0J-A	B	89.8/54
L20	6200009390	S.COL C3328A-8N0J-A	B	33.2/121.7
L21	6200009390	S.COL C3328A-8N0J-A	B	34.7/113.1
L22	6200003550	S.COL MLF1608A 4R7K-T	B	73.4/109.9
L23	6200002861	S.COL NLV25T-4R7J	B	57.6/108.9
L24	6200010740	S.COL C2520C-R27G-A	B	70/109.1
L25	6200004741	S.COL NLV25T-1R2J	B	97.1/64.6
L26	6200004741	S.COL NLV25T-1R2J	B	98.1/53.9
L27	6130002961	S.COL #617DB-1327=P3	B	68.3/117
L28	6200005711	S.COL ELJRE 27NGFA	B	62.3/123.6
L29	6200005721	S.COL ELJRE 33NGFA	B	102.6/58.6
L30	6200005721	S.COL ELJRE 33NGFA	B	46.9/116.2

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
L31	6200002861	S.COL NLV25T-4R7J	T	91.1/19.9
L32	6130002961	S.COL #617DB-1327=P3	B	68.3/128.7
L33	6200005671	S.COL ELJRE 12NGFA	B	47.3/107.1
L34	6200005711	S.COL ELJRE 27NGFA	B	61.1/117.5
L35	6200005671	S.COL ELJRE 12NGFA	B	102.7/51.6
L36	6200005711	S.COL ELJRE 27NGFA	B	44.3/123.1
L37	6200005711	S.COL ELJRE 27NGFA	B	61.1/120.1
L38	6200005711	S.COL ELJRE 27NGFA	B	100/64.4
L39	6200009320	S.COL C3328A-12NG-A	[USA-01]	B 70.8/137.3
	6200010280	S.COL C3328A-14NG-A	[EXP-01], [USA-02], [EXP-02], [FR6100]	B 70.8/137.3
L40	6200009320	S.COL C3328A-12NG-A	[USA-01]	B 59.5/135.7
	6200010280	S.COL C3328A-14NG-A	[EXP-01], [USA-02], [EXP-02], [FR6100]	B 59.5/135.7
L41	6200009320	S.COL C3328A-12NG-A	[USA-01]	B 51.4/136.3
	6200010280	S.COL C3328A-14NG-A	[EXP-01], [USA-02], [EXP-02], [FR6100]	B 51.4/136.3
L42	6200005711	S.COL ELJRE 27NGFA	B	134.7/83.8
L43	6200005711	S.COL ELJRE 27NGFA	B	142/87.1
L44	6200010290	S.COL C6328A-22NG-A	B	41.9/136.2
L45	6200005641	S.COL ELJRE 6N8ZFA	B	142.7/90.6
L46	6200005691	S.COL ELJRE 18NGFA	B	142/94.6
L47	6200010290	S.COL C6328A-22NG-A	B	34.8/140.3
L48	6200010100	S.COL C2012C-33NG-A	B	39.7/142.2
L49	6200010040	S.COL AS100340-10N	B	95.5/119.7
L50	6200005691	S.COL ELJRE 18NGFA	B	88/137.7
L52	6200010420	S.COL FHW1210HC 1R0JGT	B	86.6/122.3
L53	6200010150	S.COL AS080340-15N	B	92.5/134.3
L54	6200010150	S.COL AS080340-15N	B	99.7/133.8
L55	6200010150	S.COL AS080340-15N	B	107.5/135.8
L56	6200010150	S.COL AS080340-15N	B	114.4/138.9
L57	6200010150	S.COL AS080340-15N	B	144.6/142.1
L58	6200002861	S.COL NLV25T-4R7J	T	55.4/37.5
L59	6200010420	S.COL FHW1210HC 1R0JGT	B	147.1/146.2
L60	6200010420	S.COL FHW1210HC 1R0JGT	B	24.5/145
L61	6200002961	S.COL NLV32T-4R7J	T	118.4/23.8
L65	6200004741	S.COL NLV25T-1R2J	B	41.3/123.3
L66	6200004741	S.COL NLV25T-1R2J	B	42.8/113.5
R1	7030005700	S.RES ERJ2GEJ 274 X (270 k)	T	54.5/63.5
R2	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	59/61.8
R3	7030005240	S.RES ERJ2GEJ 473 X (47 k)	T	62.4/69.6
R4	7030007340	S.RES ERJ2GEJ 153 X (15 k)	B	57.3/80.1
R6	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	T	9.5/57.1
R7	7030010040	S.RES ERJ2GEJ-JPW	T	61.6/66.3
R8	7030005160	S.RES ERJ2GEJ 105 X (1 M)	T	24.9/70.4
R9	7030005160	S.RES ERJ2GEJ 105 X (1 M)	T	25.8/70.4
R10	7030005160	S.RES ERJ2GEJ 105 X (1 M)	T	26.7/70.4
R12	7510001730	S.TMR ERTJOEP 473J	B	129.1/49.3
R13	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	130.8/49.3
R15	7030007340	S.RES ERJ2GEJ 153 X (15 k)	B	54.5/78.3
R17	7030004980	S.RES ERJ2GEJ 101 X (100)	T	19.8/68.8
R18	7030007340	S.RES ERJ2GEJ 153 X (15 k)	B	55.3/79.2
R20	7030008300	S.RES ERJ2GEJ 184 X (180 k)	T	56.2/63.5
R22	7410001130	S.ARY EXB28V102JX	B	122.6/39
R23	7410001130	S.ARY EXB28V102JX	B	23.1/76.3
R25	7030004970	S.RES ERJ2GEJ 473 X (47)	B	65.3/79.4
R26	7030010040	S.RES ERJ2GEJ-JPW	T	57.8/64.5
R27	7030005120	S.RES ERJ2GEJ 102 X (1 k)	T	57.8/51
R29	7030007570	S.RES ERJ2GEJ 122 X (1.2 k)	B	35.8/75.5
R30	7030007340	S.RES ERJ2GEJ 153 X (15 k)	B	52.8/81.1
R32	7030007340	S.RES ERJ2GEJ 153 X (15 k)	B	51.2/78.3
R33	7030007340	S.RES ERJ2GEJ 153 X (15 k)	B	48.4/78.2
R34	7030005240	S.RES ERJ2GEJ 473 X (47 k)	T	27.1/68.1
R35	7030005240	S.RES ERJ2GEJ 473 X (47 k)	T	28/68.1
R36	7030005240	S.RES ERJ2GEJ 473 X (47 k)	T	28.9/68.1
R38	7030005230	S.RES ERJ2GEJ 334 X (330 k)	T	27.6/70.4
R39	7030005230	S.RES ERJ2GEJ 334 X (330 k)	T	28.6/70.4
R40	7030005230	S.RES ERJ2GEJ 334 X (330 k)	T	29.5/70.4
R41	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	68.2/78.2
R42	7030007060	S.RES ERJ2GEJ 684X (680 k)	B	34.6/75.9
R43	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	62.8/77.3
R44	7030005030	S.RES ERJ2GEJ 152 X (1.5 k)	B	71.4/78.2
R45	7030004970	S.RES ERJ2GEJ 470 X (47)	B	64.6/75.5
R46	7030005000	S.RES ERJ2GEJ 471 X (470)	T	52.7/57.1
R47	7030005290	S.RES ERJ2GEJ 682 X (6.8 k)	B	64.6/76.4
R48	7030005030	S.RES ERJ2GEJ 152 X (1.5 k)	B	62.8/76.4
R49	7030010040	S.RES ERJ2GEJ-JPW	T	55.2/57
R52	7030004980	S.RES ERJ2GEJ 101 X (100)	B	34.1/56.4
R53	7030005210	S.RES ERJ2GEJ 822 X (8.2 k)	B	16.8/57.6
R54	7030005000	S.RES ERJ2GEJ 471 X (470)	B	19.4/64.3
R56	7030004970	S.RES ERJ2GEJ 470 X (47)	B	121.9/50.4
R57	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	B	62.8/75.5
R58	7030008290	S.RES ERJ2GEJ 183 X (18 k)	B	56.5/49
R59	7030008290	S.RES ERJ2GEJ 183 X (18 k)	B	57.4/49
R60	7030005000	S.RES ERJ2GEJ 471 X (470)	B	33.1/75.2
R62	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	18.5/62.5
R63	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	55.5/60
R65	7030005000	S.RES ERJ2GEJ 471 X (470)	B	125.1/47.3
R66	7030004980	S.RES ERJ2GEJ 101 X (100)	B	56.5/50.6
R68	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	B	67.5/86.7
R69	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	32.7/83
R71	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	31/62.6
R72	7030004980	S.RES ERJ2GEJ 101 X (100)	B	57.6/44.2
R75	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	39.9/71.1
R76	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	91/41.5
R77	7030005580	S.RES ERJ2GEJ 560 X (56)		



[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R85	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	36.9/105.6
R87	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	73.7/81.1
R88	7030005530	S.RES ERJ2GEJ 100 X (10)	B	39/71.1
R89	7030008400	S.RES ERJ2GEJ 182 X (1.8 k)	B	67.1/83.2
R90	7030008010	S.RES ERJ2GEJ 123 X (12 k)	T	54.5/73.3
R91	7030007570	S.RES ERJ2GEJ 122 X (1.2 k)	B	94.5/45.4
R92	7030005290	S.RES ERJ2GEJ 682 X (6.8 k)	B	86.7/41.5
R93	7030007570	S.RES ERJ2GEJ 122 X (1.2 k)	B	35.1/105.6
R94	7030005290	S.RES ERJ2GEJ 682 X (6.8 k)	B	28/98.3
R97	7410001170	S.ARY EXB28V470JX	B	42.9/49.9
R98	7030005530	S.RES ERJ2GEJ 100 X (10)	B	70.7/90.4
R99	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	70.7/91.3
R100	7030005600	S.RES ERJ2GEJ 273 X (27 k)	B	69.1/92.3
R101	7030004980	S.RES ERJ2GEJ 101 X (100)	B	86.7/43.7
R102	7030004980	S.RES ERJ2GEJ 101 X (100)	B	31.5/105.6
R103	7030004980	S.RES ERJ2GEJ 101 X (100)	B	27.8/103.9
R104	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	86.7/45.4
R105	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	31.5/109
R106	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	27.8/105.6
R107	7030004980	S.RES ERJ2GEJ 101 X (100)	B	90.8/45.4
R108	7030005030	S.RES ERJ2GEJ 152 X (1.5 k)	B	90.8/43.7
R109	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	65.7/100.1
R110	7030005810	S.RES RR0510P-152-D (1.5 k)	B	31.5/103.9
R111	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	37.8/105.6
R112	7030005220	S.RES ERJ2GEJ 223 X (22 k)	B	86.7/47.1
R113	7030005220	S.RES ERJ2GEJ 223 X (22 k)	B	67.8/107.3
R114	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	B	29.4/94.8
R115	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	B	66.8/96.2
R116	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	90.8/48.8
R117	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	90.8/47.1
R118	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.8/94.8
R119	7030007270	S.RES ERJ2GEJ 151 X (150)	B	67.2/90
R120	7030005800	S.RES RR0510P-102-D (1 k)	B	31.5/107.3
R121	7030009820	S.RES RR0510P-681-D (680)	B	26.2/109
R122	7030004970	S.RES ERJ2GEJ 470 X (47)	B	56.6/33.9
R123	7030004970	S.RES ERJ2GEJ 470 X (47)	B	49.5/38.5
R124	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	55.3/38.3
R125	7030007280	S.RES ERJ2GEJ 331 X (330)	B	82.6/51
R126	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	94.5/43.7
R127	7030005700	S.RES ERJ2GEJ 274 X (270 k)	T	61.2/51
R128	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	35.1/103.9
R129	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	55.3/35.1
R130	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	56.2/36.7
R131	7030004980	S.RES ERJ2GEJ 101 X (100)	B	54.2/32.4
R132	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	50.8/34.9
R133	7030007280	S.RES ERJ2GEJ 331 X (330)	B	67.5/104.4
R134	7030007270	S.RES ERJ2GEJ 151 X (150)	B	62.7/97.1
R136	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	81.7/65.3
R137	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	81.7/56.8
R140	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	B	63.8/101.1
R142	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	B	65.7/103.1
R143	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	48.6/38.5
R144	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	48.6/36.8
R145	7030010040	S.RES ERJ2GEJ-JPW	B	47.3/37.3
R146	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	97.3/47.1
R147	7030005290	S.RES ERJ2GEJ 682 X (6.8 k)	B	98.2/47.1
R148	7030004980	S.RES ERJ2GEJ 101 X (100)	B	59.3/106.8
R149	7030008290	S.RES ERJ2GEJ 183 X (18 k)	B	97.3/48.8
R150	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	91.5/66.6
R151	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	88.9/58.2
R152	7030005070	S.RES ERJ2GEJ 683 X (68 k)	B	65.2/107
R153	7030005000	S.RES ERJ2GEJ 471 X (470)	B	61.4/104.4
R154	7030006020	S.RES RR0510P-682-D (6.8 k)	B	36.8/121.9
R155	7030006020	S.RES RR0510P-682-D (6.8 k)	B	36.5/120.7
R156	7030006020	S.RES RR0510P-682-D (6.8 k)	B	37.4/112.2
R157	7030005530	S.RES ERJ2GEJ 100 X (10)	B	92.4/66.6
R158	7030005530	S.RES ERJ2GEJ 100 X (10)	B	88.9/57.2
R159	7030005530	S.RES ERJ2GEJ 100 X (10)	B	65.2/106.1
R160	7030010040	S.RES ERJ2GEJ-JPW	B	36.8/123.7
R161	7030006020	S.RES RR0510P-682-D (6.8 k)	B	37.6/113.5
R162	7030010040	S.RES ERJ2GEJ-JPW	B	37.6/115.3
R163	7030006020	S.RES RR0510P-682-D (6.8 k)	B	92.4/62
R164	7030006020	S.RES RR0510P-682-D (6.8 k)	B	92.7/52.9
R165	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	92.4/65.2
R166	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	93.1/56.3
R167	7030007250	S.RES ERJ2GEJ 220 X (22)	B	58.3/111.1
R168	7030006020	S.RES RR0510P-682-D (6.8 k)	B	92.4/63.4
R169	7030006020	S.RES RR0510P-682-D (6.8 k)	B	93.1/54.5
R171	7030011920	S.RES RR0510P-561-D (560)	B	41/120.2
R172	7030009820	S.RES RR0510P-681-D (680)	B	97/62
R173	7030009820	S.RES RR0510P-681-D (680)	B	97/56.5
R174	7030009820	S.RES RR0510P-681-D (680) [USA-01]	B	41.4/115.7
	7030011180	S.RES RR0510P-391-D (390) [EXP-01], [USA-02], [EXP-02], [FR6100]	B	41.4/115.7
R175	7030005530	S.RES ERJ2GEJ 100 X (10)	B	73.6/108.8
R176	7030005310	S.RES ERJ2GEJ 124 X (120 k)	B	100.5/56.8
R177	7030005310	S.RES ERJ2GEJ 124 X (120 k)	B	44.9/114.4
R178	7030004980	S.RES ERJ2GEJ 101 X (100)	B	100.5/55.9
R179	7030004980	S.RES ERJ2GEJ 101 X (100)	B	44.9/113.5
R180	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	36/109
R181	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	95.4/48.8
R182	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	B	68.5/107
R185	7030010040	S.RES ERJ2GEJ-JPW	B	62.3/117.5
R186	7030005120	S.RES ERJ2GEJ 102 X (1 k)	T	39.2/50.7
R187	7030008010	S.RES ERJ2GEJ 123 X (12 k)	T	41.5/55.9
R188	7410001150	S.ARY EXB28V471JX	T	48.5/41.1
R189	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	55.6/39.5
R190	7030008010	S.RES ERJ2GEJ 123 X (12 k)	T	43.1/55.9
R191	7030005000	S.RES ERJ2GEJ 471 X (470)	B	44/109.1
R192	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	44.9/109.1
R194	7030004980	S.RES ERJ2GEJ 101 X (100)	B	100.5/51.7
R195	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	100.5/53.4
R196	7030007260	S.RES ERJ2GEJ 330 X (33)	B	48/120.7
R197	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	40.5/50.6

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R198	7030007260	S.RES ERJ2GEJ 330 X (33)	B	103.7/62
R199	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	67.6/57.5
R200	7030004980	S.RES ERJ2GEJ 101 X (100)	B	43.1/122.6
R201	7030005070	S.RES ERJ2GEJ 683 X (68 k)	B	48/122.6
R202	7030005160	S.RES ERJ2GEJ 105 X (1 M)	T	41.4/48.6
R204	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	54.7/39.5
R205	7030008010	S.RES ERJ2GEJ 123 X (12 k)	T	34.5/57.9
R207	7030005070	S.RES ERJ2GEJ 683 X (68 k)	B	103.7/64
R208	7030010040	S.RES ERJ2GEJ-JPW	B	46.2/120.7
R209	7030005000	S.RES ERJ2GEJ 471 X (470)	T	67.6/56
R212	7410001140	S.ARY EXB28V104JX	T	52.3/41.1
R213	7030005530	S.RES ERJ2GEJ 100 X (10)	T	41.4/47.7
R214	7030004980	S.RES ERJ2GEJ 101 X (100)	B	98.9/64
R215	7030010040	S.RES ERJ2GEJ-JPW	B	100.9/62
R216	7410001140	S.ARY EXB28V104JX	T	17.3/52.4
R217	7410001140	S.ARY EXB28V104JX	T	38.6/56
R218	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	65/137.9
R220	7410001140	S.ARY EXB28V104JX	T	15.2/50.7
R222	7410001140	S.ARY EXB28V104JX	T	36.1/56
R223	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	64/136.3
R224	7410001150	S.ARY EXB28V471JX	T	30.4/53.1
R225	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	64/137.9
R226	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	57.2/136.1
R227	7410001150	S.ARY EXB28V471JX	T	42.9/28.9
R230	7410001150	S.ARY EXB28V471JX	T	28.6/50.9
R231	7030005010	S.RES ERJ2GEJ 681 X (680) [USA-01]	B	55/138
	7030009270	S.RES ERJ2GEJ 821 X (820) [EXP-01], [USA-02], [EXP-02], [FR6100]	B	55/138
R232	7410001150	S.ARY EXB28V471JX	T	25.9/49.4
R233	7030005530	S.RES ERJ2GEJ 100 X (10)	B	54.1/136.1
R234	7410001150	S.ARY EXB28V471JX	T	42.5/25.7
R235	7410001150	S.ARY EXB28V471JX	T	24.2/47.6
R236	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	133.1/82.8
R237	7030005530	S.RES ERJ2GEJ 100 X (10)	B	48.4/138.3
R238	7410001150	S.ARY EXB28V471JX	T	45.7/28.9
R239	7410001150	S.ARY EXB28V471JX	T	22.4/45.8
R240	7030004980	S.RES ERJ2GEJ 101 X (100)	B	135.8/84.5
R241	7030005710	S.RES ERJ2GEJ 121 X (120)	B	48.4/138.8
R242	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	47.4/138.3
R243	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	46.4/138.8
R244	7410001150	S.ARY EXB28V471JX	T	39.7/25.8
R245	7410001150	S.ARY EXB28V471JX	T	20.2/42.4
R246	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	44.4/136.1
R247	7030008290	S.RES ERJ2GEJ 183 X (18 k)	B	47.4/140.4
R248	7030005600	S.RES ERJ2GEJ 273 X (27 k)	B	137.4/85.8
R253	7030004970	S.RES ERJ2GEJ 470 X (47)	B	138.8/85.4
R255	7030008400	S.RES ERJ2GEJ 182 X (1.8 k)	B	51.4/140.4
R257	7410001140	S.ARY EXB28V104JX	T	14.5/45.7
R258	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	58.3/140.4
R259	7030005170	S.RES ERJ2GEJ 474 X (470 k)	B	56.1/140.4
R260	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	144.6/121.4
R261	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	52.5/25.2
R262	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	51.9/22.8
R263	7410001140	S.ARY EXB28V104JX	T	46.2/20
R264	7410001140	S.ARY EXB28V104JX	T	50.2/24
R265	7030007280	S.RES ERJ2GEJ 331 X (330)	T	143/121.4
R266	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	34.6/133.5
R267	7410001140	S.ARY EXB28V104JX	T	14.8/43.1
R268	7410001150	S.ARY EXB28V471JX	T	45.7/31.8
R269	7030007270	S.RES ERJ2GEJ 151 X (150)	B	142.6/92.6
R270	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	30.6/134
R271	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	23.8/26.7
R272	7410001150	S.ARY EXB28V471JX	T	17.9/32.3
R273	7410001150	S.ARY EXB28V471JX	T	17.9/35.1
R274	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	31.5/134
R277	7030004980	S.RES ERJ2GEJ 101 X (100)	T	143.4/126.6
R278	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	13.9/65.6
R279	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	T	103.6/88.4
R280	7030004990	S.RES ERJ2GEJ 221 X (220)	T	138.4/128.2
R281	7410001150	S.ARY EXB28V471JX	T	21.3/31.8
R282	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	37.8/20.3
R283	7030005100	S.RES ERJ2GEJ 154 X (150 k)	T	141.5/126.6
R285	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	101.6/79.5
R287	7410001140	S.ARY EXB28V104JX	T	49.7/27.7
R288	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	136.8/124.7
R289	7030006070	S.RES ERJ2GEJ 101U (100)	B	86.9/117.5
R290	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	137.2/122.6
R291	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	T	139.2/121.2
R292	7030005050</			

## [MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R333	7030007350	S.RES ERJ2GEJ 393 X (39 k)	B	139.3/131.4
R334	7030005651	S.RES ERA3YKD 304V (300 k)	T	57.8/30.5
R335	7030005871	S.RES ERA3YKD 104V (100 k)	T	55.9/29.7
R336	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	12/120.9
R337	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	13.2/120.6
R339	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	12/125.3
R341	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	33.3/12
R342	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	45.3/56.9
R346	7410001150	S.ARY EXB28V471JX	T	43.5/73.8
R347	7030005000	S.RES ERJ2GEJ 471 X (470)	T	9.8/132.9
R348	7030000620	S.RES MCR10EZJH 100 k	B	147.2/150.9
R349	7030000620	S.RES MCR10EZJH 100 k	B	26/149.7
R350	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	6.4/131
R352	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	T	10.2/125.3
R353	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	55.8/56.9
R354	7030005700	S.RES ERJ2GEJ 274 X (270 k)	T	125.2/103.6
R355	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	129.2/103.6
R356	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	9.8/134.5
R357	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	10.1/150.2
R362	7540000290	ABS ERZV10D220		
R364	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	65.1/71.2
R365	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	7.4/120.7
R366	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	T	7/123.5
R367	7030004980	S.RES ERJ2GEJ 101 X (100)	T	9.7/117.3
R368	7030008300	S.RES ERJ2GEJ 184 X (180 k)	T	8.5/117.8
R369	7030005230	S.RES ERJ2GEJ 334 X (330 k)	T	9.7/118.2
R370	7030008280	S.RES ERJ2GEJ 271 X (270)	T	6.1/120.7
R371	7030010040	S.RES ERJ2GEJ-JPW	T	5/117.3
R372	7030005000	S.RES ERJ2GEJ 471 X (470)	T	115.3/15.8
R373	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	115.3/14
R374	7030000140	S.RES MCR10EZJH 10 (100)	T	111.2/12.3
R375	7030010040	S.RES ERJ2GEJ-JPW	T	100.1/16.3
R376	7030004980	S.RES ERJ2GEJ 101 X (100)	B	62.3/122.2
R377	7030005000	S.RES ERJ2GEJ 471 X (470)	B	62.3/124.7
R378	7030005210	S.RES ERJ2GEJ 822 X (8.2 k)	B	63.2/126.1
R379	7030005210	S.RES ERJ2GEJ 822 X (8.2 k)	B	59.6/126.1
R380	7030007260	S.RES ERJ2GEJ 330 X (33)	B	57.8/123.7
R381	7030004990	S.RES ERJ2GEJ 221 X (220)	B	61.4/126.1
R424	7410001150	S.ARY EXB28V471JX	T	46.3/42.9
R425	7410001150	S.ARY EXB28V471JX	T	36.8/23
R426	7410001150	S.ARY EXB28V471JX	T	47.8/33.9
R427	7030005000	S.RES ERJ2GEJ 471 X (470)	T	25.5/26.7
R428	7410001140	S.ARY EXB28V104JX	T	48/22.7
R429	7410001140	S.ARY EXB28V104JX	T	49.7/30.2
R430	7410001140	S.ARY EXB28V104JX	T	52.3/43.6
R431	7410001150	S.ARY EXB28V471JX	T	17.9/40.3
R432	7410001140	S.ARY EXB28V104JX	T	15.2/48.2
R433	7410001150	S.ARY EXB28V471JX	T	39.6/23
R434	7410000750	S.ARY EXB-V4V 104JV (100 k)	B	36.8/48.2
R435	7410001140	S.ARY EXB28V104JX	B	39.1/47.8
R436	7410001140	S.ARY EXB28V104JX	B	44.3/41.2
R438	7410001140	S.ARY EXB28V104JX	B	34.4/47.7
R443	7030005000	S.RES ERJ2GEJ 471 X (470)	T	60.4/59.2
R444	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	13.5/33.6
R445	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	13.5/36.1
R446	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	13.5/37.4
R447	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	50.2/19.2
R448	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	49.3/19.2
R449	7030005170	S.RES ERJ2GEJ 474 X (470 k)	T	39.5/19.2
R450	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	50.2/16.5
R451	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	50.2/18
R452	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	51.1/19.2
R453	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	52/13.9
R454	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	94.9/2.7
R455	7030005010	S.RES ERJ2GEJ 681 X (680)	B	12.4/9.2/7
R456	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	109.9/2.7
R467	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	38/44.6
R468	7410001140	S.ARY EXB28V104JX	B	31.8/48.5
R469	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	32.6/44.6
R470	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	10.9/20.2
R471	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	47.7/44.2
R472	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	4.8/36.1
R473	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	46.2/44.6
R474	7030005530	S.RES ERJ2GEJ 100 X (10)	B	15.5/55.3
R475	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	9/56.2
R476	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	15/53.5
R477	7030005080	S.RES ERJ2GEJ 823 X (82 k)	B	15/52.6
R478	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	9.1/54.7
R479	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	64.2/69.6
R480	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	15.6/61.5
R481	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	16.5/59.9
R482	7410001150	S.ARY EXB28V471JX	T	19.6/45.1
R483	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	31.2/56.5
R484	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	28.8/50.9
R485	7410001150	S.ARY EXB28V471JX	T	67.3/96.9
R486	7410001150	S.ARY EXB28V471JX	T	64.8/105.4
R487	7410001150	S.ARY EXB28V471JX	T	72.8/105.4
R488	7030008400	S.RES ERJ2GEJ 182 X (1.8 k)	T	9.5/54.9
R489	7030004980	S.RES ERJ2GEJ 101 X (100)	B	24.1/58.7
R490	7030008290	S.RES ERJ2GEJ 183 X (18 k)	B	28.2/58.4
R491	7030004980	S.RES ERJ2GEJ 101 X (100)	B	26.1/51.2
R492	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	29.8/58.8
R493	7030010040	S.RES ERJ2GEJ-JPW	T	11.3/19
R494	7030005000	S.RES ERJ2GEJ 471 X (470)	T	73.2/98.2
R495	7030005100	S.RES ERJ2GEJ 154 X (150 k)	T	55.2/55.3
R496	7030005070	S.RES ERJ2GEJ 683 X (68 k)	T	52.7/56.2
R497	7030005700	S.RES ERJ2GEJ 274 X (270 k)	T	52.7/55.3
R498	7030005600	S.RES ERJ2GEJ 273 X (27 k)	B	61.4/103.1
R499	7030004980	S.RES ERJ2GEJ 101 X (100)	T	24.4/57
R500	7030005600	S.RES ERJ2GEJ 273 X (27 k)	T	21.2/57.5
R501	7030005220	S.RES ERJ2GEJ 223 X (22 k)	T	22.8/53.8
R502	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	28/55
R503	7030007350	S.RES ERJ2GEJ 393 X (39 k)	T	55.5/58.4
R505	7030010040	S.RES ERJ2GEJ-JPW	T	113.4/18.3

## [MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R506	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	113.4/19.3
R507	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	115/19.3
R508	7030010040	S.RES ERJ2GEJ-JPW	T	144.6/119.6
R509	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	33.3/15.2
R510	7030007350	S.RES ERJ2GEJ 393 X (39 k)	B	29/14.1
R511	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	29.1/18.5
R512	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	30.8/18.5
R513	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.3/90.4
R530	7030005240	S.RES ERJ2GEJ 473 X (47 k)	T	62.5/66.3
R531	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	64.6/78.2
R532	7030005000	S.RES ERJ2GEJ 471 X (470)	B	45.1/37.1
R533	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	57.2/18.4
R534	7030005600	S.RES ERJ2GEJ 273 X (27 k)	B	45.3/58.6
R535	7030004980	S.RES ERJ2GEJ 101 X (100)	B	55.8/55.3
R536	7030005600	S.RES ERJ2GEJ 103 X (27 k)	B	55.8/58.6
R537	7030010040	S.RES ERJ2GEJ-JPW	B	41.6/41.2
R539	7030005100	S.RES ERJ2GEJ 154 X (150 k)	T	64.2/71.2
R540	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	90.6/17.9
R541	7030005220	S.RES ERJ2GEJ 223 X (22 k)	T	28.9/55
C1	4030017420	S.CER ECJ0EC1H470J	B	120.7/39
C2	4030017420	S.CER ECJ0EC1H470J	B	22.9/78.1
C3	4030016930	S.CER ECJ0EB1A104K	B	130.8/50.2
C4	4030017420	S.CER ECJ0EC1H470J	B	122.2/37.1
C5	4030017420	S.CER ECJ0EC1H470J	B	21.7/77.1
C6	4030016930	S.CER ECJ0EB1A104K	B	52.4/77.9
C7	4030017420	S.CER ECJ0EC1H470J	B	123.1/37.1
C8	4030017420	S.CER ECJ0EC1H470J	B	21.7/75.5
C9	4030017460	S.CER ECJ0EB1E102K	T	17.6/59
C10	4030016930	S.CER ECJ0EB1A104K	B	55.7/77.9
C11	4030016930	S.CER ECJ0EB1A104K	B	124/37.1
C12	4030016930	S.CER ECJ0EB1A104K	B	22.1/74.3
C13	4030016930	S.CER ECJ0EB1A104K	B	55.6/80.7
C14	4030017460	S.CER ECJ0EB1E102K	T	16.1/59.9
C15	4030016930	S.CER ECJ0EB1A104K	T	62.4/67.5
C16	4030017420	S.CER ECJ0EC1H470J	T	56.2/64.5
C17	4030016930	S.CER ECJ0EB1A104K	B	115.6/40.6
C18	4030017700	S.CER ECJ0EC1H151J	T	62.4/71.2
C19	4030016930	S.CER ECJ0EB1A104K	B	22.9/80.3
C20	4550006250	S.TAN TEESVA 1A 106M8R	B	115.4/37.5
C21	4550006250	S.TAN TEESVA 1A 106M8R	B	21.3/80.5
C22	4030016930	S.CER ECJ0EB1A104K	B	50/77.9
C23	4030016930	S.CER ECJ0EB1A104K	T	57.8/52.6
C24	4030016930	S.CER ECJ0EB1A104K	B	50.3/81.1
C25	4030016930	S.CER ECJ0EB1A104K	B	54.4/81.1
C26	4030017460	S.CER ECJ0EB1E102K	B	117.8/39.2
C27	4030017460	S.CER ECJ0EB1E102K	B	23.8/80.3
C28	4030016930	S.CER ECJ0EB1A104K	B	53.3/77.9
C30	4030017460	S.CER ECJ0EB1E102K	T	59.8/67
C31	4030016930	S.CER ECJ0EB1A104K	T	60.5/53
C32	4030017590	S.CER ECJ0EC1H070C	B	38.4/79.1
C33	4030016930	S.CER ECJ0EB1A104K	T	58.9/67
C34	4030017570	S.CER ECJ0EC1H040B	B	37.2/78.7
C35	4030016930	S.CER ECJ0EB1A104K	B	38.3/76
C36	4030017500	S.CER ECJ0EC1H560J	B	37.2/79.6
C37	4030016930	S.CER ECJ0EB1A104K	B	48.4/79.8
C38	4030016930	S.CER ECJ0EB1A104K	B	69.8/78.2
C39	4030017360	S.CER ECJ0EC1H030B	B	71.4/77.3
C40	4030017760	S.CER ECJ0EB1H222K	B	68.2/77.3
C41	4030018860	S.CER ECJ0EB0J105K	B	31/58.2
C42	4030017760	S.CER ECJ0EB1H222K	B	68.2/76.4
C43	4030016930	S.CER ECJ0EB1A104K	B	55.6/49
C44	4030018860	S.CER ECJ0EB0J105K	B	35.7/56.4
C45	4030016950	S.CER ECJ0EB1A473K	B	34.5/55.2
C47	4030017460	S.CER ECJ0EB1E102K	B	64.6/77.3
C48	4030016930	S.CER ECJ0EB1A104K	B	52.7/54.4
C49	4030018860	S.CER ECJ0EB0J105K	B	15.6/58.3
C50	4030016930	S.CER ECJ0EB1A104K	B	130.8/48.4
C51	4030017620	S.CER ECJ0EC1H100C	B	125.1/45.3
C52	4030017420	S.CER ECJ0EC1H470J	B	120.6/48.8
C53	4030017420	S.CER ECJ0EC1H470J	B	32.7/78.4
C54	4030017660	S.CER ECJ0EC1H330J	B	32.7/77.3
C56	4030016950	S.CER ECJ0EB1A473K	B	31.9/59.1
C59	4030017430	S.CER ECJ0EC1H101J	B	32.7/76.4
C60	4030017620	S.CER ECJ0EC1H100C	B	32.3/72.9
C61	4030018900	S.CER ECJ0EB0J474K	B	18/63.8
C62	4030016930	S.CER ECJ0EB1A104K	B	33.6/55.2
C63	4030016930	S.CER ECJ0EB1A104K	T	55.5/61.6
C66	4030017430	S.CER ECJ0EC1H101J	B	123.5/48.4
C67	4030017460	S.CER ECJ0EB1E102K	B	67.5/87.7
C69	4030016930	S.CER ECJ0EB1A104K	B	29.8/63
C70	4030017460	S.CER ECJ0EB1E102K	B	64.3/79.4
C71	4030016930	S.CER ECJ0EB1A104K	B	57.6/43.3

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C96	4030018910	S.CER C1608 JB 0J 475K-T	B	49.2/48.9
C97	4030016930	S.CER ECJ0EB1A104K	B	57.4/50.6
C98	4030017460	S.CER ECJ0EB1E102K	B	35.1/107.3
C99	4030017460	S.CER ECJ0EB1E102K	B	39.9/72.7
C101	4030017620	S.CER ECJ0EC1H100C	B	37.7/63.2
C102	4550000560	S.TAN TEESVA 1V 334M8R	B	84.7/42.7
C103	4550003260	S.TAN TEESVA 1V 684M8R	B	26.2/100.4
C104	4030016930	S.CER ECJ0EB1A104K	B	39.9/74.5
C105	4030017520	S.CER ECJ0EC1H0R3B	B	103.2/47.8
C106	4030017340	S.CER ECJ0EC1H010B	B	47/100.1
C107	4030017590	S.CER ECJ0EC1H070C	B	72.3/89.5
C108	4030017460	S.CER ECJ0EB1E102K	B	94.5/47.1
C109	4030017530	S.CER ECJ0EC1H0R5B	B	101.9/48.3
C110	4030017530	S.CER ECJ0EC1H0R5B	B	46.5/101.4
C111	4030016790	S.CER ECJ0EB1C103K	B	70.7/92.3
C112	4550000270	S.TAN TEESVA 1E 474M8R	B	84.7/47.9
C113	4550000270	S.TAN TEESVA 1E 474M8R	B	26.2/105.6
C114	4030017520	S.CER ECJ0EC1H0R3B	B	103.2/49.6
C115	4030017550	S.CER ECJ0EC1H1R5B	B	47/102.8
C116	4030017460	S.CER ECJ0EB1E102K	B	70.7/89.5
C117	4030016790	S.CER ECJ0EB1C103K	B	69.1/90.4
C118	4030016790	S.CER ECJ0EB1C103K	B	69.1/91.3
C121	4030016790	S.CER ECJ0EB1C103K	B	71.1/94.8
C122	4030016790	S.CER ECJ0EB1C103K	B	67.2/91.6
C123	4030016930	S.CER ECJ0EB1A104K	B	67.5/100.1
C124	4030016930	S.CER ECJ0EB1A104K	B	48.5/50.5
C125	4030016790	S.CER ECJ0EB1C103K	B	95.4/43.7
C126	4030016790	S.CER ECJ0EB1C103K	B	57.2/35.1
C127	4030016790	S.CER ECJ0EB1C103K	B	36/103.9
C133	4030017590	S.CER ECJ0EC1H070C	B	59.4/92.8
C134	4550003260	S.TAN TEESVA 1V 684M8R	B	26.2/112.4
C135	4030016930	S.CER ECJ0EB1A104K	B	37.8/103.9
C136	4030016930	S.CER ECJ0EB1A104K	B	50.4/36.8
C137	4030017620	S.CER ECJ0EC1H100C	B	56.2/38.3
C138	4030017640	S.CER ECJ0EC1H150J	B	75.8/101.1
C139	4030017650	S.CER ECJ0EC1H270J	B	59.4/91.9
C140	4030016930	S.CER ECJ0EB1A104K	B	55.3/36.7
C141	4550000270	S.TAN TEESVA 1E 474M8R	B	82.6/47.9
C144	4550006250	S.TAN TEESVA 1A 106M8R	B	94.7/41.5
C145	4030017420	S.CER ECJ0EC1H470J	B	50.4/38.5
C146	4030017460	S.CER ECJ0EB1E102K	B	56.2/35.1
C147	4550006250	S.TAN TEESVA 1A 106M8R	B	33.3/100.4
C149	4030016790	S.CER ECJ0EB1C103K	B	69.4/95.7
C150	4030016790	S.CER ECJ0EB1C103K	B	65.7/97.3
C151	4030017610	S.CER ECJ0EC1H090C	B	61.7/97.1
C152	4030016930	S.CER ECJ0EB1A104K	B	55.3/32.4
C153	4030017380	S.CER ECJ0EC1H050B	B	49.8/34.9
C154	4030017420	S.CER ECJ0EC1H470J	B	26.5/120.6
C155	4030017460	S.CER ECJ0EB1E102K	B	65.5/123.2
C156	4030017420	S.CER ECJ0EC1H470J	B	28.5/111.5
C157	4030017460	S.CER ECJ0EB1E102K	B	28/117.2
C158	4030017420	S.CER ECJ0EC1H470J	B	81.7/62.1
C159	4030017420	S.CER ECJ0EC1H470J	B	81.7/53.6
C160	4030016790	S.CER ECJ0EB1C103K	B	65.7/104.4
C161	4030016790	S.CER ECJ0EB1C103K	B	62.7/98.9
C162	4030016930	S.CER ECJ0EB1A104K	B	81.7/67.1
C163	4030016930	S.CER ECJ0EB1A104K	B	81.7/58.6
C164	4030016930	S.CER ECJ0EB1A104K	B	49.5/36.8
C165	4030017460	S.CER ECJ0EB1E102K	B	81.7/66.2
C166	4030017460	S.CER ECJ0EB1E102K	B	81.7/57.7
C167	4030017460	S.CER ECJ0EB1E102K	B	97.3/45.4
C168	4030017380	S.CER ECJ0EC1H050B	B	32.6/124.3
C169	4030017600	S.CER ECJ0EC1H080C	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	30.8/124.4
		[USA-01]	B	30.8/124.4
C170	4030017580	S.CER ECJ0EC1H060C	B	30.6/114.4
C171	4030017620	S.CER ECJ0EC1H100C	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	30.6/115.3
		[USA-01]	B	30.6/115.3
C172	4030017630	S.CER ECJ0EC1H120J	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	87.8/65.7
		[USA-01]	B	87.8/65.7
C173	4030017590	S.CER 12P ECJ10 CH	B	86.5/65.3
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	86.5/65.3
		[USA-01]	B	86.5/65.3
C174	4030017610	S.CER 6P ECJ10 CH	B	85.7/55
C175	4030017620	S.CER 18P ECJ10 CH	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	85.7/55.9
		[USA-01]	B	85.7/55.9
C176	4030018860	S.CER ECJ0EB0J105K	T	62.9/51
C177	4030017380	S.CER ECJ0EC1H050B	B	35.6/120.7
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	35.6/120.7
		[USA-01]	B	35.6/120.7
C178	4030017380	S.CER ECJ0EC1H050B	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	32/112.2
		[USA-01]	B	32/112.2
C179	4030017420	S.CER ECJ0EC1H120J	T	14.9/129.1
C180	4030017600	S.CER ECJ0EC1H080C	B	91.5/62
C181	4030017590	S.CER ECJ0EC1H070C	B	87.1/52.9
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	87.1/52.9
		[USA-01]	B	87.1/52.9
C182	4030016790	S.CER ECJ0EB1C103K	B	63.1/104.4
C183	4030017420	S.CER ECJ0EC1H470J	T	14.9/131.3
C184	4030017600	S.CER ECJ0EC1H080C	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	34.9/124.3
		[USA-01]	B	34.9/124.3
C185	4030017620	S.CER ECJ0EC1H100C	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	35.4/115.3
		[USA-01]	B	35.4/115.3
C186	4030017420	S.CER ECJ0EC1H470J	B	98.2/48.8
C187	4030017540	S.CER ECJ0EC1HR75B	B	89.4/66.8
C188	4030017360	S.CER ECJ0EC1H030B	B	90.6/66.6
C189	4030017340	S.CER ECJ0EC1H010B	B	87/57.2
C190	4030017350	S.CER ECJ0EC1H020B	B	87/58.2

