



SERVICE MANUAL

DUAL BAND TRANSCEIVER
ID-4100A
ID-4100E

S-15403XZ-C1
May 2017

INTRODUCTION

This service manual describes the latest technical information for the ID-4100A/ID-4100E DUAL BAND TRANSCEIVER at the time of publication.

MODEL	VERSION	VERSION NUMBER	TX POWER
ID-4100E	EUR-01	#12	50 W
	ITR-01	#13	
ID-4100A	USA-01	#15	
	EXP-01	#19	

CAUTION

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

DO NOT expose the transceiver to rain, snow or liquids.

DO NOT reverse the polarity of the power cable when connecting the transceiver.

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 part number
2. Component name
3. Equipment model name and unit name
4. Quantity required

<SAMPLE ORDER>

1110003491 S.IC TA31136FNG ID-4100A MAIN UNIT 5 pieces
8820001210 Screw 2438 screw ID-4100A Top cover 10 pieces

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

REPAIR NOTES

1. Be sure that the problem is internal before disassembling the transceiver.
2. **DO NOT** open the transceiver until you have disconnected it from its power source.
3. **DO NOT** short any circuits or electronic parts.
4. **DO NOT** keep power ON for a long time when the transceiver is defective.
5. **DO NOT** transmit power into a Standard Signal Generator or a Sweep Generator. Otherwise the RF power may damage them.
6. **ALWAYS** connect a 30/40 dB attenuator between the transceiver and a Deviation Meter or Spectrum Analyzer, when using such test equipment.
7. **READ** the instructions of the test equipment thoroughly before connecting them to the transceiver.

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DISTRIBUTOR ADDRESS

SECTION 1

SPECIFICATIONS

■ GENERAL

		[EUR]	[ITR]	[USA]	[EXP]
• Frequency range	Receive	118 ~ 174 MHz (Guaranteed only 144 ~ 146 MHz) 230 ~ 550 MHz (Guaranteed only 430 ~ 440 MHz)	118 ~ 136.99166 MHz (Not guaranteed), 144 ~ 146 MHz, 430 ~ 434 MHz, 435 ~ 438 MHz	118 ~ 174 MHz (Guaranteed only 144 ~ 148 MHz) 230 ~ 550 MHz (Guaranteed only 430 ~ 450 MHz)	118 ~ 174 MHz (Guaranteed only 144 ~ 148 MHz) 230 ~ 550 MHz (Guaranteed only 430 ~ 440 MHz)
	Transmit	144 ~ 146 MHz, 430 ~ 440 MHz	144 ~ 146 MHz, 430 ~ 434 MHz, 435 ~ 438 MHz	144 ~ 148 MHz, 430 ~ 450 MHz	137 ~ 174 MHz (Guaranteed only 144 ~ 148 MHz) 400 ~ 470 MHz (Guaranteed only 430 ~ 440 MHz)
• Mode		F2D/F3E (FM/FM-N), F7W (DV), A3E (AM/AM-N) RX only			
• Number of memory channels		1000 channels			
• Number of program scan channels		50 channels (2 channels × 25 pairs)			
• Frequency stability		±2.5 ppm (−10°C to +60°C, +14°F to +140°F) at +25°C (+77°F)			
• Antenna impedance		50 Ω (SO-239)			
• Usable temperature range		−10°C to +60°C, +14°F to +140°F			
• Power supply requirement		13.8 V DC ±15% (Negative ground)			
• Frequency resolution		5 kHz, 6.25 kHz, 8.33 kHz*, 10 kHz, 12.5 kHz, 15 kHz, 20 kHz, 25 kHz, 30 kHz, and 50 kHz * Selectable depending on the operating band or mode.			
• Current drain	RX	Standby	≤ 0.9 A		
		Maximum audio	≤ 1.2 A		
	TX	Maximum current drain	≤ 13.0 A (at 50 W), ≤ 7.5 A (at 15 W), ≤ 5.0 A (at 5 W)		
• Dimensions (projections are not included)		150(W) × 40(H) × 172(D) mm, 5.9(W) × 1.6(H) × 6.8(D) inches			
• Weight (approximately)		1.2 kg, 2.6 lb (microphone, cable, and bracket are not included)			

■ TRANSMITTER

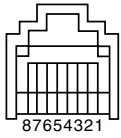
• Modulation system:	FM/FM-N	Variable reactance frequency modulation
	DV	GMSK reactance frequency modulation
• Transmit output power	High	50 W
	Middle	15 W
	Low	5 W
• Maximum deviation (Analog)	FM	≤ ±5.0 kHz
	FM-N	≤ ±2.5 kHz
• Occupied bandwidth	FM	≤ 16.0 kHz
	FM-N	≤ 8.0 kHz
	DV	≤ 6.0 kHz
• Spurious emission		≤ −60 dBc
• Input impedance (microphone)		600 Ω

■ RECEIVER		[EUR]	[ITR]	[USA]	[EXP]
• Receive system		Double Conversion Superheterodyne system			
• Intermediate frequencies		1st IF 46.35 MHz, 2nd IF 450 kHz			
• Sensitivity (except spurious points)	Amateur bands	FM/ FM-N	≤ 0.18 μV (12 dB SINAD)		
		DV (BER 1%)	≤ 0.22 μV (BER 1%)		
	Other than the Amateur bands	FM/ FM-N (12 dB SINAD)	≤ 0.32 μV (137.000 to 174.000 MHz) ≤ 1.8 μV (230.000 to 259.995 MHz) ≤ 0.56 μV (260.000 to 399.995 MHz) ≤ 0.32 μV (400.000 to 499.995 MHz) ≤ 0.56 μV (500.000 to 550.000 MHz)		
		AM/ AM-N (10 dB S/N)	≤ 1 μV (118.000 to 136.991 MHz) ≤ 5.6 μV (230.000 to 259.995 MHz) ≤ 1.8 μV (260.000 to 374.995 MHz)		
• Squelch sensitivity (at threshold)		0.13 μV typical			
• Selectivity	FM	≥ 60 dB			
	FM-N	≥ 55 dB			
	DV	≥ 50 dB			
• Spurious and image rejection ratio		≥ 60 dB			
• Audio output power		≥ 2.0 W typical (at 10% distortion into an 8 Ω load)			
• Output impedance (Speaker)		8 Ω			

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

SECTION 2 CONNECTOR INFORMATION

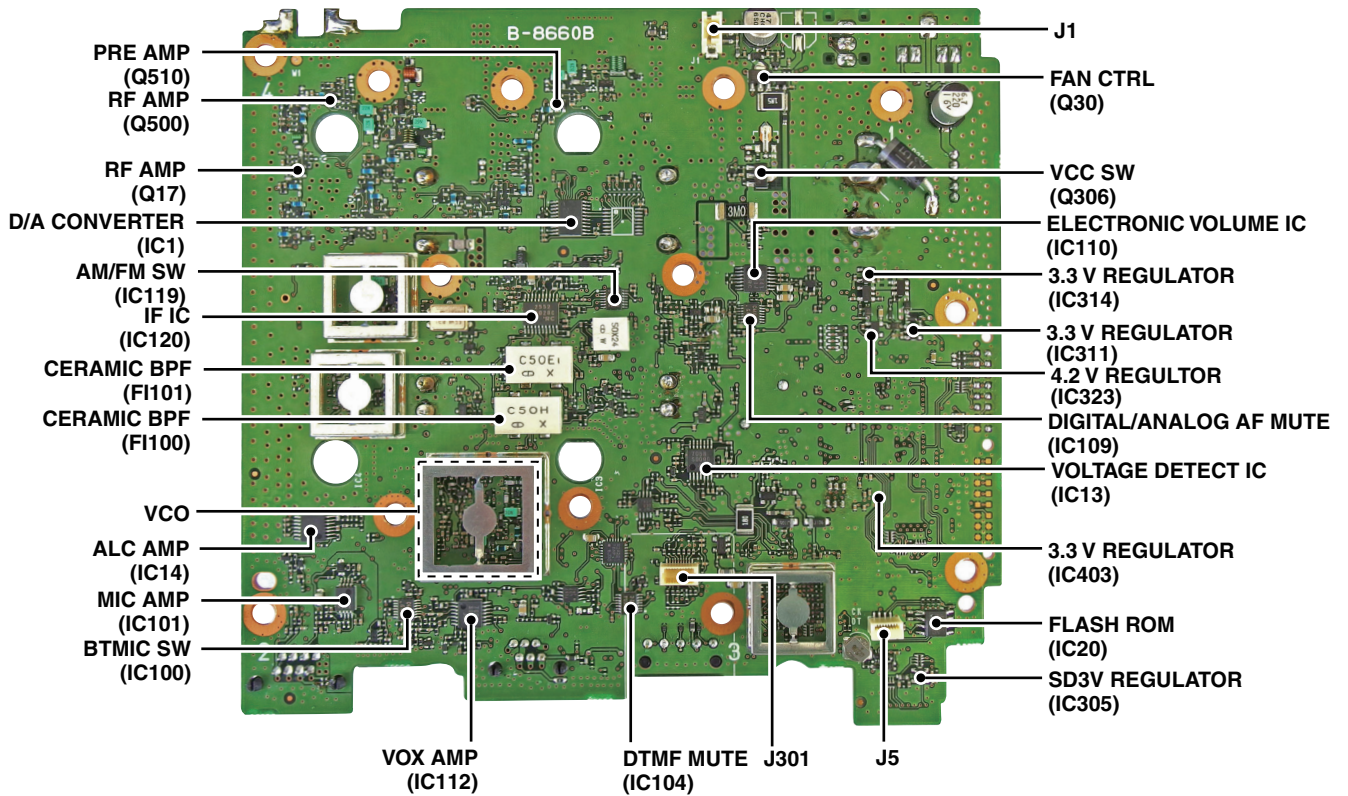
- Microphone connector information



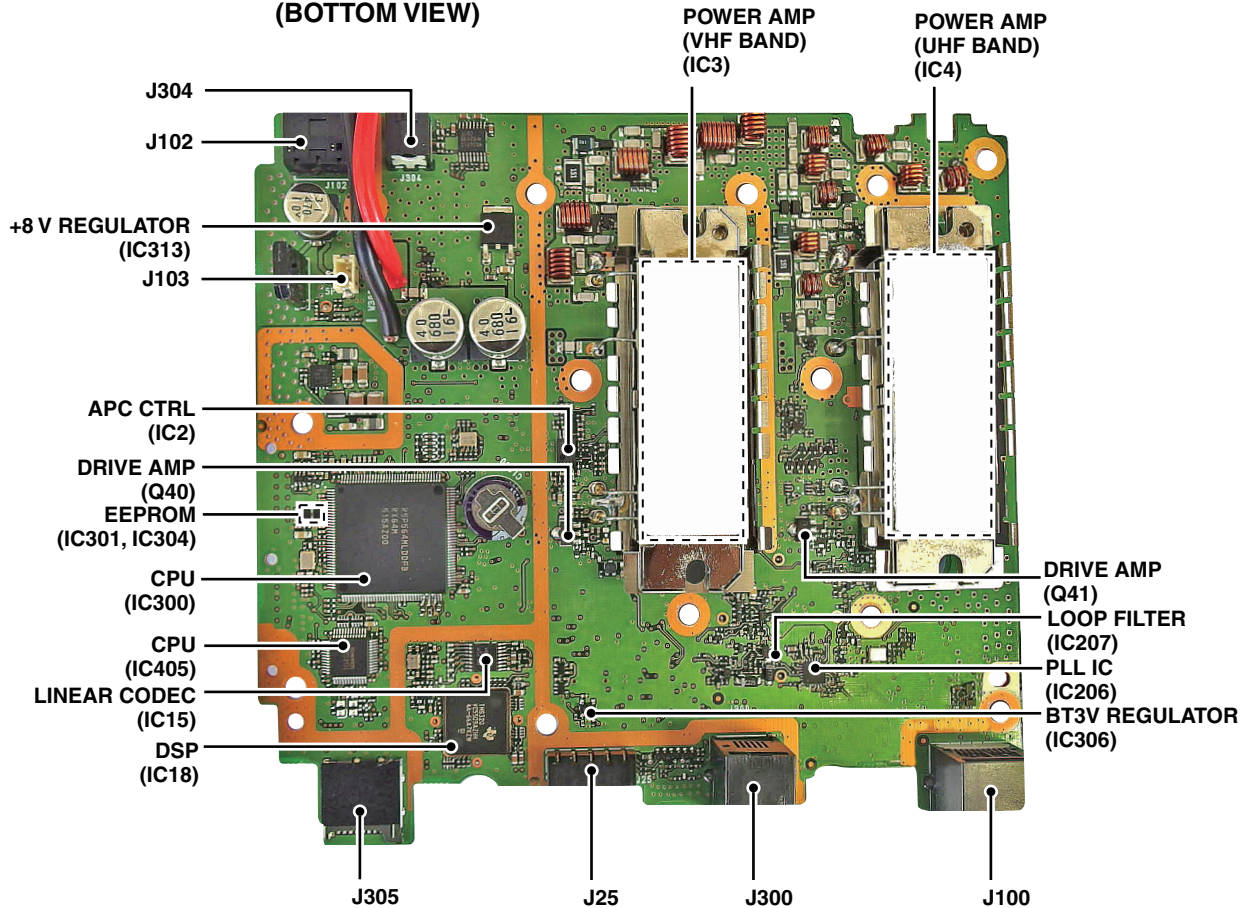
Front panel view

PIN No.	NAME	DESCRIPTION	SPECIFICATIONS
1	8 V	+8 V DC output	Maximum 10 mA
2	MIC U/D	Frequency Up/Down	UP: Ground DN: Ground through 470 Ω
3	M8V SW	Grounds when the HM-207S is connected	—
4	PTT	PTT input	Ground for transmission
5	MIC E	Microphone ground	—
6	MIC	Microphone input	—
7	GND	PTT ground	—
8	DATA IN	When the HM-207S is connected, inputs HM-207S data	—

• MAIN UNIT (TOP VIEW)



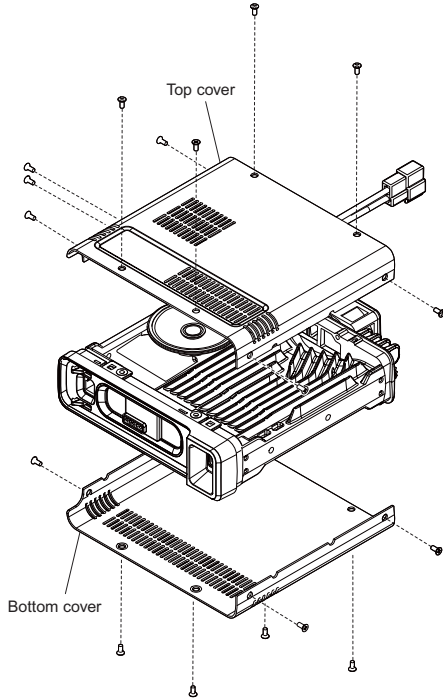
• MAIN UNIT (BOTTOM VIEW)



SECTION 4 DISASSEMBLY INSTRUCTIONS

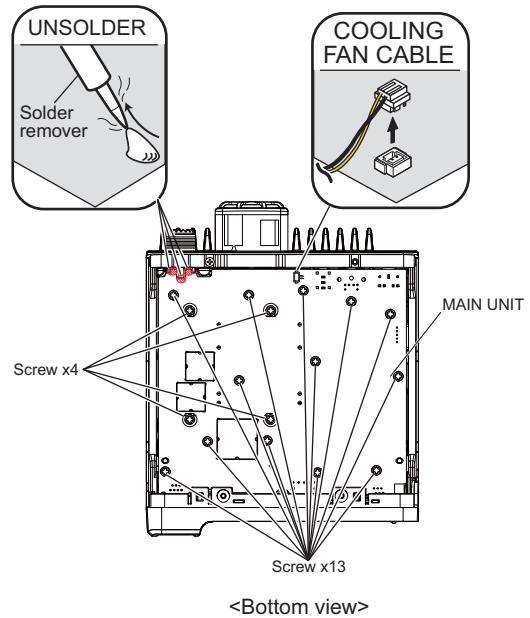
1. REMOVING TOP AND BOTTOM COVERS

- 1) Unscrew total of 16 screws; 8 screws from the top cover and 8 screws from the bottom cover.
- 2) Remove the top cover and bottom cover as illustrated below.



2. REMOVING THE MAIN UNIT (continued)

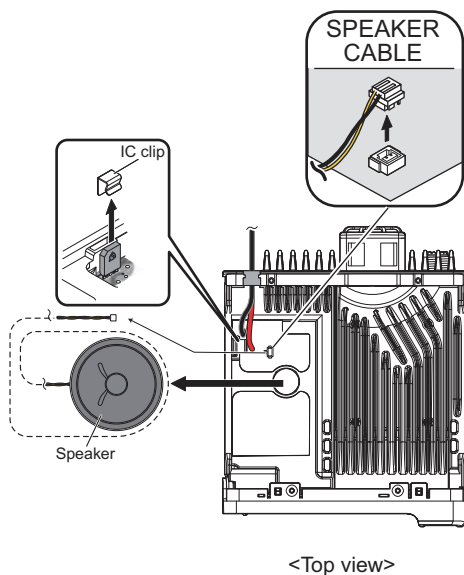
- 3) Unscrew 13 screws from the MAIN UNIT.
- 4) Unscrew 4 screws from the chassis.
- 5) Disconnect the cooling fan cable from the MAIN UNIT.
- 6) Unsolder total of 3 points, and take off the MAIN UNIT.



2. REMOVING THE MAIN UNIT

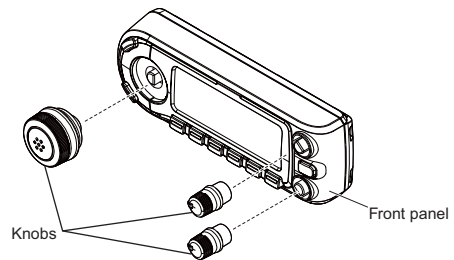
BE CAREFUL when you disconnect the speaker cable and cooling fan cable from the MAIN UNIT, to keep from damaging them.

- 1) Remove the IC clip from the chassis.
- 2) Disconnect the speaker cable from the MAIN UNIT, and then remove the speaker from the chassis.

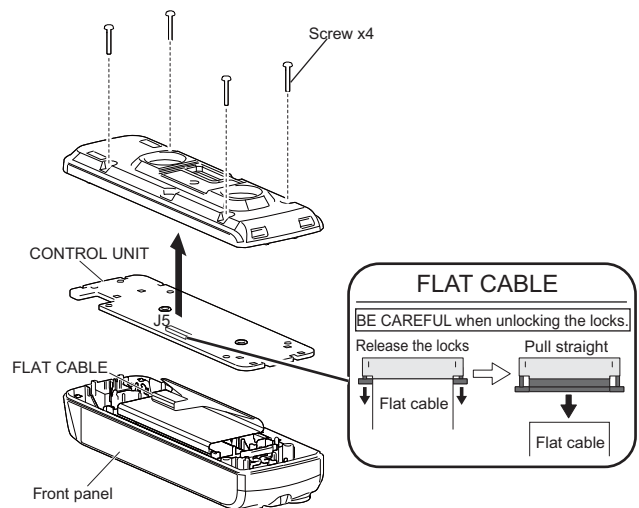


2. DISASSEMBLE THE CONTROL UNIT

- 1) Remove 3 knobs from the front panel.



- 2) Unscrew 4 screws from the rear panel.
- 3) Disconnect the flat cable from J5.
- 4) Take off the CONTROL UNIT from the front panel.



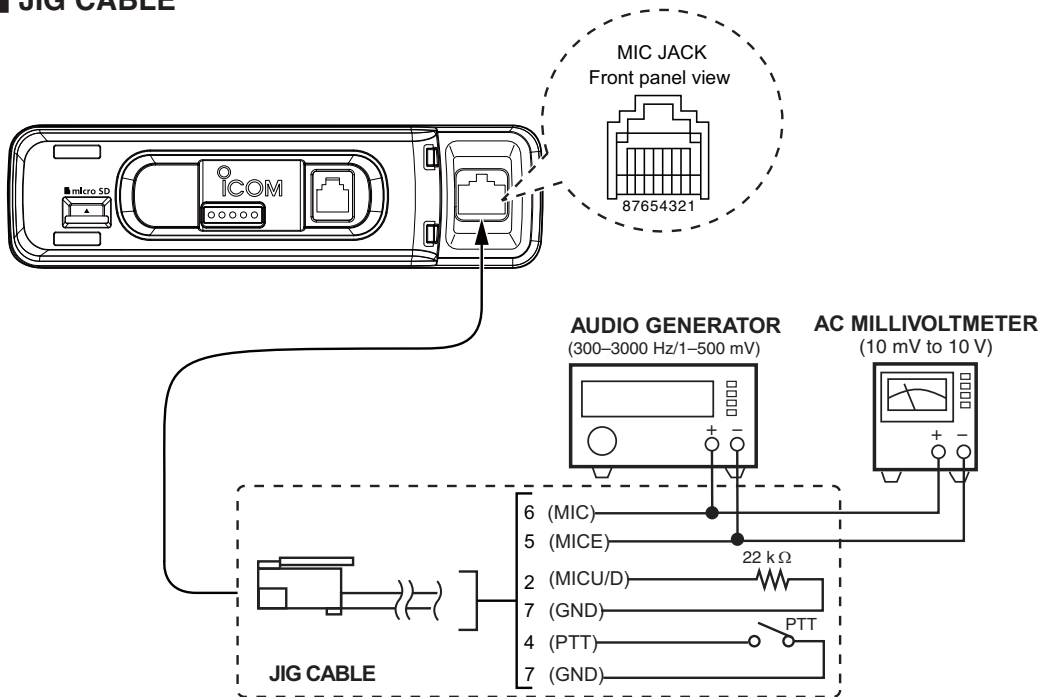
SECTION 5 ADJUSTMENT PROCEDURES

5-1 PREPARATION

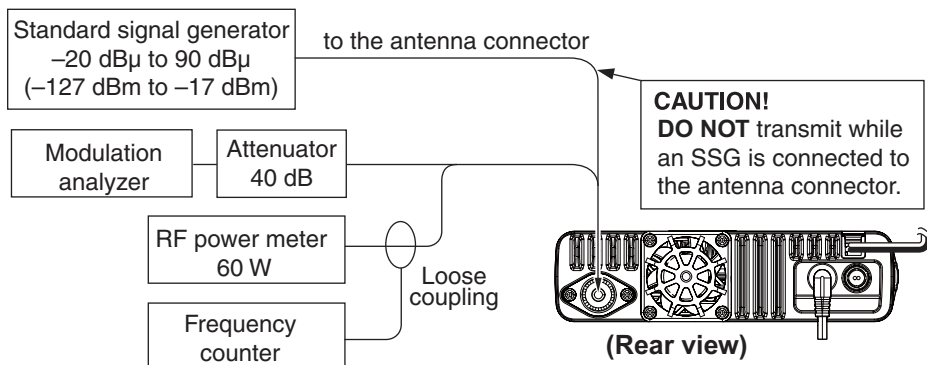
REQUIRED EQUIPMENT

EQUIPMENT	SPECIFICATIONS	EQUIPMENT	SPECIFICATIONS
JIG cable	Modified modular cable. (See the illustration shown below.)	Audio generator (AG)	Frequency range: 300–3000 Hz Output level: 1–500 mV
DC power supply	Voltage: 13.8 V Capacity: More than 15 A	AC millivoltmeter	Measuring range: 10 mV to 10 V
RF power meter (50 Ω terminated)	Measuring range: 0.1–60 W Frequency range: 100–600 MHz SWR: Less than 1.2: 1	Frequency counter	Range: 0.1–600 MHz Accuracy: ±1 ppm or better Input level: Less than 1 mW
Modulation analyzer	Frequency range: DC–600 MHz Measuring range: 0 to ±10 kHz	Standard signal generator (SSG)	Frequency range: 0.1–600 MHz Output level: –20 dBμ to 90 dBμ (–127 dBm to –17 dBm)
AC millivoltmeter	Measuring range: 10 mV to 10 V	Attenuator	Attenuation: 40 dB Capacity: More than 60 W

JIG CABLE



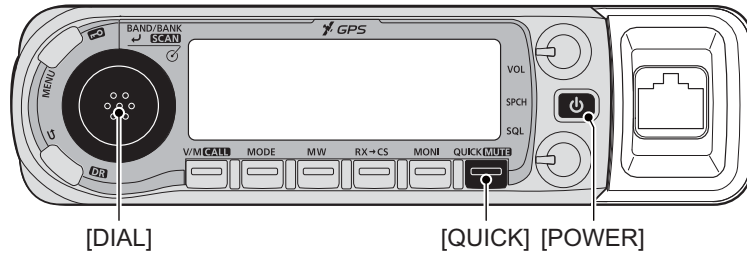
CONNECTION



The tests described in this section should be measured and adjusted with the above test equipment. However, a radio tester can also be used for these adjustment procedures.

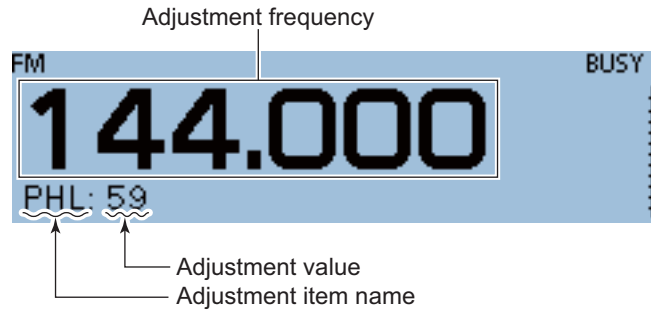
■ ENTERING THE ADJUSTMENT MODE

- 1) Connect the JIG cable to [MIC].
- 2) While holding down [QUICK] and [DIAL], turn ON the power to enter the Adjustment mode.



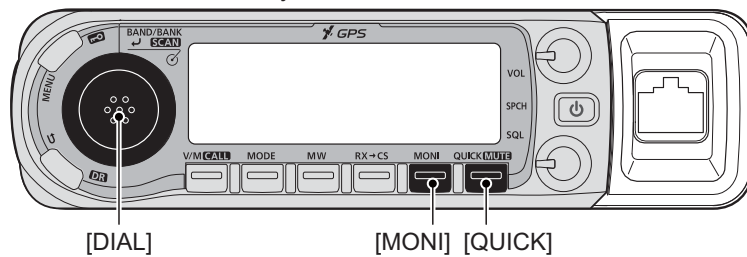
- 3) The adjustment screen is displayed.

• ADJUSTMENT SCREEN



■ ADJUSTMENT MODE OPERATION

- 1) Push [MONI] to select the next adjustment item, and push [QUICK] to select the previous adjustment item.
- 2) Set or modify the adjustment value as specified, by rotating [DIAL].
- 3) Push [DIAL] to store the value or start automatic adjustment.




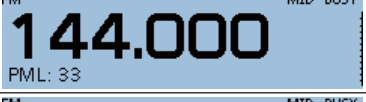



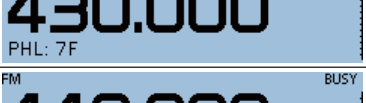




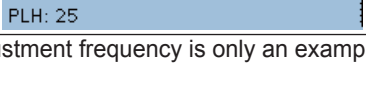


■ QUITTING THE ADJUSTMENT MODE

- 1) Turn OFF the power, and then remove the JIG cable from [MIC].
- 2) Turn ON the power again.

4-2 TRANSMIT ADJUSTMENTS





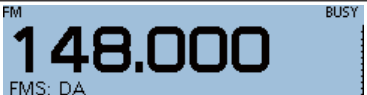


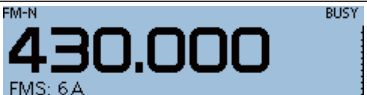

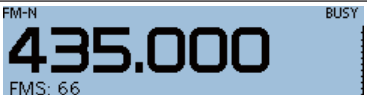


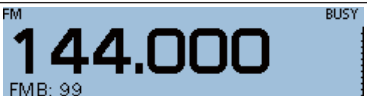
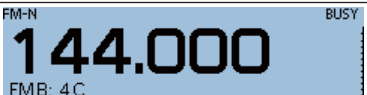
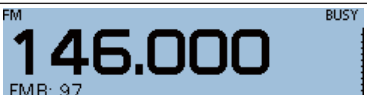


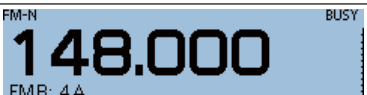
Select an adjustment item using [MONI]/[QUICK], and then set the adjustment value as specified using [DIAL].

ADJUSTMENT ITEM	TRANSCIVER'S DISPLAY	CONDITION	VALUE
REFERENCE FREQUENCY	1 	<ul style="list-style-type: none"> Loosely couple the frequency counter to the antenna connector, as shown on page 4-1. Transmit. Connect the test equipment to the antenna connector as shown in page 4-1. Transmit. 	146.010 MHz ±50 Hz
TRANSMIT OUTPUT POWER VHF High power	2 		50 W
	3 		
VHF Middle power	4 		15 W
	5 		
VHF Low power	6 		5 W
	7 		
UHF High power	8 		50 W
	9 		
UHF Middle power	10 		15 W
	11 		
UHF Low power	12 		5 W
	13 		

NOTE: The displayed adjustment frequency is only an example, and the frequency will differ depending on the transceiver version.

4-2 TRANSMIT ADJUSTMENTS (continued)








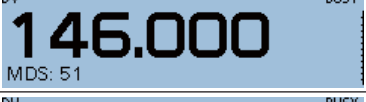




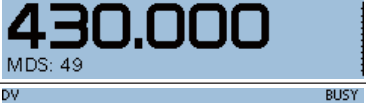


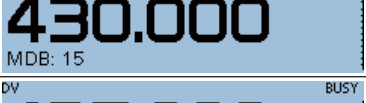


Select an adjustment item using [MONI]/[QUICK], and then set the adjustment value as specified using [DIAL].

