

Jan. 2010



SERVICE MANUAL ADDENDUM

IC-80AD IC-E80D

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[MAIN UNIT]

Table with 5 columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains parts list for the main unit.

[LOGIC UNIT]

Table with 5 columns: REF NO., PARTS NO., DESCRIPTION, M., H/V LOCATION. Contains parts list for the logic unit.

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

[LOGIC UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
D125	1750000880	S.DIO RB551V-30TE-17	T	37.8/37
D150	1790000860	S.DIO MA133(TX)	T	42/18.1
D151	1790000671	S.DIO SB07-03C-TB-E	T	38.7/17.3
D200	1790001251	S.DIO MA2S1110GL	T	37.1/13.5
D300	1790001810	S.VAR AVR-M1005C080MTABB	B	40.3/47.4
D500	1790001241	S.DIO MA2S7280GL	B	80.7/25.7
X1	6050012730	S.XTA CR-864(SMD-49/12.288 MHz) <JJE>	B	16.8/16.6
X500	6050012850	S.XTA CR-877 TTS18NSE-A11	B	69.4/11
X501	6050012840	S.XTA CR-876 TTS18NSE-A11 16.384 MHz	B	78.2/11
L100	6190001561	S.COI CDRH5D18NP-101NCI	T	41.3/41
L101	6190001571	S.COI CDRH5D28NP-101NCI 100U	B	87.6/33.8
R1	7410001130	S.ARR EXB28V102JX	T	26.8/21
R2	7410001130	S.ARR EXB28V102JX	T	25.1/19.2
R4	7030009160	S.RES ERJ2GEJ 181 X (180)	T	11.4/19.6
R8	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	29.6/24.4
R9	7030005530	S.RES ERJ2GEJ 100 X (10)	T	15.9/20.6
R10	7030005160	S.RES ERJ2GEJ 105 X (1M)	T	15.9/19.7
R11	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	16.4/15.6
R12	7030005530	S.RES ERJ2GEJ 100 X (10)	T	11.5/14.1
R14	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	15.9/17.9
R16	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	30.6/34
R20	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	16.7/39.2
R21	7410001250	S.ARR EXB28V472JX	T	30/22.6
R22	7030010040	S.RES ERJ2GEJ-JPW	T	12.5/18
R26	7030004980	S.RES ERJ2GEJ 101 X (100)	T	18.6/17.5
R28	7030010040	S.RES ERJ2GEJ-JPW	T	14.3/39
R50	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	18.9/15.5
R51	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	19.5/10.2
R52	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	18.8/12.4
R53	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	9.9/45.3
R54	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	9/45.3
R55	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	23.5/17.4
R56	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	24.4/15.1
R57	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	27.6/12.7
R58	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	28.5/12.7
R60	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	29.4/43.6
R62	7030004980	S.RES ERJ2GEJ 101 X (100)	T	23/48.5
R63	7030004980	S.RES ERJ2GEJ 101 X (100)	T	12.1/43.1
R66	7510001770	S.THE NTCG10 4LH 473JT	T	17.7/15.1
R67	7030005840	S.RES RR0510P-473-D (47K)	T	17.7/16
R68	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	20.7/16
R69	7030008010	S.RES ERJ2GEJ 123 X (12K)	T	18.7/11.2
R70	7030008290	S.RES ERJ2GEJ 183 X (18K)	T	19.8/16
R71	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	22.4/13.2
R100	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	13.2/14.1
R101	7030011930	S.RES RP1005S-R56-F (0.56)	B	82.6/49.6
R102	7030011930	S.RES RP1005S-R56-F (0.56)	B	82.6/48.7
R105	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	90/46.1
R107	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	80.9/48.5
R108	7030010040	S.RES ERJ2GEJ-JPW	B	88.6/22.3
R110	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	89.6/19
R111	7030007320	S.RES ERJ2GEJ 225 X (2.2M)	B	87.4/22.8
R112	7030005230	S.RES ERJ2GEJ 334 X (330K)	B	85.8/22.8
R113	7030007320	S.RES ERJ2GEJ 225 X (2.2M)	B	86.3/19.1
R114	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	84.8/18.6
R115	7030008270	S.RES RR0510P-104-D (100K)	B	88.6/40.8
R116	7030005830	S.RES RR0510P-223-D (22K)	B	89.8/41.3
R117	7030007310	S.RES ERJ2GEJ 153 X (1.5M)	B	84.8/19.5
R136	7030007250	S.RES ERJ2GEJ 220 X (22)	T	49.5/43.7
R150	7030003210	S.RES ERJ3GEVJ 120 V (12)	B	85.5/5.9
R151	7030003220	S.RES ERJ3GEVJ 150 V (15)	B	86.7/5.9
R152	7030003210	S.RES ERJ3GEVJ 120 V (12)	B	80.4/4.8
R153	7030003210	S.RES ERJ3GEVJ 120 V (12)	B	81.6/4.8
R154	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	84.2/4.6
R155	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	45.4/22.4
R156	7030010990	S.RES RR0510P-272-D (2.7K)	T	41.7/21.9
R157	7030006000	S.RES RR0510P-222-D (2.2K)	T	41.5/23.1
R158	7030007280	S.RES ERJ2GEJ 331 X (330)	T	43.1/23.9
R161	7030005820	S.RES RR0510P-103-D (10K)	T	41.5/24
R203	7030007280	S.RES ERJ2GEJ 331 X (330)	T	38.8/13
R204	7030007280	S.RES ERJ2GEJ 331 X (330)	T	39.7/12.3
R205	7030008280	S.RES ERJ2GEJ 271 X (270)	T	56.2/47.5
R206	7030004990	S.RES ERJ2GEJ 221 X (220)	T	58/46.6
R207	7030007280	S.RES ERJ2GEJ 331 X (330)	T	59.9/46.6
R208	7030008280	S.RES ERJ2GEJ 271 X (270)	T	61.1/47
R209	7030008280	S.RES ERJ2GEJ 271 X (270)	T	59/46.6
R210	7030007280	S.RES ERJ2GEJ 331 X (330)	T	62.8/47.5
R211	7030007280	S.RES ERJ2GEJ 331 X (330)	T	67.5/48.4
R212	7030007280	S.RES ERJ2GEJ 331 X (330)	T	57.1/46.9
R213	7030007260	S.RES ERJ2GEJ 330 X (33)	T	3.7/24.8
R214	7030007260	S.RES ERJ2GEJ 330 X (33)	T	3.7/26.7
R215	7030007260	S.RES ERJ2GEJ 330 X (33)	T	3.8/32.4
R217	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	3.3/30.7
R218	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	2.4/30.7
R219	7030005530	S.RES ERJ2GEJ 100 X (10)	T	52.9/48.5
R300	7030005000	S.RES ERJ2GEJ 471 X (470)	B	28.3/42.6
R301	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	30.3/46.6
R302	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	28.7/49.1
R303	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	26.3/43.8
R304	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	28.8/50.6
R305	7030005060	S.RES ERJ2GEJ 333 X (33K)	B	41.2/47.4
R306	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	42.1/47.4
R307	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	34.6/45.9
R308	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	33.8/47.1
R309	7030008400	S.RES ERJ2GEJ 182 X (1.8K)	B	32.9/47.1
R310	7030004980	S.RES ERJ2GEJ 101 X (100)	B	32.5/44.5

[LOGIC UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R311	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	B	33.4/44.5
R312	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	34.6/44.1
R314	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	37.9/45.5
R315	7030010040	S.RES ERJ2GEJ-JPW	B	38/43.9
R316	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	34.7/38.7
R317	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	B	33.5/39.2
R318	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	36.3/39.6
R319	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	27.9/35.5
R320	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	28.3/34.3
R321	7030005010	S.RES ERJ2GEJ 681 X (680)	B	31/35.2
R322	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	29.7/34
R323	7030010040	S.RES ERJ2GEJ-JPW	B	37.1/32.8
R325	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	31.5/38.6
R326	7030008300	S.RES ERJ2GEJ 184 X (180K)	B	35.9/32.3
R327	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	37/36.4
R328	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	34.7/31
R329	7030005100	S.RES ERJ2GEJ 154 X (150K)	B	42.4/24.4
R330	7030005000	S.RES ERJ2GEJ 471 X (470)	B	40.3/22.8
R331	7030009140	S.RES ERJ2GEJ 272 X (2.7K)	B	40.3/21.8
R333	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	38.7/22.8
R334	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	35.5/22.8
R335	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	37.1/22.8
R336	7030005080	S.RES ERJ2GEJ 823 X (82K)	B	39.5/20.9
R337	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	39.3/19.4
R338	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	31.7/30.1
R339	7030007350	S.RES ERJ2GEJ 393 X (39K)	B	32.1/32
R340	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	B	33/32
R341	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	32.5/24.6
R342	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	B	32.5/23.7
R343	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	29.2/24.1
R344	7030008300	S.RES ERJ2GEJ 184 X (180K)	B	32.8/27.5
R345	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	34/28.7
R346	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	37/29.6
R347	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	47.7/34.6
R348	7030005110	S.RES ERJ2GEJ 224 X (220K)	B	37.9/29.6
R349	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	39.7/29.6
R350	7030007340	S.RES ERJ2GEJ 153 X (15K)	B	38.8/29.6
R351	7030004980	S.RES ERJ2GEJ 101 X (100)	B	43.6/24.2
R352	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	26.7/42.6
R353	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	30.6/36.4
R400	7030000170	S.RES MCR10EZHJ 18 (180)	B	52.8/7.8
R401	7030000040	S.RES MCR10EZHJ 1.5 (1R5)	B	55.2/6.8
R402	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	B	55.1/8
R403	7030005160	S.RES ERJ2GEJ 105 X (1M)	B	26.3/3.9
R404	7030005600	S.RES ERJ2GEJ 273 X (27K)	B	26.3/3
R405	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	30.5/3.4
R406	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	32.3/5.6
R407	7030009710	S.RES ERJ2GEJ 203 X (20K)	B	33.5/5.3
R408	7030005030	S.RES ERJ2GEJ 152 X (1.5K)	B	32.2/34.7
R409	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	31.8/37
R410	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	48.4/19.5
R412	7030007260	S.RES ERJ2GEJ 330 X (33)	B	56.9/21.2
R413	7030005530	S.RES ERJ2GEJ 100 X (10)	B	57.3/17
R414	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	34.2/12.9
R415	7030000170	S.RES MCR10EZHJ 18 (180)	B	51.1/7.8
R416	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	37.6/5.3
R501	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	65.3/15.1
R502	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	65.3/14.2
R503	7030004990	S.RES ERJ2GEJ 221 X (220)	B	64.9/11.3
R504	7030004980	S.RES ERJ2GEJ 101 X (100)	B	66/17.2
R505	7030010040	S.RES ERJ2GEJ-JPW	B	61.4/12.2
R506	7410001140	S.ARR EXB28V104JX	B	51.4/40.2
R510	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	51.5/42
R511	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	44.1/44.4
R512	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	43.8/46.8
R513	7030006610	S.RES ERJ2GEJ 394 X (390K)	B	40.8/36.1
R514	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	42.8/31.4
R515	7030005220	S.RES ERJ2GEJ 223 X (22K)	B	45/34.6
R516	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	51.7/30.7
R517	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	50/30.2
R518	7030005530	S.RES ERJ2GEJ 100 X (10)	B	50.8/33.1
R519	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	75.7/42.9
R520	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	46.4/44.6
R521	7030005170	S.RES ERJ2GEJ 474 X (470K)	B	48.2/47.1
R522	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	47/46.9
R523	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	56/45.6
R524	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	57.8/47.1
R525	7030004980	S.RES ERJ2GEJ 101 X (100)	B	57.7/49.8
R526	7030005240	S.RES ERJ2GEJ 473 X (47K)	B	54.8/46.6
R527	7030005010	S.RES ERJ2GEJ 681 X (680)	B	62.1/38.5
R528	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	63.3/38.2
R530	7030004980	S.RES ERJ2GEJ 101 X (100)	B	75.8/12.8
R531	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	77.8/15.2
R532	7030005090	S.RES ERJ2GEJ 104 X (100K)	B	78.7/17.3
R533	7030004990	S.RES ERJ2GEJ 221 X (220)	B	78/13.6
R534	7030007280	S.RES ERJ2GEJ 331 X (330)	B	80.4/22.5
R535	7030005120	S.RES ERJ2GEJ 102 X (1K)	B	

