March 2025

SERVICE MANUAL ADDENDUM

IC-PW2

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

	Definitions
Replacement page	The page to replace the original one.
Addendum page	The page to be added to the original set.
Amended page	The page to be added as change history, including corrections.

Page number information

The number of revisions can be easily understood by the addendum service manual's page number.
The number of revisions (a, b, c, ...) is added after the page number.

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Version List

MODEL	Version Number†	Version	Installed Unit																Remarks
			CONTROL	DISPLAY	MAIN	PA	PA-G	PA-D	FILTER	TUNER	ANT-SW	SD	JOINT	CONNECT-A	CONNECT-B	INPUT	LINE-FILTER	AC-FILTER	REGRELAY	
IC-PW2	#12	USA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–
	#13	EXP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–
	#14*	EUR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–

This addendum service manual provides service information for the versions listed above, excluding out of production versions.
†The first two digits of the serial number show its Version Number.
*Newly added versions.
✓: Applicable

■ PCB REVISION TABLE

UNIT	Ver. No.	B-9134D	B-9134E
DISPLAY	#12	12001001 ~ 12001560	12001561 and above (Plan)
	#13	13001001 ~ 13001020	13001021 and above (Plan)
	#14	14001001 ~ 14001010	14001011 and above

UNIT	Ver. No.	B-9135E	B-9135F
MAIN	#12	12001001 and above	–
	#13	13001001 and above	–
	#14	–	14001001 and above

UNIT	Ver. No.	B-9136F
PA-G	#12	12001001 and above
	#13	13001001 and above
	#14	14001001 and above

UNIT	Ver. No.	B-9757C
PA-D	#12	12001001 and above
	#13	13001001 and above
	#14	14001001 and above

UNIT	Ver. No.	B-9137E	B-9137F
FILTER	#12	12001001 ~ 12001500	12001501 and above (Plan)
	#13	13001001 ~ 13001020	13001021 and above (Plan)
	#14	14001001 and above	-

UNIT	Ver. No.	B-9138D	B-9138E
TUNER	#12	12001001 ~ 12001310	12001311 and above (Plan)
	#13	13001001 ~ 13001050	13001051 and above (Plan)
	#14	-	14001001 and above

UNIT	Ver. No.	B-9143D
ANT-SW	#12	12001001 and above
	#13	13001001 and above
	#14	14001001 and above

UNIT	Ver. No.	B-9140C
SD	#12	12001001 and above
	#13	13001001 and above
	#14	14001001 and above

UNIT	Ver. No.	B-9141B
JOINT	#12	12001001 and above
	#13	13001001 and above
	#14	14001001 and above

UNIT	Ver. No.	B-9178C
CONNECT-A	#12	12001001 and above
	#13	13001001 and above
	#14	14001001 and above

UNIT	Ver. No.	B-9179D
CONNECT-B	#12	12001001 and above
	#13	13001001 and above
	#14	14001001 and above

■ PCB REVISION TABLE (CONTINUED)

UNIT	Ver. No.	B-9229B
INPUT	#12	12001001 and above
	#13	13001001 and above
	#14	14001001 and above

UNIT	Ver. No.	B-9964A
LINE-FILTER	#12	12001001 and above
	#13	13001001 and above
	#14	14001001 and above

UNIT	Ver. No.	B-10051A	B-10051B
AC-FILTER	#12	12001001 and above	–
	#13	13001001 and above	–
	#14	–	14001001 and above

UNIT	Ver. No.	B-10059A
REGRELAY	#12	12001001 and above
	#13	13001001 and above
	#14	14001001 and above

SECTION 6 PARTS LIST

The underlined parts have been updated from the addendum of the previous version, or from the original page.

[DISPLAY UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC121	1190003620	S.IC	TPS61161ADRVR	B	52.1/49.8
IC151	1130020500	S.IC	TSC2046EIRGVR	B	63.6/48.5
IC551	1110007610	S.IC	TPA0211DGNR	B	100.0/12.5
IC601	6910025460	S.DC	MAX17503ATP+T	B	95.7/50.8
IC621	1180004740	S.REG	S-1313D33-M5T1U3	B	115.0/51.7
IC631	6910027620	S.DC	TPS54418RTER	B	98.8/66.4
IC641	1180004740	S.REG	S-1313D33-M5T1U3	B	80.0/62.0
IC1001	1140017540	S.IC	R7S721000VCFP	B	21.0/42.0
IC1101	1120003170	S.IC	ISL83083EIUZ-T	B	33.0/21.5
IC1301	1110010360	S.IC	XC6119N30A7R-G	B	3.6/63.5
IC1401	1130019960	S.IC	IS25LP128F-JBLE-TY	B	69.2/25.0
IC1501	1130016621	S.IC	GT24C128B-2ZLI-TR	B	77.5/47.5
Q21	1590004690	S.TRA	LDTC143ZET1G	B	1.8/35.5
Q22	1590004690	S.TRA	LDTC143ZET1G	B	1.8/38.5
Q31	1590004690	S.TRA	LDTC143ZET1G	B	1.8/29.9
Q41	1590004690	S.TRA	LDTC143ZET1G	B	1.8/32.7
Q51	1590004690	S.TRA	LDTC143ZET1G	B	131.0/65.1
Q52	1590004690	S.TRA	LDTC143ZET1G	B	127.6/63.0
Q61	1590004690	S.TRA	LDTC143ZET1G	B	129.4/47.3
Q62	1590004690	S.TRA	LDTC143ZET1G	B	129.4/42.8
Q63	1590004690	S.TRA	LDTC143ZET1G	B	129.4/38.3
Q64	1590004690	S.TRA	LDTC143ZET1G	B	129.4/33.8
Q65	1590004690	S.TRA	LDTC143ZET1G	B	129.4/31.5
Q66	1590004690	S.TRA	LDTC143ZET1G	B	129.4/29.3
Q71	1590004690	S.TRA	LDTC143ZET1G	B	144.3/65.0
Q72	1590004690	S.TRA	LDTC143ZET1G	B	141.9/63.0
Q81	1590004690	S.TRA	LDTC143ZET1G	B	143.0/47.3
Q82	1590004690	S.TRA	LDTC143ZET1G	B	143.0/42.8
Q83	1590004690	S.TRA	LDTC143ZET1G	B	143.0/38.3
Q84	1590004690	S.TRA	LDTC143ZET1G	B	143.0/33.8
Q85	1590004690	S.TRA	LDTC143ZET1G	B	143.0/29.3
Q86	1590004690	S.TRA	LDTC143ZET1G	B	143.0/24.8
Q201	1590004690	S.TRA	LDTC143ZET1G	B	57.6/58.8
Q202	1520000651	S.TRA	2SB1201S-TL-E	B	65.1/61.0
Q1101	1590004690	S.TRA	LDTC143ZET1G	B	38.5/18.5
D121	1750004290	S.DIO	RBR2MM40BTR	B	44.9/51.9
D707	1790002240	S.VAR	EZAEG2N50AX	B	36.8/10.6
D1101	1750001820	S.DIO	LRB706F-40T1G	B	37.5/24.8
X1001	6050014170	S.XTA	CR-1017 (48.000 MHz)	B	25.5/61.9
L121	6200015990	S.COI	LQH32CN470K23L	B	52.8/54.4
L122	6200018810	S.COI	LQH44PN220MPRL	B	48.2/53.2
L601	6180003840	S.COI	VLCF4020T-3R3N1R5	B	102.4/50.5
L631	6200016281	S.COI	LSXND5050WKT1R0NMG	B	93.2/65.8
L707	6200018810	S.COI	LQH44PN220MPRL	B	36.8/13.6
R11	7030016410	S.RES	RMC1/16S-561JTH (560)	T	10.7/63.3
R21	7030016300	S.RES	RMC1/16S-332JTH (3.3 k)	T	5.4/49.8
R22	7030016420	S.RES	RMC1/16S-182JTH (1.8 k)	T	4.4/49.8
R23	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	7.6/49.8
R31	7030016300	S.RES	RMC1/16S-332JTH (3.3 k)	T	3.8/40.0
R32	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	7.5/40.0
R41	7030016420	S.RES	RMC1/16S-182JTH (1.8 k)	T	3.8/30.2
R42	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	7.5/30.2
R51	7030015940	S.RES	RMC1/16S-681JTH (680)	B	133.0/65.1
R52	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	131.6/61.2
R53	7030016270	S.RES	RMC1/16S-151JTH (150)	B	129.6/63.0
R61	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	131.4/47.3
R62	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	131.4/42.8
R63	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	131.4/38.3
R64	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	131.4/33.8
R65	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	131.4/31.5
R66	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	131.4/29.3
R67	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	131.6/52.2
R71	7030015940	S.RES	RMC1/16S-681JTH (680)	B	146.3/65.0
R72	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	145.2/61.2
R73	7030016270	S.RES	RMC1/16S-151JTH (150)	B	143.9/63.0
R81	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	145.0/47.3
R82	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	145.0/42.8
R83	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	145.0/38.3
R84	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	145.0/33.8
R85	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	145.0/29.3
R86	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	145.0/24.8
R87	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	145.2/52.2
R91	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	133.2/30.4
R92	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	146.8/30.4
R101	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	54.2/45.4
R121	7030016130	S.RES	RMC1/16S-150JTH (15)	B	55.4/50.7
R122	7030016600	S.RES	RMC1/16S-8R2JTH (8.2)	B	55.4/51.6
R141	7030016150	S.RES	RMC1/16S-100JTH (10)	B	62.1/45.5
R142	7030016150	S.RES	RMC1/16S-100JTH (10)	B	60.4/47.6
R143	7030016150	S.RES	RMC1/16S-100JTH (10)	B	64.4/45.4
R144	7030016150	S.RES	RMC1/16S-100JTH (10)	B	63.2/42.9
R151	7030016020	S.RES	RMC1/16S-104JTH (100 k)	B	66.4/51.6
R152	7030016020	S.RES	RMC1/16S-104JTH (100 k)	B	66.7/50.4
R153	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	67.3/44.8
R154	7030015920	S.RES	RMC1/16S-221JTH (220)	B	42.5/30.0
R155	7030015920	S.RES	RMC1/16S-221JTH (220)	B	43.2/31.4
R156	7030015920	S.RES	RMC1/16S-221JTH (220)	B	43.9/29.4
R157	7030015920	S.RES	RMC1/16S-221JTH (220)	B	44.6/30.9
R158	7030015920	S.RES	RMC1/16S-221JTH (220)	B	45.3/28.8
R159	7030015920	S.RES	RMC1/16S-221JTH (220)	B	46.7/35.1
R160	7030015920	S.RES	RMC1/16S-221JTH (220)	B	47.5/36.5
R161	7030015920	S.RES	RMC1/16S-221JTH (220)	B	48.2/34.6
R162	7030015920	S.RES	RMC1/16S-221JTH (220)	B	48.3/30.9
R163	7030015920	S.RES	RMC1/16S-221JTH (220)	B	49.2/32.1
R164	7030015920	S.RES	RMC1/16S-221JTH (220)	B	49.7/30.4
R165	7030015920	S.RES	RMC1/16S-221JTH (220)	B	51.1/38.1
R166	7030015920	S.RES	RMC1/16S-221JTH (220)	B	51.8/36.4
R167	7030015920	S.RES	RMC1/16S-221JTH (220)	B	52.1/38.1
R168	7030015920	S.RES	RMC1/16S-221JTH (220)	B	52.8/36.4
R169	7030015920	S.RES	RMC1/16S-221JTH (220)	B	53.2/38.1
R170	7030015920	S.RES	RMC1/16S-221JTH (220)	B	54.6/37.6
R171	7030015920	S.RES	RMC1/16S-221JTH (220)	B	55.6/33.9
R172	7030015920	S.RES	RMC1/16S-221JTH (220)	B	55.7/37.6
R173	7030015920	S.RES	RMC1/16S-221JTH (220)	B	56.6/37.6
R174	7030015920	S.RES	RMC1/16S-221JTH (220)	B	57.5/37.6
R201	7030015920	S.RES	RMC1/16S-221JTH (220)	B	59.6/58.8
R202	7030015910	S.RES	RMC1/16S-101JTH (100)	B	60.0/60.5
R501	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/52.2
R502	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	1.4/52.9
R503	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/50.5
R504	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	1.4/51.3
R505	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.7/48.4
R506	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	1.4/49.7
R507	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/47.4
R508	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	1.4/48.1
R509	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/46.5
R510	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	1.4/46.5
R511	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/45.6
R512	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	1.4/44.9
R513	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/44.7
R514	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	1.4/43.3
R515	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/43.8
R516	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/42.9
R517	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	2.3/52.9
R518	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	2.3/51.3
R519	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	2.3/49.7
R520	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	2.3/48.1
R521	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	2.3/46.5
R522	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	2.3/44.9
R523	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	2.3/43.3
R551	7030016140	S.RES	RMC1/16S-124JTH (120 k)	B	98.5/16.4
R552	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	101.5/17.8
R604	7030018830	S.RES	RGC1/16SC822DTH (8.2 k)	B	92.1/50.5
R605	7030016810	S.RES	RGC1/16SC392DTH (3.9 k)	B	92.1/49.5
R606	7030018480	S.RES	RGC1/16SC563DTH (56 k)	B	92.1/51.4
R607	7030021400	S.RES	RG1005P-333-D-T10 (33 k)	B	92.9/53.5
R608	7030016560	S.RES	RMC1/16SJPTH (JPW)	B	94.7/54.0
R631	7030016770	S.RES	RMC1/16SK334DTH (330 k)	B	97.4/64.0
R633	7030016050	S.RES	RMC1/16S-102JTH (1 k)	B	98.6/63.6
R634	7030020730	S.RES	RGC1/16C183DTP (18 k)	B	97.7/61.1
R635	7030020650	S.RES	RGC1/16C154DTP (150 k)	B	100.3/62.4
R636	7030020650	S.RES	RGC1/16C154DTP (150 k)	B	100.3/63.6
R637	7030020730	S.RES	RGC1/16C183DTP (18 k)	B	100.3/61.1
R641	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	82.7/61.0
R710	7540000380	S.ABS	EZAEG2A50AX	B	31.3/6.6
R711	7540000380	S.ABS	EZAEG2A50AX	B	30.4/7.0
R712	7540000380	S.ABS	EZAEG2A50AX	B	29.8/17.7
R713	7540000380	S.ABS	EZAEG2A50AX	B	29.1/15.9
R714	7540000380	S.ABS	EZAEG2A50AX	B	32.2/6.2
R715	7540000380	S.ABS	EZAEG2A50AX	B	29.4/10.3
R716	7030016250	S.RES	RMC1/16S-220JTH (22)	B	31.0/17.2
R717	7030016250	S.RES	RMC1/16S-220JTH (22)	B	31.0/16.3
R718	7030016250	S.RES	RMC1/16S-220JTH (22)	B	31.0/11.7
R719	7030016250	S.RES	RMC1/16S-220JTH (22)	B	30.6/10.8
R720	7540000380	S.ABS	EZAEG2A50AX	B	91.2/36.5
R721	7540000380	S.ABS	EZAEG2A50AX	B	91.2/34.4
R722	7540000380	S.ABS	EZAEG2A50AX	B	91.2/35.6
R723	7540000380	S.ABS	EZAEG2A50AX	B	91.2/32.8
R1001	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	4.0/35.0
R1002	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	8.7/59.5
R1003	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	9.6/59.5
R1004	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	10.5/59.5
R1005	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	12.8/59.5
R1006	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	15.3/59.5
R1007	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	17.1/59.5
R1010	7030016500	S.RES	RMC1/16S-562JTH (5.6 k)	B	23.2/59.5
R1012	7030015930	S.RES	RMC1/16S-471JTH (470)	B	26.8/59.6
R1013	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	28.4/61.9
R1014	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	29.3/61.1
R1015	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	30.2/61.1
R1016	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	31.5/61.0
R1017	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	32.4/61.0
R1018	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	33.3/61.0
R1019	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	34.2/61.0
R1020	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	35.1/61.0
R1021	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	36.0/61.0
R1022	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	36.9/61.0
R1023	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	38.0/54.6
R1024	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	32.5/24.5
R1025	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	31.6/24.5

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

(Amended page)

The underlined parts have been updated from the addendum of the previous version, or from the original page.

[DISPLAY UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
R1026	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	30.7/24.5
R1027	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	29.8/24.5
R1028	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	28.9/24.5
R1029	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	28.0/24.5
R1030	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	12.4/25.4
R1101	7030016210	S.RES	RMC1/16S-121JTH (120)	B	33.0/19.2
R1102	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	37.5/23.0
R1103	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	37.5/22.1
R1105	7030016560	S.RES	RMC1/16SJPTH (JPW)	B	37.0/18.5
R1301	7030016560	S.RES	RMC1/16SJPTH (JPW)	B	5.1/65.0
R1303	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	3.4/65.0
R1401	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	66.3/21.0
R1402	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	67.2/21.0
R1403	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	68.1/21.0
R1404	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	75.4/24.3
R1405	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	75.4/25.6
R1406	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	75.4/27.0
R1501	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	73.2/48.5
R1502	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	72.3/48.5
R1601	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	48.0/62.3
R1602	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	50.7/62.3
R1603	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	51.6/62.3
R1604	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	49.8/62.3
R1605	7030016020	S.RES	RMC1/16S-104JTH (100 k)	B	56.0/64.3
R1606	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	48.9/62.3
C21	4030022160	S.CER	GRM033B31A104KE84D	B	1.8/34.1
C22	4030022160	S.CER	GRM033B31A104KE84D	B	1.8/37.1
C31	4030022160	S.CER	GRM033B31A104KE84D	B	3.5/29.2
C41	4030022160	S.CER	GRM033B31A104KE84D	B	1.8/31.3
C51	4030022160	S.CER	GRM033B31A104KE84D	B	129.5/65.1
C52	4030022160	S.CER	GRM033B31A104KE84D	B	126.2/62.8
C61	4030022160	S.CER	GRM033B31A104KE84D	B	127.9/47.3
C62	4030022160	S.CER	GRM033B31A104KE84D	B	127.9/42.8
C63	4030022160	S.CER	GRM033B31A104KE84D	B	127.9/38.3
C64	4030022160	S.CER	GRM033B31A104KE84D	B	127.9/33.8
C65	4030022160	S.CER	GRM033B31A104KE84D	B	127.9/31.5
C66	4030022160	S.CER	GRM033B31A104KE84D	B	127.9/29.3
C71	4030022160	S.CER	GRM033B31A104KE84D	B	142.8/65.0
C72	4030022160	S.CER	GRM033B31A104KE84D	B	140.5/62.8
C81	4030022160	S.CER	GRM033B31A104KE84D	B	141.5/47.3
C82	4030022160	S.CER	GRM033B31A104KE84D	B	141.5/42.8
C83	4030022160	S.CER	GRM033B31A104KE84D	B	141.5/38.3
C84	4030022160	S.CER	GRM033B31A104KE84D	B	141.5/33.8
C85	4030022160	S.CER	GRM033B31A104KE84D	B	141.5/29.3
C86	4030022160	S.CER	GRM033B31A104KE84D	B	141.5/24.8
C121	4030025470	S.CER	GRM155B31C105KA12D	B	55.5/53.9
C122	4030023010	S.CER	0402B104K160CT	B	55.0/49.8
C123	4030023010	S.CER	0402B104K160CT	B	55.0/48.9
C124	4030019560	S.CER	GRM21BB31C106KE15L	B	52.2/52.0
C125	4030026370	S.CER	CL31A106KBHNNPE	B	46.6/48.4
C141	4030022140	S.CER	GRM033B31H102KA12D	B	60.8/46.1
C142	4030022140	S.CER	GRM033B31H102KA12D	B	60.8/46.8
C143	4030022140	S.CER	GRM033B31H102KA12D	B	64.2/44.1
C144	4030022140	S.CER	GRM033B31H102KA12D	B	64.0/42.7
C151	4030022160	S.CER	GRM033B31A104KE84D	B	65.8/44.8
C152	4030022160	S.CER	GRM033B31A104KE84D	B	62.2/51.2
C551	4030022160	S.CER	GRM033B31A104KE84D	B	97.0/16.4
C552	4510007310	S.ELE	16 CE 10 BS	B	100.0/20.7
C553	4030022160	S.CER	GRM033B31A104KE84D	B	101.5/17.0
C554	4030025420	S.CER	GRM033R61A105ME15D	B	101.5/16.4
C601	4030026440	S.CER	CL32A476KOJNNPE	B	106.1/44.1
C602	4030023010	S.CER	0402B104K160CT	B	97.3/47.9
C603	4030023010	S.CER	0402B104K160CT	B	98.9/49.9
C604	4030026440	S.CER	CL32A476KOJNNPE	B	101.1/54.3
C605	4030026440	S.CER	CL32A476KOJNNPE	B	103.9/59.1
C607	4030023010	S.CER	0402B104K160CT	B	92.1/48.6
C608	4030022510	S.CER	GRM155B31A225KE95D	B	95.6/54.9
C621	4030025420	S.CER	GRM033R61A105ME15D	B	118.0/52.1
C622	4030019560	S.CER	GRM21BB31C106KE15L	B	114.9/55.3
C623	4030023010	S.CER	0402B104K160CT	B	117.2/52.2
C624	4030023010	S.CER	0402B104K160CT	B	114.6/53.9
C631	4030022360	S.CER	GRM188R61A226ME15D	B	102.3/66.2
C632	4030023010	S.CER	0402B104K160CT	B	101.2/66.3
C633	4030023010	S.CER	0402B104K160CT	B	96.4/67.6
C634	4030023030	S.CER	0402B103K250CT	B	96.4/65.1
C635	4030023210	S.CER	0402B472K500CT	B	97.4/63.1
C636	4030022360	S.CER	GRM188R61A226ME15D	B	92.5/61.2
C637	4030022360	S.CER	GRM188R61A226ME15D	B	92.5/62.4
C639	4550009120	S.TAN	267E4001476MR533	B	83.9/67.8
C640	4030023010	S.CER	0402B104K160CT	B	88.6/69.3
C641	4030023030	S.CER	0402B103K250CT	B	82.7/60.1
C642	4030025420	S.CER	GRM033R61A105ME15D	B	82.3/62.4
C643	4030019560	S.CER	GRM21BB31C106KE15L	B	76.4/62.1
C644	4030023010	S.CER	0402B104K160CT	B	77.8/62.4
C701	4030026690	S.CER	RF15N100G500CT	B	33.0/17.6
C702	4030026690	S.CER	RF15N100G500CT	B	33.0/16.0
C703	4030026690	S.CER	RF15N100G500CT	B	33.3/10.8
C704	4030026690	S.CER	RF15N100G500CT	B	32.1/9.5
C705	4030023030	S.CER	0402B103K250CT	B	32.9/13.8
C706	4030023030	S.CER	0402B103K250CT	B	33.3/12.6
C707	4030023010	S.CER	0402B104K160CT	B	37.7/10.6
C708	4030026440	S.CER	CL32A476KOJNNPE	B	108.2/41.1
C1000	4550009120	S.TAN	267E4001476MR533	B	26.0/65.7
C1001	4550009370	S.TAN	267E1002106MR533	B	19.4/61.4
C1002	4550009120	S.TAN	267E4001476MR533	B	21.5/61.4
C1003	4030022160	S.CER	GRM033B31A104KE84D	B	4.0/30.6
C1004	4030022160	S.CER	GRM033B31A104KE84D	B	4.0/31.6
C1005	4030022160	S.CER	GRM033B31A104KE84D	B	4.2/36.2
C1006	4030022160	S.CER	GRM033B31A104KE84D	B	4.0/37.8

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
C1007	4030022160	S.CER	GRM033B31A104KE84D	B	4.3/39.2
C1008	4030022160	S.CER	GRM033B31A104KE84D	B	4.3/40.5
C1009	4030022160	S.CER	GRM033B31A104KE84D	B	4.3/41.8
C1010	4030022160	S.CER	GRM033B31A104KE84D	B	3.6/49.2
C1011	4030022160	S.CER	GRM033B31A104KE84D	B	3.8/51.4
C1012	4030022160	S.CER	GRM033B31A104KE84D	B	4.0/53.3
C1013	4030022160	S.CER	GRM033B31A104KE84D	B	4.0/54.6
C1014	4030022160	S.CER	GRM033B31A104KE84D	B	11.3/59.5
C1015	4030022160	S.CER	GRM033B31A104KE84D	B	13.6/59.5
C1016	4030022160	S.CER	GRM033B31A104KE84D	B	17.9/59.5
C1017	4030025290	S.CER	GRM0332C1H150JA01D	B	24.3/63.8
C1018	4030025290	S.CER	GRM0332C1H150JA01D	B	25.5/63.8
C1019	4030022160	S.CER	GRM033B31A104KE84D	B	27.8/59.5
C1020	4030022160	S.CER	GRM033B31A104KE84D	B	29.0/59.5
C1021	4030022160	S.CER	GRM033B31A104KE84D	B	30.3/59.5
C1022	4030022160	S.CER	GRM033B31A104KE84D	B	31.5/59.5
C1023	4030022160	S.CER	GRM033B31A104KE84D	B	38.0/52.2
C1024	4030022160	S.CER	GRM033B31A104KE84D	B	38.0/50.6
C1025	4030022160	S.CER	GRM033B31A104KE84D	B	38.0/47.4
C1026	4030022160	S.CER	GRM033B31A104KE84D	B	38.0/45.8
C1027	4030022160	S.CER	GRM033B31A104KE84D	B	37.2/42.3
C1028	4030022160	S.CER	GRM033B31A104KE84D	B	37.2/41.1
C1029	4030022160	S.CER	GRM033B31A104KE84D	B	37.5/37.4
C1030	4030022160	S.CER	GRM033B31A104KE84D	B	37.5/35.8
C1031	4030022160	S.CER	GRM033B31A104KE84D	B	38.0/32.6
C1032	4030022160	S.CER	GRM033B31A104KE84D	B	38.0/30.6
C1033	4030022160	S.CER	GRM033B31A104KE84D	B	27.2/24.5
C1034	4030022160	S.CER	GRM033B31A104KE84D	B	26.2/24.5
C1035	4030022160	S.CER	GRM033B31A104KE84D	B	24.1/25.0
C1036	4030022160	S.CER	GRM033B31A104KE84D	B	23.1/25.0
C1037	4030022160	S.CER	GRM033B31A104KE84D	B	15.5/25.5
C1038	4030022160	S.CER	GRM033B31A104KE84D	B	10.8/25.5
C1101	4030022160	S.CER	GRM033B31A104KE84D	B	33.5/23.7
C1102	4030022160	S.CER	GRM033B31A104KE84D	B	38.5/17.1
C1301	4030022160	S.CER	GRM033B31A104KE84D	B	4.7/63.5
C1302	4030025910	S.CER	GRM033B31C393KE84D	B	2.5/63.5
C1401	4030022160	S.CER	GRM033B31A104KE84D	B	72.5/21.5
C1501	4030022160	S.CER	GRM033B31A104KE84D	B	74.5/50.0
J101	6510033810	S.CON	AYF564035	B	49.6/41.9
J102	6510029490	S.CON	10FLZ-SM2-TB(LF)(SN)	B	53.0/68.5
J701	6510034960	CON	TM11R-5M2-88-LP(70)		
J702	6510033230	S.CON	4109 FRONT CONNECTOR	B	83.9/31.3
DS11	5040004380	S.LED	SMLEN3BC8TT86	T	8.4/63.4
DS21	5040004620	S.LED	TO-A1608BY-CWF-5	T	2.2/49.8
DS22	5040003600	S.LED	SML-D12U8WT86	T	3.4/49.8
DS31	5040004620	S.LED	TO-A1608BY-CWF-5	T	2.2/40.0
DS41	5040003600	S.LED	SML-D12U8WT86	T	2.8/30.2
DS51	5040003580	S.LED	SML-D12D8WT86	T	134.7/63.7
DS52	5040003500	S.LED	HT-191 UYG-K828	T	131.9/63.7
DS61	5040004620	S.LED	TO-A1608BY-CWF-5	T	134.4/47.3
DS62	5040004620	S.LED	TO-A1608BY-CWF-5	T	134.4/42.8
DS63	5040004620	S.LED	TO-A1608BY-CWF-5	T	134.4/38.3
DS64	5040004620	S.LED	TO-A1608BY-CWF-5	T	134.4/33.8
DS65	5040004620	S.LED	TO-A1608BY-CWF-5	T	134.4/29.3
DS66	5040004620	S.LED	TO-A1608BY-CWF-5	T	134.4/24.8
DS71	5040003580	S.LED	SML-D12D8WT86	T	148.3/63.7
DS72	5040003500	S.LED	HT-191 UYG-K828	T	145.5/63.7
DS81	5040004620	S.LED	TO-A1608BY-CWF-5	T	148.0/47.3
DS82	5040004620	S.LED	TO-A1608BY-CWF-5	T	148.0/42.8
DS83	5040004620	S.LED	TO-A1608BY-CWF-5	T	148.0/38.3
DS84	5040004620	S.LED	TO-A1608BY-CWF-5	T	148.0/33.8
DS85	5040004620	S.LED	TO-A1608BY-CWF-5	T	148.0/29.3
DS86	5040004620	S.LED	TO-A1608BY-CWF-5	T	148.0/24.8
S11	2260002740	S.SWI	LS8J2M-T	T	11.5/60.8
S21	2260002740	S.SWI	LS8J2M-T	T	11.5/49.8
S31	2260002740	S.SWI	LS8J2M-T	T	11.5/40.0
S41	2260002740	S.SWI	LS8J2M-T	T	11.5/30.2
S51	2260002740	S.SWI	LS8J2M-T	T	135.6/61.2
S61	2260002740	S.SWI	LS8J2M-T	T	135.6/52.2
S71	2260002740	S.SWI	LS8J2M-T	T	149.2/61.2
S81	2260002740	S.SWI	LS8J2M-T	T	149.2/52.2
S91	2260002740	S.SWI	LS8J2M-T	T	135.6/14.2
S92	2260002740	S.SWI	LS8J2M-T	T	149.2/14.2
S1301	2230001591	S.SWI	LS38J2F-T	B	4.5/60.5
EP154	6910026050	S.BEA	MMZ1005D121CT	T	22.5/29.0
EP155	6910026050	S.BEA	MMZ1005D121CT	T	27.4/28.2
EP156	6910026050	S.BEA	MMZ1005D121CT	T	25.8/27.9
EP157	6910026050	S.BEA	MMZ1005D121CT	T	24.1/27.6
EP158	6910026050	S.BEA	MMZ1005D121CT	T	22.5/27.3
EP159	6910026050	S.BEA	MMZ1005D121CT	T	29.6/33.7
EP160	6910026050	S.BEA	MMZ1005D121CT	T	28.0/33.3
EP161	6910026050	S.BEA	MMZ1005D121CT	T	26.1/33.0
EP162	6910026050	S.BEA	MMZ1005D121CT	T	27.3/29.9
EP163	6910026050	S.BEA	MMZ1005D121CT	T	25.7/29.6
EP164	6910026050	S.BEA	MMZ1005D121CT	T	24.1/29.3
EP165	6910026050	S.BEA	MMZ1005D121CT	T	27.7/36.1
EP166	6910026050	S.BEA	MMZ1005D121CT	T	29.8/35.8
EP167	6910026050	S.BEA	MMZ1005D121CT	T	28.0/35.1
EP168	6910026050	S.BEA	MMZ1005D121CT	T	29.6/34.7
EP169	6910026050	S.BEA	MMZ1005D121CT	T	26.1/34.5
EP170	6910026050	S.BEA	MMZ1005D121CT	T	35.2/37.3
EP171	6910026050	S.BEA	MMZ1005D121CT	T	35.5/36.0
EP172	6910026050	S.BEA	MMZ1005D121CT	T	33.9/36.5
EP173	6910026050	S.BEA	MMZ1005D121CT	T	33.9/35.4

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

[DISPLAY UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
EP551	6910023350	S.BEA MMZ1005B601CT	B	98.5/17.8
EP601	6910018930	S.BEA MPZ2012S601A	B	108.7/46.6
EP602	6910018930	S.BEA MPZ2012S601A	B	104.5/61.5
EP631	6910018930	S.BEA MPZ2012S601A	B	103.9/66.0
EP632	6910024810	S.BEA MPZ2012S300AT	B	88.6/66.8
EP705	6910016330	S.BEA MMZ1005S 601CT-S	B	31.0/13.5
EP706	6910016330	S.BEA MMZ1005S 601CT-S	B	31.0/12.6
EP1001	6910026040	S.BEA MPZ1608S331AT	B	16.8/62.8
EP1002	6910026040	S.BEA MPZ1608S331AT	B	22.7/65.4
EP1101	6910023350	S.BEA MMZ1005B601CT	B	29.7/23.3
EP1401	6910023350	S.BEA MMZ1005B601CT	B	65.0/20.6
EP1501	6910023350	S.BEA MMZ1005B601CT	B	72.7/49.7

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H/V LOCATION= Shows mounting location on the PCB.