ADJUSTMENT ITEM	TRANSCIVER'S DISPLAY	CONDITION	VALUE
FM DEVIATION VHF	14 	<ul style="list-style-type: none"> Connect the test equipment to the antenna connector through the attenuator, and set as shown below: HPF: OFF LPF: 20 kHz De-emphasis: OFF Detector: (P-P)/2 Connect the test equipment to [MIC], and set as shown below: Frequency: 1 kHz Wave form: Sine wave Output level: 80 mV rms (USA) 20 mV rms (other than USA) Transmit. 	±4.2 kHz
	15 		±2.1 kHz
	16 		±4.2 kHz
	17 		±2.1 kHz
	18 		±4.2 kHz
	19 		±2.1 kHz
UHF	20 	±4.2 kHz	
	21 	±2.1 kHz	
	22 	±4.2 kHz	
	23 	±2.1 kHz	
	24 	±4.2 kHz	
	25 	±2.1 kHz	
FM DEVIATION BALANCE VHF	26 	<ul style="list-style-type: none"> Connect the test equipment to the antenna connector through the attenuator, and set as shown below: HPF: OFF LPF: 20 kHz De-emphasis: OFF Detector: (P-P)/2 No audio is applied to [MIC]. Transmit. 	±4.7 kHz
	27 		±2.35 kHz
	28 		±4.7 kHz
	29 		±2.35 kHz
	30 		±4.7 kHz
	31 		±2.35 kHz

NOTE: The displayed adjustment frequency is only an example, and the frequency will differ depending on the transceiver version.

4-2 TRANSMIT ADJUSTMENTS (continued)









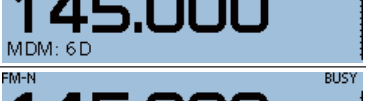






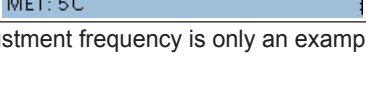
Select an adjustment item using [MONI]/[QUICK], and then set the adjustment value as specified using [DIAL].

ADJUSTMENT ITEM	TRANSCIVER'S DISPLAY	CONDITION	VALUE
FM DEVIATION BALANCE UHF	32 	<ul style="list-style-type: none"> • Connect the test equipment to the antenna connector through the attenuator, and set as shown below: HPF: OFF LPF: 20 kHz De-emphasis: OFF Detector: (P-P)/2 • No audio is applied to [MIC]. • Transmit. 	±4.3 kHz
	33 		±2.15 kHz
	34 		±4.3 kHz
	35 		±2.15 kHz
	36 		±4.3 kHz
	37 		±2.15 kHz
DIGITAL MODULATION VHF	38 		±1.05 kHz
	39 		
	40 		
DIGITAL MODULATION BALANCE VHF	41 		Minimum deviation
	42 		
	43 		
DIGITAL MODULATION UHF	44 		±1.05 kHz
	45 		
	46 		
DIGITAL MODULATION BALANCE UHF	47 		Minimum deviation
	48 		
	49 		

NOTE: The displayed adjustment frequency is only an example, and the frequency will differ depending on the transceiver version.

4-2 TRANSMIT ADJUSTMENTS (continued)

Select an adjustment item using [MONI]/[QUICK], and then set the adjustment value as specified using [DIAL].

ADJUSTMENT ITEM	TRANSCIVER'S DISPLAY	CONDITION	VALUE	
CTCSS DEVIATION VHF wide	50 	<ul style="list-style-type: none"> • Connect the test equipment to the antenna connector through the attenuator, and set as shown below: HPF: OFF LPF: 20 kHz De-emphasis: OFF Detector: (P-P)/2 • No audio is applied to [MIC]. • Transmit. • Records the adjustment value of the wide deviation setting. 	±0.75 kHz	
VHF narrow	51 		The same adjustment value as the wide setting.	
UHF wide	52 		±0.75 kHz	
UHF narrow	53 		The same adjustment value as the wide setting.	
DTCS DEVIATION VHF wide	54 		±0.75 kHz	
VHF narrow	55 		The same adjustment value as the wide setting.	
UHF wide	56 		±0.75 kHz	
UHF narrow	57 		The same adjustment value as the wide setting.	
DTMF DEVIATION VHF wide	58 		<ul style="list-style-type: none"> • Connect the test equipment to the antenna connector through the attenuator, and set as shown below: HPF: OFF LPF: 20 kHz De-emphasis: OFF Detector: (P-P)/2 • No audio is applied to [MIC]. • Transmit. 	±3.5 kHz
VHF narrow	59 			±1.75 kHz
UHF wide	60 			±3.5 kHz
UHF narrow	61 			±1.75 kHz
1750 Hz TONE DEVIATION VHF wide	62 			±3.5 kHz
VHF narrow	63 			±1.75 kHz
UHF wide	64 			±3.5 kHz
UHF narrow	65 			±1.75 kHz

NOTE: The displayed adjustment frequency is only an example, and the frequency will differ depending on the transceiver version.

4-3 RECEIVE ADJUSTMENTS

Select an adjustment item using [MONI]/[QUICK], and then set the adjustment value as specified using [DIAL].

ADJUSTMENT ITEM	TRANSCIVER'S DISPLAY	CONDITION	VALUE
RECEIVE SENSITIVITY	66 FM BUSY 118.020 LT1: 35 24 21 32	<ul style="list-style-type: none"> Connect the test equipment to the antenna connector and set as shown below: Frequency: As displayed Modulation: None Output level: 0 dBμ[†] (-107 dBm) Receive 	Push [DIAL] for automatic adjustment.
	67 FM BUSY 146.020 MT1: 6A 69 7A 91		
	68 FM BUSY 173.980 HT1: AD C1 D4 FF		
	69 FM BUSY 230.020 LT2: 1B DA 1C D8		
	70 FM BUSY 302.520 MT2: 6B FC 93 14		
	71 FM BUSY 374.980 HT2: C8 E0 BD 06		
	72 FM BUSY 375.000 LT3: 2D 21 16 24		
	73 FM BUSY 435.020 MT3: 53 50 41 6A		
	74 FM BUSY 449.980 HT3: 5C 5A 4E 84		
	75 FM BUSY 450.020 LT4: 5C 5A 4E 86		
	76 FM BUSY 500.020 MT4: 7B 82 7D F0		
77 FM BUSY 549.980 HT4: AB BD BC EF			

NOTE: The displayed adjustment frequency is only an example, and the frequency will differ depending on the transceiver version.
[†]: The output level of the standard signal generator (SSG) is indicated as the SSG's open circuit.

4-3 RECEIVE ADJUSTMENT (continued)

Select an adjustment item using [MONI]/[QUICK], and then set the adjustment value as specified using [DIAL].

ADJUSTMENT ITEM	TRANSCIVER'S DISPLAY	CONDITION	VALUE
S-METER Air band S1	78 AM BUSY 127.020 S11: 4E	<ul style="list-style-type: none"> • Connect the test equipment to the antenna connector and set as shown below: Frequency: As displayed Modulation: None Output level: S1 -6 dBμ† (-113 dBm) S3 0 dBμ† (-107 dBm) Full +10 dBμ† (-97 dBm) • Receive 	Push [DIAL] for automatic adjustment.
Air band S3	79 AM BUSY 127.020 S31: 5C		
Air band Full	80 AM BUSY 127.020 SF1: 73		
VHF S1	81 FM BUSY 146.020 S12: 50		
VHF S3	82 FM BUSY 146.020 S32: 5E		
VHF Full	83 FM BUSY 146.020 SF2: 75		
UHF Low S1	84 FM BUSY 302.520 S13: 51		
UHF Low S3	85 FM BUSY 302.520 S33: 5F		
UHF Low Full	86 FM BUSY 302.520 SF3: 77		
UHF Center S1	87 FM BUSY 435.020 S14: 50		
UHF Center S3	88 FM BUSY 435.020 S34: 5E		
UHF Center Full	89 FM BUSY 435.020 SF4: 76		
UHF High S1	90 FM BUSY 500.020 S15: 4C		
UHF High S3	91 FM BUSY 500.020 S35: 59		
UHF High Full	92 FM BUSY 500.020 SF5: 71		

NOTE: The displayed adjustment frequency is only an example, and the frequency will differ depending on the transceiver version.
†: The output level of the standard signal generator (SSG) is indicated as the SSG's open circuit.

4-3 RECEIVE ADJUSTMENT (continued)

Select an adjustment item using [MONI]/[QUICK], and then set the adjustment value as specified using [DIAL].

ADJUSTMENT ITEM	TRANSCIVER'S DISPLAY	CONDITION	VALUE
SQUELCH Air band	93 ^{AM} 127.020 SQ1: 95	<ul style="list-style-type: none"> • Terminate the antenna connector with a dummy load (50 Ω), so no signal is received. 	Push [DIAL] for automatic adjustment.
Air band narrow	94 ^{AM-N} 127.020 SQ1: 7C		
VHF	95 ^{FM} 146.020 SQ2: D9		
VHF narrow	96 ^{FM-N} 146.020 SQ2: C0		
UHF Low	97 ^{FM} 302.520 SQ3: E9		
UHF Low narrow	98 ^{FM-N} 302.520 SQ3: C5		
UHF Center	99 ^{FM} 435.020 SQ4: D5		
UHF Center narrow	100 ^{FM-N} 435.020 SQ4: C9		
UHF High	101 ^{FM} 500.020 SQ5: C5		
UHF High narrow	102 ^{FM-N} 500.020 SQ5: CA		

NOTE: The displayed adjustment frequency is only an example, and the frequency will differ depending on the transceiver version.

SECTION 6

PARTS LIST

[CONTROL UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
IC2	1140016220	S.IC STM32F101VFT6	T	84.1/20.3
IC5	1110007780	S.IC NJU7704F3-28A-TE1-#ZZZH	B	93.0/28.2
IC6	1180003980	S.REG XC6221A332MR-G	B	47.6/13.6
IC7	1190004620	S.IC GSU-141A-098A	B	42.2/27.6
IC8	1180003970	S.REG XC6221A332NR-G	T	48.4/13.7
Q6	1530003990	S.TRA 2SC4738-BL(TE85LF)	B	95.0/5.5
Q7	1530003990	S.TRA 2SC4738-BL(TE85LF)	B	81.0/5.3
Q8	1530003990	S.TRA 2SC4738-BL(TE85LF)	B	92.7/5.5
Q12	1530003990	S.TRA 2SC4738-BL(TE85LF)	T	35.3/12.1
Q13	1530003990	S.TRA 2SC4738-BL(TE85LF)	T	35.4/9.9
Q14	1530003990	S.TRA 2SC4738-BL(TE85LF)	B	32.3/8.8
D3	1750002230	S.DIO LRB751S-40T1G	B	33.5/29.3
D4	1750001810	S.DIO LISS400T1G	T	106.6/18.2
D8	1750001820	S.DIO LRB706F-40T1G	T	71.6/10.2
D9	1750001820	S.DIO LRB706F-40T1G	T	71.6/12.7
D12	1750002110	S.DIO LRB551V-30T1G	B	49.5/9.3
D13	1750002110	S.DIO LRB551V-30T1G	T	10.0/5.2
D14	1750001810	S.DIO LISS400T1G	B	50.0/13.1
D16	1790001830	S.VAR AVR-M1005C270MTAAB	T	64.5/9.2
D17	1790001830	S.VAR AVR-M1005C270MTAAB	T	58.7/8.4
D18	1790001830	S.VAR AVR-M1005C270MTAAB	T	51.4/12.3
D19	1790002160	S.VAR TPD1E10B06DPYR	T	54.5/14.9
D20	1790002160	S.VAR TPD1E10B06DPYR	T	60.5/14.9
D21	1790002160	S.VAR TPD1E10B06DPYR	T	63.5/14.9
L100	6200015410	S.COI MLK1005SR33JT	B	33.9/25.0
R1	7210003731	VAR R09022N0-FB20B7B503-0004		
R2	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	107.3/19.4
R3	7210003731	VAR R09022N0-FB20B7B503-0004		
R4	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	107.2/17.0
R5	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	79.7/30.5
R6	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	78.6/29.4
R7	7510001770	S.THE NTCG10 4LH 473JT	T	72.9/24.5
R8	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	72.5/25.7
R10	7030005530	S.RES ERJ2GEJ 100 X (10)	B	46.6/11.1
R12	7030005530	S.RES ERJ2GEJ 100 X (10)	B	77.1/22.5
R14	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	105.2/17.0
R16	7410001340	S.ARR EXB28V473JX	B	81.9/20.6
R19	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	94.0/19.3
R20	7030010040	S.RES ERJ2GEJ-JPW	T	95.0/20.0
R21	7030004980	S.RES ERJ2GEJ 101 X (100)	T	94.9/25.0
R24	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	17.7/6.6
R25	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	17.7/5.7
R48	7410001220	S.ARR EXB28V103JX	B	88.0/7.2
R50	7410001340	S.ARR EXB28V473JX	T	86.1/30.3
R55	7410001220	S.ARR EXB28V103JX	B	85.1/9.6
R56	7410001340	S.ARR EXB28V473JX	T	84.7/9.9
R58	7410001340	S.ARR EXB28V473JX	T	94.9/13.9
R59	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	80.2/20.5
R62	7030005530	S.RES ERJ2GEJ 100 X (10)	T	73.6/30.1
R63	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	79.2/21.4
R71	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	81.4/31.0
R72	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	82.6/31.4
R73	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	84.4/31.0
R79	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	49.3/30.8
R80	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	50.5/13.5
R82	7030005530	S.RES ERJ2GEJ 100 X (10)	T	47.8/10.7
R83	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	92.9/25.4
R91	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	65.2/24.2
R92	7410001140	S.ARR EXB28V104JX	T	69.7/25.4
R93	7410001140	S.ARR EXB28V104JX	B	72.1/23.0
R101	7030009280	S.RES ERJ2GEJ 391 X	T	32.4/18.2
R102	7030009280	S.RES ERJ2GEJ 391 X	T	32.4/20.1
R103	7030009280	S.RES ERJ2GEJ 391 X	T	32.5/23.5
R104	7030009280	S.RES ERJ2GEJ 391 X	T	32.5/25.5
R105	7030009280	S.RES ERJ2GEJ 391 X	T	32.2/29.0
R106	7030009280	S.RES ERJ2GEJ 391 X	T	32.2/30.9
R107	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/18.8
R108	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/21.5
R109	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/24.2
R110	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/26.9
R111	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/29.6
R112	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/32.4
R113	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/17.0
R114	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/19.7
R115	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/22.4
R116	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/25.1
R117	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/27.8
R118	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/30.5
R119	7030009280	S.RES ERJ2GEJ 391 X	T	32.4/14.5
R120	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/14.2
R121	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/16.1
R122	7030009280	S.RES ERJ2GEJ 391 X	T	32.4/12.9
R123	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/11.5
R124	7030005000	S.RES ERJ2GEJ 471 X (470)	T	30.5/13.3
R127	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	59.9/9.2
R128	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	62.0/9.2
R133	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	51.9/11.1
R134	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	12.8/11.3
R152	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	63.3/9.4
R153	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	60.8/9.2

[CONTROL UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R162	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	4.8/33.5
R163	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	4.3/9.1
R165	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	33.7/3.7
R166	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	44.6/4.0
R167	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	56.1/3.9
R168	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	67.5/4.0
R169	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	79.3/3.7
R170	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	90.7/3.7
R172	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	5.2/32.3
R173	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	5.5/8.9
R175	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	33.7/2.8
R176	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	45.1/2.8
R177	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	56.5/2.8
R178	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	67.9/2.8
R179	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	79.3/2.8
R180	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	90.7/2.8
R182	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	8.9/7.5
R183	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	9.2/8.8
R185	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	38.2/2.8
R186	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	49.6/2.8
R187	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	61.0/2.8
R188	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	72.4/2.8
R189	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	83.8/2.8
R190	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	95.2/2.8
R200	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	76.3/19.5
R201	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	76.8/18.2
R202	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	71.3/18.0
R203	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	74.0/20.8
R204	7030005000	S.RES ERJ2GEJ 471 X (470)	B	72.1/20.5
R205	7030005000	S.RES ERJ2GEJ 471 X (470)	B	70.5/20.9
R206	7030005000	S.RES ERJ2GEJ 471 X (470)	B	69.7/18.4
R207	7030005000	S.RES ERJ2GEJ 471 X (470)	B	67.6/18.0
R208	7030005000	S.RES ERJ2GEJ 471 X (470)	B	74.3/14.0
R209	7030005000	S.RES ERJ2GEJ 471 X (470)	B	79.1/12.9
R210	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	52.5/17.8
R211	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	50.9/17.5
R212	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	48.9/15.8
R213	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	47.3/15.8
R214	7030005000	S.RES ERJ2GEJ 471 X (470)	T	72.1/19.9
C2	4030023030	S.CER 0402B103K250CT	T	105.3/19.7
C3	4030022940	S.CER 0402B104K100CT	T	72.9/23.6
C4	4030023030	S.CER 0402B103K250CT	T	104.3/17.0
C6	4030022940	S.CER 0402B104K100CT	T	72.7/30.1
C7	4030022640	S.CER 0402N101J500CT	T	16.4/6.1
C8	4030022640	S.CER 0402N101J500CT	T	15.4/5.5
C10	4030023030	S.CER 0402B103K250CT	B	77.7/21.3
C11	4030020000	S.CER C1005 JB 1A 105K-T	T	3.1/32.5
C12	4030020000	S.CER C1005 JB 1A 105K-T	T	96.1/3.9
C18	4030022740	S.CER 0402N220J500CT	T	96.9/14.9
C19	4030022740	S.CER 0402N220J500CT	T	96.8/20.0
C23	4030019120	S.CER GRM188B31E105KA75D	B	56.1/22.6
C24	4030020000	S.CER C1005 JB 1A 105K-T	B	50.5/14.7
C25	4030023030	S.CER 0402B103K250CT	B	50.5/15.6
C26	4030022960	S.CER 0402B333K100CT	B	92.5/30.0
C27	4030023090	S.CER 0402B102K500CT	B	49.6/11.0
C28	4030020000	S.CER C1005 JB 1A 105K-T	B	48.6/11.0
C29	4030023090	S.CER 0402B102K500CT	T	11.4/9.9
C30	4030022860	S.CER 0402N470J500CT	T	14.5/5.3
C31	4030022860	S.CER 0402N470J500CT	T	12.3/4.9
C32	4030019560	S.CER GRM21BB31C106KE15L	T	91.6/9.9
C33	4030022940	S.CER 0402B104K100CT	T	94.0/16.6
C34	4030022940	S.CER 0402B104K100CT	T	88.8/30.8
C35	4030019120	S.CER GRM188B31E105KA75D	B	57.4/22.6
C36	4030019120	S.CER GRM188B31E105KA75D	B	59.4/22.7
C37	4030022940	S.CER 0402B104K100CT	T	76.2/28.8
C38	4030022940	S.CER 0402B104K100CT	T	76.3/13.2
C39	4030023090	S.CER 0402B102K500CT	B	92.7/26.3
C40	4030022940	S.CER 0402B104K100CT	T	89.7/10.3
C41	4030023030	S.CER 0402B103K250CT	T	94.9/25.9
C42	4030019560	S.CER GRM21BB31C106KE15L	T	95.8/27.3
C43	4030023030	S.CER 0402B103K250CT	T	94.5/23.6
C44	4030019560	S.CER GRM21BB31C106KE15L	T	96.7/23.6
C45	4030023090	S.CER 0402B102K500CT	T	16.6/7.5
C48	4030022940	S.CER 0402B104K100CT	B	62.8/22.6
C53	4030023030	S.CER 0402B103K250CT	T	104.7/15.6
C57	4030023090	S.CER 0402B102K500CT	T	38.8/5.3
C58	4030023090	S.CER 0402B102K500CT	T	50.0/5.3
C59	4030023090	S.CER 0402B102K500CT	T	61.4/5.3
C60	4030023090	S.CER 0402B102K500CT	T	72.8/5.3
C61	4030023090	S.CER 0402B102K500CT	T	84.2/5.3
C62	4030023090	S.CER 0402B102K500CT	T	90.3/6.4
C63	4030022860	S.CER 0402N470J500CT	T	3.5/6.2
C64	4030022860	S.CER 0402N470J500CT	T	6.3/27.3
C65	4030022860	S.CER 0402N470J500CT	T	16.6/8.4
C67	4030022860	S.CER 0402N470J500CT	T	18.7/8.0
C68	4030022860	S.CER 0402N470J500CT	T	18.9/5.6
C69	4030023090	S.CER 0402B102K500CT	T	51.0/9.6
C70	4030023090	S.CER 0402B102K500CT	T	74.3/9.0
C74	4030023090	S.CER 0402B102K500CT	T	75.4/10.4
C75	4030023090	S.CER 0402B102K500CT	T	76.0/9.3
C76	4030023090	S.CER 0402B102K500CT	B	32.7/6.2
C80	4030020000	S.CER C1005 JB 1A 105K-T	B	32.4/10.2
C82	4030023090	S.CER 0402B102K500CT	T	80.5/9.5

[CONTROL UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C94	4030022940	S.CER 0402B104K100CT	B	49.8/27.7
C97	4030020000	S.CER C1005 JB 1A 105K-T	T	48.0/12.0
C110	4030023090	S.CER 0402B102K500CT	B	34.9/29.1
C111	4050000380	S.FEE NFM15PC104R1A3D	B	33.5/27.2
C112	4030023090	S.CER 0402B102K500CT	B	50.2/30.8
C113	4030023090	S.CER 0402B102K500CT	B	51.1/28.5
C114	4030023090	S.CER 0402B102K500CT	B	49.8/26.8
C115	4030023090	S.CER 0402B102K500CT	B	49.3/25.6
C116	4030023090	S.CER 0402B102K500CT	B	48.4/25.6
C117	4030023090	S.CER 0402B102K500CT	B	48.4/30.8
C118	4030023090	S.CER 0402B102K500CT	B	49.8/28.6
C120	4030022640	S.CER 0402N101J500CT	B	35.5/25.0
C130	4030022630	S.CER 0402N100C500CT	B	63.8/21.2
C131	4030022630	S.CER 0402N100C500CT	B	64.7/21.2
C132	4030023090	S.CER 0402B102K500CT	B	57.8/18.1
C133	4030023090	S.CER 0402B102K500CT	B	53.7/18.7
C134	4030023090	S.CER 0402B102K500CT	B	35.5/17.0
C135	4030023090	S.CER 0402B102K500CT	B	35.5/15.1
C136	4030023090	S.CER 0402B102K500CT	B	34.4/15.0
C137	4030023090	S.CER 0402B102K500CT	B	35.9/11.7
C138	4030023090	S.CER 0402B102K500CT	B	8.2/24.4
C139	4030023090	S.CER 0402B102K500CT	T	9.7/22.0
C140	4030023090	S.CER 0402B102K500CT	T	61.9/18.6
C141	4030020000	S.CER C1005 JB 1A 105K-T	T	61.8/20.2
C142	4030022630	S.CER 0402N100C500CT	T	63.6/22.4
C143	4030022630	S.CER 0402N100C500CT	T	63.9/23.3
C144	4030022630	S.CER 0402N100C500CT	T	65.8/18.4
C145	4030022630	S.CER 0402N100C500CT	T	66.9/19.4
C146	4030022630	S.CER 0402N100C500CT	T	66.1/24.2
C147	4030022630	S.CER 0402N100C500CT	T	67.4/21.9
C148	4030022630	S.CER 0402N100C500CT	T	68.0/24.7
C149	4030022630	S.CER 0402N100C500CT	T	69.8/23.4
C150	4030022630	S.CER 0402N100C500CT	T	69.3/21.6
C151	4030022860	S.CER 0402N470J500CT	T	73.5/19.4
C152	4030022860	S.CER 0402N470J500CT	T	78.1/10.2
C153	4030022860	S.CER 0402N470J500CT	T	78.1/11.1
C154	4030023090	S.CER 0402B102K500CT	T	81.4/10.7
C155	4030023090	S.CER 0402B102K500CT	T	82.3/10.7
C156	4030022860	S.CER 0402N470J500CT	T	83.8/10.7
C157	4030022860	S.CER 0402N470J500CT	T	84.7/10.7
C158	4510008040	S.ELE EEFCD 0K 330R	T	42.7/13.8
J1	6510027710	S.CON S5B-ZR-SM44-TF(LF)(SN)	T	64.0/30.4
J2	6510028740	S.CON 14FL-SM1-TB(LF)(SN)(F)	B	82.3/26.5
J3	6510027270	CON 3167 FRONT CONNECTOR		
J4	6510023170	CON 3008-LP6PC		
J5	6510030960	S.CON IMSA-9631S-27Y801	B	64.4/27.3
J251	6510023480	S.CON AYU1-1P-02676-120-TF	B	34.9/22.3
DS1	5030004350	LCD UNC-MSFF014230-02		
DS4	5040004070	S.LED E3623RGB-10D-000114	T	35.9/3.2
DS5	5040004070	S.LED E3623RGB-10D-000114	T	47.3/3.2
DS6	5040004070	S.LED E3623RGB-10D-000114	T	58.7/3.2
DS7	5040004070	S.LED E3623RGB-10D-000114	T	70.1/3.2
DS8	5040004070	S.LED E3623RGB-10D-000114	T	81.5/3.2
DS9	5040004070	S.LED E3623RGB-10D-000114	T	92.9/3.2
DS11	5040004070	S.LED E3623RGB-10D-000114	T	6.9/33.0
DS12	5040004070	S.LED E3623RGB-10D-000114	T	7.3/8.9
DS14	5040004070	S.LED E3623RGB-10D-000114	T	28.6/31.4
DS15	5040004070	S.LED E3623RGB-10D-000114	T	28.6/28.7
DS16	5040004070	S.LED E3623RGB-10D-000114	T	28.6/26.0
DS17	5040004070	S.LED E3623RGB-10D-000114	T	28.6/23.2
DS18	5040004070	S.LED E3623RGB-10D-000114	T	28.6/20.6
DS19	5040004070	S.LED E3623RGB-10D-000114	T	28.6/17.8
DS20	5040004070	S.LED E3623RGB-10D-000114	T	28.6/15.1
DS21	5040004070	S.LED E3623RGB-10D-000114	T	28.6/12.4
S3	2230001480	S.SWI LS37J2-T	T	110.3/17.5
S4	2230001480	S.SWI LS37J2-T	T	35.9/6.0
S5	2230001480	S.SWI LS37J2-T	T	47.3/6.0
S6	2230001480	S.SWI LS37J2-T	T	58.7/6.0
S7	2230001480	S.SWI LS37J2-T	T	70.1/6.0
S8	2230001480	S.SWI LS37J2-T	T	81.5/6.0
S9	2230001480	S.SWI LS37J2-T	T	92.9/6.0
S10	2230001480	S.SWI LS37J2-T	T	6.1/5.7
S11	2230001480	S.SWI LS37J2-T	T	6.1/29.6
S14	2250000660	ENC SW-170(EC12D1564402)		
EP2	3310005080	ANT GBA-962(031015071EM0800)		
EP4	6910018460	S.BEA MMZ1005Y102C-T	T	93.2/10.8
EP7	6910018460	S.BEA MMZ1005Y102C-T	T	46.9/16.7
EP9	6910012350	S.BEA MMZ1608Y 102BT	T	10.2/8.1
EP10	6910012350	S.BEA MMZ1608Y 102BT	T	14.6/7.5
EP11	6910012350	S.BEA MMZ1608Y 102BT	T	11.4/7.2
EP12	6910012350	S.BEA MMZ1608Y 102BT	T	13.4/5.6
EP13	6910012350	S.BEA MMZ1608Y 102BT	T	57.7/9.4
EP14	6910012350	S.BEA MMZ1608Y 102BT	T	68.5/12.1
EP15	6910018460	S.BEA MMZ1005Y102C-T	B	31.2/5.8
EP20	6910018460	S.BEA MMZ1005Y102C-T	B	59.0/17.6
EP21	6910018460	S.BEA MMZ1005Y102C-T	B	54.9/18.2
EP22	6910018460	S.BEA MMZ1005Y102C-T	T	62.3/17.4
EP251	6910018460	S.BEA MMZ1005Y102C-T	B	62.6/21.4