[LOGIC UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R620	7030005050	S.RES ERJ2GEJ 103 X (10K)	B	16.6/40.3
R621	7030005070	S.RES ERJ2GEJ 683 X (68K)	B	23.9/37.1
R622	7030005310	S.RES ERJ2GEJ 124 X (120K)	B	23/37.1
R624	7030010040	S.RES ERJ2GEJ-JPW	B	23/39.5
C1	4030016930	S.CER ECJ0EB1A104K	T	12.7/20.1
C2	4030016930	S.CER ECJ0EB1A104K	T	15.5/15.6
C3	4030016930	S.CER ECJ0EB1A104K	B	22.1/40.7
C4	4030016930	S.CER ECJ0EB1A104K	T	22.3/18.4
C5	4030017460	S.CER ECJ0EB1E102K	T	29.1/14.7
C6	4030017460	S.CER ECJ0EB1E102K	T	29.1/15.6
C7	4030017460	S.CER ECJ0EB1E102K	T	29.1/19.4
C8	4030017460	S.CER ECJ0EB1E102K	T	29.1/18.3
C9	4030017460	S.CER ECJ0EB1E102K	T	29.1/17.4
C10	4030017460	S.CER ECJ0EB1E102K	T	29.1/16.5
C11	4030016930	S.CER ECJ0EB1A104K	T	29.1/20.3
C12	4030016930	S.CER ECJ0EB1A104K	T	30.6/35.6
C13	4030017390	S.CER ECJ0EC1H180J	T	14.3/19.7
C14	4030017630	S.CER ECJ0EC1H120J	T	14.3/18.8
C15	4030017650	S.CER ECJ0EC1H270J	T	15.9/18.8
C16	4030016930	S.CER ECJ0EB1A104K	T	15.9/16.9
C32	4550007720	S.TAN TEESVP 0G 476M8R	B	22/42.3
C33	4030016930	S.CER ECJ0EB1A104K	T	15.5/38.3
C50	4030016930	S.CER ECJ0EB1A104K	T	19.5/9.3
C52	4030017460	S.CER ECJ0EB1E102K	B	10.6/40.9
C53	4030017460	S.CER ECJ0EB1E102K	T	25.6/15.5
C54	4030017460	S.CER ECJ0EB1E102K	T	25.6/14.6
C55	4030017460	S.CER ECJ0EB1E102K	T	26.7/12.7
C56	4030017460	S.CER ECJ0EB1E102K	T	24.3/10.7
C57	4030016930	S.CER ECJ0EB1A104K	T	12.1/41.1
C58	4030017460	S.CER ECJ0EB1E102K	T	27.2/45.1
C60	4030011810	S.CER C1608 JB 1A 224K-T	T	21.5/41.8
C61	4030011810	S.CER C1608 JB 1A 224K-T	T	22.8/41.8
C62	4030011810	S.CER C1608 JB 1A 224K-T	T	21.5/44.5
C63	4030011810	S.CER C1608 JB 1A 224K-T	T	22.8/44.5
C67	4030017620	S.CER ECJ0EC1H100C	T	19.2/49.9
C68	4030017620	S.CER ECJ0EC1H100C	T	23.9/50.1
C100	4030011600	S.CER C1608 JB 1E 104K-T	B	26.8/24.5
C101	4030017030	S.CER ECJ0EB1A273K	T	14.4/9.7
C102	4030016930	S.CER ECJ0EB1A104K	B	25.5/17.3
C103	4030019460	S.CER C1608 JB 0J 106M-T	B	25.1/18.5
C104	4550007940	S.TAN TCP0J226M8R	T	47.8/43.7
C105	4550007940	S.TAN TCP0J226M8R	T	46.4/3.7
C106	4550007940	S.TAN TCP0J226M8R	T	37.8/29.8
C107	4550007940	S.TAN TCP0J226M8R	T	39.4/26
C108	4030019320	S.CER C1608 X7R 1C 105K-T	B	80.7/50.4
C109	4510007980	S.ELE 16SVP22M-AIC	B	35.6/17.7
C110	4030017440	S.CER ECJ0EC1H221J	B	88.8/46.2
C111	4550007880	S.TAN TEESVBZ 1A 686M8R	B	87.9/38.7
C112	4030018560	S.CER C2012 JB 1A 475K-T	B	85.8/29.7
C113	4030018860	S.CER ECJ0EB0J105K	T	52.4/45.4
C114	4030017460	S.CER ECJ0EB1E102K	T	52.4/46.3
C115	4030017460	S.CER ECJ0EB1E102K	B	90.8/18.6
C116	4030017490	S.CER C1608 JB 1A 105K-T	T	52.5/43.6
C117	4030017460	S.CER ECJ0EB1E102K	T	51.1/43.7
C118	4030016930	S.CER ECJ0EB1A104K	B	80.9/49.4
C119	4030017400	S.CER ECJ0EC1H220J	B	86.9/50.6
C120	4030017700	S.CER ECJ0EC1H151J	B	88.6/41.7
C121	4030016790	S.CER ECJ0EB1C103K	B	88.6/20.5
C123	4030017460	S.CER ECJ0EB1E102K	B	90.3/29.7
C124	4030016930	S.CER ECJ0EB1A104K	B	89.4/29.7
C150	4030017460	S.CER ECJ0EB1E102K	B	86.4/3.8
C151	4030017460	S.CER ECJ0EB1E102K	T	49.3/21.2
C152	4030017460	S.CER ECJ0EB1E102K	T	45.4/23.3
C214	4030017460	S.CER ECJ0EB1E102K	T	37.6/12.4
C215	4030017460	S.CER ECJ0EB1E102K	T	35.9/12.4
C216	4030017460	S.CER ECJ0EB1E102K	T	38.3/14.6
C217	4030017460	S.CER ECJ0EB1E102K	T	51.1/50.1
C219	4030017460	S.CER ECJ0EB1E102K	T	56/49.1
C220	4030017460	S.CER ECJ0EB1E102K	T	2.8/24.8
C221	4030017460	S.CER ECJ0EB1E102K	T	2.4/32.4
C222	4030017460	S.CER ECJ0EB1E102K	T	2.3/26.5
C223	4550007940	S.TAN TCP0J226M8R	T	54.6/49.7
C300	4030018860	S.CER ECJ0EB0J105K	B	28.2/43.8
C301	4030017460	S.CER ECJ0EB1E102K	B	28.7/47.3
C302	4030017460	S.CER ECJ0EB1E102K	B	28.7/48.2
C303	4030016950	S.CER ECJ0EB1A473K	B	27.3/43.8
C304	4030017460	S.CER ECJ0EB1E102K	B	32.1/42
C305	4030016790	S.CER ECJ0EB1C103K	B	31.6/44.5
C306	4030018860	S.CER ECJ0EB0J105K	B	34.7/47.1
C307	4030017460	S.CER ECJ0EB1E102K	B	35.6/47.1
C308	4030019460	S.CER C1608 JB 0J 106M-T	B	31.9/46.6
C309	4030016930	S.CER ECJ0EB1A104K	B	34.6/45
C310	4030019460	S.CER C1608 JB 0J 106M-T	B	39.4/5.2
C311	4030016930	S.CER ECJ0EB1A104K	B	34.3/42.8
C312	4030016930	S.CER ECJ0EB1A104K	B	34.7/39.6
C313	4030018860	S.CER ECJ0EB0J105K	B	37.9/39.6
C314	4030016930	S.CER ECJ0EB1A104K	B	30.6/34
C315	4030017770	S.CER ECJ0EB1E332K	B	28.8/35.5
C316	4030016790	S.CER ECJ0EB1C103K	B	29.7/36.3
C317	4030016930	S.CER ECJ0EB1A104K	B	33.9/37.8
C318	4030017460	S.CER ECJ0EB1E102K	B	30.6/38.6
C319	4030016930	S.CER ECJ0EB1A104K	B	34.7/32.8
C320	4030016790	S.CER ECJ0EB1C103K	B	36.2/37.6
C321	4030019460	S.CER C1608 JB 0J 106M-T	B	38/35.9
C322	4030017460	S.CER ECJ0EB1E102K	B	43.8/19.1
C324	4030017460	S.CER ECJ0EB1E102K	B	44.7/19.1
C325	4030016950	S.CER ECJ0EB1A473K	B	37.1/31.9
C326	4030018390	S.CER ECJ0EB1A563K	B	35.9/30.5
C327	4030017920	S.CER ECJ0EB1A683K	B	41.9/22.8
C328	4030018860	S.CER ECJ0EB0J105K	B	41.9/21.8
C329	4030017710	S.CER ECJ0EC1H181J	B	41.5/24.4
C330	4030017460	S.CER ECJ0EB1E102K	B	43.6/25.1
C331	4030018860	S.CER ECJ0EB0J105K	B	40.6/29.1