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[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
IC1031	1110008930	S.IC NJU7704F3-03A-TE1	T	57.9/27.7
IC1101	1130010540	S.IC SN74AHC74PWR	T	127.8/61.7
IC1102	1130016520	S.IC BU4SU69G2-TR	T	124.9/66.3
IC1111	1130016520	S.IC BU4SU69G2-TR	B	133.1/44.8
IC1201	6910025460	S.DC MAX17503ATP+T	T	167.7/75.0
IC1251	1180006130	S.REG XC6230A001QR-G	T	181.3/78.6
IC1301	1180005130	S.REG NJM78L08UA-TE1	T	151.0/62.3
IC1371	1180004230	S.REG XC6222A321MR-G	T	210.1/67.4
IC1401	6910026650	S.DC ISL8023IRTAJZ-T	T	179.8/53.7
IC1601	6910028150	S.DC ADP5075ACBZ-R7	T	170.2/54.2
IC1701	6910025460	S.DC MAX17503ATP+T	T	144.2/76.3
IC1802	1180004630	S.REG NJM7805DL1A-TE1	T	144.5/45.7
IC2001	1120003170	S.IC ISL83083EIUZ-T	T	248.0/77.0
IC2011	1130010560	S.IC SN74AHC244PWR	B	244.4/34.3
IC2012	1130010560	S.IC SN74AHC244PWR	B	260.4/34.3
IC2101	1140017780	S.IC R7S721001VCBG	T	245.4/53.0
IC2401	1110010360	S.IC XC6119N30A7R-G	T	259.1/71.9
IC2501	1130019960	S.IC IS25LP128F-JBLE-TY	T	251.7/32.2
IC2601	1130016621	S.IC GT24C128B-2ZLI-TR	T	246.6/32.0
IC2701	1130016730	S.IC S-1009N30I-M5T1U	T	247.8/67.6
IC2751	1130016730	S.IC S-1009N30I-M5T1U	T	263.6/64.4
IC2802	1130018410	S.IC RX-8803LC UB	T	241.9/33.3
IC3001	1110008550	S.IC NJM2904CRB1-TE1	B	217.4/15.0
IC3051	1110008550	S.IC NJM2904CRB1-TE1	B	228.4/15.0
IC3101	1130016460	S.IC R2A20169SA	T	230.1/33.7
IC3201	1130010160	S.IC TC74HC4052AF(EL,F)	T	243.7/15.2
IC3301	1110008550	S.IC NJM2904CRB1-TE1	B	121.8/42.0
IC3401	1130019740	S.IC DP83848KSQ/NOPB	T	216.4/58.0
IC5001	1110005140	S.IC NJM3403AV-TE1	B	208.4/40.0
IC5002	1110005140	S.IC NJM3403AV-TE1	B	217.4/40.0
IC5181	1190006150	S.IC MCP45HV31-103E/MQ	T	204.8/28.7
IC5201	1110008620	S.IC BA2903SFVM-TR	B	226.4/41.0
IC5301	1190005370	S.IC SI7020-A20-GM1 [#12]	T	261.5/81.5
	1190005370	S.IC SI7020-A20-GM1 [#13]		
IC5302	1190006160	S.IC SHT40-AD1B-R2 Only [#14]	T	261.5/81.5
IC5401	1130019210	S.IC TC74VHC393F(EL,K,F)	T	41.6/66.5
IC5402	1130014260	S.IC SN74LVC2GU04DCKR	T	44.5/73.1
Q611	1590004060	S.TRA LDTC114EET1G	T	67.1/44.9
Q612	1590004060	S.TRA LDTC114EET1G	T	60.0/45.7
Q1001	1560002190	S.FET RUM002N02T2L	T	43.4/37.1
Q1002	1590005060	S.FET TPC8132,LQ	T	38.8/37.4
Q1031	1590004060	S.TRA LDTC114EET1G	T	58.9/24.4
Q1032	1560002190	S.FET RUM002N02T2L	T	56.1/24.2
Q1033	1590005060	S.FET TPC8132,LQ	T	52.1/24.8
Q1051	1560002190	S.FET RUM002N02T2L	T	47.2/36.0
Q1052	1590005060	S.FET TPC8132,LQ	T	52.1/32.3
Q1071	1560002190	S.FET RUM002N02T2L	T	57.1/65.6
Q1072	1590005060	S.FET TPC8132,LQ	T	57.6/69.8
Q1501	1590004060	S.TRA LDTC114EET1G	T	260.3/25.7
Q1502	1550000500	S.FET RZF020P01TL	T	260.3/20.4
Q2001	1590004060	S.TRA LDTC114EET1G	T	253.7/76.5
Q2101	1590004310	S.TRA LDTA114EET1G	T	229.4/44.7
Q2751	1560002190	S.FET RUM002N02T2L	T	267.1/65.2
Q2752	1560002190	S.FET RUM002N02T2L	T	267.1/63.5
Q2901	1590004060	S.TRA LDTC114EET1G	T	257.5/66.6
Q2902	1590004310	S.TRA LDTA114EET1G	T	257.5/68.6
Q3301	1510001300	S.TRA 2SAR553P5T100	T	119.2/46.7
Q3302	1530004140	S.TRA L2SC4081RT1G	T	122.9/47.9
Q3401	1590004310	S.TRA LDTA114EET1G	T	205.2/48.6
Q3402	1590004310	S.TRA LDTA114EET1G	T	205.2/50.6
Q5171	1590005220	S.TRA LDTA114YET1G	T	211.8/46.5
Q5172	1590004690	S.TRA LDTC143ZET1G	T	209.2/46.6
Q5201	1590004100	S.TRA LDTC144TET1G	T	229.4/42.5
Q5211	1590004100	S.TRA LDTC144TET1G	T	229.4/38.7
Q5402	1590004060	S.TRA LDTC114EET1G	T	43.6/59.9
Q5403	1590004310	S.TRA LDTA114EET1G	T	45.9/59.4
D1	1790002240	S.VAR EZAEG2N50AX	B	62.4/77.2
D11	1790002240	S.VAR EZAEG2N50AX	T	61.0/73.5
D1051	1750003730	S.DIO RBR5LAM40ATR	T	51.9/39.3
D1052	1750004300	S.DIO RBR3LAM40CTR	T	51.4/16.5
D1111	1750001820	S.DIO LRB706F-40T1G	B	136.6/45.2
D1112	1750001820	S.DIO LRB706F-40T1G	B	139.2/45.2
D1113	1750001820	S.DIO LRB706F-40T1G	B	141.8/45.2
D1114	1750001820	S.DIO LRB706F-40T1G	B	144.4/45.2
D1371	1750002110	S.DIO LRB551V-30T1G	T	206.1/66.2
D1601	1750004290	S.DIO RBR2MM40BTR	T	169.1/50.7
D2001	1750001820	S.DIO LRB706F-40T1G	B	254.2/73.0
D2011	1750001820	S.DIO LRB706F-40T1G	B	251.2/65.6
D2202	1750001810	S.DIO L1SS400T1G	B	270.0/50.1
D2204	1750001810	S.DIO L1SS400T1G [#13]	B	266.7/48.9
	1750001810	S.DIO L1SS400T1G [#14]		
D2205	1750001810	S.DIO L1SS400T1G	B	270.0/48.9
D2207	1750001810	S.DIO L1SS400T1G Only [#14]	B	266.6/47.6
D2208	1750001810	S.DIO L1SS400T1G	B	270.0/47.7
D2210	1750001810	S.DIO L1SS400T1G	B	266.7/46.5
D2211	1750001810	S.DIO L1SS400T1G [#12]	B	270.0/46.5
	1750001810	S.DIO L1SS400T1G [#13]		
D2802	1750001810	S.DIO L1SS400T1G	T	240.9/29.1
D2803	1750001810	S.DIO L1SS400T1G	T	240.9/30.3
D3022	1750001820	S.DIO LRB706F-40T1G	B	243.9/73.2
D3041	1750001810	S.DIO L1SS400T1G	T	218.7/12.6
D3042	1750001820	S.DIO LRB706F-40T1G	B	241.4/73.2
D3061	1750001810	S.DIO L1SS400T1G	T	229.1/17.5
D3062	1750001820	S.DIO LRB706F-40T1G	B	233.9/73.2
D3071	1750001820	S.DIO LRB706F-40T1G	B	238.9/73.2
D3081	1750001820	S.DIO LRB706F-40T1G	B	236.4/73.2
D3261	1750001820	S.DIO LRB706F-40T1G	B	246.8/17.1

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
D3262	1750001820	S.DIO LRB706F-40T1G	B	246.8/19.6
D3271	1750001820	S.DIO LRB706F-40T1G	B	240.6/13.4
D3272	1750001820	S.DIO LRB706F-40T1G	B	240.6/15.9
D3273	1750001820	S.DIO LRB706F-40T1G	B	240.6/18.4
D3274	1750001820	S.DIO LRB706F-40T1G	B	240.6/20.9
D3281	1750001820	S.DIO LRB706F-40T1G	B	246.8/14.6
D3282	1750001820	S.DIO LRB706F-40T1G	B	246.8/12.1
D3301	1750004230	S.ZEN UDZVTE-174.7B	T	123.2/45.7
D3401	1750004520	S.DIO RB521SM-30T2R	B	211.3/58.8
D3402	1750004520	S.DIO RB521SM-30T2R	B	211.3/57.6
D3403	1750004520	S.DIO RB521SM-30T2R	B	211.3/61.8
D3404	1750004520	S.DIO RB521SM-30T2R	B	211.3/60.6
D5001	1750002230	S.DIO LRB751S-40T1G	T	204.7/43.3
D5002	1750001810	S.DIO L1SS400T1G	T	210.5/44.4
D5031	1750002110	S.DIO LRB551V-30T1G	T	214.5/44.8
D5032	1750001820	S.DIO LRB706F-40T1G	T	231.2/57.2
D5061	1750001810	S.DIO L1SS400T1G	T	205.1/40.1
D5062	1750001810	S.DIO L1SS400T1G	T	206.5/35.0
D5063	1750001810	S.DIO L1SS400T1G	T	205.9/33.3
D5064	1750001810	S.DIO L1SS400T1G	T	204.1/38.0
D5065	1750001810	S.DIO L1SS400T1G	T	205.3/35.0
D5066	1750001810	S.DIO L1SS400T1G	T	204.1/35.5
D5067	1750001810	S.DIO L1SS400T1G	T	205.3/37.5
D5081	1750001810	S.DIO L1SS400T1G	T	212.4/40.1
D5101	1750001810	S.DIO L1SS400T1G	T	214.3/40.1
D5102	1750001810	S.DIO L1SS400T1G	T	215.3/34.9
D5103	1750001810	S.DIO L1SS400T1G	T	217.8/33.7
D5131	1750001810	S.DIO L1SS400T1G	T	221.4/42.6
D5161	1750001810	S.DIO L1SS400T1G	T	220.6/40.1
D5162	1750001810	S.DIO L1SS400T1G	T	219.5/35.6
D5163	1750001810	S.DIO L1SS400T1G	T	219.1/32.2
D5201	1750001810	S.DIO L1SS400T1G	T	223.5/42.9
D5202	1750001810	S.DIO L1SS400T1G	T	223.5/39.9
D5203	1750001810	S.DIO L1SS400T1G	T	226.9/41.1
D5204	1750001810	S.DIO L1SS400T1G	T	226.1/45.0
D5402	1750001820	S.DIO LRB706F-40T1G	T	41.1/72.7
FI651	4580000390	S.FIL DLW5BTM142TQ2L	T	44.4/47.0
X1101	6050012480	S.XTA CR-838 (4.194304 MHz)	T	119.6/65.4
X2101	6050014170	S.XTA CR-1017 (48.000 MHz)	T	240.8/67.2
X3401	6050014270	S.XTA CR-1030 (25.000 MHz)	T	219.5/50.3
L1201	6200016430	S.COI VLS5045EX-3R3N	T	173.6/75.0
L1401	6200016281	S.COI LSXND5050WKT1R0NMG	T	184.6/51.2
L1601	6200016400	S.COI VLS5045EX-6R8M	T	165.3/51.6
L1701	6200016430	S.COI VLS5045EX-3R3N	T	143.7/70.4
L5401	6200017690	S.COI NLV32T-101J-EF	T	48.7/71.3
L5402	6200017690	S.COI NLV32T-101J-EF	T	48.7/65.3
R1	7030016250	S.RES RMC1/16S-220JTH (22)	T	56.4/75.0
R2	7030016250	S.RES RMC1/16S-220JTH (22)	T	58.4/75.0
R3	7030016250	S.RES RMC1/16S-220JTH (22)	T	68.4/75.0
R4	7030016250	S.RES RMC1/16S-220JTH (22)	T	70.4/75.0
R5	7030016250	S.RES RMC1/16S-220JTH (22)	T	64.4/74.9
R6	7540000380	S.ABS EZAEG2A50AX	B	56.4/77.2
R7	7540000380	S.ABS EZAEG2A50AX	B	58.4/77.2
R8	7540000380	S.ABS EZAEG2A50AX	B	68.4/77.2
R9	7540000380	S.ABS EZAEG2A50AX	B	70.4/77.2
R10	7540000380	S.ABS EZAEG2A50AX	B	64.4/77.2
R11	7540000380	S.ABS EZAEG2A50AX	B	66.4/77.2
R12	7540000380	S.ABS EZAEG2A50AX	T	67.2/71.9
R13	7540000380	S.ABS EZAEG2A50AX	T	65.2/71.9
R14	7540000380	S.ABS EZAEG2A50AX	T	57.3/74.3
R15	7540000380	S.ABS EZAEG2A50AX	T	59.3/75.0
R16	7540000380	S.ABS EZAEG2A50AX	T	69.2/72.9
R17	7540000380	S.ABS EZAEG2A50AX	T	71.2/72.9
R201	7030015910	S.RES RMC1/16S-101JTH (100)	T	112.8/11.4
R203	7030015910	S.RES RMC1/16S-101JTH (100)	T	111.8/11.4
R205	7030015910	S.RES RMC1/16S-101JTH (100)	T	110.8/11.4
R207	7030015910	S.RES RMC1/16S-101JTH (100)	T	109.8/11.4
R210	7030015910	S.RES RMC1/16S-101JTH (100)	T	108.3/18.2
R212	7030015910	S.RES RMC1/16S-101JTH (100)	T	107.3/18.2
R301	7030015910	S.RES RMC1/16S-101JTH (100)	T	11.1/55.1
R303	7030015910	S.RES RMC1/16S-101JTH (100)	T	11.1/53.1
R305	7030015910	S.RES RMC1/16S-101JTH (100)	T	11.1/59.1
R306	7030015910	S.RES RMC1/16S-101JTH (100)	T	11.1/63.1
R307	7030015910	S.RES RMC1/16S-101JTH (100)	T	11.1/57.1
R308	7030015910	S.RES RMC1/16S-101JTH (100)	T	11.1/61.1
R309	7030015910	S.RES RMC1/16S-101JTH (100)	T	11.1/49.1
R310	7030015910	S.RES RMC1/16S-101JTH (100)	T	11.1/47.1
R311	7030015910	S.RES RMC1/16S-101JTH (100)	T	11.1/51.1
R312	7030015910	S.RES RMC1/16S-101JTH (100)	T	11.1/45.1
R405	7030015910	S.RES RMC1/16S-101JTH (100)	T	30.7/18.8
R406	7030015910	S.RES RMC1/16S-101JTH (100)	T	31.2/11.4
R407	7030015910	S.RES RMC1/16S-101JTH (100)	T	31.7/18.8
R408	7030015910	S.RES RMC1/16S-101JTH (100)	T	32.2/11.4
R409	7030015910	S.RES RMC1/16S-101JTH (100)	T	32.7/18.8
R410	7030015910	S.RES RMC1/16S-101JTH (100)	T	33.2/11.4
R411	7030015910	S.RES RMC1/16S-101JTH (100)	T	33.7/18.8
R413	7030015910	S.RES RMC1/16S-101JTH (100)	T	34.7/18.8
R415	7030015910	S.RES RMC1/16S-101JTH (100)	T	35.7/18.8
R417	7030015910	S.RES RMC1/16S-101JTH (100)	T	36.7/18.8
R418	7030015910	S.RES RMC1/16S-101JTH (100)	T	37.2/11.4
R420	7030015910	S.RES RMC1/16S-101JTH (100)	T	38.2/11.4
R424	7030015910	S.RES RMC1/16S-101JTH (100)	T	40.2/11.4
R426	7030015910	S.RES RMC1/16S-101JTH (100)	T	41.2/11.4

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R427	7030016060	S.RES RMC1/16S-105JTH (1 M)	T	247.0/70.8
R428	7030016060	S.RES RMC1/16S-105JTH (1 M)	T	246.1/71.3
R503	7030015910	S.RES RMC1/16S-101JTH (100)	T	22.9/65.8
R505	7030015910	S.RES RMC1/16S-101JTH (100)	T	23.9/65.8
R506	7030015910	S.RES RMC1/16S-101JTH (100)	T	23.9/76.3
R507	7030015910	S.RES RMC1/16S-101JTH (100)	T	24.9/65.8
R508	7030015910	S.RES RMC1/16S-101JTH (100)	T	24.9/76.3
R510	7030015910	S.RES RMC1/16S-101JTH (100)	T	25.9/76.3
R538	7030015910	S.RES RMC1/16S-101JTH (100)	T	72.4/75.5
R540	7030015910	S.RES RMC1/16S-101JTH (100)	T	74.4/75.5
R603	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	60.6/48.4
R605	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	65.0/46.9
R611	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	67.1/41.5
R612	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	256.0/55.8
R613	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	256.0/56.8
R614	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	256.0/57.7
R701	7030016520	S.RES RMC1/16S-270JTH (27)	T	257.8/12.2
R702	7030016520	S.RES RMC1/16S-270JTH (27)	T	257.3/18.1
R703	7030016520	S.RES RMC1/16S-270JTH (27)	T	258.3/18.1
R706	7030016520	S.RES RMC1/16S-270JTH (27)	T	261.3/18.1
R708	7030016520	S.RES RMC1/16S-270JTH (27)	T	261.9/12.2
R709	7030016520	S.RES RMC1/16S-270JTH (27)	T	262.8/12.2
R710	7030015910	S.RES RMC1/16S-101JTH (100)	T	262.3/18.1
R711	7030015910	S.RES RMC1/16S-101JTH (100)	T	260.8/12.2
R721	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	257.8/10.6
R722	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	257.3/19.7
R723	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	258.3/19.7
R728	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	261.9/10.6
R729	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	262.8/10.6
R730	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	262.3/19.7
R731	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	260.8/10.6
R1001	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	44.7/37.2
R1002	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	43.3/38.5
R1003	7030016020	S.RES RMC1/16S-104JTH (100 k)	T	42.0/38.7
R1004	7030016000	S.RES RMC1/16S-823JTH (82 k)	T	42.0/37.1
R1031	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	58.8/29.9
R1032	7030016080	S.RES RMC1/16S-822JTH (8.2 k)	T	59.8/29.3
R1033	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	59.8/27.7
R1034	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	57.9/22.9
R1035	7030016020	S.RES RMC1/16S-104JTH (100 k)	T	57.5/21.7
R1036	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	57.5/24.2
R1037	7030016020	S.RES RMC1/16S-104JTH (100 k)	T	55.6/21.0
R1038	7030016000	S.RES RMC1/16S-823JTH (82 k)	T	55.6/22.6
R1051	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	47.2/38.2
R1052	7030016080	S.RES RMC1/16S-822JTH (8.2 k)	T	48.7/40.1
R1053	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	48.4/37.8
R1054	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	47.2/37.3
R1055	7030016020	S.RES RMC1/16S-104JTH (100 k)	T	48.6/35.9
R1056	7030016000	S.RES RMC1/16S-823JTH (82 k)	T	48.1/34.7
R1071	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	59.7/65.2
R1072	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	58.4/65.7
R1073	7030016020	S.RES RMC1/16S-104JTH (100 k)	T	54.5/66.5
R1074	7030016000	S.RES RMC1/16S-823JTH (82 k)	T	55.4/65.6
R1101	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	132.4/61.4
R1102	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	133.3/61.4
R1105	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	122.7/64.6
R1106	7030015910	S.RES RMC1/16S-101JTH (100)	T	130.4/65.6
R1107	7030016060	S.RES RMC1/16S-105JTH (1 M)	T	122.7/66.3
R1111	7030015970	S.RES RMC1/16S-103JTH (10 k)	B	130.8/44.3
R1112	7030016020	S.RES RMC1/16S-104JTH (100 k)	B	132.6/47.2
R1201	7030015910	S.RES RMC1/16S-101JTH (100)	T	164.0/76.0
R1203	7030016380	S.RES RMC1/16S-183JTH (18 k)	T	164.5/72.6
R1204	7030018480	S.RES RGC1/16SC563DTH (56 k)	T	163.7/74.1
R1205	7030017120	S.RES RGC1/16SC103DTH (10 k)	T	162.8/74.1
R1206	7030016840	S.RES RGC1/16SC682DTH (6.8 k)	T	162.8/72.4
R1251	7030016560	S.RES RMC1/16SJPTH (JPW)	T	186.4/78.4
R1252	7030020950	S.RES RMC1/16SK823FTH (82 k)	T	186.4/79.5
R1253	7030018300	S.RES RMC1/16K473FTP (47 k)	T	186.2/80.5
R1301	7030021110	S.RES RMC1-5R6JTE (5.6)	T	153.6/71.8
R1372	7030021140	S.RES RMC1-220JTE (22)	T	206.1/72.0
R1374	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	210.9/65.2
R1401	7030015910	S.RES RMC1/16S-101JTH (100)	T	179.3/56.8
R1403	7030018480	S.RES RGC1/16SC563DTH (56 k)	T	176.9/50.7
R1404	7030018480	S.RES RGC1/16SC563DTH (56 k)	T	177.3/52.0
R1405	7030017080	S.RES RGC1/16SC182DTH (1.8 k)	T	175.7/52.0
R1501	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	260.3/24.1
R1502	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	260.3/22.5
R1503	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	259.8/18.4
R1601	7030015910	S.RES RMC1/16S-101JTH (100)	T	171.4/57.9
R1605	7030016330	S.RES RMC1/16S-153JTH (15 k)	T	168.2/55.7
R1606	7030016910	S.RES RGC1/16SC393DTH (39 k)	T	169.6/57.9
R1607	7030016820	S.RES RGC1/16SC333DTH (33 k)	T	170.5/57.9
R1608	7030016400	S.RES RMC1/16S-564JTH (560 k)	T	168.7/57.9
R1609	7030016400	S.RES RMC1/16S-564JTH (560 k)	T	169.2/56.6
R1610	7030016560	S.RES RMC1/16SJPTH (JPW)	T	174.0/54.0
R1611	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	166.1/39.7
R1612	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	166.1/38.8
R1613	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	166.1/37.9
R1614	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	166.1/37.0
R1702	7030016560	S.RES RMC1/16SJPTH (JPW)	T	146.1/80.0
R1703	7030016380	S.RES RMC1/16S-183JTH (18 k)	T	140.8/78.6
R1704	7030016910	S.RES RGC1/16SC393DTH (39 k)	T	142.0/79.9
R1705	7030016960	S.RES RGC1/16SC102DTH (1.0 k)	T	143.2/80.3
R1706	7030016830	S.RES RGC1/16SC153DTH (15 k)	T	143.2/81.2
R1802	7030021140	S.RES RMC1-220JTE (22)	T	133.0/44.0
R1803	7030021140	S.RES RMC1-220JTE (22)	T	133.0/48.6
R2001	7030016210	S.RES RMC1/16S-121JTH (120)	T	244.3/76.5
R2002	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	251.7/75.1
R2003	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	248.4/74.4
R2004	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	251.3/65.7
R2005	7030016560	S.RES RMC1/16SJPTH (JPW)	T	254.2/75.1

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R2006	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	252.9/65.7
R2011	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	242.7/41.5
R2012	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	240.0/41.5
R2013	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	240.9/41.5
R2014	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	258.8/58.2
R2015	7030016020	S.RES RMC1/16S-104JTH (100 k)	B	250.3/35.3
R2016	7030016020	S.RES RMC1/16S-104JTH (100 k)	B	249.8/36.6
R2017	7030016020	S.RES RMC1/16S-104JTH (100 k)	B	235.9/36.9
R2018	7030016020	S.RES RMC1/16S-104JTH (100 k)	B	236.9/35.0
R2019	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	249.1/32.7
R2020	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	240.0/31.9
R2021	7030016020	S.RES RMC1/16S-104JTH (100 k)	B	266.0/37.9
R2022	7030016020	S.RES RMC1/16S-104JTH (100 k)	B	255.6/35.3
R2023	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	265.1/32.6
R2024	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	265.9/34.1
R2025	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	254.8/32.2
R2026	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	254.9/30.8
R2101	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	243.5/64.1
R2102	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	239.5/64.1
R2103	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	241.8/41.5
R2104	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	252.2/41.5
R2105	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	247.8/64.6
R2106	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	259.9/50.8
R2107	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	233.9/60.7
R2108	7030016500	S.RES RMC1/16S-562JTH (5.6 k)	T	245.6/64.6
R2112	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	259.9/49.0
R2113	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	259.9/48.1
R2114	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	259.9/49.9
R2115	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	259.9/51.7
R2116	7030016060	S.RES RMC1/16S-105JTH (1 M)	T	241.9/64.5
R2117	7030015930	S.RES RMC1/16S-471JTH (470)	T	241.0/64.5
R2121	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	253.1/41.5
R2201	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	267.0/45.3
R2202	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	270.3/45.3
R2301	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	227.2/73.0
R2302	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	226.7/67.1
R2303	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	225.2/73.0
R2304	7030016020	S.RES RMC1/16S-104JTH (100 k)	T	227.7/67.1
R2305	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	226.2/73.0
R2306	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	225.7/67.1
R2401	7030016560	S.RES RMC1/16SJPTH (JPW)	T	262.1/71.7
R2403	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	263.0/71.7
R2501	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	253.6/38.1
R2502	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	252.7/38.1
R2503	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	251.8/38.1
R2504	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	252.4/26.3
R2505	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	251.5/26.3
R2506	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	250.6/26.3
R2601	7030016290	S.RES RMC1/16S-222JTH (2.2 k)	T	246.1/36.3
R2602	7030016290	S.RES RMC1/16S-222JTH (2.2 k)	T	246.1/37.2
R2701	7030016220	S.RES RMC1/16S-563JTH (56 k)	T	252.0/68.3
R2702	7030016090	S.RES RMC1/16S-223JTH (22 k)	T	251.1/68.3
R2703	7030016440	S.RES RMC1/16S-272JTH (2.7 k)	T	251.1/69.9
R2704	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	250.4/66.6
R2751	7030016220	S.RES RMC1/16S-563JTH (56 k)	T	265.5/67.7
R2752	7030016090	S.RES RMC1/16S-223JTH (22 k)	T	263.8/67.7
R2753	7030016440	S.RES RMC1/16S-272JTH (2.7 k)	T	262.6/67.1
R2754	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	268.8/64.3
R2755	7030016220	S.RES RMC1/16S-563JTH (56 k)	T	265.5/66.8
R2756	7030016120	S.RES RMC1/16S-682JTH (6.8 k)	T	265.8/65.1
R2757	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	268.8/65.2
R2801	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	240.9/36.3
R2802	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	242.7/36.3
R2803	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	242.7/30.1
R2902	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	255.2/68.2
R3001	7030015910	S.RES RMC1/16S-101JTH (100)	B	219.6/15.9
R3022	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	215.8/16.6
R3023	7030015990	S.RES RMC1/16S-683JTH (68 k)	T	217.4/16.6
R3024	7030016120	S.RES RMC1/16S-682JTH (6.8 k)	T	215.4/14.8
R3025	7030016330	S.RES RMC1/16S-153JTH (15 k)	T	215.4/15.7
R3027	7030015910	S.RES RMC1/16S-101JTH (100)	T	220.7/16.9
R3028	7030016290	S.RES RMC1/16S-222JTH (2.2 k)	T	221.1/18.1
R3029	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	223.1/16.5
R3030	7030015520	S.RES RMC1/16JPTP (JPW)	T	218.5/17.6
R3043	7030016360	S.RES RMC1/16S-123JTH (12 k)	T	216.0/10.7
R3044	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	216.0/12.5
R3046	7030015900	S.RES RMC1/16S-470JTH (47)	T	220.2/11.8
R3047	7030016290	S.RES RMC1/16S-222JTH (2.2 k)	T	220.7/13.0
R3048	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	223.6/11.4
R3051	7030015910	S.RES RMC1/16S-101JTH (100)	B	230.6/15.9
R3063	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	226.3/18.4
R3064	7030016380	S.RES RMC1/16S-183JTH (18 k)	T	226.3/17.5
R3066	7030015900	S.RES RMC1/16S-470JTH (47)	T	230.7/17.5
R3067	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	231.1/18.7
R3068	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	233.1/17.2
R3073	7030016050	S.RES RMC1/16S-102JTH (1 k)	B	239.3/70.4
R3081	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	227.6/13.5
R3082	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	228.8/12.1
R3083	7030016560	S.RES RMC1/16SJPTH (JPW)	T	230.9/13.3
R3084	7030016420	S.RES RMC1/16S-182JTH (1.8 k)	T	229.3/13.3
R3085	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	229.7/12.1
R3101	7410001230	S.ARR EXB28V101JX	T	224.3/31.2
R3102	7410001230	S.ARR EXB28V101JX	T	224.3/33.7
R3103	7410001230	S.ARR EXB28V101JX	T	224.3/36.2
R3104	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	234.9/33.4
R3201	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	237.8/19.7
R3202	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	237.8/18.1
R3203	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	237.8/15.6
R3204	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	237.8/14.0
R3205	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	236.1/19.7
R3206	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	236.1/15.6