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1130016460	S.IC R2A20169SA	T	60.4/93.8
IC2	1110008910	S.IC NJM2904CV-TE1-#HMZR	B	84.0/70.5
IC3	1150002680	IC RA60H1317M1A-522		
IC4	1150002690	IC RA60H3847M1-521		
IC12	1110008940	S.IC NJU7057RB1-TE2-#ZMZH	T	73.9/41.0
IC13	1110008830	S.IC NJU7058V-TE2-#ZMZH	T	84.2/49.1
IC14	1110007630	S.IC NJM2783V-TE1-#ZZZH	T	13.5/37.3
IC15	1110007770	S.IC PCM3008T/2K	B	99.0/33.4
IC17	1110008210	S.IC OPA356AIDBVR	B	110.0/26.8
IC18	1140013290	S.IC TMS320VC5509AZHH	B	100.7/21.8
IC20	1130017800	S.IC EN25Q40A-104GIP	T	127.1/19.1
IC100	1100015760	S.IC TC74VHC4066AFK(EK)	T	30.3/22.3
IC101	1110007660	S.IC NJM2746V-TE1-#ZZZB	T	19.3/24.4
IC102	1110007550	S.IC R2A20178NP	T	68.2/32.4
IC103	1110008940	S.IC NJU7057RB1-TE2-#ZMZH	T	60.3/24.8
IC104	1130015760	S.IC TC74VHC4066AFK(EK)	T	70.9/23.0
IC106	1110003910	IC LA4425A-E		
IC107	1110008890	S.IC NJU7056F3-TE2-#ZZZH	T	104.5/81.5
IC109	1130015760	S.IC TC74VHC4066AFK(EK)	T	93.6/75.9
IC110	1110008680	S.IC NJU72341V-TE2-#UZZH	T	94.3/82.4
IC112	1110008830	S.IC NJU7058V-TE2-#ZMZH	T	42.0/21.4
IC119	1130015760	S.IC TC74VHC4066AFK(EK)	T	68.4/78.8
IC120	1110007300	S.IC NJM2552V-TE1-#ZZZB	T	55.0/72.3
IC122	1110008890	S.IC NJU7056F3-TE2-#ZZZH	T	63.0/85.1
IC206	1130017460	S.IC AK1542A-L	B	39.0/29.4
IC207	1130007021	S.IC TC7S66FU(TE85LF)	B	48.1/33.4
IC300	1140017930	S.IC R5F564MLDDFB	B	115.7/55.1
IC301	1140017190	S.IC GT24C1024-2CLI-TR	B	128.7/59.5
IC302	1130018740	S.IC RX8130CE	B	101.8/72.8
IC303	1110009520	S.IC TMP303BDRLR	T	116.8/12.9
IC304	1110009520	S.IC TMP303BDRLR	T	[#12]
IC304	1140017190	S.IC GT24C1024-2CLI-TR	B	[#13]
IC305	1180003980	S.REG XC6221A332MR-G	T	131.1/59.5
IC306	1180004490	S.REG XC6209F332MR-G	B	124.4/9.7
IC307	1110008890	S.IC NJU7056F3-TE2-#ZZZH	T	80.6/23.8
IC308	1110009440	S.IC S-80929CNPF-G&ZTFU	T	24.5/17.7
IC309	6910022360	S.DC TPS62110RSAR	B	131.8/54.7
IC310	1190004090	S.IC INA199B1DCKR	T	128.0/84.4
IC311	1180004490	S.REG XC6209F332MR-G	T	94.2/90.7
IC312	1130014260	S.IC SN74LVC22GU04DCKR	T	123.5/72.5
IC313	1180003500	S.REG NJM7808DL1A-TE1-#FZZB	B	132.1/66.0
IC314	1180004490	S.REG XC6209F332MR-G	B	95.8/109.2
IC318	1120003020	S.IC MAX3221IPWR	T	114.9/83.0
IC319	1180004430	S.REG XC6209F502MR-G	B	100.3/127.4
IC320	1110007620	S.IC NJU7704F3-42A-TE1-#ZZZB	T	114.9/79.6
IC323	1180003980	S.REG XC6222D421MR-G	B	85.4/30.9
IC324	1110007620	S.IC NJU7704F3-42A-TE1-#ZZZB	T	116.3/39.2
IC403	1180003980	S.REG XC6221A332MR-G	B	85.4/27.4
IC404	1180004990	S.REG XC6221B13AMR-G	T	96.6/42.5
IC405	1140017210	S.IC R5F104GAAFB	T	87.9/33.6
Q1	1590004070	S.TRA LDTC144EET1G	B	123.3/33.9
Q5	1590004070	S.TRA LDTC144EET1G	B	38.6/67.7
Q9	1590005220	S.TRA LDTA114YET1G	B	42.8/67.7
Q10	1590005220	S.TRA LDTA114YET1G	B	38.5/70.3
Q13	1590004070	S.TRA LDTC144EET1G	T	35.6/70.3
Q14	1590005220	S.TRA LDTA114YET1G	B	79.0/47.1
Q17	1580000731	S.FET 3SK293(TE85LF)	T	40.5/70.3
Q19	1580000731	S.FET 3SK293(TE85LF)	T	11.0/102.7
Q21	1530003990	S.TRA 2SC4738-BL(TE85LF)	T	48.4/96.5
Q22	1530004590	S.TRA BFR193F H6327	T	55.3/94.1
Q23	1530004590	S.TRA BFR193F H6327	T	25.7/102.4
Q27	1590004090	S.TRA LDTC114YET1G	T	24.8/93.7
Q28	1510000581	S.TRA 2SA1362-GR(TE85RF)	T	87.5/59.6
Q29	1530003990	S.TRA 2SC4738-BL(TE85LF)	T	84.4/57.5
Q30	1520001010	S.TRA 2SB1132G-R-AB3-R	T	98.4/122.0
Q31	1510000771	S.TRA 2SA1586-GR(TE85LF)	T	95.6/119.6
Q32	1590004090	S.TRA LDTC114YET1G	T	99.4/118.7
Q33	1590004070	S.TRA LDTC144EET1G	T	43.3/60.2
Q34	1510000581	S.TRA 2SA1362-GR(TE85RF)	B	40.7/67.7
Q36	1530004460	S.TRA MT3S20TU(TE85L)	T	40.8/58.4
Q37	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	76.1/49.1
Q38	1530003321	S.TRA 2SC5108-Y(TE85RF)	B	32.4/45.0
Q40	1530004100	S.TRA MT3S20P(TE12LF)	B	31.2/50.0
Q41	1530004100	S.TRA MT3S20P(TE12LF)	B	84.0/55.4
Q46	1590004050	S.TRA LDTA144EET1G	B	40.5/55.4
Q48	1590004050	S.TRA LDTA144EET1G	B	79.3/70.5
Q100	1590004070	S.TRA LDTC144EET1G	T	79.3/67.6
Q102	1530003990	S.TRA 2SC4738-BL(TE85LF)	T	30.5/26.6
Q106	1560002190	S.FET RUM002N02T2L	B	8.4/31.8
Q112	1590004590	S.TRA DMC506010R	T	126.3/95.2
Q117	1590004070	S.TRA LDTC144EET1G	T	83.4/76.3
Q119	1590004310	S.TRA LDTA114EET1G	T	69.2/61.4
Q121	1590004070	S.TRA LDTC144EET1G	T	66.7/62.2
Q123	1590004050	S.TRA LDTA144EET1G	T	69.6/57.9
Q125	1590004390	S.TRA DMG504010R	T	64.3/61.7
Q127	1590004070	S.TRA LDTC144EET1G	T	84.4/68.0
Q129	1590004310	S.TRA LDTA114EET1G	T	62.5/68.9
Q131	1590004070	S.TRA LDTC144EET1G	T	56.1/83.3
Q133	1530003990	S.TRA 2SC4738-BL(TE85LF)	T	49.2/85.2
Q137	1530002601	S.TRA 2SC4215-O(TE85RF)	T	48.9/82.9
Q139	1590004090	S.TRA LDTC114YET1G	B	41.4/74.5
Q141	1590004050	S.TRA LDTA144EET1G	T	76.3/80.6
Q143	1580000731	S.FET 3SK293(TE85LF)	T	64.2/58.9
Q148	1590004070	S.TRA LDTC144EET1G	T	27.7/79.0
Q149	1590004070	S.TRA LDTC144EET1G	T	67.8/59.5
Q151	1590004070	S.TRA LDTC144EET1G	T	56.3/20.2
Q152	1590004060	S.TRA LDTC114EET1G	T	34.3/16.0
Q154	1590004070			

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
Q226	1530003990	S.TRA 2SC4738-BL(Te85LF)	B	48.2/42.6
Q227	1560002190	S.FET RUM002N02T2L	T	53.6/41.8
Q228	1560002190	S.FET RUM002N02T2L	T	45.6/43.4
Q229	1590004090	S.TRA LDTTC114YET1G	B	52.8/41.7
Q230	1590004090	S.TRA LDTTC114YET1G	B	52.8/39.7
Q231	1590004580	S.TRA DMA501010R	B	48.4/39.9
Q232	1530004590	S.TRA BFR193F H6327	T	49.7/46.8
Q233	1530004590	S.TRA BFR193F H6327	T	40.6/37.5
Q234	1530003321	S.TRA 2SC5108-Y(Te85RF)	T	36.5/40.6
Q235	1530003321	S.TRA 2SC5108-Y(Te85RF)	T	44.9/47.0
Q236	1530003321	S.TRA 2SC5108-Y(Te85RF)	T	40.4/43.4
Q238	1530003321	S.TRA 2SC5108-Y(Te85RF)	T	21.5/57.7
Q301	1590004090	S.TRA LDTTC114YET1G	T	90.2/102.3
Q302	1590004050	S.TRA LDTA144EET1G	T	119.0/11.0
	1590004050	S.TRA LDTA144EET1G	[#12]	
	1590004050	S.TRA LDTA144EET1G	[#13]	
Q303	1550000090	S.FET RSQ035P03TR	T	121.2/80.6
Q304	1510001100	S.TRA 2SA1832-GR(Te85RF)	B	128.9/65.3
Q305	1530003990	S.TRA 2SC4738-BL(Te85LF)	B	129.7/68.3
Q306	1520001010	S.TRA 2SB1132G-R-AB3-R	T	95.4/101.5
Q500	1580000731	S.FET 3SK293(Te85LF)	T	17.1/116.2
Q510	1580000731	S.FET 3SK293(Te85LF)	T	58.6/114.6
Q905	1590004060	S.TRA LDTTC114EET1G	B	56.6/36.0
Q906	1590004060	S.TRA LDTTC114EET1G	B	50.8/37.4
D1	1750002230	S.DIO LRB751S-40T1G	T	67.1/112.3
D2	1750002230	S.DIO LRB751S-40T1G	T	20.8/113.8
D10	1750002990	S.DIO BAR88-02V H6327	T	12.4/90.3
D11	1720000702	S.VAR 1SV305H3F	T	10.7/92.4
D14	1750002230	S.DIO LRB751S-40T1G	T	45.4/97.5
D15	1720000702	S.VAR 1SV305H3F	T	10.6/94.8
D18	1750002990	S.DIO BAR88-02V H6327	T	36.3/97.1
D19	1720000702	S.VAR 1SV305H3F	T	43.4/96.7
D21	1720000702	S.VAR 1SV305H3F	T	8.3/113.4
D23	1720000702	S.VAR 1SV305H3F	T	11.0/110.4
D25	1720000702	S.VAR 1SV305H3F	T	10.3/114.0
D27	1720000702	S.VAR 1SV305H3F	T	52.3/105.0
D28	1750002230	S.DIO LRB751S-40T1G	T	101.5/22.4
D29	1720000702	S.VAR 1SV305H3F	T	8.2/110.4
D31	1750002570	S.DIO BAP50-04215	T	29.5/114.5
D32	1790001621	S.DIO 1SV308(TPL3F)	T	29.1/112.1
D33	1750002570	S.DIO BAP50-04215	T	67.1/118.5
D36	1750002990	S.DIO BAR88-02V H6327	T	20.3/90.2
D45	1720000702	S.VAR 1SV305H3F	T	24.9/96.6
D47	1750001810	S.DIO L1SS400T1G	B	39.9/48.5
D48	1750001810	S.DIO L1SS400T1G	B	38.5/48.6
D49	1750001970	S.ZEN DZ2J082M0L	T	94.8/123.5
D50	1790001622	S.DIO 1SV308L3F	B	29.9/46.9
D51	1720000702	S.VAR 1SV305H3F	T	29.0/100.8
D52	1790001622	S.DIO 1SV308L3F	B	28.3/45.5
D53	1750001810	S.DIO L1SS400T1G	B	82.2/52.0
D55	1750001810	S.DIO L1SS400T1G	B	39.5/52.3
D56	1790001621	S.DIO 1SV308(TPL3F)	T	30.8/111.9
D57	1720000702	S.VAR 1SV305H3F	T	27.9/105.9
D58	1720000702	S.VAR 1SV305H3F	T	36.2/109.0
D59	1750001820	S.DIO LRB706F-40T1G	B	76.1/112.2
D62	1750001820	S.DIO LRB706F-40T1G	B	38.6/89.4
D63	1750001820	S.DIO LRB706F-40T1G	B	71.0/111.4
D66	1750002190	S.DIO JDP2S12CR(Te85LQ)	B	75.7/126.9
D67	1750001820	S.DIO LRB706F-40T1G	B	27.5/111.4
D68	1750002190	S.DIO JDP2S12CR(Te85LQ)	B	40.8/115.1
D69	1790001622	S.DIO 1SV308L3F	B	68.2/119.2
D70	1790001622	S.DIO 1SV308L3F	B	69.4/119.2
D71	1790001622	S.DIO 1SV308L3F	B	70.6/119.2
D73	1750002190	S.DIO JDP2S12CR(Te85LQ)	B	30.8/116.8
D75	1790001622	S.DIO 1SV308L3F	T	30.5/123.0
D77	1790001622	S.DIO 1SV308L3F	T	72.8/119.8
D79	1750001810	S.DIO L1SS400T1G	T	32.7/116.9
D81	1750001810	S.DIO L1SS400T1G	T	63.6/118.3
D84	1750002190	S.DIO JDP2S12CR(Te85LQ)	B	42.9/115.2
D85	1720000702	S.VAR 1SV305H3F	T	52.3/101.9
D86	1720000702	S.VAR 1SV305H3F	T	40.5/97.4
D89	1720000702	S.VAR 1SV305H3F	T	8.7/96.0
D90	1720000702	S.VAR 1SV305H3F	T	8.1/92.4
D100	1750001810	S.DIO L1SS400T1G	T	11.1/30.7
D101	1730002850	S.ZEN DZ2J047M0L	T	18.3/30.0
D105	1750002020	S.DIO DA2S10100L	T	61.1/58.3
D106	1750002020	S.DIO DA2S10100L	T	60.3/60.2
D109	1750002020	S.DIO DA2S10100L	T	46.1/66.0
D110	1750002020	S.DIO DA2S10100L	T	48.1/67.9
D113	1750001820	S.DIO LRB706F-40T1G	T	47.6/77.9
D115	1750002230	S.DIO LRB751S-40T1G	B	43.8/76.9
D117	1750001820	S.DIO LRB706F-40T1G	T	41.9/70.3
D123	1750001810	S.DIO L1SS400T1G	T	39.2/16.0
D124	1750001810	S.DIO L1SS400T1G	T	37.3/15.2
D127	1750002230	S.DIO LRB751S-40T1G	T	25.7/84.0
D128	1750002230	S.DIO LRB751S-40T1G	T	25.7/85.2
D129	1750002230	S.DIO LRB751S-40T1G	T	11.3/85.2
D178	1750002230	S.DIO LRB751S-40T1G	T	22.1/99.0
D223	1750002860	S.VAR BBY57-02V H6327	T	50.2/38.2
D224	1750002860	S.VAR BBY57-02V H6327	T	52.8/37.9
D225	1750001771	S.VAR 1SV323H3F	T	45.2/32.9
D226	1750001771	S.VAR 1SV323H3F	T	46.0/34.7
D227	1750001771	S.VAR 1SV323H3F	T	47.7/37.6
D228	1750001771	S.VAR 1SV323H3F	T	45.1/31.7
D229	1750001790	S.DIO 1SS390 TE61	T	50.4/43.2
D230	1750001790	S.DIO 1SS390 TE61	T	44.3/41.0
D231	1750001810	S.DIO L1SS400T1G	T	40.5/45.9
D232	1750001790	S.DIO 1SS390 TE61	T	38.4/46.9
D233	1750001790	S.DIO 1SS390 TE61	T	40.1/47.9
D234	1750002990	S.DIO BAR88-02V H6327	T	18.1/61.4
D235	1750002990	S.DIO BAR88-02V H6327	T	22.3/60.1
D251	1750002230	S.DIO LRB751S-40T1G	T	94.7/21.0
D252	1750002230	S.DIO LRB751S-40T1G	T	101.5/21.2

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

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
D253	1750002230	S.DIO LRB751S-40T1G	T	99.0/21.1
D254	1750002230	S.DIO LRB751S-40T1G	T	108.1/18.5
D301	1750001810	S.DIO L1SS400T1G	B	116.5/11.0
	1750001810	S.DIO L1SS400T1G	[#12]	
	1750001810	S.DIO L1SS400T1G	[#13]	
D302	1750001810	S.DIO L1SS400T1G	B	104.3/72.6
	1750001810	S.DIO L1SS400T1G	[#15]	
	1750001810	S.DIO L1SS400T1G	[#19]	
D304	1750001771	S.VAR 1SV323H3F	B	130.8/47.9
D307	1750001810	S.DIO L1SS400T1G	T	110.2/73.3
	1750001810	S.DIO L1SS400T1G	[#12]	
	1750001810	S.DIO L1SS400T1G	[#13]	
	1750001810	S.DIO L1SS400T1G	[#15]	
D309	1750001810	S.DIO L1SS400T1G	Only	[#13] B 110.2/73.3
D314	1750001810	S.DIO L1SS400T1G	Only	[#13] T 110.2/70.9
D315	1750001810	S.DIO L1SS400T1G	[#12]	T 110.2/72.1
	1750001810	S.DIO L1SS400T1G	[#13]	
	1750001810	S.DIO L1SS400T1G	[#15]	
D316	1750001810	S.DIO L1SS400T1G	Only	[#13] B 110.2/70.9
D317	1750001810	S.DIO L1SS400T1G	[#12]	B 110.2/72.1
	1750001810	S.DIO L1SS400T1G	[#13]	
D322	1750001810	S.DIO L1SS400T1G	[#12]	B 110.2/69.7
	1750001810	S.DIO L1SS400T1G	[#19]	
D324	1710001420	DIO 1.5KE20A		
D325	1750001810	S.DIO L1SS400T1G	T	123.2/74.8
D326	1750001810	S.DIO L1SS400T1G	T	119.3/75.9
D327	1750001810	S.DIO L1SS400T1G	B	127.5/68.5
D328	1750001820	S.DIO LRB706F-40T1G	B	62.4/14.9
D331	1750002110	S.DIO LRB551V-30T1G	T	122.4/77.4
D332	1750002110	S.DIO LRB551V-30T1G	T	115.2/76.3
D333	1750002110	S.DIO LRB551V-30T1G	T	120.0/73.6
D334	1750001820	S.DIO LRB706F-40T1G	B	10.1/23.4
D335	1750001820	S.DIO LRB706F-40T1G	B	67.4/14.9
D336	1750001820	S.DIO LRB706F-40T1G	B	64.9/19.9
D338	1750001820	S.DIO LRB706F-40T1G	B	108.6/105.6
D340	1750001820	S.DIO LRB706F-40T1G	B	10.5/26.0
D343	1750002990	S.DIO BAR88-02V H6327	T	26.1/75.0
D344	1750002990	S.DIO BAR88-02V H6327	T	20.0/76.2
D348	1790002160	S.VAR TPD1E10B06DPYR	T	83.6/18.4
D349	1790002160	S.VAR TPD1E10B06DPYR	T	80.3/18.4
D350	1790002160	S.VAR TPD1E10B06DPYR	T	77.3/18.4
D351	1750001810	S.DIO L1SS400T1G	T	108.5/103.0
D352	1790002160	S.VAR TPD1E10B06DPYR	T	106.7/43.1
D353	1790002160	S.VAR TPD1E10B06DPYR	T	106.9/41.0
D354	1790002160	S.VAR TPD1E10B06DPYR	T	109.2/41.0
D355	1790002160	S.VAR TPD1E10B06DPYR	T	109.1/42.8
D356	1790002160	S.VAR TPD1E10B06DPYR	T	111.4/41.6
D357	1790002160	S.VAR TPD1E10B06DPYR	T	111.0/43.4
FI100	2020002520	S.CER LTWC450H	T	52.8/57.6
FI101	2020002480	S.CER LTWC450E1	T	54.9/66.8
FI104	2030000870	S.MON XDCAB 46.350 MHz (FL-442)	T	38.2/75.6
X3	6050013981	S.XTA CR-997A DSA221SDN 12.288 MHz	B	111.9/32.8
X101	6070000300	S.DIS JTBM450CX24	T	67.8/72.3
X201	6050013930	S.XTA CR-993 NT3225SA 15.3 MHz	B	27.4/32.5
X300	6050014200	S.XTA CR-1021 S3225A 12.288 MHz	B	130.8/51.3
L3	6200011730	S.COI LQW18AN10NG00D(650MA)	T	8.2/91.0
L9	6200011670	S.COI LQW18AN82NG00D	T	39.2/97.4
L11	6200010700	S.COI LQW18AN12NG00D	T	10.7/96.5
L15	6200011590	S.COI LQW18AN39NG00D	T	10.0/99.8
L17	6200011770	S.COI LQW18ANR10G00D	T	48.8/93.8
L22	6200013010	S.COI 0.30-0.9-5TL 10.3N	T	11.0/108.7
L23	6200011670	S.COI LQW18AN82NG00D	T	51.9/99.1
L27	6200012520	S.COI 0.26-1.0-5TL 12N	T	8.4/115.2
L32	6200009290	S.COI LQW18AN47NG00D (LQW1608A47NG00)	T	53.1/107.2
L33	6200009290	S.COI LQW18AN47NG00D (LQW1608A47NG00)	T	51.1/108.0
L49	6200015410	S.COI MLK1005SR33JT	B	32.2/46.6
L50	6200013780	S.COI MLK1005S56NJT	B	69.1/50.0
L51	6200013780	S.COI MLK1005S56NJT	B	68.4/48.5
L52	6200013800	S.COI MLK1005S39NJT	B	26.1/47.8
L53	6200013840	S.COI MLK1005S18NJT	B	72.7/47.2
L54	6200013780	S.COI MLK1005S56NJT	B	83.3/58.4
L55	6200013790	S.COI MLK1005S47NJT	B	74.0/49.7
L57	6200013810	S.COI MLK1005S33NJT	B	31.7/51.6
L58	6200013840	S.COI MLK1005S18NJT	B	34.1/52.8
L60	6200013800	S.COI MLK1005S39NJT	B	80.5/55.1
L62	6200013840	S.COI MLK1005S18NJT	B	37.3/52.5
L64	6200013820	S.COI MLK1005S27NJT	B	36.8/55.2
L65	6200013840	S.COI MLK1005S18NJT	B	38.7/58.4
L67	6200010060	S.COI AS080647-56N	B	84.5/104.3
L68	6200010060	S.COI AS080647-56N	B	81.8/113.1
L69	6200010150	S.COI AS080340-15N	B	38.7/100.4
L73	6200010160	S.COI AS080440-22N	B	39.0/108.0
L76	6200010420	S.COI FHW1210HC 1R0JGT	B	80.0/126.6
L79	6200010060	S.COI AS080647-56N	B	62.4/126.6
L80	6200010060	S.COI AS080647-56N	B</	

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REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
L110	6200010010	S.COI C2012C-39NG-A	T	33.1/111.2
L111	6200012980	S.COI 0.40-1.4-5TR 18.3N	T	31.1/108.5
L112	6200012660	S.COI 0.30-1.0-4TR 9.1N	T	33.8/106.1
L113	6200009220	S.COI LQW18AN15NG00D	T	27.9/104.6
L114	6200009070	S.COI LQW1608A15NG00D	T	23.4/102.6
L115	6200011780	S.COI LQW18ANR18G00D	T	24.0/99.7
L116	6200010850	S.COI LQW18AN22NG00D	T	24.8/97.8
L117	6200013830	S.COI MLK1005S22NJ	T	22.2/93.5
L118	6200013790	S.COI MLK1005S47NJ	T	23.9/92.0
L124	6200013840	S.COI MLK1005S18NJ	B	26.1/46.8
L200	6200005140	S.COI MLF1608D R33K-T	B	42.5/77.1
L205	6200011090	S.COI C2012C-R56J-A	T	25.4/82.3
L209	6200013780	S.COI MLK1005S56NJ	T	27.7/74.2
L251	6200014260	S.COI LQM2MPN2R2NG0L	T	88.8/28.3
L324	6200004480	S.COI MLF1608D R82K-T	B	30.7/34.7
L325	6200003540	S.COI MLF1608D R22K-T	B	33.5/35.2
L326	6200011860	S.COI LQW18ANR47G00D	T	50.6/36.3
L327	6200011860	S.COI LQW18ANR47G00D	T	47.7/33.3
L328	6200013460	S.COI C2012H-10NH-R-0231	T	49.5/39.9
L329	6200015290	S.COI C2012H-5N6D-R-0231	T	52.8/39.6
L330	6200015250	S.COI C2012H-27NH-R-0231	T	44.1/35.1
L331	6200015250	S.COI C2012H-27NH-R-0231	T	44.5/37.7
L333	6200013750	S.COI MLK1005SR10JT	T	37.4/39.1
L334	6200013800	S.COI MLK1005S39NJ	T	43.4/46.5
L335	6200014760	S.COI MLK1005SR22JT	T	38.7/45.1
L336	6200015410	S.COI MLK1005SR33JT	T	18.4/60.1
L337	6200013820	S.COI MLK1005S27NJ	T	18.0/65.5
L338	6200013760	S.COI MLK1005S82NJ	T	26.3/63.9
L339	6200013780	S.COI MLK1005S56NJ	T	26.3/65.7
L343	6200013830	S.COI MLK1005S22NJ	T	18.3/63.8
L344	6200013820	S.COI MLK1005S27NJ	T	18.0/67.1
L350	6200013810	S.COI MLK1005S33NJ	T	20.3/66.5
L353	6200013840	S.COI MLK1005S18NJ	T	42.0/47.1
L400	6200014270	S.COI LQM2HPN2R2MJO	B	123.4/88.5
L401	6200014470	S.COI LQH44PN100MPOL	B	125.5/79.4
L402	6200014270	S.COI LQM2HPN2R2MJO	B	118.8/75.7
L500	6200009290	S.COI LQW18AN47NG00D	T	15.1/116.1
L501	6200010210	S.COI C2012C-22NG-A	T	23.4/113.7
L502	6200010020	S.COI C2012C-12NG-A	T	23.8/112.0
L510	6200013650	S.COI LQW18ANR27G00D	T	56.1/113.7
L511	6200010350	S.COI C2012C-R27G-A	T	58.4/120.0
L512	6200009890	S.COI C2012C-82NG-A	T	61.0/121.4
R12	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	10.3/89.6
R13	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	10.0/93.5
R15	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	8.2/94.4
R20	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	37.6/99.1
R21	7030008280	S.RES ERJ2GEJ 271 X (270)	T	7.9/98.8
R23	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	41.3/94.8
R27	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	42.9/94.6
R29	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	45.9/94.6
R31	7030004980	S.RES ERJ2GEJ 101 X (100)	T	8.9/102.1
R33	7030005080	S.RES ERJ2GEJ 823 X (82K)	T	9.1/104.3
R35	7030005530	S.RES ERJ2GEJ 100 X (10)	T	10.3/104.9
R37	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	12.7/103.8
R39	7030007270	S.RES ERJ2GEJ 151 X (150)	T	47.6/94.1
R41	7030010040	S.RES ERJ2GEJ-JPW	T	19.8/115.6
R43	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	12.4/105.9
R45	7030008280	S.RES ERJ2GEJ 271 X (270)	T	47.9/92.0
R47	7030005070	S.RES ERJ2GEJ 683 X (68K)	T	9.1/105.4
R49	7030004980	S.RES ERJ2GEJ 101 X (100)	T	51.1/95.2
R51	7030005080	S.RES ERJ2GEJ 823 X (82K)	T	49.0/98.7
R52	7030005290	S.RES ERJ2GEJ 682 X (6.8K)	T	46.6/97.1
R53	7030005530	S.RES ERJ2GEJ 100 X (10)	T	47.8/98.7
R55	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	50.3/99.5
R56	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	29.5/110.7
R57	7030010040	S.RES ERJ2GEJ-JPW	T	63.1/114.1
R59	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	47.8/100.3
R61	7030005070	S.RES ERJ2GEJ 683 X (68K)	T	46.4/99.1
R65	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	9.9/111.4
R67	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	10.0/112.3
R69	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	50.9/103.0
R72	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	32.3/113.0
R73	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	50.9/103.9
R75	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	55.7/95.5
R77	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	T	26.6/114.2
R78	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	T	67.4/116.6
R81	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	24.7/103.8
R82	7030004990	S.RES ERJ2GEJ 221 X (220)	T	27.4/101.9
R83	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	26.1/95.5
R84	7030004990	S.RES ERJ2GEJ 221 X (220)	T	26.6/93.2
R85	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	22.2/92.6
R86	7030005530	S.RES ERJ2GEJ 100 X (10)	T	22.3/100.6
R87	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	34.1/109.0
R89	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	19.3/92.3
R98	7030005720	S.RES ERJ2GEJ 563 X (56K)	T	23.0/103.8
R99	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	19.2/89.9
R101	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	79.1/40.0
R102	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	73.3/37.7
R103	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	76.1/42.2
R104	7030005310	S.RES ERJ2GEJ 124 X (120K)	T	74.8/44.1
R105	7030005080	S.RES ERJ2GEJ 823 X (82K)	T	75.3/45.3
R106	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	79.4/37.7
R107	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	T	79.2/42.5
R113	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	28.0/109.6
R119	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	70.2/42.8
R120	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	70.2/41.2
R124	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	77.3/40.0
R126	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	74.9/37.7