[LOGIC UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C332	4030016790	S.CER ECJ0EB1C103K	B	41.5/26.5
C333	4550007940	S.TAN TCP0J226M8R	B	42.9/27.2
C334	4030018110	S.CER ECJ0EB1H272K	B	37.3/21.7
C335	4030018140	S.CER ECJ0EB1H391K	B	34.3/20.9
C336	4030019460	S.CER C1608 JB 0J 106M-T	B	41.6/22.5
C337	4030017920	S.CER ECJ0EB1A683K	B	31.2/31.3
C338	4030017040	S.CER ECJ0EB1A333K	B	30.9/32.5
C339	4030017460	S.CER ECJ0EB1E102K	B	28.3/22.2
C340	4030017040	S.CER ECJ0EB1A333K	B	32.8/25.8
C341	4030016960	S.CER ECJ0EB1C183K	B	30.1/24.1
C342	4030017460	S.CER ECJ0EB1E102K	B	29.4/28.8
C343	4030018860	S.CER ECJ0EB0J105K	B	32.8/29.1
C344	4030017460	S.CER ECJ0EB1E102K	B	30.6/25.3
C347	4030017460	S.CER ECJ0EB1E102K	B	37/34.7
C400	4030017460	S.CER ECJ0EB1E102K	B	38.1/10.1
C401	4030017460	S.CER ECJ0EB1E102K	B	55.5/5.2
C403	4030017460	S.CER ECJ0EB1E102K	B	26.3/4.9
C404	4030017460	S.CER ECJ0EB1E102K	B	28.7/3.4
C405	4030018860	S.CER ECJ0EB0J105K	B	29.6/34
C408	4030017460	S.CER ECJ0EB1E102K	B	46.4/14.3
C409	4030016930	S.CER ECJ0EB1A104K	B	31.8/36.1
C412	4550006250	S.TAN TEESVA 1A 106M8R	B	50/23.9
C413	4030016930	S.CER ECJ0EB1A104K	B	46.4/15.2
C414	4510009340	S.ELE EEEHA1C101WP	B	42.1/14.6
C415	4030016950	S.CER ECJ0EB1A473K	B	57.4/18.2
C416	4510009020	S.ELE EEE0JA331P	B	44.8/5.6
C417	4030017460	S.CER ECJ0EB1E102K	B	38.8/5
C418	4030017460	S.CER ECJ0EB1E102K	B	52.4/34.1
C420	4510008040	S.ELE EEFCD 0K 330R	B	30.3/18.6
C421	4030018520	S.CER C1608 JB 0J 225M-T	B	27.7/3.9
C422	4030017420	S.CER ECJ0EC1H470J	B	57.7/19.8
C423	4030016930	S.CER ECJ0EB1A104K	B	47.5/18.6
C500	4030016930	S.CER ECJ0EB1A104K	B	71.9/10.5
C501	4030017460	S.CER ECJ0EB1E102K	B	66.5/11.4
C503	4030017460	S.CER ECJ0EB1E102K	B	66.3/12.8
C504	4030016930	S.CER ECJ0EB1A104K	B	64.9/10.3
C505	4030016930	S.CER ECJ0EB1A104K	B	65.3/16.1
C506	4030017460	S.CER ECJ0EB1E102K	B	65.1/17.3
C507	4030017400	S.CER ECJ0EC1H220J	B	44.1/45.3
C508	4030018860	S.CER ECJ0EB0J105K	B	50.8/38.2
C509	4030017460	S.CER ECJ0EB1E102K	B	50.1/44.6
C510	4030016930	S.CER ECJ0EB1A104K	B	44.4/32.9
C511	4030016930	S.CER ECJ0EB1A104K	B	43.5/34.4
C512	4030017030	S.CER ECJ0EB1A273K	B	42.1/35.2
C513	4030017030	S.CER ECJ0EB1A273K	B	40.5/37.7
C514	4030017460	S.CER ECJ0EB1E102K	B	43.5/32.8
C515	4030016930	S.CER ECJ0EB1A104K	B	41/31.4
C516	4030017760	S.CER ECJ0EB1H222K	B	46.5/33.7
C517	4030016930	S.CER ECJ0EB1A104K	B	77.8/43.7
C518	4030016930	S.CER ECJ0EB1A104K	B	73.4/43.7
C519	4030018520	S.CER C1608 JB 0J 225M-T	B	75.2/44
C520	4030017420	S.CER ECJ0EC1H470J	B	79/43.7
C521	4030019460	S.CER C1608 JB 0J 106M-T	B	61.6/40.9
C522	4030016930	S.CER ECJ0EB1A104K	B	63/41.1
C523	4030016930	S.CER ECJ0EB1A104K	B	63.5/43.8
C524	4030016970	S.CER ECJ0EB1C223K	B	62.1/37.6
C525	4030016950	S.CER ECJ0EB1A473K	B	63.3/39.9
C526	4030016930	S.CER ECJ0EB1A104K	B	63.6/37
C527	4030016930	S.CER ECJ0EB1A104K	B	51.6/50.2
C528	4030018860	S.CER ECJ0EB0J105K	B	45.4/46.9
C529	4030016930	S.CER ECJ0EB1A104K	B	52.8/44.8
C530	4030016930	S.CER ECJ0EB1A104K	B	75.8/10.1
C531	4030016930	S.CER ECJ0EB1A104K	B	77.1/13.6
C532	4030017460	S.CER ECJ0EB1E102K	B	80.7/11
C534	4030017460	S.CER ECJ0EB1E102K	B	80.7/14.5
C535	4030016930	S.CER ECJ0EB1A104K	B	78.9/13.6
C536	4030016930	S.CER ECJ0EB1A104K	B	80.5/17.3
C537	4030016930	S.CER ECJ0EB1A104K	B	75.7/18.4
C538	4030016930	S.CER ECJ0EB1A104K	B	71.7/18.4
C539	4030016930	S.CER ECJ0EB1A104K	B	70.1/18.4
C540	4030016930	S.CER ECJ0EB1A104K	B	62.5/20.6
C541	4030016930	S.CER ECJ0EB1A104K	B	62.2/34.4
C542	4030016930	S.CER ECJ0EB1A104K	B	68.7/36.5
C543	4030016930	S.CER ECJ0EB1A104K	B	78.2/35.3
C544	4030016930	S.CER ECJ0EB1A104K	B	77/35.5
C545	4030016930	S.CER ECJ0EB1A104K	B	78.2/34.4
C546	4030017420	S.CER ECJ0EC1H470J	B	79.6/26.2
C547	4030017460	S.CER ECJ0EB1E102K	B	49.1/26
C548	4030018520	S.CER C1608 JB 0J 225M-T	B	47.1/26
C549	4030017460	S.CER ECJ0EB1E102K	B	46/26.4
C550	4030017460	S.CER ECJ0EB1E102K	B	50.8/29.3
C551	4030012610	S.CER C2012 JB 1C 474K-T	T	66.3/38.6
C552	4030018860	S.CER ECJ0EB0J105K	T	63.8/39.1
C553	4030018860	S.CER ECJ0EB0J105K	T	63.8/39.2
C554	4030018860	S.CER ECJ0EB0J105K	T	65.9/35.1
C555	4030018860	S.CER ECJ0EB0J105K		

[LOGIC UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
DS202	5040003480	S.LED VFY1111C-4BX-4C-TR	T	54.1/11.1
DS203	5040003480	S.LED VFY1111C-4BX-4C-TR	T	69.1/13.1
DS204	5040003480	S.LED VFY1111C-4BX-4C-TR	T	77.5/22.7
DS205	5040003480	S.LED VFY1111C-4BX-4C-TR	T	77.3/39.9
DS206	5040003480	S.LED VFY1111C-4BX-4C-TR	T	84.3/14.1
DS207	5040003480	S.LED VFY1111C-4BX-4C-TR	T	84.8/31.3
DS208	5040003480	S.LED VFY1111C-4BX-4C-TR	T	83.8/48.5
DS209	5040003480	S.LED VFY1111C-4BX-4C-TR	T	42.6/5.1
DS210	5040003480	S.LED VFY1111C-4BX-4C-TR	T	5.6/39.5
DS211	5040003480	S.LED VFY1111C-4BX-4C-TR	T	5.6/26.7
DS212	5040003480	S.LED VFY1111C-4BX-4C-TR	T	5.6/14
MC300	7700002850	MIC EM6022P-65B-G <HOR>		
W1	7030012290	JUM RDS2T0R0		
EP50	6910018460	S.BEA MMZ1005Y102C-T	T	11.2/41
EP51	6910018460	S.BEA MMZ1005Y102C-T	T	23.9/48.5
EP52	6910018460	S.BEA MMZ1005Y102C-T	T	18.8/48.7
EP53	6910018460	S.BEA MMZ1005Y102C-T	T	23.5/51.7
EP100	6910018460	S.BEA MMZ1005Y102C-T	T	37.6/27.6
EP101	6910018460	S.BEA MMZ1005Y102C-T	T	46.9/45.7
EP102	6910018460	S.BEA MMZ1005Y102C-T	B	88.2/29.4
EP500	6910018460	S.BEA MMZ1005Y102C-T	B	72.4/11.7
EP501	6910018460	S.BEA MMZ1005Y102C-T	B	66.5/15.6
EP502	6910018460	S.BEA MMZ1005Y102C-T	B	45.6/32.6
EP503	6910018460	S.BEA MMZ1005Y102C-T	B	42.8/30.5
EP504	6910018460	S.BEA MMZ1005Y102C-T	B	76.9/43.7
EP505	6910018460	S.BEA MMZ1005Y102C-T	B	77.8/42
EP506	6910018460	S.BEA MMZ1005Y102C-T	B	62.7/42.5
EP507	6910018460	S.BEA MMZ1005Y102C-T	B	50.3/49.8
EP508	6910018460	S.BEA MMZ1005Y102C-T	B	74.1/11.7
EP509	6910018460	S.BEA MMZ1005Y102C-T	T	64.8/30.5
MP500	8510017840	S.PLA OG-321610G	B	68.1/48.7
MP510	8510017840	S.PLA OG-321610G	B	68.1/5.3