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C191	4030017590	S.CER 15P ECJ10 CH B	B	89.4/65.7
C192	4030017640	S.CER 15P ECJ10 CH	B	90.5/56.3
C193	4030017460	S.CER ECJ0EB1E102K	B	61.4/107.1
C194	4030017580	S.CER ECJ0EC1H060C	B	36.8/122.8
C195	4030017630	S.CER ECJ0EC1H120J	B	40.1/120.7
C196	4030017620	S.CER ECJ0EC1H100C	B	37.6/114.4
C197	4030017640	S.CER ECJ0EC1H150J	B	41/112.2
C198	4030016790	S.CER ECJ0EB1C103K	B	60.5/107.1
C200	4030017570	S.CER ECJ0EC1H040B	B	92.4/64.3
C201	4030017620	S.CER ECJ0EC1H100C	B	96/62
C202	4030017610	S.CER ECJ0EC1H090C	B	93.1/55.4
C203	4030017390	S.CER ECJ0EC1H180J	B	96.3/52.9
C204	4550006250	S.TAN TEESVA 1A 106M8R	T	81.7/17
C205	4550006250	S.TAN TEESVA 1A 106M8R	T	85.1/17
C206	4550006250	S.TAN TEESVA 1A 106M8R	T	88.8/16.7
C208	4030017490	S.CER C1608 JB 1A 105K-T	T	80/16.6
C209	4030017490	S.CER C1608 JB 1A 105K-T	T	83.4/16.6
C210	4030017490	S.CER C1608 JB 1A 105K-T	T	86.9/16.3
C211	4030016930	S.CER ECJ0EB1A104K	B	38.3/120.7
C212	4030016790	S.CER ECJ0EB1C103K	B	39.2/112.2
C213	4030017660	S.CER ECJ0EC1H330J	B	68.5/106.1
C214	4030017460	S.CER ECJ0EB1E102K	B	66.8/107
C215	4030017530	S.CER ECJ0EC1H0R5B	B	41.9/120.7
C216	4030017520	S.CER ECJ0EC1H0R3B	B	42.6/115.7
C217	4030017460	S.CER ECJ0EB1E102K	B	39.2/120.7
C218	4030017460	S.CER ECJ0EB1E102K	B	40.1/112.2
C219	4030016790	S.CER ECJ0EB1C103K	B	94.2/62
C220	4030017530	S.CER ECJ0EC1H0R5B	B	98.2/61.3
C221	4030016790	S.CER ECJ0EB1C103K	B	94.5/52.9
C222	4030017530	S.CER ECJ0EC1H0R5B	B	98.2/57.1
C224	4030017460	S.CER ECJ0EB1E102K	B	95.1/62
C225	4030017460	S.CER ECJ0EB1E102K	B	95.4/52.9
C228	4030017490	S.CER C1608 JB 1A 105K-T	T	79.8/24.4
C229	4030017490	S.CER C1608 JB 1A 105K-T	T	83.3/24.4
C230	4030017490	S.CER C1608 JB 1A 105K-T	T	86.8/24.4
C231	4550005980	S.TAN TEESVA 1A 475M8R	T	81.6/25.6
C232	4550005980	S.TAN TEESVA 1A 475M8R	T	85.1/25.6
C233	4550005980	S.TAN TEESVA 1A 475M8R	T	88.5/25.6
C235	4030017030	S.CER ECJ0EB1A273K	T	41/55
C236	4030017730	S.CER ECJ0EB1E471K	B	100.5/55
C237	4030017460	S.CER ECJ0EB1E102K	B	100.5/60.4
C238	4030017730	S.CER ECJ0EB1E471K	B	44.9/112.6
C239	4030017460	S.CER ECJ0EB1E102K	B	44.9/118
C240	4510008540	S.ELLE EEE1CA100SR	T	95.1/22.3
C241	4030017350	S.CER ECJ0EC1H020B	B	68.3/120.9
C242	4030016790	S.CER ECJ0EB1C103K	B	68.7/111.2
C243	4030017460	S.CER ECJ0EB1E102K	B	70.3/106.1
C244	4030016790	S.CER ECJ0EB1C103K	B	70.3/107
C245	4030017460	S.CER ECJ0EB1E102K	B	91.5/59.6
C246	4030017580	S.CER ECJ0EC1H060C	B	46.9/113.5
C247	4030017460	S.CER ECJ0EB1E102K	B	43.1/109.1
C248	4030017460	S.CER ECJ0EB1E102K	B	36/117.8
C249	4030017420	S.CER ECJ0EC1H470J	B	48.1/109.1
C250	4030017380	S.CER ECJ0EC1H050B	B	103.7/58.7
C251	4030017580	S.CER ECJ0EC1H060C	B	102.6/55.9
C252	4030017460	S.CER ECJ0EB1E102K	B	100.5/50
C253	4030017380	S.CER ECJ0EC1H050B	B	48/116.2
C254	4030017460	S.CER ECJ0EB1E102K	B	103.7/53.4
C255	4030016930	S.CER ECJ0EB1A104K	T	42.1/50.6
C256	4030017640	S.CER ECJ0EC1H150J	T	43.1/55
C257	4030016790	S.CER ECJ0EB1C103K	T	34.5/58.8
C258	4030017580	S.CER ECJ0EC1H060C	B	59.6/117.8
C259	4030017580	S.CER ECJ0EC1H060C	B	48.5/46.4
C260	4030017460	S.CER ECJ0EB1E102K	B	46.5/105.4
C262	4030016930	S.CER ECJ0EB1A104K	T	69.2/57.5
C263	4030017420	S.CER ECJ0EC1H470J	B	60.5/126.1
C264	4030017460	S.CER ECJ0EB1E102K	B	101.9/50
C265	4030017460	S.CER ECJ0EB1E102K	B	43.5/120.7
C266	4030018900	S.CER ECJ0EB0J474K	T	43.9/45.6
C267	4030017630	S.CER ECJ0EC1H120J	B	59.6/119.3
C268	4030017420	S.CER ECJ0EC1H470J	B	62.3/126.1
C269	4550006780	S.TAN TEESVB2 0J 476M8R	T	71.8/60.8
C270	4030016930	S.CER ECJ0EB1A104K	T	40.5/49.7
C271	4030017350	S.CER ECJ0EC1H020B	B	68.1/137.9
C272	4030017630	S.CER ECJ0EC1H120J	T	47.3/60.1
C274	4030017460	S.CER ECJ0EB1E102K	B	44.4/120.7
C275	4030017620	S.CER ECJ0EC1H100C	B	48/124.4
C276	4030017530	S.CER ECJ0EC1H0R5B	B	67.2/137.9
C277	4030016790	S.CER ECJ0EB1C103K	T	48.6/36.7
C279	4030017580	S.CER ECJ0EC1H060C	B	59.6/120.9
C280	4030017460	S.CER ECJ0EB1E102K	B	98.9/66.3
C281	4030017460	S.CER ECJ0EB1E102K	B	100/62
C282	4030017620	S.CER ECJ0EC1H100C	B	61.4/122.2
C283	4030017620	S.CER ECJ0EC1H100C	B	103.7/65.9
C285	4030017610	S.CER ECJ0EC1H090C	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	66.1/137.9
		[USA-01]	B	66.1/137.9
C286	4030017530	S.CER ECJ0EC1H0R5B	B	64.5/139.2
C287	4030017350	S.CER ECJ0EC1H020B	B	61.8/134.7
C291				

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C303	4030017370	S.CER ECJ0EC1H3R5B	B	131.4/82.3
C304	4030017420	S.CER ECJ0EC1H470J	B	136.2/81.9
C305	4030017420	S.CER ECJ0EC1H470J	B	46.4/133.8
C306	4030017460	S.CER ECJ0EB1E102K	B	47.4/133.8
C307	4030017460	S.CER ECJ0EB1E102K	B	45.4/138.3
C309	4030017420	S.CER ECJ0EC1H470J	B	136.8/84.5
C310	4030017380	S.CER ECJ0EC1H050B	B	134.9/85.9
C311	4030016930	S.CER ECJ0EB1A104K	B	45.4/140.4
C312	4030017420	S.CER ECJ0EC1H470J	B	50.4/140.4
C313	4030016930	S.CER ECJ0EB1A104K	B	46.4/140.4
C314	4030017460	S.CER ECJ0EB1E102K	B	49.4/140.4
C315	4030017730	S.CER ECJ0EB1E471K	B	137.8/84.5
C316	4030017570	S.CER 7P ECJ10 CH	B	130.4/80.9
C321	4030017420	S.CER ECJ0EC1H470J	T	66/57.5
C322	4030017420	S.CER ECJ0EC1H470J	T	67.6/54.3
C323	4030017620	S.CER ECJ0EC1H100C	B	44.4/137.7
C324	4030017530	S.CER ECJ0EC1H0R5B	B	134.9/88.3
C326	4030017580	S.CER ECJ0EC1H060C	B	39.3/138.2
C327	4030017360	S.CER ECJ0EC1H030B	B	141.8/89.2
C328	4030017420	S.CER ECJ0EC1H470J	B	140.9/85.4
C329	4030017410	S.CER ECJ0EC1H240J	B	38.4/133.5
C330	4030017460	S.CER ECJ0EB1E102K	B	139.9/85.4
C331	4030017460	S.CER ECJ0EB1E102K	B	59.2/140.4
C332	4030018860	S.CER ECJ0EB0J105K	B	55/140.4
C333	4030016930	S.CER ECJ0EB1A104K	T	23.1/29.4
C335	4030017550	S.CER ECJ0EC1H1R5B	B	144/89.5
C336	4030018860	S.CER ECJ0EB0J105K	B	60.1/140.4
C337	4030017580	S.CER ECJ0EC1H060C	B	142.6/91.7
C338	4030017550	S.CER ECJ0EC1H1R5B	B	39.3/139.1
C339	4030017460	S.CER ECJ0EB1E102K	B	32.5/134.4
C340	4030016930	S.CER ECJ0EB1A104K	T	54/20.3
C341	4030017420	S.CER ECJ0EC1H470J	T	143.1/123.3
C342	4030017730	S.CER ECJ0EB1E471K	T	138.8/108
C345	4030017460	S.CER ECJ0EB1E102K	B	30.6/135.9
C346	4030017420	S.CER ECJ0EC1H470J	T	63.1/57.2
C347	4030017460	S.CER ECJ0EB1E102K	T	143.1/124.2
C348	4030017420	S.CER ECJ0EC1H470J	T	63.8/55.2
C349	4030017580	S.CER ECJ0EC1H060C	B	143.5/95.2
C350	4030017420	S.CER ECJ0EC1H470J	T	138.7/112.3
C351	4030017460	S.CER ECJ0EB1E102K	T	138.7/113.2
C352	4030017410	S.CER ECJ0EC1H240J	B	31.6/137.9
C353	4030017460	S.CER ECJ0EB1E102K	T	140.4/118.8
C354	4030017420	S.CER ECJ0EC1H470J	T	106.6/115.9
C355	4030017380	S.CER 7P ECJ10 CH	B	37.5/136.8
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	37.5/136.8
		[USA-01]	B	39.3/140
C357	4030017630	S.CER ECJ0EC1H120J	T	137.5/128.2
C358	4030016790	S.CER ECJ0EB1C103K	T	107.2/86.5
C359	4510009550	S.ELE EEEFK1C100R	T	106.6/116.8
C360	4030017460	S.CER ECJ0EB1E102K	B	39.7/144.6
C362	4030017510	S.CER ECJ0EC1H680J	B	
C364	4030011020	S.CER GRM31M4C2H1R0CY21L	[USA-01]	B 89.8/119.8
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	89.8/119.8
C365	4030017730	S.CER ECJ0EB1E471K	T	106.6/117.7
C366	4030016970	S.CER ECJ0EB1C223K	T	142.4/126.6
C367	4510009810	S.ELE EEEFK1E220R	T	107.3/95.1
C368	4030006860	S.CER C1608 JB 1H 102K-T	T	89.1/142
C369	4030017460	S.CER ECJ0EB1E102K	B	33.4/134
C370	4030011060	S.CER GRM31M2C2H4R0CY21L	B	100.2/123.1
C371	4030006980	S.CER C1608 CH 1H 070D-T	[USA-01]	T 35.5/142.5
		[EXP-01], [USA-02], [EXP-02], [FR6100]	T	35.5/142.5
C372	4030011100	S.CER GRM31M2C2H8R0DV01L	B	100.2/121
C373	4030017780	S.CER ECJ0EB1E472K	T	136.7/123.8
C374	4030017420	S.CER ECJ0EC1H470J	B	85.2/129.8
C375	4030017460	S.CER ECJ0EB1E102K	T	113.1/95.2
C376	4030017350	S.CER ECJ0EC1H020B	B	86/138.8
C377	4030017420	S.CER ECJ0EC1H470J	B	84.2/119.4
C378	4030017420	S.CER ECJ0EC1H470J	T	112.2/95.2
C381	4030017400	S.CER ECJ0EC1H220J	T	111.3/95.2
C383	4030017460	S.CER ECJ0EB1E102K	T	114/78.2
C385	4030017460	S.CER ECJ0EB1E102K	B	22.8/142.4
C386	4030017460	S.CER ECJ0EB1E102K	T	139.2/119.6
C387	4030017600	S.CER ECJ0EC1H080C	B	89.7/137.9
C388	4510009550	S.ELE EEEFK1C100R	T	126.4/77.2
C389	4030017200	S.CER GRM31BR32J102KY01L	B	96.8/130.4
C390	4030011070	S.CER GRM31M2C2H5R0CY21L	B	87.6/133.2
C391	4030017460	S.CER ECJ0EB1E102K	T	122.2/76
C392	4030017520	S.CER ECJ0EC1H0R3B	B	95.4/134.3
C393	4030011050	S.CER GRM31M3C2H3R0CY21L	B	98.4/126.8
C394	4550006250	S.TAN TEESVA 1A 106M8R	B	26.3/15.3
C395	4030011050	S.CER GRM31M3C2H3R0CY21L	B	100.5/126.9
C396	4510009550	S.ELE EEEFK1C100R	T	97/77.8
C397	4030017460	S.CER ECJ0EB1E102K	T	137.4/118.5
C398	4550006250	S.TAN TEESVA 1A 106M8R	B	31.7/15.5
C399	4030017460	S.CER ECJ0EB1E102K	T	100/76.1
C400	4030017460	S.CER ECJ0EB1E102K	B	86.2/129.8
C401	4030011080	S.CER GRM31M2C2H6R0DV01L	B	103.2/130.9
C402	4030016930	S.CER ECJ0EB1A104K	T	47.2/71.6
C403	4030011050	S.CER GRM31M3C2H3R0CY21L	B	106.2/130.9
C404	4030017460	S.CER ECJ0EB1E102K	T	140.7/129.2
C405	4030017420	S.CER ECJ0EC1H470J	B	56.7/55.3
C406	4030016790	S.CER ECJ0EB1C103K	T	103.5/76.2
C407	4030011030	S.CER GRM31M4C2H1R5CY21L	B	102.6/137.2
C408	4030017460	S.CER ECJ0EB1E102K	B	98.1/138.5
C409	4030011050	S.CER GRM31M3C2H3R0CY21L	B	110.9/136
C410	4030011050	S.CER GRM31M3C2H3R0CY21L	B	113/134
C411	4550007650	S.TAN F931V105MAABMA	T	37.5/68.6
C412	4030017460	S.CER ECJ0EB1E102K	T	112.6/78.5
C413	4030016930	S.CER ECJ0EB1A104K	T	38.5/71.9
C414	4030017420	S.CER ECJ0EC1H470J	B	29.7/135.9
C415	4550007650	S.TAN F931V105MAABMA	T	37.5/63.4

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C416	4550006250	S.TAN TEESVA 1A 106M8R	T	107.8/81.5
C417	4030016930	S.CER ECJ0EB1A104K	T	15/125.7
C418	4550007650	S.TAN F931V105MAABMA	T	39.4/73.9
C419	4030011050	S.CER GRM31M3C2H3R0CY21L	[USA-01]	B 115.7/134
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	115.7/134
C420	4030016930	S.CER ECJ0EB1A104K	B	27.4/18.5
C422	4030006860	S.CER C1608 JB 1H 102K-T	B	119.5/139.5
C423	4030017460	S.CER ECJ0EB1E102K	B	119.4/145.9
C424	4030016930	S.CER ECJ0EB1A104K	T	14.1/125.7
C426	4030009530	S.CER C1608 CH 1H 030B-T	B	120.8/139.5
C431	4030018860	S.CER ECJ0EB0J105K	B	33.3/13.6
C432	4030016930	S.CER ECJ0EB1A104K	T	10.8/120.6
C433	4030006860	S.CER C1608 JB 1H 102K-T	B	139.5/137.7
C434	4030017460	S.CER ECJ0EB1E102K	B	140.5/131
C435	4030017460	S.CER ECJ0EB1E102K	T	54.8/29.8
C436	4030011050	S.CER GRM31M3C2H3R0CY21L	B	144.8/138.6
C437	4030016930	S.CER ECJ0EB1A104K	B	34.4/12
C438	4030016790	S.CER ECJ0EB1C103K	T	112.8/88.2
C439	4510009810	S.ELE EEEFK1E220R	T	128.4/89.8
C440	4030018900	S.CER ECJ0EB0J474K	T	7.9/129.6
C441	4030017440	S.CER ECJ0EC1H221J	T	12/126.2
C442	4510008780	S.ELE EEE1EA471P	B	9.6/119.8
C443	4030017460	S.CER ECJ0EB1E102K	T	111.9/88.2
C444	4030011070	S.CER GRM31M2C2H5R0CY21L	B	147/148.9
C446	4030017460	S.CER ECJ0EB1E102K	T	6.6/130.1
C448	4030017460	S.CER ECJ0EB1E102K	T	128.8/102.4
C449	4510008870	S.ELE EEE1AA471UP	B	8.9/139.2
C450	4030016930	S.CER ECJ0EB1A104K	T	7/125.3
C451	4030018860	S.CER ECJ0EB0J105K	T	8.6/125.3
C452	4030018860	S.CER ECJ0EB0J105K	T	72/98.2
C453	4030017460	S.CER ECJ0EB1E102K	T	130.8/103.6
C454	4030017430	S.CER ECJ0EC1H101J	B	46.3/56.9
C458	4030017460	S.CER ECJ0EB1E102K	T	114.8/95.7
C459	4030017460	S.CER ECJ0EB1E102K	T	116.3/119.1
C460	4030017460	S.CER ECJ0EB1E102K	B	9.6/147.3
C461	4030017420	S.CER ECJ0EC1H470J	T	114.8/94.8
C462	4030017420	S.CER ECJ0EC1H470J	T	115.3/119.1
C463	4030017420	S.CER ECJ0EC1H470J	B	9.6/146.4
C464	4510009680	S.ELE EEEFK1E471P	B	144.4/121.1
C465	4550006250	S.TAN TEESVA 1A 106M8R	T	102.7/92
C466	4030017420	S.CER ECJ0EC1H470J	T	99.9/88
C467	4030016930	S.CER ECJ0EB1A104K	T	62.3/58.5
C468	4030016930	S.CER ECJ0EB1A104K	T	61.7/56.9
C470	4030018860	S.CER ECJ0EB0J105K	T	7.4/122.5
C471	4030016790	S.CER ECJ0EB1C103K	T	7/124.4
C472	4030018860	S.CER ECJ0EB0J105K	T	10.9/117.7
C473	4030018860	S.CER ECJ0EB0J105K	T	5/118.9
C474	4030017780	S.CER ECJ0EB1E472K	T	115.3/17.6
C475	4510008120	S.ELE 16 CE 100 BS	T	125.1/12.1
C476	4510008120	S.ELE 16 CE 100 BS	T	125.1/19.3
C477	4030017780	S.CER ECJ0EB1E472K	T	119/12.3
C478	4030017780	S.CER ECJ0EB1E472K	T	115.3/12.2
C479	4510008120	S.ELE 16 CE 100 BS	T	104.8/14.3
C481	4030017460	S.CER ECJ0EB1E102K	B	63.2/122.2
C491	4030016930	S.CER ECJ0EB1A104K	T	60.4/60.1
C492	4030016930	S.CER ECJ0EB1A104K	B	13.5/32.6
C493	4510008870	S.ELE EEE1AA471UP	B	66.3/45.3
C494	4030016930	S.CER ECJ0EB1A104K	T	117.2/92.6
C495	4030016930	S.CER ECJ0EB1A104K	T	11.2/90.7
C496	4030016930	S.CER ECJ0EB1A104K	T	122.4/92.2
C497	4030016930	S.CER ECJ0EB1A104K	T	109.7/82
C498	4030016930	S.CER ECJ0EB1A104K	T	11.4/43.2
C501	4030017420	S.CER ECJ0EC1H470J	T	12.2/31.2
C502	4030017420	S.CER ECJ0EC1H470J	T	29.5/2.8
C503	4030017420	S.CER ECJ0EC1H470J	T	48/99.4
C506	4030016930	S.CER ECJ0EB1A104K	B	26.3/43.3
C507	4030016930	S.CER ECJ0EB1A104K	B	32.9/31
C508	4030016930	S.CER ECJ0EB1A104K	B	40.1/42.7
C509	4030016930	S.CER ECJ0EB1A104K	B	26.2/39
C510	4030016930	S.CER ECJ0EB1A104K	B	26.6/33
C511	4030016930	S.CER ECJ0EB1A104K	B	40.1/34.2
C512	4030017420	S.CER ECJ0EC1H470J	T	92/14.7
C513	4550006250	S.TAN TEESVA 1A 106M8R	B	8.4/59.8
C514	4030016930	S.CER ECJ0EB1A104K	B	11.7/53.5
C515	4030016930	S.CER ECJ0EB1A104K	B	15.5/54.4
C516	4030016930	S.CER ECJ0EB1A104K	T	65.1/69.6
C517	4030016930	S.CER ECJ0EB1A104K	B	15.6/63.1
C518	4030016930	S.CER ECJ0EB1A104K	B	12.4/62.4
C519	4030017460	S.CER ECJ0EB1E102K	B	15.6/59.9
C521	4030016930	S.CER ECJ0EB1A104K	B	18.1/53.6
C522	4030016930	S.CER ECJ0EB1A104K	T	51.2/31.8
C523	4030016930	S.CER ECJ0EB1A104K	T	51.2/31
C524	4030018910	S.CER C1608 JB 0J 475K-T	T	9.5/56
C525	4030018910	S.CER C1608 JB 0J 475K-T	B	25.8/58.3
C526	4030017730	S.CER ECJ0EB1E471K	B	29.8/57.9
C52				

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C545	4030011060	S.CER GRM31M2C2H4R0CY21L	T	97.6/106.8
C546	4030018910	S.CER C1608 JB 0J 475K-T	B	40.4/56.7
C547	4030017760	S.CER ECJ0EB1H222K	T	53.7/72.1
C548	4030016930	S.CER ECJ0EB1A104K	T	14.1/120.6
C549	4030017420	S.CER ECJ0EC1H470J	T	23.1/86.8
C550	4030017420	S.CER ECJ0EC1H470J	T	70.1/82.6
C551	4030017330	S.CER ECJ0EF1C104Z	T	114.2/28.9
C552	4030016790	S.CER ECJ0EB1C103K	B	121.9/48.8
C553	4030016930	S.CER ECJ0EB1A104K	B	30.8/19.4
C555	4030016930	S.CER ECJ0EB1A104K	B	69.8/75.5
C556	4030016930	S.CER ECJ0EB1A104K	T	105.2/28.6
C557	4030016930	S.CER ECJ0EB1A104K	T	97/28.6
C558	4550006250	S.TAN TEESVA 1A 106M8R	T	95.1/27.9
C559	4550007080	S.TAN TEESVA 1C 106M8R	T	45.9/75.5
C562	4030017420	S.CER ECJ0EC1H470J	T	38.5/76.1
C563	4030016930	S.CER ECJ0EB1A104K	B	26.5/122.3
C564	4030017570	S.CER ECJ0EC1H040B	B	68.3/131.3
C565	4030017340	S.CER ECJ0EC1H010B	B	47.9/113.5
C566	4030018860	S.CER ECJ0EB0J105K	B	39/72.7
C571	4030017580	S.CER ECJ0EC1H060C	T	64.6/99.1
C572	4030017580	S.CER ECJ0EC1H060C	T	65.6/99.1
C573	4030017580	S.CER ECJ0EC1H060C	T	65.3/97.4
C574	4030017580	S.CER ECJ0EC1H060C	B	64/134.7
C575	4030017420	S.CER ECJ0EC1H470J	B	62.9/132.4
C576	4030017460	S.CER ECJ0EB1E102K	T	67.1/106.5
C577	4030017460	S.CER ECJ0EB1E102K	T	67.1/104.9
C578	4030017200	S.CER GRM31BR32J102KY01L	T	92/126
C579	4550006250	S.TAN TEESVA 1A 106M8R	B	94.7/50.6
C580	4030017420	S.CER ECJ0EC1H470J	T	100.7/73.5
C581	4030018910	S.CER C1608 JB 0J 475K-T	B	46.3/60.9
C582	4030018910	S.CER C1608 JB 0J 475K-T	T	69.7/98.2
C583	4030016930	S.CER ECJ0EB1A104K	B	46.3/58.6
C584	4030016790	S.CER ECJ0EB1C103K	B	54.9/55.3
C585	4030016930	S.CER ECJ0EB1A104K	B	54.9/58.6
C586	4030017730	S.CER ECJ0EB1E471K	B	54.9/56.9
C587	4030016790	S.CER ECJ0EB1C103K	B	52.3/59.8
C588	4030018910	S.CER C1608 JB 0J 475K-T	T	70.9/98.2
C601	4030011060	S.CER GRM31M2C2H4R0CY21L	T	97.6/111.3
C610	4030018080	S.CER ECJ0EB1H182K	T	63.3/69.6
C612	4030017460	S.CER ECJ0EB1E102K	B	55.7/29.9
C614	4030017730	S.CER ECJ0EB1E471K	B	29/13.2
C615	4030017650	S.CER ECJ0EC1H270J	B	63.2/117.5
C616	4030017460	S.CER ECJ0EB1E102K	T	93.8/64.6
C617	4030017420	S.CER ECJ0EC1H470J	T	60/64.8
C618	4030017420	S.CER ECJ0EC1H470J	T	64.9/53.3
C619	4030017420	S.CER ECJ0EC1H470J	T	74.2/107.7
C620	4030017420	S.CER ECJ0EC1H470J	T	73.7/96.8
C621	4030017420	S.CER ECJ0EC1H470J	T	31.5/2.8
C622	4030018910	S.CER C1608 JB 0J 475K-T	T	64.3/73.2
C623	4030017330	S.CER ECJ0EF1C104Z	B	126.8/16
C624	4030017330	S.CER ECJ0EF1C104Z	B	126.3/20.3
C625	4030017460	S.CER ECJ0EB1E102K	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23
J1	6510025220	S.CNR AXK540147YG	T	23.1/63.7
J2	6510023091	S.CNR 20FLT-SM2-TB(LF)(SN)(M)	T	14.8/15.6
J4	6510023511	S.CNR 28FLT-SM2-TB(LF)(SN)(M)	T	70.8/102
J5	6510023110	CNR 3008L-8P8C <KIN>		
J6	6450000140	CNR HSJ0807-01-010		
J8	6510023091	S.CNR 20FLT-SM2-TB(LF)(SN)(M)	T	59.1/15.6
J9	6510019371	S.CNR B3B-ZR-SM4-TF (LF) (SN)	T	94.6/14.3
J10	6510004910	CNR NR-DS-E 01		
J11	6510004910	CNR NR-DS-E 01		
DS1	5040002961	S.LED SML-A12MT T86J	B	96/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126/1.1
DS3	5040003000	S.LED SML-A12UT-T86	B	111/1.1
MF1	2710000870	FAN AFB0512HB-7X22 <USE>HK		
W1	7120000470	JMP ERDS2T0		
W2	7120000470	JMP ERDS2T0		
W4	8900017520	CBL OPC-1783		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	30.4/60.5
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.8/39.3
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP11	6910010280	BEA HF70BB9.5X10.4X4.9		
EP12	6910010280	BEA HF70BB9.5X10.4X4.9		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		

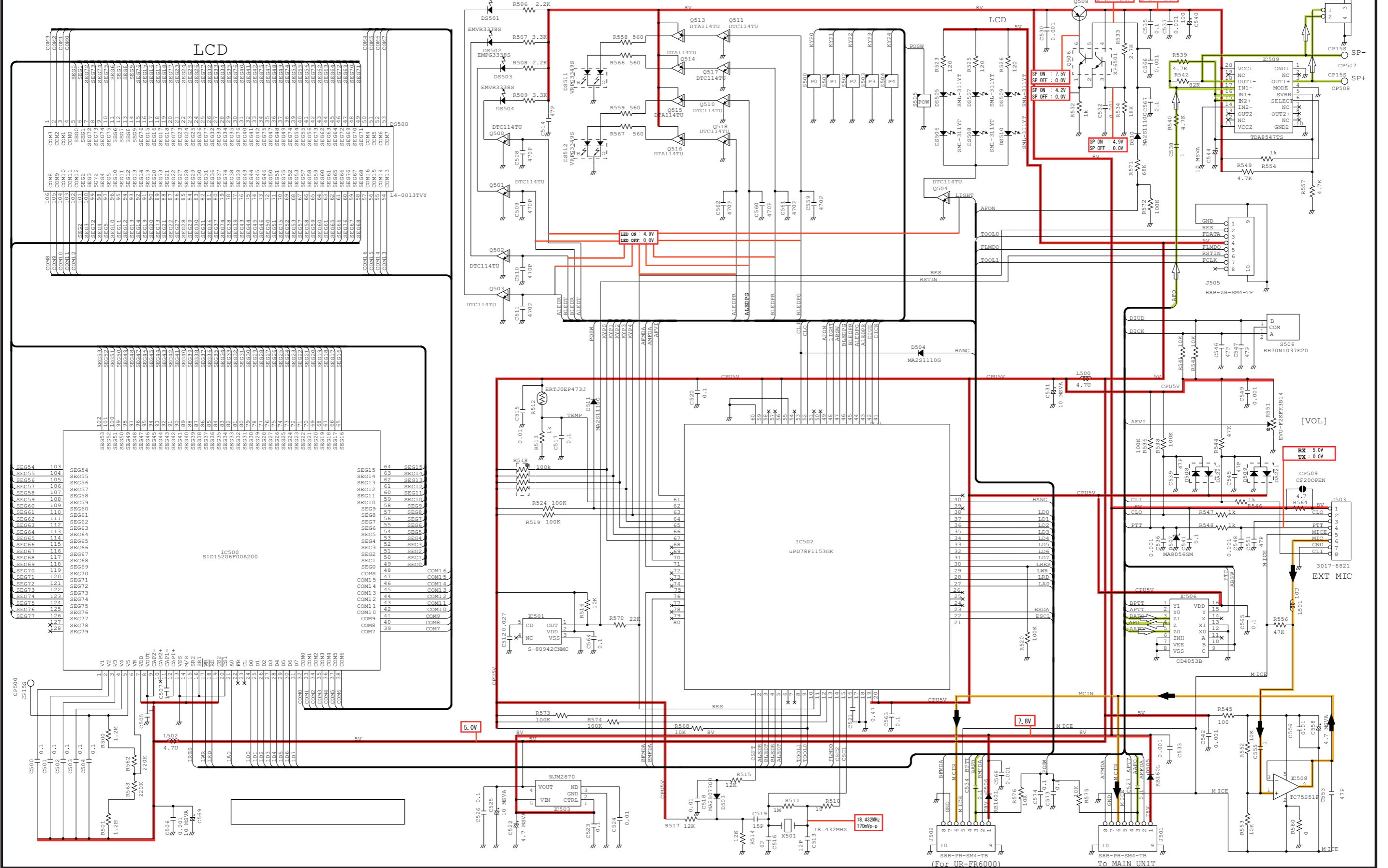
[CONNECT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C601	4030017420	S.CER ECJ0EC1H470J	T	13.8/12.4
C602	4030017400	S.CER ECJ0EC1H220J	T	12.2/12.4
C603	4030017420	S.CER ECJ0EC1H470J	T	16.5/12.4
C604	4030017400	S.CER ECJ0EC1H220J	T	15/14.2
C605	4030017420	S.CER ECJ0EC1H470J	T	17.8/13.9
C606	4030017420	S.CER ECJ0EC1H470J	T	19.4/12.4
C607	4030017420	S.CER ECJ0EC1H470J	T	20.5/13.9
C608	4030017420	S.CER ECJ0EC1H470J	T	22.6/12.4
C609	4030017420	S.CER ECJ0EC1H470J	T	25.5/12.4
C610	4030017420	S.CER ECJ0EC1H470J	T	29.7/12.8
C611	4030017420	S.CER ECJ0EC1H470J	T	31/14.1
C612	4030017420	S.CER ECJ0EC1H470J	T	32.4/12.8
C613	4030017420	S.CER ECJ0EC1H470J	T	33.5/14.1
C614	4030017420	S.CER ECJ0EC1H470J	T	35.2/14.1
C615	4030017420	S.CER ECJ0EC1H470J	T	35.7/12.8
C616	4030017420	S.CER ECJ0EC1H470J	B	35.2/15.6
C617	4030017420	S.CER ECJ0EC1H470J	T	37.5/13.5
C618	4030017420	S.CER ECJ0EC1H470J	T	39.3/12.2
C619	4030017420	S.CER ECJ0EC1H470J	T	39.9/13.4
C620	4030017420	S.CER ECJ0EC1H470J	T	41.3/12.6
C621	4030017420	S.CER ECJ0EC1H470J	T	27.4/13.9
J601	6510026290	S.CNR IMSA-9631S-28Y921	B	22.8/16.2
J602	6510023210	CNR CD6125SA1J0 <CVI>		
S1	2260003070	S.SW MINISMDC150F/24-2	B	38.9/18
W601	8900017500	CBL OPC-1852 (P0.5,N28,L90)		

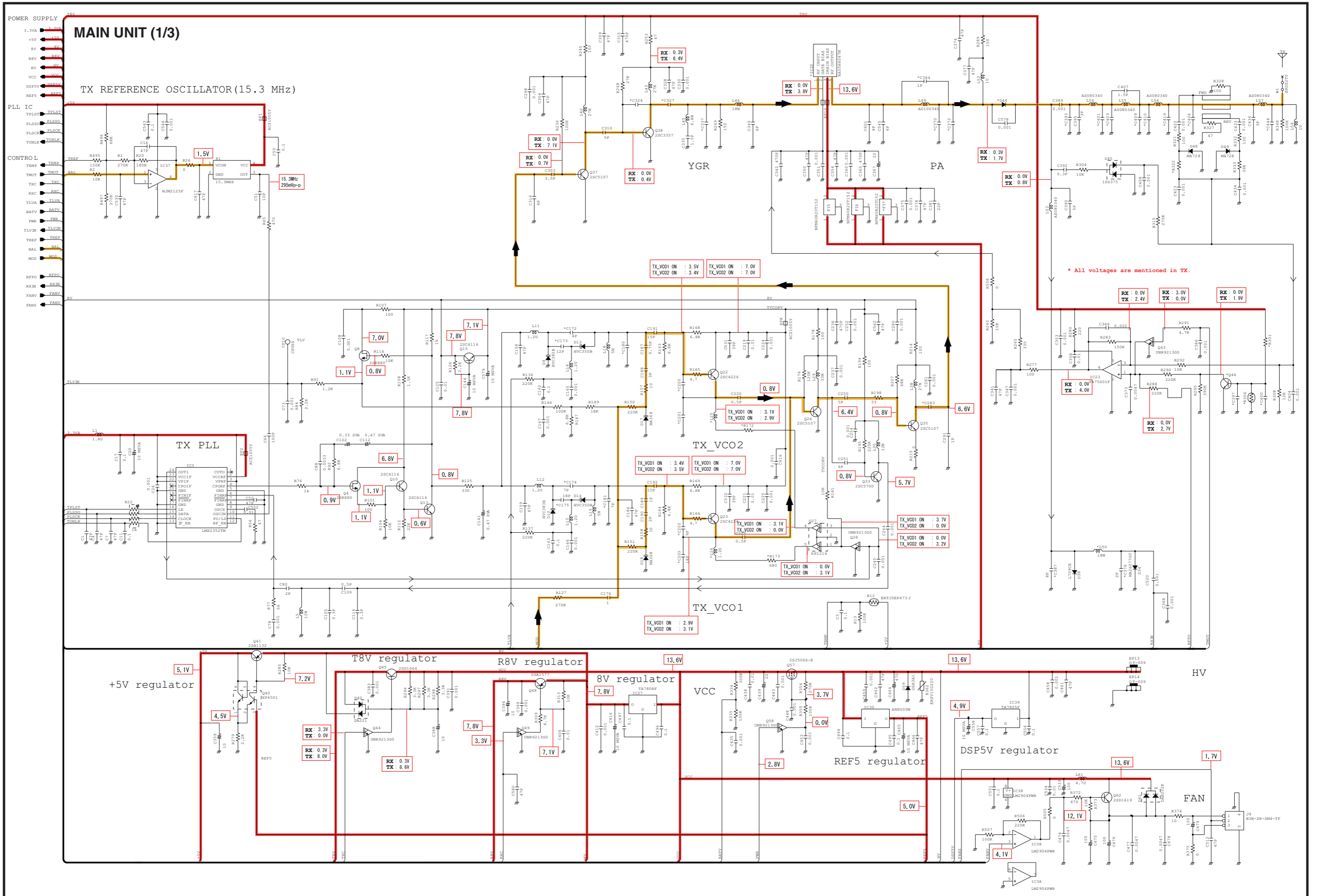
M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

# VOLTAGE DIAGRAM

## FRONT UNIT



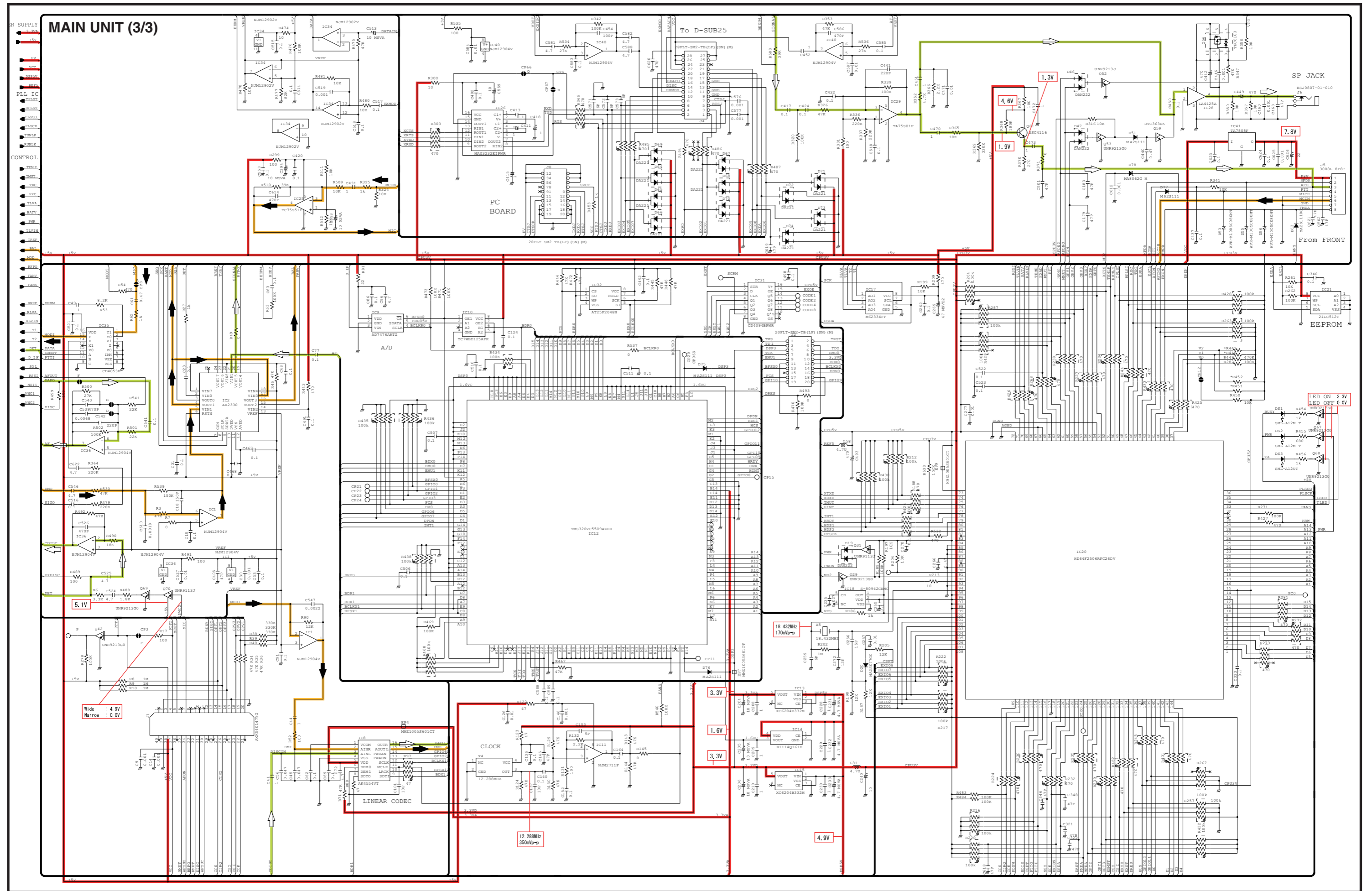
\*; Refer to "PARTS LIST."