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REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R128	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	100.0/120.9
R129	7030011740	S.RES ERJ12YJ1R5U	T	97.8/115.2
R130	7030004980	S.RES ERJ2GEJ 101 X (100)	T	71.1/42.8
R131	7030004980	S.RES ERJ2GEJ 101 X (100)	T	88.6/47.1
R132	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	87.5/57.6
R133	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	99.8/124.0
R134	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	86.6/57.6
R135	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	100.9/120.9
R136	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	97.9/124.0
R137	7030004980	S.RES ERJ2GEJ 101 X (100)	B	35.5/48.7
R138	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	33.6/48.3
R140	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	43.7/57.9
R141	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	77.5/43.0
R142	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	42.8/57.9
R145	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	T	80.3/37.7
R146	7030007270	S.RES ERJ2GEJ 151 X (150)	B	69.7/46.4
R147	7030009200	S.RES ERJ2GEJ 390 X (39)	B	70.2/48.5
R149	7030004980	S.RES ERJ2GEJ 101 X (100)	B	25.3/45.2
R150	7030005240	S.RES ERJ2GEJ 472 X (4.7K)	B	26.2/44.2
R151	7030007270	S.RES ERJ2GEJ 151 X (150)	B	70.6/47.2
R152	7030007570	S.RES ERJ2GEJ 122 X (1.2K)	T	99.2/33.6
R153	7030010040	S.RES ERJ2GEJ-JPW	T	20.7/37.7
R154	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	30.6/105.5
R155	7030007280	S.RES ERJ2GEJ 331 X (330)	B	25.9/48.8
R156	7030005300	S.RES ERJ2GEJ 150 X (15)	B	27.5/48.7
R158	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	73.1/48.4
R159	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	77.9/48.0
R160	7030004990	S.RES ERJ2GEJ 221 X (220)	B	71.9/49.5
R162	7030007280	S.RES ERJ2GEJ 331 X (330)	B	27.5/49.6
R163	7030004990	S.RES ERJ2GEJ 221 X (220)	B	71.9/50.4
R164	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	B	29.6/50.0
R165	7030005010	S.RES ERJ2GEJ 681 X (680)	B	27.5/50.5
R166	7030004990	S.RES ERJ2GEJ 221 X (220)	T	21.8/94.4
R168	7030005590	S.RES ERJ2GEJ 680 X (68)	B	79.8/52.6
R169	7410001140	S.ARR EXB28V104JX	B	93.2/19.8
R170	7030004990	S.RES ERJ2GEJ 221 X (220)	B	32.2/52.8
R171	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	99.8/27.0
R172	7030005300	S.RES ERJ2GEJ 150 X (15)	B	78.3/54.4
R173	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	B	80.5/53.9
R174	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	81.0/52.1
R175	7030007250	S.RES ERJ2GEJ 220 X (22)	B	35.9/52.1
R176	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	104.2/24.1
R177	7030010090	S.RES ERJ2GEJ 180 X (18)	B	80.5/56.9
R178	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	105.8/24.9
R180	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	105.3/32.1
R182	7030005310	S.RES ERJ2GEJ 124 X (120K)	T	23.0/95.8
R183	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	36.8/54.3
R184	7030005010	S.RES ERJ2GEJ 681 X (680)	B	37.7/51.0
R185	7030004990	S.RES ERJ2GEJ 221 X (220)	B	82.1/59.6
R186	7030007250	S.RES ERJ2GEJ 220 X (22)	B	81.7/58.4
R187	7030007260	S.RES ERJ2GEJ 330 X (33)	B	35.2/55.2
R188	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	104.2/26.7
R189	7030004990	S.RES ERJ2GEJ 221 X (220)	B	81.2/59.6
R190	7030005720	S.RES ERJ2GEJ 563 X (56K)	T	15.3/34.1
R191	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	19.1/38.7
R192	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	28.2/99.5
R193	7030005000	S.RES ERJ2GEJ 471 X (470)	B	112.2/25.1
R194	7030008280	S.RES ERJ2GEJ 271 X (270)	B	37.5/59.6
R195	7030010090	S.RES ERJ2GEJ 180 X (18)	B	37.1/58.4
R196	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	112.4/28.0
R197	7030008280	S.RES ERJ2GEJ 271 X (270)	B	36.6/59.6
R198	7030010040	S.RES ERJ2GEJ-JPW	T	22.2/91.7
R199	7030004990	S.RES ERJ2GEJ 221 X (220)	T	23.9/101.5
R200	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	112.4/30.8
R202	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	83.7/78.5
R203	7030010040	S.RES ERJ2GEJ-JPW	B	83.3/77.3
R204	7030004970	S.RES ERJ2GEJ 470 X (47)	B	110.3/30.5
R205	7030010040	S.RES ERJ2GEJ-JPW	T	24.3/90.8
R206	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	102.0/23.5
R207	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	107.7/17.4
R208	7410001140	S.ARR EXB28V104JX	B	93.2/24.8
R209	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	73.0/112.0
R210	7030010040	S.RES ERJ2GEJ-JPW	B	108.3/29.0
R211	7030004980	S.RES ERJ2GEJ 101 X (100)	B	84.6/76.8
R212	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	110.5/23.8
R213	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	109.9/29.0
R214	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	85.8/75.6
R215	7030007060	S.RES ERJ2GEJ 684X (680K)	B	84.2/75.6
R216	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	109.8/33.7
R217	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	82.7/62.1
R218	7030007280	S.RES ERJ2GEJ 331 X (330)	B	83.9/62.6
R219	7030010040	S.RES ERJ2GEJ-JPW	T	107.3/32.0
R220	7030010040	S.RES ERJ2GEJ-JPW	T	102.6/26.7
R221	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	110.5/18.1
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REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R247	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	83.1/65.3
R248	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	96.4/28.8
R249	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	B	84.0/64.4
R250	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	74.8/111.9
R251	7030005060	S.RES ERJ2GEJ 333 X (33K)	B	81.3/67.6
R252	7520000290	S.POS PRF18BE471QB5RB	T	75.7/127.8
R256	7030010010	S.RES ERJ2RKF 334 X (330K)	B	78.2/66.2
R257	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	7.6/120.1
R260	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	100.2/25.8
R261	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	98.3/23.1
R262	7030008370	S.RES ERJ2GEJ 561 X (560)	B	28.3/44.4
R264	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	34.4/46.7
R265	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	B	34.9/45.5
R266	7030005710	S.RES ERJ2GEJ 121 X (120)	B	35.1/47.8
R268	7030003860	S.RES ERJ3GE JPW V	T	53.1/99.1
R269	7030005710	S.RES ERJ2GEJ 121 X (120)	B	34.9/43.6
R270	7030010040	S.RES ERJ2GEJ-JPW	B	36.7/62.4
R271	7030010040	S.RES ERJ2GEJ-JPW	B	37.6/62.4
R276	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	92.9/32.6
R281	7030003860	S.RES ERJ3GE JPW V	B	93.1/28.3
R283	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	92.9/31.7
R284	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	80.8/49.1
R285	7030005060	S.RES ERJ2GEJ 333 X (33K)	T	80.8/47.5
R286	7030005170	S.RES ERJ2GEJ 474 X (470K)	T	82.4/44.7
R287	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	80.8/50.8
R288	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	80.8/52.4
R289	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	79.6/52.8
R290	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	87.4/49.2
R291	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	83.7/44.3
R292	7030004980	S.RES ERJ2GEJ 101 X (100)	T	97.3/32.0
R293	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	T	100.4/33.1
R294	7030004980	S.RES ERJ2GEJ 101 X (100)	T	75.7/46.6
R295	7030009290	S.RES ERJ2GEJ 562 X (5.6K)	T	91.7/32.1
R296	7030010040	S.RES ERJ2GEJ-JPW	T	99.7/32.0
R297	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	93.7/34.8
R298	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	105.3/30.2
R301	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	14.3/20.9
R302	7030005000	S.RES ERJ2GEJ 471 X (470)	T	31.5/17.6
R303	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	12.8/23.5
R304	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	41.3/16.0
R305	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	T	32.9/16.3
R306	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	10.8/20.2
R307	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	9.9/20.2
R308	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	12.8/24.4
R309	7030007280	S.RES ERJ2GEJ 331 X (330)	T	40.9/17.6
R311	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	19.7/30.0
R312	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	10.1/32.0
R313	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	8.5/33.5
R317	7030010010	S.RES ERJ2RKF 334 X (330K)	T	20.7/30.0
R319	7030012270	S.RES ERJ2RKF 1203X (120K)	T	21.1/28.8
R320	7030005950	S.RES RR0510P-123-D (12K)	T	21.6/30.0
R321	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	26.8/22.3
R322	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	10.1/30.0
R324	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	9.2/30.0
R325	7030005060	S.RES ERJ2GEJ 333 X (33K)	T	39.6/18.0
R326	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	43.5/15.6
R327	7030005170	S.RES ERJ2GEJ 474 X (470K)	T	21.8/27.4
R328	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	32.0/16.3
R330	7030010040	S.RES ERJ2GEJ-JPW	T	15.5/8.9
R331	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	22.1/38.9
R332	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	20.7/38.7
R333	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	19.1/39.7
R334	7030005310	S.RES ERJ2GEJ 124 X (120K)	T	17.9/35.5
R335	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	8.5/37.0
R336	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	95.5/28.8
R337	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	103.1/28.8
R338	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	96.2/20.3
R339	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	107.7/23.5
R340	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	107.7/24.4
R341	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	105.8/25.8
R342	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	105.6/23.7
R343	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	19.2/20.0
R344	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	17.5/20.0
R345	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	99.1/28.8
R346	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	102.2/28.8
R347	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	99.2/23.1
R348	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	26.8/23.8
R349	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	98.2/28.8
R350	7030004980	S.RES ERJ2GEJ 101 X (100)	B	107.4/25.6
R351	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	97.3/28.8
R352	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	97.9/25.8
R353	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	96.9/21.7
R354	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	93.3/17.8
R355	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	105.8/26.7
R358	7030000100	S.RES MCR10EZJH 4.7 (4R7)	B	131.6/119.0
R359	7030003860	S.RES ERJ3GE JPW V	T	131.7/119.2
R360	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	104.0/14.3
R361	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	107.7/19.5
R362	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	105.1/20.3
R363	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	105.1/22.5
R364	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	103.5/20.1
R365	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	98.8/19.1
R366	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	98.8/18.2
R367	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	102.2/14.3
R368	7410001140	S.ARR EXB28V104JX	B	105.8/14.4
R369	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	99.8/16.6
R370	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	100.7/16.6
R371	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	100.4/20.1
R372	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	126.9/22.8
R373	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	125.9/22.8
R374	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	125.0/22.8
R376	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	128.0/95.4
R377	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	124.9/95.2
R378	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	111.4/18.1

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

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REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R379	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	97.5/18.3
R380	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	101.9/81.7
R381	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	96.6/18.3
R382	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	106.3/81.0
R383	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	122.8/94.8
R384	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	98.8/20.0
R385	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	104.8/84.3
R389	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	124.6/97.8
R396	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	100.7/82.2
R401	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	96.0/45.9
R402	7030010040	S.RES ERJ2GEJ-JPW	T	95.1/44.7
R403	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	91.3/72.5
R404	7030010620	S.RES ERJ12YJ180U (18)	T	92.2/38.1
R405	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	90.1/72.9
R407	7030005230	S.RES ERJ2GEJ 334 X (330K)	T	89.7/77.7
R409	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	89.7/77.8
R410	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	33.7/20.0
R411	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	90.6/77.7
R412	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	90.6/75.9
R413	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	31.9/25.4
R414	7030004980	S.RES ERJ2GEJ 101 X (100)	T	65.2/26.6
R416	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	93.7/78.9
R417	7030005110	S.RES ERJ2GEJ 224 X (220K)	T	85.9/78.2
R418	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	86.8/72.8
R419	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	71.7/26.8
R423	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	83.4/74.1
R426	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	74.8/24.8
R427	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	93.7/78.9
R428	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	94.6/77.8
R429	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	84.7/72.9
R431	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	T	82.5/74.1
R433	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	64.6/33.8
R435	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	80.7/72.8
R437	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	32.4/19.5
R438	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	30.8/19.9
R439	7030010040	S.RES ERJ2GEJ-JPW	T	89.7/81.8
R440	7030010040	S.RES ERJ2GEJ-JPW	T	71.4/31.4
R443	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	63.4/20.0
R444	7030010040	S.RES ERJ2GEJ-JPW	T	57.6/26.7
R445	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	86.8/37.8
R446	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	71.0/34.8
R447	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	81.6/76.0
R449	7030005000	S.RES ERJ2GEJ 471 X (470)	T	83.0/78.3
R451	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	47.3/20.2
R452	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	46.4/20.2
R453	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	55.7/24.8
R454	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	48.5/26.0
R455	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	55.7/26.0
R456	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	77.1/71.0
R457	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	80.3/78.2
R458	7030005060	S.RES ERJ2GEJ 333 X (33K)	T	77.9/52.8
R459	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	15.7/22.3
R461	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	34.9/19.6
R463	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	77.9/76.8
R465	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	76.5/76.4
R467	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	65.3/60.3
R469	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	86.4/66.1
R471	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	61.5/61.3
R473	7030005700	S.RES ERJ2GEJ 274 X (270K)	T	85.6/70.2
R474	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	86.7/68.2
R477	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	16.1/21.1
R479	7030007280	S.RES ERJ2GEJ 331 X (330)	T	86.7/67.3
R481	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	63.0/57.1
R482	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	59.5/58.9
R485	7030005060	S.RES ERJ2GEJ 333 X (33K)	T	83.1/70.2
R487	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	84.0/66.3
R489	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	T	83.1/65.3
R491	7030005070	S.RES ERJ2GEJ 683 X (68K)	T	82.0/68.0
R493	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	T	46.6/62.3
R494	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	T	48.0/65.2
R497	7030005070	S.RES ERJ2GEJ 683 X (68K)	T	80.7/69.4
R498	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	78.8/74.3
R501	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	47.7/69.6
R503	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	77.5/73.9
R504	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	68.8/12.1
R505	7030005070	S.RES ERJ2GEJ 683 X (68		

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REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R567	7030005530	S.RES ERJ2GEJ 100 X (10)	B	38.6/73.2
R569	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	64.9/86.3
R573	7030005100	S.RES ERJ2GEJ 154 X (150K)	B	43.5/74.8
R575	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	43.5/73.9
R577	7030008370	S.RES ERJ2GEJ 561 X (560)	T	41.8/72.1
R579	7030004980	S.RES ERJ2GEJ 101 X (100)	T	33.3/77.3
R582	7030007280	S.RES ERJ2GEJ 331 X (330)	T	24.0/84.1
R583	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	28.4/81.7
R584	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	28.8/76.7
R585	7030005070	S.RES ERJ2GEJ 683 X (68K)	T	28.4/80.8
R586	7030005080	S.RES ERJ2GEJ 823 X (82K)	T	27.6/77.3
R588	7030007270	S.RES ERJ2GEJ 151 X (150)	T	25.3/77.1
R589	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	T	25.4/79.7
R590	7030007280	S.RES ERJ2GEJ 331 X (330)	T	12.3/115.4
R592	7030009160	S.RES ERJ2GEJ 181 X (180)	T	19.4/114.2
R593	7030007270	S.RES ERJ2GEJ 151 X (150)	T	15.1/118.4
R594	7030005530	S.RES ERJ2GEJ 100 X (10)	T	18.4/118.0
R595	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	18.9/115.6
R596	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	17.9/119.2
R597	7030005080	S.RES ERJ2GEJ 823 X (82K)	T	17.8/114.5
R598	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	19.7/117.3
R599	7030010040	S.RES ERJ2GEJ-JPW	T	26.6/110.8
R603	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	15.6/18.7
R604	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	14.3/21.8
R605	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	121.6/95.2
R607	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	43.0/25.1
R608	7030005070	S.RES ERJ2GEJ 683 X (68K)	T	44.3/25.6
R609	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	37.5/22.9
R610	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	40.7/24.7
R613	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	46.0/25.6
R614	7030005100	S.RES ERJ2GEJ 154 X (150K)	T	40.7/25.6
R615	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	64.8/24.5
R616	7030004980	S.RES ERJ2GEJ 101 X (100)	T	56.1/23.9
R627	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	T	53.6/23.6
R628	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	34.9/20.5
R632	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	53.2/21.4
R644	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	52.7/20.2
R645	7030007350	S.RES ERJ2GEJ 393 X (39K)	T	51.0/20.2
R647	7030010040	S.RES ERJ2GEJ-JPW	T	54.8/110.5
R648	7030004980	S.RES ERJ2GEJ 101 X (100)	T	54.4/113.2
R649	7030005010	S.RES ERJ2GEJ 681 X (680)	T	56.1/114.8
R660	7030010040	S.RES ERJ2GEJ-JPW	T	46.8/22.3
R672	7030005530	S.RES ERJ2GEJ 100 X (10)	T	58.7/116.4
R673	7030005220	S.RES ERJ2GEJ 223 X (22K)	T	60.8/116.6
R674	7030005720	S.RES ERJ2GEJ 563 X (56K)	T	60.8/115.7
R675	7030005720	S.RES ERJ2GEJ 563 X (56K)	T	60.8/117.7
R676	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	58.0/118.4
R677	7030004990	S.RES ERJ2GEJ 221 X (220)	T	57.0/112.4
R680	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	35.7/18.1
R681	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	125.5/97.8
R684	7030005710	S.RES ERJ2GEJ 121 X (120)	T	83.4/72.4
R703	7410001250	S.ARR EXB28V472JX	T	118.9/34.9
R771	7030009150	S.RES ERJ2GEJ 824 X (820K)	B	24.1/33.8
R772	7030005000	S.RES ERJ2GEJ 471 X (470)	T	35.7/22.9
R774	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	34.6/22.6
R782	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	23.6/32.5
R783	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	25.0/32.1
R784	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	35.9/26.1
R785	7030005530	S.RES ERJ2GEJ 100 X (10)	B	34.3/36.6
R786	7030007060	S.RES ERJ2GEJ 684X (680K)	B	34.9/33.1
R787	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	31.2/29.2
R788	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	34.3/26.9
R789	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	57.7/28.3
R790	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	57.0/29.8
R791	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	55.6/27.8
R792	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	52.9/29.6
R793	7030004980	S.RES ERJ2GEJ 101 X (100)	B	43.0/27.3
R794	7030007250	S.RES ERJ2GEJ 220 X (22)	B	41.7/32.8
R795	7030010040	S.RES ERJ2GEJ-JPW	B	42.5/29.5
R796	7030010040	S.RES ERJ2GEJ-JPW	B	46.1/32.2
R797	7030010040	S.RES ERJ2GEJ-JPW	B	45.4/31.0
R798	7030005580	S.RES ERJ2GEJ 560 X (56)	B	40.5/34.8
R799	7030009280	S.RES ERJ2GEJ 391 X	B	49.4/31.6
R800	7030010040	S.RES ERJ2GEJ-JPW	B	56.4/37.6
R801	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	50.9/34.1
R802	7030009270	S.RES ERJ2GEJ 821 X (820)	B	50.8/30.0
R803	7030010040	S.RES ERJ2GEJ-JPW	B	31.8/42.6
R805	7030008370	S.RES ERJ2GEJ 561 X (560)	B	50.8/31.6
R806	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	50.6/36.0
R810	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	48.2/44.1
R811	7030007320	S.RES ERJ2GEJ 225 X (2.2M)	T	47.4/35.1
R812	7030007320	S.RES ERJ2GEJ 225 X (2.2M)	T	48.0/30.6
R813	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	48.5/36.3
R814	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	44.7/30.9
R815	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	51.7/44.2
R816	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	45.0/42.0
R817	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	50.1/44.2
R818	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	43.4/42.0
R819	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	50.7/41.8
R820	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	43.5/39.6
R821	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	51.2/41.1
R822	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	51.2/39.5
R823	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	50.3/41.1
R824	7030005820	S.RES RR0510P-103-D (10K)	T	48.1/44.2
R825	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	50.3/39.5
R826	7030005820	S.RES RR0510P-103-D (10K)	T	41.3/34.8
R827	7030005820	S.RES RR0510P-103-D (10K)	T	48.3/46.7
R828	7030005820	S.RES RR0510P-103-D (10K)	T	40.8/36.1
R829	7030004970	S.RES ERJ2GEJ 470 X (47)	T	51.4/47.2
R830	7030008280	S.RES ERJ2GEJ 271 X (270)	T	51.9/46.3
R831	7030004970	S.RES ERJ2GEJ 470 X (47)	T	40.4/34.8
R832	7030009270	S.RES ERJ2GEJ 821 X (820)	T	42.3/39.5
R833	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	45.2/45.5
R834	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	46.5/47.5

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

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R835	7030005000	S.RES ERJ2GEJ 471 X (470)	T	38.1/37.7
R836	7030005050	S.RES ERJ2GEJ 202 X (10K)	T	39.0/43.7
R837	7030007290	S.RES ERJ2GEJ 123 X (2.2K)	T	40.4/41.9
R838	7030005000	S.RES ERJ2GEJ 471 X (470)	T	42.8/45.3
R839	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	38.1/40.3
R840	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	38.1/43.7
R841	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	36.5/42.2
R842	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	37.4/46.4
R843	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	42.0/46.2
R844	7030009160	S.RES ERJ2GEJ 181 X (180)	T	36.2/45.9
R845	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	36.0/48.1
R846	7030005530	S.RES ERJ2GEJ 100 X (10)	T	19.2/67.5
R851	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	28.4/75.4
R852	7030008370	S.RES ERJ2GEJ 561 X (560)	T	20.6/61.9
R853	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	19.5/64.2
R854	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	26.3/61.5
R855	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	54.4/44.3
R856	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	49.2/37.9
R857	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	55.2/37.1
R858	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	49.2/31.6
R859	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	23.2/33.8
R860	7030007290	S.RES ERJ2GEJ 122 X (2.2K)	T	24.9/73.8
R861	7030010040	S.RES ERJ2GEJ-JPW	T	37.0/33.5
R862	7030007290	S.RES ERJ2GEJ 122 X (2.2K)	T	19.3/75.1
R863	7030010040	S.RES ERJ2GEJ-JPW	T	52.6/43.3
R864	7410001140	S.ARR EXB28V104JX	T	121.1/32.5
R866	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	35.1/28.1
R867	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	42.5/30.8
R868	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	20.8/35.9
R869	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	20.8/35.9
R870	7030007320	S.RES ERJ2GEJ 225 X (2.2M)	B	22.4/39.9
R871	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	19.7/57.1
R872	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	T	19.7/56.2
R873	7030005710	S.RES ERJ2GEJ 121 X (120)	T	23.9/57.4
R875	7030005710	S.RES ERJ2GEJ 121 X (120)	T	16.6/57.1
R886	7030010040	S.RES ERJ2GEJ-JPW	T	25.1/60.8
R888	7030010040	S.RES ERJ2GEJ-JPW	T	19.7/59.1
R910	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	64.5/10.8
R911	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	63.0/13.0
R915	7410001220	S.ARR EXB28V103JX	T	132.2/62.3
R917	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	60.2/41.2
R931	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	132.9/60.1
R932	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	82.8/34.8
R934	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	130.8/57.3
R943	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	129.4/53.9
R951	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	132.5/47.4
R952	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	118.6/12.5
R955	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	130.0/46.4
R959	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	114.4/11.0
R968	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	102.2/69.6
R969	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	100.4/69.6
R970	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	99.4/71.7
R991	7030005720	S.RES ERJ2GEJ 563 X (56K)	T	26.5/18.1
R992	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	24.7/15.5
R993	7410001340	S.ARR EXB28V473JX	T	124.3/12.2
R994	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	23.3/15.9
R996	7410001340	S.ARR EXB28V473JX	T	118.6/7.7
R997	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	26.2/19.8
R1000	7030005100	S.RES ERJ2GEJ 154 X (150K)	B	107.4/103.8
R1001	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	108.6/103.3
R1002	7030012690	S.RES ERJM1WSF3M0U	T	91.0/94.9
R1003	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	130.1/53.9
R1004	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	129.5/81.7
R1005	7030004980	S.RES ERJ2GEJ 101 X (100)	T	93.3/88.6
R1006	7030010040	S.RES ERJ2GEJ-JPW	B	109.5/101.6
R1008	7030014250	S.RES ERJ2RKF5603X (560K)	B	131.7/83.6
R1009	7030010020	S.RES ERJ2RKF 1503X (150K)	B	130.8/85.2
R1011	7030010040	S.RES ERJ2GEJ-JPW	T	124.8/74.9
R1013	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	132.5/67.8
R1014	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	120.5/78.4
R1015	7030005000	S.RES ERJ2GEJ 471 X (470)	T	119.3/78.0
R1016	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	130.3/65.5
R1017	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	132.4/64.1
R1019	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	T	91.9/103.0
R1020	7030005820	S.RES RR0510P-103-D (10K)	B	128.5/66.9
R1021	7030011880	S.RES RR0510P-103-D (18K)	B	127.3/66.4
R1022				

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R1102	7030004980	S.RES ERJ2GEJ 101 X (100)	B	102.6/52.8
R1103	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	118.8/63.5
R1105	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	132.5/67.6
R1106	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	132.5/65.6
R1112	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	81.5/23.2
R1114	7030004980	S.RES ERJ2GEJ 101 X (100)	B	125.6/66.2
R1116	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	79.6/34.5
R1117	7030010040	S.RES ERJ2GEJ-JPW	T	26.7/21.4
R1119	7030010040	S.RES ERJ2GEJ-JPW	B	131.3/53.9
R1120	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	61.8/10.8
R1121	7030003860	S.RES ERJ3GE JPW V	T	58.2/9.1
R1124	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	79.2/32.4
R1131	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	132.5/68.6
R1132	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	132.5/66.6
R1133	7030010040	S.RES ERJ2GEJ-JPW	B	107.4/67.5
R1134	7030010040	S.RES ERJ2GEJ-JPW	B	113.5/67.5
R1135	7030004980	S.RES ERJ2GEJ 101 X (100)	B	115.4/67.5
R1136	7030010040	S.RES ERJ2GEJ-JPW	T	116.9/61.7
R1137	7030010040	S.RES ERJ2GEJ-JPW	T	117.9/61.7
R1140	7030010040	S.RES ERJ2GEJ-JPW	B	102.8/66.5
R1141	7030010040	S.RES ERJ2GEJ-JPW	B	101.9/66.5
R1142	7030004980	S.RES ERJ2GEJ 101 X (100)	B	100.9/66.5
R1143	7030004980	S.RES ERJ2GEJ 101 X (100)	B	102.6/51.9
R1144	7030004980	S.RES ERJ2GEJ 101 X (100)	B	102.8/49.0
R1145	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	128.2/52.2
R1146	7030004980	S.RES ERJ2GEJ 101 X (100)	B	128.2/51.3
R1147	7030010040	S.RES ERJ2GEJ-JPW	T	113.8/48.2
R1148	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	126.6/42.1
R1149	7030004980	S.RES ERJ2GEJ 101 X (100)	B	126.6/43.1
R1150	7030004980	S.RES ERJ2GEJ 101 X (100)	B	126.6/44.0
R1155	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	132.1/52.5
R1156	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	123.4/28.4
R1157	7410001340	S.ARR EXB28V473JX	T	124.6/33.2
R1158	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	124.0/27.9
R1159	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	121.3/27.2
R1160	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	128.1/30.1
R1161	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	129.3/32.2
R1162	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	129.3/35.9
R1163	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	129.3/36.8
R1164	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	127.2/38.2
R1165	7410001340	S.ARR EXB28V473JX	B	122.0/40.2
R1166	7410001340	S.ARR EXB28V473JX	B	124.5/40.2
R1168	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	117.8/34.5
R1169	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	117.8/36.1
R1170	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	117.8/38.3
R1171	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	129.3/34.1
R1172	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	129.3/35.0
R1175	7030005060	S.RES ERJ2GEJ 333 X (33K)	T	87.6/43.0
R1176	7030008300	S.RES ERJ2GEJ 184 X (180K)	T	85.9/44.7
R1177	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	87.7/46.2
R1178	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	89.8/50.2
R1179	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	89.4/51.4
R1180	7030010040	S.RES ERJ2GEJ-JPW	T	87.8/54.5
R1181	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	90.9/60.9
R1183	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	84.6/44.3
R1184	7030010040	S.RES ERJ2GEJ-JPW	B	124.4/67.1
R1185	7030010040	S.RES ERJ2GEJ-JPW	B	108.8/68.4
R1186	7030009530	S.RES ERJ2GEJ 270 X (27)	B	106.0/42.6
R1187	7030009530	S.RES ERJ2GEJ 270 X (27)	B	107.5/40.7
R1188	7030009530	S.RES ERJ2GEJ 270 X (27)	B	109.1/40.7
R1189	7030009530	S.RES ERJ2GEJ 270 X (27)	B	109.1/42.6
R1190	7030009530	S.RES ERJ2GEJ 270 X (27)	B	110.7/40.7
R1191	7030009530	S.RES ERJ2GEJ 270 X (27)	B	111.4/42.6
R1192	7030010040	S.RES ERJ2GEJ-JPW	T	110.8/57.3
R1193	7030010040	S.RES ERJ2GEJ-JPW	T	109.9/57.3
C1	4030023090	S.CER 0402B102K500CT	B	38.6/66.1
C5	4030022770	S.CER 0402N270J500CT	B	42.8/66.1
C8	4030023090	S.CER 0402B102K500CT	B	34.1/70.1
C12	4030023090	S.CER 0402B102K500CT	B	44.5/68.7
C16	4030023090	S.CER 0402B102K500CT	B	37.0/70.1
C25	4030023090	S.CER 0402B102K500CT	B	37.1/71.8
C27	4030022680	S.CER 0402N150J500CT	T	10.8/90.8
C31	4030023090	S.CER 0402B102K500CT	T	7.9/89.0
C37	4030022940	S.CER 0402B104K100CT	T	7.7/93.5
C46	4030022680	S.CER 0402N150J500CT	T	37.6/98.2
C48	4030023090	S.CER 0402B102K500CT	T	7.3/100.0
C50	4030022940	S.CER 0402B104K100CT	T	7.5/96.2
C57	4030022640	S.CER 0402N101J500CT	T	40.0/95.7
C62	4030023090	S.CER 0402B102K500CT	T	8.3/100.0
C63	4030022590	S.CER 0402N8R0C500CT	T	10.9/98.4
C65	4030023090	S.CER 0402B102K500CT	T	22.8/105.1
C66	4030022570	S.CER 0402N6R0C500CT	T	8.9/101.2
C68	4030023090	S.CER 0402B102K500CT	T	65.2/90.9
C69	4030022620	S.CER 0402N0R5B500CT	T	41.9/97.5
C70	4030022810	S.CER 0402N330J500CT	T	41.9/96.2
C71	4030023090	S.CER 0402B102K500CT	T	58.4/99.9
C75	4030023090	S.CER 0402N180J500CT	T	8.9/103.0
C77	4030022640	S.CER 0402N101J500CT	T	43.9/94.6
C83	4030023090	S.CER 0402B102K500CT	T	47.2/92.9
C84	4030023090	S.CER 0402B102K500CT	T	46.3/95.8
C88	4030023090	S.CER 0402B102K500CT	T	50.2/95.2
C90	4030023090	S.CER 0402B102K500CT	T	7.9/104.2
C92	4030022940	S.CER 0402B104K100CT	T	55.7/90.7
C93	4030023090	S.CER 0402B102K500CT	T	7.7/106.1
C94	4030022570	S.CER 0402N6R0C500CT	T	11.2/105.9
C97	4030022720	S.CER 0402N1R5B500CT	T	10.8/107.1
C101	4030023090	S.CER 0402B102K500CT	T	46.9/100.3
C102	4030022750	S.CER 0402N221J500CT	B	93.7/35.7
C103	4030022630	S.CER 0402N100C500CT	T	50.6/98.3
C104	4030022750	S.CER 0402N221J500CT	B	105.3/29.3
C105	4030023090	S.CER 0402B102K500CT	T	49.6/92.1
C107	4030022750	S.CER 0402N221J500CT	B	105.3/35.7