[VCO UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
Q1	1530003560	S.TRA 2SC5195-T1	T	10.4/16.5
Q2	1590003281	S.TRA UNR9211G0L	T	4.6/15.1
Q51	1530003560	S.TRA 2SC5195-T1	T	14/9.6
Q52	1590003281	S.TRA UNR9211G0L	T	18.1/17.4
Q101	1530003260	S.TRA 2SC5006-T1	T	9/2.5
Q102	1590003281	S.TRA UNR9211G0L	T	19/1.8
Q200	1530003260	S.TRA 2SC5006-T1	T	8.8/10.9
Q201	1530003260	S.TRA 2SC5006-T1	T	3.8/3.5
Q202	1530003260	S.TRA 2SC5006-T1	T	5.6/11.4
D1	1750001270	S.VAR 1SV325(TPH3,F)	T	3.2/18
D2	1790001621	S.DIO 1SV308(TPL3,F)	T	7.1/16.3
D3	1750001270	S.VAR 1SV325(TPH3,F)	T	12.2/15.5
D4	1790001251	S.DIO MA2S1110GL	T	12.8/18.9
D5	1750001270	S.VAR 1SV325(TPH3,F)	T	4.4/17.3
D6	1750001270	S.VAR 1SV325(TPH3,F)	T	12.2/14.3
D51	1750000771	S.VAR HVC376BTFR-E	T	16.5/14.2
D52	1790001261	S.DIO MA2S077G0L	T	14.6/17.7
D53	1790001251	S.DIO MA2S1110GL	T	12.4/7.4
D54	1750001270	S.VAR 1SV325(TPH3,F)	T	15.6/12.4
D55	1720000651	S.VAR 1SV286(TPH3,F)	T	17.4/10.6
D100	1720000651	S.VAR 1SV286(TPH3,F)	T	17.4/1.6
D101	1750000721	S.VAR HVC375BTFR-E	T	12.2/2.2
D102	1790001261	S.DIO MA2S077G0L	T	16.8/5.4
D103	1790001251	S.DIO MA2S1110GL	T	7.4/1.6
D104	1750000721	S.VAR HVC375BTFR-E	T	13.9/3.1
L2	6200011650	S.COI LQW18AN68NG00D	T	6.8/18.3
L3	6200011660	S.COI LQW18ANR15G00D	T	5/19.1
L52	6200010850	S.COI LQW18AN22NG00D (LQW1608A22NG00D)	T	14.7/13.9
L53	6200012050	S.COI LQW18AN24NG00D	T	14.7/15.1
L101	6200011031	S.COI ELJRF R10JFB	T	7.6/3.5
L102	6200010120	S.COI LQW18AN5N6C00D	T	12.3/4.7
L103	6200012060	S.COI LQW18AN9N1D00D	T	14.1/5.4
L200	6200010991	S.COI ELJRF 47NJFB	T	2.3/1.5
L202	6200007951	S.COI ELJRF 8N2JFB (8.2)	T	3.6/10.1
L203	6200007931	S.COI ELJRF 12NJFB	T	4.1/1.5
L204	6200007961	S.COI ELJRF 6N8JFB (6.8)	T	6.3/5
R1	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	6.2/15
R2	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	8/15
R3	7030004970	S.RES ERJ2GEJ 470 X (47)	T	10.7/18.8
R4	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	10.7/17.9
R5	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	9.1/18.8
R6	7030005710	S.RES ERJ2GEJ 121 X (120)	T	10/13.8
R7	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	11.6/12.4
R8	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	2.8/16.4
R9	7030010040	S.RES ERJ2GEJ-JPW	T	11.6/13.3
R10	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	7.1/15
R50	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	17.5/13.9
R51	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	16.5/17.2
R52	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	15.6/16.4
R53	7030004970	S.RES ERJ2GEJ 470 X (47)	T	12.8/8.4
R54	7030005210	S.RES ERJ2GEJ 822 X (8.2K)	T	15.5/9.5
R55	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	16.4/9.5
R56	7030007270	S.RES ERJ2GEJ 151 X (150)	T	12.3/10.2
R58	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	18.9/11.8
R59	7030005600	S.RES ERJ2GEJ 273 X (27K)	T	18.9/10.2
R60	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	13.8/16.4
R61	7030007320	S.RES ERJ2GEJ 225 X (2.2M)	T	19.8/13.4
R62	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	17.7/12.7
R101	7030005240	S.RES ERJ2GEJ 473 X (47K)	T	17.9/6.5
R102	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	15.6/6.5
R104	7030007300	S.RES ERJ2GEJ 332 X (3.3K)	T	9.2/1
R105	7030005050	S.RES ERJ2GEJ 103 X (10K)	T	9/4.7
R106	7030004990	S.RES ERJ2GEJ 221 X (220)	T	10.2/5.6
R107	7030005090	S.RES ERJ2GEJ 104 X (100K)	T	18.2/7.4
R108	7030007320	S.RES ERJ2GEJ 225 X (2.2M)	T	16.6/7.4
R109	7030008410	S.RES ERJ2GEJ 392 X (3.9K)	T	16.6/8.3
R110	7030007340	S.RES ERJ2GEJ 153 X (15K)	T	18.9/10.2
R111	7030005120	S.RES ERJ2GEJ 102 X (1K)	T	15.2/3.3
R112	7030007290	S.RES ERJ2GEJ 222 X (2.2K)	T	16.6/4.1
R113	7030005040	S.RES ERJ2GEJ 472 X (4.7K)	T	20.2/16.2
R114	7030010040	S.RES ERJ2GEJ-JPW	T	19.4/3.4
R115	7030010040	S.RES ERJ2GEJ-JPW	T	17.8/3.4
R116	7030004980	S.RES ERJ2GEJ 101 X (100)	T	10/8.2
R200	7030009160	S.RES ERJ2GEJ 181 X (180)	T	7.5/13.2
R201	7030005070	S.RES ERJ2GEJ 683 X (68K)	T	9.5/9.4
R202	7030005300	S.RES ERJ2GEJ 150 X (15)	T	8.9/7
R203	7030004970	S.RES ERJ2GEJ 470 X (47)	T	7.7/8.2
R204	7030005570	S.RES ERJ2GEJ 820 X (82)	T	7.3/7
R205	7030004970	S.RES ERJ2GEJ 470 X (47)	T	2.1/2.7
R206	7030005060	S.RES ERJ2GEJ 333 X (33K)	T	5.3/3.9
R207	7030004970	S.RES ERJ2GEJ 470 X (47)	T	5.9/8.1
R208	7030005070	S.RES ERJ2GEJ 683 X (68K)	T	5.9/9
C1	4030017460	S.CER ECJ0EB1E102K	T	3.1/13.6
C3	4030017690	S.CER ECJ0EC1H121J	T	9.1/17.9
C4	4030016790	S.CER ECJ0EB1C103K	T	7.9/17.6
C5	4030016790	S.CER ECJ0EB1C103K	T	5.5/17
C6	4030017460	S.CER ECJ0EB1E102K	T	3.1/15.2
C7	4030017460	S.CER ECJ0EB1E102K	T	12.8/17.5
C8	4030016790	S.CER ECJ0EB1C103K	T	11.9/17.5
C9	4030017680	S.CER ECJ0EC1H820J	T	8.8/16.6
C10	4030017460	S.CER ECJ0EB1E102K	T	10/14.7
C11	4030017530	S.CER ECJ0EC1H0R5B	T	10.3/11.9
C51	4030017460	S.CER ECJ0EB1E102K	T	18.9/13.8
C53	4030018070	S.CER ECJ0EC1H300J	T	15.5/11.1
C54	4030017460	S.CER ECJ0EB1E102K	T	14.7/16.4
C55	4030017460	S.CER ECJ0EB1E102K	T	17.5/15.7

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

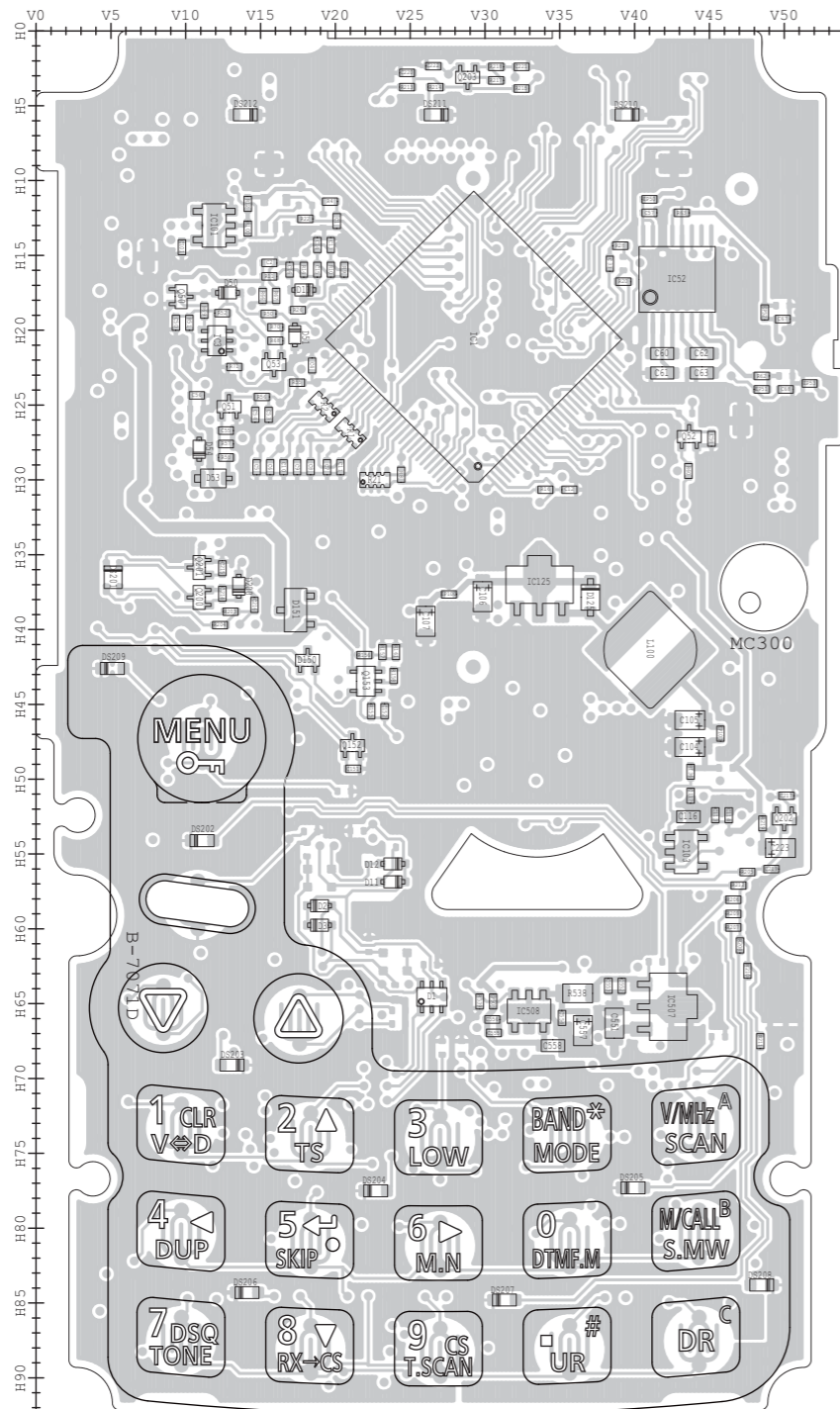
[VCO UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C56	4030017460	S.CER ECJ0EB1E102K	T	19.6/17.7
C57	4030017460	S.CER ECJ0EB1E102K	T	12.3/9.3
C58	4030017460	S.CER ECJ0EB1E102K	T	14.9/8
C59	4030017650	S.CER ECJ0EC1H270J	T	13.9/11.1
C60	4030017420	S.CER ECJ0EC1H470J	T	13.4/12.3
C61	4030017540	S.CER ECJ0EC1HR75B	T	12.3/11.1
C62	4030016930	S.CER ECJ0EB1A104K	T	19.8/11.8
C63	4030017530	S.CER ECJ0EC1H0R5B	T	16.4/11.1
C101	4030017460	S.CER ECJ0EB1E102K	T	15.9/1.5
C102	4030017500	S.CER ECJ0EC1H560J	T	15.9/2.4
C103	4030017620	S.CER ECJ0EC1H100C	T	10.8/1.1
C104	4030017460	S.CER ECJ0EB1E102K	T	14/6.5
C105	4030017460	S.CER ECJ0EB1E102K	T	17.8/4.4
C106	4030017460	S.CER ECJ0EB1E102K	T	19.8/4.5
C107	4030017460	S.CER ECJ0EB1E102K	T	7.2/4.7
C108	4030017460	S.CER ECJ0EB1E102K	T	8.1/4.7
C109	4030017390	S.CER ECJ0EC1H180J	T	10.5/2.5
C110	4030017380	S.CER ECJ0EC1H050B	T	10.2/4.7
C111	4030017550	S.CER ECJ0EC1H1R5B	[EUR] T	10.7/6.8
	4030017550	S.CER ECJ0EC1H1R5B	[UK]	
	4030017550	S.CER ECJ0EC1H1R5B	[ITR]	
	4030017350	S.CER ECJ0EC1H020B	[USA]	
	4030017550	S.CER ECJ0EC1H1R5B	[FRA]	
	4030017350	S.CER ECJ0EC1H020B	[SEA]	
	4030017350	S.CER ECJ0EC1H020B	[CHN]	
	4030017350	S.CER ECJ0EC1H020B	[KOR]	
	4030017350	S.CER ECJ0EC1H020B	[AUS]	
	4030017350	S.CER ECJ0EC1H020B	[EXP]	
C112	4030017530	S.CER ECJ0EC1H0R5B	T	12.5/1.1
C114	4030017460	S.CER ECJ0EB1E102K	T	18/8.6
C115	4030016930	S.CER ECJ0EB1A104K	T	18.9/8.6
C116	4030017460	S.CER ECJ0EB1E102K	T	19.8/7.7
C117	4030018860	S.CER ECJ0EB0J105K	T	19.8/15
C118	4030017640	S.CER ECJ0EC1H150J	T	10.2/3.8
C200	4030017460	S.CER ECJ0EB1E102K	T	8.4/12.9
C201	4030017460	S.CER ECJ0EB1E102K	T	9.1/8.2
C202	4030017460	S.CER ECJ0EB1E102K	T	2.4/5.6
C203	4030017460	S.CER ECJ0EB1E102K	T	2.3/4.4
C204	4030017460	S.CER ECJ0EB1E102K	T	5.3/5.5
C205	4030017460	S.CER ECJ0EB1E102K	T	3.2/1.5
C206	4030017460	S.CER ECJ0EB1E102K	T	5.6/12.9
C207	4030017460	S.CER ECJ0EB1E102K	T	7.2/10.5
C208	4030017460	S.CER ECJ0EB1E102K	T	3.1/11.9
C209	4030017380	S.CER ECJ0EC1H050B	T	3.3/8.3
C210	4030017380	S.CER ECJ0EC1H050B	T	2.4/8.3
C211	4030017360	S.CER ECJ0EC1H030B	T	2.7/10.1
C213	4030017590	S.CER ECJ0EC1H070C	T	5.5/2.7
J1	6510025380	S.CON AXK716147G	B	4.8/10