\*; Refer to "PARTS LIST."







\*; Refer to "PARTS LIST".



# SERVICE MANUAL

UHF FM REPEATER

**IC-FR6000**  
**IC-FR6100**

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S-14419XZ-C1  
Feb. 2008

Icom Inc.

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## INTRODUCTION

This service manual describes the latest service information for the **IC-FR6000** UHF DIGITAL REPEATER at the time of publication.

MODEL	VERSION	FREQUENCY RANGE	CH. SPACING	TX POWER
IC-FR6000	USA-01	400–470 MHz	6.25/12.5/25.0 kHz	50 W
	USA-02	450–520 MHz		
	EXP-01	400–470 MHz	12.5/25.0 kHz	
	EXP-02	450–520 MHz		
IC-FR6100	EUR-01	400–470 MHz	12.5/20.0/25.0 kHz	25 W

### UNIT ABBREVIATIONS:

F=FRONT UNIT  
M=MAIN UNIT  
CN=CONNECT UNIT

## CAUTION

**NEVER** connect the repeater to an AC outlet or to a DC power supply that uses more than specified. This will ruin the repeater.

**DO NOT** expose the repeater to rain, snow or any liquids.

**DO NOT** reverse the polarities of the power supply when connecting the repeater.

**DO NOT** apply an RF signal of more than 20 dBm (100 mW) to the antenna connector. This could damage the repeater's front-end.

To upgrade quality, any electrical or mechanical parts and internal circuits are subject to change without notice or obligation.



## ORDERING PARTS

Be sure to include the following four points when ordering replacement parts:

1. 10-digit Icom parts numbers
2. Component name
3. Equipment model name and unit name
4. Quantity required

### <ORDER EXAMPLE>

1110003491 S.IC TA31136FNG IC-FR6000 MAIN UNIT 5 pieces  
8820001210 Screw 2438 screw IC-FR6000 Top cover 10 pieces

Addresses are provided on the inside back cover for your convenience.

## REPAIR NOTES

1. Make sure the problem is internal before disassembling the repeater.
2. **DO NOT** open the repeater until the repeater is disconnected from its power source.
3. **DO NOT** force any of the variable components. Turn them slowly and smoothly.
4. **DO NOT** short any circuits or electronic parts. An insulated tuning tool **MUST** be used for all adjustments.
5. **DO NOT** keep power ON for a long time when the repeater is defective.
6. **DO NOT** transmit power into a Standard Signal Generator or a Sweep Generator.
7. **ALWAYS** connect a 50 dB to 60 dB attenuator between the repeater and a Deviation Meter or Spectrum Analyzer when using such test equipment.
8. **READ** the instructions of test equipment thoroughly before connecting a test equipment to the repeater.

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## CONTENTS

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**SECTION 1 SPECIFICATIONS**

**SECTION 2 INSIDE VIEWS**

**SECTION 3 DISASSEMBLY INSTRUCTION**

**SECTION 4 OPTIONAL UNIT INSTALLATION**

**SECTION 5 CIRCUIT DESCRIPITON**

5-1	RECEIVER CIRCUITS.....	5-1
5-2	TRANSMITTER CIRCUITS.....	5-1
5-3	OTHER CIRCUITS.....	5-2
5-4	CPU (M: IC20) PORT ALLOCATION.....	5-3

**SECTION 6 ADJUSTMENT PROCEDURES**

6-1	PREPARATION.....	6-1
6-2	FREQUENCY ADJUSTMENT.....	6-6
6-3	TRANSMIT ADJUSTMENT.....	6-7
6-4	RECEIVE ADJUSTMENT.....	6-8

**SECTION 7 PARTS LIST**

**SECTION 8 MECHANICAL PARTS**

**SECTION 9 BOARD LAYOUTS**

**SECTION 10 BLOCK DIAGRAM**

**SECTION 11 VOLTAGE DIAGRAM**

FRONT UNIT.....	11-1
MAIN UNIT (1/3).....	11-2
MAIN UNIT (2/3).....	11-3
MAIN UNIT (3/3).....	11-4
CONNECT UNIT.....	11-5

# SECTION 1

# SPECIFICATIONS

■ GENERAL	[FR6000]	[FR6100]
• Frequency coverage	400–470 MHz [USA-01], [EXP-01] 450–520 MHz [USA-02], [EXP-02]	400–470 MHz
• Conventional channels	max. 32 ch	
• Type of emission	Wide 16K0F3E/11K0F3E/11K0F7E/1K0F7D/ 11K0F7W	Wide 16K0F3E
	–	Middle 14K0F3E
	Narrow 8K50F3E/8K10F1E/8K10F1D	Narrow 8K50F3E
	Digital 4K00F1E/4K00F1D/4K00F3E/6K00F3E	
• Antenna impedance	50 Ω (Nominal)	
• Operating temperature range	–22°F to +140°F (–30°C to +60°C)	–25°C to +55°C
• Power supply requirement (nominal)	13.6 V DC (Negative ground)	13.2 V DC (Negative ground)
• Current drain (Approx.)	Receiving 500 mA (stand-by), 1900 mA (max. audio)	
	Transmitting 15 A (at 50 W)	Transmitting 7.0 A (at 25 W)
• Dimensions (Projections not included)	19 1/32 (W)×3 15/32 (H)×10 1/4 (D) in.	483 (W)×88 (H)×260 (D) mm
• Weight (Approx.)	12 lb 9/16 oz.	5.6 kg

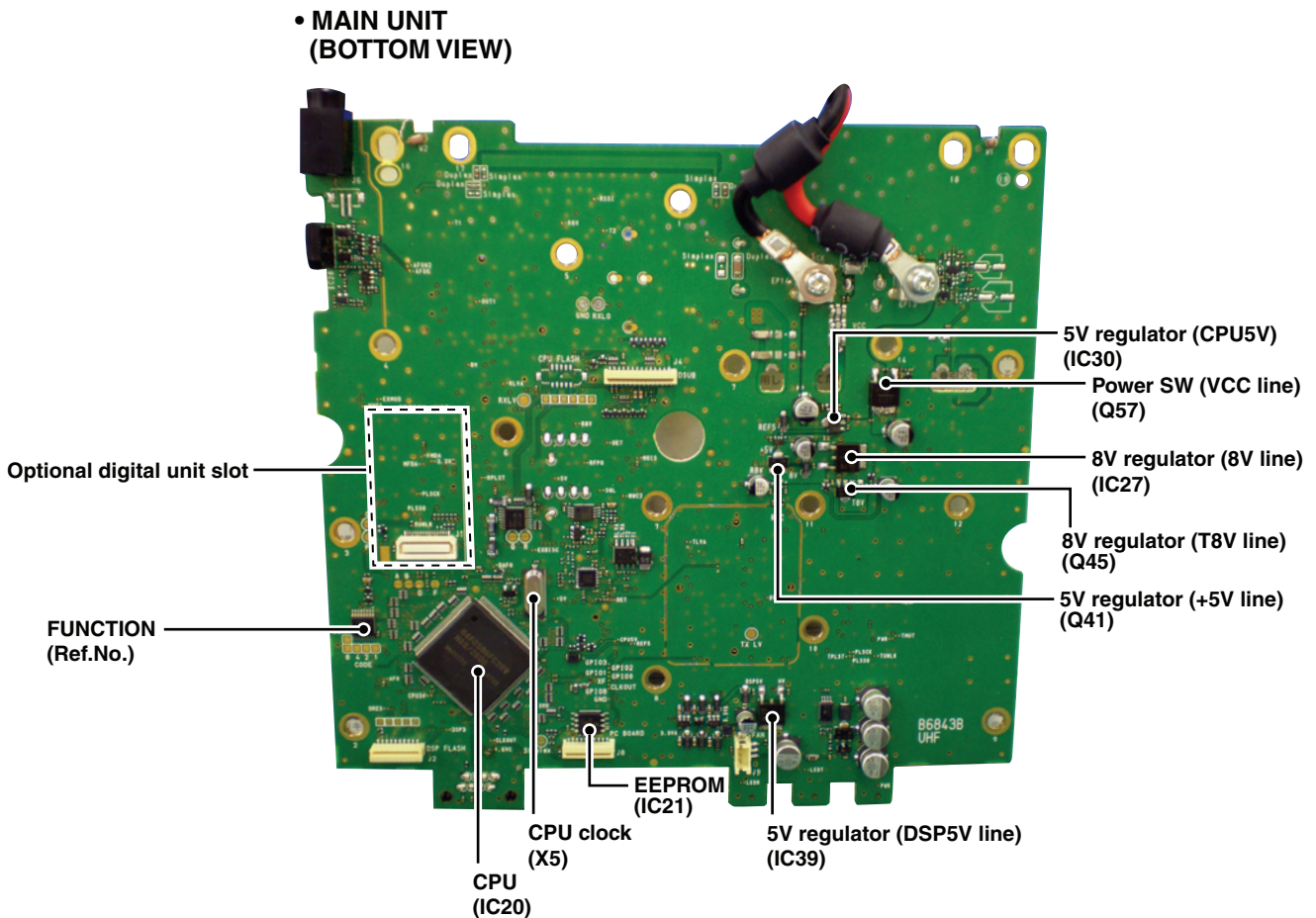
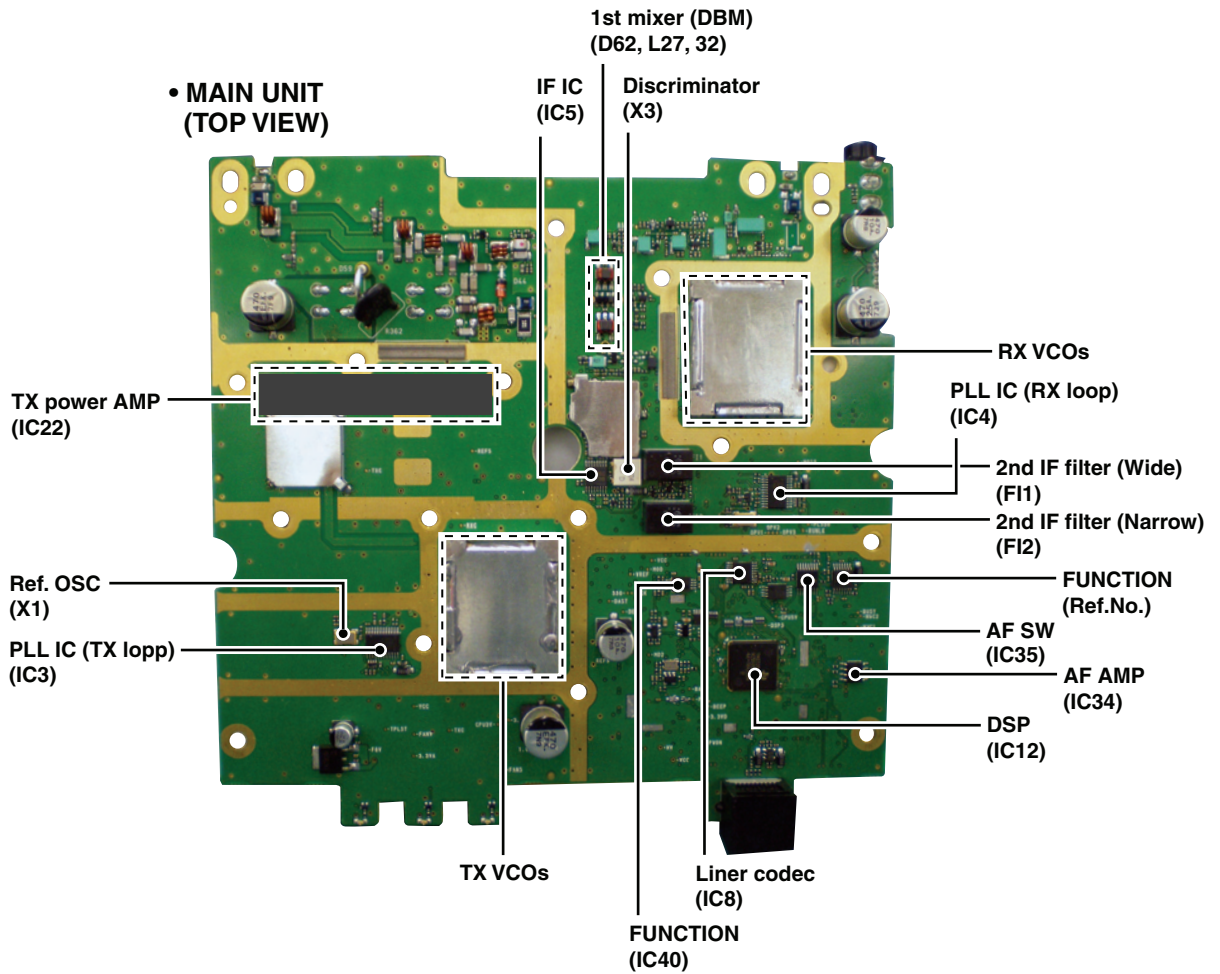
■ TRANSMITTER	[FR6000]	[FR6100]
• Output power	50 W	25 W
• Modulation	Variable reactance frequency modulation	
• Max. frequency deviation	±5.0 kHz (Wide)	
	–	±4.0 kHz (Middle)
	±2.5 kHz (Narrow)	
• Frequency stability	±0.5 ppm	±0.5 kHz
• Spurious emissions	80 dB typ.	0.25 μW (≤1 GHz), 1.00 μW (>1 GHz)
• Adjacent channel power	Wide 73 dB typ.	Wide 73 dB min.
	–	Middle 73 dB min.
	Narrow 67 dB typ.	Narrow 65 dB min.
	Digital 65 dB typ.	Digital 60 dB min.
• Audio harmonic distortion	1% typ. (at AF 1 kHz 40% deviation)	
• Audio frequency response	+2 dB to –8 dB of 6 dB/oct.	Wide/Middle from 300 Hz–3000 Hz Narrow from 300 Hz–2550 Hz
• FM Hum and noise (300 Hz–3000 Hz, 750 us)	Wide 50 dB typ. Narrow 45 dB typ.	

■ RECEIVER	[FR6000]	[FR6100]
• Receive system	Double-conversion superheterodyne system	
• Intermediate frequencies	1st IF: 46.35 MHz, 2nd IF: 450 kHz	
• Sensitivity	Wide/Narrow 0.25 $\mu$ V typ. at 12 dB SINAD	Wide/Middle/Narrow -10 dB $\mu$ max. at 12 dB SINAD
	Digital 0.25 $\mu$ V typ. at 5% BER	Digital 0 dB $\mu$ V emf max. at 1% BER (PN9)
• Squelch sensitivity (at threshold)	Wide/Narrow 0.25 $\mu$ V typ.	Wide/Middle/Narrow 0.25 $\mu$ V typ.
• Adjacent channel selectivity	Wide 78 dB typ.	Wide 70 dB min.
	–	Middle 70 dB min.
	Narrow 56 dB typ.	Narrow 60 dB min.
	Digital 63 dB typ.	Digital 45 dB min.
• Spurious response	Wide/Narrow 70 dB	Wide/Middle/Narrow 70 dB min.
	Digital 65 dB $\mu$ V emf	Digital 70 dB $\mu$ V emf min.
• Intermodulation	Wide 70 dB min.	
	–	Middle 70 dB min.
	Narrow 70 dB min.	
	Digital 71 dB $\mu$ V emf min.	
• Hum and noise	Wide 50 dB typ.	Wide 45 dB min.
	–	Middle 43 dB min.
	Narrow 45 dB typ.	Narrow 40 dB min.
	Digital 55 dB typ.	Digital 55 dB min.
• Audio output power (at 5% distortion with a 4 $\Omega$ load)	4.0 W typ.	3.5 W min.
• Audio output impedance	4 $\Omega$	

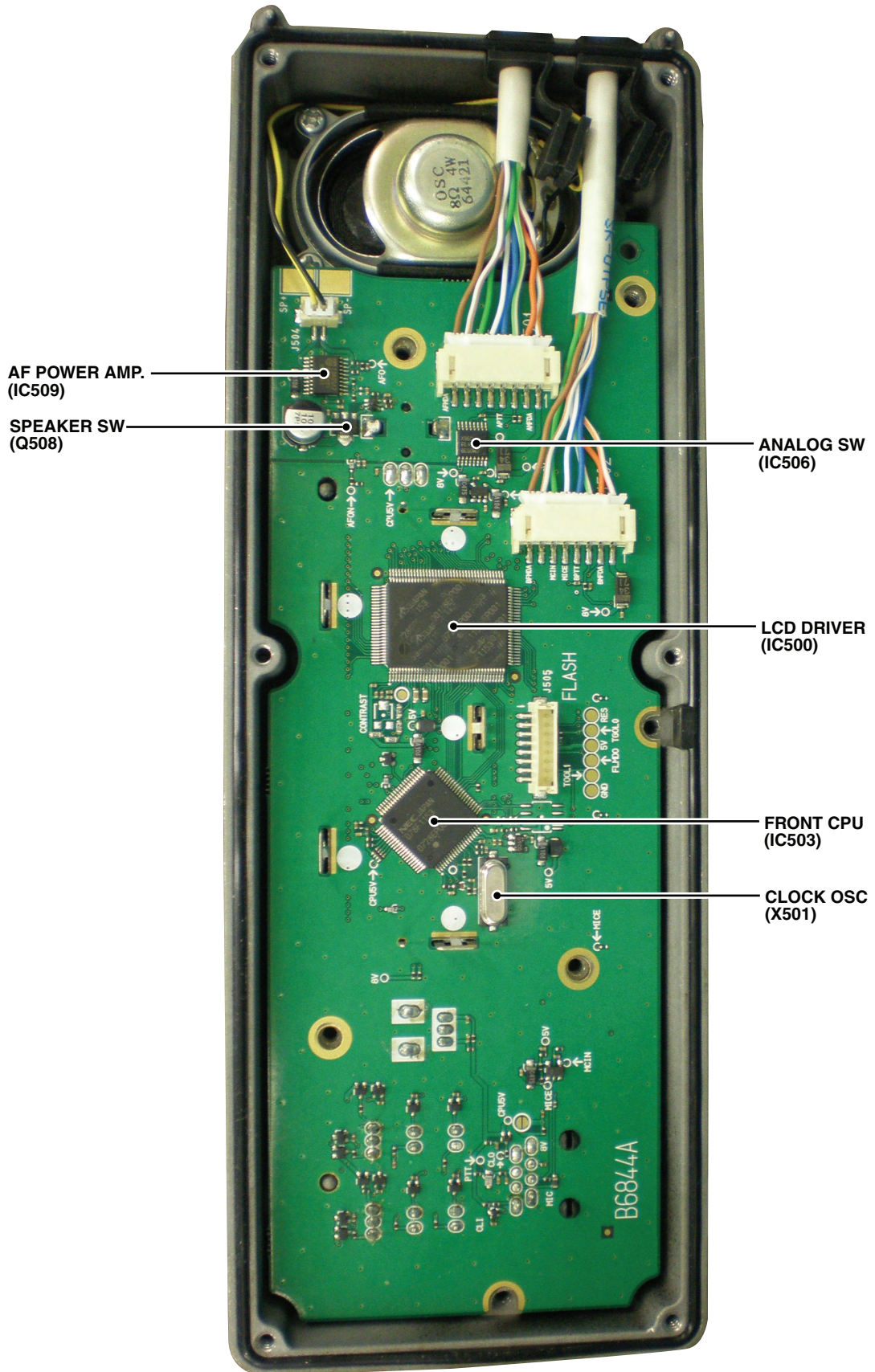
Specifications are measured in accordance with TIA-603-B (for Wide and Narrow) or EN 300 166 (Digital) for FR6000.

Specifications are measured in accordance with EN 300 086 (for Wide, Middle and Narrow) or EN 300 166 (Digital) for FR6100.

**All stated specifications are subject to change without notice or obligation.**



• FRONT UNIT

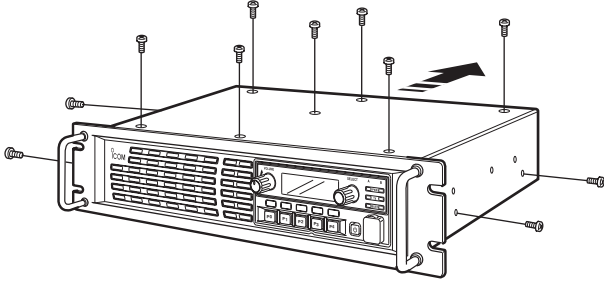




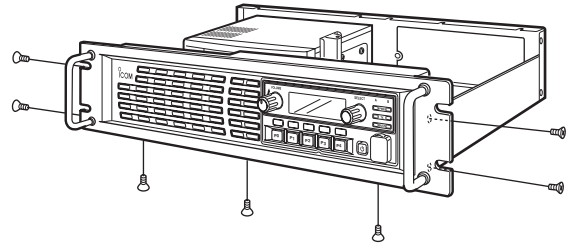
# SECTION 3 DISASSEMBLY INSTRUCTION

## 1. Removing the front panel

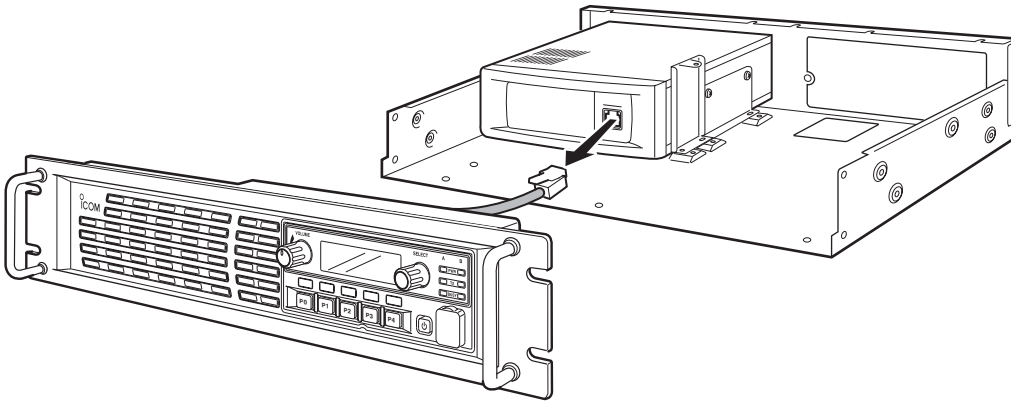
① Unscrew 11 screws from the top cover.



② Unscrew 7 screws from the front panel.

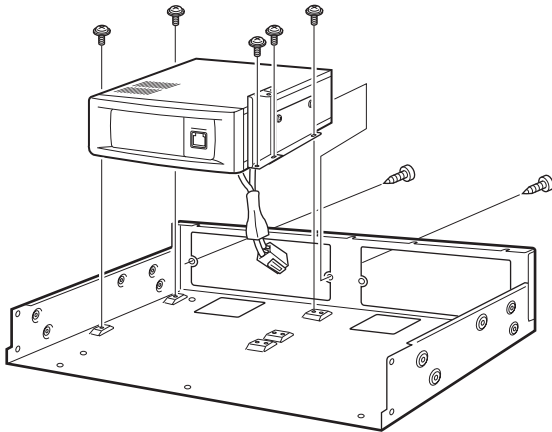


③ Disconnect the cable from the MAIN UNIT assembly, and remove the front panel.

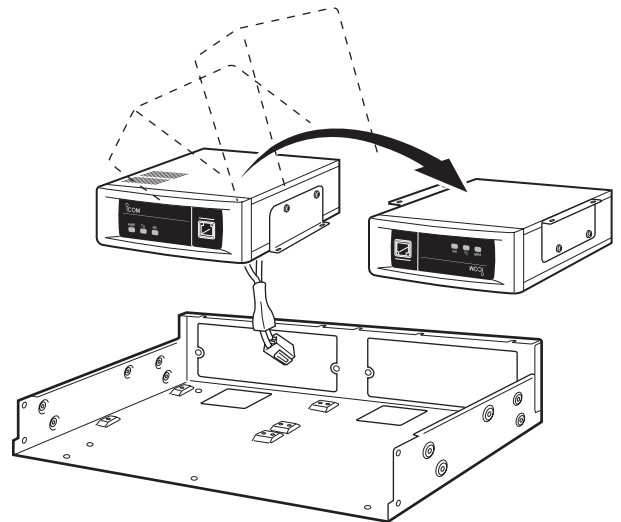


## 2. Removing the MAIN UNIT assembly

① Unscrew 5 screws which settles the MAIN UNIT assembly.



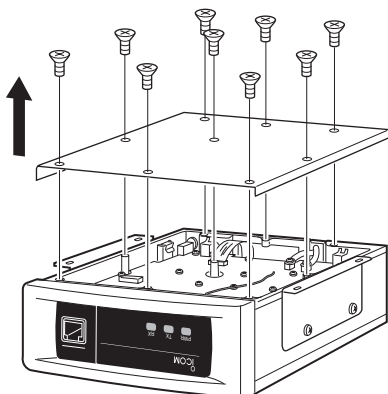
② Turn the MAIN UNIT assembly upside down.



## 3. Removing the MAIN UNIT

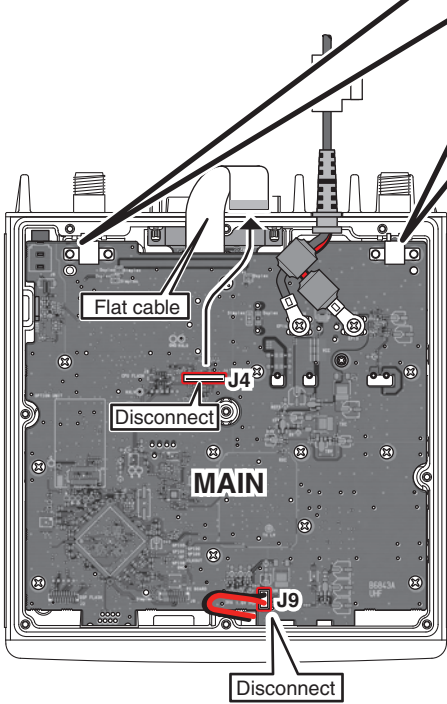
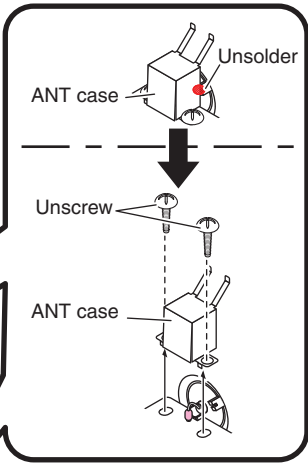
① Unscrew 9 screws, and remove the cover.

(If you are going to install an optional unit, see page 4-1 for the installation.)

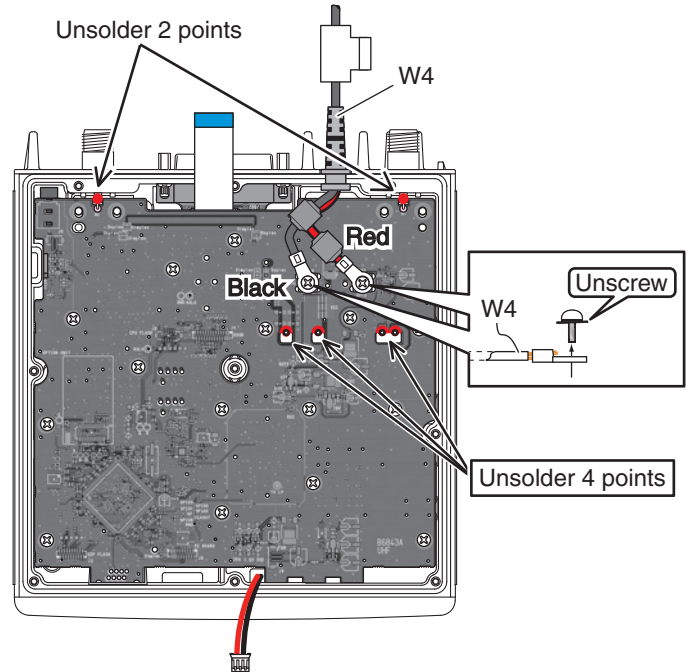


(To be continued to next page)

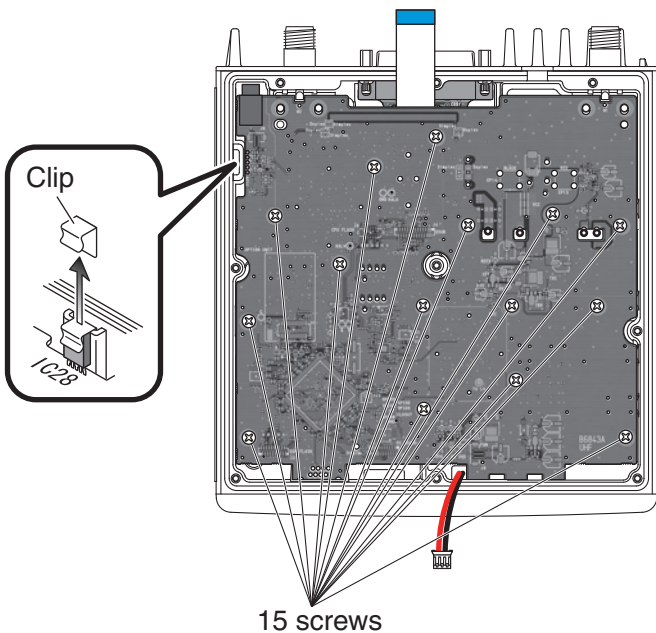
- ② Unsolder 2 points at the ANT cases.
- ③ Unscrew 4 screws from the ANT cases, and remove them.
- ④ Disconnect the flat cable from J4 and the speaker cable from J9.



- ⑤ Unsolder 2 points at the bottom of ANT connectors.
- ⑥ Unsolder 4 points at the PA module leads.
- ⑦ Unscrew 2 screws from W4.



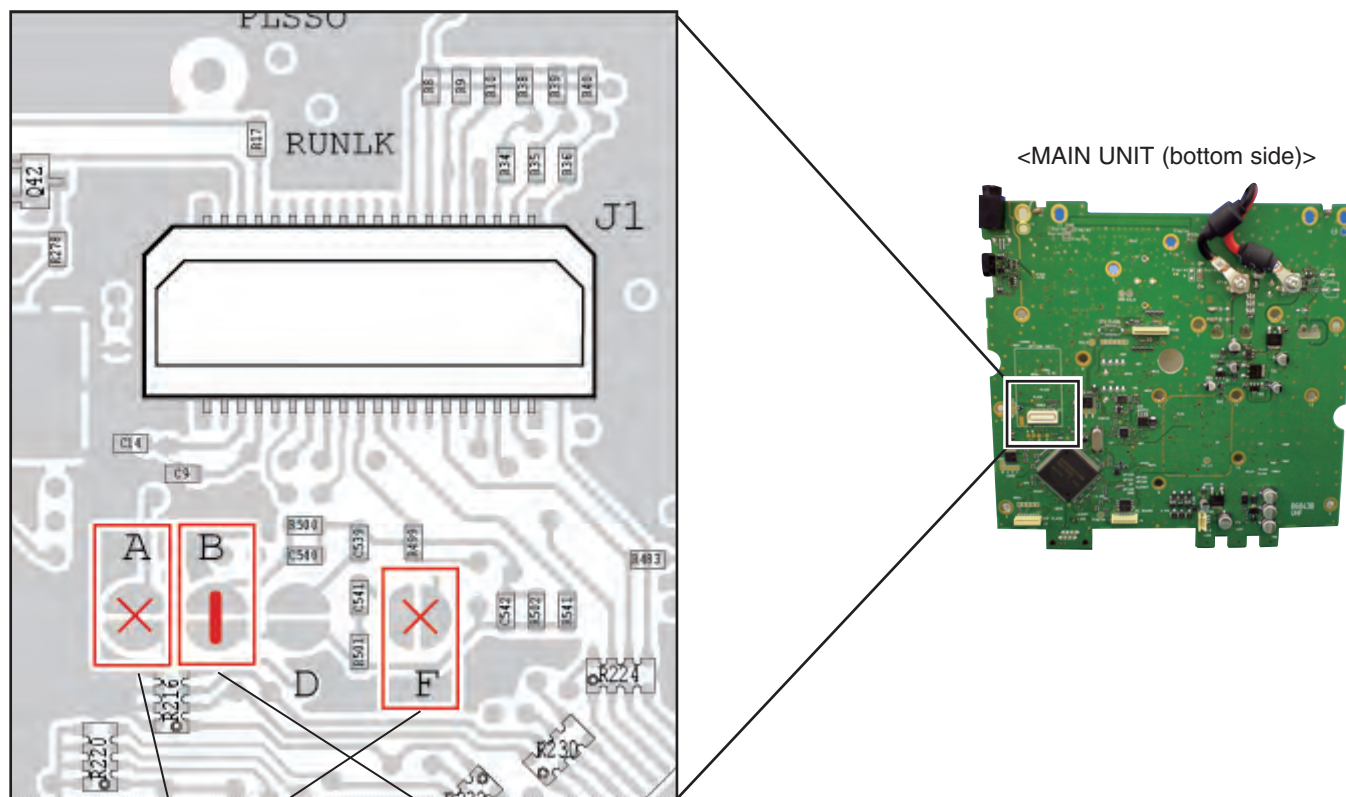
- ⑧ Remove the clip from the side of chassis.
- ⑨ Unscrew 15 screws from the MAIN UNIT, then take off the MAIN UNIT PCB from the chassis.



# SECTION 4 OPTIONAL UNIT INSTALLATION

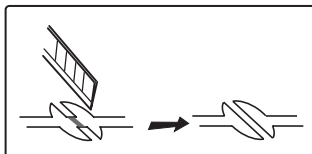
Install UT-109R or UT-110R as follows.

- ① Disassembly the repeater until the MAIN UNIT is exposed. (See the page 3-1)
- ② Modify the patterns on the MAIN UNIT as below.

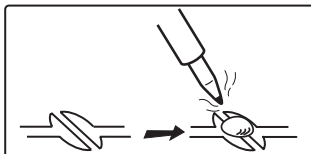


<MAIN UNIT (bottom side)>

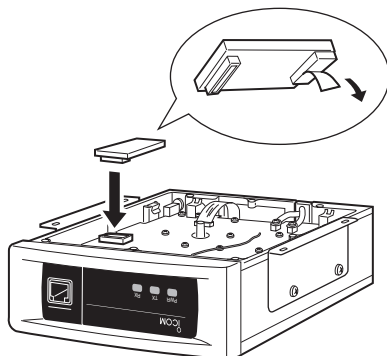
**A and F; Cut the pattern**



**B; Short the pattern**



- ③ Remove the protective paper of optional unit, and install it to the J1 as below.



- ④ Replace the cover, screws, etc. to recover the whole assembly.

**NOTE: When uninstalling the scrambler unit**

Be sure to recover the disconnected or connected points, otherwise no TX modulation or AF output is available.

## 5-1 TRANSMITTER CIRCUITS

### TX PLL CIRCUIT

TX PLL IC (IC3) outputs resulting signal of phase-comparison of REF signal (15.3 MHz) and feedback OSC signal from TX VCO. The phase-difference signal is passed through the active loop filter (Q4, 10, 13) and applied to the TX VCO. The voltage of TX LV is adjusted to appropriate one. The OSC signal of TX VCO is FM-modulated by applied modulation signals.

### TX VCO CIRCUITS

There are 2 VCOs; VCO for band LOW (Q23, D10, 14, L19) and band HIGH (Q22, D9, 13, L18), and these VCO (=OSC freq.) are switched by the VCO SW (Q27, 28). The OSC frequencies of these VCO are adjusted (=Locked) by the TX LV signal (Lock Voltage). The modulation signals applied to the Variable Capacitor (VD; D17 or D18) vary the capacitor reactance of it for FM modulation. The output signals of these VCOs are applied to the power AMP circuits via buffers (Q24, 35).

A portion of these output signals are passed through the doubler (Q33) to extract 2nd harmonics, then applied to the PLL IC (IC3) via the LPF.

### YGR/PA CIRCUITS

The output signals from TX VCOs are amplified by pre-AMPs (Q37, 38), the amplified the PA module (IC22) to obtain required TX power. The power-amplified TX signals are passed through the ANT SW (D44) and LPF (for harmonics removal) then applied to the TX ANT.

### APC CIRCUIT

D45, D48 and D49 detect the TX power and the detected voltage are applied to the IC23 of APC circuit. Comparing the detected voltage (in proportion to TX power) and power setting voltage (as a reference voltage), IC23 adjusts the bias (pin 2: VGG) of PA module to control the TX power.

### MODULATION CIRCUITS

The audio signals from the Microphone (MIC signals) are applied to the MIC AMP (IC25). The amplified MIC signals are passed through the SW IC (IC35) which signal selects the source of MIC signals from J5 (from MIC) and from D-SUB connector (DEXM).

The MIC signals from the SW IC are amplified by an AMP (IC1) then applied to the LINEAR CODEC IC (IC8) where the MIC signals are converted in to the digital signals. The converted digital signals are processed (pre-emphasis, limit, etc.) by the DSP (IC12), then recovered to the analog audio signals. The AF signals are amplified by IC1 and level-adjusted by Ele.VR (IC2), then applied to the TX VCO and TCXO (X1) as the modulation signals.

### SIGNALING (ENCODE)

The Continuous Tone (CTCSS/DTCS), Single Tone (5-Tone/DTMF/CW\_ID) signals are encoded in the DSP (IC12), and mixed with MIC signals, level-adjusted by Ele. VR (IC2), then applied to the TX VCO and TCXO (X1) for modulation.

## 5-2 RECEIVER CIRCUITS

### RX PLL CIRCUIT

The RX PLL IC (IC4) outputs resulting signal of phase-comparison of REF signal from the TCXO (X2: 15.3 MHz) and feedback OSC signal from RX VCO. The phase-difference signal is passed through the active loop filter (Q6, 11, 14) and applied to the RX VCO. The voltage of RX LV (lock voltage) is adjusted to appropriate one by "RX LVA" signal.

A portion of reference frequency signal from the TCXO (X2: 15.3 MHz) is passed through the tripler (Q2) to extract 3rd harmonics, then applied to the IF IC (IC5).

### RX VCO

There are 2 VCOs; VCO for band LOW (Q21, D8, 16, L21) and band HIGH (Q20, D7, 15, L20), and these VCO (=OSC freq.) are switched by the VCO SW (Q26, 30). The OSC frequencies of these VCO are adjusted (=Locked) by the RX LV signal (Lock Voltage). The output signals of these VCOs are applied to the 1st mixer (L27, 32, D62) via buffers (Q25, 34) and LO AMP (Q65).

A portion of these output signals are passed through the buffer (Q25) doubler (Q32) to extract 2nd harmonics, then applied to the PLL IC (IC4) via the LPF.

### RF BPF CIRCUITS

RX signals from the RX ANT connector (J11) are passed through the 1st stage of BPF (D28, 29, 31, 32, L44, 47) then amplified by the RF AMP (Q36). The amplified RX signals are passed through the 2nd stage of BPF to remove unwanted signals for good image response then applied to the 1st mixer (L27, 32, D62).