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

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REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C108	4030022940	S.CER 0402B104K100CT	T	7.7/111.4
C109	4030022750	S.CER 0402N221J500CT	B	105.3/31.1
C110	4030022750	S.CER 0402N221J500CT	B	105.3/34.8
C111	4030022740	S.CER 0402N220J500CT	B	105.3/33.0
C113	4030023090	S.CER 0402B104K100CT	T	26.3/108.5
C116	4030022640	S.CER 0402N101J500CT	T	50.3/101.9
C122	4030022940	S.CER 0402B104K100CT	T	7.7/112.3
C125	4030024490	S.CER 0402NR75B500CT	T	53.1/103.4
C126	4030022810	S.CER 0402N330J500CT	T	52.2/103.4
C128	4030023030	S.CER 0402B103K250CT	B	93.1/29.4
C130	4030020450	S.CER C1005 JB 0J 475M-T	T	94.1/33.0
C132	4030022640	S.CER 0402N101J500CT	T	50.3/105.0
C134	4030022940	S.CER 0402B104K100CT	T	106.1/31.5
C135	4030022630	S.CER 0402N100C500CT	T	27.7/107.1
C137	4030022530	S.CER 0402N2R0B500CT	T	10.2/116.1
C138	4030022530	S.CER 0402N2R0B500CT	T	36.6/110.1
C139	4030022720	S.CER 0402N1R5B500CT	T	11.8/114.2
C140	4030022560	S.CER 0402N5R0B500CT	T	34.1/104.6
C141	4030022590	S.CER 0402N8R0C500CT	T	54.3/108.9
C142	4030023090	S.CER 0402B102K500CT	T	24.3/105.1
C143	4030019460	S.CER C1608 JB 0J 106M-T	B	93.9/15.1
C145	4030022940	S.CER 0402B104K100CT	B	107.7/20.4
C146	4030023030	S.CER 0402B103K250CT	T	98.2/27.0
C148	4030023030	S.CER 0402B103K250CT	T	105.8/27.6
C149	4030022940	S.CER 0402B104K100CT	T	55.7/92.5
C150	4030022940	S.CER 0402B104K100CT	T	105.8/19.4
C151	4030022940	S.CER 0402B104K100CT	B	91.3/31.7
C153	4030020000	S.CER C1005 JB 1A 105K-T	T	96.6/27.7
C155	4030020120	S.CER C1005 JB 0J 225M-T	T	101.5/31.6
C156	4030020000	S.CER C1005 JB 1A 105K-T	T	76.6/45.7
C157	4030023090	S.CER 0402B102K500CT	T	55.7/89.7
C158	4030022940	S.CER 0402B104K100CT	B	92.9/31.3
C162	4030022740	S.CER 0402N220J500CT	T	20.6/91.9
C163	4030022630	S.CER 0402N100C500CT	T	23.4/93.2
C164	4030023090	S.CER 0402B102K500CT	T	25.2/100.8
C165	4030024510	S.CER C1608 JB 1A 475K-T	B	93.9/33.1
C166	4030020000	S.CER C1005 JB 1A 105K-T	T	101.5/27.7
C167	4030020000	S.CER C1005 JB 1A 105K-T	T	97.4/23.1
C168	4030023090	S.CER 0402B102K500CT	T	29.4/99.1
C169	4030023090	S.CER 0402B102K500CT	T	18.6/93.7
C170	4030023030	S.CER 0402B103K250CT	B	92.5/35.2
C171	4030022940	S.CER 0402B104K100CT	B	92.9/33.4
C172	4030023030	S.CER 0402B103K250CT	T	106.3/22.2
C175	4030022630	S.CER 0402N100C500CT	B	107.1/29.4
C176	4030023090	S.CER 0402B102K500CT	B	108.1/35.1
C178	4030023090	S.CER 0402B102K500CT	B	111.2/30.5
C179	4030022560	S.CER 0402N5R0B500CT	B	110.5/24.7
C180	4030023030	S.CER 0402B103K250CT	B	109.0/31.0
C182	4030023090	S.CER 0402B102K500CT	T	20.9/93.1
C183	4030022940	S.CER 0402B104K100CT	B	111.5/29.0
C184	4030023090	S.CER 0402B102K500CT	T	26.6/94.1
C185	4030024510	S.CER C1608 JB 1A 475K-T	B	92.7/15.1
C186	4030023090	S.CER 0402B102K500CT	B	109.0/30.1
C187	4030023090	S.CER 0402B102K500CT	T	27.4/102.8
C188	4030022940	S.CER 0402B104K100CT	T	106.3/20.6
C189	4030022700	S.CER 0402N180J500CT	T	26.2/104.2
C190	4030022860	S.CER 0402N470J500CT	T	29.7/105.5
C191	4030022560	S.CER 0402N5R0B500CT	T	35.4/110.5
C192	4030022940	S.CER 0402B104K100CT	T	104.9/31.5
C193	4030022940	S.CER 0402B104K100CT	T	109.4/31.5
C194	4030023090	S.CER 0402B102K500CT	T	28.0/95.5
C195	4030022860	S.CER 0402N470J500CT	B	108.2/32.8
C196	4030022550	S.CER 0402N4R0B500CT	T	24.1/95.3
C197	4030023030	S.CER 0402B103K250CT	T	100.2/28.2
C198	4030022940	S.CER 0402B104K100CT	B	111.2/35.1
C199	4030022940	S.CER 0402B104K100CT	B	108.2/33.7
C200	4030022940	S.CER 0402B104K100CT	B	112.5/35.1
C201	4030022630	S.CER 0402N100C500CT	B	112.4/29.9
C202	4030022940	S.CER 0402B104K100CT	B	109.0/24.3
C203	4030022940	S.CER 0402B104K100CT	T	121.4/18.2
C204	4030022940	S.CER 0402B104K100CT	B	112.2/26.7
C205	4030022750	S.CER 0402N221J500CT	T	26.6/97.0
C206	4030023090	S.CER 0402B102K500CT	B	112.6/67.5
C207	4030022740	S.CER 0402N220J500CT	T	131.6/18.4
C208	4030023090	S.CER 0402B102K500CT	T	87.5/61.2
C209	4030023090	S.CER 0402B102K500CT	T	84.9/61.0
C210				

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C246	4030022940	S.CER 0402B104K100CT	T	130.2/22.0
C247	4030022750	S.CER 0402N221J500CT	T	122.6/19.7
C248	4030022750	S.CER 0402N221J500CT	T	122.6/21.0
C249	4030022750	S.CER 0402N221J500CT	T	26.9/100.8
C250	4030023090	S.CER 0402B102K500CT	B	31.5/54.1
C251	4030022540	S.CER 0402N3R0B500CT	B	33.2/52.8
C252	4030023090	S.CER 0402B102K500CT	B	80.5/56.0
C255	4030023090	S.CER 0402B102K500CT	T	31.5/105.5
C257	4030022540	S.CER 0402N3R0B500CT	B	35.5/53.3
C264	4030022530	S.CER 0402N2R0B500CT	B	36.8/51.3
C265	4030023090	S.CER 0402B102K500CT	B	78.3/56.0
C266	4030023090	S.CER 0402B102K500CT	B	79.3/56.0
C267	4030022810	S.CER 0402N330J500CT	B	84.9/58.4
C268	4030022630	S.CER 0402N100C500CT	B	83.9/59.6
C273	4030023090	S.CER 0402B102K500CT	B	36.4/56.4
C274	4030022760	S.CER 0402N240J500CT	B	83.0/59.6
C275	4030023090	S.CER 0402B102K500CT	B	36.1/46.0
C276	4030023090	S.CER 0402B102K500CT	B	34.0/45.5
C277	4030023090	S.CER 0402B102K500CT	B	37.5/47.3
C278	4030023090	S.CER 0402B102K500CT	B	30.4/45.5
C279	4030023090	S.CER 0402B102K500CT	B	34.0/43.6
C280	4030023090	S.CER 0402B102K500CT	B	33.6/55.2
C281	4030022570	S.CER 0402N6R0C500CT	B	40.3/58.4
C282	4030022540	S.CER 0402N3R0B500CT	B	39.3/59.6
C285	4050000280	S.FEE CTH30V222S15A-TM	B	83.1/89.4
C288	4030023090	S.CER 0402B102K500CT	T	83.8/92.8
C291	4030021210	S.CER GRM31A5C2J150JW01D	B	80.0/98.6
C293	4030023090	S.CER 0402B102K500CT	T	43.0/83.7
C296	4030023090	S.CER 0402B102K500CT	T	38.8/64.2
C297	4030020770	S.CER GRM31A5C2J330JW01D	B	80.8/105.3
C299	4030023090	S.CER 0402B102K500CT	B	36.6/64.0
C301	4030024580	S.CER GRM31A5C2J1R0CW01D	B	81.7/109.1
C302	4030021200	S.CER GRM31A5C2J120JW01D	B	76.8/109.1
C304	4030023090	S.CER 0402B102K500CT	B	77.5/110.9
C305	4050000280	S.FEE CTH30V222S15A-TM	T	40.4/88.9
C306	4030023090	S.CER 0402B102K500CT	B	82.8/78.5
C310	4030024640	S.CER GRM31A5C2J2R0CW01D	B	34.6/96.6
C311	4030020000	S.CER C1005 JB 1A 105K-T	B	102.5/75.6
C312	4030022940	S.CER 0402B104K100CT	B	101.6/75.6
C314	4030022940	S.CER 0402B104K100CT	B	103.4/75.6
C315	4030022940	S.CER 0402B104K100CT	B	104.5/70.0
C316	4030022940	S.CER 0402B104K100CT	T	120.1/13.6
C317	4030023090	S.CER 0402B102K500CT	B	74.2/111.8
C319	4030024640	S.CER GRM31A5C2J2R0CW01D	B	38.6/97.0
C320	4030019620	S.CER GRM188B31C225KE14D	B	85.7/78.0
C322	4030024580	S.CER GRM31A5C2J1R0CW01D	B	40.2/93.6
C323	4030021200	S.CER GRM31A5C2J120JW01D	B	36.8/92.0
C324	4030023090	S.CER 0402B102K500CT	B	84.6/78.5
C325	4030023090	S.CER 0402B102K500CT	B	40.4/90.3
C326	4030024580	S.CER GRM31A5C2J1R0CW01D	B	77.4/116.8
C329	4030024640	S.CER GRM31A5C2J2R0CW01D	B	38.8/104.0
C331	4030024580	S.CER GRM31A5C2J1R0CW01D	B	75.5/114.7
C332	4030021000	S.CER GRM31A5C2J100JW01D	B	70.6/114.7
C333	4030023090	S.CER 0402B102K500CT	B	81.8/62.1
C336	4030022980	S.CER 0402B473K100CT	B	84.2/74.7
C338	4030023090	S.CER 0402B102K500CT	B	72.1/113.2
C340	4030023090	S.CER 0402B102K500CT	B	38.2/87.7
C341	4030022940	S.CER 0402B104K100CT	B	81.3/75.2
C343	4030023090	S.CER 0402B102K500CT	B	84.1/117.8
C346	4030023090	S.CER 0402B102K500CT	B	81.3/74.3
C348	4030019620	S.CER GRM188B31C225KE14D	B	85.2/61.8
C350	4030024630	S.CER GRM31A5C2J1R5CW01D	B	35.6/108.2
C352	4030023090	S.CER 0402B102K500CT	B	82.9/127.4
C354	4030023090	S.CER 0402B102K500CT	B	80.8/76.4
C356	4030023090	S.CER 0402B102K500CT	B	86.3/62.1
C358	4030024580	S.CER GRM31A5C2J1R0CW01D	B	34.3/112.0
C359	4030021200	S.CER GRM31A5C2J120JW01D	B	30.9/113.5
C360	4030021230	S.CER GRM31B5C2J102JW01L	B	78.9/120.5
C363	4030024670	S.CER GRM31A5C2J9R0DW01D	B	77.4/123.9
C364	4030023090	S.CER 0402B102K500CT	B	71.0/109.5
C365	4030023090	S.CER 0402B102K500CT	B	29.4/112.1
C367	4030023090	S.CER 0402B102K500CT	B	81.3/72.5
C369	4030023090	S.CER 0402B102K500CT	B	43.7/99.3
C370	4030021230	S.CER GRM31B5C2J102JW01L	B	39.2/112.0
C371	4030021210	S.CER GRM31A5C2J150JW01D	B	71.0/126.9
C372	4030021230	S.CER GRM31B5C2J102JW01L	B	71.0/129.2
C373	4030023090	S.CER 0402B102K500CT	B	77.3/71.4
C376	4030023090	S.CER 0402B102K500CT	B	44.3/107.9
C377	4030023090	S.CER 0402B102K500CT	T	57.4/101.2
C378	4030021210	S.CER GRM31A5C2J150JW01D	B	66.4/127.6
C379	4030023090	S.CER 0402B102K500CT	B	25.6/111.6
C381	4030023670	S.CER 0603N330J500CT	B	67.0/119.1
C382	4030023090	S.CER 0402B102K500CT	B	77.3/70.5
C383	4030023090	S.CER 0402B102K500CT	B	42.2/81.4
C384	4030022980	S.CER 0402B473K100CT	B	84.7/66.2
C385	4030023090	S.CER 0402B102K500CT	B	83.1/66.2
C386	4030020760	S.CER GRM31A5C2J270JW01D	B	58.5/122.5
C387	4030024610	S.CER GRM31A5C2J5R0CW01D	B	38.7/115.6
C389	4030022940	S.CER 0402B104K100CT	B	82.4/64.4
C390	4030022770	S.CER 0402N270J500CT	T	42.8/100.4
C391	4030024610	S.CER GRM31A5C2J5R0CW01D	B	41.0/119.8
C392	4030020770	S.CER GRM31A5C2J330JW01D	B	32.5/121.1
C394	4030020760	S.CER GRM31A5C2J270JW01D	B	54.1/124.0
C395	4030024660	S.CER GRM31A5C2J8R0DW01D	B	41.0/124.7
C396	4030023390	S.CER 0603N7R0B500CT	B	31.0/118.5
C397	4030023090	S.CER 0402B102K500CT	T	74.8/112.8
C398	4030023090	S.CER 0402B102K500CT	B	86.3/65.3
C399	4030023030	S.CER 0402B103K250CT	B	85.8/74.7
C400	4030023090	S.CER 0402B102K500CT	B	81.7/66.4
C401	4030022680	S.CER 0402N150J500CT	T	71.7/120.9
C402	4030024620	S.CER GRM31A5C2J6R0DW01D	B	41.0/129.6
C405	4030022770	S.CER 0402N270J500CT	T	50.2/112.9
C406	4030022770	S.CER 0402N270J500CT	T	77.8/127.2
C407	4030023090	S.CER 0402B102K500CT	B	77.4/68.1

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REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C408	4030022580	S.CER 0402N7R0C500CT	B	76.2/57.4
C409	4030024590	S.CER GRM31A5C2J3R0CW01D	B	20.9/126.6
C411	4030023090	S.CER 0402B102K500CT	T	77.8/129.0
C413	4030022530	S.CER 0402N2R0B500CT	T	31.6/122.7
C414	4030023090	S.CER 0402B102K500CT	B	77.4/67.7
C416	4030023090	S.CER 0402B102K500CT	T	30.4/117.7
C417	4030023090	S.CER 0402B102K500CT	T	30.9/116.1
C418	4030020480	S.CER GQM2195C2E6R2BB12D	B	15.3/119.8
C419	4030023090	S.CER 0402B102K500CT	T	66.9/120.8
C420	4030023090	S.CER 0402B102K500CT	T	65.0/120.8
C421	4030023090	S.CER 0402B102K500CT	T	66.2/116.1
C422	4030023090	S.CER 0402B102K500CT	T	68.6/116.1
C423	4030023090	S.CER 0402B102K500CT	T	27.5/114.2
C424	4030023090	S.CER 0402B102K500CT	T	100.9/122.5
C425	4030023090	S.CER 0402B102K500CT	T	97.0/124.0
C426	4030023090	S.CER 0402B102K500CT	T	26.6/112.5
C428	4030024590	S.CER GRM31A5C2J3R0CW01D	B	20.9/124.5
C429	4030020770	S.CER GRM31A5C2J330JW01D	B	32.5/123.2
C430	4030024600	S.CER GRM31A5C2J4R0CW01D	B	43.1/119.8
C431	4030023090	S.CER 0402B102K500CT	B	43.2/60.6
C432	4030023090	S.CER 0402B102K500CT	T	26.4/90.4
C433	4030023090	S.CER 0402B102K500CT	T	55.2/97.8
C503	4030023090	S.CER 0402B102K500CT	T	14.7/17.1
C504	4030022940	S.CER 0402B102K500CT	T	32.8/25.4
C505	4030020000	S.CER C1005 JB 1A 105K-T	T	14.3/20.0
C506	4030023090	S.CER 0402B102K500CT	T	11.0/28.5
C507	4030023090	S.CER 0402B102K500CT	T	29.2/17.1
C508	4030023090	S.CER 0402B102K500CT	B	13.2/25.6
C509	4030023090	S.CER 0402B102K500CT	T	8.5/18.6
C510	4030019560	S.CER GRM21BB31C106KE15L	T	14.5/24.5
C511	4030023090	S.CER 0402B102K500CT	T	11.5/19.0
C513	4030022940	S.CER 0402B104K100CT	T	40.0/14.7
C514	4030023090	S.CER 0402B102K500CT	T	30.7/25.0
C516	4030023090	S.CER 0402B102K500CT	T	10.2/22.0
C517	4030024520	S.CER C1005 JB 1C 474K-T	T	42.1/17.1
C519	4030019560	S.CER GRM21BB31C106KE15L	T	51.5/22.3
C520	4030023030	S.CER 0402B103K250CT	T	49.8/23.5
C521	4030022960	S.CER 0402B333K100CT	T	53.6/22.7
C523	4030022940	S.CER 0402B104K100CT	T	42.1/18.1
C525	4030020000	S.CER C1005 JB 1A 105K-T	T	15.9/20.0
C526	4030023060	S.CER 0402B183K250CT	T	34.5/18.6
C528	4030023180	S.CER 0402B391K500CT	T	49.8/25.5
C529	4030022860	S.CER 0402N470J500CT	T	56.9/25.2
C530	4030023090	S.CER 0402B102K500CT	T	18.0/18.7
C531	4030020000	S.CER C1005 JB 1A 105K-T	T	48.2/20.2
C533	4030022940	S.CER 0402B104K100CT	T	60.1/21.6
C534	4030023090	S.CER 0402B102K500CT	T	22.0/20.1
C535	4030019560	S.CER GRM21BB31C106KE15L	T	64.0/35.2
C536	4030020000	S.CER C1005 JB 1A 105K-T	T	32.4/18.6
C537	4030020000	S.CER C1005 JB 1A 105K-T	T	30.8/18.6
C538	4030022940	S.CER 0402B104K100CT	T	21.0/20.1
C540	4030023000	S.CER 0402B683K100CT	T	54.3/20.2
C541	4030020000	S.CER C1005 JB 1A 105K-T	T	16.6/22.3
C542	4030024520	S.CER C1005 JB 1C 474K-T	T	42.6/15.7
C543	4030020000	S.CER C1005 JB 1A 105K-T	T	19.1/37.6
C544	4030020000	S.CER C1005 JB 1A 105K-T	T	17.9/37.2
C545	4030022940	S.CER 0402B104K100CT	T	21.2/40.1
C546	4030023210	S.CER 0402B472K500CT	T	20.3/40.1
C547	4030022920	S.CER 0402N820J500CT	T	17.9/39.1
C552	4030022940	S.CER 0402B104K100CT	T	8.5/36.1
C553	4030020000	S.CER C1005 JB 1A 105K-T	T	8.5/37.9
C554	4030022940	S.CER 0402B104K100CT	T	8.5/38.8
C556	4030022940	S.CER 0402B104K100CT	B	129.2/119.0
C557	4510008140	S.ELE 10 CE 470 BS	B	128.7/113.3
C558	4510008130	S.ELE 16 CE 220 BS	T	129.8/113.5
C560	4030022940	S.CER 0402B104K100CT	T	67.8/20.2
C566	4030020000	S.CER C1005 JB 1A 105K-T	T	102.8/80.1
C570	4030022940	S.CER 0402B104K100CT	T	104.8/79.6
C572	4030024500	S.CER C1005 JB 1C 224K-T	B	128.9/96.1
C579	4030023190	S.CER 0402B392K500CT	B	129.3/94.9
C585	4030024520	S.CER C1005 JB 1C 474K-T	B	124.0/95.2
C590	4030022940	S.CER 0402B104K100CT	B	

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C691	4030023030	S.CER 0402B103K250CT	T	59.5/57.2
C692	4030023070	S.CER 0402B223K250CT	T	85.2/65.8
C695	4030022940	S.CER 0402B104K100CT	T	62.1/57.1
C696	4030022940	S.CER 0402B104K100CT	T	59.5/61.5
C699	4030023120	S.CER 0402B182K500CT	T	82.0/67.1
C701	4030023030	S.CER 0402B103K250CT	T	81.4/70.6
C703	4030022960	S.CER 0402B333K100CT	T	82.0/68.9
C705	4030022940	S.CER 0402B104K100CT	T	46.2/60.3
C706	4030022940	S.CER 0402B104K100CT	T	48.0/66.1
C709	4030023160	S.CER 0402B331K500CT	T	78.9/71.9
C713	4030022940	S.CER 0402B104K100CT	T	71.9/81.2
C714	4030023030	S.CER 0402B103K250CT	T	47.8/62.7
C716	4030023250	S.CER 0402B682K500CT	T	79.8/69.4
C717	4030023170	S.CER 0402B332K500CT	T	77.5/74.8
C720	4030022940	S.CER 0402B104K100CT	T	61.5/64.9
C722	4030022940	S.CER 0402B104K100CT	T	49.7/71.9
C723	4030022940	S.CER 0402B104K100CT	T	62.4/64.9
C726	4030022940	S.CER 0402B104K100CT	T	59.5/74.9
C728	4030022940	S.CER 0402B104K100CT	T	59.4/73.8
C730	4030022860	S.CER 0402N470J500CT	T	60.0/72.5
C732	4030022940	S.CER 0402B104K100CT	T	62.4/74.1
C740	4030023090	S.CER 0402B102K500CT	T	58.5/85.1
C742	4030022940	S.CER 0402B104K100CT	T	64.0/67.9
C744	4030023030	S.CER 0402B103K250CT	T	62.8/78.7
C746	4030023090	S.CER 0402B102K500CT	T	50.9/81.2
C748	4030023090	S.CER 0402B102K500CT	T	61.6/79.1
C750	4030019560	S.CER GRM21BB31C106KE15L	T	66.9/68.0
C752	4030022940	S.CER 0402B104K100CT	T	64.4/66.7
C754	4030023090	S.CER 0402B102K500CT	T	59.0/79.1
C756	4030023170	S.CER 0402B332K500CT	T	62.0/77.0
C758	4030023030	S.CER 0402B103K250CT	T	54.7/83.3
C760	4030022960	S.CER 0402B333K100CT	T	60.2/76.1
C762	4030022670	S.CER 0402N121J500CT	T	58.7/81.2
C764	4550007260	S.TAN F931C475MAABMA	T	51.5/86.1
C766	4030019560	S.CER GRM21BB31C106KE15L	T	53.3/83.0
C768	4030022630	S.CER 0402N100C500CT	T	57.5/80.8
C770	4030022670	S.CER 0402N121J500CT	T	58.3/82.6
C772	4030022940	S.CER 0402B104K100CT	T	49.9/80.2
C774	4030023090	S.CER 0402B102K500CT	T	69.6/87.0
C776	4030023090	S.CER 0402B102K500CT	T	47.7/80.9
C778	4030023090	S.CER 0402B102K500CT	T	50.1/78.3
C780	4030023090	S.CER 0402B102K500CT	B	42.4/79.3
C782	4030023030	S.CER 0402B103K250CT	B	40.0/78.0
C784	4030023090	S.CER 0402B102K500CT	T	49.6/77.0
C785	4030020000	S.CER C1005 JB 1A 105K-T	T	66.9/87.7
C786	4030023030	S.CER 0402B103K250CT	T	64.8/83.8
C790	4030022810	S.CER 0402N330J500CT	B	41.4/76.8
C791	4030023030	S.CER 0402B103K250CT	B	39.6/73.2
C794	4030023030	S.CER 0402B103K250CT	T	61.2/86.2
C796	4030023030	S.CER 0402B103K250CT	T	43.1/72.6
C798	4030023090	S.CER 0402B102K500CT	B	43.1/72.7
C802	4030022570	S.CER 0402N6R0C500CT	T	36.5/72.1
C806	4030023090	S.CER 0402B102K500CT	T	33.8/78.6
C808	4030023090	S.CER 0402B102K500CT	T	24.2/80.1
C809	4030023030	S.CER 0402B103K250CT	T	49.4/79.2
C810	4030022700	S.CER 0402N180J500CT	T	25.4/80.6
C813	4030023090	S.CER 0402B102K500CT	T	26.2/77.1
C816	4030020000	S.CER C1005 JB 1A 105K-T	T	84.3/69.8
C817	4030022590	S.CER 0402N8R0C500CT	T	27.7/73.3
C818	4030022660	S.CER 0402N120J500CT	T	59.7/83.8
C819	4030022640	S.CER 0402N101J500CT	T	28.7/82.9
C830	4030023090	S.CER 0402B102K500CT	T	79.1/76.3
C831	4030023130	S.CER 0402B222K500CT	T	78.2/79.1
C855	4030023180	S.CER 0402B391K500CT	T	44.3/24.7
C856	4030023190	S.CER 0402B392K500CT	T	42.0/25.1
C857	4030022640	S.CER 0402N101J500CT	T	36.6/22.9
C860	4030023000	S.CER 0402B683K100CT	T	35.3/24.2
C861	4030023230	S.CER 0402B562K500CT	T	36.4/21.4
C862	4030022980	S.CER 0402B473K100CT	T	34.7/21.4
C863	4030023090	S.CER 0402B102K500CT	T	26.1/73.3
C864	4030023090	S.CER 0402B102K500CT	T	19.3/74.2
C866	4030022960	S.CER 0402B333K100CT	T	47.2/25.1
C876	4030020000	S.CER C1005 JB 1A 105K-T	T	36.3/19.7
C877	4030020000	S.CER C1005 JB 1A 105K-T	T	37.8/17.1
C878	4030023090	S.CER 0402B102K500CT	T	27.2/76.1
C883	4030019560	S.CER GRM21BB31C106KE15L	T	86.4/75.0
C886	4030023090	S.CER 0402B102K500CT	T	22.3/101.5
C892	4030023090	S.CER 0402B102K500CT	T	22.8/84.4
C894	4030023090	S.CER 0402B102K500CT	T	39.1/93.9
C895	4030023090	S.CER 0402B102K500CT	T	40.0/93.4
C897	4030023090	S.CER 0402B102K500CT	T	38.8/99.6
C898	4030023090	S.CER 0402B102K500CT	B	43.8/78.9
C899	4030023090	S.CER 0402B102K500CT	T	42.5/81.4
C921	4030022530	S.CER 0402N2R0B500CT	T	12.3/117.0
C923	4030023090	S.CER 0402B102K500CT	T	16.9/118.4
C924	4030023090	S.CER 0402B102K500CT	T	22.9/107.6
C925	4030023090	S.CER 0402B102K500CT	T	13.2/117.0
C926	4030023090	S.CER 0402B102K500CT	T	18.8/119.2
C928	4030023090	S.CER 0402B102K500CT	T	21.0/115.4
C929	4030022590	S.CER 0402N8R0C500CT	T	25.4/112.4
C931	4030023090	S.CER 0402B102K500CT	T	31.9/114.3
C941	4030023090	S.CER 0402B102K500CT	T	54.0/112.0
C942	4030022580	S.CER 0402N7R0C500CT	T	55.6/112.3
C943	4030023090	S.CER 0402B102K500CT	T	57.0/111.5
C944	4030023090	S.CER 0402B102K500CT	T	62.1/116.1
C945	4030023090	S.CER 0402B102K500CT	T	60.8/114.7
C947	4030022750	S.CER 0402N221J500CT	T	59.3/118.0
C948	4030023520	S.CER 0603N180J500CT	T	61.6/118.8
C974	4030023090	S.CER 0402B102K500CT	B	54.4/31.7
C978	4030022940	S.CER 0402B104K100CT	B	34.2/27.2
C979	4030022940	S.CER 0402B104K100CT	B	58.6/28.3
C980	4030024500	S.CER C1005 JB 1C 224K-T	B	38.3/32.4
C993	4030022640	S.CER 0402N101J500CT	B	39.6/33.2
C1002	4030020000	S.CER C1005 JB 1A 105K-T	B	22.4/35.0