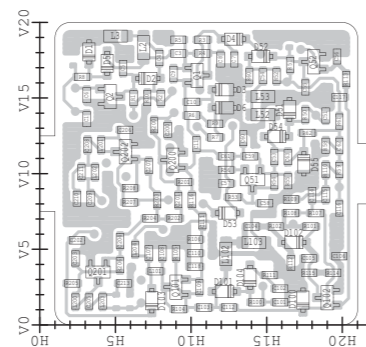
M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

BOARD LAYOUTS

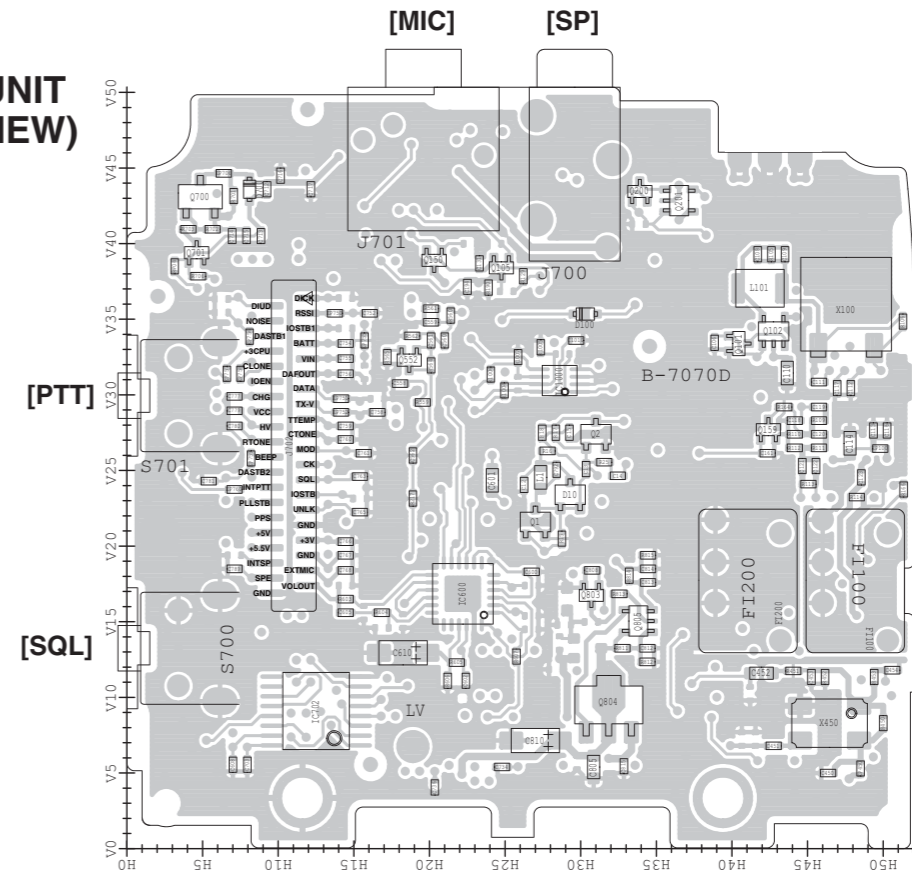
• LOGIC UNIT (TOP VIEW)



• VCO UNIT (TOP VIEW)

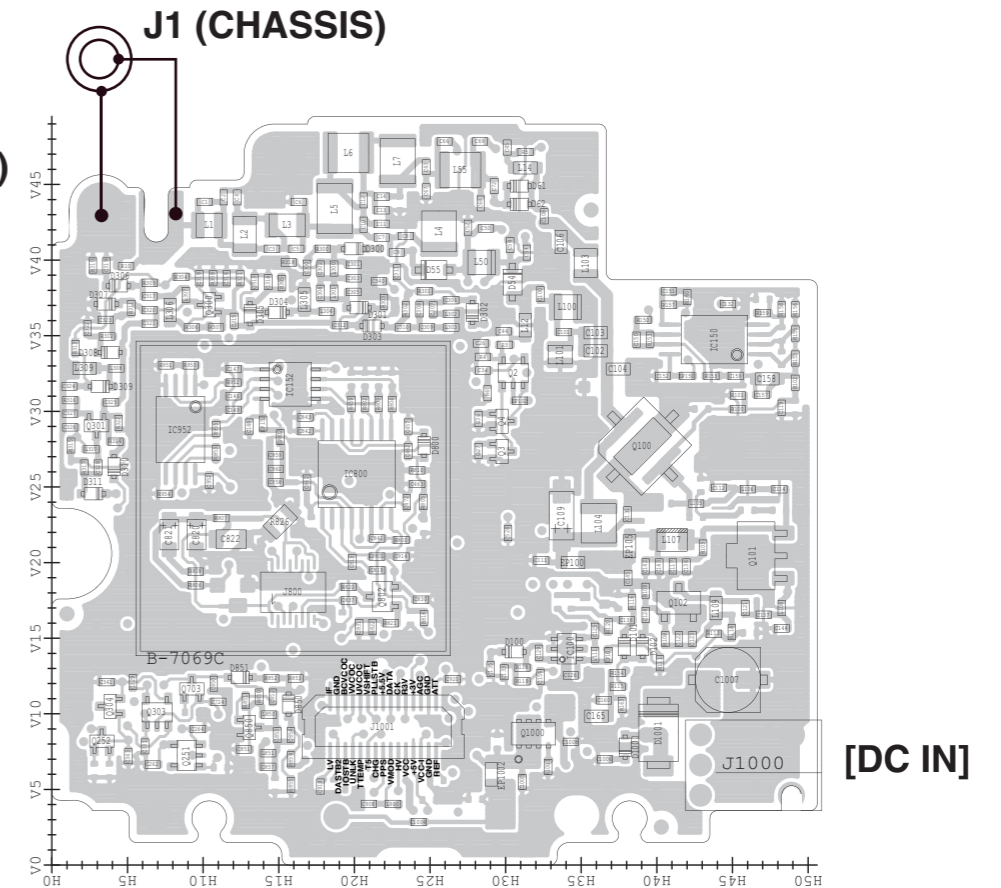


• MAIN UNIT (TOP VIEW)

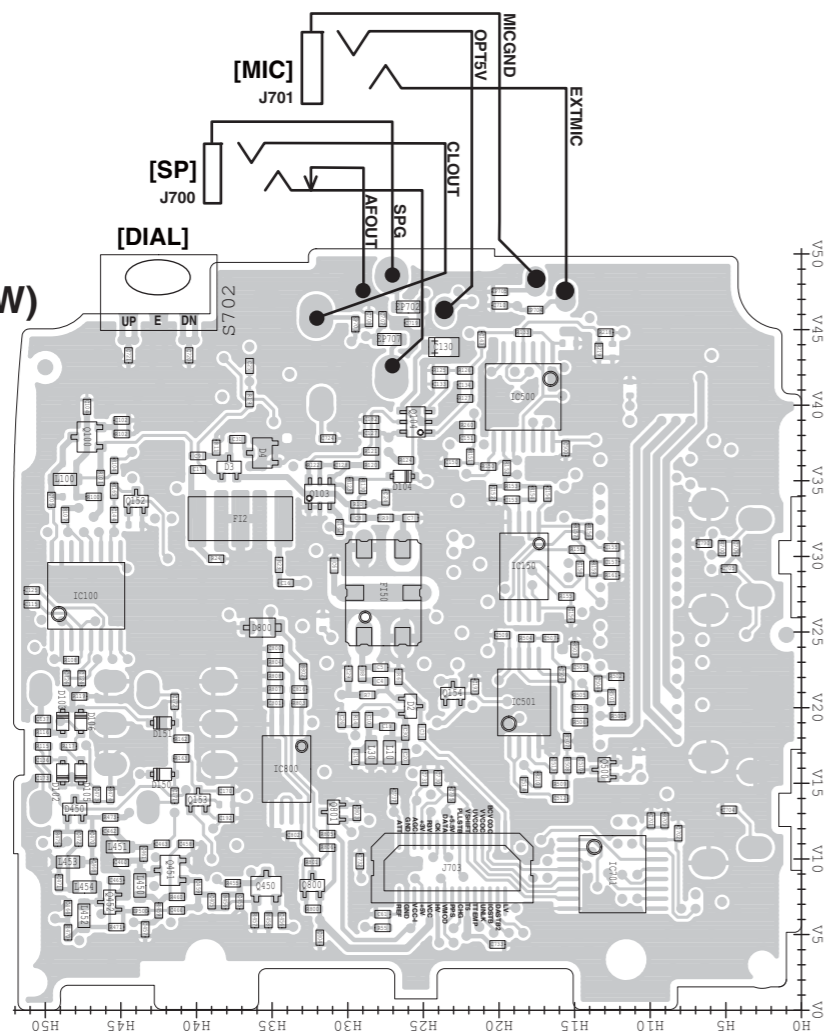


The combination of top side and bottom side of this page shows the actual configuration of P.C board.