Being mixed with 1st LO from the RX VCO, the RX signals are converted into the 46.35 MHz 1st IF signal. The 1st and 2nd stage of the BPF are tune to the pass band frequency by applying the tracking voltage "T1" and "T2" from the DAC (IC17). The gain of low noise RF AMP (Q36) is controlled by the AGC circuit (Q39, D27) according to the RX signal strength.

## **IF FILTER/IF AMP CIRCUITS**

The 1st IF signal from the 1st mixer (L27, 32, D62) is amplified by the post AMP (Q63, 64) and 1st stage of IF AMP (Q7) then filtered by crystal filter (F13 or F14), and then applied to the IF IC (IC5).

The crystal filters (F13 or F14) are switched by the "NWC 1" signal from the CPU (IC20) according to the RX mode; Wide (Middle), Narrow and Digital.

### **<ANALOG RX>**

Being mixed with the 2nd LO, the 1st IF signal is converted into the 450 kHz 2nd IF signal then detected by the internal quadrature detector (X3 as a discriminator) to demodulate. The demodulated AF signals are amplified by the AF AMP (IC36), and applied to the LINER CODEC (IC8). The AF signals are converted into the digital signal then processed by the DSP (IC12) then recovered to the analog audio signals.

The ceramic filters (F11 or F12) are switched by the "NWC2" signal from the CPU (IC20) according to the RX mode; Wide (Middle), Narrow and Digital.

### **<DIGITAL RX>**

The 450 kHz 2nd IF signal is amplified by IC7 then applied to the DSP (IC12) via ADC (IC9) and digital demodulated. The processed digital signal is converted into the analog audio signal by the LINEAR CODEC (IC8).

## **AF AMPLIFIER CIRCUITS**

The AF signals from the LINEAR CODEC are amplified by the AF AMP (IC36) and level-adjusted by DAC (IC2), then applied to IC28 via IC29 to be power-amplified.

## **SIGNALING (DECODE)**

The Continuous Tone (CTCSS/DTCS), Single Tone (5-Tone/DTMF/CW\_ID) signals in the demodulated AF signals are decoded in the DSP (IC8).

## **5-3 OTHER CIRCUITS**

### **POWER SUPPLY**

The power supply is switched by Q57 (ON/OFF). 5V (REF5) from the regulator (IC30) is passed through L58 to supply to CPU. The 5V also supplies to other sections of the repeater via Q41 as "+5V."

8V from the regulator (IC27) are supplies to various circuits, and also supplies to TX circuits as "T8V" and RX circuits as "8V."

5V from the regulator (IC39) supplies DSP as "DSP5" and supplies logic circuits; CPU, DSP, etc. via regulators (IC13, 14, 15).

The regulator "F8V" (IC41) provides the supply for FRONT UNIT.

### **COMPANDER**

The compander in the DSP (IC12) compresses the amplitude of MIC signals in TX, and expands in RX to provide high quality recovered sounds.

### **LED**

DS1 (BUSY), DS2(PWR) and DS3 (TX) indicate the repeater's status: Power ON, T/RX and Cloning.

## 5-4 CPU (M: IC20) PORT ALLOCATION

Pin No.	LINE NAME	DESCRIPTION	IN/OUT	CONDITION
140-144	D0-D4	DSP data bus line.	I/O	-
1-11	D5-D15	DSP data bus line.	I/O	-
15-28	A1-A14	DSP data bus line.	I/O	-
29	HRW	DSP data line.	I/O	-
32	FANS	Cooling fan (CH: MF1) rotation detect.	I	"H"=While the cooling fan is rotating.
33	TLED	TX indicator LED control signal.	O	"H"=TX
34	LEDR	RX indicator LED control signal.	O	"H"=Squelch open.
35	PLSCK	PLL (M: IC4) serial clock.	O	-
36	PLSSO	PLL (M:IC4) serial data.	O	-
41	PWON	Power line "VCC" control signal.	O	"H"=Power ON.
42	AFON2	AF power AMP. (M: IC28) control signal.	O	"H"=AF power AMP ON.
43	AFON	AF output select signal.	O	"H"=AF signals are output from the [ACCESSORY CONNECTOR].
44	ESCL	Serial clock to the EEPROM (M: IC21).	O	-
45	ESDA	Serial data to the EEPROM (M: IC21).	O	-
46	TXC	TX power line "T8V" control signal.	O	"H"=TX
47	RXC	RX power line "R8V" control signal.	O	"H"=RX
48	RPLST	RX PLL (M: IC4) strobe.	O	-
49	TPLST	TX PLL (M: IC3) strobe.	O	-
50	RUNLK	RX PLL (M: IC4) unlock signal.	I	"L"=Unlocked
51	TUNLK	TX PLL (M: IC3) unlock signal.	I	"L"=Unlocked
52	XCTS	Serial data from the RS-232 line driver (M: IC26).	I	-
53	XRTS	Serial data to the RS-232 line driver (M: IC26).	O	-
55	EXDA	External D/A port.	O	-
56	BEEP	Beep sounds (square waves).	O	-
57-59	OPV3-OPV1	Optional unit detect.	I	-
60	MMUT	MIC mute signal to the installed optional unit.	O	"H"=MIC mute
61	HANG	Microphone hang-up detect.	I	"L"=Hang-up
62	PTT	[PTT] key input. (pull up)	I	-
63	RMUT	RX mute signal to the installed optional unit.	O	"H"=RX mute
64	EXAD	External A/D port.	I	-
65	TEMP	Temperature detect.	I	-
68	RLVIN	RX PLL lock voltage.	I	-
69	BATV	Voltage monitor (divided voltage of "VCC").	I	-
70	TLVIN	TX PLL lock voltage.	I	-
71	RSSI	RSSI signal from the IF IC (M: 5).	I	-
74	XTXD	External data to the RS-232 driver (M: IC26).	O	-
75	XRXD	External data from the RS-232 driver (M: IC26).	I	-
76	TMUT	TX mute signal.	O	"H"=TX mute
77	HINT	DSP IC control signal.	O	-
78	INT1	DSP IC control signal.	O	-
79	HRDY	DSP IC control signal.	O	-
81	HDS1	DSP IC control signal.	O	-
82	HDS2	DSP IC control signal.	O	-
100	RES	CPU reset signal from the reset IC (F: IC501).	O	-
101-108	EXIO1-EXIO8	External data bus line.	I/O	+5 V pull-up
112	POSW	[PWR] key input. (pull-up)	I	-
113	NOIS	Noise detect.	I	"H"=RX signal is absent (squelch close).
114	CSFT	Clock frequency shift signal.	O	-
119	SSO	Serial data to the seri-para converter (M: IC31).	O	-
120	SCK	Clock signal to the seri-para converter (M: IC31).	O	-
121	EXIO9	External data bus line.	I/O	+5 V pull-up
122	DSDA	Serial data to the DAC (M: IC17).	O	-

**3-4 CPU (M: IC20) PORT ALLOCATION (continued)**

Pin No.	LINE NAME	DESCRIPTION	IN/OUT	CONDITION
123	DAST	Strobe to the DAC (M: IC2).	O	–
125	FMDA	Data from the FRONT CPU (F: IC502).	I	–
126	MFDA	Data to the FRONT CPU (F: IC502).	O	–
127	OPT2	Port for optional unit.	O	–
128	OPT1	Port for optional unit.	I	–
129	OPT3	Port for optional unit.	I	–
131	CSO	Port for optional unit.	O	–
132	CSI	Port for optional unit.	I	–
133	EXOE	Output enable signal to the seri-para converter (M: IC31).	O	–
134	EXST	Strobe to the seri-para converter (M: IC31).	O	–
135	DRES	Reset signal to the DSP IC (M: IC12).	O	–
136	HCS	DSP data line.	I/O	–
138	GPIO2	DSP data line.	I/O	–
139	GPIO1	DSP data line.	I/O	–

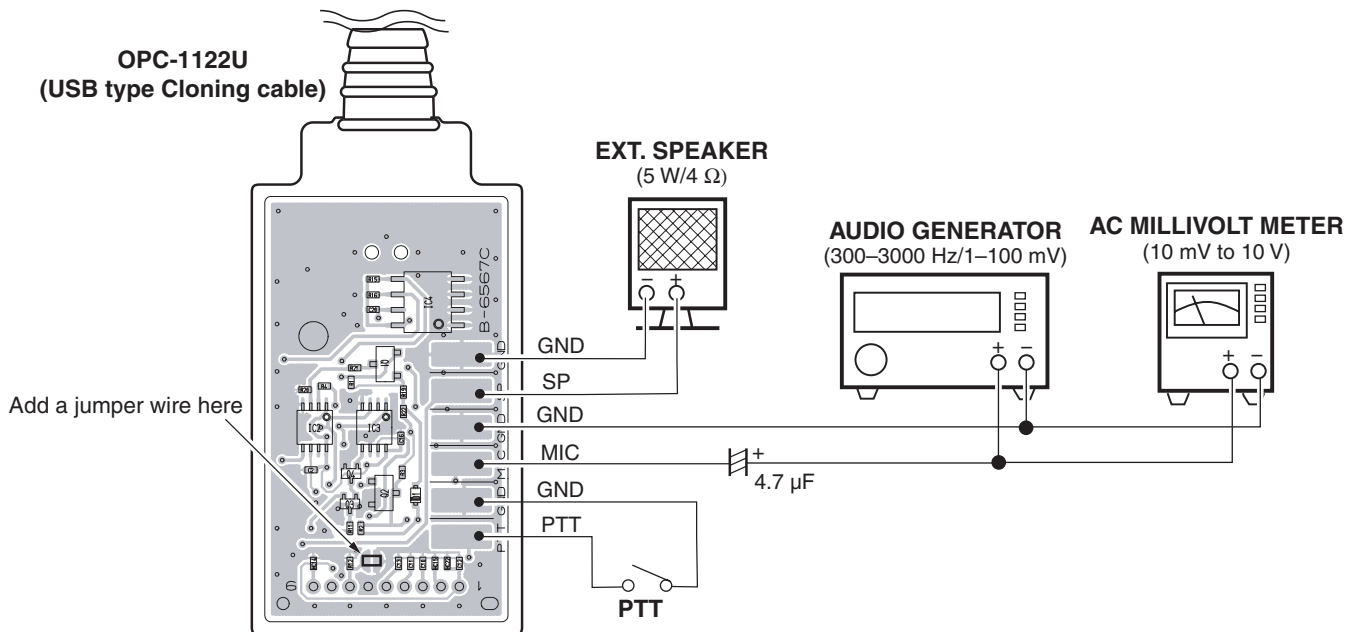
# SECTION 6 ADJUSTMENT PROCEDURE

## 6-1 PREPARATION

### ■ REQUIRED EQUIPMENTS

EQUIPMENT	SPECIFICATION	EQUIPMENT	SPECIFICATION
Adjustment Software	"CS-FR5000" (Revision 1.0 or later)	JIG cable	Modified OPC-1122U (USB type) (see the illust below)
Power Supply	Output voltage : 13.6 V DC [FR6000] 13.2 V DC [FR6100] Current capacity : More than 20 A [FR6000] More than 10 A [FR6100]	Attenuator	Power attenuation : 40 dB Capacity : More than 60 W [FR6000] More than 30 W [FR6100]
RF Power Meter (terminated type)	Measuring range : 1–60 W [FR6000] 1–30 W [FR6100] Frequency range : 100–600 MHz Impedance : 50 Ω SWR : Less than 1.2 : 1	Standard Signal Generator (SSG)	Frequency range : 0.1–600 MHz Output level : 0.1 mV to 32 mV (–127 to –17 dBm)
Frequency Counter	Frequency range : 0.1–600 MHz Frequency accuracy : ±1 ppm or better Input level : Less than 1 mW	Audio Generator	Frequency range : 300–3000 Hz Output level : 1–500 mV
		AC Millivoltmeter	Measuring range : 10 mV to 10 V
Modulation Analyzer	Frequency range : 30–600 MHz Measuring range : 0 to ±10 kHz	Oscilloscope	Frequency range : DC–20 MHz Measuring range : 0.01–20 V
		External Speaker	Input impedance : 4 Ω Capacity : More than 5 W

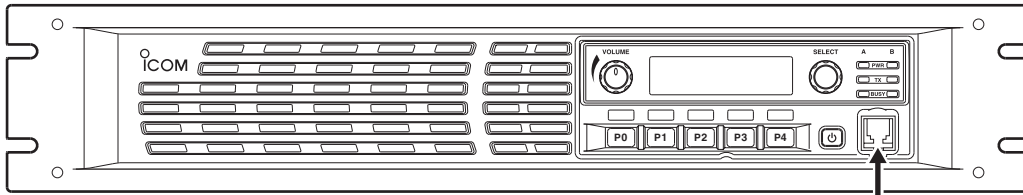
### ■ JIG CABLE



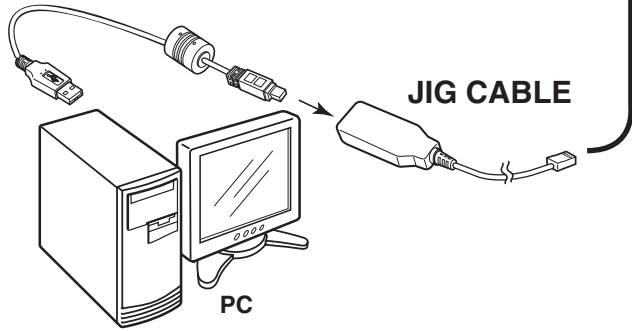


■ CONNECTION

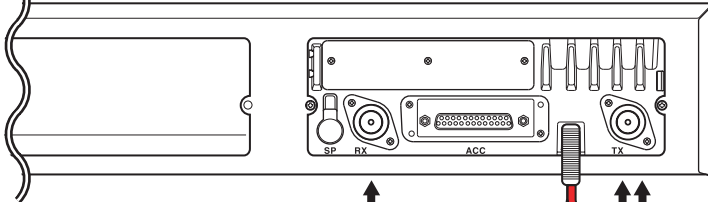
<Front view>



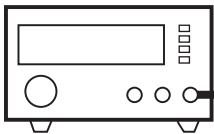
to the [MICROPHONE CONNECTOR]



<Rear view>

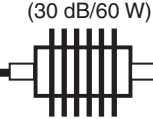


STANDARD SIGNAL GENERATOR  
(0.1–600 MHz)

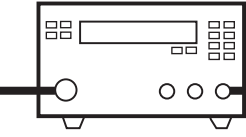


20 A fuses

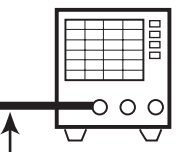
ATTENUATOR  
(30 dB/60 W)



MODULATION ANALYZER  
(0.1–600 MHz)

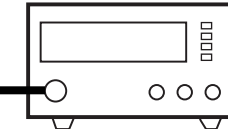


OSCILLOSCOPE  
(DC to 10 kHz)



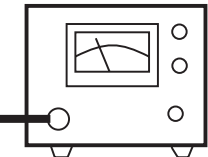
(Detect output)

FREQUENCY COUNTER  
(0.1–600 MHz)

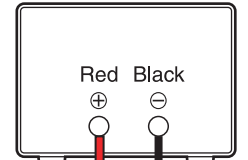


(Loose Coupling)

RF POWER METER



DC power supply



Red (+) Black (-)

DC power cable

## ADJUSTMENT CHANNEL LISTS

Clone the adjust channels into the repeater before starting adjustment. Each channel must be assigned [Frequency], [RF PWR], [CH Type], [TX C. Tone] and [W/N] as below.

### • Channel list for [Low band] version

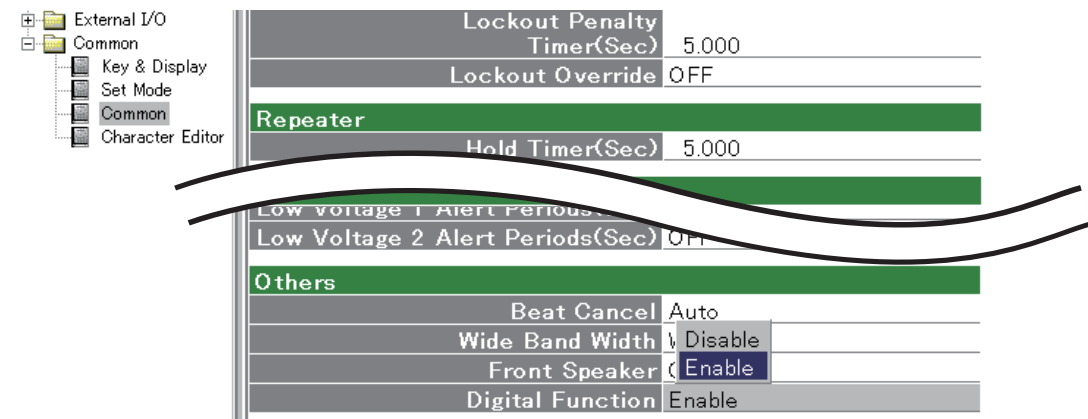
CH	Atr	Inh	Operation Mode	Frequency (MHz)			Text	TOT			RF PWR	Lock-out	to an	CH Type	Au Res	FM	
				RX	TX	TX Inh		Local Mic	Repeat/EPTT	TX C.Tone						W/N	
1- 1	AB		Simplex	400.100000	<-		LV L ADJ				L1		Analog	Tim		W	
1- 2			Simplex	435.100000	<-		LV H ADJ				L1		Analog	Tim		W	
1- 3			Simplex	434.950000	<-		LV L VRFY				L1		Analog	Tim		W	
1- 4			Simplex	469.900000	<-		LV H VRFY				L1		Analog	Tim		W	
1- 5			Simplex	469.900000	<-		TX Freq				L1		Analog	Tim		W	
1- 6			Simplex	400.100000	<-		TX PWR Hi				H		Analog	Tim		W	
1- 7			Simplex	400.100000	<-		TX PWR L2				L2		Analog	Tim		W	
1- 8			Simplex	400.100000	<-		TX PWR L1				L1		Analog	Tim		W	
1- 9			Simplex	400.100000	<-		BAL				L1		Analog	Tim		W	
1- 10			Simplex	435.100000	<-		BAL Offset				L1		Analog	Tim		W	
1- 11			Simplex	400.100000	<-		DG Dev.				L1		Digital	Tim	----	-	
1- 12			Simplex	411.500000	<-		DG Dev. 0				L1		Digital	Tim	----	-	
1- 13			Simplex	423.200000	<-		DG Dev. 1				L1		Digital	Tim	----	-	
1- 14			Simplex	434.900000	<-		DG Dev. 2				L1		Digital	Tim	----	-	
1- 15			Simplex	435.100000	<-		DG Dev. Offs				L1		Digital	Tim	----	-	
1- 16			Simplex	446.600000	<-		DG Dev. 3				L1		Digital	Tim	----	-	
1- 17			Simplex	458.300000	<-		DG Dev. 4				L1		Digital	Tim	----	-	
1- 18			Simplex	469.900000	<-		DG Dev. 5				L1		Digital	Tim	----	-	
1- 19			Simplex	400.100000	<-		AN Dev. W				L1		Analog	Tim		W	
1- 20			Simplex	400.100000	<-		AN Dev. M				L1		Analog	Tim		W	
1- 21			Simplex	400.100000	<-		AN Dev. N				L1		Analog	Tim		N	
1- 22			Simplex	400.100000	<-		CT/DT Dev.				L1		Analog	Tim	151.4	W	
1- 23			Simplex	400.100000	<-	i	BPF C T2				L1		Analog	Tim		W	
1- 24			Simplex	469.900000	<-	i	BPF H ALL				L1		Analog	Tim		W	
1- 25			Simplex	400.100000	<-	i	RSSI				L1		Analog	Tim		W	
1- 26			Simplex	400.100000	<-	i	SQL				L1		Analog	Tim		W	


### • Channel list for [High band] version

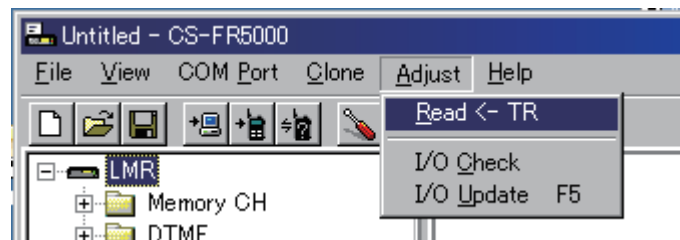
CH	Atr	Inh	Operation Mode	Frequency (MHz)			Text	TOT			RF PWR	Lock-out	to an	CH Type	Au Res	FM	
				RX	TX	TX Inh		Local Mic	Repeat/EPTT	TX C.Tone						W/N	
1- 1	AB		Simplex	450.100000	<-		LV L ADJ				L1		Analog	Tim		W	
1- 2			Simplex	485.100000	<-		LV H ADJ				L1		Analog	Tim		W	
1- 3			Simplex	484.950000	<-		LV L VRFY				L1		Analog	Tim		W	
1- 4			Simplex	519.900000	<-		LV H VRFY				L1		Analog	Tim		W	
1- 5			Simplex	519.900000	<-		TX Freq				L1		Analog	Tim		W	
1- 6			Simplex	450.100000	<-		TX PWR Hi				H		Analog	Tim		W	
1- 7			Simplex	450.100000	<-		TX PWR L2				L2		Analog	Tim		W	
1- 8			Simplex	450.100000	<-		TX PWR L1				L1		Analog	Tim		W	
1- 9			Simplex	450.100000	<-		BAL				L1		Analog	Tim		W	
1- 10			Simplex	485.100000	<-		BAL Offset				L1		Analog	Tim		W	
1- 11			Simplex	450.100000	<-		DG Dev.				L1		Digital	Tim	----	-	
1- 12			Simplex	461.500000	<-		DG Dev. 0				L1		Digital	Tim	----	-	
1- 13			Simplex	473.200000	<-		DG Dev. 1				L1		Digital	Tim	----	-	
1- 14			Simplex	484.900000	<-		DG Dev. 2				L1		Digital	Tim	----	-	
1- 15			Simplex	485.100000	<-		DG Dev. Offs				L1		Digital	Tim	----	-	
1- 16			Simplex	496.600000	<-		DG Dev. 3				L1		Digital	Tim	----	-	
1- 17			Simplex	508.300000	<-		DG Dev. 4				L1		Digital	Tim	----	-	
1- 18			Simplex	519.900000	<-		DG Dev. 5				L1		Digital	Tim	----	-	
1- 19			Simplex	450.100000	<-		AN Dev. W				L1		Analog	Tim		W	
1- 20			Simplex	450.100000	<-		AN Dev. M				L1		Analog	Tim		W	
1- 21			Simplex	450.100000	<-		AN Dev. N				L1		Analog	Tim		N	
1- 22			Simplex	450.100000	<-		CT/DT Dev.				L1		Analog	Tim	151.4	W	
1- 23			Simplex	450.100000	<-	i	BPF C T2				L1		Analog	Tim		W	
1- 24			Simplex	519.900000	<-	i	BPF H ALL				L1		Analog	Tim		W	
1- 25			Simplex	450.100000	<-	i	RSSI				L1		Analog	Tim		W	
1- 26			Simplex	450.100000	<-	i	SQL				L1		Analog	Tim		W	

## WHOLE PROCEDURE OF THE ADJUSTMENT

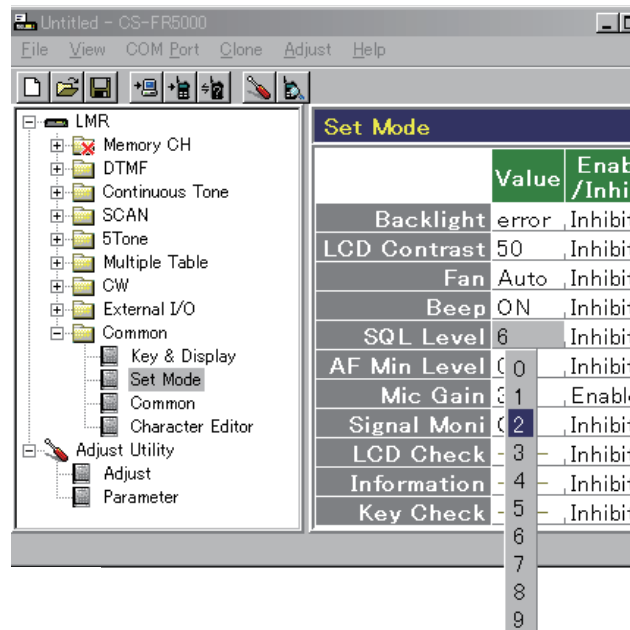
- ① Connect the repeater and PC with the JIG cable (see the page 6-2).
- ② Turn the repeater power ON.
- ③ Boot up 'CS-FR5000.'
- ④ Set the [Digital Function] to "Enable."



- ④ Click  or [Read ← TR] in the [Adjust] menu, then the "Adjust Utility" window (see the page 6-5) appears.

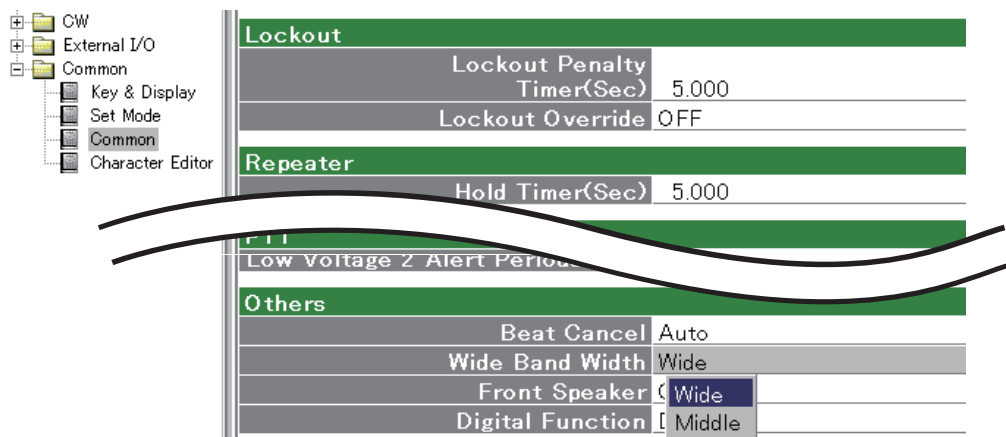


- ⑤ Set or modify adjustment values as specified in the guidances on the pages 6-6 to 6-9.



### \*For [FR6100]:

Set the [Wide Band Width] to "Middle" when adjust "ANALOG DEVIATION" in Middle mode.



# ADJUST UTILITY WINDOW

Adjust Utility				
Setting				
	CH No.	1	Receive Sim	
	RX Freq.		451.1000MHz	
	TX Freq.		452.1000MHz	
	RF Power.		Low	
	W/N		Wide	
	CH Type		FX=Digital TX=Digital	
Mode setting	TX Mode	17	Digital PNB	
	RX Mode	2	Digital	
	AF Volume	0	[-----]	
Adjust				
TX output power	Power (H)	208	[-----]	
	Power (L2)	150	[-----]	
	Power (L1)	76	[-----]	
Analog deviation	MOD (Wide)	139	[-----]	
	MOD (Mid)	144	[-----]	
	MOD (Narrow)	65	[-----]	
	MOD (Digital)	105	[-----]	
CTCSS/DTCS deviation	CTCSS/DTCS	137	[-----]	
	S.Tone	75	[-----]	
Squelch	SQL	50	[---]	
Expert				
TX frequency	RX REF	178	[-----]	
	TX REF	126	[-----]	
Lock volatge (Preset)	RX LVA L	80	[-----] [Enter] to Sweep	
	RX LVA H	62	[-----] [Enter] to Sweep	
	TX LVA L	166	[-----] [Enter] to Sweep	
	TX LVA H	105	[-----] [Enter] to Sweep	
Lock volatge (Adjustment)	LV (RX L)	36	0.70V	
	LV (RX H)	36	0.70V	
	LV (TX L)	36	0.70V	
	LV (TX H)	36	0.70V	
S-meter	RSSI	74	[Enter] to Capture	
Modulation balance	BAL	174	[-----]	
	BAL Offset (High)	0	[-----]	
Modulation balance (High)	PWR Hi Slant Band 0	0	[-----] 399.900000 - 411.599999 MHz	
	PWR Hi Slant Band 1	3	[-----] 411.600000 - 423.299999 MHz	
	PWR Hi Slant Band 2	4	[-----] 423.300000 - 434.999999 MHz	
	PWR Hi Slant Band 3	25	[-----] 435.000000 - 446.699999 MHz	
	PWR Hi Slant Band 4	8	[-----] 446.700000 - 458.399999 MHz	
	PWR Hi Slant Band 5	6	[-----] 458.400000 - 470.099999 MHz	
	PWR Hi Slant Band 6	0	[-----] 470.100000 - 481.799999 MHz	
	PWR L2 Slant Band 0	0	[-----] 399.900000 - 411.599999 MHz	
	PWR L2 Slant Band 1	4	[-----] 411.600000 - 423.299999 MHz	
	PWR L2 Slant Band 2	4	[-----] 423.300000 - 434.999999 MHz	
	PWR L2 Slant Band 3	17	[-----] 435.000000 - 446.699999 MHz	
	PWR L2 Slant Band 4	8	[-----] 446.700000 - 458.399999 MHz	
	PWR L2 Slant Band 5	6	[-----] 458.400000 - 470.099999 MHz	
	PWR L2 Slant Band 6	0	[-----] 470.100000 - 481.799999 MHz	
	PWR L1 Slant Band 0	0	[-----] 399.900000 - 411.599999 MHz	
	PWR L1 Slant Band 1	0	[-----] 411.600000 - 423.299999 MHz	
	PWR L1 Slant Band 2	2	[-----] 423.300000 - 434.999999 MHz	
	PWR L1 Slant Band 3	14	[-----] 435.000000 - 446.699999 MHz	
PWR L1 Slant Band 4	6	[-----] 446.700000 - 458.399999 MHz		
PWR L1 Slant Band 5	4	[-----] 458.400000 - 470.099999 MHz		
PWR L1 Slant Band 6	0	[-----] 470.100000 - 481.799999 MHz		
Digital deviation	MOD Slant Band 0	0	[-----] 399.900000 - 411.599999 MHz	
	MOD Slant Band 1	-9	[-----] 411.600000 - 423.299999 MHz	
	MOD Slant Band 2	-13	[-----] 423.300000 - 434.999999 MHz	
	MOD Slant Band 3	-2	[-----] 435.000000 - 446.699999 MHz	
	MOD Slant Band 4	-5	[-----] 446.700000 - 458.399999 MHz	
	MOD Slant Band 5	2	[-----] 458.400000 - 470.099999 MHz	
	MOD Slant Band 6	0	[-----] 470.100000 - 481.799999 MHz	
	MOD Offset (High)	0	[-----]	
*2Receive sensitivity (Band center)	BPF C ALL		[Enter] to Sweep	
	*1Receive sensitivity preset	BPF T1 C	4 [-----] [Enter] to Sweep	
	*1Receive sensitivity (Band center)	BPF T2 C	25	[#-----] [Enter] to Sweep
		BPF L ALL		[Enter] to Sweep
	Receive sensitivity (Band high)	BPF T1 L	80	[-----] [Enter] to Sweep
		BPF T2 L	45	[---] [Enter] to Sweep
		BPF H ALL		[Enter] to Sweep
		BPF T1 H	69	[-----] [Enter] to Sweep
BPF T2 H		53	[-----] [Enter] to Sweep	

\*1[Low band] only  
\*2[High band] only

## 6-2 FREQUENCY ADJUSTMENT

- 1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.
- 2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
PLL LOCK VOLTAGE -Preparation-	1	–	[LV (RX L)] [LV (RX H)] [LV (TX L)] [LV (TX H)]	36 [0.70V] (for each item)
-Adjust-RX (Band low)	2	• CH. : 1-1 • Receiving	[RX LVA L]	(Automatic adjustment)
RX (Band high)	3	• CH. : 1-2 • Receiving	[RX LVA H]	
TX (Band low)	4	• CH. : 1-1 • Transmitting	[TX LVA L]	
TX (Band high)	5	• CH. : 1-2 • Transmitting	[TX LVA H]	
LOCK VOLTAGE VERIFY	1	• CH. : 1-3 • Receiving	[RX LIVIN] (I/O Check window)	3.0–4.3 V (Verify)
RX (Band low)				
RX (Band high)	2	• CH. : 1-4 • Receiving		3.0–4.0 V (Verify)
TX (Band low)	3	• CH. : 1-3 • Transmitting	[TX LIVIN] (I/O Check window)	2.7–4.0 V (Verify)
TX (Band high)	4	• CH. : 1-4 • Transmitting		3.0–4.2 V (Verify)
TX FREQUENCY	1	–	[TX Mode]	"1"
	2	• CH. : 1-5 • Transmitting	[TX REF]	469.9000 MHz [Low band] 519.9000 MHz [High band]

### • I/O CHECK WINDOW

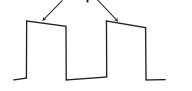
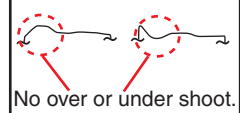
Input	Dec	Hex	Data
VIN	180	B4	14.12V
TEMPS	108	06	28.21°C
RX LVIN	116	74	2.27V
TX LVIN	219	DB	4.29V
SD	28	1C	0.55V
Output	Dec	Hex	Data
BPF T1	165	A5	3.24V
BPF T2	253	FD	4.96V
RF POWER	0	0	0.00V
RX LVA	165	A5	3.24V
TX LVA	145	91	2.84V
RX REF	77	4D	1.51V
TX REF	126	7E	2.47V
MOD BAL	0	0	0.00V
DEV	43	2B	0.84V
FANV	255	FF	5.00V

Lock voltage verify

### 6-3 TRANSMIT ADJUSTMENT

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, then push the [ENTER] key.

ADJUSTMENT		ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
TX Output Power -Preparation-		1	• Connect an RF power meter to the TX antenna connector.	-	-
-Adjust- (Hi Power)		2	1) Adjust the TX output power using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[Power(Hi)]	50 W [FR6000/-L] 25 W [FR6100]
(L2 Power)		3		[Power(L2)]	25 W [FR6000/-L] 10 W [FR6100]
(L1 Power)		4		[Power(L1)]	5 W [FR6000/-L] 2.5 W [FR6100]
MODULATION BALANCE -Preparation-		1	1) Connect a Modulation Analyzer to the TX antenna connector through an attenuator. 2) Set the Modulation Analyzer as; HPF : OFF LPF : 20 kHz De-emphasis : OFF Detector : (P-P)/2	-	-
		2	1) Connect an Audio Generator to the MIC line through the JIG cable. 2) Set the Audio Generator as; Modulation : 1 kHz Level : 40 mV rms Wave form : Sine wave	-	-
		3	• Set the item [TX Mode] to "2."	[TX Mode]	"2"
-Adjust- (VCO 1)		4	1) Adjust the wave form using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[BAL]	As flat as possible. 
(VCO 2)		5		[BAL Offset (High)]	 No over or under shoot.
DIGITAL DEVIATION -Preparation-		1	• Set the item [TX Mode] to "16."	[TX Mode]	"16"
		2	1) Connect a Modulation Analyzer to the TX antenna connector through an attenuator. 2) Set the Modulation Analyzer as; HPF : OFF LPF : 20 kHz De-emphasis : OFF Detector : (P-P)/2	-	-
-Adjust- (Band 1)		3	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[MOD (Digital)]	±1.39–1.43 kHz
(Band 2)		4		[MOD Slant Band 0]	
(Band 3)		5		[MOD Slant Band 1]	
(Band 4)		6		[MOD Slant Band 2]	
(Band 5)		7		[MOD Offset (High)]	
(Band 6)		8		[MOD Slant Band 3]	
(Band 7)		9		[MOD Slant Band 4]	
(Band 8)		10		[MOD Slant Band 5]	

### 6-3 TRANSMIT ADJUSTMENT (continued)

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
<b>ANALOG DEVIATION</b> <b>-Preparation-</b>	1	–	• Set the item [TX Mode] to "1."	[TX Mode] "1"
	2	• Connect a Modulation Analyzer to the TX antenna connector through an attenuator.	• Set the Modulation Analyzer as; HPF : OFF LPF : 20 kHz De-emphasis : OFF Detector : (P-P)/2	– –
	3	• Connect an Audio Generator to the MIC line through the JIG cable.	• Set the Audio Generator as; Modulation : 1 kHz Level : 40 mV rms Wave form : Sine wave	– –
<b>-Adjust- (Wide)</b>	4	• CH. : 1-10 • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[MOD (Wide)] ±4.05–4.15 kHz
<b>(Middle)</b> <[FR6100] only>	5	• CH. : 1-11 • [Wide Band Width] : "Middle" (see the page 6-4) • Transmitting		[MOD (Middle)] ±3.15–3.25 kHz
<b>(Narrow)</b>	6	• CH. : 1-12 • Transmitting		[MOD (Narrow)] ±2.05–2.15 kHz
<b>CTCSS/DTCSS DEVIATION</b> <b>-Preparation-</b>	1	–	• Set the item [TX Mode] to "3."	[TX Mode] "3"
<b>-Adjust-</b>	2	• CH. : 1-19 • Transmitting	1) Adjust the deviation using [←] / [→] keys of the PC's keyboard. 2) Push the [ENTER] key to store the adjust value.	[CTCSS] ±0.68–0.72 kHz

### 6-4 RECEIVE ADJUSTMENT

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE
<b>RECEIVE SENSITIVITY</b> <b>-Preparation-</b>	1	–	• Set the item [RX Mode] to "1."	[RX Mode] "1"
	2	• Connect an SSG to the RX antenna connector.	• Set the SSG as; Frequency : 400.100 MHz [FR6000] 450.100 MHz [FR6100] Level : +20 dBμ Modulation : 1 kHz Deviation : 3.5 kHz	– –
<b>-Adjust- (Band center) For [Low band] version</b>	3	• CH. : 1-20 • Receiving	1) Set the item [BPFT1 C] to "10." 2) Select the item [BPF T2 C], then push the [ENTER] key.	[BPFT1 C] "10"
			[BPF T2 C]	(Automatic adjustment)
<b>-Adjust- (Band center) For [High band] version</b>		• CH. : 1-20 • Receiving	• Select the item [BPF C ALL], then push the [ENTER] key.	
<b>(Band high)</b>	4	• CH. : 1-21 • Receiving	• Select the item [BPF H ALL], then push the [ENTER] key.	[BPF H ALL]

### 6-4 RECEIVE ADJUSTMENT (continued)

1) Select an adjustment item using cursor or [↑] / [↓] keys of the PC's keyboard.

2) Set or modify the adjustment value as specified using [←] / [→] keys of the PC's keyboard, then push the [ENTER] key.