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
R3207	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	237.8/17.2
R3208	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	249.6/15.9
R3209	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	249.6/18.4
R3210	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	249.6/16.8
R3211	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	249.6/14.3
R3212	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	249.6/12.7
R3213	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	251.3/18.4
R3214	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	251.3/16.8
R3215	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	251.8/14.3
R3216	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	251.3/12.7
R3217	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	236.1/18.1
R3218	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	236.1/14.0
R3302	7030022010	S.RES	RMC1/2-2R2JTE (2.2)	B	111.8/47.9
R3304	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	122.7/40.5
R3305	7030022000	S.RES	RMC1/2-1R0JTE (1)	B	111.8/40.4
R3307	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	119.7/41.9
R3310	7030022000	S.RES	RMC1/2-1R0JTE (1)	B	111.8/44.1
R3314	7030015930	S.RES	RMC1/16S-471JTH (470)	T	124.7/47.5
R3315	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	122.6/44.3
R3316	7030016380	S.RES	RMC1/16S-183JTH (18 k)	T	121.9/43.4
R3317	7030016090	S.RES	RMC1/16S-223JTH (22 k)	T	120.5/43.3
R3318	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	121.9/42.0
R3319	7030021140	S.RES	RMC1-220JTE (22)	B	122.0/47.6
R3401	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/53.8
R3402	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/54.8
R3403	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/55.8
R3404	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/56.8
R3405	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/57.8
R3406	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/58.8
R3407	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/59.8
R3408	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/60.8
R3409	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/61.8
R3410	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/57.8
R3411	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/58.8
R3412	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/59.8
R3413	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/60.8
R3414	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/61.8
R3415	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/56.8
R3416	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/54.8
R3417	7030015910	S.RES	RMC1/16S-101JTH (100)	T	218.2/63.7
R3418	7030019670	S.RES	RMC1/16K392FTP (3.9 k)	T	209.9/52.3
R3419	7030016480	S.RES	RMC1/16S-821JTH (820)	T	207.8/52.3
R3420	7030016270	S.RES	RMC1/16S-151JTH (150)	T	207.8/51.4
R3421	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	213.8/51.5
R3422	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	214.7/51.5
R3423	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	212.0/51.5
R3424	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	212.9/51.5
R3425	7030016080	S.RES	RMC1/16S-822JTH (8.2 k)	T	217.2/51.0
R3426	7030015910	S.RES	RMC1/16S-101JTH (100)	T	209.0/62.1
R3427	7030015910	S.RES	RMC1/16S-101JTH (100)	T	208.1/60.5
R3428	7030015910	S.RES	RMC1/16S-101JTH (100)	T	208.1/57.3
R3429	7030015910	S.RES	RMC1/16S-101JTH (100)	T	209.0/58.9
R3430	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	78.5/35.4
R3431	7030016270	S.RES	RMC1/16S-151JTH (150)	B	86.7/45.7
R3432	7030016270	S.RES	RMC1/16S-151JTH (150)	B	80.4/45.7
R3433	7030016270	S.RES	RMC1/16S-151JTH (150)	B	82.2/46.6
R3434	7030016270	S.RES	RMC1/16S-151JTH (150)	B	87.6/46.6
R3435	7030016560	S.RES	RMC1/16SJPTH (JPW)	B	86.5/51.6
R3436	7030015910	S.RES	RMC1/16S-101JTH (100)	T	208.1/62.1
R3437	7030015910	S.RES	RMC1/16S-101JTH (100)	T	209.0/60.5
R3438	7030015910	S.RES	RMC1/16S-101JTH (100)	T	209.0/57.3
R3439	7030015910	S.RES	RMC1/16S-101JTH (100)	T	208.1/58.9
R3440	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/55.8
R3441	7030016270	S.RES	RMC1/16S-151JTH (150)	B	85.8/45.7
R3442	7030016270	S.RES	RMC1/16S-151JTH (150)	B	79.5/45.7
R3443	7030016270	S.RES	RMC1/16S-151JTH (150)	B	81.3/46.6
R3444	7030016270	S.RES	RMC1/16S-151JTH (150)	B	88.5/46.6
R3445	7030015520	S.RES	RMC1/16JPTP (JPW)	T	205.9/53.7
R3446	7030016560	S.RES	RMC1/16SJPTH (JPW)	B	219.1/63.2
R3447	7030016560	S.RES	RMC1/16SJPTH (JPW)	B	212.5/62.9
R5001	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	206.0/42.5
R5003	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	206.0/44.1
R5004	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	202.9/32.2
R5005	7030016220	S.RES	RMC1/16S-563JTH (56 k)	T	207.6/43.8
R5006	7030016140	S.RES	RMC1/16S-124JTH (120 k)	T	210.2/43.4
R5007	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	210.2/42.5
R5008	7030016190	S.RES	RMC1/16S-273JTH (27 k)	T	208.6/42.5
R5031	7030016060	S.RES	RMC1/16S-105JTH (1 M)	T	215.8/41.1
R5032	7030016060	S.RES	RMC1/16S-105JTH (1 M)	T	216.9/42.9
R5033	7030016060	S.RES	RMC1/16S-105JTH (1 M)	T	215.6/42.5
R5034	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	214.4/43.4
R5035	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	214.5/46.2
R5036	7030016190	S.RES	RMC1/16S-273JTH (27 k)	T	232.3/72.6
R5037	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	231.4/55.0
R5061	7030016430	S.RES	RMC1/16S-392JTH (3.9 k)	T	208.6/34.3
R5062	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	207.5/35.5
R5063	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	207.9/37.2
R5064	7030016000	S.RES	RMC1/16S-823JTH (82 k)	T	207.8/39.3
R5065	7030016320	S.RES	RMC1/16S-225JTH (2.2 M)	T	206.7/37.6
R5066	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	206.2/39.3
R5081	7030015960	S.RES	RMC1/16S-472JTH (4.7 k)	T	209.3/33.1
R5082	7030016320	S.RES	RMC1/16S-225JTH (2.2 M)	T	209.8/34.9
R5083	7030016330	S.RES	RMC1/16S-153JTH (15 k)	T	209.0/37.2
R5084	7030016000	S.RES	RMC1/16S-823JTH (82 k)	T	209.1/39.3
R5085	7030016320	S.RES	RMC1/16S-225JTH (2.2 M)	T	210.8/37.2
R5086	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	209.9/37.2
R5087	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	212.4/38.0
R5101	7030016390	S.RES	RMC1/16S-184JTH (180 k)	T	214.9/35.9
R5102	7030016390	S.RES	RMC1/16S-184JTH (180 k)	T	216.1/36.4
R5103	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	217.0/37.2
R5104	7030016100	S.RES	RMC1/16S-334JTH (330 k)	T	216.8/39.3

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
R5105	7030016060	S.RES	RMC1/16S-105JTH (1 M)	T	215.7/37.6
R5106	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	214.3/38.0
R5131	7030016390	S.RES	RMC1/16S-184JTH (180 k)	T	218.4/44.9
R5132	7030016390	S.RES	RMC1/16S-184JTH (180 k)	T	218.9/43.7
R5133	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	218.0/42.9
R5134	7030016100	S.RES	RMC1/16S-334JTH (330 k)	T	218.5/41.1
R5135	7030016320	S.RES	RMC1/16S-225JTH (2.2 M)	T	219.2/42.5
R5136	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	220.4/42.9
R5137	7030016500	S.RES	RMC1/16S-562JTH (5.6 k)	B	222.1/45.5
R5138	7030016300	S.RES	RMC1/16S-332JTH (3.3 k)	T	220.8/44.2
R5161	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	219.5/34.6
R5162	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	219.2/36.7
R5164	7030016100	S.RES	RMC1/16S-334JTH (330 k)	T	218.1/39.3
R5165	7030016040	S.RES	RMC1/16S-224JTH (220 k)	T	219.2/37.6
R5166	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	220.6/38.0
R5172	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	210.5/45.5
R5173	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	208.5/45.0
R5181	7030015910	S.RES	RMC1/16S-101JTH (100)	T	203.5/23.8
R5182	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	201.1/30.4
R5183	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	206.5/32.2
R5184	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	204.8/24.2
R5191	7030015910	S.RES	RMC1/16S-101JTH (100)	B	208.4/44.7
R5192	7030015910	S.RES	RMC1/16S-101JTH (100)	B	208.0/35.7
R5193	7030015910	S.RES	RMC1/16S-101JTH (100)	B	217.4/44.7
R5194	7030015910	S.RES	RMC1/16S-101JTH (100)	B	217.0/35.7
R5201	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	226.1/43.0
R5202	7030016040	S.RES	RMC1/16S-224JTH (220 k)	T	227.0/43.0
R5203	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	223.9/41.8
R5204	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	223.9/40.9
R5205	7030016140	S.RES	RMC1/16S-124JTH (120 k)	T	225.9/39.1
R5206	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	226.8/39.1
R5207	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	227.7/39.1
R5208	7030016040	S.RES	RMC1/16S-224JTH (220 k)	T	227.9/43.0
R5209	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	228.9/41.1
R5210	7030016070	S.RES	RMC1/16S-474JTH (470 k)	T	228.9/40.2
R5212	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	225.2/43.0
R5213	7030016350	S.RES	RMC1/16S-122JTH (1.2 k)	T	273.1/67.3
R5291	7030015910	S.RES	RMC1/16S-101JTH (100)	B	224.2/39.2
R5402	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	44.1/74.9
R5403	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	43.3/61.4
R5404	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	48.4/60.4
R5406	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	40.3/60.9
R5409	7030015930	S.RES	RMC1/16S-471JTH (470)	T	42.7/74.2
C1	4030025370	S.CER	GRM033R61C104KE14D	T	63.2/71.8
C2	4030025040	S.CER	GRM0332C1H220JA01D	T	66.4/72.1
C3	4030025300	S.CER	GRM0332C1H221JA01D	T	64.4/72.1
C4	4030025040	S.CER	GRM0332C1H220JA01D	T	56.7/73.2
C5	4030025040	S.CER	GRM0332C1H220JA01D	T	58.1/73.2
C6	4030025040	S.CER	GRM0332C1H220JA01D	T	68.4/73.0
C7	4030025040	S.CER	GRM0332C1H220JA01D	T	70.4/73.0
C201	4030022120	S.CER	GRM0332C1H470JA01D	B	112.8/11.2
C202	4030022160	S.CER	GRM033B31A104KE84D	B	112.3/18.3
C203	4030022120	S.CER	GRM0332C1H470JA01D	B	111.8/11.2
C204	4030022140	S.CER	GRM033B31H102KA12D	B	111.3/18.3
C205	4030022120	S.CER	GRM0332C1H470JA01D	B	110.8/11.2
C206	4030022140	S.CER	GRM033B31H102KA12D	B	110.3/18.3
C207	4030022120	S.CER	GRM0332C1H470JA01D	B	109.8/11.2
C208	4030022160	S.CER	GRM033B31A104KE84D	B	109.3/18.3
C210	4030022160	S.CER	GRM033B31A104KE84D	B	108.3/18.3
C212	4030022160	S.CER	GRM033B31A104KE84D	B	107.3/18.3
C216	4030022160	S.CER	GRM033B31A104KE84D	T	105.3/23.1
C218	4030025370	S.CER	GRM033R61C104KE14D	T	101.3/23.1
C219	4030026620	S.CER	GRM188R72A104KA35D	T	103.3/24.2
C301	4030022120	S.CER	GRM0332C1H470JA01D	B	11.2/55.1
C302	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/67.1
C303	4030022120	S.CER	GRM0332C1H470JA01D	B	11.2/53.1
C304	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/65.1
C305	4030022120	S.CER	GRM0332C1H470JA01D	B	11.2/59.1
C306	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/63.1
C307	4030022120	S.CER	GRM0332C1H470JA01D	B	11.2/57.1
C308	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/61.1
C309	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/49.1
C310	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/47.1
C311	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/51.1
C312	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/45.1
C316	4030022160	S.CER	GRM033B31A104KE84D	T	15.7/37.1
C318	4030025370	S.CER	GRM033R61C104KE14D	T	14.2/35.8
C401	4030025370	S.CER	GRM033R61C104KE14D	B	29.2/22.3
C405	4030022120	S.CER	GRM0332C1H470JA01D	B	30.7/21.3
C406	4030022120	S.CER	GRM0332C1H470JA01D	B	31.2/11.2
C407	4030022120	S.CER	GRM0332C1H470JA01D	B	31.7/21.3
C408	4030022120	S.CER	GRM0332C1H470JA01D	B	32.2/11.2
C409	4030022120	S.CER	GRM0332C1H470JA01D	B	32.7/21.3
C410	4030022120	S.CER	GRM0332C1H470JA01D	B	33.2/11.2
C411	4030022160	S.CER	GRM033B31A104KE84D	B	33.7/21.3
C413	4030022160	S.CER	GRM033B31A104KE84D	B	34.7/21.3
C415	4030022160	S.CER	GRM033B31A104KE84D	B	35.7/21.3
C416	4030025300	S.CER	GRM0332C1H221JA01D	B	36.2/11.2
C417	4030022160	S.CER	GRM033B31A104KE84D	B	36.7/21.3
C418	4030022160	S.CER	GRM033B31A104KE84D	B	37.2/11.2
C419	4030025300	S.CER	GRM0332C1H221JA01D	B	37.7/21.3
C420	4030022160	S.CER	GRM033B31A104KE84D	B	38.2/11.2
C421	4030025300	S.CER	GRM0332C1H221JA01D	B	38.7/21.3
C423	4030025300	S.CER	GRM0332C1H221JA01D	B	39.7/21.3
C424	4030022160	S.CER	GRM033B31A104KE84D	B	40.2/11.2
C425	4030025300	S.CER	GRM0332C1H221JA01D	B	40.7/21.3
C426	4030022160	S.CER	GRM033B31A104KE84D	B	41.2/11.2
C433	4030022160	S.CER	GRM033B31A104KE84D	B	44.8/22.3
C435	4030025370	S.CER	GRM033R61C104KE14D	B	46.1/23.5

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

(Amended page)

The underlined parts have been updated from the addendum of the previous version, or from the original page.

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C438	4030025370	S.CER GRM033R61C104KE14D	T	50.4/11.1
C503	4030025040	S.CER GRM0332C1H220JA01D	B	22.9/65.6
C504	4030025370	S.CER GRM033R61C104KE14D	B	22.9/76.4
C505	4030025040	S.CER GRM0332C1H220JA01D	B	23.9/65.6
C506	4030025370	S.CER GRM033R61C104KE14D	B	23.9/76.4
C507	4030025040	S.CER GRM0332C1H220JA01D	B	24.9/65.6
C508	4030025370	S.CER GRM033R61C104KE14D	B	24.9/76.4
C509	4030026620	S.CER GRM188R72A104KA35D	B	26.0/66.0
C510	4030022140	S.CER GRM033B31H102KA12D	B	25.9/76.4
C511	4030025370	S.CER GRM033R61C104KE14D	T	26.5/63.6
C512	4030022140	S.CER GRM033B31H102KA12D	B	26.9/76.4
C513	4030025370	S.CER GRM033R61C104KE14D	T	31.9/62.1
C514	4030025370	S.CER GRM033R61C104KE14D	B	27.9/76.4
C515	4030025370	S.CER GRM033R61C104KE14D	T	31.9/63.3
C516	4030025370	S.CER GRM033R61C104KE14D	B	28.9/76.4
C517	4030025370	S.CER GRM033R61C104KE14D	T	31.8/65.7
C518	4030025370	S.CER GRM033R61C104KE14D	B	29.9/76.4
C520	4030025370	S.CER GRM033R61C104KE14D	B	30.9/76.4
C537	4030025370	S.CER GRM033R61C104KE14D	T	74.6/47.8
C538	4030022160	S.CER GRM033B31A104KE84D	T	72.4/73.4
C539	4030025370	S.CER GRM033R61C104KE14D	T	72.5/47.7
C540	4030022160	S.CER GRM033B31A104KE84D	T	74.4/73.4
C541	4030025300	S.CER GRM0332C1H221JA01D	T	76.4/73.4
C542	4030025300	S.CER GRM0332C1H221JA01D	T	78.4/73.4
C543	4030022160	S.CER GRM033B31A104KE84D	T	82.4/73.7
C601	4030025370	S.CER GRM033R61C104KE14D	T	65.2/47.7
C602	4030025370	S.CER GRM033R61C104KE14D	T	60.8/47.1
C611	4030025370	S.CER GRM033R61C104KE14D	T	66.6/46.3
C612	4030022160	S.CER GRM033B31A104KE84D	T	60.3/44.3
C651	4030025370	S.CER GRM033R61C104KE14D	T	39.9/44.1
C652	4030026440	S.CER CL32A476KOJNNPE	T	37.1/42.8
C705	4030022160	S.CER GRM033B31A104KE84D	T	259.8/17.6
C1001	4030026440	S.CER CL32A476KOJNNPE	T	143.7/17.6
C1007	4030022160	S.CER GRM033B31A104KE84D	T	45.7/36.7
C1031	4030022150	S.CER GRM033B31E103KA12D	T	56.1/28.1
C1032	4030025370	S.CER GRM033R61C104KE14D	T	58.5/26.0
C1051	4030026330	S.CER CL21A106KAYNNPE	T	46.6/39.6
C1052	4030026440	S.CER CL32A476KOJNNPE	T	166.2/15.4
C1071	4030022160	S.CER GRM033B31A104KE84D	T	59.5/66.0
C1102	4030022160	S.CER GRM033B31A104KE84D	T	129.2/65.3
C1103	4030025290	S.CER GRM0332C1H150JA01D	T	116.5/63.9
C1104	4030022160	S.CER GRM033B31A104KE84D	T	127.1/65.9
C1105	4030025290	S.CER GRM0332C1H150JA01D	T	116.5/66.9
C1106	4030022160	S.CER GRM033B31A104KE84D	T	130.6/66.4
C1111	4030025370	S.CER GRM033R61C104KE14D	B	134.3/42.7
C1112	4030025230	S.CER TMK107BJ105KAHT	B	130.7/42.1
C1113	4030025230	S.CER TMK107BJ105KAHT	B	135.2/47.3
C1114	4030025230	S.CER TMK107BJ105KAHT	B	136.7/43.2
C1115	4030025230	S.CER TMK107BJ105KAHT	B	137.9/47.3
C1116	4030025230	S.CER TMK107BJ105KAHT	B	139.3/43.2
C1117	4030025230	S.CER TMK107BJ105KAHT	B	140.6/47.3
C1118	4030025230	S.CER TMK107BJ105KAHT	B	141.9/43.2
C1119	4030025230	S.CER TMK107BJ105KAHT	B	143.6/47.3
C1120	4030025230	S.CER TMK107BJ105KAHT	B	144.5/43.2
C1121	4030026640	S.CER GRM21BC72A105KE01L	B	146.8/44.3
C1201	4030026440	S.CER CL32A476KOJNNPE	T	169.0/79.3
C1202	4030025370	S.CER GRM033R61C104KE14D	T	164.1/75.2
C1203	4030025370	S.CER GRM033R61C104KE14D	T	165.0/78.0
C1204	4030021580	S.CER GRM188B31E225KA12D	T	167.4/71.5
C1205	4030025370	S.CER GRM033R61C104KE14D	T	170.4/75.8
C1206	4030026440	S.CER CL32A476KOJNNPE	T	175.4/69.7
C1207	4030026440	S.CER CL32A476KOJNNPE	T	178.4/69.7
C1208	4030022090	S.CER GRM0332C1H330JA01D	T	164.5/74.2
C1251	4030019560	S.CER GRM21BB31C106KE15L	T	179.7/75.0
C1252	4030019560	S.CER GRM21BB31C106KE15L	T	183.2/75.0
C1253	4030026440	S.CER CL32A476KOJNNPE	T	161.3/38.3
C1301	4030026440	S.CER CL32A476KOJNNPE	T	151.2/66.3
C1302	4030025370	S.CER GRM033R61C104KE14D	T	154.1/62.9
C1305	4030026440	S.CER CL32A476KOJNNPE	T	151.2/58.2
C1306	4030025370	S.CER GRM033R61C104KE14D	T	154.1/61.7
C1371	4510011830	ELE DCS 5R5 334HF		
C1372	4030025420	S.CER GRM033R61A105ME15D	T	209.4/65.2
C1373	4030022510	S.CER GRM155B31A225KE95D	T	209.5/69.5
C1401	4030022050	S.CER GRM21BR61C226ME44L	T	181.9/57.7
C1402	4030022160	S.CER GRM033B31A104KE84D	T	180.1/57.2
C1403	4030022140	S.CER GRM033B31H102KA12D	T	177.5/53.2
C1404	4030022050	S.CER GRM21BR61C226ME44L	T	180.1/48.1
C1405	4030022050	S.CER GRM21BR61C226ME44L	T	180.1/46.4
C1406	4030024410	S.CER GRM0332C1H5R0BA01D	T	177.7/50.7
C1502	4030022160	S.CER GRM033B31A104KE84D	T	260.3/27.1
C1601	4030019560	S.CER GRM21BB31C106KE15L	T	171.7/51.7
C1602	4030025230	S.CER TMK107BJ105KAHT	T	172.0/54.5
C1603	4030025740	S.CER GRM033B31C683KE84D	T	167.1/55.4
C1604	4030025230	S.CER TMK107BJ105KAHT	T	171.4/56.5
C1605	4030019560	S.CER GRM21BB31C106KE15L	T	168.4/47.7
C1606	4030019560	S.CER GRM21BB31C106KE15L	T	164.9/47.7
C1607	4030019560	S.CER GRM21BB31C106KE15L	T	168.4/46.0
C1608	4030019560	S.CER GRM21BB31C106KE15L	T	164.9/46.0
C1609	4030025370	S.CER GRM033R61C104KE14D	T	171.0/47.4
C1701	4030026440	S.CER CL32A476KOJNNPE	T	148.5/75.8
C1702	4030022160	S.CER GRM033B31A104KE84D	T	144.4/79.8
C1703	4030025370	S.CER GRM033R61C104KE14D	T	147.5/79.3
C1704	4030021580	S.CER GRM188B31E225KA12D	T	140.7/76.5
C1705	4030022160	S.CER GRM033B31A104KE84D	T	145.0/73.6
C1706	4030026440	S.CER CL32A476KOJNNPE	T	142.6/66.0
C1707	4030026440	S.CER CL32A476KOJNNPE	T	142.6/63.0
C1708	4030022090	S.CER GRM0332C1H330JA01D	T	143.4/79.5
C1709	4030026440	S.CER CL32A476KOJNNPE	T	144.0/35.2
C1710	4030026440	S.CER CL32A476KOJNNPE	T	142.8/39.5
C1809	4030025230	S.CER TMK107BJ105KAHT	T	139.1/47.2
C1812	4030025420	S.CER GRM033R61A105ME15D	T	139.1/43.8

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C1813	4030026440	S.CER CL32A476KOJNNPE	T	71.7/69.2
C2001	4030022160	S.CER GRM033B31A104KE84D	T	247.2/74.7
C2002	4030022160	S.CER GRM033B31A104KE84D	T	252.2/77.3
C2011	4030022160	S.CER GRM033B31A104KE84D	B	242.9/38.4
C2012	4030022160	S.CER GRM033B31A104KE84D	B	257.8/38.3
C2101	4030022150	S.CER GRM033B31E103KA12D	T	243.3/64.9
C2102	4030022160	S.CER GRM033B31A104KE84D	B	238.9/59.8
C2103	4030025290	S.CER GRM0332C1H150JA01D	T	242.7/67.6
C2104	4030025290	S.CER GRM0332C1H150JA01D	T	240.8/69.4
C2105	4030022160	S.CER GRM033B31A104KE84D	B	237.5/61.4
C2106	4030022160	S.CER GRM033B31A104KE84D	B	239.4/58.7
C2108	4030022160	S.CER GRM033B31A104KE84D	B	243.4/45.7
C2109	4030022160	S.CER GRM033B31A104KE84D	B	245.0/46.5
C2110	4030022160	S.CER GRM033B31A104KE84D	B	244.9/48.5
C2111	4030022160	S.CER GRM033B31A104KE84D	B	243.4/61.1
C2112	4030022160	S.CER GRM033B31A104KE84D	B	250.6/57.5
C2113	4030022160	S.CER GRM033B31A104KE84D	B	249.9/57.5
C2114	4030022160	S.CER GRM033B31A104KE84D	B	241.0/52.7
C2115	4030022160	S.CER GRM033B31A104KE84D	B	241.0/53.4
C2116	4030022160	S.CER GRM033B31A104KE84D	B	249.9/54.9
C2117	4030022160	S.CER GRM033B31A104KE84D	B	249.9/54.2
C2118	4030022160	S.CER GRM033B31A104KE84D	B	251.4/58.7
C2119	4030022160	S.CER GRM033B31A104KE84D	B	245.0/57.5
C2120	4030022160	S.CER GRM033B31A104KE84D	B	244.3/57.5
C2121	4030022160	S.CER GRM033B31A104KE84D	B	240.2/58.7
C2122	4030022160	S.CER GRM033B31A104KE84D	B	252.2/59.4
C2123	4030022160	S.CER GRM033B31A104KE84D	B	238.9/60.6
C2124	4030022160	S.CER GRM033B31A104KE84D	B	253.0/60.3
C2125	4030022160	S.CER GRM033B31A104KE84D	B	237.5/60.6
C2126	4030022160	S.CER GRM033B31A104KE84D	B	253.8/61.1
C2127	4030022160	S.CER GRM033B31A104KE84D	B	241.8/48.5
C2128	4030022160	S.CER GRM033B31A104KE84D	B	238.6/45.7
C2129	4030022160	S.CER GRM033B31A104KE84D	B	239.4/46.5
C2130	4030022160	S.CER GRM033B31A104KE84D	B	248.2/48.5
C2131	4030022160	S.CER GRM033B31A104KE84D	B	249.0/48.5
C2132	4030022160	S.CER GRM033B31A104KE84D	B	241.0/48.5
C2133	4030022160	S.CER GRM033B31A104KE84D	B	240.2/47.3
C2134	4030019560	S.CER GRM21BB31C106KE15L	B	255.2/60.4
C2135	4030019560	S.CER GRM21BB31C106KE15L	B	256.9/60.4
C2136	4030022160	S.CER GRM033B31A104KE84D	B	246.7/56.5
C2137	4030022160	S.CER GRM033B31A104KE84D	B	247.4/56.5
C2138	4030022160	S.CER GRM033B31A104KE84D	B	239.7/57.4
C2139	4030022160	S.CER GRM033B31A104KE84D	B	248.9/56.6
C2140	4030022160	S.CER GRM033B31A104KE84D	B	242.0/55.9
C2141	4030022160	S.CER GRM033B31A104KE84D	B	242.0/51.1
C2142	4030022160	S.CER GRM033B31A104KE84D	B	242.0/51.8
C2143	4030022160	S.CER GRM033B31A104KE84D	B	248.9/53.4
C2144	4030022160	S.CER GRM033B31A104KE84D	B	250.1/49.5
C2145	4030022160	S.CER GRM033B31A104KE84D	B	253.0/45.9
C2146	4030022160	S.CER GRM033B31A104KE84D	B	252.2/46.7
C2147	4030022160	S.CER GRM033B31A104KE84D	B	244.3/49.5
C2148	4030022160	S.CER GRM033B31A104KE84D	B	251.1/47.8
C2149	4030022160	S.CER GRM033B31A104KE84D	B	247.4/49.5
C2150	4030022160	S.CER GRM033B31A104KE84D	B	248.9/55.8
C2151	4030022160	S.CER GRM033B31A104KE84D	B	242.0/56.6
C2152	4030019560	S.CER GRM21BB31C106KE15L	B	254.3/44.4
C2153	4030019560	S.CER GRM21BB31C106KE15L	B	256.1/44.4
C2401	4030022160	S.CER GRM033B31A104KE84D	T	260.4/71.9
C2402	4030025910	S.CER GRM033B31C393KE84D	T	258.6/70.8
C2501	4030022160	S.CER GRM033B31A104KE84D	T	255.3/29.8
C2601	4030022160	S.CER GRM033B31A104KE84D	T	244.4/34.9
C2701	4030022160	S.CER GRM033B31A104KE84D	T	250.1/68.2
C2702	4030022150	S.CER GRM033B31E103KA12D	T	245.8/66.9
C2751	4030022160	S.CER GRM033B31A104KE84D	T	263.5/66.9
C2752	4030022150	S.CER GRM033B31E103KA12D	T	265.7/63.6
C2803	4030025420	S.CER GRM033R61A105ME15D	T	241.4/31.3
C3001	4030025370	S.CER GRM033R61C104KE14D	B	219.6/14.6
C3021	4030019560	S.CER GRM21BB31C106KE15L	T	223.2/18.6
C3022	4030022150	S.CER GRM033B31E103KA12D	T	221.9/17.9
C3041	4030019560	S.CER GRM21BB31C106KE15L	T	222.8/13.5
C3042	4030022150	S.CER GRM033B31E103KA12D	T	221.5/12.8
C3051	4030025370	S.CER GRM033R61C104KE14D	B	230.6/14.6
C3062	4030025370	S.CER GRM033R61C104KE14D	T	231.9/18.6
C3071	4030025420	S.CER GRM033R61A105ME15D	B	238.0/70.4
C3081	4030022150	S.CER GRM033B31E103KA12D	T	230.9/12.5
C3101	4030022160	S.CER GRM033B31A104KE84D	T	228.7/29.7
C3102	4030022160	S.CER GRM033B31A104KE84D	T	231.1/29.7
C3103	4030022120	S.CER GRM0332C1H470JA01D	T	235.0/34.2
C3201	4030022160	S.CER GRM033B31A104KE84D	T	245.7/21.3
C3203	4030022150	S.CER GRM033B31E103KA12D	T	238.0/20.5
C3204	4030022150	S.CER GRM033B31E103KA12D	T	238.0/18.9
C3205	4030022150	S.CER GRM033B31E103KA12D	T	238.0/16.4
C3207	4030022150	S.CER GRM033B31E103KA12D	T	238.0/14.8
C3208	4030022150	S.CER GRM033B31E103KA12D	T	249.4/19.2
C3209	4030022150	S.CER GRM033B31E103KA12D	T	249.4/17.6
C3210	4030022150	S.CER GRM033B31E103KA12D	T	249.4/15.1
C3211	4030022150	S.CER GRM033B31E103KA12D	T	249.4/13.5
C3305	4030022150	S.CER GRM033B31E103KA12D	T	94.4/46.6
C3307	4030025370	S.CER GRM033R61C104KE14D	T	124.7/48.5
C3308	4030025370	S.CER GRM033R61C104KE14D	T	117.4/49.8
C3309	4030025370	S.CER GRM033R61C104KE14D	B	124.2/41.7
C3401	4030022160	S.CER GRM033B31A104KE84D	T	219.7/62.4
C3402	4030022160	S.CER GRM033B31A104KE84D	T	211.1/57.3
C3403	4030022160	S.CER GRM033B31A104KE84D	T	211.8/56.8
C3404	4030019560	S.CER GRM21BB31C106KE15L	T	208.7/54.6
C3405	4030022160	S.CER GRM033B31A104KE84D	T	211.8/55.6
C3406	4030019560	S.CER GRM21BB31C106KE15L	T	210.5/54.6
C3407	4030022160	S.CER GRM033B31A104KE84D	T	216.4/52.1
C3408	4030022160	S.CER GRM033B31A104KE84D	T	218.5/54.0
C3414	4030022160	S.CER GRM033B31A104KE84D	T	85.8/35.5
C3415	4030026550	S.CER C4520 X7R 3D 102K-T	B	83.9/48.4