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C1006	4030020000	S.CER C1005 JB 1A 105K-T	B	22.4/36.8
C1009	4030023090	S.CER 0402B102K500CT	B	20.6/33.7
C1012	4030023090	S.CER 0402B102K500CT	B	58.1/35.8
C1014	4030023090	S.CER 0402B102K500CT	B	22.4/32.1
C1018	4030022660	S.CER 0402N120J500CT	B	25.0/33.8
C1019	4030022540	S.CER 0402N3R0B500CT	B	32.9/37.5
C1020	4030022590	S.CER 0402N8R0C500CT	B	31.8/35.0
C1021	4030023090	S.CER 0402B102K500CT	B	35.9/25.2
C1022	4030022550	S.CER 0402N4R0B500CT	B	32.3/36.2
C1023	4030023030	S.CER 0402B103K250CT	B	33.6/33.9
C1024	4030022880	S.CER 0402N560J500CT	B	33.6/33.0
C1025	4030022940	S.CER 0402B104K100CT	B	24.0/30.4
C1026	4030022630	S.CER 0402N100C500CT	B	34.1/29.9
C1027	4030023090	S.CER 0402B102K500CT	B	25.0/30.4
C1028	4030022630	S.CER 0402N100C500CT	B	32.2/29.2
C1029	4030023090	S.CER 0402B102K500CT	B	29.7/31.2
C1033	4030023090	S.CER 0402B102K500CT	B	56.8/27.4
C1034	4030023090	S.CER 0402B102K500CT	B	58.3/30.6
C1035	4030022940	S.CER 0402B104K100CT	B	41.8/26.9
C1036	4030022940	S.CER 0402B104K100CT	B	43.3/32.8
C1037	4030023200	S.CER 0402B471K500CT	B	41.5/34.1
C1038	4030023090	S.CER 0402B102K500CT	B	54.4/34.5
C1039	4030011810	S.CER C1608 JB 1A 224K-T	B	43.2/33.8
C1041	4550007550	S.TAN F931V334MAABMA	B	47.4/29.7
C1042	4030023090	S.CER 0402B102K500CT	B	50.0/34.1
C1043	4030022940	S.CER 0402B104K100CT	B	49.9/30.0
C1044	4030023090	S.CER 0402B102K500CT	B	49.0/30.0
C1045	4550007390	S.TAN F931C225MAABMA	B	51.3/28.1
C1047	4030022940	S.CER 0402B104K100CT	B	48.8/36.7
C1048	4550007550	S.TAN F931V334MAABMA	T	52.0/33.7
C1050	4030023090	S.CER 0402B102K500CT	T	51.9/35.6
C1051	4030023090	S.CER 0402B102K500CT	B	51.9/43.5
C1052	4030019560	S.CER GRM21BB31C106KE15L	B	50.2/44.4
C1053	4030023090	S.CER 0402B102K500CT	T	47.3/36.6
C1054	4030023090	S.CER 0402B102K500CT	T	46.7/31.1
C1055	4030022590	S.CER 0402N8R0C500CT	T	52.2/41.5
C1056	4030023090	S.CER 0402B102K500CT	T	43.4/42.9
C1058	4030023090	S.CER 0402B102K500CT	B	50.1/42.3
C1059	4030022610	S.CER 0402N0R3B500CT	T	47.5/39.0
C1060	4030022620	S.CER 0402N0R5B500CT	T	43.4/32.4
C1061	4030023090	S.CER 0402B102K500CT	B	55.1/43.4
C1062	4030023090	S.CER 0402B102K500CT	B	53.9/38.3
C1064	4030023090	S.CER 0402B102K500CT	T	45.3/39.6
C1065	4030023090	S.CER 0402B102K500CT	T	49.8/41.8
C1066	4030023090	S.CER 0402B102K500CT	T	44.4/39.6
C1067	4030023090	S.CER 0402B102K500CT	T	51.4/48.1
C1068	4030024560	S.CER 0603N185B500CT	T	48.6/42.3
C1069	4030023520	S.CER 0603N180J500CT	T	42.3/34.8
C1071	4030023450	S.CER 0603N100D500CT	T	49.3/45.3
C1072	4030023500	S.CER 0603N150J500CT	T	51.9/45.3
C1073	4030023520	S.CER 0603N180J500CT	T	42.3/37.4
C1074	4030023520	S.CER 0603N180J500CT	T	41.2/39.8
C1075	4030023090	S.CER 0402B102K500CT	T	53.0/47.2
C1076	4030023090	S.CER 0402B102K500CT	T	40.8/33.6
C1079	4030022520	S.CER 0402N1R0B500CT	T	49.7/48.1
C1080	4030023090	S.CER 0402B102K500CT	T	45.2/48.4
C1081	4030023090	S.CER 0402B102K500CT	T	36.9/37.3
C1082	4030023090	S.CER 0402B102K500CT	T	40.2/39.3
C1083	4030022620	S.CER 0402N0R5B500CT	T	39.5/40.7
C1085	4030023090	S.CER 0402B102K500CT	T	36.9/36.0
C1086	4030023090	S.CER 0402B102K500CT	T	41.9/42.9
C1087	4030023090	S.CER 0402B102K500CT	T	38.4/42.1
C1088	4030022940	S.CER 0402B104K100CT	T	39.2/33.6
C1089	4030022540	S.CER 0402N3R0B500CT	T	36.6/43.5
C1090	4030023090	S.CER 0402B102K500CT	T	41.6/44.9
C1092	4030023030	S.CER 0402B103K250CT	T	36.9/38.2
C1093	4030022740	S.CER 0402N220J500CT	T	39.5/46.5
C1094	4030022630	S.CER 0402N100C500CT	T	43.6/48.1
C1095	4030023090	S.CER 0402B102K500CT	T	36.5/44.7
C1097	4030023090	S.CER 0402B102K500CT	T	21.3/56.2
C1098	4030023090	S.CER 0402B102K500CT	T	17.5/59.2
C1099	4030023090	S.CER 0402B102K500CT	T	20.7/63.8
C1101	4030023090	S.CER 0402B102K500CT	T	19.7/61.0

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REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C1223	4030019560	S.CER GRM21BB31C106KE15L	B	131.6/55.9
C1225	4030022940	S.CER 0402B104K100CT	B	132.4/57.3
C1227	4030022660	S.CER 0402N120J500CT	B	130.3/53.9
C1228	4030022660	S.CER 0402N120J500CT	B	130.4/48.9
C1231	4030023090	S.CER 0402B102K500CT	B	129.1/48.5
C1232	4030023030	S.CER 0402B103K250CT	B	132.0/48.9
C1233	4030023090	S.CER 0402B102K500CT	B	131.3/46.8
C1235	4030022940	S.CER 0402B104K100CT	B	131.3/45.0
C1239	4030022060	S.CER GRM188B30J106ME47D	B	126.3/68.8
C1241	4030022060	S.CER GRM188B30J106ME47D	T	127.2/67.9
C1244	4030022060	S.CER GRM188B30J106ME47D	T	131.8/57.1
C1245	4030020000	S.CER C1005 JB 1A 105K-T	B	121.1/28.4
C1249	4030022940	S.CER 0402B104K100CT	B	119.4/29.7
C1251	4030022060	S.CER GRM188B30J106ME47D	B	102.9/45.3
C1252	4030022060	S.CER GRM188B30J106ME47D	B	119.6/39.7
C1253	4030023090	S.CER 0402B102K500CT	B	119.9/40.8
C1256	4030020000	S.CER C1005 JB 1A 105K-T	T	26.8/16.8
C1257	4030020120	S.CER C1005 JB 0J 225M-T	T	25.6/15.5
C1261	4030020000	S.CER C1005 JB 1A 105K-T	T	122.3/7.8
C1262	4030023090	S.CER 0402B102K500CT	T	22.4/15.0
C1263	4030022940	S.CER 0402B104K100CT	T	21.7/15.9
C1264	4030020000	S.CER C1005 JB 1A 105K-T	T	127.0/8.2
C1265	4030020000	S.CER C1005 JB 1A 105K-T	B	81.2/26.0
C1268	4030020000	S.CER C1005 JB 1A 105K-T	B	81.6/21.2
C1269	4030022640	S.CER 0402N101J500CT	T	25.3/19.8
C1274	4050000280	S.FEE CTH30V22S15A-TM	B	111.2/99.3
C1275	4510010240	S.ELE 16 CE 680 LX	B	96.0/92.1
C1276	4030023090	S.CER 0402B102K500CT	T	93.8/92.5
C1277	4030023090	S.CER 0402B102K500CT	B	102.5/101.3
C1278	4030020310	S.CER GRM31CB31C106KA88L	B	120.6/84.6
C1279	4030023090	S.CER 0402B102K500CT	T	92.3/90.2
C1280	4030020310	S.CER GRM31CB31C106KA88L	T	123.2/84.6
C1281	4030023090	S.CER 0402B102K500CT	T	130.1/55.5
C1282	4030022940	S.CER 0402B104K100CT	T	96.5/91.4
C1283	4030019120	S.CER GRM188B31E105KA75D	B	130.5/88.4
C1284	4030023030	S.CER 0402B103K250CT	T	132.1/53.4
C1285	4030023090	S.CER 0402B102K500CT	T	95.0/88.2
C1286	4030020000	S.CER C1005 JB 1A 105K-T	T	132.1/56.1
C1287	4030018970	S.CER C3225 JB 1C 226MT-N	B	118.3/79.5
C1288	4030018970	S.CER C3225 JB 1C 226MT-N	B	121.6/79.5
C1290	4030022680	S.CER 0402N150J500CT	B	130.8/83.6
C1291	4030020000	S.CER C1005 JB 1A 105K-T	T	125.7/73.0
C1292	4030019560	S.CER GRM21BB31C106KE15L	B	123.5/75.3
C1293	4030020000	S.CER C1005 JB 1A 105K-T	T	121.3/71.9
C1294	4030019560	S.CER GRM21BB31C106KE15L	B	131.6/70.2
C1295	4030019560	S.CER GRM21BB31C106KE15L	T	121.1/83.2
C1296	4030022940	S.CER 0402B104K100CT	B	130.1/66.9
C1297	4030023030	S.CER 0402B103K250CT	T	119.8/71.9
C1298	4030019560	S.CER GRM21BB31C106KE15L	B	94.6/103.6
C1299	4030019560	S.CER C1608 JB 1E 334K-T	B	97.3/102.2
C1300	4030020000	S.CER C1005 JB 1A 105K-T	T	117.0/82.3
C1301	4030022940	S.CER 0402B104K100CT	B	132.5/68.7
C1302	4030020000	S.CER C1005 JB 1A 105K-T	T	112.7/82.5
C1303	4030022940	S.CER 0402B104K100CT	B	94.1/102.2
C1305	4030022940	S.CER 0402B104K100CT	T	105.4/76.9
C1306	4030022940	S.CER 0402B104K100CT	T	74.3/94.9
C1309	4030023090	S.CER 0402B102K500CT	T	73.4/96.2
C1314	4030011810	S.CER C1608 JB 1A 224K-T	B	96.9/129.6
C1315	4030011810	S.CER C1608 JB 1A 224K-T	B	101.8/132.0
C1316	4030011810	S.CER C1608 JB 1A 224K-T	B	103.8/129.6
C1317	4030022630	S.CER 0402N100C500CT	B	105.7/126.7
C1318	4030022630	S.CER 0402N100C500CT	B	106.6/126.7
C1319	4030022630	S.CER 0402N100C500CT	B	105.7/129.1
C1320	4030022630	S.CER 0402N100C500CT	B	106.6/129.1
C1321	4030023090	S.CER 0402B102K500CT	T	91.9/101.6
C1322	4030023090	S.CER 0402B102K500CT	B	125.0/83.7
C1323	4030023090	S.CER 0402B102K500CT	B	129.4/87.3
C1324	4030020000	S.CER C1005 JB 1A 105K-T	T	117.4/78.6
C1325	4030020000	S.CER C1005 JB 1A 105K-T	T	112.3/78.6
C1326	4030023090	S.CER 0402B102K500CT	T	76.0/32.8
C1328	4030023090	S.CER 0402B102K500CT	T	84.3/33.6
C1329	4030023090	S.CER 0402B102K500CT	T	84.3/34.5
C1330	4030023090	S.CER 0402B102K500CT	T	84.8/30.2
C1331	4030023090	S.CER 0402B102K500CT	B	83.5/31.4
C1332	4030022950	S.CER 0402B273K100CT	B	86.0/32.7
C1335	4030023090	S.CER 0402B102K500CT	T	126.6/9.8
C1336	4030023090	S.CER 0402B102K500CT	T	90.1/100.8
C1337	4030023090	S.CER 0402B102K500CT	B	127.2/87.6
C1338	4030020000	S.CER C1005 JB 1A 105K-T	T	114.1/73.6
C1339	4030019620	S.CER GRM188B31C225KE14D	T	117.5/76.1
C1340	4510010460	ELE DXN-5R5H334U		
C1342	4030023090	S.CER 0402B102K500CT	T	120.5/7.8
C1345	4030023090	S.CER 0402B102K500CT	B	84.4/29.2
C1346	4030022950	S.CER 0402B273K100CT	B	86.0/29.2
C1350	4030023090	S.CER 0402B102K500CT	T	70.8/100.6
C1351	4030023090	S.CER 0402B102K500CT	T	67.5/101.0
C1352	4030022770	S.CER 0402N270J500CT	T	69.9/101.8
C1353	4030023090	S.CER 0402B102K500CT	T	69.0/101.0
C1355	4030022940	S.CER 0402B104K100CT	B	98.7/122.8
C1356	4030011810	S.CER C1608 JB 1A 224K-T	B	99.2/132.0
C1361	4030023090	S.CER 0402B102K500CT	T	71.9/80.3
C1362	4030023090	S.CER 0402B102K500CT	T	79.3/45.6
C1365	4030022970	S.CER 0402B393K100CT	T	79.6/49.5
C1366	4030020000	S.CER C1005 JB 1A 105K-T	T	90.2/46.2
C1367	4030023090	S.CER 0402B102K500CT	T	90.2/47.1
C1368	4030023120	S.CER 0402B182K500CT	T	79.6/48.6
C1369	4030022940	S.CER 0402B104K100CT	T	87.4/47.6
C1370	4030020000	S.CER C1005 JB 1A 105K-T	T	84.6/42.7
C1371	4030020000	S.CER C1005 JB 1A 105K-T	T	69.3/41.2
C1372	4030023090	S.CER 0402B102K500CT	T	78.0/38.2
C1373	4030022690	S.CER 0402N151J500CT	T	73.3/36.7
C1374	4030022940	S.CER 0402B104K100CT	T	71.1/41.2
C1375	4030022940	S.CER 0402B104K100CT	T	79.8/38.9
C1376	4030022920	S.CER 0402N820J500CT	T	76.1/39.5

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

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C1377	4030024500	S.CER C1005 JB 1C 224K-T	T	76.2/37.3
C1378	4030022810	S.CER 0402N330J500CT	T	74.4/45.3
C1379	4030022940	S.CER 0402B104K100CT	T	78.2/37.2
C1380	4030020000	S.CER C1005 JB 1A 105K-T	T	79.2/41.6
C1381	4030023000	S.CER 0402B683K100CT	T	78.0/41.8
C1382	4030023210	S.CER 0402B472K500CT	T	77.1/41.8
C1385	4030023050	S.CER 0402B153K250CT	T	87.6/43.9
C1386	4030023050	S.CER 0402B153K250CT	T	85.5/43.5
C1387	4030023030	S.CER 0402B103K250CT	T	86.4/43.5
C1388	4030023230	S.CER 0402B562K500CT	T	89.4/49.0
C1389	4030023050	S.CER 0402B153K250CT	T	89.4/52.3
C1390	4030020000	S.CER C1005 JB 1A 105K-T	T	87.8/52.9
C1391	4030023260	S.CER 0402B821K500CT	T	88.9/50.2
C1392	4030023030	S.CER 0402B103K250CT	T	90.4/59.7
C1401	4050000240	S.FEE NFM18PC104R1C3D	T	100.0/39.4
C1402	4550007480	S.TAN F930J106MAABMA	T	105.4/37.6
C1403	4030022940	S.CER 0402B104K100CT	T	99.4/36.1
C1404	4550007480	S.TAN F930J106MAABMA	T	99.6/37.7
C1405	4030019560	S.CER GRM21BB31C106KE15L	T	90.4/26.4
C1406	4030019460	S.CER C1608 JB 0J 106M-T	B	93.1/27.0
C1426	4050000240	S.FEE NFM18PC104R1C3D	T	102.1/41.2
C1432	4030020120	S.CER C1005 JB 0J 225M-T	T	98.8/43.5
C1433	4030020120	S.CER C1005 JB 0J 225M-T	T	87.5/31.4
C1437	4030023090	S.CER 0402B102K500CT	T	94.4/48.5
C1439	4030020000	S.CER C1005 JB 1A 105K-T	T	98.0/45.0
C1440	4030020000	S.CER C1005 JB 1A 105K-T	T	89.5/31.4
C1443	4030022940	S.CER 0402B104K100CT	T	96.0/46.8
C1445	4030023090	S.CER 0402B102K500CT	T	98.2/46.9
C1450	4030022940	S.CER 0402B104K100CT	B	102.6/46.4
C1451	4030022940	S.CER 0402B104K100CT	B	103.2/55.3
C1452	4030022940	S.CER 0402B104K100CT	T	105.5/61.8
C1453	4030022940	S.CER 0402B104K100CT	B	111.5/67.5
C1454	4030022940	S.CER 0402B104K100CT	B	118.5/67.5
C1455	4030022060	S.CER GRM188B30J106ME47D	B	124.2/68.9
C1456	4030022940	S.CER 0402B104K100CT	B	125.2/68.6
C1457	4030022940	S.CER 0402B104K100CT	B	128.2/62.8
C1458	4030022940	S.CER 0402B104K100CT	B	128.2/56.4
C1460	4030022940	S.CER 0402B104K100CT	B	119.5/43.0
C1465	4030022940	S.CER 0402B104K100CT	B	128.2/57.3
C1487	4510010240	S.ELE 16 CE 680 LX	B	107.0/92.1
C1488	4030022740	S.CER 0402N220J500CT	T	117.1/64.4
C1500	4030022770	S.CER 0402N270J500CT	B	52.8/43.6
C1501	4030023090	S.CER 0402B102K500CT	B	46.6/44.1
C1502	4030023090	S.CER 0402B102K500CT	B	45.7/42.9
C1503	4030023090	S.CER 0402B102K500CT	B	44.9/39.2
C1504	4030023090	S.CER 0402B102K500CT	B	48.0/35.8
C1506	4030023090	S.CER 0402B102K500CT	B	52.3/36.9
C1509	4030023090	S.CER 0402B102K500CT	T	51.0/51.6
C1514	4030023090	S.CER 0402B102K500CT	T	102.8/66.5
C1515	4030023090	S.CER 0402B102K500CT	T	115.4/45.8
C1516	4030023090	S.CER 0402B102K500CT	T	113.4/44.4
C1517	4030023090	S.CER 0402B102K500CT	T	115.2/43.0
C1518	4030023090	S.CER 0402B102K500CT	T	114.3/42.7
C1519	4030023090	S.CER 0402B102K500CT	T	114.2/40.3
C1520	4030023090	S.CER 0402B102K500CT	T	112.5/40.3
C1521	4030022640	S.CER 0402N101J500CT	T	109.4/54.8
C1522	4030022640	S.CER 0402N101J500CT	T	110.4/54.8
C1523	4030022640	S.CER 0402N101J500CT	T	108.6/45.1
C1524	4030022570	S.CER 0402N6R0C500CT	T	109.1/43.7
C1525	4030022570	S.CER 0402N6R0C500CT	T	109.5/40.1
C1526	4030022570	S.CER 0402N6R0C500CT	T	111.3/40.7
C1527	4030022570	S.CER 0402N6R0C500CT	T	111.0/44.4
C1528	4030022570	S.CER 0402N6R0C500CT	T	105.7/43.1
C1529	4030022570	S.CER 0402N6R0C500CT	T	106.2/40.1
C1530	4030022740	S.CER 0402N220J500CT	T	111.3/54.8
C1531	4030022740	S.CER 0402N220J500CT	T	111.7/57.3
C1532	4030023090	S.CER 0402B102K500CT	T	72.3/74.0
J1	6510014961	S.CON B2B-ZR-SM4-TF(LF)(SN)	T	86.7/127.1
J5	6510027111	S.CON 08FLT-SM2-TB(LF)(SN)(M)	T	117.7/19.0

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
EP106	6910018460	S.BEA MMZ1005Y102C-T	T	15.5/9.8
EP107	6910018460	S.BEA MMZ1005Y102C-T	T	16.5/28.2
EP111	6910014690	S.BEA MPZ1608S221A-T	T	126.8/119.2
EP113	6910018460	S.BEA MMZ1005Y102C-T	T	123.7/119.2
EP115	6910014690	S.BEA MPZ1608S221A-T	T	129.3/119.2
EP118	6910018460	S.BEA MMZ1005Y102C-T	T	124.9/118.9
EP200	6910018460	S.BEA MMZ1005Y102C-T	T	37.9/36.0
EP201	6910018460	S.BEA MMZ1005Y102C-T	B	48.1/37.9
EP202	6910018460	S.BEA MMZ1005Y102C-T	B	46.1/39.7
EP300	6910012350	S.BEA MMZ1608Y 102BT	T	60.5/13.2
EP304	6910018460	S.BEA MMZ1005Y102C-T	B	128.2/54.4
EP305	6910018460	S.BEA MMZ1005Y102C-T	B	128.2/53.3
EP307	6910018460	S.BEA MMZ1005Y102C-T	B	104.5/69.1
EP309	6910018460	S.BEA MMZ1005Y102C-T	B	126.6/40.7
EP312	6910018460	S.BEA MMZ1005Y102C-T	T	80.1/32.4
EP315	6910018460	S.BEA MMZ1005Y102C-T	T	77.4/32.4
EP316	6910018460	S.BEA MMZ1005Y102C-T	T	78.0/24.9
EP320	6910018460	S.BEA MMZ1005Y102C-T	T	78.9/24.9
EP321	6910018460	S.BEA MMZ1005Y102C-T	T	79.8/24.9
EP323	6910012350	S.BEA MMZ1608Y 102BT	T	121.2/9.1
EP324	6910018460	S.BEA MMZ1005Y102C-T	B	82.8/22.3
EP330	6910018460	S.BEA MMZ1005Y102C-T	B	104.1/122.8
EP334	6910018460	S.BEA MMZ1005Y102C-T	B	102.3/122.8
EP351	6910018460	S.BEA MMZ1005Y102C-T	B	129.6/70.1
EP352	6910018460	S.BEA MMZ1005Y102C-T	B	60.6/13.0
EP353	6910018460	S.BEA MMZ1005Y102C-T	B	106.2/125.5
EP354	6910018460	S.BEA MMZ1005Y102C-T	B	106.2/127.9
EP355	6910018460	S.BEA MMZ1005Y102C-T	B	106.6/130.7
EP356	6910018460	S.BEA MMZ1005Y102C-T	B	97.8/122.8
EP357	6910018460	S.BEA MMZ1005Y102C-T	T	82.2/24.9
EP358	6910018460	S.BEA MMZ1005Y102C-T	T	83.1/24.9
EP359	6910018460	S.BEA MMZ1005Y102C-T	T	81.0/32.4
EP360	6910018460	S.BEA MMZ1005Y102C-T	T	81.9/32.4
EP361	6910018460	S.BEA MMZ1005Y102C-T	T	82.8/32.4
EP362	6910018460	S.BEA MMZ1005Y102C-T	T	83.9/31.1
EP405	6910018460	S.BEA MMZ1005Y102C-T	T	87.1/30.2
EP409	6910014690	S.BEA MPZ1608S221A-T	T	91.4/128.9

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)
H/V LOCATION=See the BOARD LAYOUTS for details.

SECTION 7

MECHANICAL PARTS

[CONTROL UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J1*	6510027710	S5B-ZR-SM4A-TF (LF) (SN)	1
J2*	6510028740	14FLH-SM1-TB (LF) (SN) (F)	1
J3*	6510027270	3167 FRONT CONNECTOR	1
J4*	6510023170	3008L-6P6C	1
J5*	6510030960	IMSA-9631S-27Y801	1
J251*	6510023480	AYU1-1P-02676-120-TF	1
DS1	5030004350	UNC-MSFF014230-02	1
S3*	2230001480	LS37J2-T	1
S4*	2230001480	LS37J2-T	1
S5*	2230001480	LS37J2-T	1
S6*	2230001480	LS37J2-T	1
S7*	2230001480	LS37J2-T	1
S8*	2230001480	LS37J2-T	1
S9*	2230001480	LS37J2-T	1
S10*	2230001480	LS37J2-T	1
S11*	2230001480	LS37J2-T	1
S14*	2250000660	SW-170 (EC12D1564402)	1
EP2	3310005080	GBA-962 (031015071EM0800)	1
MP2	8210025640	3167 REAR PANEL ASSEMBLY (including MP16)	1
MP4	8930078540	3167 POWER BUTTON	1
MP5	8210032990	3866 REFLECTOR ASSEMBLY (including MP29,30,35)	1
MP6	8930078551	3167 2-KEY-1	1
MP7	8930078942	3167 6-KEY ASSEMBLY-2 (including MP8)	1
MP8	8930078570	3167 LENS	6
MP9	8610016270	KNOB N-448 ASSEMBLY (including MP10,14,15)	1
MP10	8610016250	KNOB N-448 COVER	1
MP11	8610013990	KNOB N-384 (including MP14)	1
MP12	8610014000	KNOB N-385 (including MP14)	1
MP13	8930096390	3866 LCD PLATE Y1404	1
MP14	8610007420	KNOBSRING NO.6601	3
MP15	8610016260	KNOB N-448 RING	1
MP16	8830003020	SCREW SB-264540-CD	2
MP18	8810008991	PHBT M2 X10 NI-ZK3	4
MP19	8310073770	3167 ATTENTION SEAL (CONTROL)	1
MP20	8310090641	3167 WINDOW PLATE (B)-1	1
MP21	8210032651	3167 FRONT PANEL (D)-1	1
	8210032651	3167 FRONT PANEL (D)-1	[#12] 1
	8210032621	3167 FRONT PANEL (C)-1	[#13] 1
	8210032621	3167 FRONT PANEL (C)-1	[#15] 1
	8210032621	3167 FRONT PANEL (C)-1	[#19] 1
MP23	8930079170	3167 MODULER CAP (TOT)S	1
MP24	8930079120	3167 WINDOW SHEET	1
MP26	8930079260	SPONGE (KN)	2
MP27	8930079270	SPONGE (KO)	6
MP28	8930097110	3866 SHEET	1
MP29	8930097120	3866 A-SHEET	1
MP30	8930097130	3866 B-SHEET	1
MP31	8930097140	DOUBLE SIDE TAPE (CF)	1
MP32	8930085740	3401 GPS SPONGE	1
MP33*	8930097200	3866 ANT ANGLE ASSEMBLY (including MP34)	1
MP34	8930097100	3866 ANT PLATE	1
MP35	8930097290	3866 C-SHEET	2

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
IC3	1150002680	RA60H1317M1A-522	1
IC4	1150002690	RA60H3847M1-521	1
J1*	6510014961	B2B-ZR-SM4-TF (LF) (SN)	1
J5*	6510027111	08FLT-SM2-TB (LF) (SN) (M)	1
J25*	6510027260	3167 REAR CONNECTOR	1
J100*	6510023110	3008L-8P8C	1
J102*	6510025940	PJ-3047S	1
J103*	6510014961	B2B-ZR-SM4-TF (LF) (SN)	1
J300*	6510025950	PCB-606 (6P6C) BLACK	1
J301*	6510026440	20P4.5-JMCS-G-B-TF (N)	1
J304*	6510027740	HSJ2462-010010	1
J305*	6510028170	SDHL-8BNS-K-363-A0-ETB (HF)	1
BT300*	3020000390	ML414HIV01E	1
W1*	7030014230	RJ20S0OHHM	1
W300	8920002400	CAB-1307	1
MP204*	8510019340	3179 VCO CASE Y1142	1
MP205	8930091830	SHIELD SPONGE (DJ)	1
MP206*	8510016471	2775 VCO CASE-1	1
MP207*	8510016471	2775 VCO CASE-1	1
MP208*	8510019350	3179 VCO COVER Y1143	1
MP212	8930060270	2633 M-SHEET	2
MP213	8930059770	2633 M-HOLDER Y668	2
MP214*	8510016461	2775 VCO COVER-1	2
MP215*	8510016461	2775 VCO COVER-1	1
MP300*	8510016471	2775 VCO CASE-1	1
MP305	8930097280	INSULATION SHEET (OH)	1

*: Refer to "BOARD LAYOUTS" for the location.