ADJUSTMENT	ADJUSTMENT CONDITION	OPERATION	ADJUSTMENT ITEM/POINT	VALUE	
<b>S-METER</b> <b>-Preparation-</b>	<b>NOTE:</b> "RECEIVE SENSITIVITY" MUST be adjusted before "S-METER." When "RECEIVE SENSITIVITY" is re-adjusted, "S-METER" MUST be re-adjusted too.				
	1	<ul style="list-style-type: none"> <li>• Connect an SSG to the RX antenna connector.</li> </ul>	<ul style="list-style-type: none"> <li>• Set the SSG as;                      Frequency : 400.100 MHz [Low band]                      450.100 MHz [High band]                      Modulation : 1 kHz                      Deviation : 3.5 kHz</li> </ul>	-	-
<b>-Adjust-</b> <b>(S3 level)</b>	2	<ul style="list-style-type: none"> <li>• CH. : 1-22</li> <li>• Receiving</li> </ul>	1) Set the SSG as; Level : +23 dB $\mu$ 2) Select the item <b>[RSSI S3 Level]</b> , then push the [ENTER] key to store the adjust value.	<b>[RSSI S3 Level]</b>	(Automatic adjustment)
<b>(S1 level)</b>	3	<ul style="list-style-type: none"> <li>• CH. : 1-22</li> <li>• Receiving</li> </ul>	1) Set the SSG as; Level : -7 dB $\mu$ 2) Select the item <b>[RSSI S1 Level]</b> , then push the [ENTER] key, to store the adjust value.	<b>[RSSI S1 Level]</b>	(Automatic adjustment)
<b>SQUELCH</b> <b>-Preparation-</b>	1	-	<ul style="list-style-type: none"> <li>• Set the item <b>[SQL Level]</b> to "2."</li> </ul>	<b>[SQL Level]</b>	"2"
	2	<ul style="list-style-type: none"> <li>• Connect an SSG to the RX antenna connector.</li> </ul>	<ul style="list-style-type: none"> <li>• Set the SSG as;                      Frequency : 400.100 MHz [Low band]                      450.100 MHz [High band]                      Modulation : 1 kHz                      Deviation : 3.5 kHz                      Level : -14 dB<math>\mu</math></li> </ul>	-	-
<b>-Adjust-</b>	2	<ul style="list-style-type: none"> <li>• CH. : 1-23</li> <li>• Receiving</li> </ul>	1) Decrease the adjustment value <b>[SQL]</b> to close the squelch once, then increase the value to open the squelch. 2) Select the item <b>[SQL]</b> , then push the [ENTER] key to store the adjust value.	<b>[SQL]</b>	(Automatic adjustment)



## SECTION 7

## PARTS LIST

## [FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
IC500	1130009121	S.IC S1D15206F00A200	B	69.4/35.9
IC501	1110005771	S.IC S-80942CNMC-G9CT2G	B	105.3/24
IC502	1140014250	S.IC uPD78F1153GK-GAK	B	101.3/38.7
IC503	1110005350	S.IC NJM2870F05-TE1	B	47.2/30.5
IC506	1140013200	S.IC CD4053BPWR	B	39.1/31.7
IC508	1130008561	S.IC TC75S51F (TE85L,F)	B	143/18
IC509	1110006770	S.IC TDA8547TS/N	B	28.4/55.8
Q500	1590001050	S.TR DTC114TUA T106	B	148.4/41.4
Q501	1590001050	S.TR DTC114TUA T106	B	161.8/34.6
Q502	1590001050	S.TR DTC114TUA T106	B	161.8/41.4
Q503	1590001050	S.TR DTC114TUA T106	B	148.4/34.6
Q504	1590001050	S.TR DTC114TUA T106	B	91.4/45.6
Q506	1590001190	S.TR XP6501-(TX).AB	B	32.9/48.1
Q508	1520000460	S.TR 2SB1132 T100 R	B	36.9/52.6
Q510	1590001050	S.TR DTC114TUA T106	B	152.8/53.2
Q511	1590001050	S.TR DTC114TUA T106	B	166.2/53
Q513	1590001060	S.TR DTA114TUA T106	B	168.7/53
Q514	1590001060	S.TR DTA114TUA T106	B	160.1/49.6
Q515	1590001060	S.TR DTA114TUA T106	B	155.3/53.2
Q516	1590001060	S.TR DTA114TUA T106	B	145.3/49.9
Q517	1590001050	S.TR DTC114TUA T106	B	160.1/46.9
Q518	1590001050	S.TR DTC114TUA T106	B	145.3/47
D503	1790001260	S.DIO MA2S077-(TX)	B	112.3/33.9
D504	1790001250	S.DIO MA2S111-(TX)	B	95/45.8
D505	1790001450	S.DIO RB160L-40 TE-25	B	41.8/26.6
D506	1790001450	S.DIO RB160L-40 TE-25	B	63.2/6.6
D507	1790000950	S.ZEN MA8056-M (TX)	B	160.8/29.9
D508	1750000370	S.DIO DA221 TL	B	153.2/27.7
D509	1750000370	S.DIO DA221 TL	B	166.4/28.1
D510	1790001250	S.DIO MA2S111-(TX)	B	43.2/51.5
D511	1790001250	S.DIO MA2S111-(TX)	B	115.8/44.9
X501	6050012680	S.XTL CR-858 (SMD-49/18.432 MHz)	B	113.1/28.2
L500	6200002861	S.COL NLV25T-4R7J	B	106/17.9
L501	6200003640	S.COL MLF1608E 100K-T	B	161.5/17.9
L502	6200002861	S.COL NLV25T-4R7J	B	85.9/39.3
R500	7030003810	S.RES ERJ3GEYJ 125 V (1.2 M)	B	83.5/43.7
R501	7030003810	S.RES ERJ3GEYJ 125 V (1.2 M)	B	87.4/47.5
R506	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	157.7/36.3
R507	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	B	167.9/44.3
R508	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	167.9/37.7
R509	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	B	155.4/44.5
R510	7030005530	S.RES ERJ2GEJ 100 X (10)	B	106.8/30.5
R511	7030005160	S.RES ERJ2GEJ 105 X (1 M)	B	105.8/30.5
R512	7510001730	S.TMR ERTJOEP 473J	B	103.1/48.9
R513	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	102.2/49.8
R514	7030008010	S.RES ERJ2GEJ 123 X (12 k)	B	113.1/32.2
R515	7030008010	S.RES ERJ2GEJ 123 X (12 k)	B	112.3/35.9
R516	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	103.2/26.4
R517	7030008010	S.RES ERJ2GEJ 123 X (12 k)	B	110.3/33
R518	7410001140	S.ARY EXB28V104JX	B	106.9/47.1
R519	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	105.4/48.4
R520	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	96.1/30.7
R523	7030005710	S.RES ERJ2GEJ 121 X (120)	B	114.1/37.6
R524	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	104.4/48.4
R525	7030005710	S.RES ERJ2GEJ 121 X (120)	B	113.2/37.6
R526	7030005710	S.RES ERJ2GEJ 121 X (120)	B	112.3/37.6
R532	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	33.2/45.5
R533	7030009140	S.RES ERJ2GEJ 272 X (2.7 k)	B	31.2/47.7
R534	7030008290	S.RES ERJ2GEJ 183 X (18 k)	B	32.2/45.7
R536	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	158.7/30.8
R538	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	155.7/29.3
R539	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	B	27.6/51.1
R540	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	B	26.6/49.9
R541	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	139.1/31.9
R542	7030005080	S.RES ERJ2GEJ 823 X (82 k)	B	26.1/51.1
R543	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	137.3/31.5
R544	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	164.9/29.3
R545	7030004980	S.RES ERJ2GEJ 101 X (100)	B	140.3/19.9
R546	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	164.8/27.2
R547	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	155.7/27.7
R548	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	159.8/28
R549	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	B	32/51.3
R551	7210003050	VAR EVU-F2KFK3 B14 (10KB)	B	
R552	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	142.3/20.3
R553	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	144.6/20.1
R554	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	32.6/53.4
R556	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	161.1/19
R557	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	B	29.2/51.3
R558	7030008370	S.RES ERJ2GEJ 561 X (560)	B	169.1/51.1
R559	7030008370	S.RES ERJ2GEJ 561 X (560)	B	155.7/51
R560	7030010040	S.RES ERJ2GEJ-JPW	B	139.4/17.1
R562	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	B	86.2/43.7
R563	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	B	88.2/44.9
R564	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	153/19.8
R566	7030008370	S.RES ERJ2GEJ 561 X (560)	B	161.9/49.1
R567	7030008370	S.RES ERJ2GEJ 561 X (560)	B	148.3/49.9
R568	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	87.4/16.9
R570	7030005220	S.RES ERJ2GEJ 223 X (22 k)	B	103/24.8

## [FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R571	7030005070	S.RES ERJ2GEJ 683 X (68 k)	B	45.8/51.5
R572	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	46.2/50.3
R573	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	108.3/33
R574	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	108.3/32.1
R575	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	34.7/24.6
R576	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	62.6/12.8
C500	4030016930	S.CER ECJ0EB1A104K	B	79.3/47.9
C501	4030016930	S.CER ECJ0EB1A104K	B	80.8/47.4
C502	4030016930	S.CER ECJ0EB1A104K	B	80.8/46.5
C503	4030016930	S.CER ECJ0EB1A104K	B	80.4/45.3
C504	4030016930	S.CER ECJ0EB1A104K	B	81.3/45.3
C505	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/41
C506	4030017460	S.CER ECJ0EB1E102K	B	83.9/39.8
C507	4030017490	S.CER C1608 JB 1A 105K-T	B	80.9/39.5
C508	4030017730	S.CER ECJ0EB1E471K	B	146.4/41.2
C509	4030017730	S.CER ECJ0EB1E471K	B	159.8/34.4
C510	4030017730	S.CER ECJ0EB1E471K	B	159.9/41.2
C511	4030017730	S.CER ECJ0EB1E471K	B	146.4/34.4
C512	4030017030	S.CER ECJ0EB1A273K	B	104.7/21.7
C513	4030017630	S.CER ECJ0EC1H120J	B	106.4/29.3
C514	4030017420	S.CER ECJ0EC1H470J	B	157.7/44.5
C515	4030016790	S.CER ECJ0EB1C103K	B	103.5/50.2
C516	4030017580	S.CER ECJ0EC1H060C	B	113.1/31.3
C517	4030016930	S.CER ECJ0EB1A104K	B	102.2/50.7
C518	4030016790	S.CER ECJ0EB1C103K	B	113.3/35.1
C519	4030017640	S.CER ECJ0EC1H150J	B	111.3/31.8
C520	4030016930	S.CER ECJ0EB1A104K	B	105.1/27.1
C521	4030018900	S.CER ECJ0EB0J474K	B	104.9/30
C522	4550006480	S.TAN TEESVA 1C 475M8R	B	46.7/33.2
C523	4030017330	S.CER ECJ0EF1C104Z	B	44.9/31
C524	4030016790	S.CER ECJ0EB1C103K	B	49.9/29.5
C525	4550006250	S.TAN TEESVA 1A 106M8R	B	49/27.7
C526	4030016930	S.CER ECJ0EB1A104K	B	48.9/26.1
C527	4030016930	S.CER ECJ0EB1A104K	B	34.3/30
C530	4030017460	S.CER ECJ0EB1E102K	B	34.5/55.4
C531	4550006250	S.TAN TEESVA 1A 106M8R	B	106.6/20.2
C532	4030017460	S.CER ECJ0EB1E102K	B	31.3/45.7
C533	4030017460	S.CER ECJ0EB1E102K	B	45.3/27
C534	4030016930	S.CER ECJ0EB1A104K	B	62.1/14.2
C535	4030016930	S.CER ECJ0EB1A104K	B	30.7/49
C536	4030017460	S.CER ECJ0EB1E102K	B	161/28.5
C537	4030017460	S.CER ECJ0EB1E102K	B	33.6/53.4
C538	4030018860	S.CER ECJ0EB0J105K	B	26.6/49
C539	4030017420	S.CER ECJ0EC1H470J	B	154.8/27.7
C540	4510008590	S.ELF EEE1AA101SP	B	36.9/59.4
C541	4030017330	S.CER ECJ0EF1C104Z	B	150.1/20
C542	4030017460	S.CER ECJ0EB1E102K	B	139.3/19.9
C544	4550006250	S.TAN TEESVA 1A 106M8R	B	29.7/60.8
C545	4030017420	S.CER ECJ0EC1H470J	B	168.1/28.1
C546	4030017420	S.CER ECJ0EC1H470J	B	137.3/32.4
C547	4030017420	S.CER ECJ0EC1H470J	B	134.2/32.4
C548	4030017460	S.CER ECJ0EB1E102K	B	161/27.5
C549	4030017460	S.CER ECJ0EB1E102K	B	44.1/47.4
C551	4030017420	S.CER ECJ0EC1H470J	B	158.1/19.3
C553	4030017420	S.CER ECJ0EC1H470J	B	140.6/17.6
C555	4030018860	S.CER ECJ0EB0J105K	B	148.5/17.9
C556	4030016790	S.CER ECJ0EB1C103K	B	143.1/23.6
C558	4550006480	S.TAN TEESVA 1C 475M8R	B	143.5/22
C559	4030017730	S.CER ECJ0EB1E471K	B	166.3/51.1
C560	4030017730	S.CER ECJ0EB1E471K	B	153.1/51.1
C561	4030017730	S.CER ECJ0EB1E471K	B	161.9/46.9
C562	4030017730	S.CER ECJ0EB1E471K	B	147.4/46.6
C563	4030016930	S.CER ECJ0EB1A104K	B	105.1/28
C564	4030016930	S.CER ECJ0EB1A104K	B	103.2/22.8
C565	4030016930	S.CER ECJ0EB1A104K	B	44/29.9
C566	4030017460	S.CER ECJ0EB1E102K	B	42.8/49.5
C567	4030016930	S.CER ECJ0EB1A104K	B	42.8/50.4
C568	4030017460	S.CER ECJ0EB1E102K	B	67.3/6.6
C569	4550006250	S.TAN TEESVA 1A 106M8R	B	89.6/40.7
C573	4030016930	S.CER ECJ0EB1A104K	B	34.7/23.7
C574	4030016930	S.CER ECJ0EB1A104K	B	62.6/11.9
J501	6510019121	S.CNR S8B-PH-SM4-TB (LF) (SN)	B	26.9/27.5
J502	6510019121	S.CNR S8B-PH-SM4-TB (LF) (SN)	B	52.9/15.1
J503	6450002210	CNR 3017-8821 <KIN>	B	
J504	6510014961	S.CNR B2B-ZR-SM4-TF (LF) (SN)	B	18.4/57
J505	6510019421	S.CNR B8B-ZR-SM4-TF (LF) (SN)	B	89.5/20.4
DS500	5030002811	LCD L4-0013TVY-2	T	
DS501	5040002710	LED EMPG3338S	T	
DS502	5040002720	LED EMVR3338S	T	
DS503	5040002710	LED EMPG3338S	T	
DS504	5040002720	LED EMVR3338S	T	
DS505	5040002310	S.LED SML-311YTT86	T	111.2/43.2
DS506	5040002310	S.LED SML-311YTT86	T	101.3/43.2
DS507	5040002310	S.LED SML-311YTT86	T	91.3/43.2
DS508	5040002310	S.LED SML-311YTT86	T	81.2/43.1
DS509	5040002310	S.LED SML-311YTT86	T	71.3/43.2
DS510	5040002310	S.LED SML-311YTT86	T	61.3/43.2
DS511	5040002150	LED VRPG3349S-734	T	
DS512	5040002150	LED VRPG3349S-734	T	
S506	2250000511	ECR RH70N1037E20-13F-2781	B	

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
SP501	2510001221	SP C052SB500-14		
W501	8900011800	CBL OPC-1199		
W502	8900017540	CBL OPC-1785		
EP501	8930065150	LCT SRCN-2781-SP-N-W		
EP503	6910019600	SCR LM-5		
EP504	6910019610	SCR LM-7 (SPACER)		

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110005330	S.IC NJM12904V-TE1	T	58.1/71.4
IC2	1110007290	S.IC AK2330P-L	B	58.7/56.1
IC3	1130010100	S.IC LMX2352TMX/NOPB	T	120.2/43.9
IC4	1130010100	S.IC LMX2352TMX/NOPB	B	28/78.8
IC5	1110003491	S.IC TA31136FNG (D,EL)	B	70.4/82.5
IC7	1110007280	S.IC NJM2716F-TE1	B	56.8/46.4
IC8	1130012910	S.IC AK4554VTP-E2/P	B	36.2/59.9
IC9	1190002080	S.IC AD7476ARTZ-500RL7	B	49.6/46.4
IC10	1130013040	S.IC TC7WBD125AFK (T5L,F)	B	46.6/49.2
IC11	1110006230	S.IC NJM2711F-TE1	B	53.1/35
IC12	1140013290	S.IC TMS320VC5509AZHH	B	33.3/37.8
IC13	1180002590	S.REG XC6204B332MR	T	80.9/21.3
IC14	1180003270	S.REG R1114Q161D-TR-F	T	84.4/21.4
IC15	1180002590	S.REG XC6204B332MR	T	87.8/21.3
IC17	1190001340	S.IC M62334FP 600C	T	67.3/61.7
IC18	1110005771	S.IC S-80942CNMC-G9CT2G	T	41.2/52.8
IC20	1140013520	S.IC HD64F2506FC26DV	T	33.5/37.6
IC21	1140012950	S.IC 24LC512T-I/SM	T	59.1/21.8
IC22	1150002092	IC RA30H4047M-121 [FR6100]		
	1150002211	IC RA55H4047M-121 [USA-01], [EXP-01]		
	1150002221	IC RA55H4452M-121 [USA-02], [EXP-02]		
IC23	1110002751	S.IC TA75S01F (TE85R,F)	T	139.3/125.6
IC25	1130008561	S.IC TC75S51F (TE85L,F)	B	29/16.3
IC26	1120003070	S.IC MAX3232EIPWR	T	42.7/70
IC27	1180001251	S.IC TA7808F (TE16L,Q)	T	116.6/84.1
IC28	1110003091	IC LA4425A-E		
IC29	1110002751	S.IC TA75S01F (TE85R,F)	T	12/123.1
IC30	1110003390	S.IC AN8005M-(E1)	T	114.1/91.8
IC31	1130011760	S.IC CD4094BPWR	T	8.1/45.2
IC32	1130013360	S.IC AT25F2048N-10SU-2.7SL383	B	8.9/36.1
IC34	1110005340	S.IC NJM12902V-TE1	B	12.2/58.2
IC35	1140013200	S.IC CD4053BPWR	B	20.6/58.2
IC36	1110005330	S.IC NJM12904V-TE1	B	27.8/55.4
IC37	1120002830	S.IC NJM2125F-TE1	T	56.6/66.7
IC38	1110006380	S.IC LM2904PWR	T	114.1/23.8
IC39	1180001071	S.IC TA7805F (TE16L,Q)	T	101.2/24.3
IC40	1110005330	S.IC NJM12904V-TE1	B	50.6/57.2
IC41	1180001251	S.IC TA7808F (TE16L,Q)	B	132/16.7
Q1	1590003230	S.TR UNR9113J-(TX)	B	53.4/79.7
Q2	1530002851	S.TR 2SC4116-BL (TE85R,F)	B	34.9/77.7
Q3	1560001360	S.FET 2SK3019 TL	B	66.4/76.6
Q4	1560000541	S.FET 2SK880-Y (T5RICOM,F)	B	88.8/41.5
Q5	1560000541	S.FET 2SK880-Y (T5RICOM,F)	B	33.3/107.5
Q6	1560000541	S.FET 2SK880-Y (T5RICOM,F)	B	29.6/101.3
Q7	1530002601	S.TR 2SC4215-O (TE85R,F)	B	72.9/92.5
Q8	1560000541	S.FET 2SK880-Y (T5RICOM,F)	B	92.7/47.7
Q9	1560001360	S.FET 2SK3019 TL	B	39.5/104.5
Q10	1530002851	S.TR 2SC4116-BL (TE85R,F)	B	88.8/44.6
Q11	1530002851	S.TR 2SC4116-BL (TE85R,F)	B	29.6/104.4
Q12	1590003230	S.TR UNR9113J-(TX)	B	65.6/101.6
Q13	1530002851	S.TR 2SC4116-BL (TE85R,F)	B	88.8/47.7
Q14	1530002851	S.TR 2SC4116-BL (TE85R,F)	B	29.6/107.5
Q15	1530002851	S.TR 2SC4116-BL (TE85R,F)	B	92.7/44.6
Q16	1530002851	S.TR 2SC4116-BL (TE85R,F)	B	33.3/104.5
Q19	1530002601	S.TR 2SC4215-O (TE85R,F)	B	63.2/106.8
Q20	1530002920	S.TR 2SC4226-T1 R25	B	38.8/123.1
Q21	1530002920	S.TR 2SC4226-T1 R25	B	39.6/114.5
Q22	1530002920	S.TR 2SC4226-T1 R25	B	94.6/64.3
Q23	1530002920	S.TR 2SC4226-T1 R25	B	95.2/55.4
Q24	1530003311	S.TR 2SC5107-O (TE85R,F)	B	100.5/58.6
Q25	1530003311	S.TR 2SC5107-O (TE85R,F)	B	44.9/116.2
Q26	1590001400	S.TR XP1214 (TX)	B	40.5/117.8
Q27	1590001400	S.TR XP1214 (TX)	B	96/59.6
Q28	1590003290	S.TR UNR9213J-(TX)	B	93.3/59.6
Q29	1590003290	S.TR UNR9213J-(TX)	T	57.2/41.9
Q30	1590003290	S.TR UNR9213J-(TX)	B	37.8/117.8
Q31	1590003230	S.TR UNR9113J-(TX)	T	57.2/39.8
Q32	1530003980	S.TR 2SC5700WB-TR-E	B	46.5/109.1
Q33	1530003980	S.TR 2SC5700WB-TR-E	B	102.1/53.4
Q34	1530003311	S.TR 2SC5107-O (TE85R,F)	B	46.2/123.1
Q35	1530003311	S.TR 2SC5107-O (TE85R,F)	B	101.9/64.4
Q36	1580000731	S.FET 3SK293 (TE85L,F)	B	47.3/136.1
Q37	1530003311	S.TR 2SC5107-O (TE85R,F)	B	132.5/84.5
Q38	1530002680	S.TR 2SC3357-T1	B	138.1/88.8
Q39	1560000841	S.FET 2SK1829 (TE85R,F)	B	53.2/140.8
Q40	1590001190	S.TR XP6501-(TX) .AB	T	101.6/87.4
Q41	1520000460	S.TR 2SB1132 T100 R	T	101.6/82.8
Q42	1590003290	S.TR UNR9213J-(TX)	T	13.3/67.6
Q43	1590003290	S.TR UNR9213J-(TX)	T	138.8/122.9
Q44	1590003290	S.TR UNR9213J-(TX)	T	122.8/79.2
Q45	1540000550	S.TR 2SD1664 T100Q	T	117/76.3
Q46	1530002851	S.TR 2SC4116-BL (TE85R,F)	T	137.4/120.3
Q48	1510000920	S.TR 2SA1577 T106 Q	T	101.5/77.8
Q49	1590003290	S.TR UNR9213J-(TX)	T	102.2/73.7
Q52	1590003290	S.TR UNR9213J-(TX)	T	10.9/131.6
Q53	1590003290	S.TR UNR9213J-(TX)	T	10.9/129.6
Q56	1590003321	S.FET TPC6103 (TE85L,F)	T	7.6/132.6
Q57	1550000100	S.FET 2SJ377 (TE16L1,NQ)	T	125.2/99.6
Q58	1590003290	S.TR UNR9213J-(TX)	T	130.2/102.1
Q59	1590000990	S.TR DTC363EK T146	T	7.6/127.6
Q61	1530002851	S.TR 2SC4116-BL (TE85R,F)	T	6.8/118.4
Q62	1540000441	S.TR 2SD1619T-TD-E	T	118.4/18.5
Q63	1560000990	S.FET PMBFJ310	B	66.3/110
Q64	1560000990	S.FET PMBFJ310	B	63.3/110
Q65	1530003311	S.TR 2SC5107-O (TE85R,F)	B	59.6/123.7
Q66	1590003290	S.TR UNR9213J-(TX)	B	94.9/4.7
Q67	1590003290	S.TR UNR9213J-(TX)	B	124.9/4.7
Q68	1590003290	S.TR UNR9213J-(TX)	B	109.9/4.7
Q69	1590003290	S.TR UNR9213J-(TX)	T	9.5/53.3
Q70	1590003230	S.TR UNR9113J-(TX)	T	9.5/51

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
D1	1750001070	S.DIO DAN235ETL	B	57.3/78.6
D2	1750001070	S.DIO DAN235ETL	B	50/79.7
D3	1790001621	S.DIO 1SV308 (TPL3,F)	B	70.3/93.4
D4	1790001621	S.DIO 1SV308 (TPL3,F)	B	67.8/93.4
D7	1750001150	S.VCP HVC383BTRF-E	B	30.8/122.3
D8	1750001150	S.VCP HVC383BTRF-E	B	30.6/112.7
D9	1750001150	S.VCP HVC383BTRF-E	B	85.6/63.5
D10	1750001150	S.VCP HVC383BTRF-E	B	85.7/53.3
D11	1790001621	S.DIO 1SV308 (TPL3,F)	B	63.5/103.1
D12	1790001621	S.DIO 1SV308 (TPL3,F)	B	62.7/101.1
D13	1750000711	S.VCP HVC350BTRF-E	B	87.3/66.8
D14	1750000711	S.VCP HVC350BTRF-E	B	87.1/55.4
D15	1750000711	S.VCP HVC350BTRF-E	B	32.6/125.4
D16	1750000711	S.VCP HVC350BTRF-E	B	32/114.5
D17	1720000570	S.VCP MA368 (TX)	B	94.6/66.6
D18	1720000570	S.VCP MA368 (TX)	B	91.4/57.7
D19	1750000520	S.DIO DAN222TL	T	59.6/39.8
D20	1790001260	S.DIO MA25077-(TX)	T	38.9/57.8
D21	1750000711	S.VCP HVC350BTRF-E	B	66.1/135.8
D22	1750000711	S.VCP HVC350BTRF-E	B	62.9/135.8
D24	1750000711	S.VCP HVC350BTRF-E	B	56.1/135.9
D27	1790001250	S.DIO MA25111-(TX)	B	57.2/140.4
D28	1750000711	S.VCP HVC350BTRF-E	B	35.9/134.4
D29	1750000711	S.VCP HVC350BTRF-E	B	37.1/134.4
D31	1750000711	S.VCP HVC350BTRF-E	B	32.4/136.5
D32	1750000711	S.VCP HVC350BTRF-E	B	32.4/135.3
D33	1790001240	S.DIO MA25728-(TX)	B	37.8/144.2
D34	1790001260	S.DIO MA25077-(TX)	B	85.4/137.8
D38	1750001360	S.DIO L709CER (9401)	B	87.8/135.6
D40	1750000370	S.DIO DA221 TL	T	112.6/77
D44	1710001061	DIO L407CDB		
D45	1790001211	S.DIO 1SS375-TL-E	B	96.3/138.1
D46	1750000520	S.DIO DAN222TL	T	13.3/131.1
D47	1750000520	S.DIO DAN222TL	T	13.2/129.1
D48	1790000660	S.DIO MA728 (TX)	B	121.1/142.5
D49	1790000660	S.DIO MA728 (TX)	B	140.6/133
D51	1790001250	S.DIO MA25111-(TX)	T	10.5/127.1
D53	1790001810	S.VSR AVR-M1005C080MTABB	T	32.5/11.5
D55	1790001810	S.VSR AVR-M1005C080MTABB	T	30.5/11.5
D56	1790001810	S.VSR AVR-M1005C080MTABB	B	33.2/22.1
D59	1790000700	DIO DSA3A1		
D61	1160000070	S.DIO DAN202K T146	T	118.4/14.3
D62	1750000431	S.DIO HSB88WSTR-E	B	68.3/123.3
D63	1790001250	S.DIO MA25111-(TX)	B	34.1/20.7
D64	1750000370	S.DIO DA221 TL	T	63.2/93.9
D65	1750000370	S.DIO DA221 TL	T	65.2/93.9
D66	1750000370	S.DIO DA221 TL	T	67.2/93.9
D67	1750000370	S.DIO DA221 TL	T	62.5/105.6
D68	1750000370	S.DIO DA221 TL	T	60.5/104.7
D69	1750000370	S.DIO DA221 TL	T	69.2/93.9
D70	1750000370	S.DIO DA221 TL	T	71.2/93.9
D71	1750000370	S.DIO DA221 TL	T	69.4/109.5
D72	1750000370	S.DIO DA221 TL	T	71.5/109.5
D73	1750000370	S.DIO DA221 TL	T	73.5/109.5
D74	1750000370	S.DIO DA221 TL	T	75.6/109.5
D75	1790001250	S.DIO MA25111-(TX)	B	41/38.6
D76	1790001250	S.DIO MA25111-(TX)	B	26.4/41.3
D77	1790001250	S.DIO MA25111-(TX)	B	49.2/29.9
D78	1730002360	S.ZEN MA8062-M (TX)	B	52.3/29.9
F11	2020001520	CER CFWLA450KFFA-B0		
F12	2020001460	CER CFWLA450KHFA-B0		
F13	2030000500	S.MLH FL-401 (46.35 MHz)	B	72/101
F14	2030000670	S.MLH FL-420 (46.35 MHz)	B	63.4/91.1
F15	2040001440	S.LC NFE31PT152Z1E9L	T	114.2/110.3
F16	2040001440	S.LC NFE31PT152Z1E9L	T	114.2/113.4
F17	2040001440	S.LC NFE31PT152Z1E9L	T	114.2/116.5
X1	6050012380	S.XTL CR-826 (15.3 MHz)	B	128.6/45.3
X2	6050012380	S.XTL CR-826 (15.3 MHz)	B	35.6/72.3
X3	6070000300	S.DCR JTBM450CX24	B	63.5/83.5
X4	6050012350	S.XTL CR-817 (12.288 MHz)	B	52.8/38.2
X5	6050012680	S.XTL CR-858 (SMD-49/18.432 MHz)	T	46.9/52.7
L1	6200004660	S.COL MLF1608A 1R8K-T	B	115.6/39.2
L2	6200004660	S.COL MLF1608A 1R8K-T	B	23.6/82.4
L3	6200004480	S.COL MLF1608D R82K-T	B	39.4/79.3
L4	6200003540	S.COL MLF1608D R22K-T	B	36.9/76.9
L5	6200005671	S.COL ELJRE 12NGFA	B	102.7/46.7
L6	6200005671	S.COL ELJRE 12NGFA	B	44.6/99.3
L8	6200004741	S.COL NLV25T-1R2J	B	28.5/121.7
L9	6200004741	S.COL NLV25T-1R2J	B	28.5/124.9
L10	6200004741	S.COL NLV25T-1R2J	B	28.5/114.1
L11	6200004741	S.COL NLV25T-1R2J	B	83.7/63.1
L12	6200004741	S.COL NLV25T-1R2J	B	83.7/54.6
L13	6200004741	S.COL NLV25T-1R2J	B	30.6/117.2
L14	6200004741	S.COL NLV25T-1R2J	B	84.2/66.2
L15	6200004741	S.COL NLV25T-1R2J	B	84.2/57.7
L18	6200009260	S.COL C3328A-5N0J-A	B	88.7/63.1
L19	6200009260	S.COL C3328A-5N0J-A	B	89.8/54
L20	6200009390	S.COL C3328A-8N0J-A	B	33.2/121.7
L21	6200009390	S.COL C3328A-8N0J-A	B	34.7/113.1
L22	6200003550	S.COL MLF1608A 4R7K-T	B	73.4/109.9
L23	6200002861	S.COL NLV25T-4R7J	B	57.6/108.9
L24	6200010740	S.COL C2520C-R27G-A	B	70/109.1
L25	6200004741	S.COL NLV25T-1R2J	B	97.1/64.6
L26	6200004741	S.COL NLV25T-1R2J	B	98.1/53.9
L27	6130002961	S.COL #617DB-1327=P3	B	68.3/117
L28	6200005711	S.COL ELJRE 27NGFA	B	62.3/123.6
L29	6200005721	S.COL ELJRE 33NGFA	B	102.6/58.6
L30	6200005721	S.COL ELJRE 33NGFA	B	46.9/116.2

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
L31	6200002861	S.COL NLV25T-4R7J	T	91.1/19.9
L32	6130002961	S.COL #617DB-1327=P3	B	68.3/128.7
L33	6200005671	S.COL ELJRE 12NGFA	B	47.3/107.1
L34	6200005711	S.COL ELJRE 27NGFA	B	61.1/117.5
L35	6200005671	S.COL ELJRE 12NGFA	B	102.7/51.6
L36	6200005711	S.COL ELJRE 27NGFA	B	44.3/123.1
L37	6200005711	S.COL ELJRE 27NGFA	B	61.1/120.1
L38	6200005711	S.COL ELJRE 27NGFA	B	100/64.4
L39	6200009320	S.COL C3328A-12NG-A	[USA-01] B	70.8/137.3
	6200010280	S.COL C3328A-14NG-A	[EXP-01], [USA-02], [EXP-02], [FR6100] [USA-01] B	70.8/137.3
L40	6200009320	S.COL C3328A-12NG-A	[USA-01] B	59.5/135.7
	6200010280	S.COL C3328A-14NG-A	[EXP-01], [USA-02], [EXP-02], [FR6100] [USA-01] B	59.5/135.7
L41	6200009320	S.COL C3328A-12NG-A	[USA-01] B	51.4/136.3
	6200010280	S.COL C3328A-14NG-A	[EXP-01], [USA-02], [EXP-02], [FR6100] [USA-01] B	51.4/136.3
L42	6200005711	S.COL ELJRE 27NGFA	B	134.7/83.8
L43	6200005711	S.COL ELJRE 27NGFA	B	142/87.1
L44	6200010290	S.COL C6328A-22NG-A	B	41.9/136.2
L45	6200005641	S.COL ELJRE 6N8ZFA	B	142.7/90.6
L46	6200005691	S.COL ELJRE 18NGFA	B	142/94.6
L47	6200010290	S.COL C6328A-22NG-A	B	34.8/140.3
L48	6200010100	S.COL C2012C-33NG-A	B	39.7/142.2
L49	6200010040	S.COL AS100340-10N	B	95.5/119.7
L50	6200005691	S.COL ELJRE 18NGFA	B	88/137.7
L52	6200010420	S.COL FHW1210HC 1R0JGT	B	86.6/122.3
L53	6200010150	S.COL AS080340-15N	B	92.5/134.3
L54	6200010150	S.COL AS080340-15N	B	99.7/133.8
L55	6200010150	S.COL AS080340-15N	B	107.5/135.8
L56	6200010150	S.COL AS080340-15N	B	114.4/138.9
L57	6200010150	S.COL AS080340-15N	B	144.6/142.1
L58	6200002861	S.COL NLV25T-4R7J	T	55.4/37.5
L59	6200010420	S.COL FHW1210HC 1R0JGT	T	147.1/146.2
L60	6200010420	S.COL FHW1210HC 1R0JGT	B	24.5/145
L61	6200002961	S.COL NLV32T-4R7J	T	118.4/23.8
L65	6200004741	S.COL NLV25T-1R2J	B	41.3/123.3
L66	6200004741	S.COL NLV25T-1R2J	B	42.8/113.5
R1	7030005700	S.RES ERJ2GEJ 274 X (270 k)	T	54.5/63.5
R2	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	59/61.8
R3	7030005240	S.RES ERJ2GEJ 473 X (47 k)	T	62.4/69.6
R4	7030007340	S.RES ERJ2GEJ 153 X (15 k)	B	57.3/80.1
R6	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	T	9.5/57.1
R7	7030010040	S.RES ERJ2GEJ-JPW	T	61.6/66.3
R8	7030005160	S.RES ERJ2GEJ 105 X (1 M)	T	24.9/70.4
R9	7030005160	S.RES ERJ2GEJ 105 X (1 M)	T	25.8/70.4
R10	7030005160	S.RES ERJ2GEJ 105 X (1 M)	T	26.7/70.4
R12	7510001730	S.TMR ERTJOEP 473J	B	129.1/49.3
R13	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	130.8/49.3
R15	7030007340	S.RES ERJ2GEJ 153 X (15 k)	B	54.5/78.3
R17	7030004980	S.RES ERJ2GEJ 101 X (100)	T	19.8/68.8
R18	7030007340	S.RES ERJ2GEJ 153 X (15 k)	B	55.3/79.2
R20	7030008300	S.RES ERJ2GEJ 184 X (180 k)	T	56.2/63.5
R22	7410001130	S.ARY EXB28V102JX	B	122.6/39
R23	7410001130	S.ARY EXB28V102JX	B	23.1/76.3
R25	7030004970	S.RES ERJ2GEJ 470 X (47)	B	65.3/47.0
R26	7030010040	S.RES ERJ2GEJ-JPW	T	57.8/64.5
R27	7030005120	S.RES ERJ2GEJ 102 X (1 k)	T	57.8/51
R29	7030007570	S.RES ERJ2GEJ 122 X (1.2 k)	B	35.8/75.5
R30	7030007340	S.RES ERJ2GEJ 153 X (15 k)	B	52.8/81.1
R32	7030007340	S.RES ERJ2GEJ 153 X (15 k)	B	51.2/78.3
R33	7030007340	S.RES ERJ2GEJ 153 X (15 k)	B	48.4/78.2
R34	7030005240	S.RES ERJ2GEJ 473 X (47 k)	T	27.1/68.1
R35	7030005240	S.RES ERJ2GEJ 473 X (47 k)	T	28/68.1
R36	7030005240	S.RES ERJ2GEJ 473 X (47 k)	T	28.9/68.1
R38	7030005230	S.RES ERJ2GEJ 334 X (330 k)	T	27.6/70.4
R39	7030005230	S.RES ERJ2GEJ 334 X (330 k)	T	28.6/70.4
R40	7030005230	S.RES ERJ2GEJ 334 X (330 k)	T	29.5/70.4
R41	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	68.2/78.2
R42	7030007060	S.RES ERJ2GEJ 684X (680 k)	B	34.6/75.9
R43	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	62.8/77.3
R44	7030005030	S.RES ERJ2GEJ 152 X (1.5 k)	B	71.4/78.2
R45	7030004970	S.RES ERJ2GEJ 470 X (47)	B	64.6/75.5
R46	7030005000	S.RES ERJ2GEJ 471 X (470)	T	52.7/57.1
R47	7030005290	S.RES ERJ2GEJ 682 X (6.8 k)	B	64.6/76.4
R48	7030005030	S.RES ERJ2GEJ 152 X (1.5 k)	B	62.8/76.4
R49	7030010040	S.RES ERJ2GEJ-JPW	T	55.2/57
R52	7030004980	S.RES ERJ2GEJ 101 X (100)	B	34.1/56.4
R53	7030005210	S.RES ERJ2GEJ 822 X (8.2 k)	B	16.8/57.6
R54	7030005000	S.RES ERJ2GEJ 471 X (470)	B	19.4/64.3
R56	7030004970	S.RES ERJ2GEJ 470 X (47)	B	121.9/50.4
R57	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	B	62.8/75.5
R58	7030008290	S.RES ERJ2GEJ 183 X (18 k)	B	56.5/49
R59	7030008290	S.RES ERJ2GEJ 183 X (18 k)	B	57.4/49
R60	7030005000	S.RES ERJ2GEJ 471 X (470)	B	33.1/75.2
R62	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	18.5/62.5
R63	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	55.5/60
R65	7030005000	S.RES ERJ2GEJ 471 X (470)	B	125.1/47.3
R66	7030004980	S.RES ERJ2GEJ 101 X (100)	B	56.5/50.6
R68	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	B	67.5/86.7
R69	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	32.7/83
R71	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	31/62.6
R72	7030004980	S.RES ERJ2GEJ 101 X (100)	B	57.6/44.2
R75	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	39.9/71.1
R76	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	91/41.5
R77	7030005580	S.RES ERJ2GEJ 560 X (56)	B	119.7/48.8
R78	703000512			