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
C3416	4030022160	S.CER	GRM033B31A104KE84D	T	79.4/35.5
C3417	4030022160	S.CER	GRM033B31A104KE84D	T	209.9/56.8
C3418	4030022160	S.CER	GRM033B31A104KE84D	T	209.9/62.5
C3419	4030024420	S.CER	GRM0332C1H180JA01D	T	219.8/48.4
C3420	4030025040	S.CER	GRM0332C1H220JA01D	T	221.8/50.5
C3421	4030025370	S.CER	GRM033R61C104KE14D	B	213.6/63.2
C5002	4030025370	S.CER	GRM033R61C104KE14D	T	211.8/42.5
C5003	4030026090	S.CER	GRM0332C1E821JA01D	T	206.1/43.3
C5031	4030025040	S.CER	GRM0332C1H220JA01D	T	215.8/43.3
C5032	4030025370	S.CER	GRM033R61C104KE14D	T	214.5/47.0
C5033	4030022150	S.CER	GRM033B31E103KA12D	T	231.4/72.6
C5034	4030022510	S.CER	GRM155B31A225KE95D	T	216.7/45.7
C5035	4030025420	S.CER	GRM033R61A105ME15D	T	216.6/46.5
C5061	4030025890	S.CER	GRM033B31C473KE84D	T	207.5/34.0
C5064	4030025370	S.CER	GRM033R61C104KE14D	T	207.0/39.2
C5081	4030022150	S.CER	GRM033B31E103KA12D	T	209.0/35.6
C5084	4030025370	S.CER	GRM033R61C104KE14D	T	209.9/39.2
C5161	4030022080	S.CER	GRM0332C1H101JA01D	T	221.5/40.6
C5162	4030024900	S.CER	GRM033R61A224KE90D	T	221.0/35.3
C5181	4030022160	S.CER	GRM033B31A104KE84D	T	203.8/25.0
C5191	4030025370	S.CER	GRM033R61C104KE14D	B	209.2/44.5
C5192	4030025230	S.CER	TMK107BJ105KAHT	B	210.2/45.2
C5193	4030025370	S.CER	GRM033R61C104KE14D	B	208.1/34.9
C5194	4030025230	S.CER	TMK107BJ105KAHT	B	210.0/34.9
C5195	4030025370	S.CER	GRM033R61C104KE14D	B	218.2/44.5
C5196	4030025370	S.CER	GRM033R61C104KE14D	B	217.1/34.9
C5197	4030025230	S.CER	TMK107BJ105KAHT	B	219.2/45.2
C5198	4030025230	S.CER	TMK107BJ105KAHT	B	219.0/34.9
C5203	4030022160	S.CER	GRM033B31A104KE84D	T	230.8/42.3
C5211	4030022160	S.CER	GRM033B31A104KE84D	T	230.8/38.5
C5291	4030025370	S.CER	GRM033R61C104KE14D	B	224.2/40.6
C5292	4030025230	S.CER	TMK107BJ105KAHT	B	223.2/40.4
C5301	4030022160	S.CER	GRM033B31A104KE84D [#12]	T	261.8/79.3
	4030022160	S.CER	GRM033B31A104KE84D [#13]		
C5302	4030022160	S.CER	GRM033B31A104KE84D Only [#14]	T	262.5/79.9
C5401	4030026070	S.CER	GRM0332C1E471JA01D	T	41.6/74.6
C5402	4030022160	S.CER	GRM033B31A104KE84D	T	46.4/72.7
C5403	4030022160	S.CER	GRM033B31A104KE84D	T	45.4/61.3
J1	6510033240	S.CON	4109 REAR CONNECTOR	B	68.9/50.4
J2	6510030810	S.CON	B15B-PH-SM4-TB(LF)(SN)	T	70.4/81.5
J11	6510018941	S.CON	B13B-PH-SM4-TB(LF)(SN)	T	85.4/55.0
J102	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J201	6510033330	S.CON	24FLT-SM2-TB(LF)(SN)(M)	T	107.0/15.0
J301	6510035220	S.CON	S15B-PH-SM4-TB(LF)(SN)	T	3.9/53.1
J401	6510022472	S.CON	40FLT-SM2-TB(LF)(SN)(M)	T	38.4/15.0
J501	6510030800	S.CON	BM20B-SHLDS-G-TFT(LF)(SN)	T	26.4/71.0
J601	6510023261	S.CON	B6B-PH-SM4-TB(LF)(SN)	T	60.4/55.0
J651	6510018971	S.CON	B4B-PH-SM4-TB(LF)(SN)	T	44.4/55.0
J652	6510018961	S.CON	B2B-PH-SM4-TB(LF)(SN)	T	32.4/55.0
J661	6510022191	S.CON	B3B-PH-SM4-TB(LF)(SN)	T	21.4/55.0
J701	6510024522	S.CON	12FLT-SM2-TB(LF)(SN)(M)	T	260.1/15.1
J2301	6510025142	S.CON	10FLT-SM2-TB(LF)(SN)(M)	T	226.4/70.0
J2801	6510021861	CON	BH-800.4GG		
S1	2230001591	S.SWI	LS38J2F-T	T	274.6/64.6
S601	2220000820	S.SWI	JSS1210-0911FC	T	27.1/83.1
S2401	2230001591	S.SWI	LS38J2F-T	T	259.4/74.6
T3401	5920000990	S.TRA	H1102FNLT	T	82.6/41.7
BT2801	3020000110	LIT	CR-2032L/BK		
EP2	6910015970	S.BEA	MMZ1608B 301CT-AS	T	66.4/74.5
EP3	6910023820	S.BEA	MPZ2012S101A-T	T	62.4/73.7
EP202	6910023350	S.BEA	MMZ1005B601CT	T	112.3/18.2
EP204	6910023350	S.BEA	MMZ1005B601CT	T	111.3/18.2
EP206	6910023350	S.BEA	MMZ1005B601CT	T	110.3/18.2
EP208	6910023350	S.BEA	MMZ1005B601CT	T	109.3/18.2
EP216	6910018930	S.BEA	MPZ2012S601A	T	105.3/19.0
EP218	6910018930	S.BEA	MPZ2012S601A	T	101.3/19.0
EP219	6910018930	S.BEA	MPZ2012S601A	T	103.3/19.0
EP302	6910023350	S.BEA	MMZ1005B601CT	T	11.1/67.1
EP304	6910023350	S.BEA	MMZ1005B601CT	T	11.1/65.1
EP316	6910018930	S.BEA	MPZ2012S601A	T	13.0/38.1
EP318	6910018930	S.BEA	MPZ2012S601A	T	11.3/38.1
EP401	6910019900	S.BEA	MPZ1608S601AT	T	29.2/19.2
EP416	6910018460	S.BEA	MMZ1005Y102C-T	T	36.2/11.4
EP419	6910018460	S.BEA	MMZ1005Y102C-T	T	37.7/18.8
EP421	6910018460	S.BEA	MMZ1005Y102C-T	T	38.7/18.8
EP423	6910018460	S.BEA	MMZ1005Y102C-T	T	39.7/18.8
EP425	6910018460	S.BEA	MMZ1005Y102C-T	T	40.7/18.8
EP433	6910019900	S.BEA	MPZ1608S601AT	T	44.8/19.2
EP435	6910019900	S.BEA	MPZ1608S601AT	T	46.1/19.2
EP438	6910019900	S.BEA	MPZ1608S601AT	T	48.8/11.6
EP504	6910023350	S.BEA	MMZ1005B601CT	T	22.9/76.3
EP509	6910023350	S.BEA	MMZ1005B601CT	T	25.9/65.8
EP511	6910015970	S.BEA	MMZ1608B 301CT-AS	T	27.0/65.3
EP512	6910023350	S.BEA	MMZ1005B601CT	T	26.9/76.3
EP513	6910015970	S.BEA	MMZ1608B 301CT-AS	T	28.2/65.3
EP514	6910023350	S.BEA	MMZ1005B601CT	T	27.9/76.3
EP515	6910015970	S.BEA	MMZ1608B 301CT-AS	T	29.4/65.3
EP516	6910023350	S.BEA	MMZ1005B601CT	T	28.9/76.3
EP517	6910015970	S.BEA	MMZ1608B 301CT-AS	T	30.6/65.3
EP518	6910023350	S.BEA	MMZ1005B601CT	T	29.9/76.3

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
EP520	6910023350	S.BEA	MMZ1005B601CT	T	30.9/76.3
EP537	6910023350	S.BEA	MMZ1005B601CT	T	75.4/47.9
EP539	6910023350	S.BEA	MMZ1005B601CT	T	73.4/47.9
EP541	6910018460	S.BEA	MMZ1005Y102C-T	T	76.4/75.5
EP542	6910018460	S.BEA	MMZ1005Y102C-T	T	78.4/75.5
EP543	6910023820	S.BEA	MPZ2012S101A-T	T	80.9/74.7
EP600	6910023350	S.BEA	MMZ1005B601CT	T	59.4/48.9
EP601	6910023350	S.BEA	MMZ1005B601CT	T	65.4/48.9
EP602	6910023350	S.BEA	MMZ1005B601CT	T	63.4/48.9
EP603	6910023350	S.BEA	MMZ1005B601CT	T	57.4/48.9
EP604	6910023350	S.BEA	MMZ1005B601CT	T	55.4/48.9
EP605	6910023820	S.BEA	MPZ2012S101A-T	T	48.1/44.5
EP606	6910023820	S.BEA	MPZ2012S101A-T	T	39.8/45.7
EP1111	6910023350	S.BEA	MMZ1005B601CT	B	134.6/41.6
EP1201	6910018930	S.BEA	MPZ2012S601A	T	164.3/79.3
EP1202	6910018930	S.BEA	MPZ2012S601A	T	180.9/72.3
EP1401	6910018930	S.BEA	MPZ2012S601A	T	184.2/57.7
EP1402	6910024810	S.BEA	MPZ2012S300AT	T	184.0/47.1
EP1601	6910018930	S.BEA	MPZ2012S601A	T	171.7/49.9
EP1602	6910018930	S.BEA	MPZ2012S601A	T	171.7/46.1
EP1701	6910018930	S.BEA	MPZ2012S601A	T	150.2/79.0
EP1702	6910023820	S.BEA	MPZ2012S101A-T	T	145.1/59.7
EP1703	6910023820	S.BEA	MPZ2012S101A-T	T	142.5/59.7
EP2001	6910023350	S.BEA	MMZ1005B601CT	T	246.0/74.4
EP2011	6910023350	S.BEA	MMZ1005B601CT	B	241.8/38.3
EP2012	6910023350	S.BEA	MMZ1005B601CT	B	255.7/37.3
EP2101	6910018930	S.BEA	MPZ2012S601A	T	231.3/64.6
EP2102	6910024810	S.BEA	MPZ2012S300AT	T	231.4/62.8
EP2103	6910021140	S.BEA	MMZ1005S800CT	T	259.9/53.5
EP2104	6910021140	S.BEA	MMZ1005S800CT	T	259.9/52.6
EP2105	6910021140	S.BEA	MMZ1005S800CT	T	259.9/54.4
EP2106	6910021140	S.BEA	MMZ1005S800CT	T	259.9/55.3
EP2107	6910021140	S.BEA	MMZ1005S800CT	T	259.9/56.2
EP2108	6910021140	S.BEA	MMZ1005S800CT	T	259.9/57.1
EP2109	6910021140	S.BEA	MMZ1005S800CT	T	259.9/58.0
EP2110	6910021140	S.BEA	MMZ1005S800CT	T	259.9/58.9
EP2111	6910023350	S.BEA	MMZ1005B601CT	T	244.7/64.6
EP2501	6910023350	S.BEA	MMZ1005B601CT	T	255.3/28.3
EP2601	6910023350	S.BEA	MMZ1005B601CT	T	244.4/36.3
EP3101	6910023350	S.BEA	MMZ1005B601CT	T	227.1/29.7
EP3201	6910023350	S.BEA	MMZ1005B601CT	T	247.2/21.3
EP3301	6910019900	S.BEA	MPZ1608S601AT	T	93.3/47.3
EP3302	6910019900	S.BEA	MPZ1608S601AT	T	95.5/47.3
EP3303	6910023350	S.BEA	MMZ1005B601CT	B	124.0/43.1
EP3401	6910019900	S.BEA	MPZ1608S601AT	T	207.2/54.8
EP5301	6910023350	S.BEA	MMZ1005B601CT [#12]	T	263.1/78.8
	6910023350	S.BEA	MMZ1005B601CT [#13]		
EP5302	6910023350	S.BEA	MMZ1005B601CT Only [#14]	T	263.5/79.4

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H/V LOCATION= Shows mounting location on the PCB.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

[PA UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R331	7120000770	RES FR10515N0150JBK		
R341	7120000770	RES FR10515N0150JBK		
MF1	2710001220	FAN DC0802512U2B-2T		
MF2	2710001220	FAN DC0802512U2B-2T		
EP1	6910030761	E.O 60EX172L289D-ZK-1		

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H/V LOCATION= Shows mounting location on the PCB.

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[PA-G UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC211	1110008550	S.IC	NJM2904CRB1-TE1	T	88.0/37.0
IC221	1110008550	S.IC	NJM2904CRB1-TE1	T	147.5/49.3
IC301	1110008550	S.IC	NJM2904CRB1-TE1	T	136.2/65.8
IC421	1110008490	S.IC	INA286AIDR	T	141.0/42.3
IC451	1110008550	S.IC	NJM2904CRB1-TE1	T	53.8/25.2
IC601	1130016460	S.IC	R2A20169SA	T	60.0/27.0
Q121	1590004690	S.TRA	LDTC143ZET1G	T	76.5/71.1
Q122	1590004040	S.TRA	LDTA123YET1G	T	69.9/8.6
Q123	1590004060	S.TRA	LDTC114EET1G	T	72.2/8.6
Q124	1510001310	S.TRA	DZT5401-13	T	74.3/118.1
Q125	1590004690	S.TRA	LDTC143ZET1G	T	78.4/120.9
Q126	1530004620	S.TRA	2SCR553P5T100	T	105.9/118.2
Q141	1590004040	S.TRA	LDTA123YET1G	T	58.0/40.0
Q142	1590004060	S.TRA	LDTC114EET1G	T	60.3/40.0
Q143	1590004040	S.TRA	LDTA123YET1G	T	55.7/44.0
Q144	1590004060	S.TRA	LDTC114EET1G	T	58.0/44.0
Q145	1590004060	S.TRA	LDTC114EET1G	T	60.3/44.0
Q151	1530004140	S.TRA	L2SC4081RT1G	T	15.9/71.7
Q152	1590004040	S.TRA	LDTA123YET1G	T	13.5/71.0
Q153	1530004140	S.TRA	L2SC4081RT1G	T	12.9/81.8
Q161	1530004140	S.TRA	L2SC4081RT1G	T	11.1/78.2
Q162	1590004060	S.TRA	LDTC114EET1G	T	8.7/77.4
Q163	1590004060	S.TRA	LDTC114EET1G	T	9.1/80.6
Q171	1590004690	S.TRA	LDTC143ZET1G	T	38.3/99.4
Q181	1590004690	S.TRA	LDTC143ZET1G	T	116.3/93.9
Q451	1520000651	S.TRA	2SB1201S-TL-E	T	43.9/22.1
Q452	1530004140	S.TRA	L2SC4081RT1G	T	50.4/19.9
Q453	1520000651	S.TRA	2SB1201S-TL-E	T	15.6/53.1
Q454	1530004140	S.TRA	L2SC4081RT1G	T	20.2/56.5
Q611	1550000500	S.FET	RZF020P01TL	T	81.2/18.3
Q612	1590004060	S.TRA	LDTC114EET1G	T	80.5/21.8
D101	1750002230	S.DIO	LRB751S-40T1G	T	60.7/53.5
D102	1750002230	S.DIO	LRB751S-40T1G	T	59.9/51.8
D121	1750001810	S.DIO	L1SS400T1G	T	76.5/73.7
D122	1750001810	S.DIO	L1SS400T1G	T	49.4/95.2
D123	1750005070	S.DIO	PDR5G-13	T	79.8/93.4
D124	1750001810	S.DIO	L1SS400T1G	T	78.3/80.9
D125	1750005070	S.DIO	PDR5G-13	T	88.4/93.4
D141	1750001810	S.DIO	L1SS400T1G	T	41.7/92.9
D142	1750001810	S.DIO	L1SS400T1G	T	47.7/37.1
D143	1750001810	S.DIO	L1SS400T1G	T	72.6/68.0
D144	1750001810	S.DIO	L1SS400T1G	T	16.8/62.0
D151	1750001820	S.DIO	LRB706F-40T1G	T	20.5/71.7
D152	1750001820	S.DIO	LRB706F-40T1G	T	17.5/81.8
D161	1750001810	S.DIO	L1SS400T1G	T	11.1/75.3
D171	1750001810	S.DIO	L1SS400T1G	T	35.9/100.2
D173	1750001810	S.DIO	L1SS400T1G	T	35.9/108.6
D181	1750001810	S.DIO	L1SS400T1G	T	113.1/93.9
D201	1750002230	S.DIO	LRB751S-40T1G	T	97.8/45.4
D202	1750002230	S.DIO	LRB751S-40T1G	T	96.6/45.4
D312	1750001810	S.DIO	L1SS400T1G	T	154.0/101.1
D314	1750001810	S.DIO	L1SS400T1G	T	131.7/68.1
D322	1750001810	S.DIO	L1SS400T1G	T	154.0/61.2
D431	1750001820	S.DIO	LRB706F-40T1G	T	149.7/41.3
D451	1750004230	S.ZEN	UDZVTE-174.7B	T	49.3/22.1
D452	1750004230	S.ZEN	UDZVTE-174.7B	T	17.1/58.3
L121	6140004670	COI	LR-527 (CH160808TR271)		
L122	6140004670	COI	LR-527 (CH160808TR271)		
L123	6200017540	S.COI	NLV25T-101J-EF	T	78.4/73.4
L124	6200017540	S.COI	NLV25T-101J-EF	T	47.0/95.6
L125	6200017540	S.COI	NLV25T-101J-EF	T	77.9/79.0
L126	6200010170	S.COI	AS080447-33N	T	60.5/81.5
L127	6200017080	S.COI	AS100240-6R8NJ 6.8N	T	60.8/75.4
L128	6200017080	S.COI	AS100240-6R8NJ 6.8N	T	62.3/96.9
L141	6200017540	S.COI	NLV25T-101J-EF	T	41.9/94.8
L142	6200017540	S.COI	NLV25T-101J-EF	T	50.6/37.1
L143	6200017540	S.COI	NLV25T-101J-EF	T	74.5/67.8
L144	6200017540	S.COI	NLV25T-101J-EF	T	14.9/62.3
L161	6200017540	S.COI	NLV25T-101J-EF	T	9.1/73.4
L171	6200017540	S.COI	NLV25T-101J-EF	T	35.8/102.6
L172	6200017540	S.COI	NLV25T-101J-EF	T	35.8/111.0
L181	6200017540	S.COI	NLV25T-101J-EF	T	110.8/94.9
L301	6150005310	COI	LR-430		
L311	6200017640	S.COI	NLV25T-3R3J-EF	T	147.0/102.6
L321	6200017640	S.COI	NLV25T-3R3J-EF	T	147.0/59.6
R101	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	62.3/51.2
R111	7030015910	S.RES	RMC1/16S-101JTH (100)	T	64.0/54.6
R121	7030016160	S.RES	RMC1/16S-820JTH (82)	T	78.4/70.9
R122	7030016210	S.RES	RMC1/16S-121JTH (120)	T	70.1/10.1
R123	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	77.6/115.4
R124	7030019130	S.RES	RMC1/8-150JTP (15)	T	79.2/117.1
R125	7030019130	S.RES	RMC1/8-150JTP (15)	T	81.3/117.1
R126	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	69.7/118.1
R127	7030016270	S.RES	RMC1/16S-151JTH (150)	T	76.9/120.7
R128	7030019130	S.RES	RMC1/8-150JTP (15)	T	100.0/116.6
R129	7030019130	S.RES	RMC1/8-150JTP (15)	T	97.9/116.6
R131	7030022190	S.RES	RMC1/2-471JTE (470)	T	111.9/116.0
R132	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	109.3/116.7
R133	7030015930	S.RES	RMC1/16S-471JTH (470)	T	108.9/115.5
R134	7030014180	S.RES	ERJP08J 124V (120 k)	T	69.0/97.8
R135	7030014180	S.RES	ERJP08J 124V (120 k)	T	69.0/102.7
R141	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	59.4/41.7
R142	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	57.1/45.7
R143	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	59.6/45.7
R151	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	18.2/71.0
R152	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	17.7/72.2
R153	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	15.2/81.1
R154	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	14.8/82.3
R161	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	8.4/75.5
R171	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	22.6/102.2
R172	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	22.6/108.3
R173	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	17.4/84.0
R181	7120000690	RES	FA10975P03DBF		
R182	7030016160	S.RES	RMC1/16S-820JTH (82)	T	112.8/96.0
R191	7120000700	RES	FA10975P06DBFBK		
R201	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	97.8/43.3
R202	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	96.6/41.9
R210	7030015910	S.RES	RMC1/16S-101JTH (100)	T	86.0/34.4
R211	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	82.9/38.0
R212	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	84.1/38.5
R213	7030016390	S.RES	RMC1/16S-184JTH (180 k)	T	84.1/36.9
R214	7030016040	S.RES	RMC1/16S-224JTH (220 k)	T	85.0/36.9
R215	7030016280	S.RES	RMC1/16S-331JTH (330)	T	85.0/35.3
R216	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	83.2/35.3
R220	7030015910	S.RES	RMC1/16S-101JTH (100)	T	144.9/51.3
R221	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	93.7/37.4
R222	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	92.5/37.8
R223	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	92.5/36.2
R224	7030016090	S.RES	RMC1/16S-223JTH (22 k)	T	91.6/36.2
R225	7030016280	S.RES	RMC1/16S-331JTH (330)	T	91.6/34.6
R226	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	93.4/34.6
R228	7030016280	S.RES	RMC1/16S-331JTH (330)	T	145.1/45.7
R251	7030021160	S.RES	RMC1-101JTE (100)	T	101.6/41.6
R252	7030021160	S.RES	RMC1-101JTE (100)	T	105.3/41.6
R253	7080001600	RES	MOSX3C5R6J		
R254	7080001600	RES	MOSX3C5R6J		
R255	7030021270	S.RES	RMC1-271JTE (270)	T	122.3/68.6
R256	7030021270	S.RES	RMC1-271JTE (270)	T	122.3/72.8
R261	7030021270	S.RES	RMC1-271JTE (270)	T	101.6/33.5
R262	7030021270	S.RES	RMC1-271JTE (270)	T	105.3/33.5
R271	7030023270	S.RES	RMC1-680JTE (68)	T	143.4/94.8
R272	7030023270	S.RES	RMC1-680JTE (68)	T	147.1/94.8
R281	7030023270	S.RES	RMC1-680JTE (68)	T	143.4/67.4
R282	7030023270	S.RES	RMC1-680JTE (68)	T	147.1/67.4
R301	7030021110	S.RES	RMC1-5R6JTE (5.6)	T	162.6/90.8
R302	7030021110	S.RES	RMC1-5R6JTE (5.6)	T	162.6/71.4
R303	7030021110	S.RES	RMC1-5R6JTE (5.6)	T	162.6/87.1
R304	7030021110	S.RES	RMC1-5R6JTE (5.6)	T	162.6/75.2
R305	7030023530	S.RES	RMC1-150JTE (15)	T	153.1/90.8
R306	7030023530	S.RES	RMC1-150JTE (15)	T	153.1/71.4
R307	7030015910	S.RES	RMC1/16S-101JTH (100)	T	136.9/69.8
R309	7030023530	S.RES	RMC1-150JTE (15)	T	153.1/87.1
R310	7030023530	S.RES	RMC1-150JTE (15)	T	153.1/75.1
R311	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	132.8/65.0
R312	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	131.4/66.2
R313	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	132.7/66.6
R314	7030015910	S.RES	RMC1/16S-101JTH (100)	T	131.4/67.1
R315	7510001451	S.THE	NTCG16 4BH 472JT	T	166.0/94.0
R316	7030019390	S.RES	RMC1/8-470JTP (47)	T	152.3/101.1
R317	7030021140	S.RES	RMC1-220JTE (22)	T	156.6/96.8
R318	7030019240	S.RES	RMC1/8-222JTP (2.2 k)	T	164.3/95.8
R319	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	131.0/65.0
R320	7030016440	S.RES	RMC1/16S-272JTH (2.7 k)	T	167.6/94.9
R321	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	139.3/64.3
R323	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	139.3/65.9
R325	7510001451	S.THE	NTCG16 4BH 472JT	T	166.0/68.2
R326	7030019390	S.RES	RMC1/8-470JTP (47)	T	152.3/61.2
R327	7030021140	S.RES	RMC1-220JTE (22)	T	156.6/65.4
R328	7030019240	S.RES	RMC1/8-222JTP (2.2 k)	T	164.3/66.5
R330	7030016440	S.RES	RMC1/16S-272JTH (2.7 k)	T	167.6/67.3
R331	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	133.8/70.1
R332	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	150.1/102.6
R333	7510001451	S.THE	NTCG16 4BH 472JT	T	166.8/96.0
R334	7510001451	S.THE	NTCG16 4BH 472JT	T	166.8/66.3
R335	7030022510	S.RES	RMC1-181JTE (180)	T	147.1/85.2
R336	7030022510	S.RES	RMC1-181JTE (180)	T	147.1/77.1
R337	7030022510	S.RES	RMC1-181JTE (180)	T	154.0/81.1
R342	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	150.1/59.6
R421	7030019570	S.RES	PMR100HZPFV1L00	T	141.0/37.6
R422	7030015910	S.RES	RMC1/16S-101JTH (100)	T	134.8/42.9
R423	7030015910	S.RES	RMC1/16S-101JTH (100)	T	136.9/44.6
R425	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	146.0/42.4
R427	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	136.1/41.5
R431	7030016220	S.RES	RMC1/16S-563JTH (56 k)	T	147.9/40.9
R432	7030016120	S.RES	RMC1/16S-682JTH (6.8 k)	T	148.3/43.0
R433	7030016500	S.RES	RMC1/16S-562JTH (5.6 k)	T	147.0/44.4
R434	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	148.3/44.8
R441	7510001551	S.THE	NTCG16 4LH 333JT	T	160.6/54.0
R442	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	162.0/54.9
R451	7030015910	S.RES	RMC1/16S-101JTH (100)	T	51.6/27.1
R452	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	55.3/28.2
R453	7030016090	S.RES	RMC1/16S-223JTH (22 k)	T	54.2/29.4
R454	7030016340	S.RES	RMC1/16S-393JTH (39 k)	T	53.7/28.2
R456	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	52.8/29.1
R457	7030015930	S.RES	RMC1/16S-471JTH (470)	T	51.8/22.1
R458	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	52.8/30.0
R459	7030015930	S.RES	RMC1/16S-471JTH (470)	T	22.5/57.1
R461	7030021230	S.RES	RMC1-1R0JTE (1)	T	41.2/29.5
R462	7030021230	S.RES	RMC1-1R0JTE (1)	T	14.8/36.9
R472	7030021230	S.RES	RMC1-1R0JTE (1)	T	46.1/29.5
R473	7030021230	S.RES	RMC1-1R0JTE (1)	T	18.8/42.7
R502	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	76.5/28.3
R503	7030015910	S.RES	RMC1/16S-101JTH (100)	T	75.5/31.4
R505	7030015910	S.RES	RMC1/16S-101JTH (100)	T	74.5/31.4