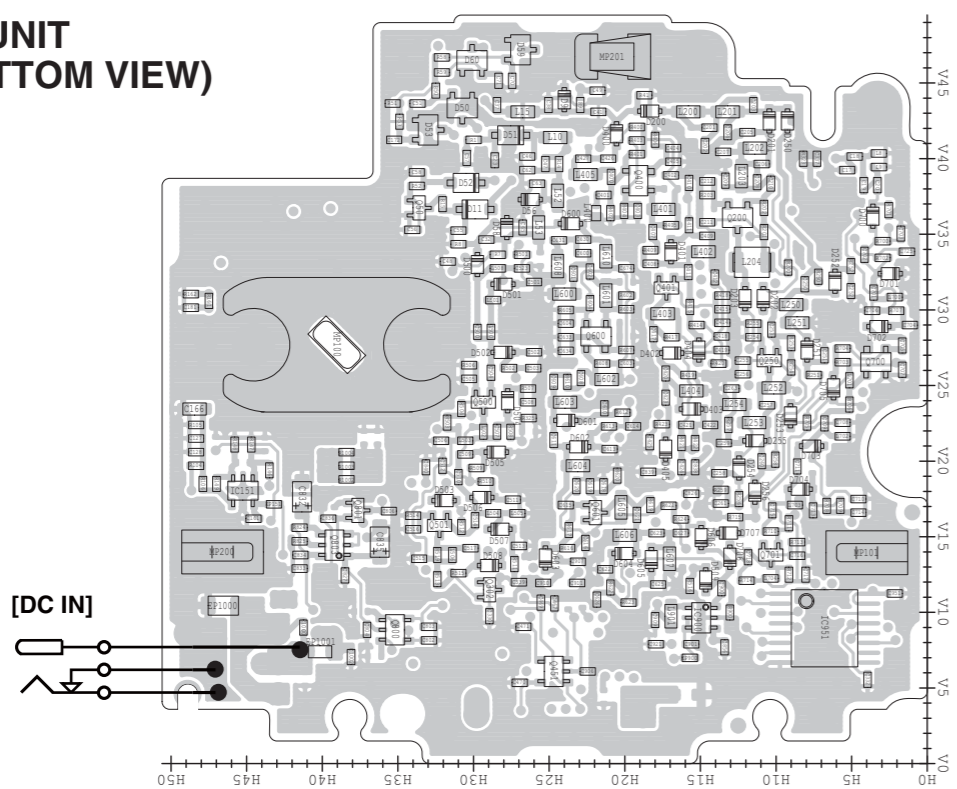
• RF UNIT (TOP VIEW)



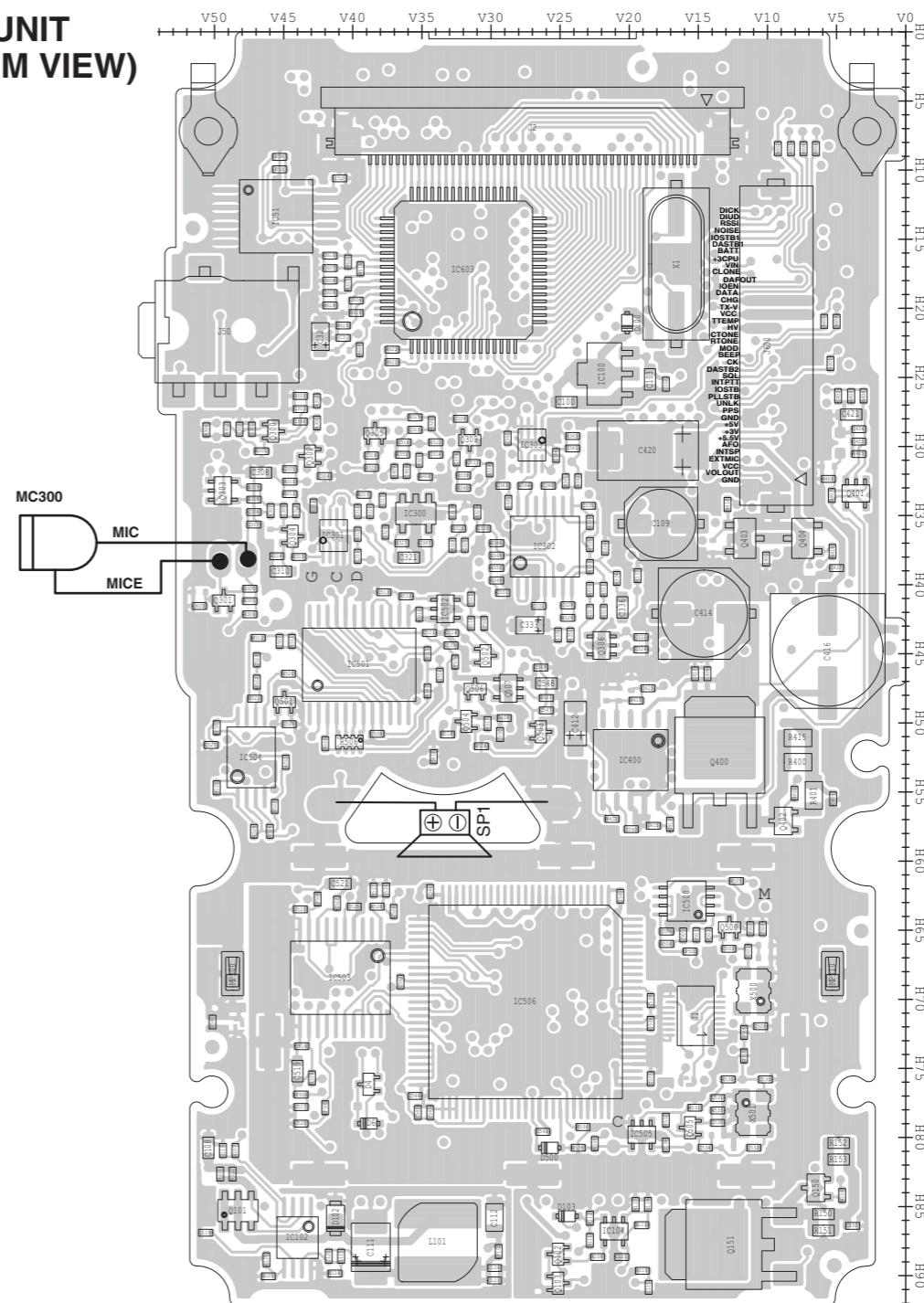
• MAIN UNIT (BOTTOM VIEW)



• RF UNIT (BOTTOM VIEW)

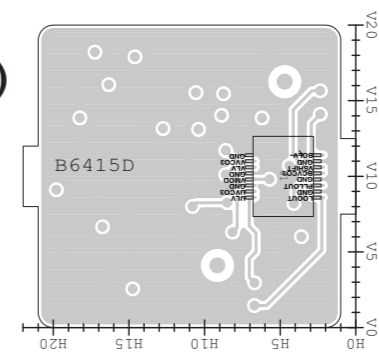


• LOGIC UNIT (BOTTOM VIEW)



The combination of top side and bottom side of this page shows the actual configuration of P.C. board.

• VCO UNIT (BOTTOM VIEW)

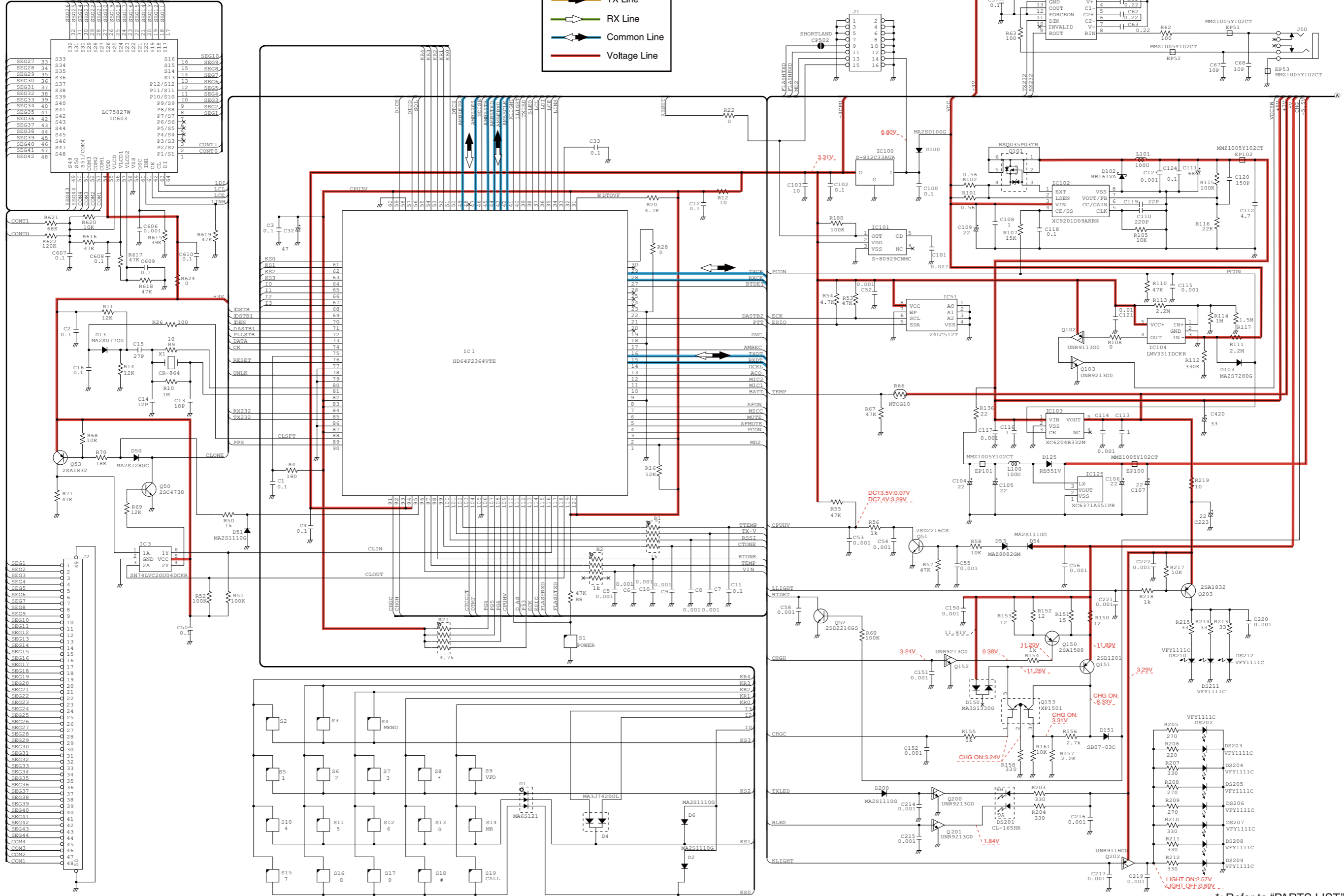


VOLTAGE DIAGRAM

LOGIC UNIT (1/2)