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R85	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	36.9/105.6
R87	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	73.7/81.1
R88	7030005530	S.RES ERJ2GEJ 100 X (10)	B	39/71.1
R89	7030008400	S.RES ERJ2GEJ 182 X (1.8 k)	B	67.1/83.2
R90	7030008010	S.RES ERJ2GEJ 123 X (12 k)	T	54.5/73.3
R91	7030007570	S.RES ERJ2GEJ 122 X (1.2 k)	B	94.5/45.4
R92	7030005290	S.RES ERJ2GEJ 682 X (6.8 k)	B	86.7/41.5
R93	7030007570	S.RES ERJ2GEJ 122 X (1.2 k)	B	35.1/105.6
R94	7030005290	S.RES ERJ2GEJ 682 X (6.8 k)	B	28/98.3
R97	7410001170	S.ARY EXB28V470JX	B	42.9/49.9
R98	7030005530	S.RES ERJ2GEJ 100 X (10)	B	70.7/90.4
R99	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	70.7/91.3
R100	7030005600	S.RES ERJ2GEJ 273 X (27 k)	B	69.1/92.3
R101	7030004980	S.RES ERJ2GEJ 101 X (100)	B	86.7/43.7
R102	7030004980	S.RES ERJ2GEJ 101 X (100)	B	31.5/105.6
R103	7030004980	S.RES ERJ2GEJ 101 X (100)	B	27.8/103.9
R104	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	86.7/45.4
R105	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	31.5/109
R106	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	27.8/105.6
R107	7030004980	S.RES ERJ2GEJ 101 X (100)	B	90.8/45.4
R108	7030005030	S.RES ERJ2GEJ 152 X (1.5 k)	B	90.8/43.7
R109	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	65.7/100.1
R110	7030005810	S.RES RR0510P-152-D (1.5 k)	B	31.5/103.9
R111	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	37.8/105.6
R112	7030005220	S.RES ERJ2GEJ 223 X (22 k)	B	86.7/47.1
R113	7030005220	S.RES ERJ2GEJ 223 X (22 k)	B	67.8/107.3
R114	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	B	69.4/94.8
R115	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	B	66.8/96.2
R116	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	90.8/48.8
R117	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	90.8/47.1
R118	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.8/94.8
R119	7030007270	S.RES ERJ2GEJ 151 X (150)	B	67.2/90
R120	7030005800	S.RES RR0510P-102-D (1 k)	B	31.5/107.3
R121	7030009820	S.RES RR0510P-681-D (680)	B	26.2/109.1
R122	7030004970	S.RES ERJ2GEJ 470 X (47)	B	56.6/33.9
R123	7030004970	S.RES ERJ2GEJ 470 X (47)	B	49.5/38.5
R124	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	55.3/37.3
R125	7030007280	S.RES ERJ2GEJ 331 X (330)	B	82.6/51
R126	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	94.5/43.7
R127	7030005700	S.RES ERJ2GEJ 274 X (270 k)	T	61.2/51
R128	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	35.1/103.9
R129	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	55.3/35.1
R130	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	56.2/36.7
R131	7030004980	S.RES ERJ2GEJ 101 X (100)	B	54.2/32.4
R132	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	50.8/34.9
R133	7030007280	S.RES ERJ2GEJ 331 X (330)	B	67.5/104.4
R134	7030007270	S.RES ERJ2GEJ 151 X (150)	B	62.7/97.1
R136	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	81.7/65.3
R137	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	81.7/56.8
R140	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	B	63.8/101.1
R142	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	B	65.7/103.1
R143	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	48.6/38.5
R144	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	48.6/36.8
R145	7030010040	S.RES ERJ2GEJ-JPW	B	47.3/37.3
R146	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	97.3/47.1
R147	7030005290	S.RES ERJ2GEJ 682 X (6.8 k)	B	98.2/47.1
R148	7030004980	S.RES ERJ2GEJ 101 X (100)	B	59.3/106.8
R149	7030008290	S.RES ERJ2GEJ 183 X (18 k)	B	97.3/48.8
R150	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	91.5/66.6
R151	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	88.9/58.2
R152	7030005070	S.RES ERJ2GEJ 683 X (68 k)	B	65.2/107
R153	7030005000	S.RES ERJ2GEJ 471 X (470)	B	61.4/104.4
R154	7030006020	S.RES RR0510P-682-D (6.8 k)	B	36.8/121.9
R155	7030006020	S.RES RR0510P-682-D (6.8 k)	B	36.5/120.7
R156	7030006020	S.RES RR0510P-682-D (6.8 k)	B	37.4/112.2
R157	7030005530	S.RES ERJ2GEJ 100 X (10)	B	92.4/66.6
R158	7030005530	S.RES ERJ2GEJ 100 X (10)	B	88.9/57.2
R159	7030005530	S.RES ERJ2GEJ 100 X (10)	B	65.2/106.1
R160	7030010040	S.RES ERJ2GEJ-JPW	B	36.8/123.7
R161	7030006020	S.RES RR0510P-682-D (6.8 k)	B	37.6/113.5
R162	7030010040	S.RES ERJ2GEJ-JPW	B	37.6/115.3
R163	7030006020	S.RES RR0510P-682-D (6.8 k)	B	92.4/62
R164	7030006020	S.RES RR0510P-682-D (6.8 k)	B	92.7/52.9
R165	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	92.4/65.2
R166	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	93.1/56.3
R167	7030007250	S.RES ERJ2GEJ 220 X (22)	B	58.3/111.1
R168	7030006020	S.RES RR0510P-682-D (6.8 k)	B	92.4/63.4
R169	7030006020	S.RES RR0510P-682-D (6.8 k)	B	93.1/54.5
R171	7030011920	S.RES RR0510P-561-D (560)	B	41/120.7
R172	7030009820	S.RES RR0510P-681-D (680)	B	97/62.6
R173	7030009820	S.RES RR0510P-681-D (680)	B	97/56.5
R174	7030009820	S.RES RR0510P-681-D (680) [USA-01]	B	41.4/115.7
	7030011180	S.RES RR0510P-391-D (390) [EXP-01], [USA-02], [EXP-02], [FR6100]	B	41.4/115.7
R175	7030005530	S.RES ERJ2GEJ 100 X (10)	B	73.6/108.8
R176	7030005310	S.RES ERJ2GEJ 124 X (120 k)	B	100.5/56.8
R177	7030005310	S.RES ERJ2GEJ 124 X (120 k)	B	44.9/114.4
R178	7030004980	S.RES ERJ2GEJ 101 X (100)	B	100.5/55.9
R179	7030004980	S.RES ERJ2GEJ 101 X (100)	B	44.9/113.5
R180	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	36/109
R181	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	95.4/48.8
R182	7030007300	S.RES ERJ2GEJ 332 X (3.3 k)	B	68.5/107
R185	7030010040	S.RES ERJ2GEJ-JPW	B	62.3/117.5
R186	7030005120	S.RES ERJ2GEJ 102 X (1 k)	T	39.2/50.7
R187	7030008010	S.RES ERJ2GEJ 123 X (12 k)	T	41.5/55.9
R188	7410001150	S.ARY EXB28V471JX	T	48.5/41.1
R189	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	55.6/39.5
R190	7030008010	S.RES ERJ2GEJ 123 X (12 k)	T	43.1/55.9
R191	7030005000	S.RES ERJ2GEJ 471 X (470)	T	44/109.1
R192	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	44.9/109.1
R194	7030004980	S.RES ERJ2GEJ 101 X (100)	T	100.5/51.7
R195	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	100.5/53.4
R196	7030007260	S.RES ERJ2GEJ 330 X (33)	B	48/120.7
R197	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	40.5/50.6

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R198	7030007260	S.RES ERJ2GEJ 330 X (33)	B	103.7/62
R199	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	67.6/57.5
R200	7030004980	S.RES ERJ2GEJ 101 X (100)	B	43.1/122.6
R201	7030005070	S.RES ERJ2GEJ 683 X (68 k)	B	48/122.6
R202	7030005160	S.RES ERJ2GEJ 105 X (10 M)	T	41.4/48.6
R204	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	54.7/39.5
R205	7030008010	S.RES ERJ2GEJ 123 X (12 k)	T	34.5/57.9
R207	7030005070	S.RES ERJ2GEJ 683 X (68 k)	T	103.7/64
R208	7030010040	S.RES ERJ2GEJ-JPW	B	46.2/120.7
R209	7030005000	S.RES ERJ2GEJ 471 X (470)	T	67.6/56
R212	7410001140	S.ARY EXB28V104JX	T	52.3/41.1
R213	7030005530	S.RES ERJ2GEJ 100 X (10)	T	41.4/47.7
R214	7030004980	S.RES ERJ2GEJ 101 X (100)	B	98.9/64
R215	7030010040	S.RES ERJ2GEJ-JPW	B	100.9/62
R216	7410001140	S.ARY EXB28V104JX	T	17.3/52.4
R217	7410001140	S.ARY EXB28V104JX	T	38.6/56
R218	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	65/137.9
R220	7410001140	S.ARY EXB28V104JX	T	15.2/50.7
R222	7410001140	S.ARY EXB28V104JX	T	36.1/56
R223	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	64/136.3
R224	7410001150	S.ARY EXB28V471JX	T	30.4/53.1
R225	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	64/137.9
R226	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	57.2/136.1
R227	7410001150	S.ARY EXB28V471JX	T	42.9/28.9
R230	7410001150	S.ARY EXB28V471JX	T	28.6/50.9
R231	7030005010	S.RES ERJ2GEJ 681 X (680) [USA-01]	B	55/138
	7030009270	S.RES ERJ2GEJ 821 X (820) [EXP-01], [USA-02], [EXP-02], [FR6100]	B	55/138
R232	7410001150	S.ARY EXB28V471JX	T	25.9/49.4
R233	7030005530	S.RES ERJ2GEJ 100 X (10)	B	54.1/136.1
R234	7410001150	S.ARY EXB28V471JX	T	42.5/25.7
R235	7410001150	S.ARY EXB28V471JX	T	24.2/47.6
R236	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	133.1/82.8
R237	7030005530	S.RES ERJ2GEJ 100 X (10)	B	48.4/138.3
R238	7410001150	S.ARY EXB28V471JX	T	45.7/28.9
R239	7410001150	S.ARY EXB28V471JX	T	22.4/45.8
R240	7030004980	S.RES ERJ2GEJ 101 X (100)	B	135.8/84.5
R241	7030005710	S.RES ERJ2GEJ 121 X (120)	B	48.4/138.8
R242	7030009320	S.RES ERJ2GEJ 4R7 X (4.7)	B	47.4/138.3
R243	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	46.4/138.3
R244	7410001150	S.ARY EXB28V471JX	T	39.7/25.8
R245	7410001150	S.ARY EXB28V471JX	T	20.2/42.4
R246	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	44.4/136.1
R247	7030008290	S.RES ERJ2GEJ 183 X (18 k)	B	47.4/140.4
R248	7030005600	S.RES ERJ2GEJ 273 X (27 k)	B	137.4/85.8
R253	7030004970	S.RES ERJ2GEJ 470 X (47)	B	138.8/85.4
R255	7030008400	S.RES ERJ2GEJ 182 X (1.8 k)	B	51.4/140.4
R257	7410001140	S.ARY EXB28V104JX	T	14.5/45.7
R258	7030005110	S.RES ERJ2GEJ 224 X (220 k)	B	58.3/140.4
R259	7030005170	S.RES ERJ2GEJ 474 X (470 k)	B	56.1/140.4
R260	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	144.6/121.4
R261	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	52.5/25.2
R262	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	51.9/22.8
R263	7410001140	S.ARY EXB28V104JX	T	46.2/20
R264	7410001140	S.ARY EXB28V104JX	T	50.2/24
R265	7030007280	S.RES ERJ2GEJ 331 X (330)	T	143/121.4
R266	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	34.6/133.5
R267	7410001140	S.ARY EXB28V104JX	T	14.8/43.1
R268	7410001150	S.ARY EXB28V471JX	T	45.7/31.8
R269	7030007270	S.RES ERJ2GEJ 151 X (150)	B	142.6/92.6
R270	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	30.6/134
R271	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	23.8/26.7
R272	7410001150	S.ARY EXB28V471JX	T	17.9/32.3
R273	7410001150	S.ARY EXB28V471JX	T	17.9/35.1
R274	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	31.5/134
R277	7030004980	S.RES ERJ2GEJ 101 X (100)	T	143.4/126.6
R278	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	13.9/65.6
R279	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	T	103.6/88.4
R280	7030004990	S.RES ERJ2GEJ 221 X (220)	T	138.4/128.2
R281	7410001150	S.ARY EXB28V471JX	T	21.3/31.8
R282	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	37.8/20.3
R283	7030005100	S.RES ERJ2GEJ 154 X (150 k)	T	141.5/126.6
R285	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	101.6/79.5
R287	7410001140	S.ARY EXB28V104JX	T	49.7/27.7
R288	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	136.8/124.7
R289	7030006070	S.RES ERJ2YJ101U (100)	B	86.9/117.5
R290	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	137.2/122.6
R291	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	T	139.2/121.2
R292	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	139.3/128.

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R333	7030007350	S.RES ERJ2GEJ 393 X (39 k)	B	139.3/131.4
R334	7030005651	S.RES ERA3YKD 304V (300 k)	T	57.8/30.5
R335	7030005871	S.RES ERA3YKD 104V (100 k)	T	55.9/29.7
R336	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	12/120.9
R337	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	13.2/120.6
R339	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	12/125.3
R341	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	33.3/12
R342	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	45.3/56.9
R346	7410001150	S.ARY EXB28V471JX	T	43.5/73.8
R347	7030005000	S.RES ERJ2GEJ 471 X (470)	T	9.8/132.9
R348	7030000620	S.RES MCR10EZJH 100 k	B	147.2/150.9
R349	7030000620	S.RES MCR10EZJH 100 k	B	26/149.7
R350	7030003560	S.RES ERJ3GEVJ 103 V (10 k)	B	6.4/131
R352	7030005040	S.RES ERJ2GEJ 472 X (4.7 k)	T	10.2/125.3
R353	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	55.8/56.9
R354	7030005700	S.RES ERJ2GEJ 274 X (270 k)	T	125.2/103.6
R355	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	129.2/103.6
R356	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	9.8/134.5
R357	7030003560	S.RES ERJ3GEVJ 103 V (10 k)	B	10.1/150.2
R362	7540000290	ABS ERZV10D220		
R364	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	65.1/71.2
R365	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	7.4/120.7
R366	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	T	7/123.5
R367	7030004980	S.RES ERJ2GEJ 101 X (100)	T	9.7/117.3
R368	7030008300	S.RES ERJ2GEJ 184 X (180 k)	T	8.5/117.8
R369	7030005230	S.RES ERJ2GEJ 334 X (330 k)	T	9.7/118.2
R370	7030008280	S.RES ERJ2GEJ 271 X (270)	T	6.1/120.7
R371	7030010040	S.RES ERJ2GEJ-JPW	T	5/117.3
R372	7030005000	S.RES ERJ2GEJ 471 X (470)	T	115.3/15.8
R373	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	115.3/14
R374	7030000140	S.RES MCR10EZJH 10 (100)	T	111.2/12.3
R375	7030010040	S.RES ERJ2GEJ-JPW	T	100.1/16.3
R376	7030004980	S.RES ERJ2GEJ 101 X (100)	B	62.3/122.2
R377	7030005000	S.RES ERJ2GEJ 471 X (470)	B	62.3/124.7
R378	7030005210	S.RES ERJ2GEJ 822 X (8.2 k)	B	63.2/126.1
R379	7030005210	S.RES ERJ2GEJ 822 X (8.2 k)	B	59.6/126.1
R380	7030007260	S.RES ERJ2GEJ 330 X (33)	B	57.8/123.7
R381	7030004990	S.RES ERJ2GEJ 221 X (220)	B	61.4/126.1
R424	7410001150	S.ARY EXB28V471JX	T	46.3/42.9
R425	7410001150	S.ARY EXB28V471JX	T	36.8/23
R426	7410001150	S.ARY EXB28V471JX	T	47.8/33.9
R427	7030005000	S.RES ERJ2GEJ 471 X (470)	T	25.5/26.7
R428	7410001140	S.ARY EXB28V104JX	T	48/22.7
R429	7410001140	S.ARY EXB28V104JX	T	49.7/30.2
R430	7410001140	S.ARY EXB28V104JX	T	52.3/43.6
R431	7410001150	S.ARY EXB28V471JX	T	17.9/40.3
R432	7410001140	S.ARY EXB28V104JX	T	15.2/48.2
R433	7410001150	S.ARY EXB28V471JX	T	39.6/23
R434	7410000750	S.ARY EXB-V4V 104JV (100 k)	B	36.8/48.2
R435	7410001140	S.ARY EXB28V104JX	B	39.1/47.8
R436	7410001140	S.ARY EXB28V104JX	B	44.3/41.2
R438	7410001140	S.ARY EXB28V104JX	B	34.4/47.7
R443	7030005000	S.RES ERJ2GEJ 471 X (470)	T	60.4/59.2
R444	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	13.5/33.6
R445	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	13.5/36.1
R446	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	13.5/37.4
R447	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	50.2/19.2
R448	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	49.3/19.2
R449	7030005170	S.RES ERJ2GEJ 474 X (470 k)	T	39.5/19.2
R450	7030005050	S.RES ERJ2GEJ 103 X (10 k)	T	50.2/16.5
R451	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	50.2/18
R452	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	51.1/19.2
R453	7030005120	S.RES ERJ2GEJ 102 X (1 k)	T	52/13.9
R454	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	94.9/2.7
R455	7030005010	S.RES ERJ2GEJ 681 X (680)	B	124.9/2.7
R456	7030005120	S.RES ERJ2GEJ 102 X (1 k)	B	109.9/2.7
R467	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	38/44.6
R468	7410001140	S.ARY EXB28V104JX	B	31.8/48.5
R469	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	32.6/44.6
R470	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	10.9/20.2
R471	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	47.7/44.2
R472	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	4.8/36.1
R473	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	46.2/44.6
R474	7030005530	S.RES ERJ2GEJ 100 X (10)	B	15.5/55.3
R475	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	9/56.2
R476	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	15/53.5
R477	7030005080	S.RES ERJ2GEJ 823 X (82 k)	B	15/52.6
R478	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	9.1/54.7
R479	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	64.2/69.6
R480	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	15.6/61.5
R481	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	16.5/59.9
R482	7410001150	S.ARY EXB28V471JX	T	19.6/45.1
R483	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	31.2/56.5
R484	7030005090	S.RES ERJ2GEJ 104 X (100 k)	B	28.8/50.9
R485	7410001150	S.ARY EXB28V471JX	T	67.3/96.9
R486	7410001150	S.ARY EXB28V471JX	T	64.8/105.4
R487	7410001150	S.ARY EXB28V471JX	T	72.8/105.4
R488	7030008400	S.RES ERJ2GEJ 182 X (1.8 k)	T	9.5/54.9
R489	7030004980	S.RES ERJ2GEJ 101 X (100)	B	24.1/58.7
R490	7030008290	S.RES ERJ2GEJ 183 X (18 k)	B	28.2/58.4
R491	7030004980	S.RES ERJ2GEJ 101 X (100)	B	26.1/51.2
R492	7030005240	S.RES ERJ2GEJ 473 X (47 k)	B	29.8/58.8
R493	7030010040	S.RES ERJ2GEJ-JPW	T	11.3/19
R494	7030005000	S.RES ERJ2GEJ 471 X (470)	T	73.2/98.2
R495	7030005100	S.RES ERJ2GEJ 154 X (150 k)	T	55.2/55.3
R496	7030005070	S.RES ERJ2GEJ 683 X (68 k)	T	52.7/56.2
R497	7030005700	S.RES ERJ2GEJ 274 X (270 k)	T	52.7/55.3
R498	7030005600	S.RES ERJ2GEJ 273 X (27 k)	B	61.4/103.1
R499	7030004980	S.RES ERJ2GEJ 101 X (100)	T	24.4/57
R500	7030005600	S.RES ERJ2GEJ 273 X (27 k)	T	21.2/57.5
R501	7030005220	S.RES ERJ2GEJ 223 X (22 k)	T	22.8/53.8
R502	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	28/55
R503	7030007350	S.RES ERJ2GEJ 393 X (39 k)	T	55.5/58.4
R505	7030010040	S.RES ERJ2GEJ-JPW	T	113.4/18.3

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R506	7030005110	S.RES ERJ2GEJ 224 X (220 k)	T	113.4/19.3
R507	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	115/19.3
R508	7030010040	S.RES ERJ2GEJ-JPW	T	144.6/119.6
R509	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	33.3/15.2
R510	7030007350	S.RES ERJ2GEJ 393 X (39 k)	B	29/14.1
R511	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	29.1/18.5
R512	7030005050	S.RES ERJ2GEJ 103 X (10 k)	B	30.8/18.5
R513	7030007280	S.RES ERJ2GEJ 331 X (330)	B	72.3/90.4
R530	7030005240	S.RES ERJ2GEJ 473 X (47 k)	T	62.5/66.3
R531	7030007290	S.RES ERJ2GEJ 222 X (2.2 k)	B	64.6/78.2
R532	7030005000	S.RES ERJ2GEJ 471 X (470)	B	45.1/37.1
R533	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	57.2/18.4
R534	7030005600	S.RES ERJ2GEJ 273 X (27 k)	B	45.3/58.6
R535	7030004980	S.RES ERJ2GEJ 101 X (100)	B	55.8/55.3
R536	7030005600	S.RES ERJ2GEJ 103 X (27 k)	B	55.8/58.6
R537	7030010040	S.RES ERJ2GEJ-JPW	B	41.6/41.2
R539	7030005100	S.RES ERJ2GEJ 154 X (150 k)	T	64.2/71.2
R540	7030005090	S.RES ERJ2GEJ 104 X (100 k)	T	90.6/17.9
R541	7030005220	S.RES ERJ2GEJ 223 X (22 k)	T	28.9/55
C1	4030017420	S.CER ECJ0EC1H470J	B	120.7/39
C2	4030017420	S.CER ECJ0EC1H470J	B	22.9/78.1
C3	4030016930	S.CER ECJ0EB1A104K	B	130.8/50.2
C4	4030017420	S.CER ECJ0EC1H470J	B	122.2/37.1
C5	4030017420	S.CER ECJ0EC1H470J	B	21.7/77.1
C6	4030016930	S.CER ECJ0EB1A104K	B	52.4/77.9
C7	4030017420	S.CER ECJ0EC1H470J	B	123.1/37.1
C8	4030017420	S.CER ECJ0EC1H470J	B	21.7/75.5
C9	4030017460	S.CER ECJ0EB1E102K	T	17.6/59
C10	4030016930	S.CER ECJ0EB1A104K	B	55.7/77.9
C11	4030016930	S.CER ECJ0EB1A104K	B	124/37.1
C12	4030016930	S.CER ECJ0EB1A104K	B	22.1/74.3
C13	4030016930	S.CER ECJ0EB1A104K	B	55.6/80.7
C14	4030017460	S.CER ECJ0EB1E102K	T	16.1/59.9
C15	4030016930	S.CER ECJ0EB1A104K	T	62.4/67.5
C16	4030017420	S.CER ECJ0EC1H470J	T	56.2/64.5
C17	4030016930	S.CER ECJ0EB1A104K	B	115.6/40.6
C18	4030017700	S.CER ECJ0EC1H151J	T	62.4/71.2
C19	4030016930	S.CER ECJ0EB1A104K	B	22.9/80.3
C20	4550006250	S.TAN TEESVA 1A 106M8R	B	115.4/37.5
C21	4550006250	S.TAN TEESVA 1A 106M8R	B	21.3/80.5
C22	4030016930	S.CER ECJ0EB1A104K	B	50/77.9
C23	4030016930	S.CER ECJ0EB1A104K	T	57.8/52.6
C24	4030016930	S.CER ECJ0EB1A104K	B	50.3/81.1
C25	4030016930	S.CER ECJ0EB1A104K	B	54.4/81.1
C26	4030017460	S.CER ECJ0EB1E102K	B	117.8/39.2
C27	4030017460	S.CER ECJ0EB1E102K	B	23.8/80.3
C28	4030016930	S.CER ECJ0EB1A104K	B	53.3/77.9
C30	4030017460	S.CER ECJ0EB1E102K	T	59.8/67
C31	4030016930	S.CER ECJ0EB1A104K	T	60.5/53
C32	4030017590	S.CER ECJ0EC1H070C	B	38.4/79.1
C33	4030016930	S.CER ECJ0EB1A104K	T	58.9/67
C34	4030017570	S.CER ECJ0EC1H040B	B	37.2/78.7
C35	4030016930	S.CER ECJ0EB1A104K	B	38.3/76
C36	4030017500	S.CER ECJ0EC1H560J	B	37.2/79.6
C37	4030016930	S.CER ECJ0EB1A104K	B	48.4/79.8
C38	4030016930	S.CER ECJ0EB1A104K	B	69.8/78.2
C39	4030017360	S.CER ECJ0EC1H030B	B	71.4/77.3
C40	4030017760	S.CER ECJ0EB1H222K	B	68.2/77.3
C41	4030018860	S.CER ECJ0EB0J105K	B	31/58.2
C42	4030017760	S.CER ECJ0EB1H222K	B	68.2/76.4
C43	4030016930	S.CER ECJ0EB1A104K	B	55.6/49
C44	4030018860	S.CER ECJ0EB0J105K	B	35.7/56.4
C45	4030016950	S.CER ECJ0EB1A473K	B	34.5/55.2
C47	4030017460	S.CER ECJ0EB1E102K	B	64.6/77.3
C48	4030016930	S.CER ECJ0EB1A104K	B	52.7/54.4
C49	4030018860	S.CER ECJ0EB0J105K	B	15.6/58.3
C50	4030016930	S.CER ECJ0EB1A104K	B	130.8/48.4
C51	4030017620	S.CER ECJ0EC1H100C	B	125.1/45.3
C52	4030017420	S.CER ECJ0EC1H470J	B	120.6/48.8
C53	4030017420	S.CER ECJ0EC1H470J	B	32.7/78.4
C54	4030017660	S.CER ECJ0EC1H330J	B	32.7/77.3
C56	4030016950	S.CER ECJ0EB1A473K	B	31.9/59.1
C59	4030017430	S.CER ECJ0EC1H101J	B	32.7/76.4
C60	4030017620	S.CER ECJ0EC1H100C	B	32.3/72.9
C61	4030018900	S.CER ECJ0EB0J474K	B	18/63.8
C62	4030016930	S.CER ECJ0EB1A104K	B	33.6/55.2
C63	4030016930	S.CER ECJ0EB1A104K	T	55.5/61.6
C66	4030017430	S.CER ECJ0EC1H101J	B	123.5/48.4
C67	4030017460	S.CER ECJ0EB1E102K	B	67.5/87.7
C69	4030016930	S.CER ECJ0EB1A104K	B	29.8/63
C70	4030017460	S.CER ECJ0EB1E102K	B	64.3/79.4
C71	4030016930	S.CER ECJ0EB1A104K	B	57.6/43.3
C72	4030018910	S.C		

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C96	4030018910	S.CER C1608 JB 0J 475K-T	B	49.2/48.9
C97	4030016930	S.CER ECJ0EB1A104K	B	57.4/50.6
C98	4030017460	S.CER ECJ0EB1E102K	B	35.1/107.3
C99	4030017460	S.CER ECJ0EB1E102K	B	39.9/72.7
C101	4030017620	S.CER ECJ0EC1H100C	B	37.7/63.2
C102	4550000560	S.TAN TEESVA 1V 334M8R	B	84.7/42.7
C103	45500003260	S.TAN TEESVA 1V 684M8R	B	26.2/100.4
C104	4030016930	S.CER ECJ0EB1A104K	B	39.9/74.5
C105	4030017520	S.CER ECJ0EC1H0R3B	B	103.2/47.8
C106	4030017340	S.CER ECJ0EC1H010B	B	47/100.1
C107	4030017590	S.CER ECJ0EC1H070C	B	72.3/89.5
C108	4030017460	S.CER ECJ0EB1E102K	B	94.5/47.1
C109	4030017530	S.CER ECJ0EC1H0R5B	B	101.9/48.3
C110	4030017530	S.CER ECJ0EC1H0R5B	B	46.5/101.4
C111	4030016790	S.CER ECJ0EB1C103K	B	70.7/92.3
C112	4550000270	S.TAN TEESVA 1E 474M8R	B	84.7/47.9
C113	4550000270	S.TAN TEESVA 1E 474M8R	B	26.2/105.6
C114	4030017520	S.CER ECJ0EC1H0R3B	B	103.2/49.6
C115	4030017550	S.CER ECJ0EC1H1R5B	B	47/102.8
C116	4030017460	S.CER ECJ0EB1E102K	B	70.7/89.5
C117	4030016790	S.CER ECJ0EB1C103K	B	69.1/90.4
C118	4030016790	S.CER ECJ0EB1C103K	B	69.1/91.3
C121	4030016790	S.CER ECJ0EB1C103K	B	71.1/94.8
C122	4030016790	S.CER ECJ0EB1C103K	B	67.2/91.6
C123	4030016930	S.CER ECJ0EB1A104K	B	67.5/100.1
C124	4030016930	S.CER ECJ0EB1A104K	B	48.5/50.5
C125	4030016790	S.CER ECJ0EB1C103K	B	95.4/43.7
C126	4030016790	S.CER ECJ0EB1C103K	B	57.2/35.1
C127	4030016790	S.CER ECJ0EB1C103K	B	36/103.9
C133	4030017590	S.CER ECJ0EC1H070C	B	59.4/92.8
C134	45500003260	S.TAN TEESVA 1V 684M8R	B	26.2/112.4
C135	4030016930	S.CER ECJ0EB1A104K	B	37.8/103.9
C136	4030016930	S.CER ECJ0EB1A104K	B	50.4/36.8
C137	4030017620	S.CER ECJ0EC1H100C	B	56.2/38.3
C138	4030017640	S.CER ECJ0EC1H150J	B	75.8/101.1
C139	4030017650	S.CER ECJ0EC1H270J	B	59.4/91.9
C140	4030016930	S.CER ECJ0EB1A104K	B	55.3/36.7
C141	4550000270	S.TAN TEESVA 1E 474M8R	B	82.6/47.9
C144	45500006250	S.TAN TEESVA 1A 106M8R	B	94.7/41.5
C145	4030017420	S.CER ECJ0EC1H470J	B	50.4/38.5
C146	4030017460	S.CER ECJ0EB1E102K	B	56.2/35.1
C147	45500006250	S.TAN TEESVA 1A 106M8R	B	33.3/100.4
C149	4030016790	S.CER ECJ0EB1C103K	B	69.4/95.7
C150	4030016790	S.CER ECJ0EB1C103K	B	65.7/97.3
C151	4030017610	S.CER ECJ0EC1H090C	B	61.7/97.1
C152	4030016930	S.CER ECJ0EB1A104K	B	55.3/32.4
C153	4030017380	S.CER ECJ0EC1H050B	B	49.8/34.9
C154	4030017420	S.CER ECJ0EC1H470J	B	26.5/120.6
C155	4030017460	S.CER ECJ0EB1E102K	B	66.5/123.2
C156	4030017420	S.CER ECJ0EC1H470J	B	28.5/111.5
C157	4030017460	S.CER ECJ0EB1E102K	B	28/117.2
C158	4030017420	S.CER ECJ0EC1H470J	B	81.7/62.1
C159	4030017420	S.CER ECJ0EC1H470J	B	81.7/53.6
C160	4030016790	S.CER ECJ0EB1C103K	B	65.7/104.4
C161	4030016790	S.CER ECJ0EB1C103K	B	62.7/98.9
C162	4030016930	S.CER ECJ0EB1A104K	B	81.7/67.1
C163	4030016930	S.CER ECJ0EB1A104K	B	81.7/58.6
C164	4030016930	S.CER ECJ0EB1A104K	B	49.5/36.8
C165	4030017460	S.CER ECJ0EB1E102K	B	81.7/66.2
C166	4030017460	S.CER ECJ0EB1E102K	B	81.7/57.7
C167	4030017460	S.CER ECJ0EB1E102K	B	97.3/45.4
C168	4030017380	S.CER ECJ0EC1H050B	B	32.6/124.3
C169	4030017600	S.CER ECJ0EC1H080C	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	30.8/124.4
C170	4030017620	S.CER ECJ0EC1H100C	B	30.8/124.4
		[USA-01]	B	
C171	4030017580	S.CER ECJ0EC1H060C	B	30.6/114.4
		S.CER ECJ0EC1H100C	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	30.6/115.3
		[USA-01]	B	30.6/115.3
C172	4030017630	S.CER ECJ0EC1H120J	B	
		S.CER ECJ0EC1H060C	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	87.8/65.7
		[USA-01]	B	87.8/65.7
C173	4030017590	S.CER ECJ0EC1H070C	B	86.5/65.3
		S.CER ECJ0EC1H080C	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	86.5/65.3
C174	4030017610	S.CER ECJ0EC1H090C	B	85.7/55
C175	4030017620	S.CER ECJ0EC1H100C	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	85.7/55.9
		[USA-01]	B	85.7/55.9
C176	4030018860	S.CER ECJ0EB0J105K	T	62.9/51
C177	4030017380	S.CER ECJ0EC1H050B	B	35.6/120.7
		S.CER ECJ0EC1H040B	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	35.6/120.7
C178	4030017380	S.CER ECJ0EC1H050B	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	32/112.2
		[USA-01]	B	32/112.2
C179	4030017420	S.CER ECJ0EC1H120J	T	14.9/129.1
C180	4030017600	S.CER ECJ0EC1H080C	B	91.5/62
C181	4030017590	S.CER ECJ0EC1H070C	B	87.1/52.9
		S.CER ECJ0EC1H090C	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	87.1/52.9
C182	4030016790	S.CER ECJ0EB1C103K	B	63.1/104.4
C183	4030017420	S.CER ECJ0EC1H470J	T	14.9/131.3
C184	4030017600	S.CER ECJ0EC1H080C	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	34.9/124.3
		[USA-01]	B	34.9/124.3
C185	4030017620	S.CER ECJ0EC1H100C	B	
		S.CER ECJ0EC1H100C	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	35.4/115.3
		[USA-01]	B	35.4/115.3
C186	4030017420	S.CER ECJ0EC1H470J	B	98.2/48.8
C187	4030017540	S.CER ECJ0EC1HR75B	B	89.4/66.8
C188	4030017360	S.CER ECJ0EC1H030B	B	90.6/66.6
C189	4030017340	S.CER ECJ0EC1H010B	B	87/57.2
C190	4030017350	S.CER ECJ0EC1H020B	B	87/58.2

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C191	4030017590	S.CER ECJ0EC1H070C	B	89.4/65.7
C192	4030017640	S.CER ECJ0EC1H150J	B	90.5/56.3
C193	4030017460	S.CER ECJ0EB1E102K	B	61.4/107.1
C194	4030017580	S.CER ECJ0EC1H060C	B	36.8/122.8
C195	4030017630	S.CER ECJ0EC1H120J	B	40.1/120.7
C196	4030017620	S.CER ECJ0EC1H100C	B	37.6/114.4
C197	4030017640	S.CER ECJ0EC1H150J	B	41/112.2
C198	4030016790	S.CER ECJ0EB1C103K	B	60.5/107.1
C200	4030017570	S.CER ECJ0EC1H040B	B	92.4/64.3
C201	4030017620	S.CER ECJ0EC1H100C	B	96/62
C202	4030017610	S.CER ECJ0EC1H090C	B	93.1/55.4
C203	4030017390	S.CER ECJ0EC1H180J	B	96.3/52.9
C204	4550006250	S.TAN TEESVA 1A 106M8R	T	81.7/17
C205	4550006250	S.TAN TEESVA 1A 106M8R	T	85.1/17
C206	4550006250	S.TAN TEESVA 1A 106M8R	T	88.8/16.7
C208	4030017490	S.CER C1608 JB 1A 105K-T	T	80/16.6
C209	4030017490	S.CER C1608 JB 1A 105K-T	T	83.4/16.6
C210	4030017490	S.CER C1608 JB 1A 105K-T	T	86.9/16.3
C211	4030016930	S.CER ECJ0EB1A104K	B	38.3/120.7
C212	4030016790	S.CER ECJ0EB1C103K	B	39.2/112.2
C213	4030017660	S.CER ECJ0EC1H330J	B	68.5/106.1
C214	4030017460	S.CER ECJ0EB1E102K	B	66.8/107
C215	4030017530	S.CER ECJ0EC1H0R5B	B	41.9/120.7
C216	4030017520	S.CER ECJ0EC1H0R3B	B	42.6/115.7
C217	4030017460	S.CER ECJ0EB1E102K	B	39.2/120.7
C218	4030017460	S.CER ECJ0EB1E102K	B	40.1/112.2
C219	4030016790	S.CER ECJ0EB1C103K	B	94.2/62
C220	4030017530	S.CER ECJ0EC1H0R5B	B	98.2/61.3
C221	4030016790	S.CER ECJ0EB1C103K	B	94.5/52.9
C222	4030017530	S.CER ECJ0EC1H0R5B	B	98.2/57.1
C224	4030017460	S.CER ECJ0EB1E102K	B	95.1/62
C225	4030017460	S.CER ECJ0EB1E102K	B	95.4/52.9
C228	4030017490	S.CER C1608 JB 1A 105K-T	T	79.8/24.4
C229	4030017490	S.CER C1608 JB 1A 105K-T	T	83.3/24.4
C230	4030017490	S.CER C1608 JB 1A 105K-T	T	86.8/24.4
C231	4550005980	S.TAN TEESVA 1A 475M8R	T	81.6/25.6
C232	4550005980	S.TAN TEESVA 1A 475M8R	T	85.1/25.6
C233	4550005980	S.TAN TEESVA 1A 475M8R	T	88.5/25.6
C235	4030017030	S.CER ECJ0EB1A273K	T	41/55
C236	4030017730	S.CER ECJ0EB1E471K	B	100.5/55.5
C237	4030017460	S.CER ECJ0EB1E102K	B	100.5/60.4
C238	4030017730	S.CER ECJ0EB1E471K	B	44.9/112.6
C239	4030017460	S.CER ECJ0EB1E102K	B	44.9/118
C240	4510008540	S.ELE EEE1CA100SR	T	95.1/22.3
C241	4030017350	S.CER ECJ0EC1H020B	B	68.3/120.9
C242	4030016790	S.CER ECJ0EB1C103K	B	68.7/111.2
C243	4030017460	S.CER ECJ0EB1E102K	B	70.3/106.1
C244	4030016790	S.CER ECJ0EB1C103K	B	70.3/107
C245	4030017460	S.CER ECJ0EB1E102K	B	91.5/59.6
C246	4030017580	S.CER ECJ0EC1H060C	B	46.9/113.5
C247	4030017460	S.CER ECJ0EB1E102K	B	43.1/109.1
C248	4030017460	S.CER ECJ0EB1E102K	B	36/117.8
C249	4030017420	S.CER ECJ0EC1H470J	B	48.1/109.1
C250	4030017380	S.CER ECJ0EC1H050B	B	103.7/58.7
C251	4030017580	S.CER ECJ0EC1H060C	B	102.6/55.9
C252	4030017460	S.CER ECJ0EB1E102K	B	100.5/50
C253	4030017380	S.CER ECJ0EC1H050B	B	48/116.2
C254	4030017460	S.CER ECJ0EB1E102K	B	103.7/53.4
C255	4030016930	S.CER ECJ0EB1A104K	T	42.1/50.6
C256	4030017640	S.CER ECJ0EC1H150J	T	43.1/55
C257	4030016790	S.CER ECJ0EB1C103K	T	34.5/58.8
C258	4030017580	S.CER ECJ0EC1H060C	B	59.6/117.8
C259	4030017580	S.CER ECJ0EC1H060C	B	48.5/46.4
C260	4030017460	S.CER ECJ0EB1E102K	B	46.5/105.4
C262	4030016930	S.CER ECJ0EB1A104K	T	69.2/57.5
C263	4030017420	S.CER ECJ0EC1H470J	B	60.5/126.1
C264	4030017460	S.CER ECJ0EB1E102K	B	101.9/50
C265	4030017460	S.CER ECJ0EB1E102K	B	43.5/120.7
C266	4030018900	S.CER ECJ0EB0J474K	T	43.9/45.6
C267	4030017630	S.CER ECJ0EC1H120J	B	59.6/119.3
C268	4030017420	S.CER ECJ0EC1H470J	B	62.3/126.1
C269	4550006780	S.TAN TEESVB2 0J 476M8R	T	71.8/60.8
C270	4030016930	S.CER ECJ0EB1A104K	T	40.5/49.7
C271	4030017350	S.CER ECJ0EC1H020B	B	68.1/137.9
C272	4030017630	S.CER ECJ0EC1H120J	T	47.3/60.1
C274	4030017460	S.CER ECJ0EB1E102K	B	44.4/120.7
C275	4030017620	S.CER ECJ0EC1H100C	B	48/124.4
C276	4030017530	S.CER ECJ0EC1H0R5B	B	67.2/137.9
C277	4030016790	S.CER ECJ0EB1C103K	T	48.6/36.7
C279	4030017580	S.CER ECJ0EC1H060C	B	59.6/120.9
C280	4030017460	S.CER ECJ0EB1E102K	B	98.9/66.3
C281	4030017460	S.CER ECJ0EB1E102K	B	100/62
C282	4030017620	S.CER ECJ0EC1H100C	B	61.4/122.2
C283	4030017620	S.CER ECJ0EC1H100C	B	103.7/65.9
C285	4030017610	S.CER ECJ0EC1H090C	B	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	66.1/137.9
		[USA-01]	B	66.1/137.9
C286	4030017530	S.CER ECJ0EC1H100C	B	64.5/139.2