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(Amended page)

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[PA-G UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
R506	7030015910	S.RES	RMC1/16S-101JTH (100)	T	74.5/14.7
R507	7030015910	S.RES	RMC1/16S-101JTH (100)	T	73.5/31.4
R508	7030015910	S.RES	RMC1/16S-101JTH (100)	T	73.5/14.7
R510	7030015910	S.RES	RMC1/16S-101JTH (100)	T	72.5/14.7
R601	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	60.6/32.4
R602	7030015910	S.RES	RMC1/16S-101JTH (100)	T	58.4/32.4
R603	7030015910	S.RES	RMC1/16S-101JTH (100)	T	57.5/32.4
R604	7030015910	S.RES	RMC1/16S-101JTH (100)	T	57.3/21.8
R605	7030015910	S.RES	RMC1/16S-101JTH (100)	T	58.2/21.8
R606	7030015910	S.RES	RMC1/16S-101JTH (100)	T	59.1/21.8
R607	7030015910	S.RES	RMC1/16S-101JTH (100)	T	60.0/21.8
R608	7030015910	S.RES	RMC1/16S-101JTH (100)	T	60.9/21.8
R611	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	80.7/20.3
R612	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	81.9/20.7
C101	4030024580	S.CER	GRM31A5C2J1R0CW01D	T	59.3/55.7
C102	4030021020	S.CER	GRM31A5C2J101JW01D	T	57.8/52.3
C104	4030023090	S.CER	0402B102K500CT	T	61.8/52.4
C105	4030023030	S.CER	0402B103K250CT	T	61.8/50.0
C111	4030024590	S.CER	GRM31A5C2J3R0CW01D	T	62.4/58.7
C112	4030021000	S.CER	GRM31A5C2J100JW01D	T	65.5/56.4
C120	4030024600	S.CER	GRM31A5C2J4R0CW01D	T	43.1/111.7
C121	4030023030	S.CER	0402B103K250CT	T	75.3/74.0
C122	4030023010	S.CER	0402B104K160CT	T	75.3/72.4
C123	4030023010	S.CER	0402B104K160CT	T	76.4/69.6
C124	4030023030	S.CER	0402B103K250CT	T	50.4/95.7
C125	4030023010	S.CER	0402B104K160CT	T	73.8/8.6
C126	4030027600	S.CER	GRM43DR72J104KW01L	T	72.1/93.4
C127	4030026620	S.CER	GRM188R72A104KA35D	T	84.8/115.6
C128	4030021730	S.CER	GRM2162C2A102JA01D	T	83.2/115.9
C129	4030027600	S.CER	GRM43DR72J104KW01L	T	96.2/93.4
C131	4030023090	S.CER	0402B102K500CT	T	96.4/116.1
C132	4030023010	S.CER	0402B104K160CT	T	95.5/116.1
C133	4030027370	S.CER	GRM31CC72A475KE11L	T	83.4/120.0
C134	4030019560	S.CER	GRM21BB31C106KE15L	T	102.0/119.2
C135	4030023010	S.CER	0402B104K160CT	T	80.0/121.1
C136	4030023030	S.CER	0402B103K250CT	T	78.8/82.1
C137	4030022820	S.CER	0402N331J500CT	T	76.8/82.1
C141	4030023010	S.CER	0402B104K160CT	T	41.3/91.9
C142	4030023010	S.CER	0402B104K160CT	T	48.0/38.2
C143	4030023010	S.CER	0402B104K160CT	T	71.5/68.4
C144	4030023010	S.CER	0402B104K160CT	T	17.8/61.7
C147	4030024630	S.CER	GRM31A5C2J1R5CW01D	T	58.2/71.3
C148	4030024610	S.CER	GRM31A5C2J5R0CW01D	T	60.7/105.3
C151	4030023280	S.CER	0603N1R0C500CT	T	23.2/70.9
C152	4030023670	S.CER	0603N330J500CT	T	23.2/72.2
C153	4030022820	S.CER	0402N331J500CT	T	18.6/72.2
C154	4030023280	S.CER	0603N1R0C500CT	T	20.0/79.9
C155	4030023670	S.CER	0603N330J500CT	T	17.4/79.9
C156	4030022820	S.CER	0402N331J500CT	T	15.7/82.3
C161	4030023010	S.CER	0402B104K160CT	T	12.2/74.9
C162	4030023010	S.CER	0402B104K160CT	T	12.2/76.5
C163	4030023010	S.CER	0402B104K160CT	T	9.0/79.0
C164	4030023010	S.CER	0402B104K160CT	T	7.6/80.8
C171	4030023010	S.CER	0402B104K160CT	T	34.7/100.6
C172	4030023010	S.CER	0402B104K160CT	T	34.7/99.0
C173	4030023010	S.CER	0402B104K160CT	T	34.7/109.0
C174	4030023010	S.CER	0402B104K160CT	T	34.7/107.4
C175	4030023010	S.CER	0402B104K160CT	T	39.9/99.4
C176	4030024640	S.CER	GRM31A5C2J2R0CW01D	T	21.1/114.4
C181	4030023010	S.CER	0402B104K160CT	T	113.1/92.8
C182	4030023010	S.CER	0402B104K160CT	T	57.6/19.5
C183	4030023010	S.CER	0402B104K160CT	T	114.8/94.3
C201	4030024590	S.CER	GRM31A5C2J3R0CW01D	T	97.2/49.1
C202	4030020770	S.CER	GRM31A5C2J330JW01D	T	94.8/46.0
C204	4030022820	S.CER	0402N331J500CT	T	96.6/43.7
C211	4030023200	S.CER	0402B471K500CT	T	85.0/38.5
C212	4030023090	S.CER	0402B102K500CT	T	84.1/35.3
C213	4030023010	S.CER	0402B104K160CT	T	87.2/34.8
C221	4030023200	S.CER	0402B471K500CT	T	91.6/37.8
C222	4030023090	S.CER	0402B102K500CT	T	92.5/34.6
C223	4030023010	S.CER	0402B104K160CT	T	145.3/50.1
C224	4030023010	S.CER	0402B104K160CT	T	144.7/46.9
C253	4030021220	S.CER	GRM31B5C2J681JW01L	T	106.9/52.1
C254	4030020720	S.CER	390P GRM31A 630V C0G	T	122.9/53.6
C301	4030021220	S.CER	GRM31B5C2J681JW01L	T	151.5/93.7
C302	4030021220	S.CER	GRM31B5C2J681JW01L	T	151.5/68.5
C303	4030023010	S.CER	0402B104K160CT	T	136.9/68.9
C304	4030023090	S.CER	0402B102K500CT	T	136.9/68.0
C305	4030021370	S.CER	GRM31C7U2J472JW32L	T	158.2/84.2
C306	4030021370	S.CER	GRM31C7U2J472JW32L	T	158.2/78.1
C311	4030023010	S.CER	0402B104K160CT	T	144.9/103.1
C312	4030023010	S.CER	0402B104K160CT	T	149.2/104.6
C313	4030019630	S.CER	GRM31C2C1H104JA01L	T	157.5/104.2
C314	4030021230	S.CER	GRM31B5C2J102JW01L	T	155.4/104.2
C315	4030023090	S.CER	0402B102K500CT	T	131.9/65.0
C321	4030023010	S.CER	0402B104K160CT	T	144.9/59.2
C322	4030023010	S.CER	0402B104K160CT	T	149.2/57.6
C323	4030019630	S.CER	GRM31C2C1H104JA01L	T	157.5/58.1
C324	4030021230	S.CER	GRM31B5C2J102JW01L	T	155.4/58.1
C331	4030027600	S.CER	GRM43DR72J104KW01L	T	160.9/95.7
C341	4030027600	S.CER	GRM43DR72J104KW01L	T	160.9/66.5
C413	4030027600	S.CER	GRM43DR72J104KW01L	T	130.9/39.8
C414	4030027600	S.CER	GRM43DR72J104KW01L	T	112.5/4.1
C415	4030027370	S.CER	GRM31CC72A475KE11L	T	134.0/39.5
C416	4030027370	S.CER	GRM31CC72A475KE11L	T	153.3/39.8
C421	4030023010	S.CER	0402B104K160CT	T	136.0/43.4
C422	4030022640	S.CER	0402N101J500CT	T	136.0/45.5
C423	4030023090	S.CER	0402B102K500CT	T	134.2/45.5
C426	4030025470	S.CER	GRM155B31C105KA12D	T	136.9/43.0
C431	4030023010	S.CER	0402B104K160CT	T	148.3/43.9
C432	4030023010	S.CER	0402B104K160CT	T	148.3/45.7
C441	4030023010	S.CER	0402B104K160CT	T	162.0/53.1
C442	4030023010	S.CER	0402B104K160CT	T	162.0/54.0
C451	4030023010	S.CER	0402B104K160CT	T	51.6/25.5
C452	4030023010	S.CER	0402B104K160CT	T	50.6/24.3
C453	4030023010	S.CER	0402B104K160CT	T	52.7/19.2
C454	4030023010	S.CER	0402B104K160CT	T	23.2/55.8
C457	4030023030	S.CER	0402B103K250CT	T	17.2/28.2
C458	4510011410	S.ELE	25 CE 470 LX	T	33.8/32.4
C459	4510011410	S.ELE	25 CE 470 LX	T	22.5/32.4
C460	4030023030	S.CER	0402B103K250CT	T	54.5/16.5
C503	4030027030	S.CER	RF15N220J500CT	T	75.5/28.3
C504	4030023010	S.CER	0402B104K160CT	T	75.5/17.8
C505	4030027030	S.CER	RF15N220J500CT	T	74.5/28.3
C506	4030023010	S.CER	0402B104K160CT	T	74.5/17.8
C507	4030027030	S.CER	RF15N220J500CT	T	73.5/28.3
C508	4030023010	S.CER	0402B104K160CT	T	73.5/17.8
C509	4030026620	S.CER	GRM188R72A104KA35D	T	72.5/28.7
C510	4030023090	S.CER	0402B102K500CT	T	72.5/17.8
C511	4030023010	S.CER	0402B104K160CT	T	71.4/28.7
C512	4030023090	S.CER	0402B102K500CT	T	71.5/17.8
C513	4030023010	S.CER	0402B104K160CT	T	70.3/28.7
C514	4030023010	S.CER	0402B104K160CT	T	70.5/17.8
C515	4030023010	S.CER	0402B104K160CT	T	69.1/28.7
C516	4030023010	S.CER	0402B104K160CT	T	69.5/17.8
C517	4030023010	S.CER	0402B104K160CT	T	67.9/28.7
C518	4030023010	S.CER	0402B104K160CT	T	68.5/17.8
C520	4030023010	S.CER	0402B104K160CT	T	67.5/17.8
C601	4030023010	S.CER	0402B104K160CT	T	64.0/28.6
C602	4030023010	S.CER	0402B104K160CT	T	63.0/21.6
RL121	6330002320	REL	G5Q-1 DC12 (C)		
RL122	6330001770	REL	SIP-1A-12Y		
RL123	6330001770	REL	SIP-1A-12Y		
RL141	6330002340	REL	FTR-C2CA012G		
RL142	6330002340	REL	FTR-C2CA012G		
RL143	6330002320	REL	G5Q-1 DC12 (C)		
RL144	6330002340	REL	FTR-C2CA012G		
RL161	6330001860	REL	UA2-12NU		
RL171	6330001860	REL	UA2-12NU		
RL172	6330001860	REL	UA2-12NU		
RL181	6330002320	REL	G5Q-1 DC12 (C)		
J121	6510033120	CON	RCA-008A		
J141	6510030720	CON	J810020FL		
J142	6510030720	CON	J810020FL		
J171	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J172	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J173	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J411	6510018961	S.CON	B2B-PH-SM4-TB(LF)(SN)	T	139.0/22.0
J451	6450003050	CON	22041021(5045-02A)		
J452	6450003050	CON	22041021(5045-02A)		
J501	6510030800	S.CON	BM20B-SHLDS-G-TFT(LF)(SN)	T	72.0/23.0
J502	6510028210	CON	SJ050010 (TMP-J01X-V6)		
EP121	6910019900	S.BEA	MPZ1608S601AT	T	68.7/118.4
EP123	6910019900	S.BEA	MPZ1608S601AT	T	114.3/112.7
EP421	6910028710	E.O	OT-048-M4		
EP422	6910028710	E.O	OT-048-M4		
EP423	6910030600	S.E.O	TH-0.8-4.5-M4	T	165.5/28.8
EP424	6910030600	S.E.O	TH-0.8-4.5-M4	T	165.5/10.5
EP451	6910019900	S.BEA	MPZ1608S601AT	T	18.2/26.6
EP452	6910019900	S.BEA	MPZ1608S601AT	T	15.2/31.0
EP453	6910019900	S.BEA	MPZ1608S601AT	T	56.3/15.8
EP454	6910019900	S.BEA	MPZ1608S601AT	T	56.3/17.0
EP504	6910023350	S.BEA	MMZ1005B601CT	T	75.5/14.7
EP509	6910023350	S.BEA	MMZ1005B601CT	T	72.5/31.4
EP511	6910019900	S.BEA	MPZ1608S601AT	T	71.5/32.7
EP512	6910023350	S.BEA	MMZ1005B601CT	T	71.5/14.7
EP513	6910019900	S.BEA	MPZ1608S601AT	T	70.3/32.7
EP514	6910023350	S.BEA	MMZ1005B601CT	T	70.5/14.7
EP515	6910019900	S.BEA	MPZ1608S601AT	T	69.1/32.7
EP516	6910023350	S.BEA	MMZ1005B601CT	T	69.5/14.7
EP517	6910019900	S.BEA	MPZ1608S601AT	T	67.9/32.7
EP518	6910023350	S.BEA	MMZ1005B601CT	T	68.5/14.7
EP520	6910023350	S.BEA	MMZ1005B601CT	T	67.5/14.7
EP601	6910023350	S.BEA	MMZ1005B601CT	T	64.0/30.2

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

[FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC441	1110008550	S.IC	NJM2904CRB1-TE1	T	7.0/107.4
IC621	1130009670	S.IC	BU2092FV-E2	T	30.0/171.5
Q441	1590004060	S.TRA	LDTC114EET1G	T	6.2/100.5
Q501	1510001240	S.TRA	KTN2907AS-RTK/PS	T	58.2/3.4
Q502	1590005220	S.TRA	LDTA114YET1G	T	25.2/2.9
Q503	1530004140	S.TRA	L2SC4081RT1G	T	62.9/2.7
Q504	1590004060	S.TRA	LDTC114EET1G	T	21.9/2.7
Q505	1530004620	S.TRA	2SCR553P5T100	T	32.3/3.8
Q611	1590005220	S.TRA	LDTA114YET1G	T	5.1/27.1
Q612	1590004060	S.TRA	LDTC114EET1G	T	3.7/24.7
Q651	1590006370	S.TRA	DTA143XE3TL	T	45.4/176.7
Q652	1590006370	S.TRA	DTA143XE3TL	T	45.4/174.4
Q653	1590006370	S.TRA	DTA143XE3TL	T	45.4/172.1
Q654	1590006370	S.TRA	DTA143XE3TL	T	45.4/169.8
Q655	1590006370	S.TRA	DTA143XE3TL	T	47.7/175.6
Q656	1590006370	S.TRA	DTA143XE3TL	T	47.7/173.3
Q657	1590006370	S.TRA	DTA143XE3TL	T	47.7/171.0
Q658	1590006370	S.TRA	DTA143XE3TL	T	47.7/168.7
D201	1750001810	S.DIO	L1SS400T1G	T	294.1/158.2
D202	1750001810	S.DIO	L1SS400T1G	T	260.0/20.7
D221	1750001810	S.DIO	L1SS400T1G	T	234.1/157.3
D222	1750001810	S.DIO	L1SS400T1G	T	200.0/20.7
D241	1750001810	S.DIO	L1SS400T1G	T	174.1/156.4
D242	1750001810	S.DIO	L1SS400T1G	T	140.0/20.7
D261	1750001810	S.DIO	L1SS400T1G	T	114.1/155.5
D262	1750001810	S.DIO	L1SS400T1G	T	77.7/34.0
D281	1750001810	S.DIO	L1SS400T1G	T	264.1/157.7
D282	1750001810	S.DIO	L1SS400T1G	T	230.0/20.7
D301	1750001810	S.DIO	L1SS400T1G	T	204.1/156.8
D302	1750001810	S.DIO	L1SS400T1G	T	170.0/20.7
D321	1750001810	S.DIO	L1SS400T1G	T	144.1/155.9
D322	1750001810	S.DIO	L1SS400T1G	T	110.0/20.7
D341	1750001810	S.DIO	L1SS400T1G	T	68.9/177.2
D342	1750001810	S.DIO	L1SS400T1G	T	80.0/51.9
D401	1750001900	S.DIO	MMBD701LT1G	T	8.1/96.3
D402	1750001900	S.DIO	MMBD701LT1G	T	8.1/118.7
D502	1710001600	DIO	DK015LTP		
D503	1750001810	S.DIO	L1SS400T1G	T	22.1/26.6
D521	1750001810	S.DIO	L1SS400T1G	T	3.0/39.2
D621	1750003160	S.ZEN	BZX384-C3V6,115	T	35.6/168.9
L1	6140006040	COI	LR-647		
L2	6140006050	COI	LR-648		
L21	6140006060	COI	LR-658		
L22	6140006070	COI	LR-659		
L41	6140006010	COI	LR-642		
L42	6140006000	COI	LR-641		
L61	6140006030	COI	LR-644		
L62	6140006020	COI	LR-643		
L81	6110004620	COI	LA-690		
L82	6110004650	COI	LA-693		
L101	6110004630	COI	LA-691		
L102	6110004660	COI	LA-694		
L121	6110004640	COI	LA-692		
L122	6110004670	COI	LA-695		
L141	6110004610	COI	LA-686		
L142	6110004600	COI	LA-685		
L143	6110004600	COI	LA-685		
L201	6200017680	S.COI	NLV32T-100J-EF	T	292.8/160.9
L202	6200017680	S.COI	NLV32T-100J-EF	T	261.3/18.0
L221	6200017680	S.COI	NLV32T-100J-EF	T	233.4/160.0
L222	6200003161	S.COI	NLV32T-270J-PF	T	201.3/18.0
L241	6200017680	S.COI	NLV32T-100J-EF	T	173.4/159.1
L242	6200017680	S.COI	NLV32T-100J-EF	T	141.3/18.0
L261	6200017680	S.COI	NLV32T-100J-EF	T	113.4/158.2
L262	6200017680	S.COI	NLV32T-100J-EF	T	79.0/36.5
L281	6200017680	S.COI	NLV32T-100J-EF	T	263.4/160.5
L282	6200017680	S.COI	NLV32T-100J-EF	T	231.3/18.0
L301	6200017680	S.COI	NLV32T-100J-EF	T	203.4/159.6
L302	6200017680	S.COI	NLV32T-100J-EF	T	171.3/18.0
L321	6200017680	S.COI	NLV32T-100J-EF	T	143.4/158.7
L322	6200017680	S.COI	NLV32T-100J-EF	T	111.3/18.0
L341	6200017680	S.COI	NLV32T-100J-EF	T	87.0/158.0
L342	6200017680	S.COI	NLV32T-100J-EF	T	79.2/47.2
L343	6200017680	S.COI	NLV32T-100J-EF	T	63.7/176.4
L401	6140006210	COI	LR-674		
L500	6200017010	S.COI	VLS252012CX-100M-1	T	47.4/3.2
L501	6200017010	S.COI	VLS252012CX-100M-1	T	20.1/6.3
L502	6200017540	S.COI	NLV25T-101J-EF	T	20.0/26.6
L503	6140004670	COI	LR-527 (CH160808TR271)		
L504	6140004670	COI	LR-527 (CH160808TR271)		
L505	6200010170	S.COI	AS080447-33N	T	35.4/28.0
L521	6200017540	S.COI	NLV25T-101J-EF	T	2.9/33.1
L551	6140006090	COI	LR-661		
L552	6140006140	COI	LR-665		
R15	7540000050	ABS	DSA-701MA		
R401	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/104.2
R402	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/110.5
R403	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/101.2
R404	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/113.5
R405	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/98.2
R406	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/116.5
R407	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/95.2
R408	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/119.5

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
R409	7030019100	S.RES	RMC1/8-103JTP (10 k)	T	7.1/93.2
R410	7030019100	S.RES	RMC1/8-103JTP (10 k)	T	9.1/122.0
R411	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	9.2/98.0
R412	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	9.1/116.1
R415	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	9.2/99.7
R416	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	9.1/114.3
R417	7030016190	S.RES	RMC1/16S-273JTH (27 k)	T	8.0/100.2
R418	7030016090	S.RES	RMC1/16S-223JTH (22 k)	T	7.9/113.9
R441	7030015910	S.RES	RMC1/16S-101JTH (100)	T	4.7/109.9
R442	7030016330	S.RES	RMC1/16S-153JTH (15 k)	T	6.2/102.9
R443	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	7.8/102.3
R444	7030015980	S.RES	RMC1/16S-333JTH (33 k)	T	7.8/104.1
R445	7030016190	S.RES	RMC1/16S-273JTH (27 k)	T	6.2/103.8
R446	7030016280	S.RES	RMC1/16S-331JTH (330)	T	5.0/103.5
R447	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	4.5/105.6
R448	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	6.2/102.0
R452	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	6.8/111.3
R453	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	8.4/112.2
R454	7030015980	S.RES	RMC1/16S-333JTH (33 k)	T	8.4/110.4
R455	7030016190	S.RES	RMC1/16S-273JTH (27 k)	T	6.8/110.4
R456	7030016280	S.RES	RMC1/16S-331JTH (330)	T	5.6/110.9
R457	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	5.2/113.0
R501	7030016190	S.RES	RMC1/16S-273JTH (27 k)	T	58.0/6.5
R502	7030021240	S.RES	RMC1-8R2JTE (8.2)	T	52.7/3.2
R503	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	60.2/3.9
R504	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	65.1/2.1
R505	7030015930	S.RES	RMC1/16S-471JTH (470)	T	60.6/2.7
R506	7030016210	S.RES	RMC1/16S-121JTH (120)	T	27.2/2.9
R507	7030021240	S.RES	RMC1-8R2JTE (8.2)	T	25.4/6.0
R508	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	65.1/3.0
R509	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	32.3/7.1
R510	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	36.6/4.6
R511	7030015930	S.RES	RMC1/16S-471JTH (470)	T	31.4/7.1
R512	7030014180	S.RES	ERJP08J 124V (120 k)	T	43.8/36.0
R513	7030014180	S.RES	ERJP08J 124V (120 k)	T	45.9/38.7
R514	7030014180	S.RES	ERJP08J 124V (120 k)	T	43.8/41.4
R551	7030021260	S.RES	RMC1-151JTE (150)	T	11.4/81.7
R552	7030021260	S.RES	RMC1-151JTE (150)	T	11.4/85.4
R553	7030021260	S.RES	RMC1-151JTE (150)	T	11.4/89.1
R555	7030021260	S.RES	RMC1-151JTE (150)	T	11.4/74.4
R556	7030021260	S.RES	RMC1-151JTE (150)	T	11.4/70.7
R557	7030021260	S.RES	RMC1-151JTE (150)	T	11.4/67.0
R558	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	14.0/61.3
R559	7030015900	S.RES	RMC1/16S-470JTH (47)	T	12.8/60.1
R560	7030016150	S.RES	RMC1/16S-100JTH (10)	T	12.4/61.3
R561	7030015930	S.RES	RMC1/16S-471JTH (470)	T	11.9/60.1
R601	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.7/165.3
R603	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.7/166.5
R605	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.7/167.7
R607	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.7/168.9
R610	7030015910	S.RES	RMC1/16S-101JTH (100)	T	4.8/170.0
R611	7030019070	S.RES	RMC1/8-101JTP (100)	T	3.0/29.0
R612	7030015910	S.RES	RMC1/16S-101JTH (100)	T	4.8/170.9
R624	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	29.3/177.1
R628	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	32.5/167.3
R629	7030016370	S.RES	RMC1/16S-271JTH (270)	T	34.2/167.4
R651	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/176.7
R652	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/174.4
R653	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/172.1
R654	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/169.8
R655	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/175.6
R656	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/173.3
R657	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/171.0
R658	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/168.7
R659	7030019490	S.RES	RMC1/8K680FTP (68)	T	44.8/166.6
R660	7030019490	S.RES	RMC1/8K680FTP (68)	T	44.8/164.5
C1	4320000210	DIP	DM19C 561J5		
C2	4320000200	DIP	DM19C 471J5		
C3	4010009440	CER	CC45SL3FD221JYNNA		
C4	4010009440	CER	CC45SL3FD221JYNNA		
C5	4010009440	CER	CC45SL3FD221JYNNA		
C6	4010009440	CER	CC45SL3FD221JYNNA		
C7	4010009440	CER	CC45SL3FD221JYNNA		
C8	4010009440	CER	CC45SL3FD221JYNNA		
C9	4010009440	CER	CC45SL3FD221JYNNA		
C10	4010009440	CER	CC45SL3FD221JYNNA		
C11	4010009440	CER	CC45SL3FD221JYNNA		
C13	4010009440	CER	CC45SL3FD221JYNNA		
C14	4320000210	DIP	DM19C 561J5		
C16	4010009440	CER	CC45SL3FD221JYNNA		
C17	4010009440	CER	CC45SL3FD221JYNNA		
C18	4010009490	CER	CC45SL3FD820JYNNA		
C19	4010009490	CER	CC45SL3FD820JYNNA		
C21	4010009440	CER	CC45SL3FD221JYNNA		
C22	4010009440	CER	CC45SL3FD221JYNNA		
C23	4010009470	CER	CC45SL3FD121JYNNA		
C24	4010009440	CER	CC45SL3FD221JYNNA		
C25	4010009440	CER	CC45SL3FD221JYNNA		
C26	4010009440	CER	CC45SL3FD221JYNNA		
C27	4010009440	CER	CC45SL3FD221JYNNA		
C28	4010009450	CER	CC45SL3FD181JYNNA		
C29	4010009470	CER	CC45SL3FD121JYNNA		
C30	4010009450	CER	CC45SL3FD181JYNNA		
C31	4010009440	CER	CC45SL3FD221JYNNA		
C32	4010009490	CER	CC45SL3FD820JYNNA		
C33	4010009470	CER	CC45SL3FD121JYNNA		
C34	4010009470	CER	CC45SL3FD121JYNNA		
C41	4010009460	CER	CC45SL3FD151JYNNA		
C42	4010009500	CER	CC45SL3FD680JYNNA		

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= Shows mounting location on the PCB.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

[FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C43	4010009460	CER CC45SL3FD151JYNNA		
C44	4010009460	CER CC45SL3FD151JYNNA		
C45	4010009460	CER CC45SL3FD151JYNNA		
C46	4010009450	CER CC45SL3FD181JYNNA		
C47	4010009490	CER CC45SL3FD820JYNNA		
C48	4010009480	CER CC45SL3FD101JYNNA		
C49	4010009460	CER CC45SL3FD151JYNNA		
C50	4010009550	CER CC45SL3JD270JYNNA		
C51	4010009490	CER CC45SL3FD820JYNNA		
C62	4010009520	CER CC45SL3JD470JYNNA		
C63	4010009520	CER CC45SL3JD470JYNNA		
C64	4010009480	CER CC45SL3FD101JYNNA		
C65	4010009480	CER CC45SL3FD101JYNNA		
C66	4010009480	CER CC45SL3FD101JYNNA		
C67	4010009480	CER CC45SL3FD101JYNNA		
C69	4010009530	CER CC45SL3JD390JYNNA		
C70	4010009530	CER CC45SL3JD390JYNNA		
C72	4010009560	CER CC45SL3JD220JYNNA		
C73	4010009520	CER CC45SL3JD470JYNNA		
C81	4010009480	CER CC45SL3FD101JYNNA		
C82	4010009480	CER CC45SL3FD101JYNNA		
C83	4010009500	CER CC45SL3FD680JYNNA		
C84	4010009500	CER CC45SL3FD680JYNNA		
C85	4010009510	CER CC45SL3FD560JYNNA		
C86	4010009510	CER CC45SL3FD560JYNNA		
C87	4010009510	CER CC45SL3FD560JYNNA		
C88	4010009510	CER CC45SL3FD560JYNNA		
C91	4010009490	CER CC45SL3FD820JYNNA		
C92	4010009550	CER CC45SL3JD270JYNNA		
C94	4010009560	CER CC45SL3JD220JYNNA		
C95	4010009600	CER CC45SL3JD080DYNNA		
C96	4010009550	CER CC45SL3JD270JYNNA		
C103	4010009490	CER CC45SL3FD820JYNNA		
C107	4010009500	CER CC45SL3FD680JYNNA		
C108	4010009480	CER CC45SL3FD101JYNNA		
C109	4010009480	CER CC45SL3FD101JYNNA		
C110	4010009500	CER CC45SL3FD680JYNNA		
C111	4010009500	CER CC45SL3FD680JYNNA		
C112	4010009560	CER CC45SL3JD220JYNNA		
C113	4010009520	CER CC45SL3JD470JYNNA		
C114	4010008921	CER CC45SL3JD050DYNNA		
C122	4010009520	CER CC45SL3JD470JYNNA		
C123	4010008921	CER CC45SL3JD050DYNNA		
C124	4010009520	CER CC45SL3JD470JYNNA		
C125	4010009520	CER CC45SL3JD470JYNNA		
C126	4010009520	CER CC45SL3JD470JYNNA		
C127	4010009530	CER CC45SL3JD390JYNNA		
C128	4010009520	CER CC45SL3JD470JYNNA		
C129	4010009530	CER CC45SL3JD390JYNNA		
C130	4010008921	CER CC45SL3JD050DYNNA		
C131	4010009580	CER CC45SL3JD120JYNNA		
C133	4010009530	CER CC45SL3JD390JYNNA		
C142	4010009540	CER CC45SL3JD330JYNNA		
C143	4010009550	CER CC45SL3JD270JYNNA		
C144	4010009540	CER CC45SL3JD330JYNNA		
C146	4010009540	CER CC45SL3JD330JYNNA		
C147	4010009540	CER CC45SL3JD330JYNNA		
C148	4010009570	CER CC45SL3JD180JYNNA		
C149	4010009570	CER CC45SL3JD180JYNNA		
C151	4010009540	CER CC45SL3JD330JYNNA		
C154	4010008921	CER CC45SL3JD050DYNNA		
C157	4010009570	CER CC45SL3JD180JYNNA		
C201	4030023210	S.CER 0402B472K500CT	T	294.4/156.1
C202	4030023010	S.CER 0402B104K160CT	T	294.4/157.0
C203	4030023210	S.CER 0402B472K500CT	T	259.6/22.7
C204	4030023010	S.CER 0402B104K160CT	T	259.6/21.8
C205	4030023010	S.CER 0402B104K160CT	T	290.2/163.3
C221	4030023210	S.CER 0402B472K500CT	T	234.4/155.2
C222	4030023010	S.CER 0402B104K160CT	T	234.4/156.1
C223	4030023210	S.CER 0402B472K500CT	T	199.6/22.7
C224	4030023010	S.CER 0402B104K160CT	T	199.6/21.8
C225	4030023010	S.CER 0402B104K160CT	T	230.2/162.4
C241	4030023210	S.CER 0402B472K500CT	T	174.4/154.3
C242	4030023010	S.CER 0402B104K160CT	T	174.4/155.2
C243	4030023210	S.CER 0402B472K500CT	T	139.6/22.7
C244	4030023010	S.CER 0402B104K160CT	T	139.6/21.8
C245	4030023010	S.CER 0402B104K160CT	T	170.2/161.5
C261	4030023210	S.CER 0402B472K500CT	T	114.4/153.4
C262	4030023010	S.CER 0402B104K160CT	T	114.4/154.3
C263	4030023210	S.CER 0402B472K500CT	T	77.4/32.0
C264	4030023010	S.CER 0402B104K160CT	T	77.4/32.9
C265	4030023010	S.CER 0402B104K160CT	T	110.2/160.6
C281	4030023210	S.CER 0402B472K500CT	T	264.4/155.7
C282	4030023010	S.CER 0402B104K160CT	T	264.4/156.6
C283	4030023210	S.CER 0402B472K500CT	T	229.7/22.6
C284	4030023010	S.CER 0402B104K160CT	T	229.7/21.7
C285	4030023010	S.CER 0402B104K160CT	T	260.2/162.9
C301	4030023210	S.CER 0402B472K500CT	T	204.4/154.8
C302	4030023010	S.CER 0402B104K160CT	T	204.4/155.7
C303	4030023210	S.CER 0402B472K500CT	T	169.6/22.7
C304	4030023010	S.CER 0402B104K160CT	T	169.6/21.8
C305	4030023010	S.CER 0402B104K160CT	T	200.2/162.0
C321	4030023210	S.CER 0402B472K500CT	T	144.4/153.9
C322	4030023010	S.CER 0402B104K160CT	T	144.4/154.8
C323	4030023210	S.CER 0402B472K500CT	T	109.6/22.7
C324	4030023010	S.CER 0402B104K160CT	T	109.6/21.8
C325	4030023010	S.CER 0402B104K160CT	T	140.2/161.1
C341	4030023210	S.CER 0402B472K500CT	T	66.9/176.8
C342	4030023010	S.CER 0402B104K160CT	T	67.8/176.8
C343	4030023210	S.CER 0402B472K500CT	T	78.1/51.6
C344	4030023010	S.CER 0402B104K160CT	T	79.0/51.6
C345	4030023010	S.CER 0402B104K160CT	T	86.6/161.2
C401	4010008921	CER CC45SL3JD050DYNNA		
C409	4030023210	S.CER 0402B472K500CT	T	10.6/93.0
C410	4030023210	S.CER 0402B472K500CT	T	12.7/121.5
C411	4030026590	S.CER RF15N180J500CT	T	9.6/106.0
C412	4030022920	S.CER 0402N820J500CT	T	9.6/106.9
C413	4030022920	S.CER 0402N820J500CT	T	9.6/107.8
C414	4030022640	S.CER 0402N101J500CT	T	9.6/108.7
C415	4030022640	S.CER 0402N101J500CT	T	22.1/117.3
C417	4030023200	S.CER 0402B471K500CT	T	8.0/98.4
C418	4030023200	S.CER 0402B471K500CT	T	7.9/115.7
C419	4030023210	S.CER 0402B472K500CT	T	8.0/99.3
C420	4030023210	S.CER 0402B472K500CT	T	7.9/114.8
C441	4030023010	S.CER 0402B104K160CT	T	4.7/108.3
C442	4030023090	S.CER 0402B102K500CT	T	7.8/103.2
C448	4030023010	S.CER 0402B104K160CT	T	6.1/98.9
C502	4030027760	S.CER C4532NP02J473J320KA	T	54.6/33.2
C503	4030026620	S.CER GRM188R72A104KA35D	T	44.6/3.8
C504	4030021730	S.CER GRM2162C2A102JA01D	T	44.5/2.2
C506	4030023210	S.CER 0402B472K500CT	T	18.1/6.2
C507	4030023010	S.CER 0402B104K160CT	T	18.1/5.3
C508	4030027760	S.CER C4532NP02J473J320KA	T	42.9/26.9
C510	4030023010	S.CER 0402B104K160CT	T	66.3/2.5
C511	4030023010	S.CER 0402B104K160CT	T	20.3/2.6
C512	4030023210	S.CER 0402B472K500CT	T	23.2/26.5
C513	4030027760	S.CER C4532NP02J473J320KA	T	58.4/33.2
C514	4030023010	S.CER 0402B104K160CT	T	24.1/26.5
C515	4030022870	S.CER 0402N471J500CT	T	25.0/26.5
C516	4030021200	S.CER GRM31A5C2J120JW01D	T	6.5/34.4
C517	4030023030	S.CER 0402B103K250CT	T	26.6/2.0
C518	4030023030	S.CER 0402B103K250CT	T	23.7/2.5
C519	4030027760	S.CER C4532NP02J473J320KA	T	45.6/29.4
C521	4030023210	S.CER 0402B472K500CT	T	2.9/40.8
C522	4030023010	S.CER 0402B104K160CT	T	2.9/41.7
C551	4030020760	S.CER GRM31A5C2J270JW01D	T	12.5/78.8
C552	4010008921	CER CC45SL3JD050DYNNA		
C554	4030023010	S.CER 0402B104K160CT	T	10.8/61.3
C555	4030020760	S.CER GRM31A5C2J270JW01D	T	17.3/66.3
C601	4030022860	S.CER 0402N470J500CT	T	9.1/165.3
C602	4030023010	S.CER 0402B104K160CT	T	16.6/165.8
C603	4030022860	S.CER 0402N470J500CT	T	9.1/166.3
C604	4030023090	S.CER 0402B102K500CT	T	16.6/167.1
C605	4030022860	S.CER 0402N470J500CT	T	9.1/167.3
C606	4030023090	S.CER 0402B102K500CT	T	16.6/168.3
C607	4030022860	S.CER 0402N470J500CT	T	9.1/168.3
C608	4030023010	S.CER 0402B104K160CT	T	16.6/169.3
C610	4030023010	S.CER 0402B104K160CT	T	16.6/170.2
C612	4030023010	S.CER 0402B104K160CT	T	16.6/171.1
C613	4030023010	S.CER 0402B104K160CT	T	2.9/26.1
C614	4030023030	S.CER 0402B103K250CT	T	6.4/25.6
C616	4030023010	S.CER 0402B104K160CT	T	16.8/172.8
C618	4030023010	S.CER 0402B104K160CT	T	16.8/176.3
C619	4030026620	S.CER GRM188R72A104KA35D	T	17.3/175.0
C621	4030022640	S.CER 0402N101J500CT	T	33.8/177.1
C622	4030022870	S.CER 0402N471J500CT	T	30.2/177.1
C623	4030023010	S.CER 0402B104K160CT	T	34.2/169.8
C624	4030022640	S.CER 0402N101J500CT	T	32.0/177.1
C625	4030023010	S.CER 0402B104K160CT	T	30.1/166.5
C631	4030023010	S.CER 0402B104K160CT	T	3.3/15.4
C632	4030023010	S.CER 0402B104K160CT	T	4.2/15.4
C633	4030026620	S.CER GRM188R72A104KA35D	T	2.6/21.5
C634	4030023010	S.CER 0402B104K160CT	T	1.8/19.4
C651	4030023010	S.CER 0402B104K160CT	T	42.8/177.0
C652	4030023010	S.CER 0402B104K160CT	T	42.8/174.4
C653	4030023010	S.CER 0402B104K160CT	T	42.8/172.4
C654	4030023010	S.CER 0402B104K160CT	T	42.8/169.8
C655	4030023010	S.CER 0402B104K160CT	T	42.8/175.6
C656	4030023010	S.CER 0402B104K160CT	T	42.8/173.3
C657	4030023010	S.CER 0402B104K160CT	T	42.8/171.0
C658	4030023010	S.CER 0402B104K160CT	T	42.8/168.7
C661	4030023010	S.CER 0402B104K160CT	T	48.2/166.6
C662	4030023010	S.CER 0402B104K160CT	T	44.3/162.9
RL201	6330000840	REL G2R-1 DC12V		
RL202	6330000840	REL G2R-1 DC12V		
RL221	6330000840	REL G2R-1 DC12V		
RL222	6330000840	REL G2R-1 DC12V		
RL241	6330000840	REL G2R-1 DC12V		
RL242	6330000840	REL G2R-1 DC12V		
RL261	6330000840	REL G2R-1 DC12V		
RL262	6330000840	REL G2R-1 DC12V		
RL281	6330000840	REL G2R-1 DC12V		
RL282	6330000840	REL G2R-1 DC12V		
RL301	6330000840	REL G2R-1 DC12V		
RL302	6330000840	REL G2R-1 DC12V		
RL321	6330000840	REL G2R-1 DC12V		
RL322	6330000840	REL G2R-1 DC12V		
RL341	6330002310	REL G2RL-2 DC12		
RL342	6330002310	REL G2RL-2 DC12		
RL501	6330001770	REL SIP-1A-12Y		
RL502	6330001770	REL SIP-1A-12Y		
RL503	6330000840	REL G2R-1 DC12V		
J1	6450003020	CON TNC-R-S-AI		
J2	6510030720	CON J810020FL		
J11	6450003020	CON TNC-R-S-AI		
J551	6510028210	CON SJ050010 (TMP-J01X-V6)		
J601	6510033330	S.CON 24FLT-SM2-TB(LF)(SN)(M)	T	12.8/171.0

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[FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
EP1	6910030590	S.E.O TH-1.6-5.0-M2	T	15.2/159.8
EP2	6910030590	S.E.O TH-1.6-5.0-M2	T	15.2/147.1
EP3	6910030590	S.E.O TH-1.6-5.0-M2	T	27.9/147.1
EP4	6910030590	S.E.O TH-1.6-5.0-M2	T	27.9/159.8
EP11	6910030590	S.E.O TH-1.6-5.0-M2	T	15.2/137.8
EP12	6910030590	S.E.O TH-1.6-5.0-M2	T	15.2/125.1
EP13	6910030590	S.E.O TH-1.6-5.0-M2	T	27.9/125.1
EP14	6910030590	S.E.O TH-1.6-5.0-M2	T	27.9/137.8
EP501	6910015970	S.BEA MMZ1608B 301CT-AS	T	61.9/4.6
EP502	6910015970	S.BEA MMZ1608B 301CT-AS	T	37.9/3.9
EP602	6910023350	S.BEA MMZ1005B601CT	T	6.0/166.4
EP604	6910023350	S.BEA MMZ1005B601CT	T	6.0/167.3
EP606	6910023350	S.BEA MMZ1005B601CT	T	6.0/168.2
EP608	6910023350	S.BEA MMZ1005B601CT	T	4.8/169.1
EP616	6910018930	S.BEA MPZ2012S601A	T	7.9/172.8
EP618	6910018930	S.BEA MPZ2012S601A	T	7.9/176.8
EP619	6910018930	S.BEA MPZ2012S601A	T	7.9/174.8

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[TUNER UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC2	1110008620	S.IC	BA2903SFVM-TR	T	27.1/70.7
IC3	1110008550	S.IC	NJM2904CRB1-TE1	T	36.5/70.7
IC701	1130012720	S.IC	CD74HC4094PWR	T	38.1/11.8
IC702	1130012720	S.IC	CD74HC4094PWR	T	51.6/11.8
IC703	1130012720	S.IC	CD74HC4094PWR	T	65.1/11.8
IC861	1130016050	S.IC	TC74VCX245FK(EL)	T	81.5/15.2
Q161	1530002691	S.TRA	2SC4116-GR(TE85R,F)	T	43.2/82.4
Q162	1530002691	S.TRA	2SC4116-GR(TE85R,F)	T	39.6/82.4
Q801	1590004690	S.TRA	LDTC143ZET1G	T	21.2/53.0
Q802	1590004690	S.TRA	LDTC143ZET1G	T	23.3/53.0
Q803	1590004690	S.TRA	LDTC143ZET1G	T	25.4/53.0
Q804	1590004690	S.TRA	LDTC143ZET1G	T	27.5/53.0
Q805	1590004690	S.TRA	LDTC143ZET1G	T	29.6/53.0
Q806	1590004690	S.TRA	LDTC143ZET1G	T	31.7/53.0
Q807	1590004690	S.TRA	LDTC143ZET1G	T	33.8/53.0
Q808	1590004690	S.TRA	LDTC143ZET1G	T	36.0/53.0
Q809	1590004690	S.TRA	LDTC143ZET1G	T	38.1/53.0
Q811	1530002691	S.TRA	2SC4116-GR(TE85R,F)	T	42.5/53.3
Q813	1530002691	S.TRA	2SC4116-GR(TE85R,F)	T	44.8/55.6
Q815	1590004690	S.TRA	LDTC143ZET1G	T	47.1/55.3
Q816	1530002691	S.TRA	2SC4116-GR(TE85R,F)	T	49.4/55.6
Q818	1590004690	S.TRA	LDTC143ZET1G	T	51.7/55.3
Q819	1590004690	S.TRA	LDTC143ZET1G	T	53.8/55.3
Q820	1590004690	S.TRA	LDTC143ZET1G	T	55.9/55.3
Q821	1590004690	S.TRA	LDTC143ZET1G	T	57.9/55.3
Q822	1590004690	S.TRA	LDTC143ZET1G	T	60.0/55.3
Q823	1590004690	S.TRA	LDTC143ZET1G	T	62.1/55.3
Q824	1590004690	S.TRA	LDTC143ZET1G	T	64.2/55.3
Q825	1590004690	S.TRA	LDTC143ZET1G	T	66.3/55.3
Q826	1590004690	S.TRA	LDTC143ZET1G	T	68.4/55.3
Q827	1590004690	S.TRA	LDTC143ZET1G	T	70.5/55.3
Q828	1590004690	S.TRA	LDTC143ZET1G	T	72.7/55.3
Q829	1590004690	S.TRA	LDTC143ZET1G	T	74.8/55.3
Q830	1590004690	S.TRA	LDTC143ZET1G	T	76.9/55.3
Q831	1530002691	S.TRA	2SC4116-GR(TE85R,F)	T	79.2/55.6
Q863	1590004690	S.TRA	LDTC143ZET1G	T	85.8/15.0
Q901	1590004690	S.TRA	LDTC143ZET1G	T	20.9/15.9
D1	1750001810	S.DIO	L1SS400T1G	T	77.5/67.2
D11	1750001810	S.DIO	L1SS400T1G	T	295.0/5.4
D101	1750001810	S.DIO	L1SS400T1G	T	63.1/165.7
D102	1750001810	S.DIO	L1SS400T1G	T	68.3/110.0
D141	1750002230	S.DIO	LRB751S-40T1G	T	28.1/82.2
D142	1750002230	S.DIO	LRB751S-40T1G	T	29.9/82.2
D161	1750002940	S.DIO	MMBD452LT1G	T	17.6/137.0
D162	1750002950	S.DIO	MMBD352LT1G	T	19.4/120.1
D163	1750002950	S.DIO	MMBD352LT1G	T	16.2/120.1
D164	1750002230	S.DIO	LRB751S-40T1G	T	36.4/82.3
D165	1750002230	S.DIO	LRB751S-40T1G	T	35.1/82.3
D181	1750001850	S.DIO	LDAN222T1G	T	32.2/65.7
D201	1750002230	S.DIO	LRB751S-40T1G	T	31.0/71.1
D221	1750001850	S.DIO	LDAN222T1G	T	20.8/72.5
D301	1750001810	S.DIO	L1SS400T1G	T	81.1/174.4
D311	1750001810	S.DIO	L1SS400T1G	T	95.4/179.4
D321	1750001810	S.DIO	L1SS400T1G	T	109.8/184.4
D331	1750001810	S.DIO	L1SS400T1G	T	124.0/189.4
D341	1750001810	S.DIO	L1SS400T1G	T	157.4/184.4
D351	1750001810	S.DIO	L1SS400T1G	T	171.7/189.4
D361	1750001810	S.DIO	L1SS400T1G	T	207.1/188.5
D371	1750001810	S.DIO	L1SS400T1G	T	240.5/188.6
D381	1750001810	S.DIO	L1SS400T1G	T	325.0/123.8
D401	1750001810	S.DIO	L1SS400T1G	T	77.3/122.6
D411	1750001810	S.DIO	L1SS400T1G	T	288.4/81.3
D501	1750001810	S.DIO	L1SS400T1G	T	128.9/37.6
D511	1750001810	S.DIO	L1SS400T1G	T	144.7/37.6
D521	1750001810	S.DIO	L1SS400T1G	T	160.5/37.6
D531	1750001810	S.DIO	L1SS400T1G	T	176.3/37.6
D541	1750001810	S.DIO	L1SS400T1G	T	192.1/37.6
D551	1750001810	S.DIO	L1SS400T1G	T	207.9/37.6
D561	1750001810	S.DIO	L1SS400T1G	T	223.7/37.6
D571	1750001810	S.DIO	L1SS400T1G	T	239.5/37.6
D581	1750001810	S.DIO	L1SS400T1G	T	255.3/37.6
D591	1750001810	S.DIO	L1SS400T1G	T	77.3/110.0
D601	1750001810	S.DIO	L1SS400T1G	T	272.5/72.5
D611	1750001810	S.DIO	L1SS400T1G	T	273.7/46.7
L1	6200017680	S.COI	NLV32T-100J-EF	T	78.6/63.6
L2	6200017680	S.COI	NLV32T-100J-EF	T	78.6/70.8
L15	6200017680	S.COI	NLV32T-100J-EF	T	300.2/6.4
L16	6200017680	S.COI	NLV32T-100J-EF	T	289.9/6.4
L101	6200017680	S.COI	NLV32T-100J-EF	T	59.5/165.2
L102	6200017680	S.COI	NLV32T-100J-EF	T	66.7/165.2
L103	6200017680	S.COI	NLV32T-100J-EF	T	69.9/112.9
L104	6200017680	S.COI	NLV32T-100J-EF	T	66.7/112.9
L141	6140005560	COI	LR-604		
L161	6140000930	COI	LR-116		
L162	6140000930	COI	LR-116		
L301	6200017680	S.COI	NLV32T-100J-EF	T	84.7/173.4
L302	6200017680	S.COI	NLV32T-100J-EF	T	77.5/173.4
L303	6110004570	COI	LA-675		
L311	6200017680	S.COI	NLV32T-100J-EF	T	99.0/178.4
L312	6200017680	S.COI	NLV32T-100J-EF	T	91.8/178.4
L313	6110004490	COI	LA-667		
L321	6200017680	S.COI	NLV32T-100J-EF	T	113.3/183.4
L322	6200017680	S.COI	NLV32T-100J-EF	T	106.1/183.4
L323	6110004500	COI	LA-668		
L331	6200017680	S.COI	NLV32T-100J-EF	T	129.0/189.0
L332	6200017680	S.COI	NLV32T-100J-EF	T	119.0/189.0
L333	6110004510	COI	LA-669		
L341	6200017680	S.COI	NLV32T-100J-EF	T	161.0/183.4
L342	6200017680	S.COI	NLV32T-100J-EF	T	153.8/183.4
L343	6110004520	COI	LA-670		
L351	6200017680	S.COI	NLV32T-100J-EF	T	176.7/189.0
L352	6200017680	S.COI	NLV32T-100J-EF	T	166.7/189.0
L353	6110004530	COI	LA-671		
L361	6200017680	S.COI	NLV32T-100J-EF	T	202.0/187.7
L362	6200017680	S.COI	NLV32T-100J-EF	T	212.2/187.7
L363	6110004540	COI	LA-672		
L371	6200017680	S.COI	NLV32T-100J-EF	T	235.3/187.7
L372	6200017680	S.COI	NLV32T-100J-EF	T	245.6/187.7
L373	6110004550	COI	LA-673		
L381	6200017680	S.COI	NLV32T-100J-EF	T	325.5/133.9
L382	6200017680	S.COI	NLV32T-100J-EF	T	322.4/133.9
L383	6110004560	COI	LA-674		
L401	6200017680	S.COI	NLV32T-100J-EF	T	77.7/126.2
L402	6200017680	S.COI	NLV32T-100J-EF	T	77.7/119.0
L411	6200017680	S.COI	NLV32T-100J-EF	T	283.5/82.3
L412	6200017680	S.COI	NLV32T-100J-EF	T	283.5/79.1
L413	6110004580	COI	LA-687		
L421	6110004590	COI	LA-688		
L431	6110004590	COI	LA-688		
L501	6200017680	S.COI	NLV32T-100J-EF	T	132.5/38.6
L502	6200017680	S.COI	NLV32T-100J-EF	T	125.3/38.6
L511	6200017680	S.COI	NLV32T-100J-EF	T	148.3/38.6
L512	6200017680	S.COI	NLV32T-100J-EF	T	141.1/38.6
L521	6200017680	S.COI	NLV32T-100J-EF	T	164.1/38.6
L522	6200017680	S.COI	NLV32T-100J-EF	T	156.9/38.6
L531	6200017680	S.COI	NLV32T-100J-EF	T	179.9/38.6
L532	6200017680	S.COI	NLV32T-100J-EF	T	172.7/38.6
L541	6200017680	S.COI	NLV32T-100J-EF	T	195.7/38.6
L542	6200017680	S.COI	NLV32T-100J-EF	T	188.5/38.6
L551	6200017680	S.COI	NLV32T-100J-EF	T	211.6/38.6
L552	6200017680	S.COI	NLV32T-100J-EF	T	204.3/38.6
L561	6200017680	S.COI	NLV32T-100J-EF	T	227.3/38.6
L562	6200017680	S.COI	NLV32T-100J-EF	T	220.1/38.6
L571	6200017680	S.COI	NLV32T-100J-EF	T	243.1/38.6
L572	6200017680	S.COI	NLV32T-100J-EF	T	235.9/38.6
L581	6200017680	S.COI	NLV32T-100J-EF	T	258.9/38.6
L582	6200017680	S.COI	NLV32T-100J-EF	T	251.7/38.6
L591	6200017680	S.COI	NLV32T-100J-EF	T	75.0/109.5
L592	6200017680	S.COI	NLV32T-100J-EF	T	75.8/113.3
L601	6200017680	S.COI	NLV32T-100J-EF	T	276.1/73.5
L602	6200017680	S.COI	NLV32T-100J-EF	T	268.9/73.5
L611	6200017680	S.COI	NLV32T-100J-EF	T	274.7/50.3
L612	6200017680	S.COI	NLV32T-100J-EF	T	274.7/43.1
L701	6200017680	S.COI	NLV32T-100J-EF	T	57.4/7.8
L861	6200017640	S.COI	NLV25T-3R3J-EF	T	86.5/19.9
R105	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	99.6/85.6
R106	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	107.6/85.6
R107	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	99.6/88.6
R108	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	107.6/88.6
R109	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	99.6/91.6
R110	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	107.6/91.6
R111	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	111.0/75.9
R112	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	111.0/78.9
R113	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	111.0/81.9
R121	7030021170	S.RES	RMC1-121JTE (120)	T	41.3/127.4
R122	7030021160	S.RES	RMC1-101JTE (100)	T	37.1/127.4
R123	7030021270	S.RES	RMC1-271JTE (270)	T	39.0/144.5
R124	7030021260	S.RES	RMC1-151JTE (150)	T	30.2/144.5
R125	7030021270	S.RES	RMC1-271JTE (270)	T	39.0/140.8
R126	7030021260	S.RES	RMC1-151JTE (150)	T	30.2/140.8
R127	7030021270	S.RES	RMC1-271JTE (270)	T	39.0/137.1
R128	7030021260	S.RES	RMC1-151JTE (150)	T	30.2/137.1
R129	7030021160	S.RES	RMC1-101JTE (100)	T	32.9/127.4
R130	7030021160	S.RES	RMC1-101JTE (100)	T	41.3/119.1
R131	7030021160	S.RES	RMC1-101JTE (100)	T	37.1/119.1
R132	7030021160	S.RES	RMC1-101JTE (100)	T	32.9/119.1
R133	7030021260	S.RES	RMC1-151JTE (150)	T	30.2/113.1
R134	7030021270	S.RES	RMC1-271JTE (270)	T	30.2/109.4
R136	7030022510	S.RES	RMC1-181JTE (180)	T	39.0/133.4
R137	7030022510	S.RES	RMC1-181JTE (180)	T	30.2/133.4
R141	7030021160	S.RES	RMC1-101JTE (100)	T	42.9/89.9
R142	7030021160	S.RES	RMC1-101JTE (100)	T	40.2/98.6
R143	7030021160	S.RES	RMC1-101JTE (100)	T	31.9/98.6
R144	7030021160	S.RES	RMC1-101JTE (100)	T	46.6/89.9
R145	7030021160	S.RES	RMC1-101JTE (100)	T	40.2/102.3
R146	7030021160	S.RES	RMC1-101JTE (100)	T	31.9/102.3
R147	7030021160	S.RES	RMC1-101JTE (100)	T	27.7/89.9
R148	7030021160	S.RES	RMC1-101JTE (100)	T	24.0/89.9
R149	7030016040	S.RES	RMC1/16S-224JTH (220 k)	T	26.4/83.9
R150	7030016000	S.RES	RMC1/16S-823JTH (82 k)	T	26.8/82.6
R161	7030016150	S.RES	RMC1/16S-100JTH (10)	T	14.9/137.0
R162	7030015900	S.RES	RMC1/16S-470JTH (47)	T	20.7/105.1
R163	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	45.1/84.3
R164	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	46.5/83.1
R165	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	45.1/82.5
R166	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	33.0/84.3
R167	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	33.0/82.5
R168	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	41.4/83.0
R169	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	39.6/84.5
R170	7030015920	S.RES	RMC1/16S-221JTH (220)	T	45.5/81.1
R181	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	30.4/65.7
R182	7030016080	S.RES	RMC1/16S-822JTH (8.2 k)	T	29.4/65.7
R185	7030016410	S.RES	RMC1/16S-561JTH (560)	T	32.7/68.7
R186	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	33.7/73.4

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(Amended page)

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[TUNER UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
R188	7030015920	S.RES	RMC1/16S-221JTH (220)	T	34.1/68.3
R201	7030015920	S.RES	RMC1/16S-221JTH (220)	T	25.1/67.9
R202	7030015960	S.RES	RMC1/16S-472JTH (4.7 k)	T	31.0/68.3
R203	7030016100	S.RES	RMC1/16S-334JTH (330 k)	T	31.9/73.3
R204	7030016420	S.RES	RMC1/16S-182JTH (1.8 k)	T	30.9/73.3
R205	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	31.3/69.3
R206	7030016120	S.RES	RMC1/16S-682JTH (6.8 k)	T	19.1/122.8
R221	7030015960	S.RES	RMC1/16S-472JTH (4.7 k)	T	22.9/69.3
R222	7030016040	S.RES	RMC1/16S-224JTH (220 k)	T	22.9/71.3
R223	7030016040	S.RES	RMC1/16S-224JTH (220 k)	T	22.9/72.3
R224	7030016090	S.RES	RMC1/16S-223JTH (22 k)	T	21.3/67.9
R225	7030016080	S.RES	RMC1/16S-822JTH (8.2 k)	T	21.2/69.3
R701	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	39.6/7.4
R702	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	32.3/13.9
R703	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	32.3/12.1
R704	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	33.2/10.3
R705	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	32.3/17.8
R706	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	41.3/8.5
R711	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	43.0/17.8
R712	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	41.6/17.8
R713	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	40.2/17.8
R714	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	38.8/17.8
R715	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	37.4/17.8
R716	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	36.0/17.8
R717	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	34.6/17.8
R718	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	33.2/17.8
R719	7030015930	S.RES	RMC1/16S-471JTH (470)	T	43.0/23.8
R720	7030015930	S.RES	RMC1/16S-471JTH (470)	T	41.6/23.8
R721	7030015930	S.RES	RMC1/16S-471JTH (470)	T	40.2/23.8
R722	7030015930	S.RES	RMC1/16S-471JTH (470)	T	38.8/23.8
R723	7030015930	S.RES	RMC1/16S-471JTH (470)	T	37.4/23.8
R724	7030015930	S.RES	RMC1/16S-471JTH (470)	T	36.0/23.8
R725	7030015930	S.RES	RMC1/16S-471JTH (470)	T	34.6/23.8
R726	7030015930	S.RES	RMC1/16S-471JTH (470)	T	33.2/23.8
R731	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	56.5/17.8
R732	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	55.1/17.8
R733	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	53.7/17.8
R734	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	52.3/17.8
R735	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	48.1/17.8
R736	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	50.9/17.8
R737	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	49.5/17.8
R738	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	46.7/17.8
R739	7030015930	S.RES	RMC1/16S-471JTH (470)	T	56.5/23.8
R740	7030015930	S.RES	RMC1/16S-471JTH (470)	T	55.1/23.8
R741	7030015930	S.RES	RMC1/16S-471JTH (470)	T	53.7/23.8
R742	7030015930	S.RES	RMC1/16S-471JTH (470)	T	52.3/23.8
R743	7030015930	S.RES	RMC1/16S-471JTH (470)	T	48.1/23.8
R744	7030015930	S.RES	RMC1/16S-471JTH (470)	T	50.9/23.8
R745	7030015930	S.RES	RMC1/16S-471JTH (470)	T	49.5/23.8
R746	7030015930	S.RES	RMC1/16S-471JTH (470)	T	46.7/23.8
R751	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	68.6/17.8
R752	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	67.2/17.8
R753	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	65.8/17.8
R754	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	64.4/17.8
R755	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	63.0/17.8
R756	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	61.6/17.8
R757	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	60.2/17.8
R758	7030015930	S.RES	RMC1/16S-471JTH (470)	T	68.6/23.8
R759	7030015930	S.RES	RMC1/16S-471JTH (470)	T	67.2/23.8
R760	7030015930	S.RES	RMC1/16S-471JTH (470)	T	65.8/23.8
R761	7030015930	S.RES	RMC1/16S-471JTH (470)	T	64.4/23.8
R762	7030015930	S.RES	RMC1/16S-471JTH (470)	T	63.0/23.8
R763	7030015930	S.RES	RMC1/16S-471JTH (470)	T	61.6/23.8
R764	7030015930	S.RES	RMC1/16S-471JTH (470)	T	60.2/23.8
R805	7030015550	S.RES	RMC1/16-1R0JTP (1)	T	50.4/38.6
R806	7030015550	S.RES	RMC1/16-1R0JTP (1)	T	51.7/38.6
R811	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	42.1/50.5
R812	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	42.1/51.4
R813	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	44.5/52.7
R814	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	44.5/53.6
R816	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	49.1/52.7
R817	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	49.1/53.6
R831	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	78.9/52.6
R832	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	78.9/53.6
R861	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	85.2/17.2
R901	7030016350	S.RES	RMC1/16S-122JTH (1.2 k)	T	18.7/14.1
R902	7030016350	S.RES	RMC1/16S-122JTH (1.2 k)	T	18.7/15.9
R903	7030016210	S.RES	RMC1/16S-121JTH (120)	T	14.7/17.9
R904	7030016210	S.RES	RMC1/16S-121JTH (120)	T	15.9/20.7
R905	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	18.7/19.5
R906	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	18.7/17.5
R951	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.9/36.4
R952	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.9/35.1
R953	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.9/40.3
R954	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.9/41.6
R955	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.9/37.7
R956	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.9/39.0
R957	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.9/32.5
R958	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.9/33.8
R959	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.9/42.9
R960	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.9/44.2
C11	4030023210	S.CER	0402B472K500CT	T	295.0/7.5
C12	4030023210	S.CER	0402B472K500CT	T	296.7/5.7
C13	4030023210	S.CER	0402B472K500CT	T	293.4/5.7
C14	4010009600	CER	CC45SL3JD080DYNNA		
C15	4010009600	CER	CC45SL3JD080DYNNA		
C17	4030023010	S.CER	0402B104K160CT	T	279.2/7.4
C18	4010009570	CER	CC45SL3JD180JYNNA		
C21	4030023010	S.CER	0402B104K160CT	T	78.7/67.2