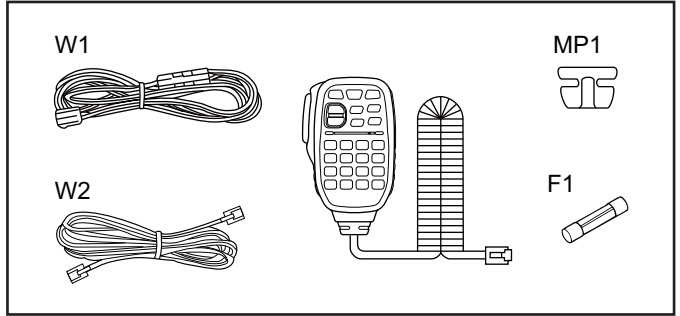
Screw abbreviations A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless

[CHASSIS PARTS]

REF NO.	PART NO.	DESCRIPTION	QTY.
W1	8600037590	SPCABLE1 70MM	1
J1	6510004882	MR-DSE-01-2	1
SP1	2510001160	057P0802	1
MF1	2710000820	EFB0412VHD-6P38	1
MP1	8010024000	3866 CHASSIS M1K	1
MP2	8210025491	3167 CHASSIS PANEL-1	1
MP3	8930078580	3167 RELEASE BUTTON	1
MP4	8930096400	3866 PLATE	1
MP5	8510019462	3167 L-COVER ASSEMBLY-2 (including MP10)	1
MP6	8510019452	3167 U-COVER ASSEMBLY-2 (including MP11)	1
MP7	8930078590	3167 SP RUBBER (TOP)	1
MP8	8110009020	2969 FAN COVER	1
MP9	8930048550	2177 CLIP	1
MP10	8930072261	2696 NET-1	1
MP11	8930092710	SP NET (P)	1
MP12	8930071590	THERMAL SHEET (BI)TC-300HS-1.4 (9.5X)	1
MP13	8810008661	PHBT M3 X 8 NI-ZC3	13
MP14	8810008661	PHBT M3 X 8 NI-ZC3	2
MP15	8810009611	FLAT M2.6X 6 ZK3	16
MP16	8810010141	SCREW PH M3 X30 ZK3	4
MP19	8930079150	COIL SPRING (AL)	2
MP20	8930055551	THERMAL SHEET (W)-1 TC-300HS-1.4	1
MP21	8930029050	THERMAL SHEET AL	1
MP22	8810008661	PHBT M3 X 8 NI-ZC3	4
MP23	8930083660	SPONGE (LK)	1
MP24	8930097530	SHIELD SPONGE (EL)	[#12] 2
	8930097530	SHIELD SPONGE (EL)	[#13] 2
MP26	8930086280	SPONGE (MA)	1

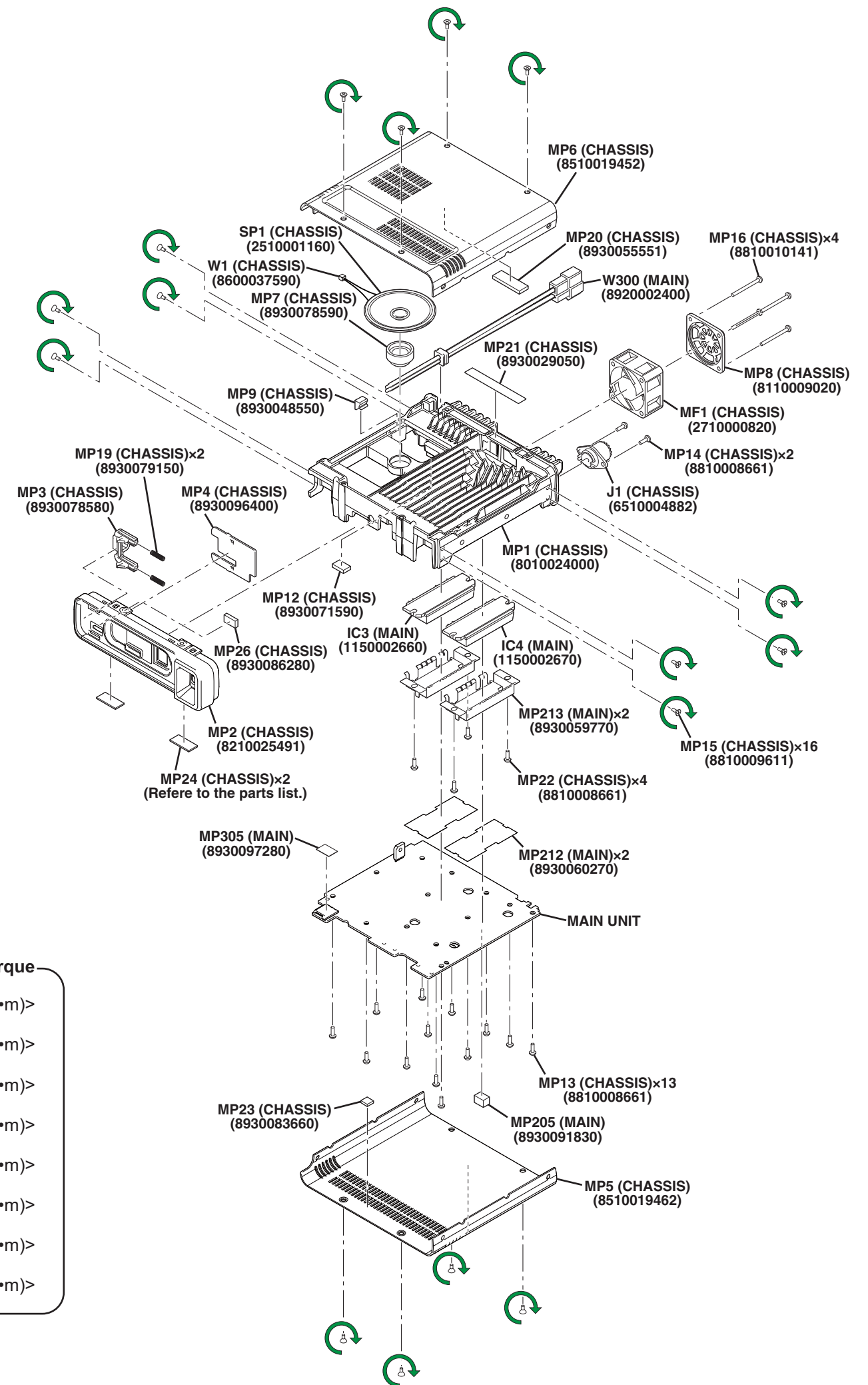
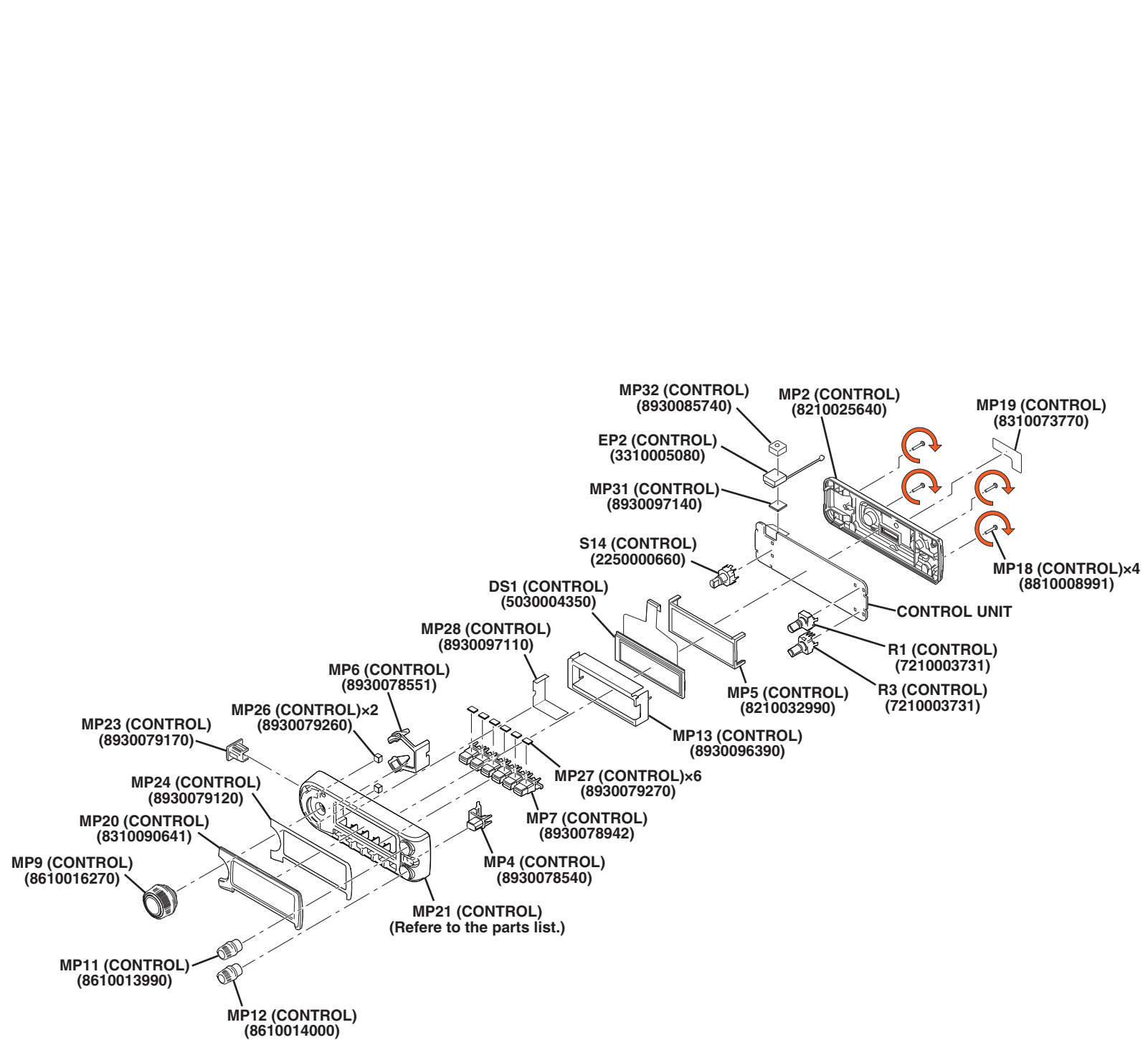
[ACCESSORIES]

REF NO.	PART NO.	DESCRIPTION	QTY.
F1	5210000121	FGB 15A PBF (FGB0 125V)	1
MC1	(Option)	HM-207S	1
W1	(Option)	OPC-345B	1
W2	8900008610	OPC-837	1
MP1	8930007300	MIC HANGER	1



*: Refer to "BOARD LAYOUTS" for the location.

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



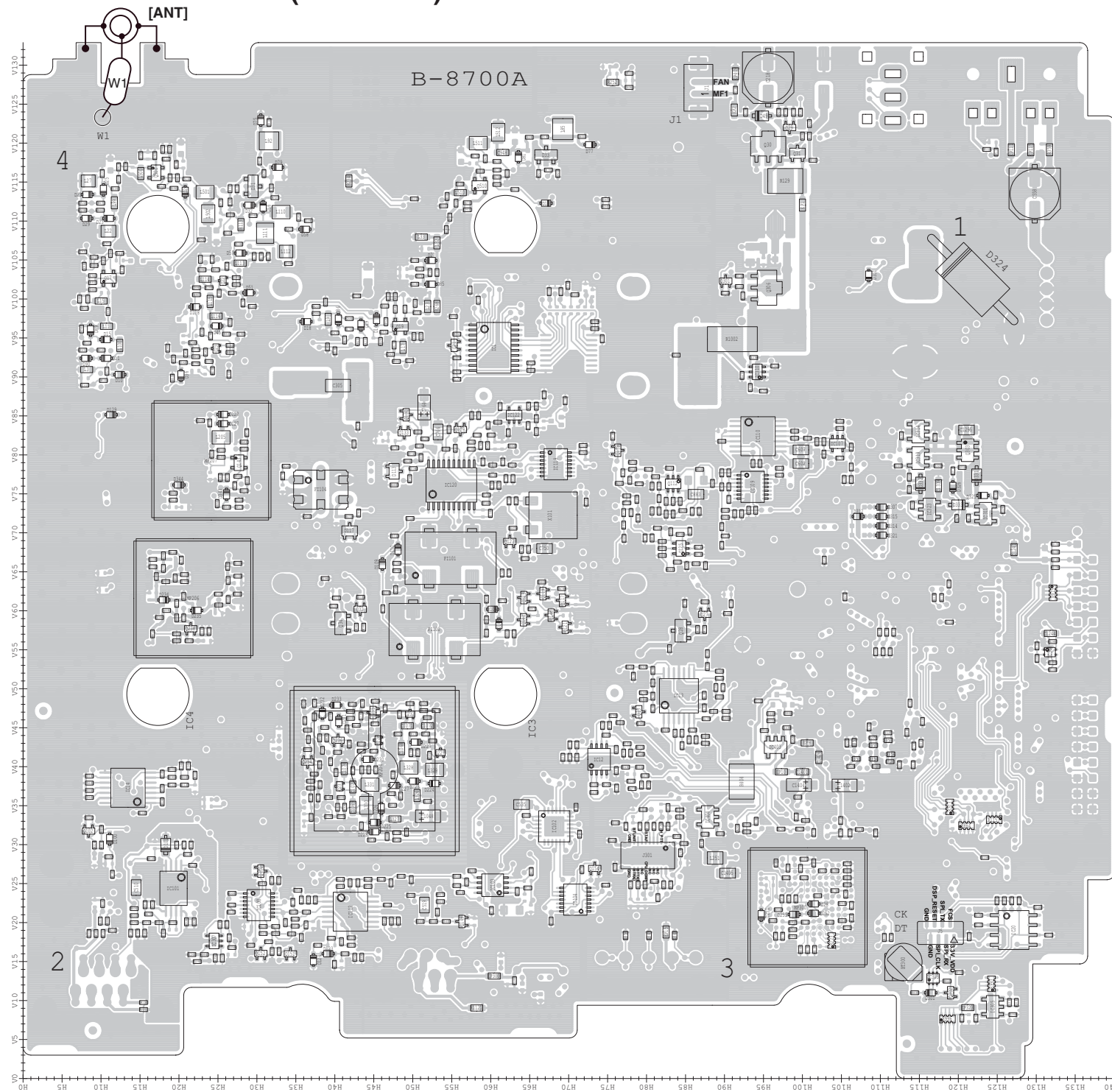
Legend:

Ref.No.	Unit Name	Parts No.
MP1	CHASSIS	1234567890

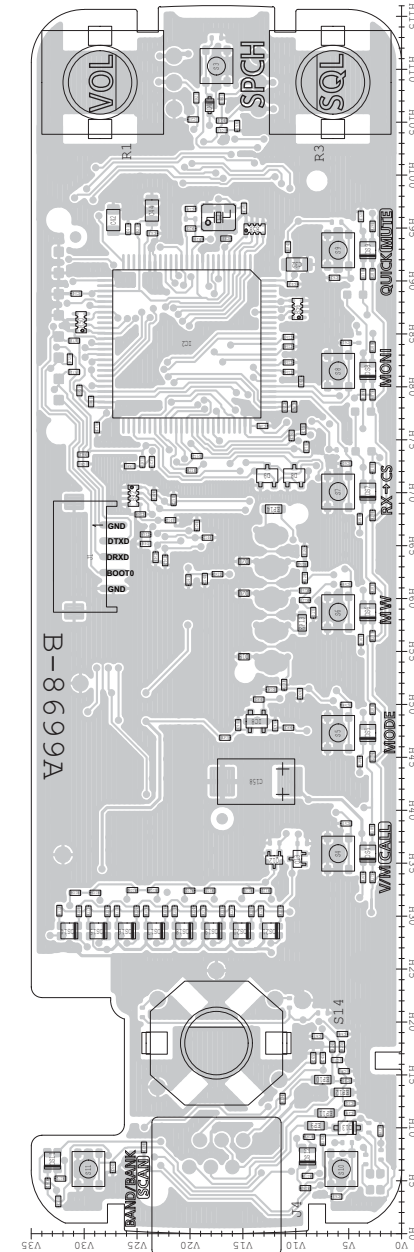
- Tightening torque**
- : <0.8 (N•m)>
 - : <0.7 (N•m)>
 - : <0.6 (N•m)>
 - : <0.5 (N•m)>
 - : <0.4 (N•m)>
 - : <0.3 (N•m)>
 - : <0.2 (N•m)>
 - : <0.1 (N•m)>

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

• MAIN UNIT B-8700A
(TOP VIEW)

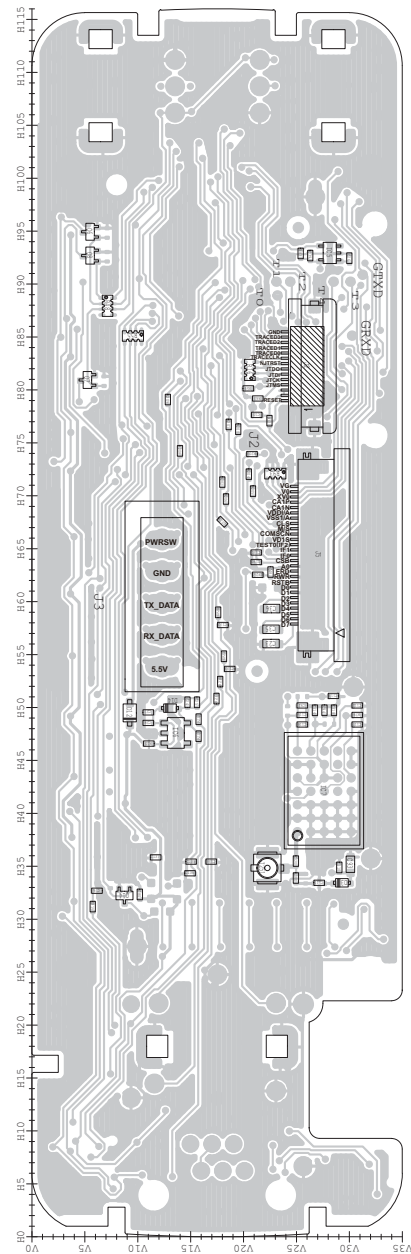


• CONTROL UNIT B-8699A
(TOP VIEW)

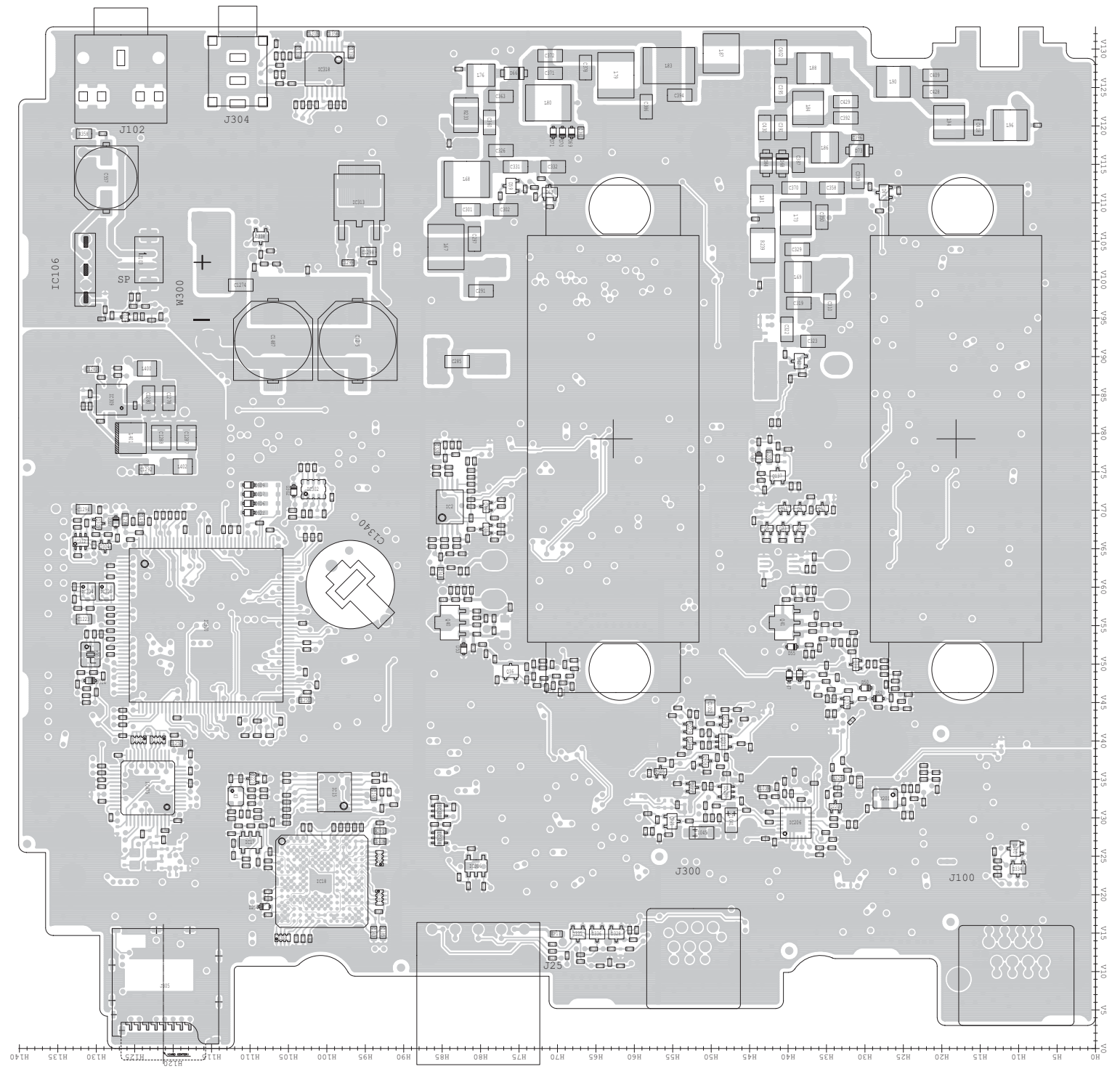


The actual configuration of the PC board can be seen by viewing the top and bottom BOARD LAYOUT pages together.

• CONTROL UNIT B-8699A
(BOTTOM VIEW)

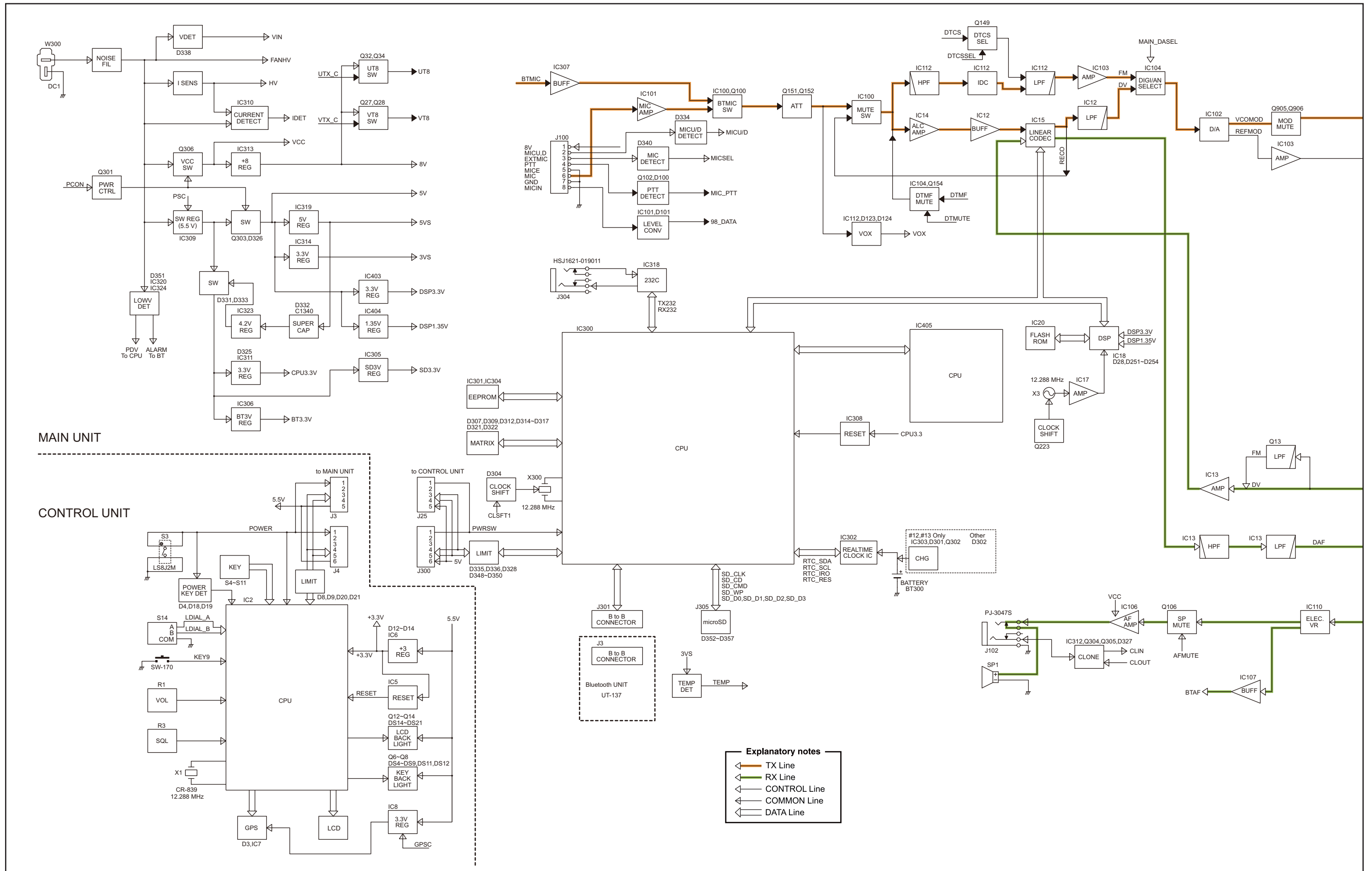


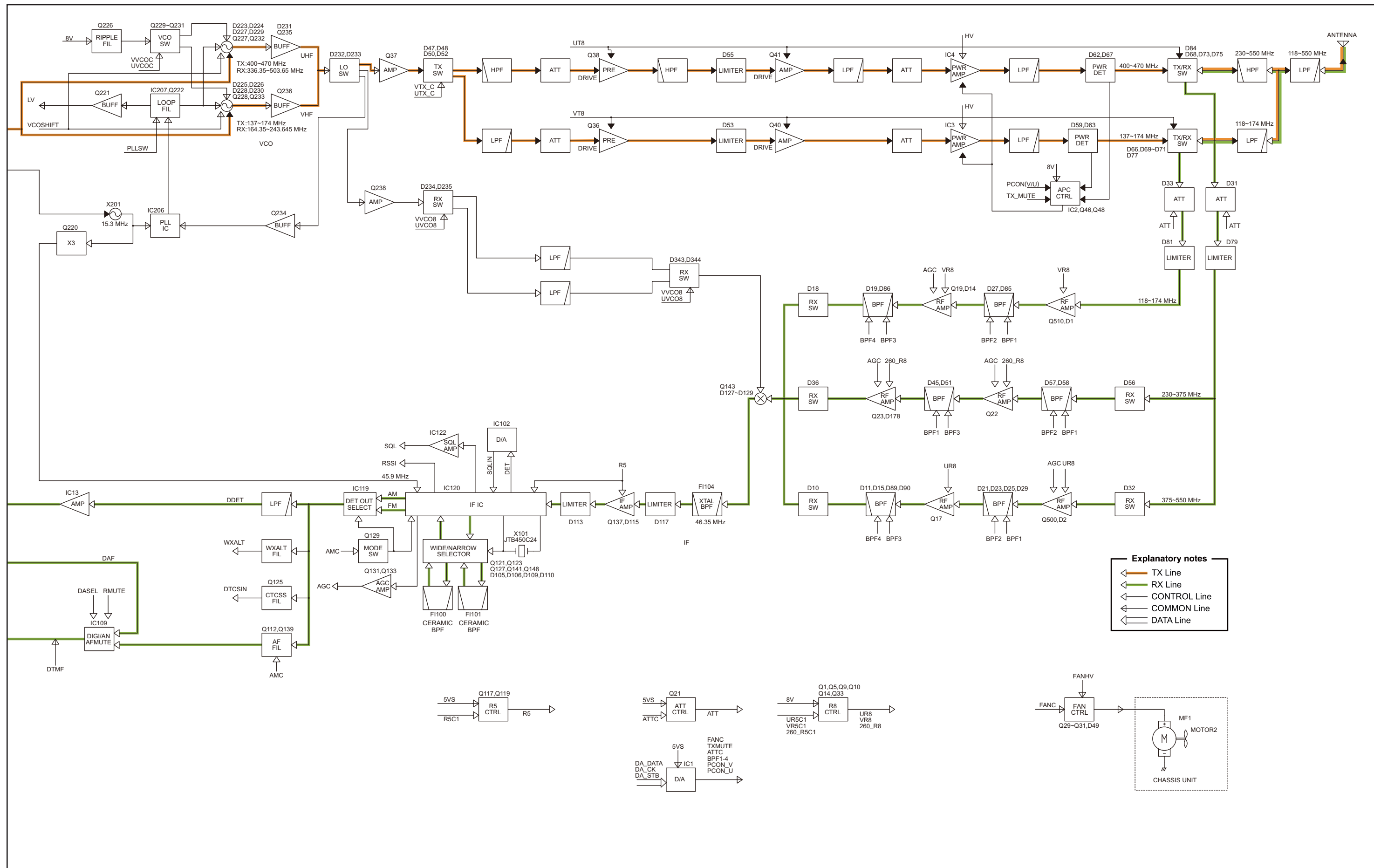
• MAIN UNIT B-8700A
(BOTTOM VIEW)