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C303	4030017370	S.CER ECJ0EC1H3R5B	B	131.4/82.3
C304	4030017420	S.CER ECJ0EC1H470J	B	136.2/81.9
C305	4030017420	S.CER ECJ0EC1H470J	B	46.4/133.8
C306	4030017460	S.CER ECJ0EB1E102K	B	47.4/133.8
C307	4030017460	S.CER ECJ0EB1E102K	B	45.4/138.3
C309	4030017420	S.CER ECJ0EC1H470J	B	136.8/84.5
C310	4030017380	S.CER ECJ0EC1H050B	B	134.9/85.9
C311	4030016930	S.CER ECJ0EB1A104K	B	45.4/140.4
C312	4030017420	S.CER ECJ0EC1H470J	B	50.4/140.4
C313	4030016930	S.CER ECJ0EB1A104K	B	46.4/140.4
C314	4030017460	S.CER ECJ0EB1E102K	B	49.4/140.4
C315	4030017730	S.CER ECJ0EB1E471K	B	137.8/84.5
C316	4030017570	S.CER ECJ0EC1H040B	B	130.4/80.9
C321	4030017420	S.CER ECJ0EC1H470J	T	66/57.5
C322	4030017420	S.CER ECJ0EC1H470J	T	67.6/54.3
C323	4030017620	S.CER ECJ0EC1H100C	B	44.4/137.7
C324	4030017530	S.CER ECJ0EC1H0R5B	B	134.9/88.3
C326	4030017580	S.CER ECJ0EC1H060C	B	39.3/138.2
C327	4030017360	S.CER ECJ0EC1H030B	B	141.8/89.2
C328	4030017420	S.CER ECJ0EC1H470J	B	140.9/85.4
C329	4030017410	S.CER ECJ0EC1H240J	B	38.4/133.5
C330	4030017460	S.CER ECJ0EB1E102K	B	139.9/85.4
C331	4030017460	S.CER ECJ0EB1E102K	B	59.2/140.4
C332	4030018860	S.CER ECJ0EB0J105K	B	55/140.4
C333	4030016930	S.CER ECJ0EB1A104K	T	23.1/29.4
C335	4030017550	S.CER ECJ0EC1H1R5B	B	144/89.5
C336	4030018860	S.CER ECJ0EB0J105K	B	60.1/140.4
C337	4030017580	S.CER ECJ0EC1H060C	B	142.6/91.7
C338	4030017550	S.CER ECJ0EC1H1R5B	B	39.3/139.1
C339	4030017460	S.CER ECJ0EB1E102K	B	32.5/134
C340	4030016930	S.CER ECJ0EB1A104K	T	54/20.3
C341	4030017420	S.CER ECJ0EC1H470J	T	143.1/123.3
C342	4030017730	S.CER ECJ0EB1E471K	B	138.8/108
C345	4030017460	S.CER ECJ0EB1E102K	B	30.6/135.9
C346	4030017420	S.CER ECJ0EC1H470J	T	63.1/57.2
C347	4030017460	S.CER ECJ0EB1E102K	T	143.1/124.2
C348	4030017420	S.CER ECJ0EC1H470J	T	63.8/55.2
C349	4030017580	S.CER ECJ0EC1H060C	B	143.5/95.2
C350	4030017420	S.CER ECJ0EC1H470J	T	138.7/112.3
C351	4030017460	S.CER ECJ0EB1E102K	T	138.7/113.2
C352	4030017410	S.CER ECJ0EC1H240J	B	31.6/137.9
C353	4030017460	S.CER ECJ0EB1E102K	T	140.4/118.8
C354	4030017420	S.CER ECJ0EC1H470J	T	106.6/115.9
C355	4030017380	S.CER ECJ0EC1H050B	B	37.5/136.8
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	37.5/136.8
		[USA-01]	B	39.3/140
C357	4030017630	S.CER ECJ0EC1H120J	T	137.5/128.2
C358	4030016790	S.CER ECJ0EB1C103K	T	107.2/86.5
C359	4510009550	S.ELE EEEFK1C100R	T	106.6/116.8
C360	4030017460	S.CER ECJ0EB1E102K	B	39.7/144.6
C362	4030017510	S.CER ECJ0EC1H680J	B	
C364	4030011020	S.CER GRM31M4C2H1R0CY21L	B	89.8/119.8
		[USA-01]	B	
	4030011030	S.CER GRM31M4C2H1R5CY21L	B	89.8/119.8
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	106.6/117.7
C365	4030017730	S.CER ECJ0EB1E471K	T	142.4/126.6
C366	4030016970	S.CER ECJ0EB1C223K	T	107.3/95.1
C367	4510009810	S.ELE EEEFK1E220R	T	89.1/142
C368	4030006860	S.CER C1608 JB 1H 102K-T	B	33.4/134
C369	4030017460	S.CER ECJ0EB1E102K	B	100.2/123.1
C370	4030011060	S.CER GRM31M2C2H4R0CY21L	B	35.5/142.5
C371	4030006980	S.CER C1608 CH 1H 070D-T	T	
	4030007010	S.CER C1608 CH 1H 100D-T	T	
		[EXP-01], [USA-02], [EXP-02], [FR6100]	T	35.5/142.5
C372	4030011100	S.CER GRM31M2C2H8R0DV01L	B	100.2/121
C373	4030017780	S.CER ECJ0EB1E472K	T	136.7/123.8
C374	4030017420	S.CER ECJ0EC1H470J	B	85.2/129.8
C375	4030017460	S.CER ECJ0EB1E102K	T	113.1/95.2
C376	4030017350	S.CER ECJ0EC1H020B	B	86/138.8
C377	4030017420	S.CER ECJ0EC1H470J	B	84.2/119.4
C378	4030017420	S.CER ECJ0EC1H470J	T	112.2/95.2
C381	4030017400	S.CER ECJ0EC1H220J	T	111.3/95.2
C383	4030017460	S.CER ECJ0EB1E102K	T	114/78.2
C385	4030017460	S.CER ECJ0EB1E102K	B	22.8/142.4
C386	4030017460	S.CER ECJ0EB1E102K	T	139.2/119.6
C387	4030017600	S.CER ECJ0EC1H080C	B	89.7/137.9
C388	4510009550	S.ELE EEEFK1C100R	T	126.4/77.2
C389	4030017200	S.CER GRM31BR32J102KY01L	B	96.8/130.4
C390	4030011070	S.CER GRM31M2C2H5R0CY21L	B	87.6/133.2
C391	4030017460	S.CER ECJ0EB1E102K	T	122.2/76
C392	4030017520	S.CER ECJ0EC1H0R3B	B	95.4/134.3
C393	4030011050	S.CER GRM31M3C2H3R0CY21L	B	98.4/126.8
C394	4550006250	S.TAN TEESVA 1A 106M8R	B	26.3/15.3
C395	4030011050	S.CER GRM31M3C2H3R0CY21L	B	100.5/126.9
C396	4510009550	S.ELE EEEFK1C100R	T	97/77.8
C397	4030017460	S.CER ECJ0EB1E102K	T	137.4/118.5
C398	4550006250	S.TAN TEESVA 1A 106M8R	B	31.7/15.5
C399	4030017460	S.CER ECJ0EB1E102K	T	100/76.1
C400	4030017460	S.CER ECJ0EB1E102K	B	86.2/129.8
C401	4030011080	S.CER GRM31M2C2H6R0DV01L	B	103.2/130.9
C402	4030016930	S.CER ECJ0EB1A104K	T	47.2/71.6
C403	4030011050	S.CER GRM31M3C2H3R0CY21L	B	106.2/130.9
C404	4030017460	S.CER ECJ0EB1E102K	T	140.7/129.2
C405	4030017420	S.CER ECJ0EC1H470J	B	56.7/55.3
C406	4030016790	S.CER ECJ0EB1C103K	T	103.5/76.2
C407	4030011030	S.CER GRM31M4C2H1R5CY21L	B	102.6/137.2
C408	4030017460	S.CER ECJ0EB1E102K	B	98.1/138.5
C409	4030011050	S.CER GRM31M3C2H3R0CY21L	B	110.9/136
C410	4030011050	S.CER GRM31M3C2H3R0CY21L	B	113/134
C411	4550007650	S.TAN F931V105MAABMA	T	37.5/68.6
C412	4030017460	S.CER ECJ0EB1E102K	T	112.6/78.5
C413	4030016930	S.CER ECJ0EB1A104K	T	38.5/71.9
C414	4030017420	S.CER ECJ0EC1H470J	B	29.7/135.9
C415	4550007650	S.TAN F931V105MAABMA	T	37.5/63.4

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C416	4550006250	S.TAN TEESVA 1A 106M8R	T	107.8/81.5
C417	4030016930	S.CER ECJ0EB1A104K	T	15/125.7
C418	4550007650	S.TAN F931V105MAABMA	T	39.4/73.9
C419	4030011050	S.CER GRM31M3C2H3R0CY21L	B	115.7/134
		[USA-01]	B	
	4030011060	S.CER GRM31M2C2H4R0CY21L	B	115.7/134
		[EXP-01], [USA-02], [EXP-02], [FR6100]	B	27.4/18.5
C420	4030016930	S.CER ECJ0EB1A104K	B	119.5/139.5
C422	4030006860	S.CER C1608 JB 1H 102K-T	B	119.4/145.9
C423	4030017460	S.CER ECJ0EB1E102K	T	14.1/125.7
C424	4030016930	S.CER ECJ0EB1A104K	T	120.8/139.5
C426	4030009530	S.CER C1608 CH 1H 030B-T	B	33.3/13.6
C431	4030018860	S.CER ECJ0EB0J105K	T	10.8/120.6
C432	4030016930	S.CER ECJ0EB1A104K	B	139.5/137.7
C433	4030006860	S.CER C1608 JB 1H 102K-T	B	140.5/131
C434	4030017460	S.CER ECJ0EB1E102K	T	54.8/29.8
C435	4030017460	S.CER ECJ0EB1E102K	B	144.8/138.6
C436	4030011050	S.CER GRM31M3C2H3R0CY21L	B	34.4/12
C437	4030016930	S.CER ECJ0EB1A104K	B	112.8/88.2
C438	4030016790	S.CER ECJ0EB1C103K	T	128.4/89.8
C439	4510009810	S.ELE EEEFK1E220R	T	7.9/129.6
C440	4030018900	S.CER ECJ0EB0J474K	T	12/126.2
C441	4030017440	S.CER ECJ0EC1H221J	T	9.6/119.8
C442	4510008780	S.ELE EEE1EA471P	B	111.9/88.2
C443	4030017460	S.CER ECJ0EB1E102K	B	147/148.9
C444	4030011070	S.CER GRM31M2C2H5R0CY21L	B	6.6/130.1
C446	4030017460	S.CER ECJ0EB1E102K	T	128.8/102.4
C448	4030017460	S.CER ECJ0EB1E102K	B	8.9/139.2
C449	4510008870	S.ELE EEE1AA471UP	T	7/125.3
C450	4030016930	S.CER ECJ0EB1A104K	T	8.6/125.3
C451	4030018860	S.CER ECJ0EB0J105K	T	72/98.2
C452	4030018860	S.CER ECJ0EB0J105K	T	130.8/103.6
C453	4030017460	S.CER ECJ0EB1E102K	B	46.3/56.9
C454	4030017430	S.CER ECJ0EC1H101J	T	114.8/95.7
C458	4030017460	S.CER ECJ0EB1E102K	T	116.3/119.1
C459	4030017460	S.CER ECJ0EB1E102K	B	9.6/147.3
C460	4030017460	S.CER ECJ0EB1E102K	T	114.8/94.8
C461	4030017420	S.CER ECJ0EC1H470J	T	115.3/119.1
C462	4030017420	S.CER ECJ0EC1H470J	B	9.6/146.4
C463	4030017420	S.CER ECJ0EC1H470J	B	144.4/121.1
C464	4510009680	S.ELE EEEFK1E471P	T	102.7/92
C465	4550006250	S.TAN TEESVA 1A 106M8R	T	99.9/88
C466	4030017420	S.CER ECJ0EC1H470J	T	62.3/58.5
C467	4030016930	S.CER ECJ0EB1A104K	T	61.7/56.9
C468	4030016930	S.CER ECJ0EB1A104K	T	7.4/122.5
C470	4030018860	S.CER ECJ0EB0J105K	T	7/124.4
C471	4030016790	S.CER ECJ0EB1C103K	T	10.9/117.7
C472	4030018860	S.CER ECJ0EB0J105K	T	5/118.9
C473	4030018860	S.CER ECJ0EB0J105K	T	115.3/17.6
C474	4030017780	S.CER ECJ0EB1E472K	T	125.1/12.1
C475	4510008120	S.ELE 16 CE 100 BS	T	125.1/19.3
C476	4510008120	S.ELE 16 CE 100 BS	T	119/12.3
C477	4030017780	S.CER ECJ0EB1E472K	T	115.3/12.2
C478	4030017780	S.CER ECJ0EB1E472K	T	104.8/14.3
C479	4510008120	S.ELE 16 CE 100 BS	B	63.2/122.2
C481	4030017460	S.CER ECJ0EB1E102K	T	60.4/60.1
C491	4030016930	S.CER ECJ0EB1A104K	B	13.5/32.6
C492	4030016930	S.CER ECJ0EB1A104K	B	66.3/45.3
C493	4510008870	S.ELE EEE1AA471UP	B	117.2/92.6
C494	4030016930	S.CER ECJ0EB1A104K	T	11.2/90.7
C495	4030016930	S.CER ECJ0EB1A104K	T	122.4/92.2
C496	4030016930	S.CER ECJ0EB1A104K	T	109.7/82
C497	4030016930	S.CER ECJ0EB1A104K	T	11.4/43.2
C498	4030016930	S.CER ECJ0EB1A104K	T	12.2/31.2
C501	4030017420	S.CER ECJ0EC1H470J	T	29.5/2.8
C502	4030017420	S.CER ECJ0EC1H470J	T	48/99.4
C503	4030017420	S.CER ECJ0EC1H470J	B	26.3/43.3
C506	4030016930	S.CER ECJ0EB1A104K	B	32.9/31
C507	4030016930	S.CER ECJ0EB1A104K	B	40.1/42.7
C508	4030016930	S.CER ECJ0EB1A104K	B	26.2/39
C509	4030016930	S.CER ECJ0EB1A104K	B	26.6/33
C510	4030016930	S.CER ECJ0EB1A104K	B	40.1/34.2
C511	4030016930	S.CER ECJ0EB1A104K	T	92/14.7
C512	4030017420	S.CER ECJ0EC1H470J	B	8.4/59.8
C513	4550006250	S.TAN TEESVA 1A 106M8R	B	11.7/53.5
C514	4030016930	S.CER ECJ0EB1A104K	B	15.5/54.4
C515	4030016930	S.CER ECJ0EB1A104K	T	65.1/69.6
C516	4030016930	S.CER ECJ0EB1A104K	B	15.6/63.1
C517	4030016930	S.CER ECJ0EB1A104K	B	12.4/62.4
C518	4030016930	S.CER ECJ0EB1A104K	B	15.6/59.9
C519	4030017460	S.CER ECJ0EB1E102K	B	18.1/53.6
C521	4030016930	S.CER ECJ0EB1A104K	T	51.2/31.8
C522	4030016930	S.CER ECJ0EB1A104K	T	51.2/31
C523	4030016930	S.CER ECJ0EB1A104K	T	51.2/31
C524	4030018910			

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C545	4030011060	S.CER GRM31M2C2H4R0CY21L	T	97.6/106.8
C546	4030018910	S.CER C1608 JB 0J 475K-T	B	40.4/56.7
C547	4030017760	S.CER ECJ0EB1H222K	T	53.7/72.1
C548	4030016930	S.CER ECJ0EB1A104K	T	14.1/120.6
C549	4030017420	S.CER ECJ0EC1H470J	T	23.1/86.8
C550	4030017420	S.CER ECJ0EC1H470J	T	70.1/82.6
C551	4030017330	S.CER ECJ0EF1C104Z	T	114.2/28.9
C552	4030016790	S.CER ECJ0EB1C103K	B	121.9/48.8
C553	4030016930	S.CER ECJ0EB1A104K	B	30.8/19.4
C555	4030016930	S.CER ECJ0EB1A104K	B	69.8/75.5
C556	4030016930	S.CER ECJ0EB1A104K	T	105.2/28.6
C557	4030016930	S.CER ECJ0EB1A104K	T	97/28.6
C558	4550006250	S.TAN TEESVA 1A 106M8R	T	95.1/27.9
C559	4550007080	S.TAN TEESVA 1C 106M8R	T	45.9/75.5
C562	4030017420	S.CER ECJ0EC1H470J	T	38.5/76.1
C563	4030016930	S.CER ECJ0EB1A104K	B	26.5/122.3
C564	4030017570	S.CER ECJ0EC1H040B	B	68.3/131.3
C565	4030017340	S.CER ECJ0EC1H010B	B	47.9/113.5
C566	4030018860	S.CER ECJ0EB0J105K	B	39/72.7
C571	4030017580	S.CER ECJ0EC1H060C	T	64.6/99.1
C572	4030017580	S.CER ECJ0EC1H060C	T	65.6/99.1
C573	4030017580	S.CER ECJ0EC1H060C	T	65.3/97.4
C574	4030017580	S.CER ECJ0EC1H060C	B	64/134.7
C575	4030017420	S.CER ECJ0EC1H470J	B	62.9/132.4
C576	4030017460	S.CER ECJ0EB1E102K	T	67.1/106.5
C577	4030017460	S.CER ECJ0EB1E102K	T	67.1/104.9
C578	4030017200	S.CER GRM31BR32J102KY01L	T	92/126
C579	4550006250	S.TAN TEESVA 1A 106M8R	B	94.7/50.6
C580	4030017420	S.CER ECJ0EC1H470J	T	100.7/73.5
C581	4030018910	S.CER C1608 JB 0J 475K-T	B	46.3/60.9
C582	4030018910	S.CER C1608 JB 0J 475K-T	T	69.7/98.2
C583	4030016930	S.CER ECJ0EB1A104K	B	46.3/58.6
C584	4030016790	S.CER ECJ0EB1C103K	B	54.9/55.3
C585	4030016930	S.CER ECJ0EB1A104K	B	54.9/58.6
C586	4030017730	S.CER ECJ0EB1E471K	B	54.9/56.9
C587	4030016790	S.CER ECJ0EB1C103K	B	52.3/59.8
C588	4030018910	S.CER C1608 JB 0J 475K-T	T	70.9/98.2
C601	4030011060	S.CER GRM31M2C2H4R0CY21L	T	97.6/111.3
C610	4030018080	S.CER ECJ0EB1H182K	T	63.3/69.6
C612	4030017460	S.CER ECJ0EB1E102K	B	55.7/29.9
C614	4030017730	S.CER ECJ0EB1E471K	B	29/13.2
C615	4030017650	S.CER ECJ0EC1H270J	B	63.2/117.5
C616	4030017460	S.CER ECJ0EB1E102K	T	93.8/64.6
C617	4030017420	S.CER ECJ0EC1H470J	T	60/64.8
C618	4030017420	S.CER ECJ0EC1H470J	T	64.9/53.3
C619	4030017420	S.CER ECJ0EC1H470J	T	74.2/107.7
C620	4030017420	S.CER ECJ0EC1H470J	T	73.7/96.8
C621	4030017420	S.CER ECJ0EC1H470J	T	31.5/2.8
C622	4030018910	S.CER C1608 JB 0J 475K-T	T	64.3/73.2
C623	4030017330	S.CER ECJ0EF1C104Z	B	126.8/16
C624	4030017330	S.CER ECJ0EF1C104Z	B	126.3/20.3
C625	4030017460	S.CER ECJ0EB1E102K	B	126.8/17.2
C626	4510009810	S.ELE EEEFK1E220R	B	129.4/23
J1	6510025220	S.CNR AXK540145J	T	23.1/63.7
J2	6510023091	S.CNR 20FLT-SM2-TB (LF) (SN)	T	14.8/15.6
J4	6510023511	S.CNR 28FLT-SM2-TB (LF) (SN)	T	70.8/102
J5	6510023110	CNR 3008L-8P8C <KIN>		
J6	6450000140	CNR HSJ0807-01-010		
J8	6510023091	S.CNR 20FLT-SM2-TB (LF) (SN)	T	59.1/15.6
J9	6510019371	S.CNR B3B-ZR-SM4-TF (LF) (SN)	T	94.6/14.3
J10	6510004910	CNR NR-DS-E 01		
J11	6510004910	CNR NR-DS-E 01		
DS1	5040002961	S.LED SML-A12MT T86J	B	96/1.1
DS2	5040002961	S.LED SML-A12MT T86J	B	126/1.1
DS3	5040003000	S.LED SML-A12UT-T86	B	111/1.1
MF1	2710000870	FAN AFB0512HB-7X22 <USE>HK		
W1	7120000470	JMP ERDS2T0		
W2	7120000470	JMP ERDS2T0		
W4	8900017520	CBL OPC-1783		
EP1	6910015370	S.BEA ACZ1005Y-102-T	B	129.1/48.4
EP2	6910015370	S.BEA ACZ1005Y-102-T	B	117.2/48.4
EP3	6910015370	S.BEA ACZ1005Y-102-T	B	32.4/81.6
EP4	6910016330	S.BEA MMZ1005S 601CT-S	B	30.4/60.5
EP5	6910015370	S.BEA ACZ1005Y-102-T	B	39/74.5
EP6	6910015370	S.BEA ACZ1005Y-102-T	B	37.8/109
EP7	6910016330	S.BEA MMZ1005S 601CT-S	B	40.7/36.7
EP8	6910015370	S.BEA ACZ1005Y-102-T	B	94.5/48.8
EP9	6910016330	S.BEA MMZ1005S 601CT-S	T	48.8/39.3
EP10	6910011560	BEA HF70BB4.5X5X1.6		
EP11	6910010280	BEA HF70BB9.5X10.4X4.9		
EP12	6910010280	BEA HF70BB9.5X10.4X4.9		
EP13	6910011330	TER OT-009 M3		
EP14	6910011330	TER OT-009 M3		

[CONNECT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C601	4030017420	S.CER ECJ0EC1H470J	T	13.8/12.4
C602	4030017400	S.CER ECJ0EC1H220J	T	12.2/12.4
C603	4030017420	S.CER ECJ0EC1H470J	T	16.5/12.4
C604	4030017400	S.CER ECJ0EC1H220J	T	15/14.2
C605	4030017420	S.CER ECJ0EC1H470J	T	17.8/13.9
C606	4030017420	S.CER ECJ0EC1H470J	T	19.4/12.4
C607	4030017420	S.CER ECJ0EC1H470J	T	20.5/13.9
C608	4030017420	S.CER ECJ0EC1H470J	T	22.6/12.4
C609	4030017420	S.CER ECJ0EC1H470J	T	25.5/12.4
C610	4030017420	S.CER ECJ0EC1H470J	T	29.7/12.8
C611	4030017420	S.CER ECJ0EC1H470J	T	31/14.1
C612	4030017420	S.CER ECJ0EC1H470J	T	32.4/12.8
C613	4030017420	S.CER ECJ0EC1H470J	T	33.5/14.1
C614	4030017420	S.CER ECJ0EC1H470J	T	35.2/14.1
C615	4030017420	S.CER ECJ0EC1H470J	T	35.7/12.8
C616	4030017420	S.CER ECJ0EC1H470J	B	35.2/15.6
C617	4030017420	S.CER ECJ0EC1H470J	T	37.5/13.5
C618	4030017420	S.CER ECJ0EC1H470J	T	39.3/12.2
C619	4030017420	S.CER ECJ0EC1H470J	T	39.9/13.4
C620	4030017420	S.CER ECJ0EC1H470J	T	41.3/12.6
C621	4030017420	S.CER ECJ0EC1H470J	T	27.4/13.9
J601	6510026290	S.CNR IMSA-9631S-28Y921	B	22.8/16.2
J602	6510023210	CNR CD6125SA1J0 <CVI>		
S1	2260003070	S.SW MINISMDC150F/24-2	B	38.9/18
W601	8900017500	CBL OPC-1852 (P0.5,N28,L90)		

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount



# SECTION 8

# MECHANICAL PARTS

## [CHASSIS PARTS]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
MP1	8810003361	SETSCREW (C) 3X6 ZC3	4
MP2	8810003361	SETSCREW (C) 3X6 ZC3	1
MP3	8110009330	3063 U-COVER	1
MP4	8110009340	3063 BOTTOM COVER	1
MP5	8930073980	3063 ANGLE	2
MP6	8930073990	3063 CENTER ANGLE	1
MP7	8810005771	SCREW BIH M3X8 ZK3	11
MP9	8810009061	SCREW M3X6 ZK3	7
MP10	8810008661	SCREW BT B0 3X8 NI-ZC3 (BT)	2

## [FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
R551	7210003050	EVU-F2KFK3B14 10KB	1
J503	6450002210	3017-8821	1
DS500	5030002811	L4-0013TVY-2	1
DS501	5040002710	EMPG3338S	1
DS502	5040002710	EMPG3338S	1
DS503	5040002710	EMPG3338S	1
DS504	5040002710	EMPG3338S	1
S506	2250000511	RH70N1037E20-13F-2781	1
SP501	2510001221	C052SB500-14	1
W501	8900011800	OPC-1199	1
W502	8900017540	OPC-1785 (Incl. MP521, 522)	1
EP501	8930065150	SRCN-2781-SP-N-W	2
EP503	6910019600	LM-5	2
EP504	6910019610	LM-7	4
MP501	8930064260	2781 LCD HOLDER	1
MP502	8210021190	2781 REFLECTOR	1
MP503	8610012160	KNOB N-324 (Incl. MP505)	1
MP504	8610012150	KNOB N-325 (Incl. MP506)	1
MP505	8610007420	KNOB SPRING NO.6601	1
MP506	8610007510	KNOB SPRING NO.7800	1
MP507	8930064220	2781 KNOB RUBBER	1
MP508	8930075200	HIMELON SHEET (CY)	2
MP510	8930059000	2601 SP NET	1
MP511	8210024400	3063 FRONT PANEL	1
MP512	8930074160	3063 FRONT PLATE	1
MP513	8310070870	3063 WINDOW PLATE	1
MP514	8210024430	3063 M-PANEL	1
MP515	8930074000	3063 SP ANGLE	1
MP516	8110009350	3063 FRONT COVER	1
MP517	8930073820	3063 FRONT KEY	1
MP518	8930073910	3063 M-COVER	1
MP519	8930074020	3063 KNOB RUBBER	1
MP520	8930075010	3063 A-PACKING	1
MP521	8930074010	3063 CODE RUBBER	1
MP522	8110009090	2854 A-MODULER COVER	1
MP529	8810008661	SCREW BT B0 3X8 NI-ZC3 (BT)	6
MP530	8810008661	SCREW BT B0 3X8 NI-ZC3 (BT)	2
MP531	8810008661	SCREW BT B0 3X8 NI-ZC3 (BT)	4
MP532	8810008661	SCREW BT B0 3X8 NI-ZC3 (BT)	6
MP533	8810008661	SCREW BT B0 3X8 NI-ZC3 (BT)	5

## [CONNECT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J601	6510026290	IMSA-9631S-28Y921	1
J602	6510023210	CD6125SA1J0	1
S1*	2260003070	MINISMDC150F/24	1
W601	8900017500	OPC-1852	1

## [MAIN UNIT]

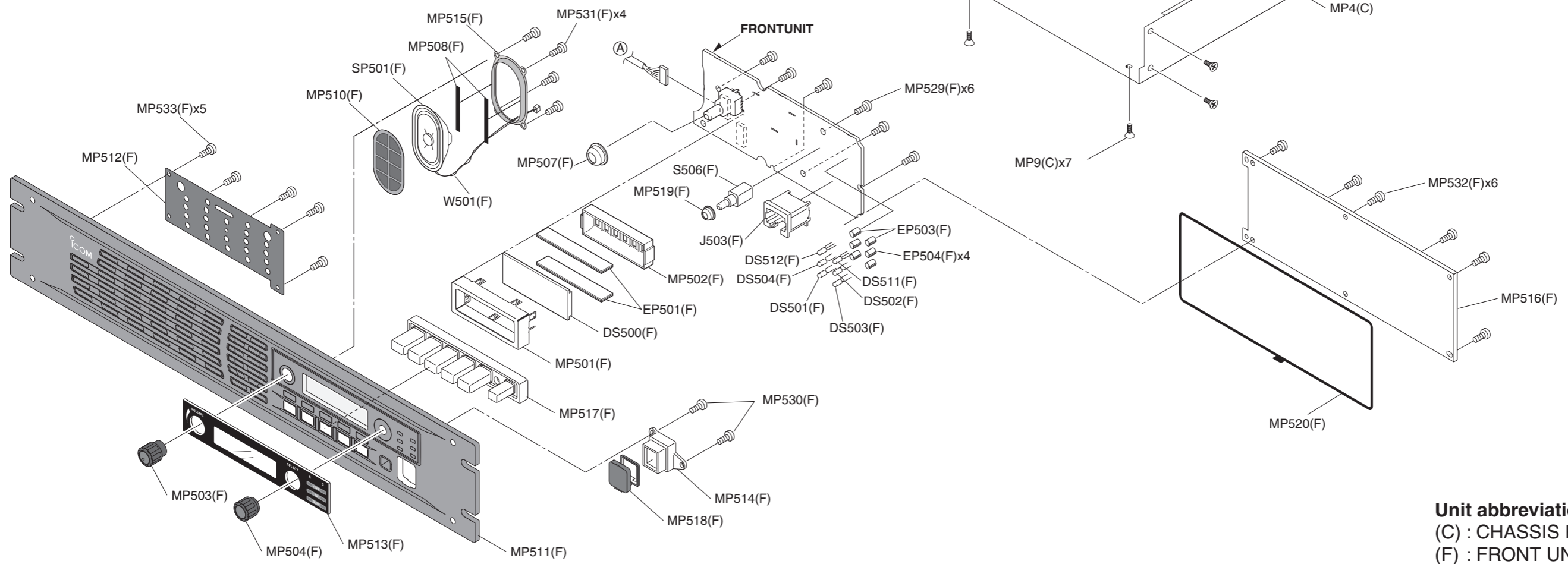
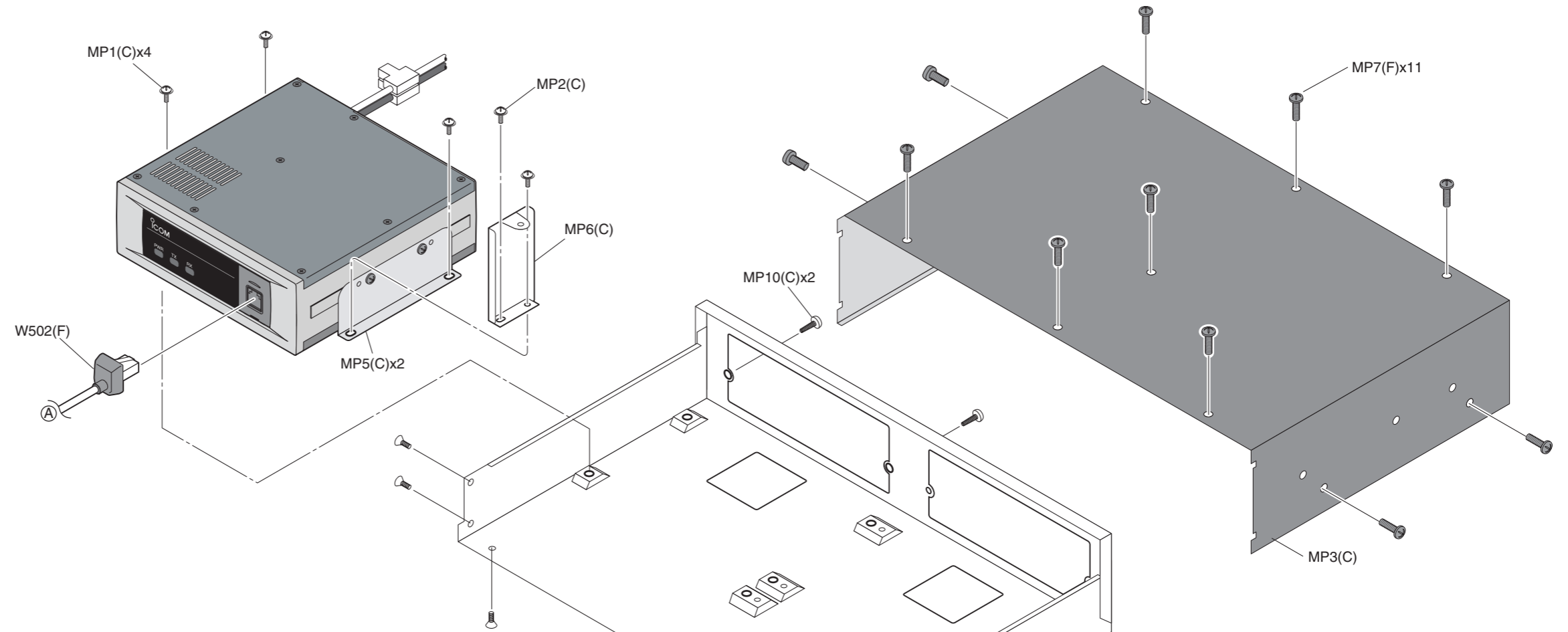
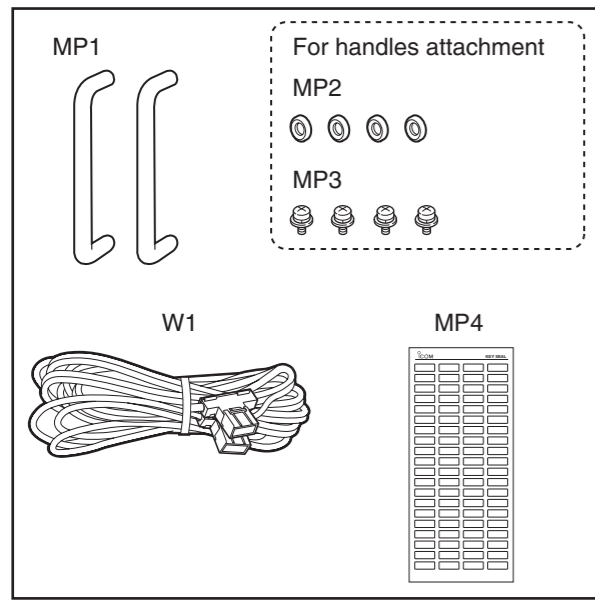
REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510025220	AXK540145J	1
J2*	6510023091	20FLT-SM2-TB (LF) (SN)	1
J4*	6510023511	28FLT-SM2-TB (LF) (SN)	1
J5	6510023110	3008L-8P8C	1
J6	6450000140	HSJ0807-01-010	1
J8*	6510023091	20FLT-SM2-TB (LF) (SN)	1
J9*	6510019371	B3B-ZR-SM4-TF (LF) (SN)	1
J10	6510004910	NR-DSE-01	1
J11	6510004910	NR-DSE-01	1
MF1	2710000870	AFB0512HB-F00	1
W1	7120000470	ERDS2T0	1
W2	7120000470	ERDS2T0	1
W4	8900017520	OPC-1783 (Incl. EP11)	1
EP10*	6910011560	HF70BB4.5X5X1.6	2
EP11	6910010280	HF70BB9.5X10.4X4.9	1
EP12	6910010280	HF70BB9.5X10.4X4.9	1
EP13	6910011330	OT-009 M3	1
EP14	6910011330	OT-009 M3	1
MP1	8510018070	2979 VCO CASE	1
MP2	8510018060	2979 VCO COVER	1
MP3	8510018070	2979 VCO CASE	1
MP4	8510018060	2979 VCO COVER	1
MP5	8210024440	3063 SUB M-PANEL	1
MP6	8310070880	3063 S-LED PLATE	1
MP7	8930073920	3063 SP COVER	1
MP8	8010020980	3063 CHASSIS	1
MP9	8110009360	3063 SU-COVER	1
MP10	8110009370	3063 SL-COVER	1
MP11	8930074300	3063 PC PLATE	1
MP12	8930074180	O-RING (BR)	1
MP13	8930075020	3063 B-PACKING	1
MP14	8930075030	3063 C-PACKING	1
MP15	8930073930	3063 SP RUBBER	1
MP16	8930058990	SHIELD SPONGE (V)	1
MP17	8930062160	HIMELON SHEET (CL)	1
MP18	8930070921	2979 D-SUB PLATE-1	1
MP19	8930058990	SHIELD SPONGE (V)	1
MP20	8510015660	2681 F-SHIELD PLATE	1
MP21	8930048550	2177 CLIP	1
MP22	8810008451	SCREW BIH M4X8 ZK3	4
MP23	8930075080	DUST CAP HR25F	1
MP24	8810009611	SCREW M2.6X6 ZK3	8
MP25	8810009611	SCREW M2.6X6 ZK3	9
MP26	8810010591	SCREW BT B0 3X20NI-ZC3 (BT)	4
MP27	8810008661	SCREW BT B0 3X8 NI-ZC3 (BT)	16
MP28	8810008661	SCREW BT B0 3X8 NI-ZC3 (BT)	2
MP29	8810008661	SCREW BT B0 3X8 NI-ZC3 (BT)	1
MP30	8810008661	SCREW BT B0 3X8 NI-ZC3 (BT)	2
MP31	8810008661	SCREW BT B0 3X8 NI-ZC3 (BT)	3
MP32	8810008661	SCREW BT B0 3X8 NI-ZC3 (BT)	4
MP33	8510018780	3063 ANT CASE	2
MP35	8810003361	SETSCREW (C) 3X6 ZC3	2
MP37	8510018790	3063 VCO SHIELD	1
MP38	8510018820	3063 SHIELD PLATE	1

## [ACCESSORIES]

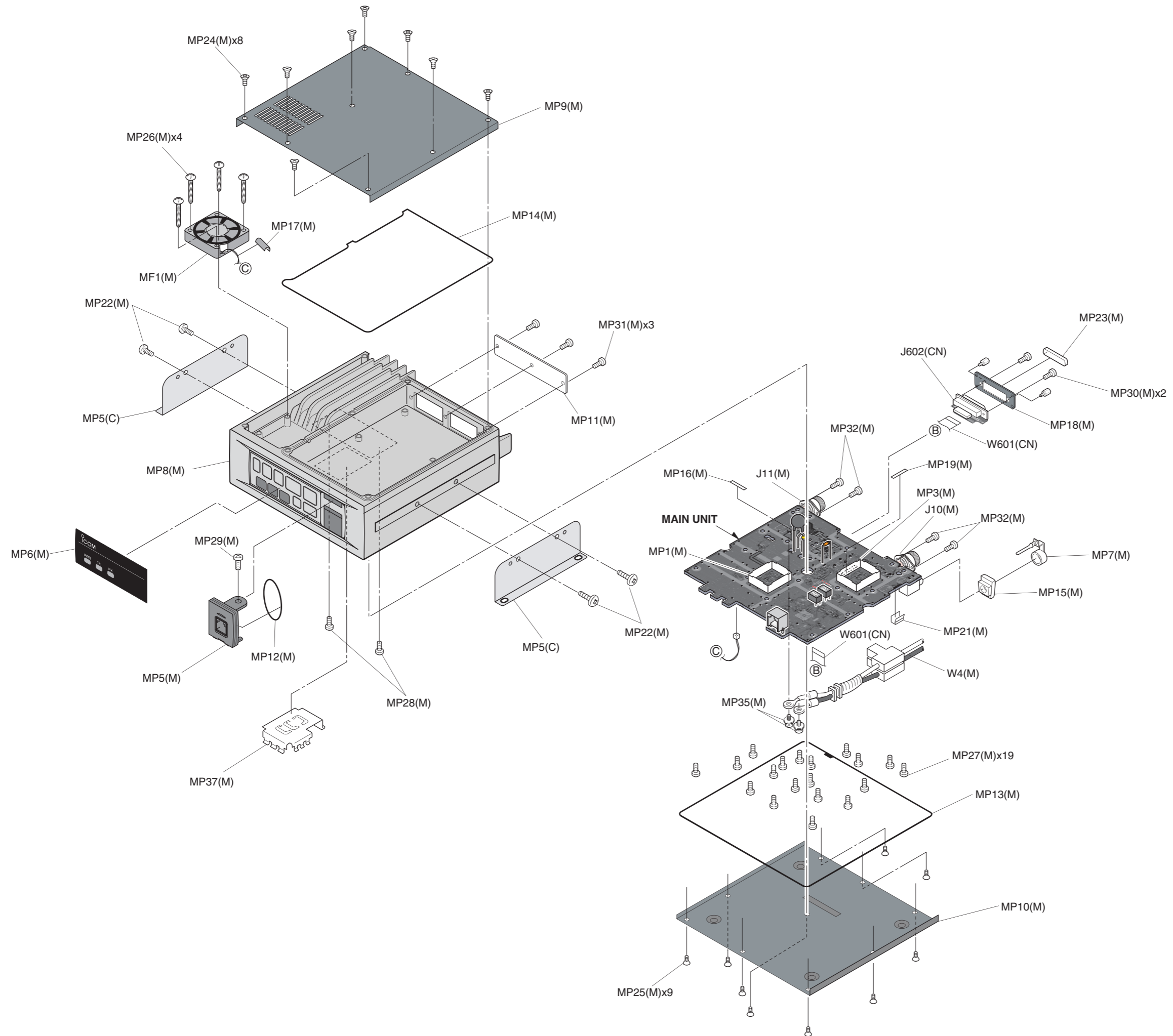
REF NO.	ORDER NO.	DESCRIPTION	QTY.
W1	8900017530	OPC-1784	1
MP1	8930074310	3063 HANDLE	2
MP2	8930074320	3063 H-SPACER	4
MP3	8810010740	SETSCREW (C) 4X12 ZK3	4
MP4	8310071490	3063 KEY SEAL	1

\*: Refer to "BOARD LAYOUTS."