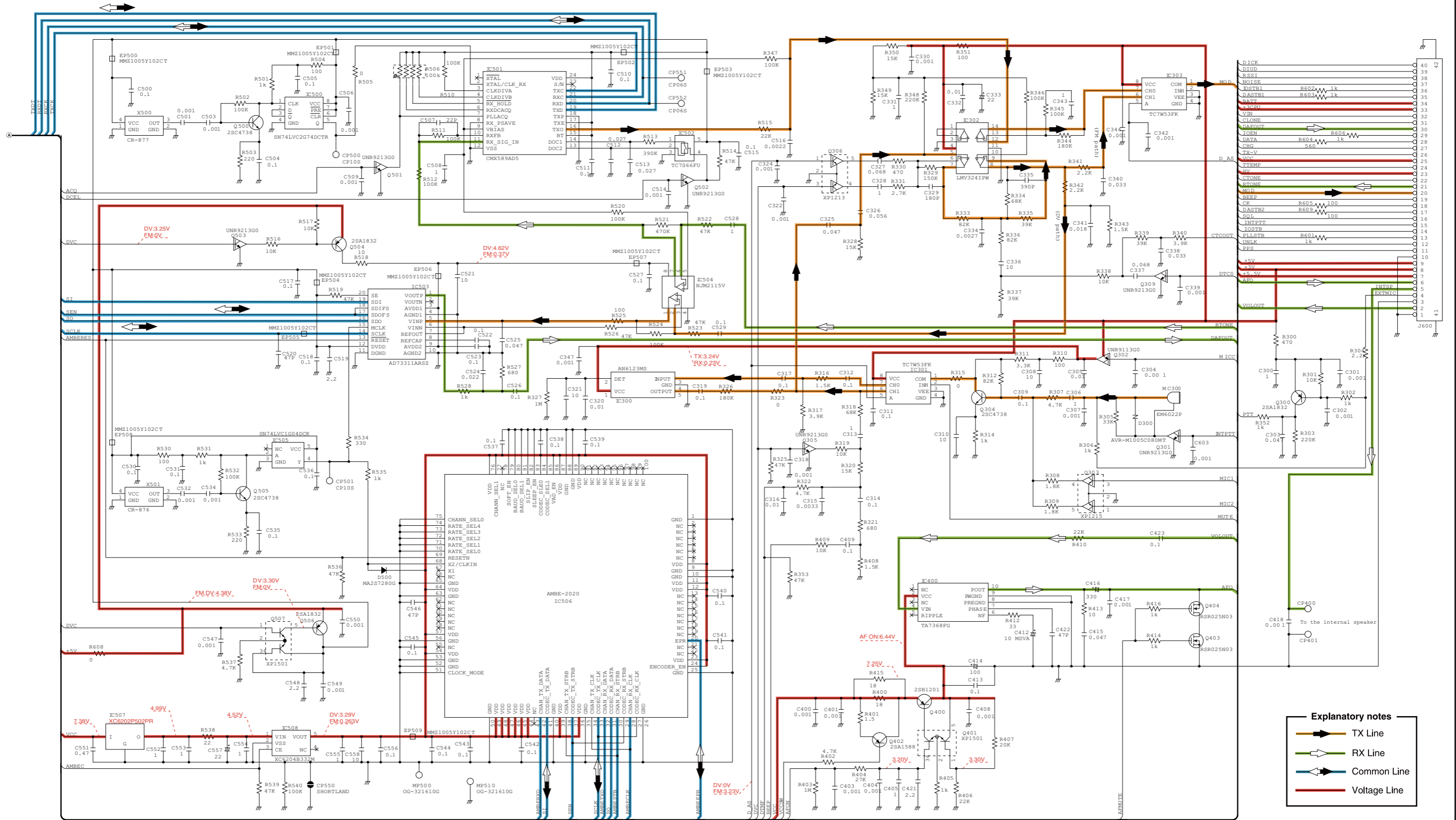
Explanatory notes

- TX Line
- RX Line
- Common Line
- Voltage Line



*; Refer to "PARTS LIST"

LOGIC UNIT (2/2)

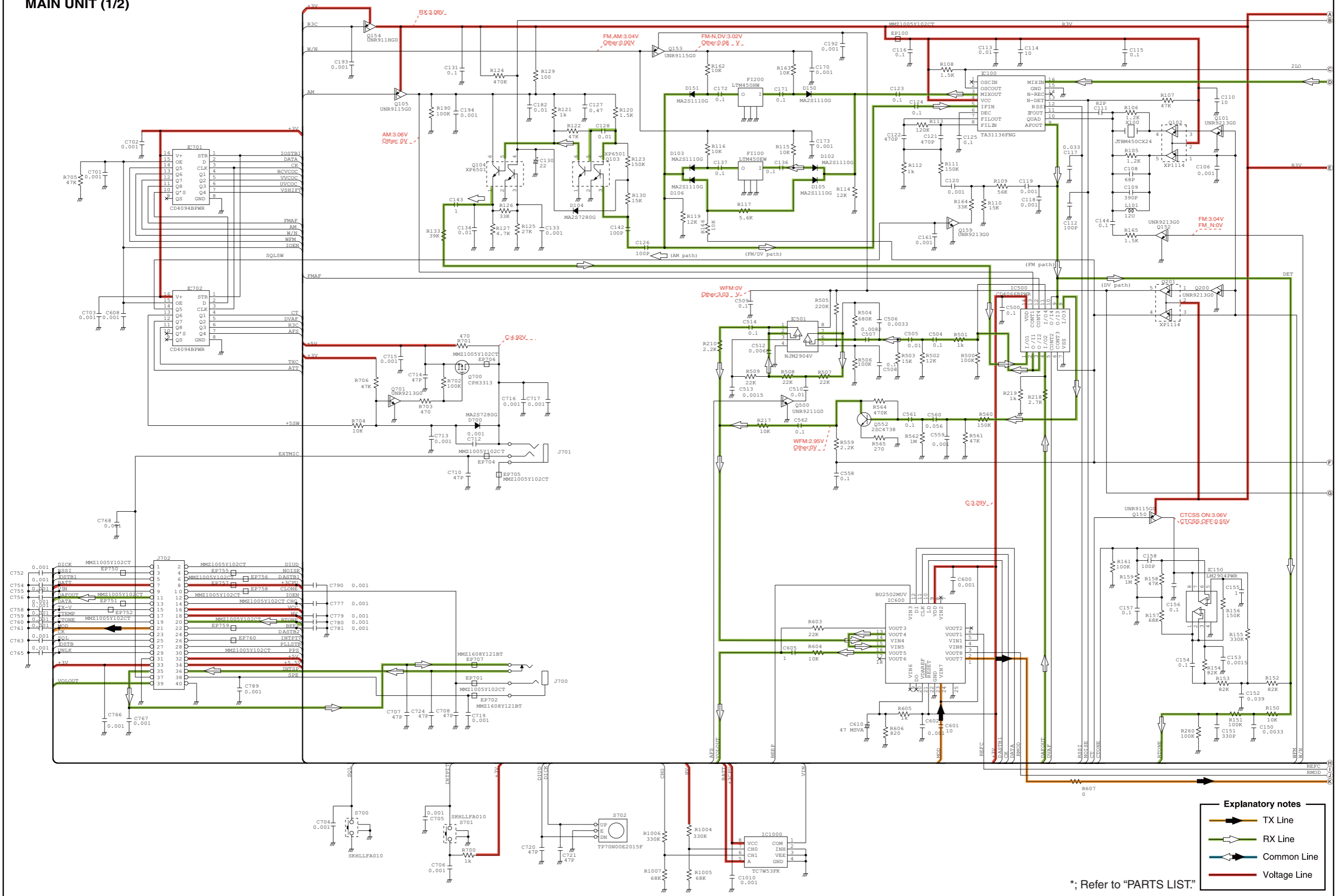


Explanatory notes

- TX Line
- RX Line
- Common Line
- Voltage Line

*; Refer to "PARTS LIST"