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
C22	4030023010	S.CER	0402B104K160CT	T	75.9/66.7
C23	4030023010	S.CER	0402B104K160CT	T	75.9/67.7
C26	4030023210	S.CER	0402B472K500CT	T	75.9/65.7
C27	4030023210	S.CER	0402B472K500CT	T	79.7/67.2
C28	4030023210	S.CER	0402B472K500CT	T	75.9/68.7
C34	4030023010	S.CER	0402B104K160CT	T	297.7/5.7
C35	4030023010	S.CER	0402B104K160CT	T	295.0/6.6
C36	4030023010	S.CER	0402B104K160CT	T	292.4/5.7
C101	4030023210	S.CER	0402B472K500CT	T	62.6/167.3
C102	4030023210	S.CER	0402B472K500CT	T	63.1/163.5
C103	4030023210	S.CER	0402B472K500CT	T	63.6/167.3
C104	4030023210	S.CER	0402B472K500CT	T	70.1/107.8
C105	4030023210	S.CER	0402B472K500CT	T	68.3/107.8
C106	4030023210	S.CER	0402B472K500CT	T	66.5/107.8
C107	4030023010	S.CER	0402B104K160CT	T	63.1/164.5
C108	4030023010	S.CER	0402B104K160CT	T	61.6/167.3
C109	4030023010	S.CER	0402B104K160CT	T	64.6/167.3
C110	4030023010	S.CER	0402B104K160CT	T	68.3/108.8
C111	4030023010	S.CER	0402B104K160CT	T	70.1/108.8
C112	4030023010	S.CER	0402B104K160CT	T	66.5/108.8
C141	4030023450	S.CER	0603N100D500CT	T	21.5/91.9
C142	4030024050	S.CER	0603B473K500CT	T	31.4/82.4
C143	4030023680	S.CER	0603N331J500CT	T	29.0/84.6
C144	4030023480	S.CER	0603N120J500CT	T	41.8/96.1
C162	4030021000	S.CER	GRM31A5C2J100JW01D	T	32.5/152.5
C163	4030024050	S.CER	0603B473K500CT	T	20.7/107.4
C164	4030023450	S.CER	0603N100D500CT	T	47.0/84.6
C165	4030023620	S.CER	0603N270J500CT	T	43.0/84.6
C166	4030024050	S.CER	0603B473K500CT	T	37.7/82.4
C167	4030023680	S.CER	0603N331J500CT	T	35.3/84.6
C168	4030023010	S.CER	0402B104K160CT	T	46.5/82.1
C169	4030023210	S.CER	0402B472K500CT	T	47.3/81.1
C170	4030023760	S.CER	0603N680J500CT	T	14.9/133.7
C182	4030023010	S.CER	0402B104K160CT	T	34.7/73.4
C183	4030023210	S.CER	0402B472K500CT	T	35.7/73.4
C184	4030023870	S.CER	0603B104K500CT	T	36.5/68.3
C201	4030023870	S.CER	0603B104K500CT	T	27.1/68.3
C202	4030023210	S.CER	0402B472K500CT	T	29.3/68.3
C203	4030023010	S.CER	0402B104K160CT	T	17.0/122.8
C221	4030023210	S.CER	0402B472K500CT	T	22.9/70.3
C222	4030023210	S.CER	0402B472K500CT	T	21.6/75.1
C223	4030023210	S.CER	0402B472K500CT	T	21.5/70.7
C241	4030021210	S.CER	15P GRM31A 630V C0G	T	60.3/92.8
C242	4030020740	S.CER	GRM31A5C2J180JW01D	T	60.6/87.7
C244	4030021210	S.CER	15P GRM31A 630V C0G	T	62.9/92.8
C245	4030020740	S.CER	GRM31A5C2J180JW01D	T	63.2/87.7
C301	4030023210	S.CER	0402B472K500CT	T	81.6/176.0
C302	4030023210	S.CER	0402B472K500CT	T	81.1/172.2
C303	4030023210	S.CER	0402B472K500CT	T	80.6/176.0
C305	4030023010	S.CER	0402B104K160CT	T	82.6/176.0
C306	4030023010	S.CER	0402B104K160CT	T	81.1/173.2
C307	4030023010	S.CER	0402B104K160CT	T	79.6/176.0
C311	4030023210	S.CER	0402B472K500CT	T	95.9/181.0
C312	4030023210	S.CER	0402B472K500CT	T	95.4/177.2
C313	4030023210	S.CER	0402B472K500CT	T	94.9/181.0
C315	4030023010	S.CER	0402B104K160CT	T	96.9/181.0
C316	4030023010	S.CER	0402B104K160CT	T	95.4/178.2
C317	4030023010	S.CER	0402B104K160CT	T	93.9/181.0
C321	4030023210	S.CER	0402B472K500CT	T	110.3/186.0
C322	4030023210	S.CER	0402B472K500CT	T	109.7/182.2
C323	4030023210	S.CER	0402B472K500CT	T	109.3/186.0
C325	4030023010	S.CER	0402B104K160CT	T	111.3/186.0
C326	4030023010	S.CER	0402B104K160CT	T	109.7/183.2
C327	4030023010	S.CER	0402B104K160CT	T	108.3/186.0
C331	4030023210	S.CER	0402B472K500CT	T	125.9/189.6
C332	4030023210	S.CER	0402B472K500CT	T	124.0/187.2
C333	4030023210	S.CER	0402B472K500CT	T	122.1/189.6
C335	4030023010	S.CER	0402B104K160CT	T	126.9/189.6
C336	4030023010	S.CER	0402B104K160CT	T	124.0/188.2
C337	4030023010	S.CER	0402B104K160CT	T	121.1/189.6
C341	4030023210	S.CER	0402B472K500CT	T	157.9/186.0
C342	4030023210	S.CER	0402B472K500CT	T	157.4/182.2
C343	4030023210	S.CER	0402B472K500CT	T	156.9/186.0
C345	4030023010	S.CER	0402B104K160CT	T	158.9/186.0
C346	4030023010	S.CER	0402B104K160CT	T	157.4/183.2
C347	4030023010	S.CER	0402B104K160CT	T	155.9/186.0
C351	4030023210	S.CER	0402B472K500CT	T	173.6/189.4
C352	4030023210	S.CER	0402B472K500CT	T	171.7/187.2
C353	4030023210	S.CER	0402B472K500CT	T	169.8/189.4
C355	4030023010	S.CER	0402B104K160CT	T	174.6/189.4
C356	4030023010	S.CER	0402B104K160CT	T	171.7/188.2
C357	4030023010	S.CER	0402B104K160CT	T	168.8/189.4
C361	4030023210	S.CER	0402B472K500CT	T	205.4/188.4
C362	4030023210	S.CER	0402B472K500CT	T	207.1/186.3
C363	4030023210	S.CER	0402B472K500CT	T	208.8/188.4
C365	4030023010	S.CER	0402B104K160CT	T	204.5/188.4
C367	4030023010	S.CER	0402B104K160CT	T	207.1/187.3
C368	4030023010	S.CER	0402B104K160CT	T	209.7/188.4
C371	4030023210	S.CER	0402B472K500CT	T	238.7/188.4
C372	4030023210	S.CER	0402B472K500CT	T	240.5/186.6
C373	4030023210	S.CER	0402B472K500CT	T	242.2/188.4
C375	4030023010	S.CER	0402B104K160CT	T	237.8/188.4
C376	4030023010	S.CER	0402B104K160CT	T	240.5/187.5
C377	4030023010	S.CER	0402B104K160CT	T	243.1/188.4
C381	4030023210	S.CER	0402B472K500CT	T	324.4/121.9
C382	4030023210	S.CER	0402B472K500CT	T	323.0/123.8
C383	4030023210	S.CER	0402B472K500CT	T	324.4/125.6
C385	4030023010	S.CER	0402B104K160CT	T	324.4/120.9
C386	4030023010	S.CER	0402B104K160CT	T	323.9/123.8
C387	4030023010	S.CER	0402B104K160CT	T	324.4/126.6
C401	4030023210	S.CER	0402B472K500CT	T	75.7/123.1

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

[TUNER UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C402	4030023210	S.CER 0402B472K500CT	T	79.5/122.6
C403	4030023210	S.CER 0402B472K500CT	T	75.7/122.1
C405	4030023010	S.CER 0402B104K160CT	T	75.7/124.1
C406	4030023010	S.CER 0402B104K160CT	T	78.5/122.6
C407	4030023010	S.CER 0402B104K160CT	T	75.7/121.1
C411	4030023210	S.CER 0402B472K500CT	T	286.6/83.5
C412	4030023210	S.CER 0402B472K500CT	T	288.4/83.5
C413	4030023210	S.CER 0402B472K500CT	T	290.2/83.5
C415	4030023010	S.CER 0402B104K160CT	T	286.6/82.5
C416	4030023010	S.CER 0402B104K160CT	T	288.4/82.5
C417	4030023010	S.CER 0402B104K160CT	T	290.2/82.5
C421	4010009530	CER CC45SL3JD390JYNNA		
C431	4010008921	CER CC45SL3JD050DYNNA		
C501	4010009450	CER CC45SL3FD181JYNNA		
C502	4010009450	CER CC45SL3FD181JYNNA		
C503	4010009450	CER CC45SL3FD181JYNNA		
C504	4010009440	CER CC45SL3FD221JYNNA		
C505	4010009440	CER CC45SL3FD221JYNNA		
C506	4010009440	CER CC45SL3FD221JYNNA		
C508	4030023210	S.CER 0402B472K500CT	T	128.9/39.8
C509	4030023210	S.CER 0402B472K500CT	T	129.4/36.0
C510	4030023210	S.CER 0402B472K500CT	T	128.4/36.0
C511	4010009460	CER CC45SL3FD151JYNNA		
C512	4010009460	CER CC45SL3FD151JYNNA		
C513	4010009460	CER CC45SL3FD151JYNNA		
C514	4010009460	CER CC45SL3FD151JYNNA		
C515	4030023210	S.CER 0402B472K500CT	T	144.7/39.8
C516	4030023210	S.CER 0402B472K500CT	T	145.2/36.0
C517	4030023210	S.CER 0402B472K500CT	T	144.2/36.0
C521	4010009500	CER CC45SL3FD680JYNNA		
C522	4010009500	CER CC45SL3FD680JYNNA		
C523	4010009490	CER CC45SL3FD820JYNNA		
C524	4010009490	CER CC45SL3FD820JYNNA		
C525	4030023210	S.CER 0402B472K500CT	T	160.5/39.8
C526	4030023210	S.CER 0402B472K500CT	T	161.0/36.0
C527	4030023210	S.CER 0402B472K500CT	T	160.0/36.0
C531	4010009460	CER CC45SL3FD151JYNNA		
C532	4010009460	CER CC45SL3FD151JYNNA		
C533	4010009460	CER CC45SL3FD151JYNNA		
C534	4010009460	CER CC45SL3FD151JYNNA		
C535	4030023210	S.CER 0402B472K500CT	T	176.3/39.8
C536	4030023210	S.CER 0402B472K500CT	T	176.8/36.0
C537	4030023210	S.CER 0402B472K500CT	T	175.8/36.0
C541	4010009560	CER CC45SL3JD220JYNNA		
C542	4010009570	CER CC45SL3JD180JYNNA		
C543	4010009570	CER CC45SL3JD180JYNNA		
C544	4010009570	CER CC45SL3JD180JYNNA		
C545	4030023210	S.CER 0402B472K500CT	T	192.1/39.8
C546	4030023210	S.CER 0402B472K500CT	T	192.6/36.0
C547	4030023210	S.CER 0402B472K500CT	T	191.6/36.0
C551	4010009460	CER CC45SL3FD151JYNNA		
C552	4010009460	CER CC45SL3FD151JYNNA		
C553	4010009460	CER CC45SL3FD151JYNNA		
C554	4010009460	CER CC45SL3FD151JYNNA		
C555	4030023210	S.CER 0402B472K500CT	T	208.4/36.0
C556	4030023210	S.CER 0402B472K500CT	T	207.9/39.8
C557	4030023210	S.CER 0402B472K500CT	T	207.4/36.0
C561	4010009490	CER CC45SL3FD820JYNNA		
C562	4010009500	CER CC45SL3FD680JYNNA		
C563	4010009490	CER CC45SL3FD820JYNNA		
C564	4010009500	CER CC45SL3FD680JYNNA		
C565	4030023210	S.CER 0402B472K500CT	T	223.7/39.8
C566	4030023210	S.CER 0402B472K500CT	T	224.2/36.0
C567	4030023210	S.CER 0402B472K500CT	T	223.2/36.0
C571	4010009530	CER CC45SL3JD390JYNNA		
C572	4010009530	CER CC45SL3JD390JYNNA		
C573	4010009530	CER CC45SL3JD390JYNNA		
C574	4010009540	CER CC45SL3JD330JYNNA		
C575	4030023210	S.CER 0402B472K500CT	T	239.5/39.8
C576	4030023210	S.CER 0402B472K500CT	T	240.0/36.0
C577	4030023210	S.CER 0402B472K500CT	T	239.0/36.0
C581	4010009570	CER CC45SL3JD180JYNNA		
C582	4010009570	CER CC45SL3JD180JYNNA		
C583	4010009570	CER CC45SL3JD180JYNNA		
C584	4010009570	CER CC45SL3JD180JYNNA		
C585	4030023210	S.CER 0402B472K500CT	T	255.8/36.0
C586	4030023210	S.CER 0402B472K500CT	T	255.3/39.8
C587	4030023210	S.CER 0402B472K500CT	T	254.8/36.0
C591	4030023210	S.CER 0402B472K500CT	T	78.5/108.2
C592	4030023210	S.CER 0402B472K500CT	T	78.5/111.8
C593	4030023210	S.CER 0402B472K500CT	T	79.5/110.0
C595	4030023010	S.CER 0402B104K160CT	T	79.5/108.2
C596	4030023010	S.CER 0402B104K160CT	T	78.5/110.0
C597	4030023010	S.CER 0402B104K160CT	T	79.5/111.8
C601	4030023210	S.CER 0402B472K500CT	T	273.0/70.9
C602	4030023210	S.CER 0402B472K500CT	T	272.5/74.7
C603	4030023210	S.CER 0402B472K500CT	T	272.0/70.9
C605	4030023010	S.CER 0402B104K160CT	T	274.0/70.9
C606	4030023010	S.CER 0402B104K160CT	T	272.5/73.7
C607	4030023010	S.CER 0402B104K160CT	T	271.0/70.9
C608	4030023010	S.CER 0402B104K160CT	T	256.7/79.5
C610	4010009440	CER CC45SL3FD221JYNNA		
C611	4010009440	CER CC45SL3FD221JYNNA		
C612	4010009440	CER CC45SL3FD221JYNNA		
C613	4030023210	S.CER 0402B472K500CT	T	272.1/47.2
C614	4030023210	S.CER 0402B472K500CT	T	275.9/46.7
C615	4030023210	S.CER 0402B472K500CT	T	272.1/46.2
C616	4030023010	S.CER 0402B104K160CT	T	272.1/48.2
C617	4030023010	S.CER 0402B104K160CT	T	274.9/46.7
C618	4030023010	S.CER 0402B104K160CT	T	272.1/45.2
C619	4030023010	S.CER 0402B104K160CT	T	278.0/54.9
C620	4010009440	CER CC45SL3FD221JYNNA		
C621	4030023010	S.CER 0402B104K160CT	T	130.4/36.0
C622	4030023010	S.CER 0402B104K160CT	T	128.9/38.8
C623	4030023010	S.CER 0402B104K160CT	T	127.4/36.0
C624	4030023010	S.CER 0402B104K160CT	T	146.2/36.0
C625	4030023010	S.CER 0402B104K160CT	T	144.7/38.8
C626	4030023010	S.CER 0402B104K160CT	T	143.2/36.0
C627	4030023010	S.CER 0402B104K160CT	T	162.0/36.0
C628	4030023010	S.CER 0402B104K160CT	T	160.5/38.8
C629	4030023010	S.CER 0402B104K160CT	T	159.0/36.0
C630	4030023010	S.CER 0402B104K160CT	T	177.8/36.0
C631	4030023010	S.CER 0402B104K160CT	T	176.3/38.8
C632	4030023010	S.CER 0402B104K160CT	T	174.8/36.0
C633	4030023010	S.CER 0402B104K160CT	T	193.6/36.0
C634	4030023010	S.CER 0402B104K160CT	T	192.1/38.8
C635	4030023010	S.CER 0402B104K160CT	T	190.6/36.0
C636	4030023010	S.CER 0402B104K160CT	T	209.4/36.0
C637	4030023010	S.CER 0402B104K160CT	T	207.9/38.8
C638	4030023010	S.CER 0402B104K160CT	T	206.4/36.0
C639	4030023010	S.CER 0402B104K160CT	T	225.2/36.0
C640	4030023010	S.CER 0402B104K160CT	T	223.7/38.8
C641	4030023010	S.CER 0402B104K160CT	T	222.2/36.0
C642	4030023010	S.CER 0402B104K160CT	T	241.0/36.0
C643	4030023010	S.CER 0402B104K160CT	T	239.5/38.8
C644	4030023010	S.CER 0402B104K160CT	T	238.0/36.0
C645	4030023010	S.CER 0402B104K160CT	T	256.8/36.0
C646	4030023010	S.CER 0402B104K160CT	T	255.3/38.8
C647	4030023010	S.CER 0402B104K160CT	T	253.8/36.0
C651	4010009460	CER CC45SL3FD151JYNNA		
C652	4010009460	CER CC45SL3FD151JYNNA		
C653	4010009460	CER CC45SL3FD151JYNNA		
C654	4010009460	CER CC45SL3FD151JYNNA		
C655	4010009460	CER CC45SL3FD151JYNNA		
C701	4030023010	S.CER 0402B104K160CT	T	60.3/7.8
C702	4030023010	S.CER 0402B104K160CT	T	36.7/8.5
C703	4030023010	S.CER 0402B104K160CT	T	50.2/8.5
C704	4030023010	S.CER 0402B104K160CT	T	63.7/8.5
C711	4030023210	S.CER 0402B472K500CT	T	33.2/20.8
C712	4030023210	S.CER 0402B472K500CT	T	34.6/20.8
C713	4030023210	S.CER 0402B472K500CT	T	36.0/20.8
C714	4030023210	S.CER 0402B472K500CT	T	37.4/20.8
C715	4030023210	S.CER 0402B472K500CT	T	38.8/20.8
C716	4030023210	S.CER 0402B472K500CT	T	40.2/20.8
C717	4030023210	S.CER 0402B472K500CT	T	41.6/20.8
C718	4030023210	S.CER 0402B472K500CT	T	43.0/20.8
C731	4030023210	S.CER 0402B472K500CT	T	46.7/20.8
C732	4030023210	S.CER 0402B472K500CT	T	49.5/20.8
C733	4030023210	S.CER 0402B472K500CT	T	50.9/20.8
C734	4030023210	S.CER 0402B472K500CT	T	48.1/20.8
C735	4030023210	S.CER 0402B472K500CT	T	52.3/20.8
C736	4030023210	S.CER 0402B472K500CT	T	53.7/20.8
C737	4030023210	S.CER 0402B472K500CT	T	55.1/20.8
C738	4030023210	S.CER 0402B472K500CT	T	56.5/20.8
C751	4030023210	S.CER 0402B472K500CT	T	60.2/20.8
C752	4030023210	S.CER 0402B472K500CT	T	61.6/20.8
C753	4030023210	S.CER 0402B472K500CT	T	63.0/20.8
C754	4030023210	S.CER 0402B472K500CT	T	64.4/20.8
C755	4030023210	S.CER 0402B472K500CT	T	65.8/20.8
C756	4030023210	S.CER 0402B472K500CT	T	67.2/20.8
C757	4030023210	S.CER 0402B472K500CT	T	68.6/20.8
C801	4030023010	S.CER 0402B104K160CT	T	21.2/51.3
C802	4030023210	S.CER 0402B472K500CT	T	21.2/54.7
C803	4030023010	S.CER 0402B104K160CT	T	23.3/51.3
C804	4030023210	S.CER 0402B472K500CT	T	23.3/54.7
C805	4030023010	S.CER 0402B104K160CT	T	25.4/51.3
C806	4030023210	S.CER 0402B472K500CT	T	25.4/54.7
C807	4030023010	S.CER 0402B104K160CT	T	27.5/51.3
C808	4030023210	S.CER 0402B472K500CT	T	27.5/54.7
C809	4030023010	S.CER 0402B104K160CT	T	29.6/51.3
C810	4030023210	S.CER 0402B472K500CT	T	29.6/54.7
C811	4030023010	S.CER 0402B104K160CT	T	31.7/51.3
C812	4030023210	S.CER 0402B472K500CT	T	31.6/54.7
C813	4030023010	S.CER 0402B104K160CT	T	33.8/51.3
C814	4030023210	S.CER 0402B472K500CT	T	33.8/54.7
C815	4030023010	S.CER 0402B104K160CT	T	36.0/51.3
C816	4030023210	S.CER 0402B472K500CT	T	36.0/54.7
C817	4030023010	S.CER 0402B104K160CT	T	38.1/51.3
C818	4030023210	S.CER 0402B472K500CT	T	38.1/54.7
C821	4030023010	S.CER 0402B104K160CT	T	43.4/51.0
C822	4030023210	S.CER 0402B472K500CT	T	42.5/55.3
C823	4030023010	S.CER 0402B104K160CT	T	45.8/53.2
C824	4030023210	S.CER 0402B472K500CT	T	44.8/57.6
C825	4030023010	S.CER 0402B104K160CT	T	47.1/53.6
C826	4030023210	S.CER 0402B472K500CT	T	47.1/57.0
C827	4030023010	S.CER 0402B104K160CT	T	50.4/53.2
C828	4030023210	S.CER 0402B472K500CT	T	49.4/57.5
C829	4030023010	S.CER 0402B104K160CT	T	51.7/53.6
C830	4030023210	S.CER 0402B472K500CT	T	51.7/57.0
C831	4030023010	S.CER 0402B104K160CT	T	53.8/53.6
C832	4030023210	S.CER 0402B472K500CT	T	53.8/57.0
C833	4030023010	S.CER 0402B104K160CT	T	55.9/53.6
C834	4030023210	S.CER 0402B472K500CT	T	55.9/57.0
C835	4030023010	S.CER 0402B104K160CT	T	57.9/53.6
C836	4030023210	S.CER 0402B472K500CT	T	57.8/57.0
C837	4030023010	S.CER 0402B104K160CT	T	60.0/53.6
C838	4030023210	S.CER 0402B472K500CT	T	60.0/57.0
C839	4030023010	S.CER 0402B104K160CT	T	62.1/53.6
C840	4030023210	S.CER 0402B472K500CT	T	62.1/57.0
C841	4030023010	S.CER 0402B104K160CT	T	64.2/53.6
C842	4030023210	S.CER 0402B472K500CT	T	64.2/57.0
C843	4030023010	S.CER 0402B104K160CT	T	66.3/53.6

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[TUNER UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C844	4030023210	S.CER 0402B472K500CT	T	66.3/57.0
C845	4030023010	S.CER 0402B104K160CT	T	68.4/53.6
C846	4030023210	S.CER 0402B472K500CT	T	68.4/57.0
C847	4030023010	S.CER 0402B104K160CT	T	70.5/53.6
C848	4030023210	S.CER 0402B472K500CT	T	70.5/57.0
C849	4030023010	S.CER 0402B104K160CT	T	72.7/53.6
C850	4030023210	S.CER 0402B472K500CT	T	72.7/57.0
C851	4030023010	S.CER 0402B104K160CT	T	74.8/53.6
C852	4030023210	S.CER 0402B472K500CT	T	74.8/57.0
C853	4030023010	S.CER 0402B104K160CT	T	76.9/53.6
C854	4030023210	S.CER 0402B472K500CT	T	76.9/57.0
C855	4030023010	S.CER 0402B104K160CT	T	80.3/53.2
C856	4030023210	S.CER 0402B472K500CT	T	79.2/57.7
C857	4030023870	S.CER 0603B104K500CT	T	53.0/38.6
C861	4030023010	S.CER 0402B104K160CT	T	87.4/12.5
C862	4030023010	S.CER 0402B104K160CT	T	86.5/18.1
C901	4030023870	S.CER 0603B104K500CT	T	20.9/14.1
C902	4030023010	S.CER 0402B104K160CT	T	22.7/15.9
C903	4030023870	S.CER 0603B104K500CT	T	20.9/17.6
C904	4030023210	S.CER 0402B472K500CT	T	22.1/48.1
C905	4030023200	S.CER 0402B471K500CT	T	21.2/48.1
C951	4030022860	S.CER 0402N470J500CT	T	17.1/39.0
C952	4030022860	S.CER 0402N470J500CT	T	17.1/37.7
C953	4030022860	S.CER 0402N470J500CT	T	17.1/41.6
C954	4030022860	S.CER 0402N470J500CT	T	17.1/40.3
C955	4030023010	S.CER 0402B104K160CT	T	17.1/35.1
C956	4030023010	S.CER 0402B104K160CT	T	17.1/36.4
C957	4030023010	S.CER 0402B104K160CT	T	17.1/46.8
C958	4030023010	S.CER 0402B104K160CT	T	17.1/45.5
C959	4030023010	S.CER 0402B104K160CT	T	17.1/44.2
C960	4030023010	S.CER 0402B104K160CT	T	17.1/42.9
C961	4030023010	S.CER 0402B104K160CT	T	17.1/33.8
C962	4030023010	S.CER 0402B104K160CT	T	17.1/32.5
C963	4030023010	S.CER 0402B104K160CT	T	16.4/27.9
C964	4030023870	S.CER 0603B104K500CT	T	16.4/23.1
C965	4030024050	S.CER 0603B473K500CT	T	22.5/23.9
C966	4030026860	S.CER CL21A226MAYNNPE	T	20.2/24.7
C967	4030023210	S.CER 0402B472K500CT	T	22.5/27.4
C968	4030026860	S.CER CL21A226MAYNNPE	T	20.2/26.5
RL1	6330002310	REL G2RL-2 DC12		
RL11	6330002310	REL G2RL-2 DC12		
RL12	6330002310	REL G2RL-2 DC12		
RL101	6330002310	REL G2RL-2 DC12		
RL242	6330002310	REL G2RL-2 DC12		
RL301	6330002330	REL G2RL-2A DC12		
RL311	6330002330	REL G2RL-2A DC12		
RL321	6330002330	REL G2RL-2A DC12		
RL331	6330002330	REL G2RL-2A DC12		
RL341	6330002330	REL G2RL-2A DC12		
RL351	6330002330	REL G2RL-2A DC12		
RL361	6330002330	REL G2RL-2A DC12		
RL371	6330002330	REL G2RL-2A DC12		
RL381	6330002330	REL G2RL-2A DC12		
RL401	6330002330	REL G2RL-2A DC12		
RL411	6330002330	REL G2RL-2A DC12		
RL501	6330002330	REL G2RL-2A DC12		
RL511	6330002330	REL G2RL-2A DC12		
RL521	6330002330	REL G2RL-2A DC12		
RL531	6330002330	REL G2RL-2A DC12		
RL541	6330002330	REL G2RL-2A DC12		
RL551	6330002330	REL G2RL-2A DC12		
RL561	6330002330	REL G2RL-2A DC12		
RL571	6330002330	REL G2RL-2A DC12		
RL581	6330002330	REL G2RL-2A DC12		
RL591	6330002330	REL G2RL-2A DC12		
RL601	6330002000	REL G2RL-1A DC12		
RL602	6330002000	REL G2RL-1A DC12		
RL611	6330002000	REL G2RL-1A DC12		
RL612	6330002000	REL G2RL-1A DC12		
J802	6510021722	S.CON 30FLT-SM2-TB(LF)(SN)(M)	T	39.9/38.4
J951	6510035220	S.CON S15B-PH-SM4-TB(LF)(SN)	T	8.0/37.0
DS901	5040003590	S.LED SML-D12P8WT86	T	16.4/14.1
DS902	5040003590	S.LED SML-D12P8WT86	T	16.4/15.9
DS903	5040003590	S.LED SML-D12P8WT86	T	16.4/17.7
DS904	5040003590	S.LED SML-D12P8WT86	T	16.4/19.5
EP1	6910027930	S.E.O TH-1.6-M2	T	49.6/168.5
EP2	6910030580	S.E.O TH-1.6-M3	T	32.0/161.5
EP3	6910030580	S.E.O TH-1.6-M3	T	32.0/175.5
EP11	6910027930	S.E.O TH-1.6-M2	T	318.6/29.6
EP12	6910030580	S.E.O TH-1.6-M3	T	311.6/47.1
EP13	6910030580	S.E.O TH-1.6-M3	T	325.6/47.1
EP951	6910018930	S.BEA MPZ2012S601A	T	16.7/24.7
EP952	6910018930	S.BEA MPZ2012S601A	T	16.7/26.5
EP953	6910023350	S.BEA MMZ1005B601CT	T	19.9/45.5
EP954	6910023350	S.BEA MMZ1005B601CT	T	19.9/46.8