**Screw abbreviations** A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless



**Unit abbreviations;**  
(C) : CHASSIS PARTS  
(F) : FRONT UNIT  
(M) : MAIN UNIT  
(CN) : CONNECTOR UNIT

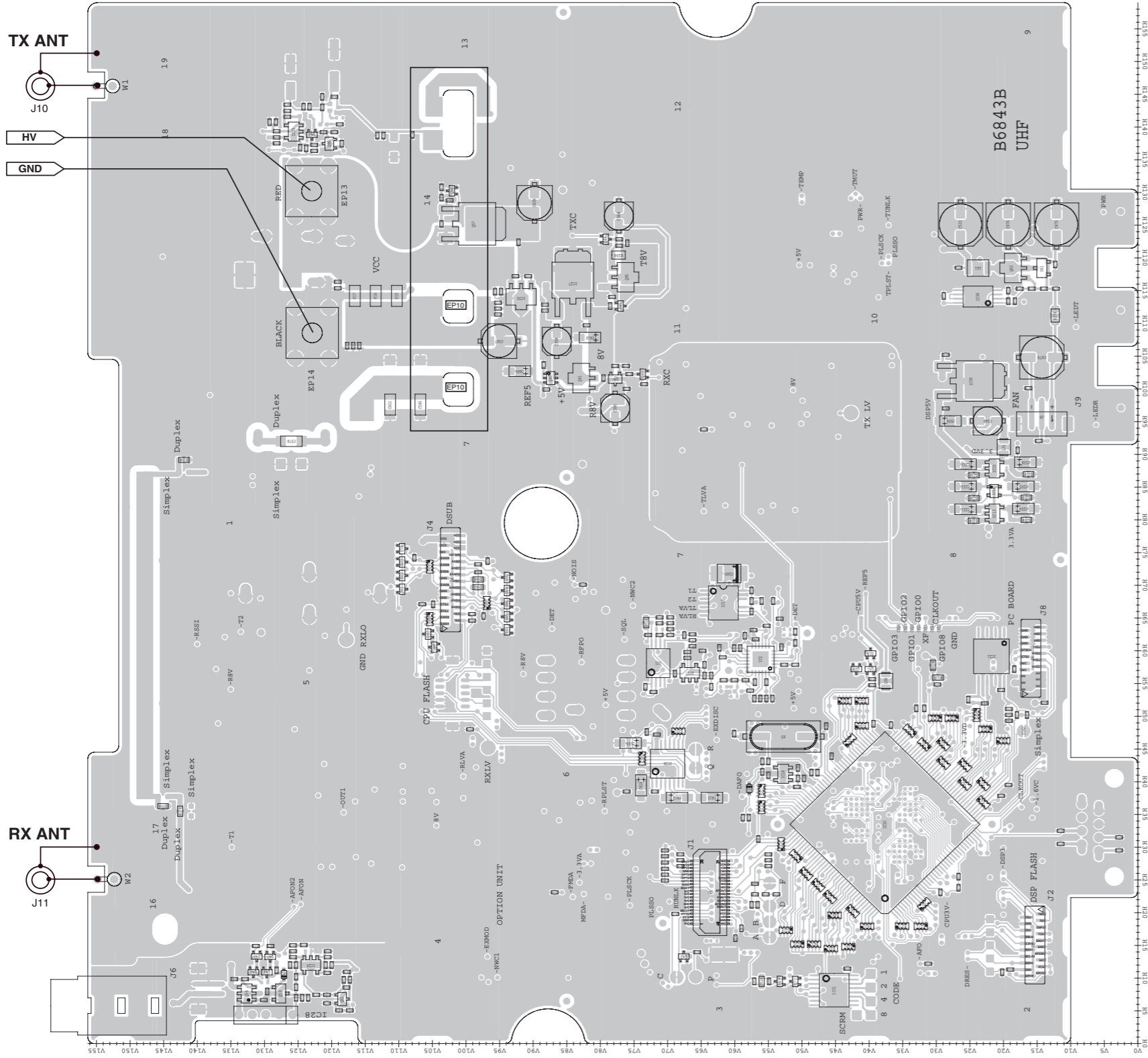


**Unit abbreviations;**  
 (C) : CHASSIS PARTS  
 (F) : FRONT UNIT  
 (M) : MAIN UNIT  
 (CN) : CONNECTOR UNIT

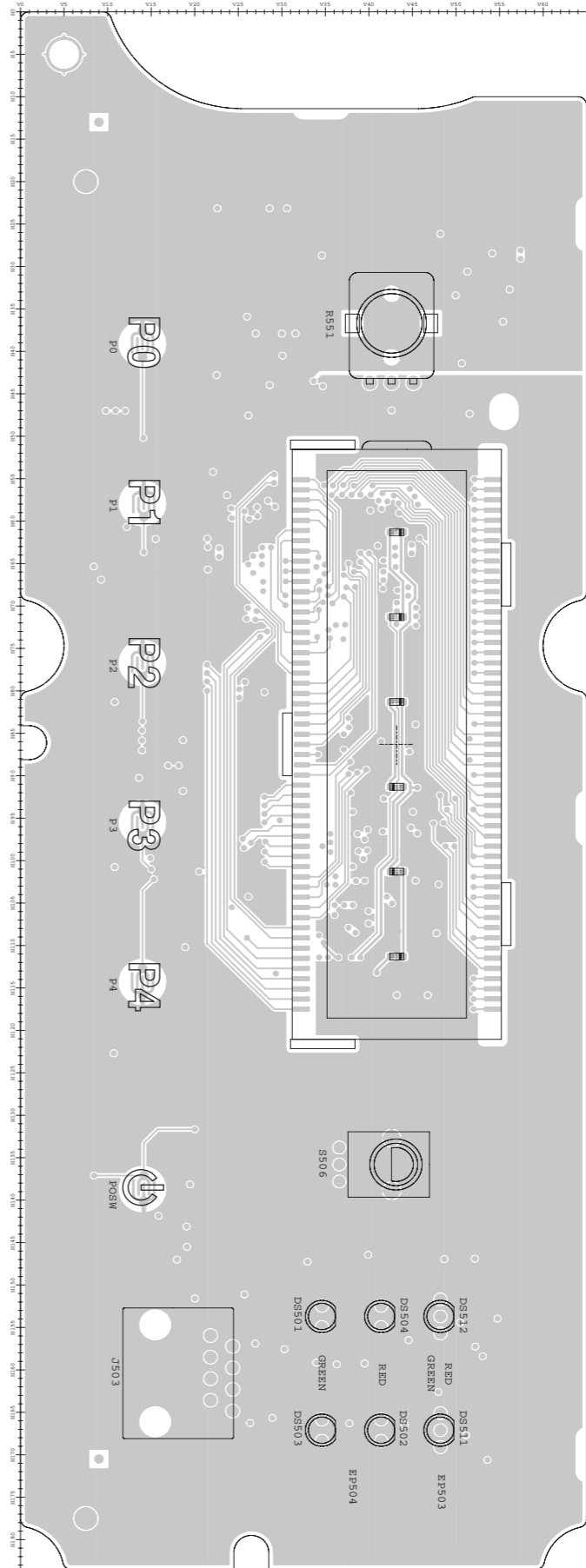
# SECTION 9

# BOARD LAYOUTS

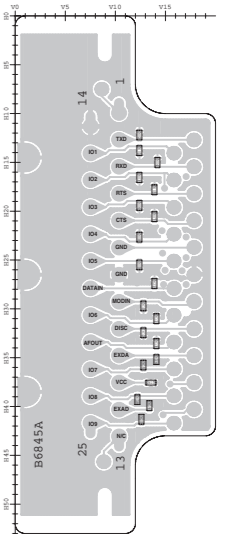
• MAIN UNIT (TOP VIEW)

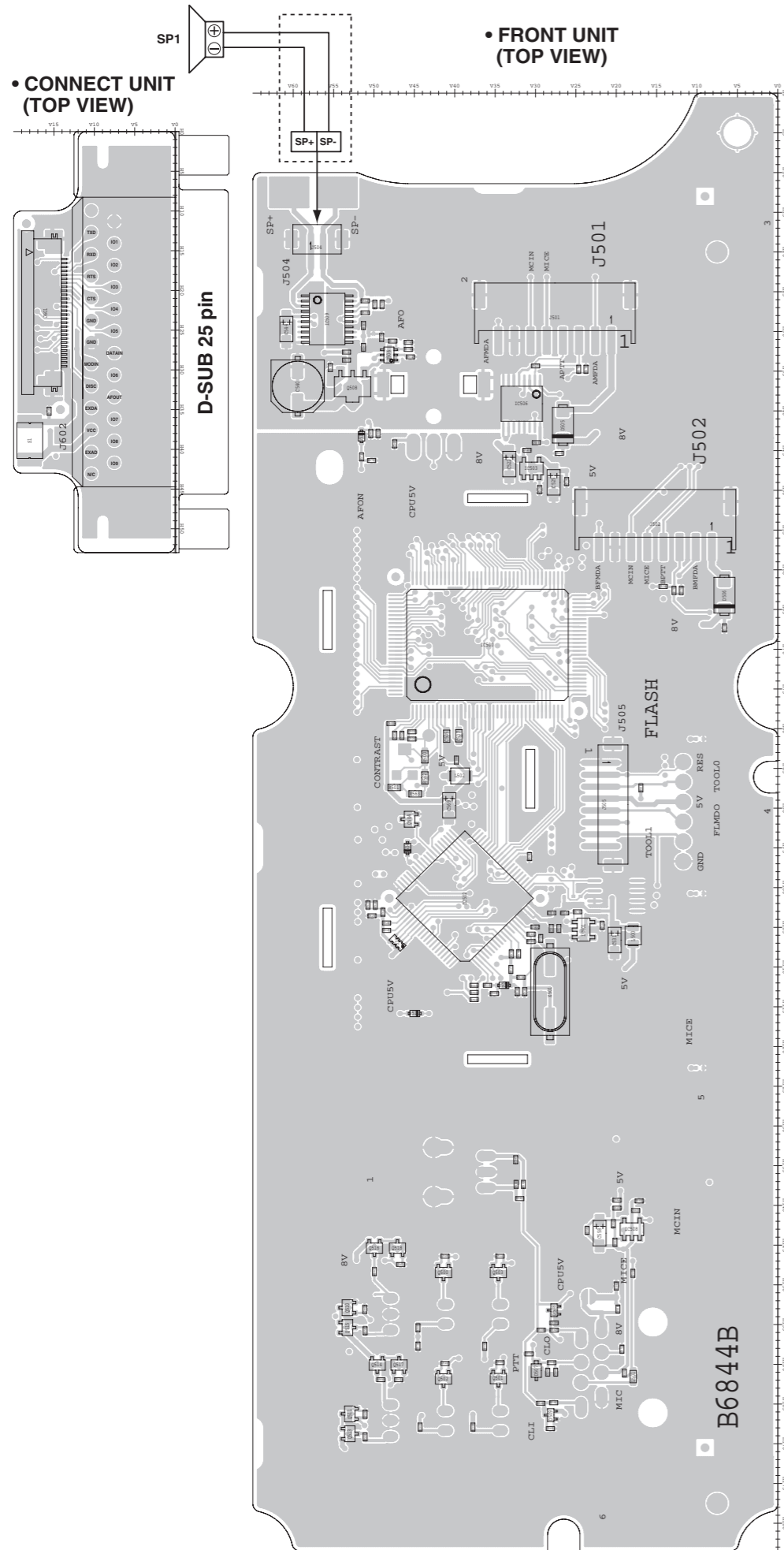


• FRONT UNIT (TOP VIEW)

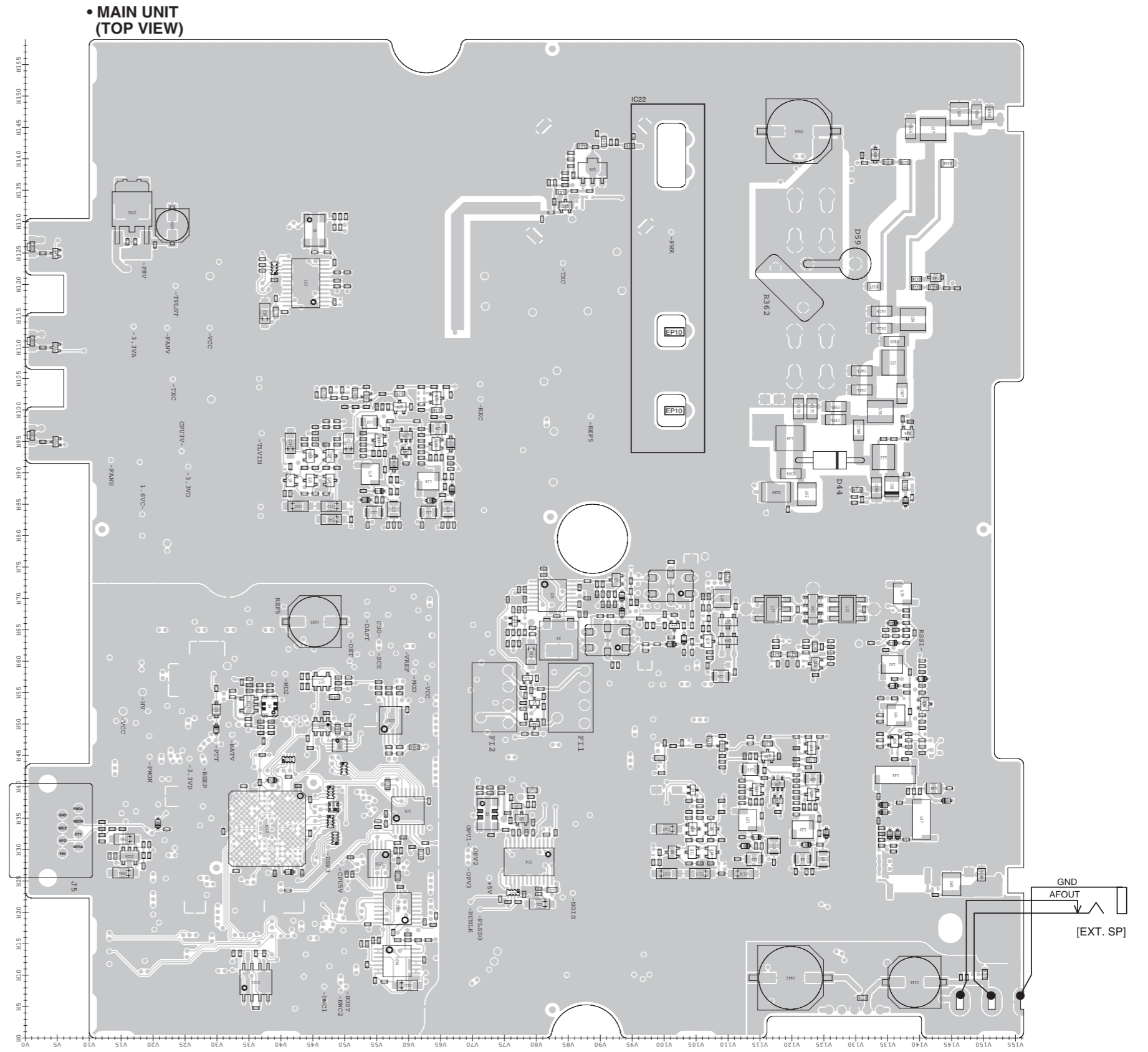


• CONNECT UNIT (TOP VIEW)



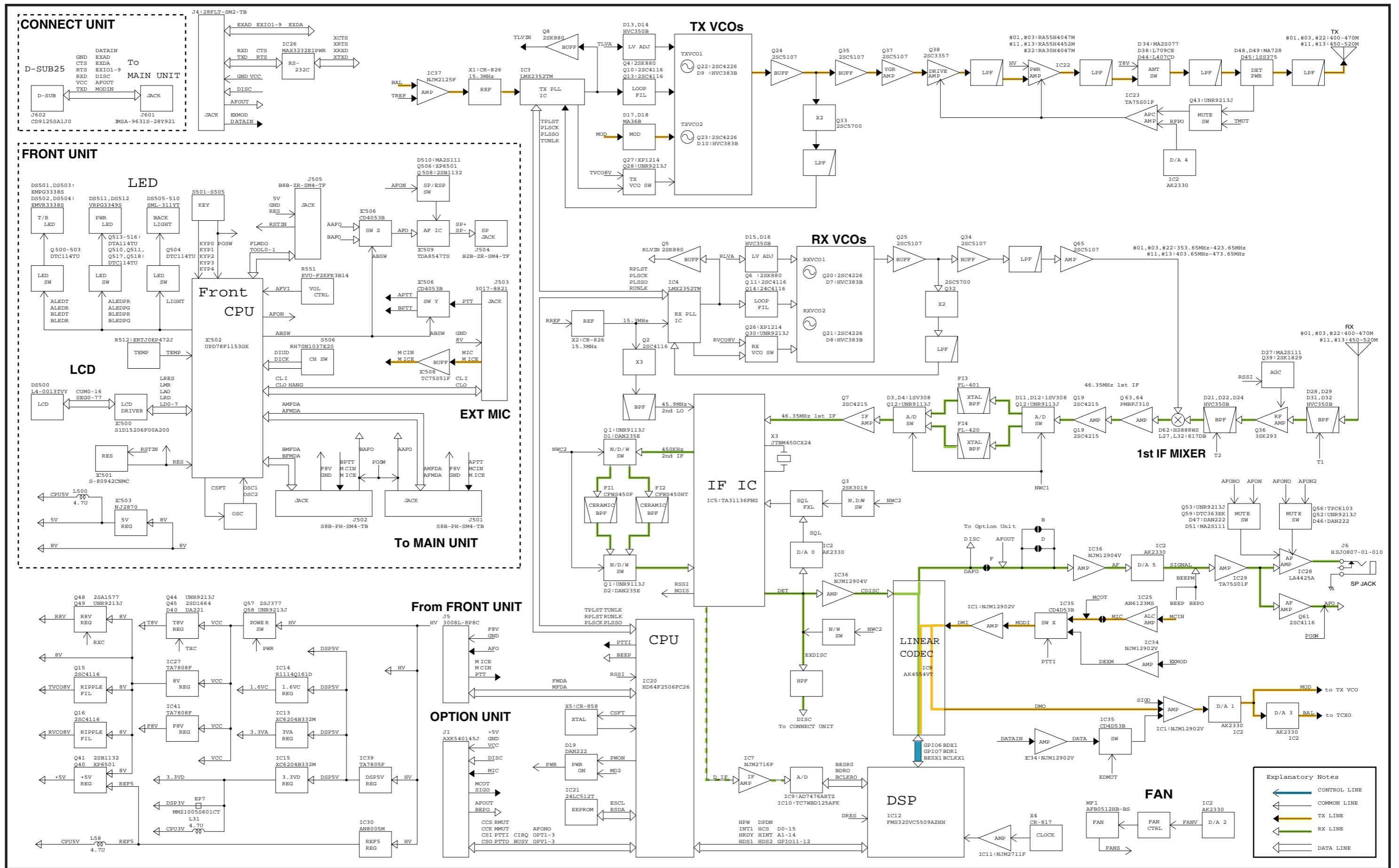


The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C.Board.



# SECTION 10

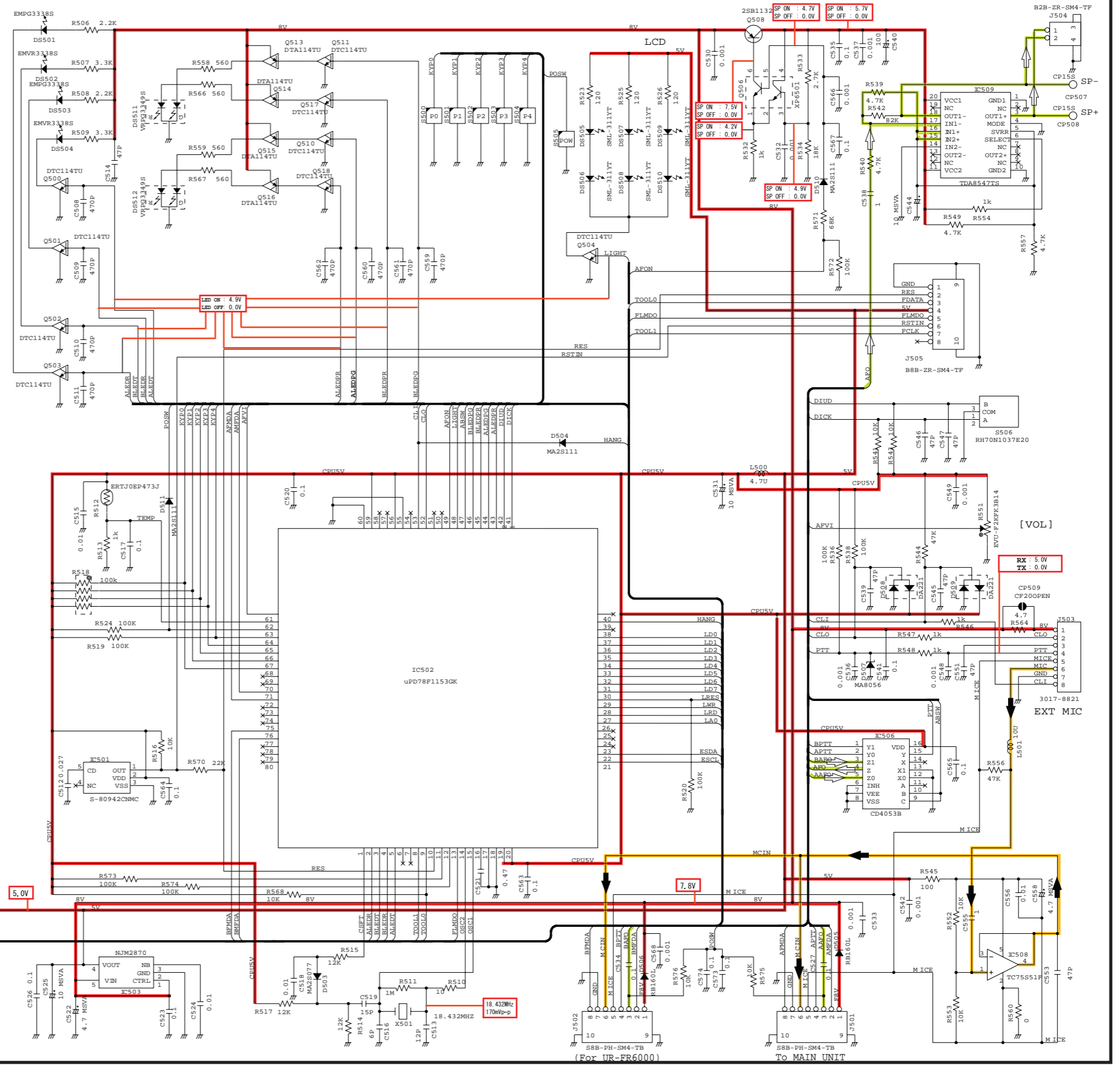
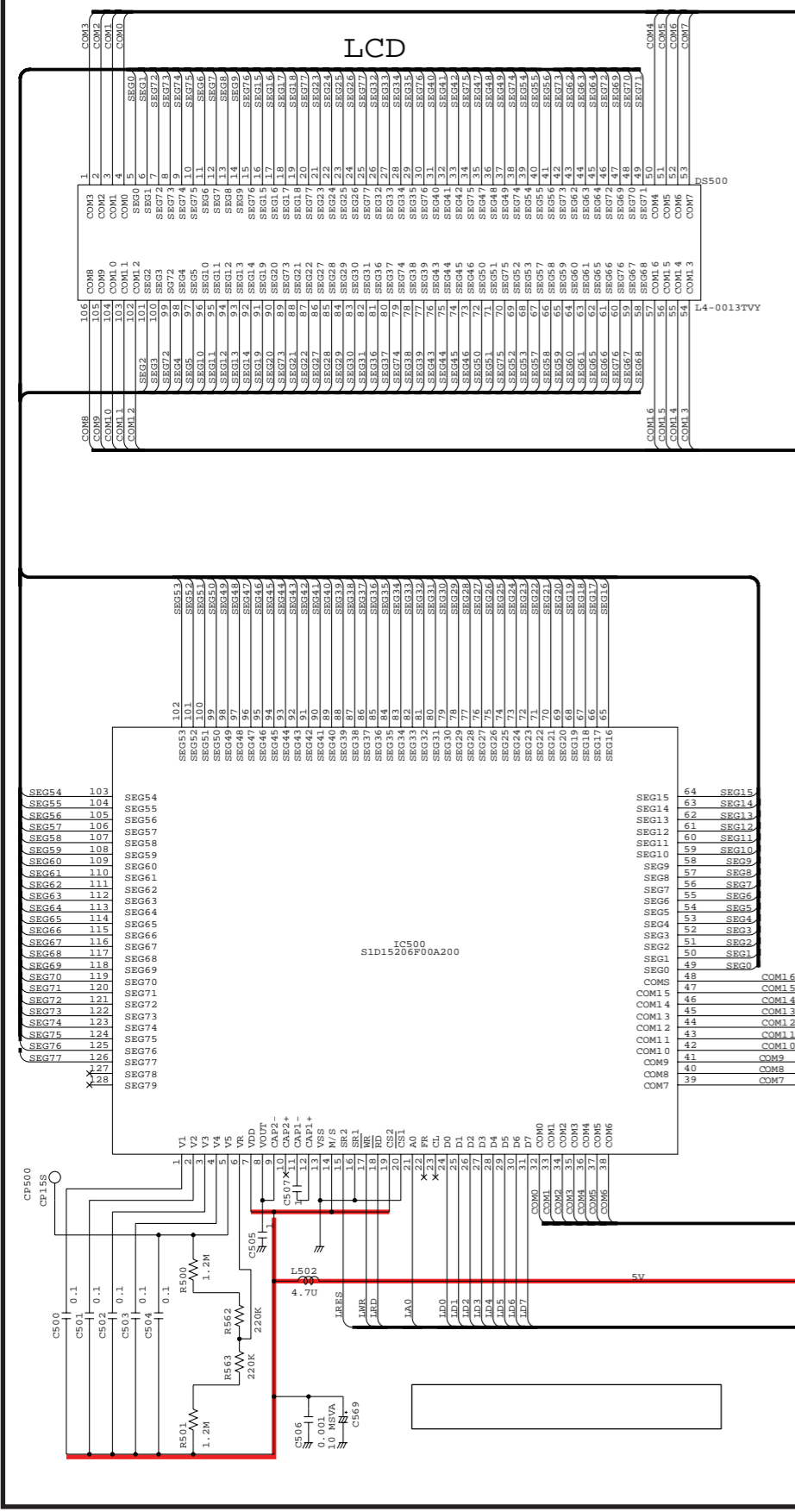
# BLOCK DIAGRAM

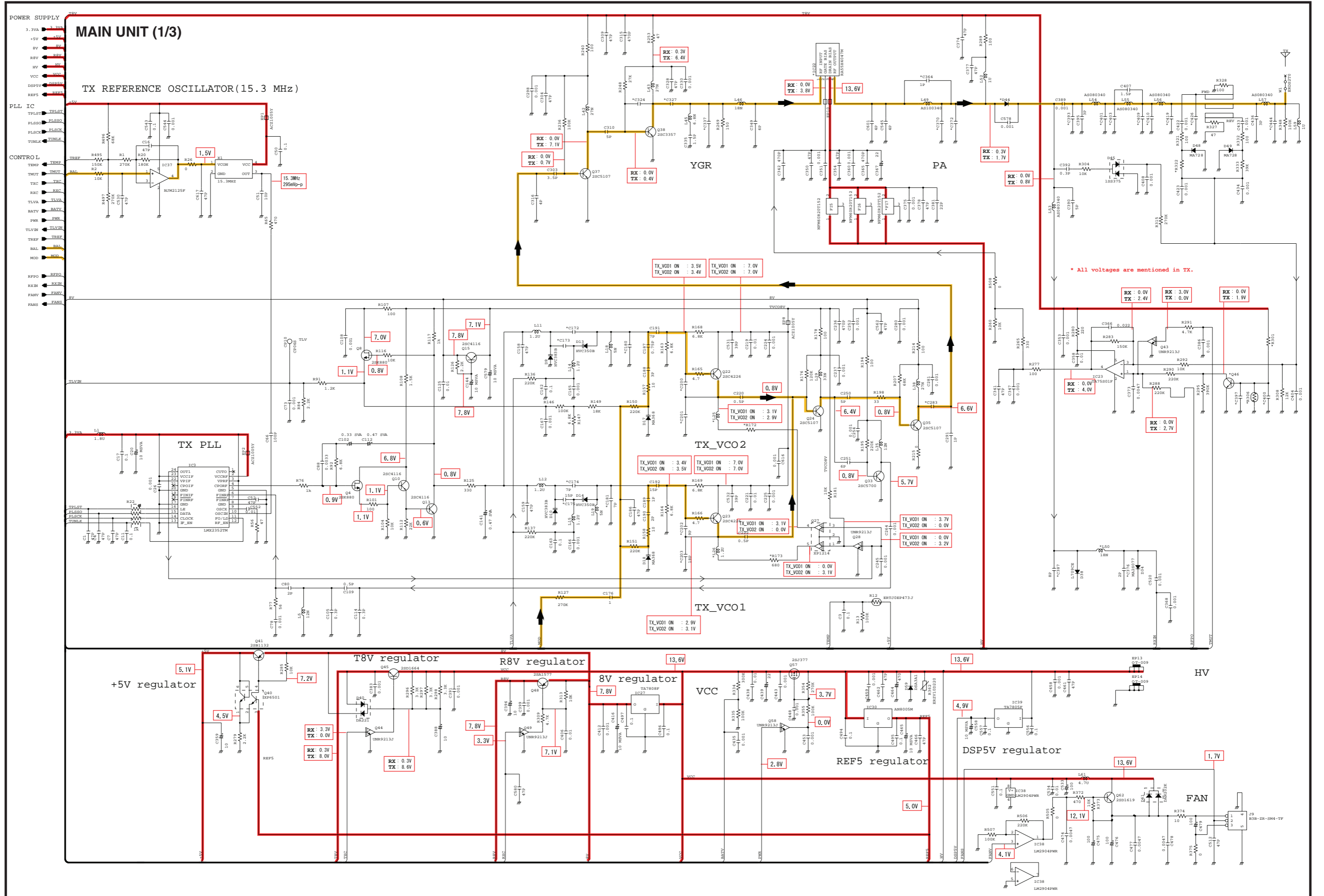


# SECTION 11

# VOLTAGE DIAGRAM

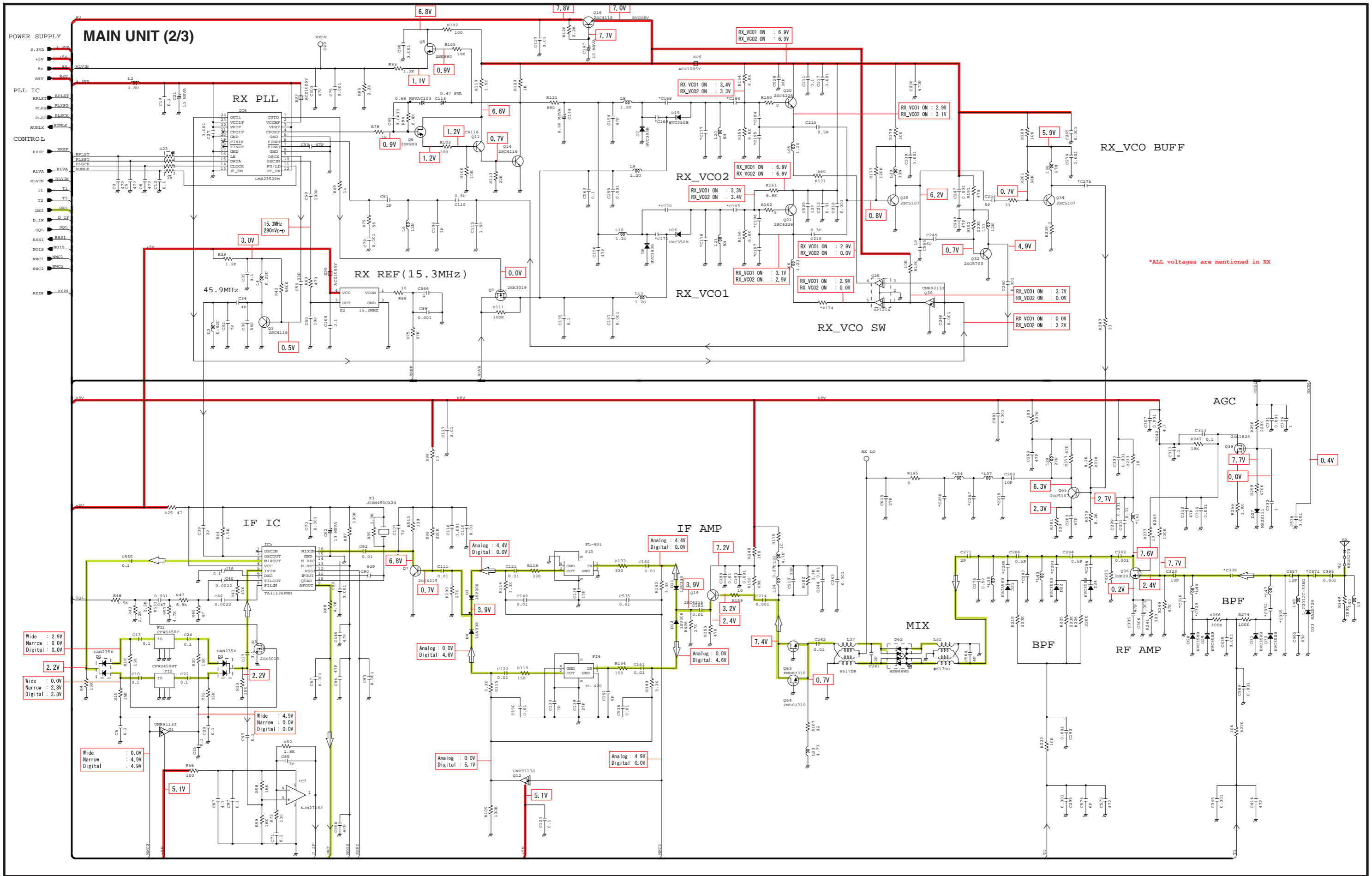
## FRONT UNIT



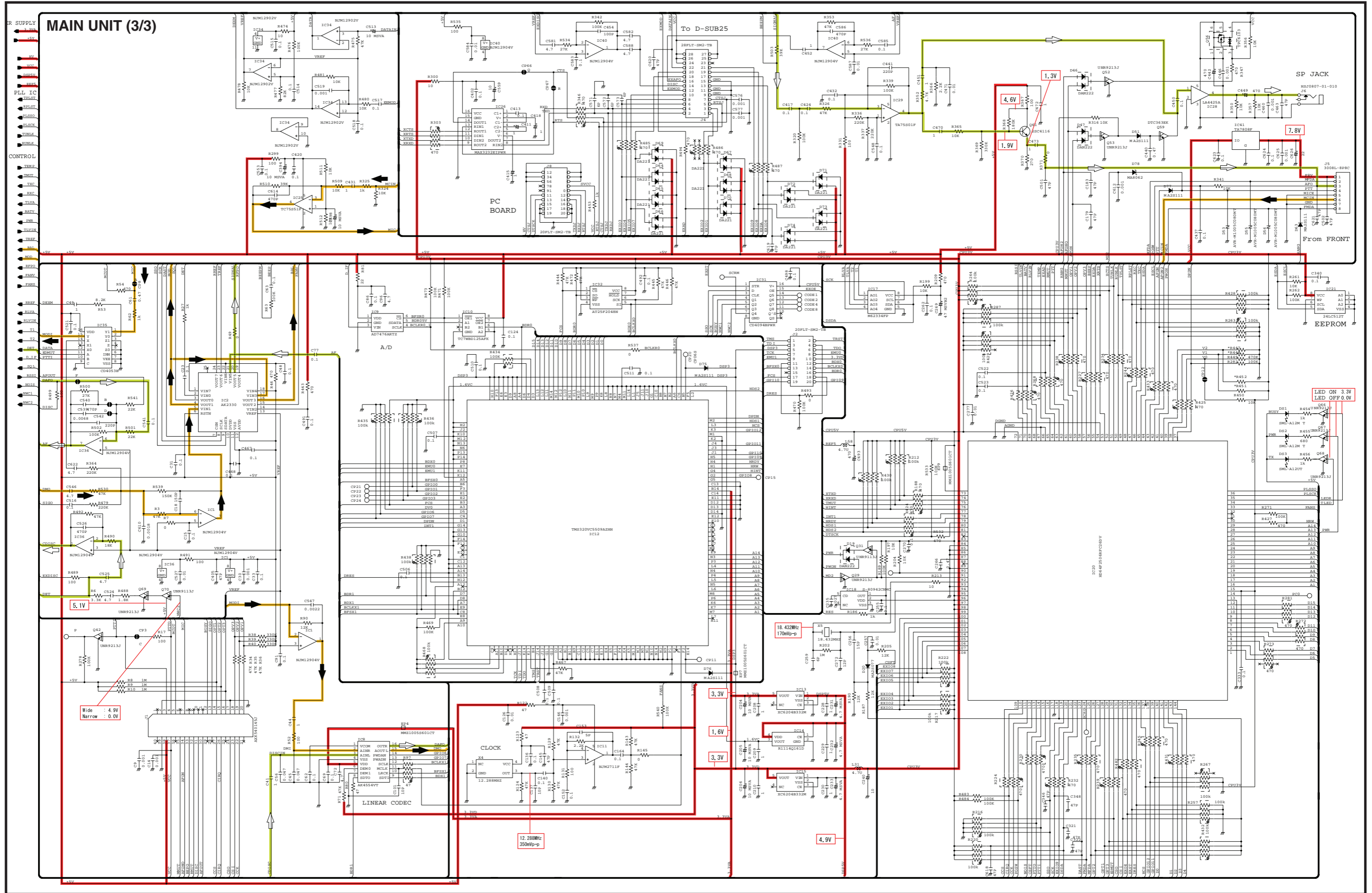


\*; Refer to "PART LIST."



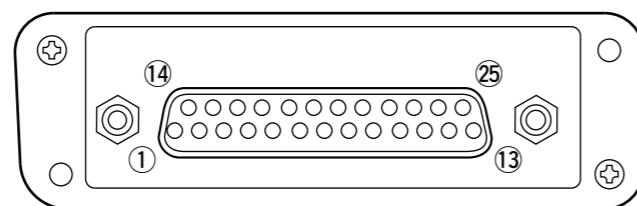
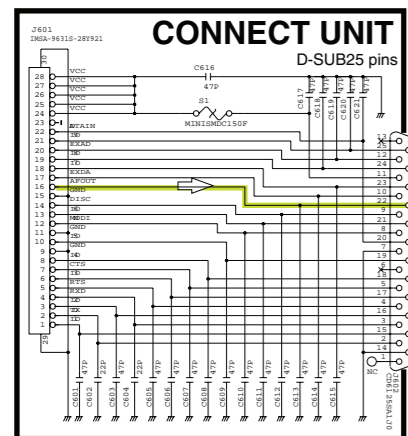


\*; Refer to "PARTS LIST."



\*; Refer to "PARTS LIST".

• ACCESSORY CONNECTOR (CONNECT UNIT) INFORMATION



Pin No.	Pin Name	Description	Specification
1	NC	No connection	—
2	TXD	Output terminal for serial communication data.	—
3	RXD	Input terminal for serial communication data.	—
4	RTS	Output terminal for request-to-send data.	—
5	CTS	Input terminal for clear-to-send data.	—
6	NC	No connection	—
7	GND	Serial/digital signal ground	—
8	MOD IN	Modulator input from an external terminal unit.	Input level: 300 mV rms
9	DISC OUT	Output terminal for AF signals from the AF detector circuit. Output level is fixed, regardless of [AF] control.	Output level: 300 mV rms
10	EXT. D/A	The desired function can be assigned.* (Default: Null)	—
11	VCC	13.6 V DC output	Output current: Less than 1 A
12	EXT. A/D	Customize A/D input (Not used)	—
13	NC	No connection	—
14	GND	Ground	—
15	EXT./O 15	The desired function can be assigned.* (Default: Null)	+5 V pull up, Active=L
16	EXT./O 16	The desired function can be assigned.* (Default: P0 Monitor Output)	+5 V pull up, Active=L
17	EXT./O 17	The desired function can be assigned.* (Default: Busy Output)	+5 V pull up, Active=L
18	EXT./O 18	The desired function can be assigned.* (Default: Null)	+5 V pull up, Active=L
19	EXT./O 19	The desired function can be assigned.* (Default: EPTT Input)	+5 V pull up, Active=L
20	DATA IN	Input terminal for data.	—
21	EXT./O 21	The desired function can be assigned.* (Default: Analog Audible Output)	+5 V pull up, Active=L
22	AF OUT	The AF detector Output.	—
23	EXT./O 23	The desired function can be assigned.* (Default: Mic Mute Output)	+5 V pull up, Active=L
24	EXT./O 24	The desired function can be assigned.* (Default: Null)	+5 V pull up, Active=L
25	EXT./O 25	The desired function can be assigned.* (Default: Mic Hanger Output)	+5 V pull up, Active=L

\* The desired function can be assigned using the optional CS-FR5000 CLONING SOFTWARE. Ask your dealer for details.

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