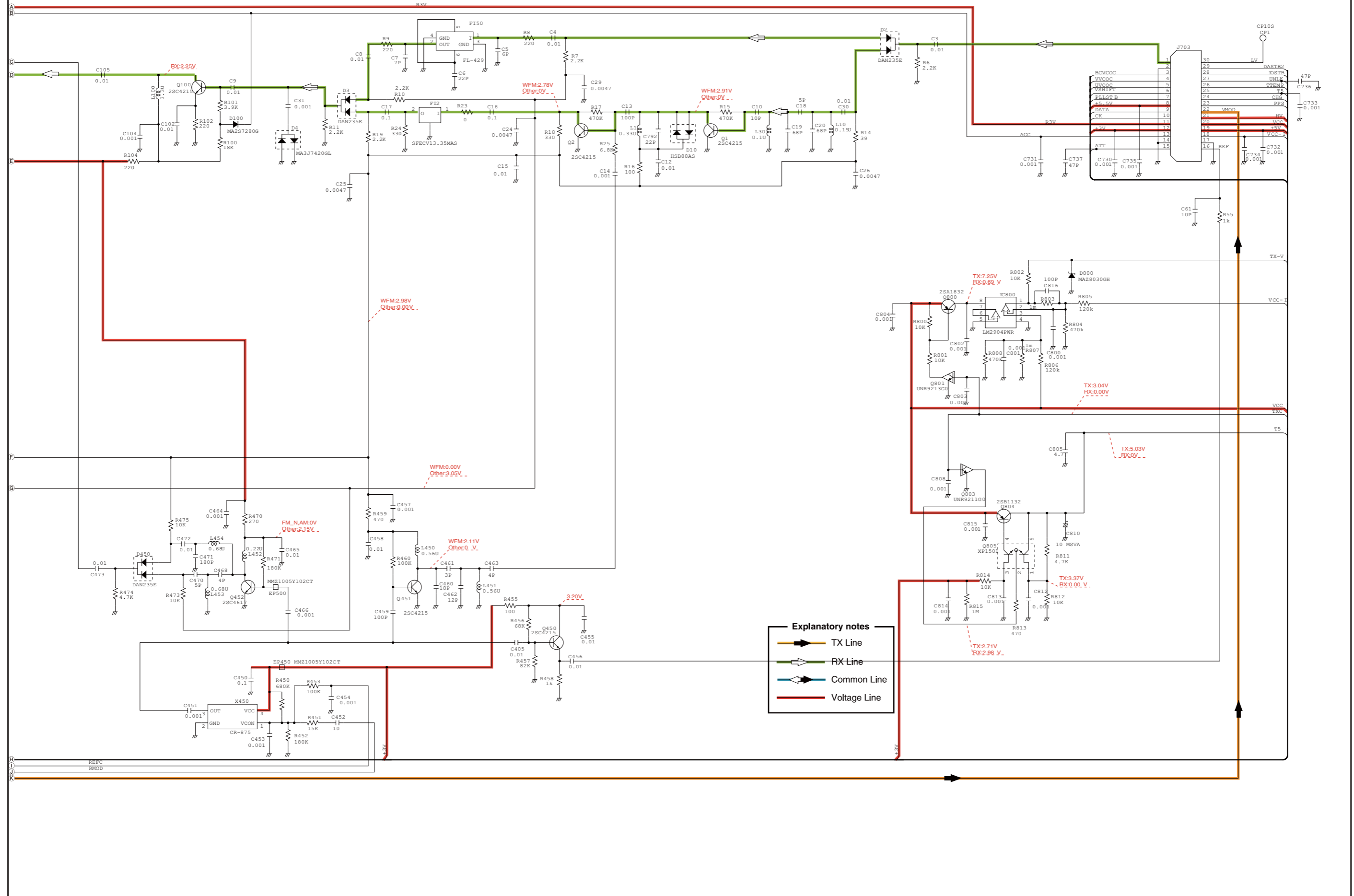
MAIN UNIT (1/2)



- Explanatory notes**
- ▶ TX Line
 - ▶ RX Line
 - ▶ Common Line
 - ▶ Voltage Line

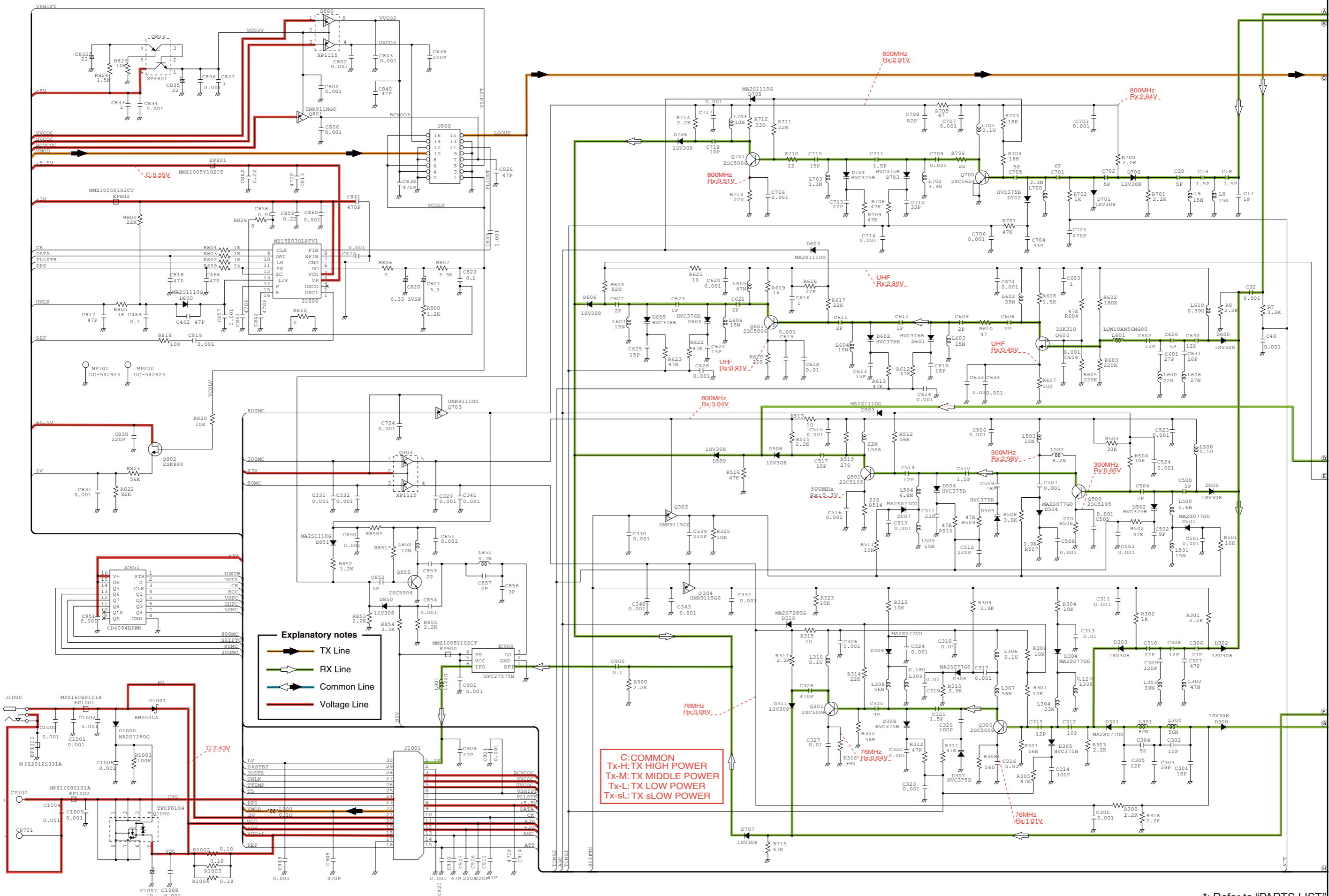
*; Refer to "PARTS LIST."

MAIN UNIT (2/2)



*; Refer to "PARTS LIST."

RF UNIT (1/2)



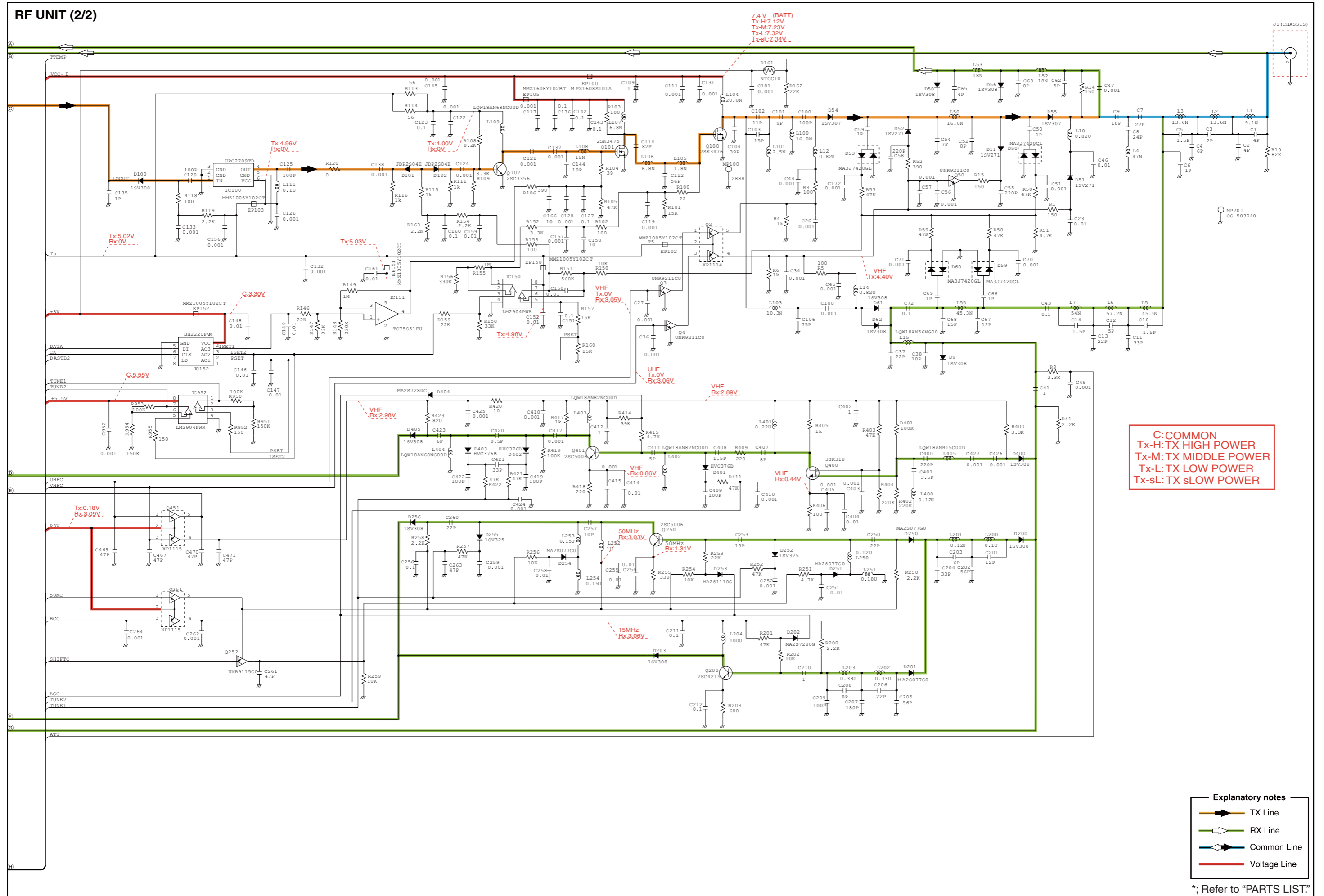
Explanatory notes

- TX Line
- RX Line
- Common Line
- Voltage Line

C: COMMON
Tx-H: TX HIGH POWER
Tx-M: TX MIDDLE POWER
Tx-L: TX LOW POWER
Tx-SL: TX SLOW POWER

*; Refer to "PARTS LIST"

RF UNIT (2/2)



VCO UNIT