SECTION 9

BLOCK DIAGRAM

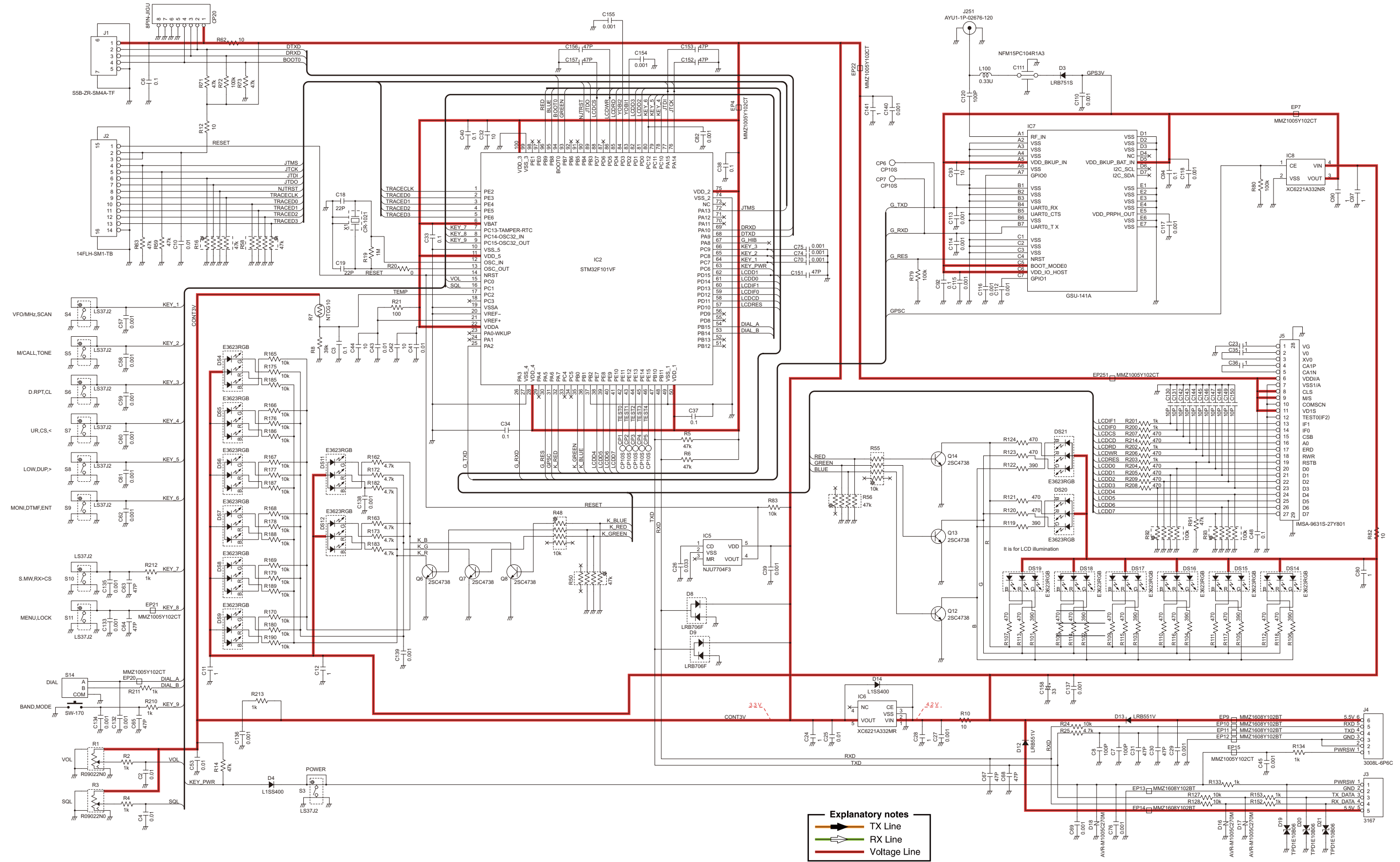




SECTION 10

VOLTAGE DIAGRAM

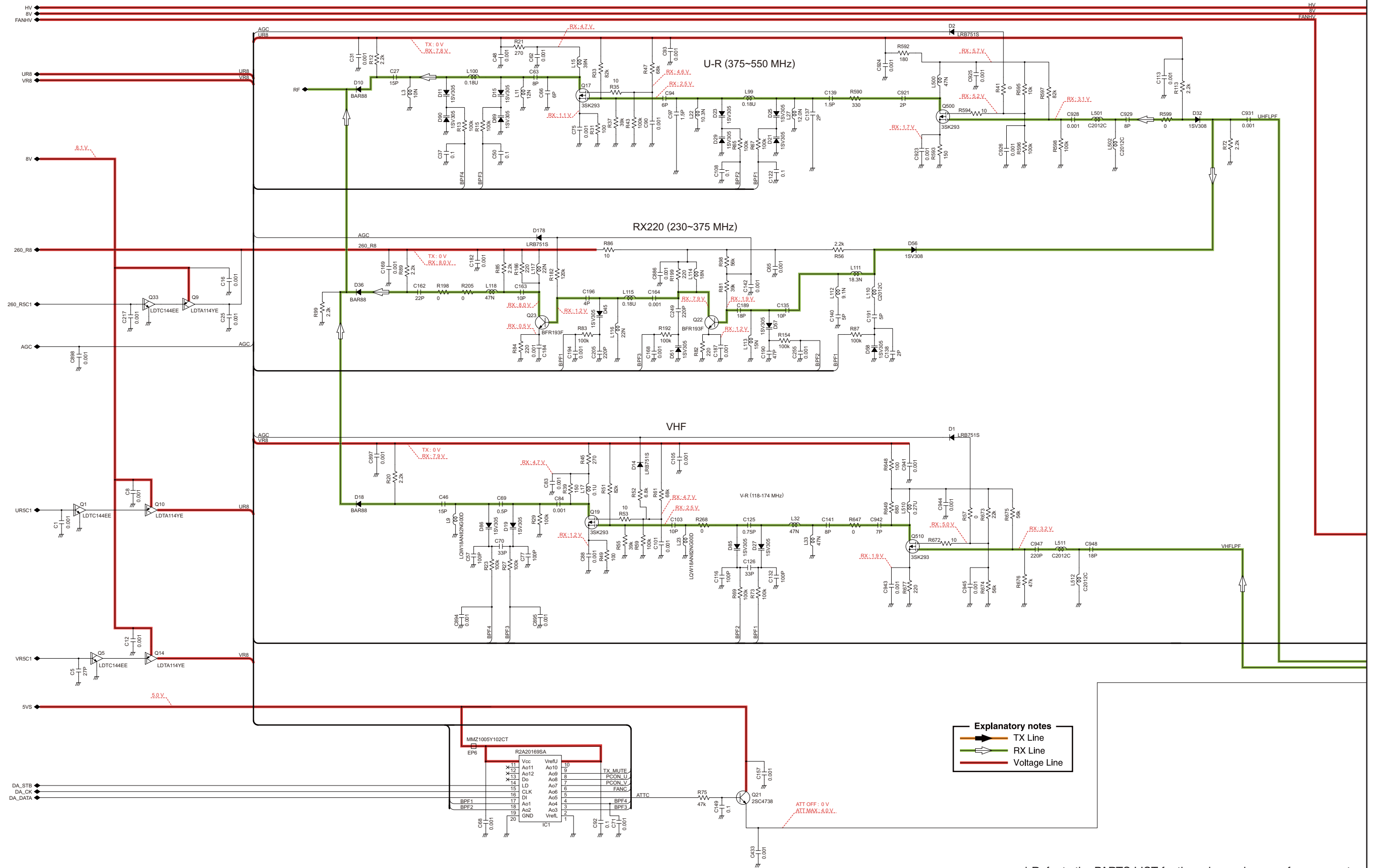
• CONTROL UNIT



Explanatory notes
 TX Line
 RX Line
 Voltage Line

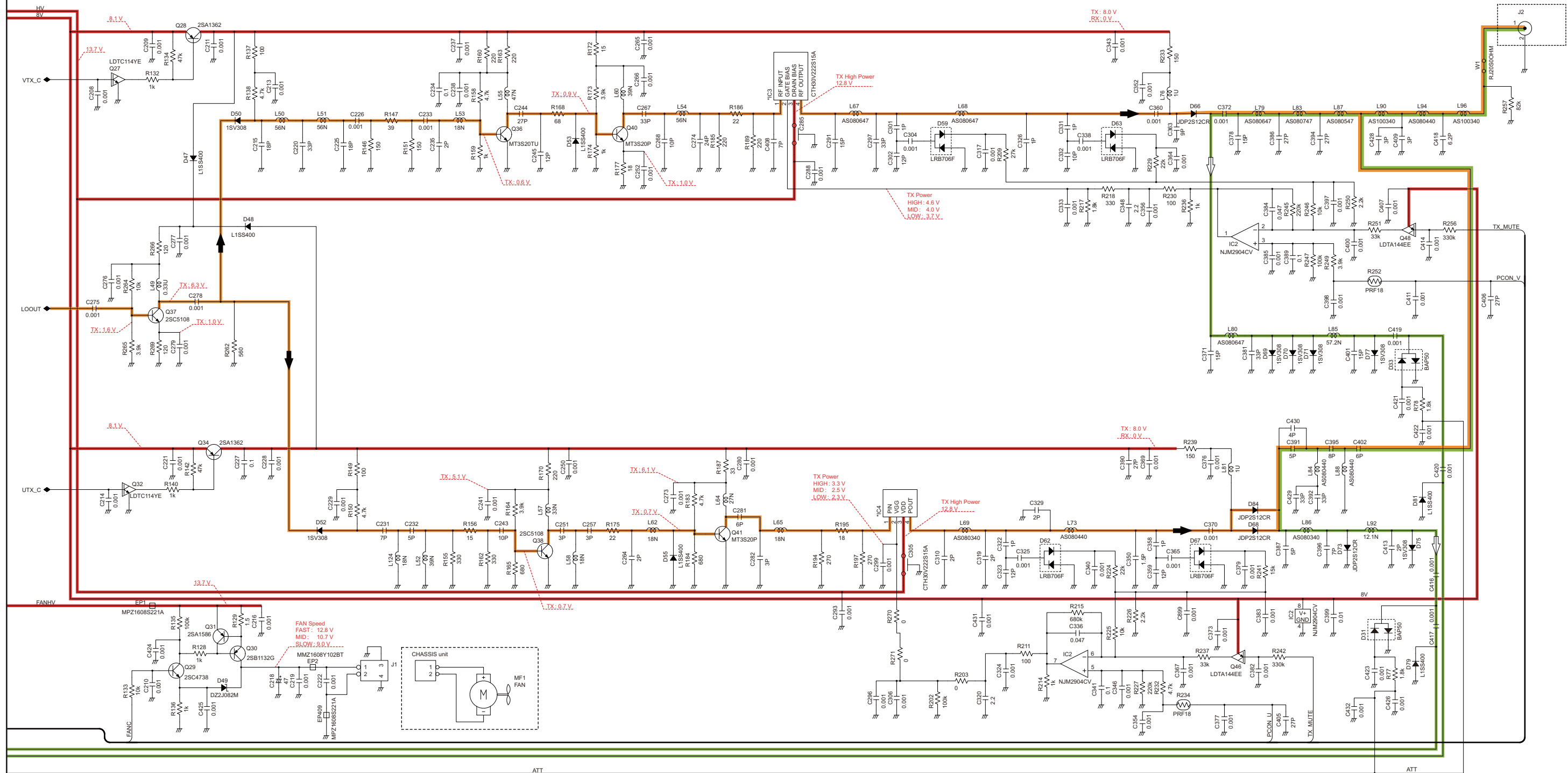
* Refer to the PARTS LIST for the value and name of component.

• MAIN UNIT (1/8)



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

• MAIN UNIT (2/8)

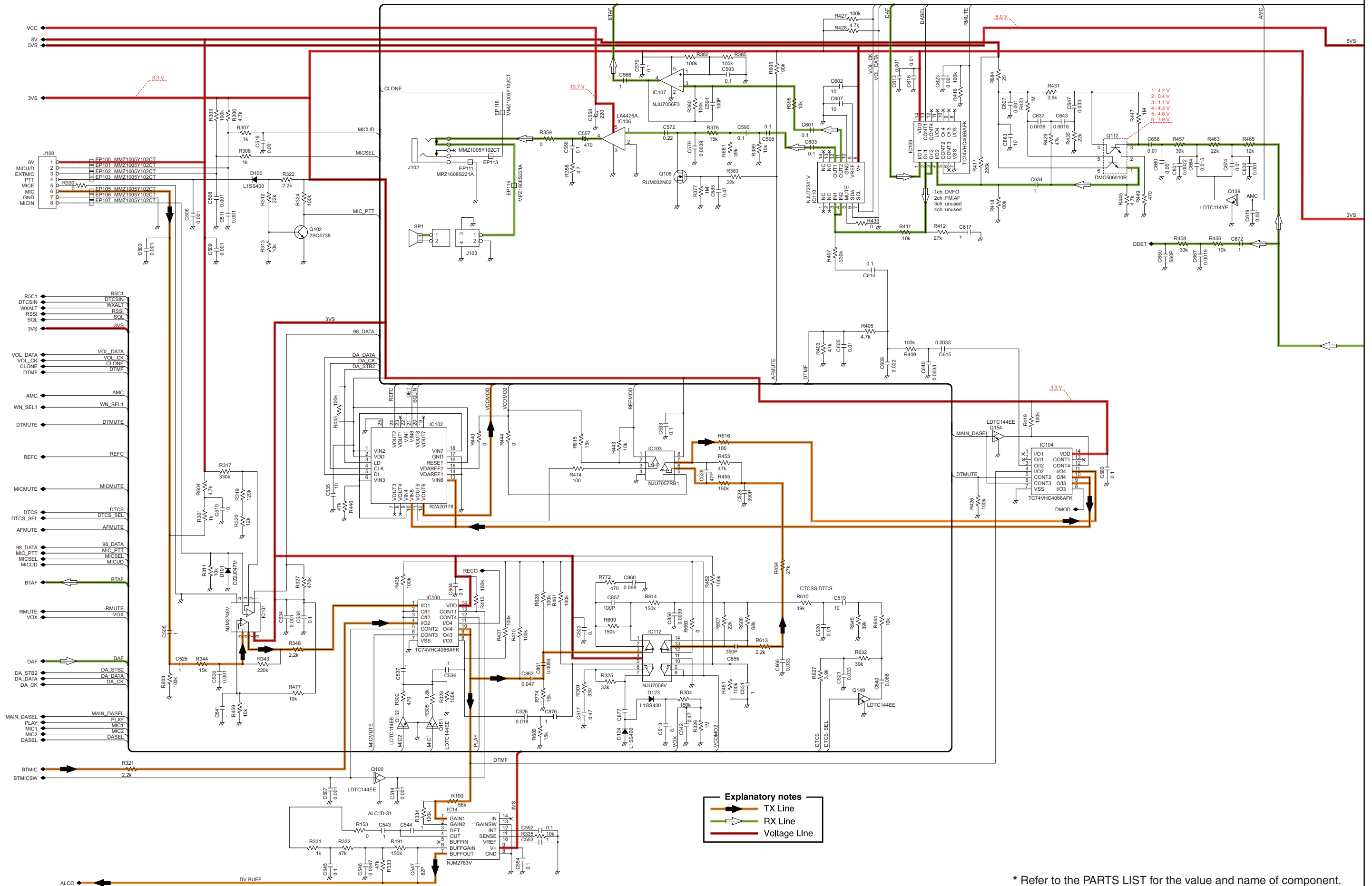


Explanatory notes

- ▶ TX Line
- ▶ RX Line
- ▶ Voltage Line

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

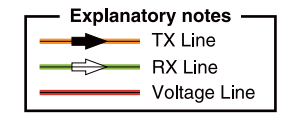
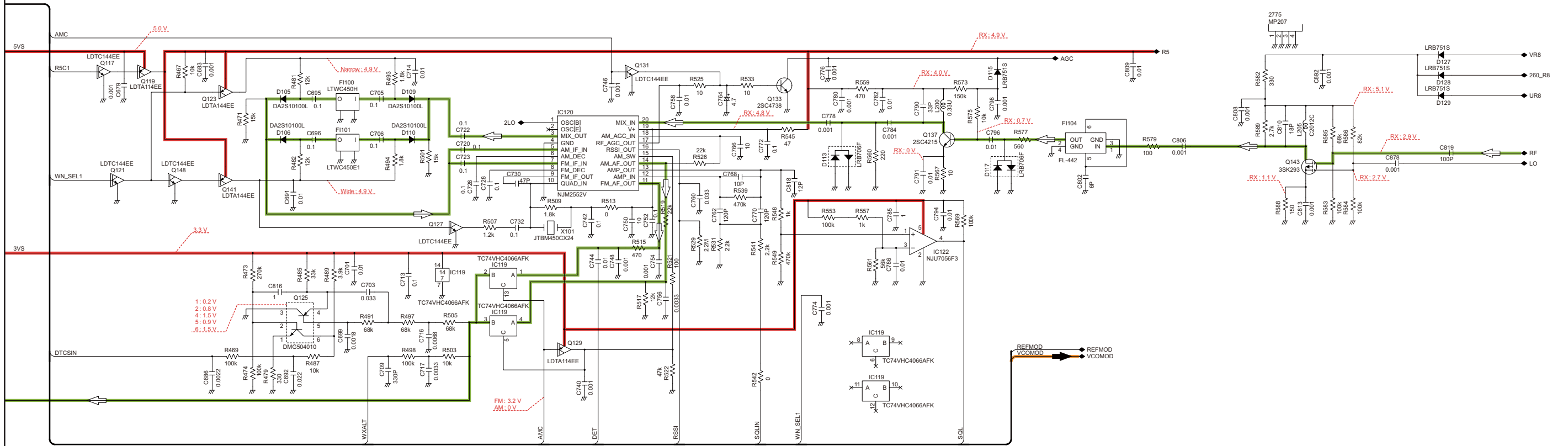
• MAIN UNIT (3/8)



Explanatory notes
 — TX Line
 — RX Line
 — Voltage Line

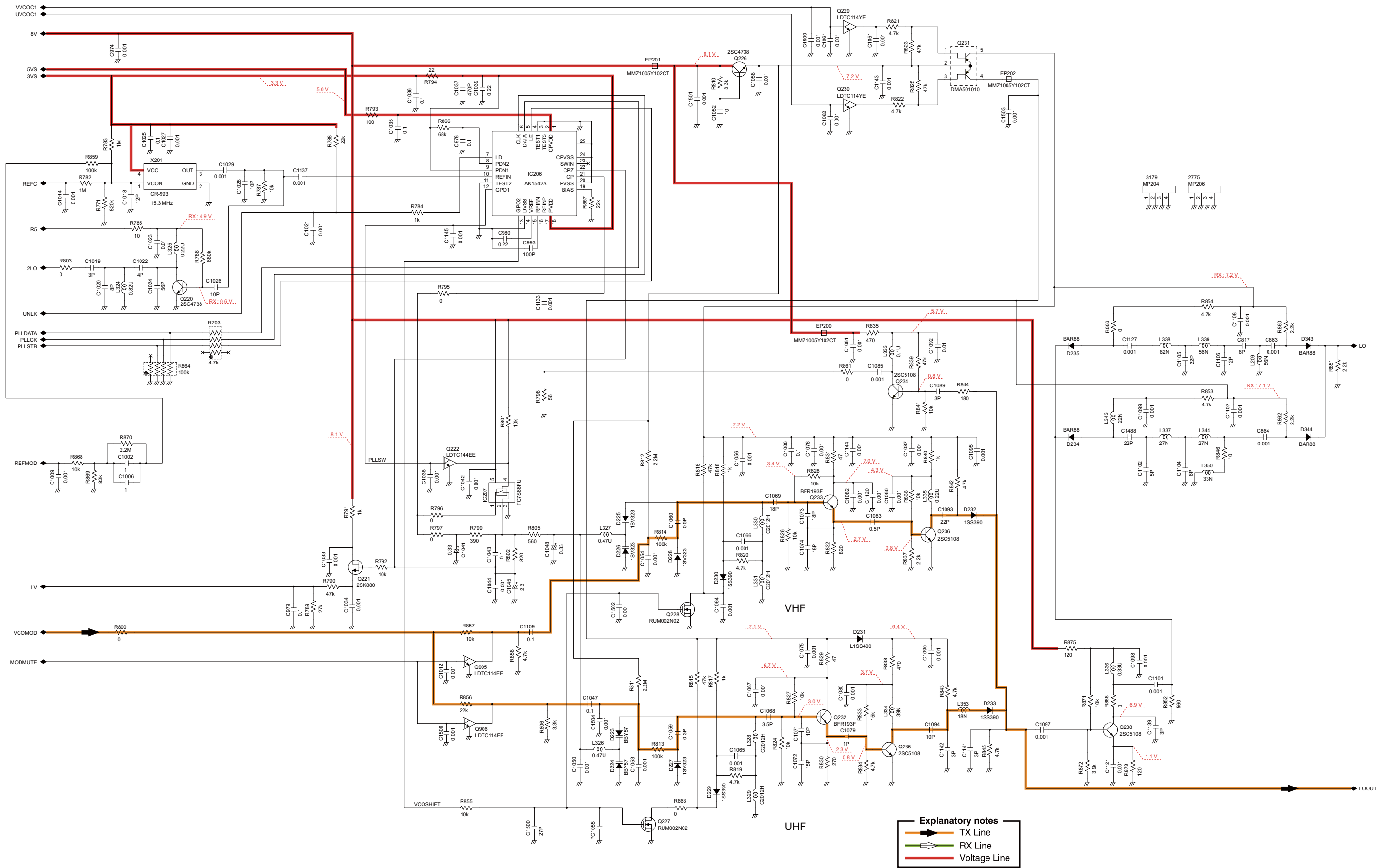
* Refer to the PARTS LIST for the value and name of component.

• MAIN UNIT (4/8)



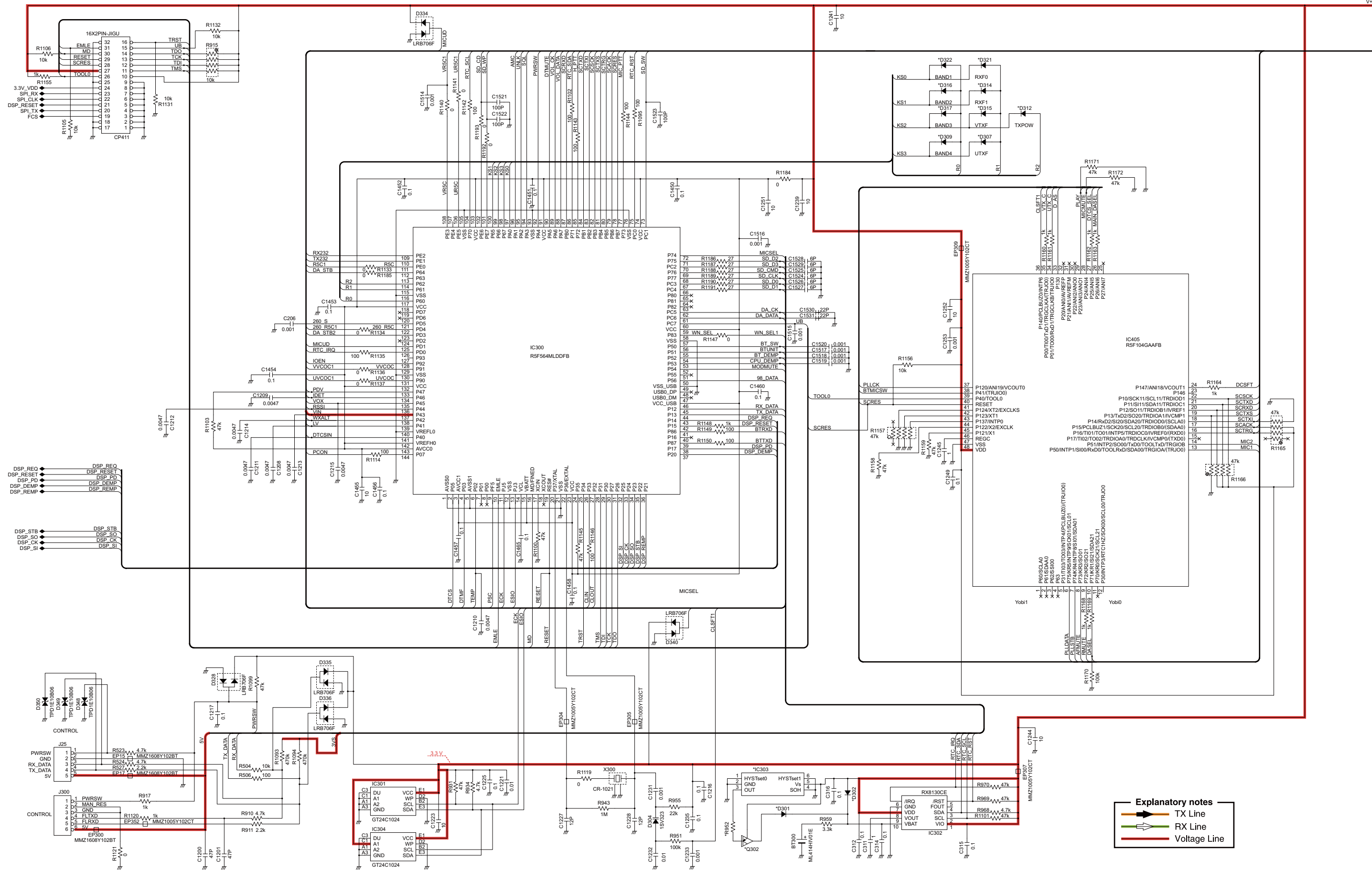
* Refer to the PARTS LIST for the value and name of component.

• MAIN UNIT (5/8)



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

• MAIN UNIT (6/8)

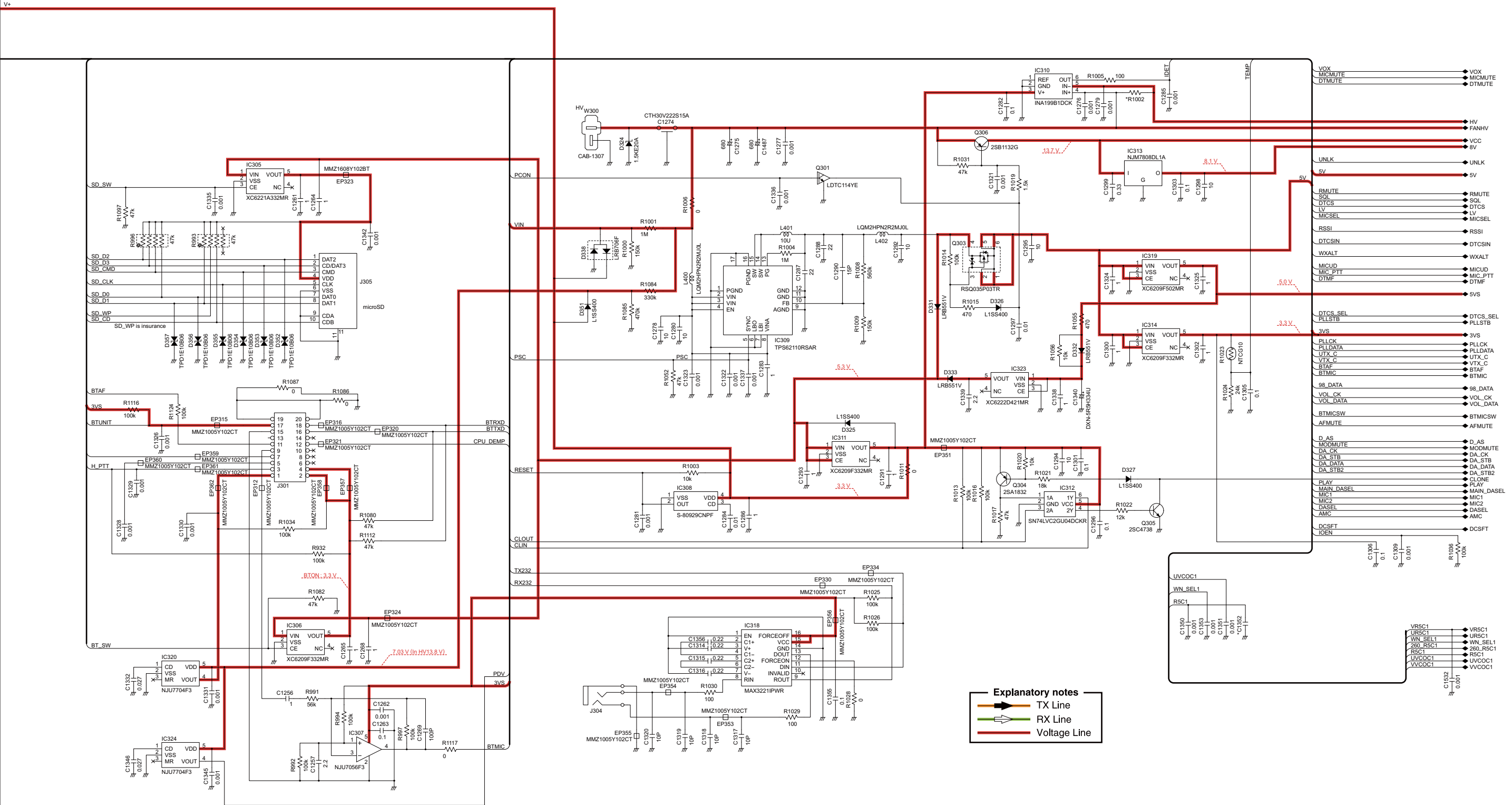


Explanatory notes

- TX Line
- RX Line
- Voltage Line

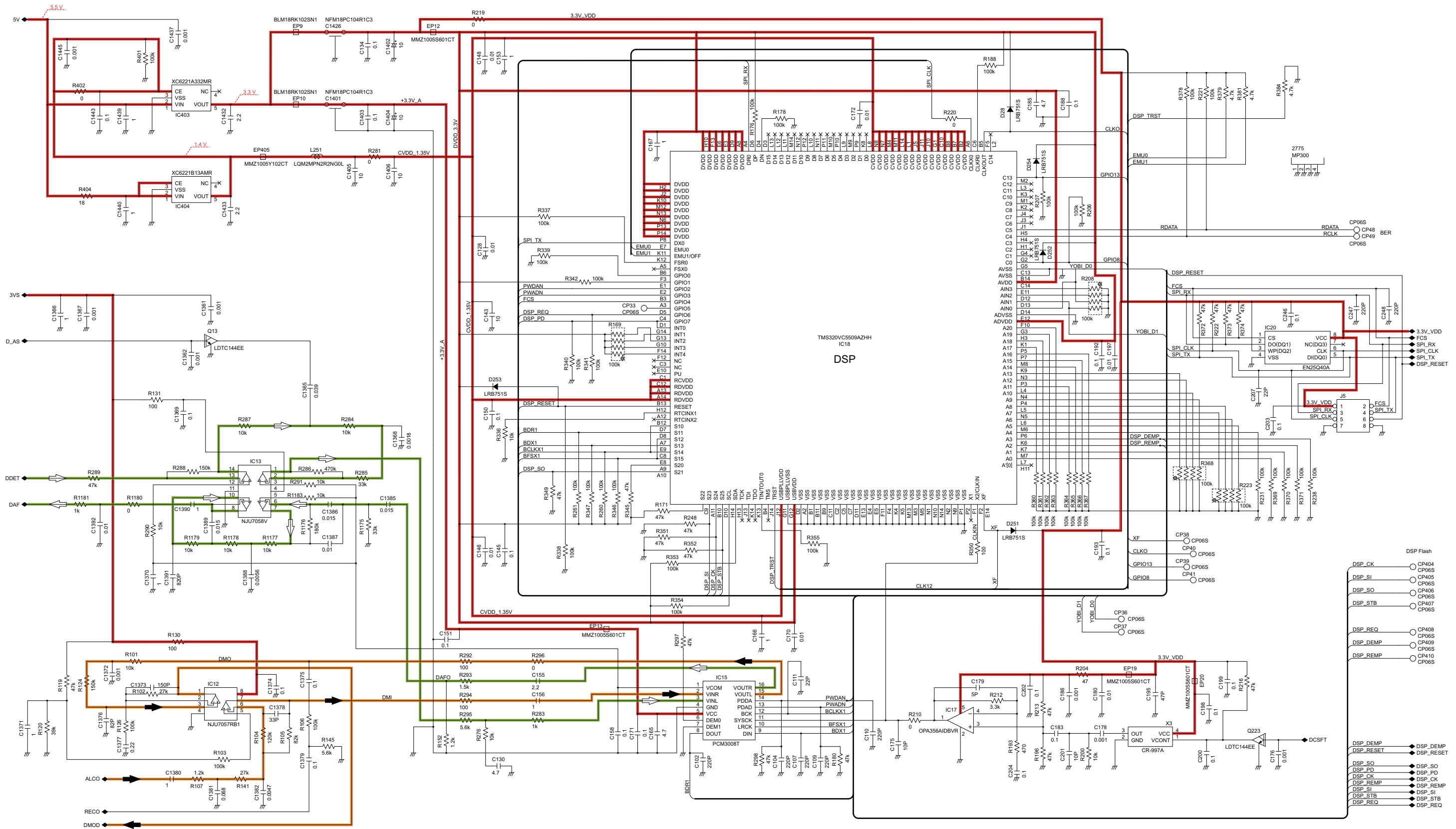
* Refer to the PARTS LIST for the value and name of component.

• MAIN UNIT (7/8)



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

• MAIN UNIT (8/8)



Explanatory notes

- ▶ TX Line
- ▶ RX Line
- ▶ Voltage Line

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

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