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[ANT-SW UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1130009670	S.IC	BU2092FV-E2	T	104.5/8.6
Q21	1590006360	S.TRA	DTA143XU3T106	T	51.3/8.0
Q22	1590006360	S.TRA	DTA143XU3T106	T	79.3/8.0
Q23	1590006360	S.TRA	DTA143XU3T106	T	70.9/8.0
Q24	1590006360	S.TRA	DTA143XU3T106	T	59.9/8.0
Q25	1590006360	S.TRA	DTA143XU3T106	T	90.4/8.0
Q26	1590006360	S.TRA	DTA143XU3T106	T	116.1/8.0
Q27	1590003490	S.TRA	DTA113ZETL	T	53.6/7.0
Q28	1590003490	S.TRA	DTA113ZETL	T	81.6/7.9
Q29	1590003490	S.TRA	DTA113ZETL	T	73.2/7.5
Q30	1590003490	S.TRA	DTA113ZETL	T	62.2/7.5
Q31	1590003490	S.TRA	DTA113ZETL	T	87.8/8.3
Q32	1590003490	S.TRA	DTA113ZETL	T	118.5/7.5
Q33	1590006360	S.TRA	DTA143XU3T106	T	56.4/8.1
Q34	1590006360	S.TRA	DTA143XU3T106	T	84.2/8.0
Q35	1590006360	S.TRA	DTA143XU3T106	T	75.8/8.0
Q36	1590006360	S.TRA	DTA143XU3T106	T	64.8/8.1
Q37	1590006360	S.TRA	DTA143XU3T106	T	92.9/8.0
Q38	1590006360	S.TRA	DTA143XU3T106	T	121.2/8.1
D11	1750001810	S.DIO	L1SS400T1G	T	55.9/12.9
D12	1750001810	S.DIO	L1SS400T1G	T	55.9/11.6
D13	1750002110	S.DIO	LRB551V-30T1G	T	54.1/9.8
D21	1750001810	S.DIO	L1SS400T1G	T	84.2/13.1
D22	1750001810	S.DIO	L1SS400T1G	T	84.3/11.9
D23	1750002110	S.DIO	LRB551V-30T1G	T	82.0/10.7
D31	1750001810	S.DIO	L1SS400T1G	T	75.4/12.8
D32	1750001810	S.DIO	L1SS400T1G	T	75.9/11.6
D33	1750002110	S.DIO	LRB551V-30T1G	T	73.6/10.3
D41	1750001810	S.DIO	L1SS400T1G	T	64.5/12.9
D42	1750001810	S.DIO	L1SS400T1G	T	64.7/11.6
D43	1750002110	S.DIO	LRB551V-30T1G	T	62.6/10.3
D51	1750001810	S.DIO	L1SS400T1G	T	92.7/11.5
D52	1750001810	S.DIO	L1SS400T1G	T	92.7/12.8
D53	1750002110	S.DIO	LRB551V-30T1G	T	89.8/11.9
D61	1750001810	S.DIO	L1SS400T1G	T	120.0/12.8
D62	1750001810	S.DIO	L1SS400T1G	T	121.0/11.5
D63	1750002110	S.DIO	LRB551V-30T1G	T	119.0/10.3
D101	1750001810	S.DIO	L1SS400T1G	T	66.5/94.7
D102	1750001810	S.DIO	L1SS400T1G	T	44.3/100.8
D103	1750001810	S.DIO	L1SS400T1G	T	20.5/98.8
D201	1750001810	S.DIO	L1SS400T1G	T	110.5/94.3
D202	1750001810	S.DIO	L1SS400T1G	T	93.1/100.7
D203	1750001810	S.DIO	L1SS400T1G	T	84.4/99.6
D301	1750001810	S.DIO	L1SS400T1G	T	150.1/98.1
D302	1750001810	S.DIO	L1SS400T1G	T	131.7/95.8
D303	1750001810	S.DIO	L1SS400T1G	T	128.4/99.6
D401	1750001810	S.DIO	L1SS400T1G	T	66.5/22.4
D402	1750001810	S.DIO	L1SS400T1G	T	49.2/16.1
D403	1750001810	S.DIO	L1SS400T1G	T	40.4/17.4
D501	1750001810	S.DIO	L1SS400T1G	T	110.5/22.4
D502	1750001810	S.DIO	L1SS400T1G	T	93.2/16.1
D503	1750001810	S.DIO	L1SS400T1G	T	84.4/17.4
D601	1750001810	S.DIO	L1SS400T1G	T	150.0/18.7
D602	1750001810	S.DIO	L1SS400T1G	T	137.2/21.1
D603	1750001810	S.DIO	L1SS400T1G	T	128.4/17.4
L51	6200010170	S.COI	AS080447-33N	T	146.5/49.0
L101	6200017680	S.COI	NLV32T-100J-EF	T	65.4/98.2
L102	6200017680	S.COI	NLV32T-100J-EF	T	40.7/99.9
L103	6200017680	S.COI	NLV32T-100J-EF	T	17.6/98.5
L201	6200017680	S.COI	NLV32T-100J-EF	T	110.0/98.3
L202	6200017680	S.COI	NLV32T-100J-EF	T	90.2/100.5
L203	6200017680	S.COI	NLV32T-100J-EF	T	86.6/100.5
L301	6200017680	S.COI	NLV32T-100J-EF	T	146.4/97.8
L302	6200017680	S.COI	NLV32T-100J-EF	T	128.8/95.5
L303	6200017680	S.COI	NLV32T-100J-EF	T	130.6/100.5
L401	6200017680	S.COI	NLV32T-100J-EF	T	65.4/18.8
L402	6200017680	S.COI	NLV32T-100J-EF	T	46.2/16.6
L403	6200017680	S.COI	NLV32T-100J-EF	T	42.6/16.6
L501	6200017680	S.COI	NLV32T-100J-EF	T	109.4/18.8
L502	6200017680	S.COI	NLV32T-100J-EF	T	90.2/16.6
L503	6200017680	S.COI	NLV32T-100J-EF	T	86.6/16.6
L601	6200017680	S.COI	NLV32T-100J-EF	T	149.1/16.4
L602	6200017680	S.COI	NLV32T-100J-EF	T	134.2/21.6
L603	6200017680	S.COI	NLV32T-100J-EF	T	130.6/16.6
R13	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	153.0/6.2
R14	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	154.8/6.2
R15	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	112.0/3.2
R16	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	151.2/6.2
R17	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	155.7/6.2
R19	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	100.0/5.8
R27	7030016250	S.RES	RMC1/16S-220JTH (22)	T	55.9/5.5
R28	7030016250	S.RES	RMC1/16S-220JTH (22)	T	84.2/5.5
R29	7030016250	S.RES	RMC1/16S-220JTH (22)	T	75.6/5.5
R30	7030016250	S.RES	RMC1/16S-220JTH (22)	T	64.5/5.5
R31	7030016250	S.RES	RMC1/16S-220JTH (22)	T	92.8/5.5
R32	7030016250	S.RES	RMC1/16S-220JTH (22)	T	121.2/5.5
R33	7030016250	S.RES	RMC1/16S-220JTH (22)	T	51.3/5.7
R34	7030016250	S.RES	RMC1/16S-220JTH (22)	T	79.5/5.7
R35	7030016250	S.RES	RMC1/16S-220JTH (22)	T	71.0/5.5
R36	7030016250	S.RES	RMC1/16S-220JTH (22)	T	59.9/5.5
R37	7030016250	S.RES	RMC1/16S-220JTH (22)	T	90.3/5.5
R38	7030016250	S.RES	RMC1/16S-220JTH (22)	T	116.1/5.5
R39	7030016150	S.RES	RMC1/16S-100JTH (10)	T	53.6/5.0
R40	7030016150	S.RES	RMC1/16S-100JTH (10)	T	81.9/5.5
R41	7030016150	S.RES	RMC1/16S-100JTH (10)	T	73.3/5.5
R42	7030016150	S.RES	RMC1/16S-100JTH (10)	T	62.2/5.5
R43	7030016150	S.RES	RMC1/16S-100JTH (10)	T	88.0/5.5
R44	7030016150	S.RES	RMC1/16S-100JTH (10)	T	118.4/5.6
R51	7540000330	S.ABS	CSA70-401L-T	T	146.3/43.8
R52	7540000190	ABS	SRYG-2000L		
C3	4030023210	S.CER	0402B472K500CT	T	104.5/4.6
C6	4030023010	S.CER	0402B104K160CT	T	159.6/6.0
C7	4030023010	S.CER	0402B104K160CT	T	158.7/6.0
C8	4030022860	S.CER	0402N470J500CT	T	156.6/6.2
C9	4030022860	S.CER	0402N470J500CT	T	153.9/6.2
C10	4030022860	S.CER	0402N470J500CT	T	152.1/6.2
C11	4030022860	S.CER	0402N470J500CT	T	150.3/6.2
C21	4030023010	S.CER	0402B104K160CT	T	54.7/5.0
C22	4030023010	S.CER	0402B104K160CT	T	83.0/5.0
C23	4030023010	S.CER	0402B104K160CT	T	74.4/5.0
C24	4030023010	S.CER	0402B104K160CT	T	63.3/5.0
C25	4030023010	S.CER	0402B104K160CT	T	89.0/5.0
C26	4030023010	S.CER	0402B104K160CT	T	119.7/5.0
C27	4030023210	S.CER	0402B472K500CT	T	126.0/8.6
C28	4030023010	S.CER	0402B104K160CT	T	52.6/5.0
C29	4030023010	S.CER	0402B104K160CT	T	80.8/5.0
C30	4030023010	S.CER	0402B104K160CT	T	72.2/5.0
C31	4030023010	S.CER	0402B104K160CT	T	61.1/5.0
C32	4030023010	S.CER	0402B104K160CT	T	91.5/5.0
C33	4030023010	S.CER	0402B104K160CT	T	117.3/5.0
C34	4030023210	S.CER	0402B472K500CT	T	124.2/8.5
C101	4030023210	S.CER	0402B472K500CT	T	65.0/101.2
C102	4030023210	S.CER	0402B472K500CT	T	64.3/94.7
C103	4030023210	S.CER	0402B472K500CT	T	14.9/99.3
C104	4030023210	S.CER	0402B472K500CT	T	44.0/98.8
C105	4030023210	S.CER	0402B472K500CT	T	22.7/99.2
C106	4030023010	S.CER	0402B104K160CT	T	65.3/94.7
C107	4030023010	S.CER	0402B104K160CT	T	44.0/99.7
C108	4030023010	S.CER	0402B104K160CT	T	21.7/99.2
C109	4030023210	S.CER	0402B472K500CT	T	38.0/99.9
C110	4030021200	S.CER	GRM31A5C2J120JW01D	T	51.8/89.2
C201	4030023210	S.CER	0402B472K500CT	T	107.0/100.7
C202	4030023210	S.CER	0402B472K500CT	T	108.3/94.7
C203	4030023210	S.CER	0402B472K500CT	T	84.4/101.8
C204	4030023210	S.CER	0402B472K500CT	T	92.6/98.8
C205	4030023210	S.CER	0402B472K500CT	T	82.2/99.2
C206	4030023010	S.CER	0402B104K160CT	T	109.2/94.7
C207	4030023010	S.CER	0402B104K160CT	T	92.6/99.7
C208	4030023010	S.CER	0402B104K160CT	T	83.2/99.2
C209	4030023210	S.CER	0402B472K500CT	T	93.6/102.2
C210	4030024620	S.CER	GRM31A5C2J6R0DW01D	T	95.8/89.2
C301	4030023210	S.CER	0402B472K500CT	T	149.6/99.5
C302	4030023210	S.CER	0402B472K500CT	T	149.6/96.1
C303	4030023210	S.CER	0402B472K500CT	T	128.5/101.8
C304	4030023210	S.CER	0402B472K500CT	T	131.3/93.8
C305	4030023210	S.CER	0402B472K500CT	T	126.2/99.2
C306	4030023010	S.CER	0402B104K160CT	T	149.6/97.0
C307	4030023010	S.CER	0402B104K160CT	T	131.3/94.7
C308	4030023010	S.CER	0402B104K160CT	T	127.2/99.2
C309	4030023210	S.CER	0402B472K500CT	T	130.9/97.4
C401	4030023210	S.CER	0402B472K500CT	T	64.1/15.9
C402	4030023210	S.CER	0402B472K500CT	T	64.3/22.4
C403	4030023210	S.CER	0402B472K500CT	T	40.5/15.3
C404	4030023210	S.CER	0402B472K500CT	T	48.7/18.3
C405	4030023210	S.CER	0402B472K500CT	T	38.2/17.9
C406	4030023010	S.CER	0402B104K160CT	T	65.3/22.4
C407	4030023010	S.CER	0402B104K160CT	T	48.7/17.3
C408	4030023010	S.CER	0402B104K160CT	T	39.2/17.9
C409	4030023210	S.CER	0402B472K500CT	T	48.7/14.8
C410	4030024670	S.CER	GRM31A5C2J9R0DW01D	T	51.8/27.8
C501	4030023210	S.CER	0402B472K500CT	T	109.0/16.2
C502	4030023210	S.CER	0402B472K500CT	T	108.3/22.4
C503	4030023210	S.CER	0402B472K500CT	T	84.5/15.3
C504	4030023210	S.CER	0402B472K500CT	T	92.7/18.3
C505	4030023210	S.CER	0402B472K500CT	T	82.2/17.9
C506	4030023010	S.CER	0402B104K160CT	T	109.3/22.4
C507	4030023010	S.CER	0402B104K160CT	T	92.7/17.3
C508	4030023010	S.CER	0402B104K160CT	T	83.2/17.9
C509	4030023210	S.CER	0402B472K500CT	T	92.7/14.8
C601	4030023210	S.CER	0402B472K500CT	T	145.9/17.4
C602	4030023210	S.CER	0402B472K500CT	T	150.3/20.8
C603	4030023210	S.CER	0402B472K500CT	T	128.5/15.2
C604	4030023210	S.CER	0402B472K500CT	T	136.7/23.3
C605	4030023210	S.CER	0402B472K500CT	T	126.2/17.9
C606	4030023010	S.CER	0402B104K160CT	T	150.3/19.9
C607	4030023010	S.CER	0402B104K160CT	T	136.7/22.3
C608	4030023010	S.CER	0402B104K160CT	T	127.2/17.9
C609	4030023210	S.CER	0402B472K500CT	T	136.7/19.8
RL101	6310000070	S.REL	G6K-2F-Y-TR DC3V	T	57.9/95.8
RL102	6330001050	REL	G2R-1-E DC12V		
RL103	6330001050	REL	G2R-1-E DC12V		
RL201	6310000070	S.REL	G6K-2F-Y-TR DC3V	T	101.9/95.8
RL202	6330001050	REL	G2R-1-E DC12V		
RL203	6330001050	REL	G2R-1-E DC12V		
RL301	6310000070	S.REL	G6K-2F-Y-TR DC3V	T	145.8/90.3
RL302	6330001050	REL	G2R-1-E DC12V		
RL303	6330001050	REL	G2R-1-E DC12V		
RL401	6310000070	S.REL	G6K-2F-Y-TR DC3V	T	57.8/21.1
RL402	6330001050	REL	G2R-1-E DC12V		
RL403	6330001050	REL	G2R-1-E DC12V		

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[ANT-SW UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
RL501	6310000070	S.REL	G6K-2F-Y-TR DC3V	T	101.8/21.1
RL502	6330001050	REL	G2R-1-E DC12V		
RL503	6330001050	REL	G2R-1-E DC12V		
RL601	6310000070	S.REL	G6K-2F-Y-TR DC3V	T	145.8/26.1
RL602	6330001050	REL	G2R-1-E DC12V		
RL603	6330001050	REL	G2R-1-E DC12V		
J3	6510022022	S.CON	14FLT-SM2-TB(LF)(SN)(M)	T	155.4/9.7
J11	6450003020	CON	TNC-R-S-AI		
J51	6510028210	CON	SJ050010 (TMP-J01X-V6)		
EP5	6910019900	S.BEA	MPZ1608S601AT	T	128.9/7.4
EP11	6910030590	S.E.O	TH-1.6-5.0-M2	T	50.3/64.9
EP12	6910030590	S.E.O	TH-1.6-5.0-M2	T	37.6/64.9
EP13	6910030590	S.E.O	TH-1.6-5.0-M2	T	37.6/52.2
EP14	6910030590	S.E.O	TH-1.6-5.0-M2	T	50.3/52.2
EP21	6910019900	S.BEA	MPZ1608S601AT	T	128.9/8.6
EP22	6910019900	S.BEA	MPZ1608S601AT	T	128.9/9.8

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(Amended page)

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[SD UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R1	7030016520	S.RES RMC1/16S-270JTH (27)	T	33.0/10.0
R2	7030016520	S.RES RMC1/16S-270JTH (27)	T	33.0/12.5
R3	7030016520	S.RES RMC1/16S-270JTH (27)	T	33.0/13.8
R5	7030016520	S.RES RMC1/16S-270JTH (27)	T	33.0/22.5
R6	7030015920	S.RES RMC1/16S-221JTH (220)	T	16.9/33.4
R7	7030016520	S.RES RMC1/16S-270JTH (27)	T	33.0/25.0
R8	7030016520	S.RES RMC1/16S-270JTH (27)	T	33.0/26.2
R9	7030015920	S.RES RMC1/16S-221JTH (220)	T	11.9/33.4
C41	4030023820	S.CER 0603B104K250CT	T	34.6/16.2
C42	4030019560	S.CER GRM21BB31C106KE15L	T	33.0/16.2
J1	6510034190	S.CON DM1AA-SF-PEJ(82)	T	15.3/18.6
J2	6510024522	S.CON 12FLT-SM2-TB(LF)(SN)(M)	T	37.7/17.0
EP4	6910019900	S.BEA MPZ1608S601AT	T	33.5/18.7

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[PA-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
L351	6140006110	COI LR-663		
L352	6140006120	COI LR-638		
L353	6110004500	COI LA-668		
L354	6110004500	COI LA-668		
L355	6140006080	COI LR-660		
C353	4030025210	S.CER GQM22M5C2H101JB01L	T	14.4/95.7
C354	4030025210	S.CER GQM22M5C2H101JB01L	T	14.4/66.6
C357	4010009590	CER CC45SL3JD100JYNNA		
C358	4010009590	CER CC45SL3JD100JYNNA		
C359	4010009590	CER CC45SL3JD100JYNNA		
C360	4030021300	S.CER GQM22M5C2H330JB01L	T	45.5/104.3
C363	4030025210	S.CER GQM22M5C2H101JB01L	T	26.3/95.7
C364	4010009580	CER CC45SL3JD120JYNNA		
C365	4010009590	CER CC45SL3JD100JYNNA		
C367	4030021350	S.CER GQM22M5C2H270JB01L	T	76.4/104.3
C368	4030021280	S.CER GQM22M5C2H180JB01L	T	78.8/102.0
C369	4010008921	CER CC45SL3JD050DYNNA		
C373	4030025210	S.CER GQM22M5C2H101JB01L	T	26.3/66.6
C401	4510011540	S.ELE 80 CE 470 LX T	T	89.9/23.0
C402	4510011540	S.ELE 80 CE 470 LX T	T	67.4/21.0
C403	4510011540	S.ELE 80 CE 470 LX T	T	47.4/21.0
C404	4510011540	S.ELE 80 CE 470 LX T	T	27.4/21.0
C407	4030027600	S.CER GRM43DR72J104KW01L	T	98.0/34.9
C408	4030021230	S.CER GRM31B5C2J102JW01L	T	97.8/38.2
W331	7120000480	S.JUM MJP-0.4-T	T	10.4/99.0
W341	7120000480	S.JUM MJP-0.4-T	T	10.4/63.3
EP301	6910027930	S.E.O TH-1.6-M2	T	82.9/108.9
EP302	6910030580	S.E.O TH-1.6-M3	T	100.4/101.9
EP303	6910030580	S.E.O TH-1.6-M3	T	100.4/115.9
EP425	6910030600	S.E.O TH-0.8-4.5-M4	T	8.9/28.8
EP426	6910030600	S.E.O TH-0.8-4.5-M4	T	8.9/10.5

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[JOINT UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C5	4050000240	S.FEE NFM18PC104R1C3D	T	47.2/19.0
C8	4050000240	S.FEE NFM18PC104R1C3D	T	44.2/19.0
C15	4050000240	S.FEE NFM18PC104R1C3D	T	38.2/19.0
C16	4050000300	S.FEE CNF10C470S-TMN	T	36.5/19.0
C17	4050000240	S.FEE NFM18PC104R1C3D	T	34.8/19.0
C18	4050000300	S.FEE CNF10C470S-TMN	T	33.1/19.0
C20	4050000300	S.FEE CNF10C470S-TMN	T	29.7/19.0
C21	4050000240	S.FEE NFM18PC104R1C3D	T	28.0/19.0
C22	4050000300	S.FEE CNF10C470S-TMN	T	26.3/19.0
C23	4050000240	S.FEE NFM18PC104R1C3D	T	24.6/19.0
C24	4050000240	S.FEE NFM18PC104R1C3D	T	23.1/19.0
C25	4050000300	S.FEE CNF10C470S-TMN	T	21.4/19.0
C26	4050000240	S.FEE NFM18PC104R1C3D	T	19.7/19.0
C28	4050000240	S.FEE NFM18PC104R1C3D	T	18.2/19.0
C30	4050000240	S.FEE NFM18PC104R1C3D	T	16.7/19.0
C31	4050000300	S.FEE CNF10C470S-TMN	T	15.0/19.0
C32	4050000300	S.FEE CNF10C470S-TMN	T	13.0/19.0
C33	4050000300	S.FEE CNF10C470S-TMN	T	11.0/19.0
C34	4050000300	S.FEE CNF10C470S-TMN	T	9.0/19.0
C35	4050000300	S.FEE CNF10C470S-TMN	T	7.0/19.0
C36	4050000300	S.FEE CNF10C470S-TMN	T	5.0/19.0
C38	4050000240	S.FEE NFM18PC104R1C3D	T	1.8/19.0
J1	6510035270	S.CON 046240-040-003-800/+	T	22.0/31.8
J2	6510035270	S.CON 046240-040-003-800/+	T	22.0/6.2

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

[CONNECT-A UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC301	1130021430	S.IC	74VHC04FT(BJ)	T	64.5/12.8
IC1301	1130012720	S.IC	CD74HC4094PWR	T	178.0/4.0
IC1302	1130012720	S.IC	CD74HC4094PWR	T	200.0/4.0
IC1303	1130012720	S.IC	CD74HC4094PWR	T	222.0/4.0
IC1501	1180005420	S.REG	KIA78M12F-RTF/P	T	242.3/4.1
IC1551	1180005420	S.REG	KIA78M12F-RTF/P	T	144.0/22.5
Q201	1530004140	S.TRA	L2SC4081RT1G	T	70.2/28.5
Q202	1530004140	S.TRA	L2SC4081RT1G	T	133.4/27.9
Q207	1590004690	S.TRA	LDTC143ZET1G	T	124.5/8.1
Q208	1590004690	S.TRA	LDTC143ZET1G	T	116.5/8.1
Q209	1590004690	S.TRA	LDTC143ZET1G	T	49.8/7.4
Q210	1590004690	S.TRA	LDTC143ZET1G	T	132.5/8.1
Q305	1510001200	S.TRA	L2SA1576ART1G	T	70.5/17.9
Q306	1510001200	S.TRA	L2SA1576ART1G	T	62.7/17.9
Q308	1530004140	S.TRA	L2SC4081RT1G	T	66.9/19.1
Q309	1530004140	S.TRA	L2SC4081RT1G	T	59.1/19.1
Q1101	1590004060	S.TRA	LDTC114EET1G	T	151.8/10.0
Q1103	1590004310	S.TRA	LDTA114EET1G	T	149.8/10.0
Q1104	1510001300	S.TRA	2SAR553P5T100	T	151.0/21.7
Q1105	1530004620	S.TRA	2SCR553P5T100	T	151.0/14.9
Q1111	1590004060	S.TRA	LDTC114EET1G	T	156.8/10.0
Q1113	1590004310	S.TRA	LDTA114EET1G	T	154.8/10.0
Q1114	1510001300	S.TRA	2SAR553P5T100	T	156.0/21.7
Q1115	1530004620	S.TRA	2SCR553P5T100	T	156.0/14.9
Q1121	1590004060	S.TRA	LDTC114EET1G	T	161.8/10.0
Q1123	1590004310	S.TRA	LDTA114EET1G	T	159.8/10.0
Q1124	1510001300	S.TRA	2SAR553P5T100	T	161.0/21.7
Q1125	1530004620	S.TRA	2SCR553P5T100	T	161.0/14.9
Q1131	1590004060	S.TRA	LDTC114EET1G	T	166.8/10.0
Q1133	1590004310	S.TRA	LDTA114EET1G	T	164.8/10.0
Q1134	1510001300	S.TRA	2SAR553P5T100	T	166.0/21.7
Q1135	1530004620	S.TRA	2SCR553P5T100	T	166.0/14.9
Q1141	1590004060	S.TRA	LDTC114EET1G	T	171.8/10.0
Q1143	1590004310	S.TRA	LDTA114EET1G	T	169.8/10.0
Q1144	1510001300	S.TRA	2SAR553P5T100	T	171.0/21.7
Q1145	1530004620	S.TRA	2SCR553P5T100	T	171.0/14.9
Q1151	1590004060	S.TRA	LDTC114EET1G	T	176.8/10.0
Q1153	1590004310	S.TRA	LDTA114EET1G	T	174.8/10.0
Q1154	1510001300	S.TRA	2SAR553P5T100	T	176.0/21.7
Q1155	1530004620	S.TRA	2SCR553P5T100	T	176.0/14.9
Q1161	1590004060	S.TRA	LDTC114EET1G	T	181.8/10.0
Q1163	1590004310	S.TRA	LDTA114EET1G	T	179.8/10.0
Q1164	1510001300	S.TRA	2SAR553P5T100	T	181.0/21.7
Q1165	1530004620	S.TRA	2SCR553P5T100	T	181.0/14.9
Q1171	1590004060	S.TRA	LDTC114EET1G	T	186.8/10.0
Q1173	1590004310	S.TRA	LDTA114EET1G	T	184.8/10.0
Q1174	1510001300	S.TRA	2SAR553P5T100	T	186.0/21.7
Q1175	1530004620	S.TRA	2SCR553P5T100	T	186.0/14.9
Q1181	1590004060	S.TRA	LDTC114EET1G	T	191.8/10.0
Q1183	1590004310	S.TRA	LDTA114EET1G	T	189.8/10.0
Q1184	1510001300	S.TRA	2SAR553P5T100	T	191.0/21.7
Q1185	1530004620	S.TRA	2SCR553P5T100	T	191.0/14.9
Q1191	1590004060	S.TRA	LDTC114EET1G	T	196.8/10.0
Q1192	1560002190	S.FET	RUM002N02T2L	T	199.0/8.8
Q1193	1590004310	S.TRA	LDTA114EET1G	T	194.8/10.0
Q1194	1510001300	S.TRA	2SAR553P5T100	T	196.0/21.7
Q1195	1530004620	S.TRA	2SCR553P5T100	T	196.0/14.9
Q1201	1590004060	S.TRA	LDTC114EET1G	T	204.3/10.0
Q1203	1590004310	S.TRA	LDTA114EET1G	T	202.3/10.0
Q1204	1510001300	S.TRA	2SAR553P5T100	T	203.5/21.7
Q1205	1530004620	S.TRA	2SCR553P5T100	T	203.5/14.9
Q1211	1590004060	S.TRA	LDTC114EET1G	T	209.3/10.0
Q1213	1590004310	S.TRA	LDTA114EET1G	T	207.3/10.0
Q1214	1510001300	S.TRA	2SAR553P5T100	T	208.5/21.7
Q1215	1530004620	S.TRA	2SCR553P5T100	T	208.5/14.9
Q1221	1590004060	S.TRA	LDTC114EET1G	T	214.3/10.0
Q1223	1590004310	S.TRA	LDTA114EET1G	T	212.3/10.0
Q1224	1510001300	S.TRA	2SAR553P5T100	T	213.5/21.7
Q1225	1530004620	S.TRA	2SCR553P5T100	T	213.5/14.9
Q1231	1590004060	S.TRA	LDTC114EET1G	T	219.3/10.0
Q1233	1590004310	S.TRA	LDTA114EET1G	T	217.3/10.0
Q1234	1510001300	S.TRA	2SAR553P5T100	T	218.5/21.7
Q1235	1530004620	S.TRA	2SCR553P5T100	T	218.5/14.9
Q1241	1590004060	S.TRA	LDTC114EET1G	T	224.3/10.0
Q1243	1590004310	S.TRA	LDTA114EET1G	T	222.3/10.0
Q1244	1510001300	S.TRA	2SAR553P5T100	T	223.5/21.7
Q1245	1530004620	S.TRA	2SCR553P5T100	T	223.5/14.9
Q1251	1590004060	S.TRA	LDTC114EET1G	T	229.3/10.0
Q1253	1590004310	S.TRA	LDTA114EET1G	T	227.3/10.0
Q1254	1510001300	S.TRA	2SAR553P5T100	T	228.5/21.7
Q1255	1530004620	S.TRA	2SCR553P5T100	T	228.5/14.9
Q1261	1590004060	S.TRA	LDTC114EET1G	T	234.3/10.0
Q1263	1590004310	S.TRA	LDTA114EET1G	T	232.3/10.0
Q1264	1510001300	S.TRA	2SAR553P5T100	T	233.5/21.7
Q1265	1530004620	S.TRA	2SCR553P5T100	T	233.5/14.9
Q1271	1590004060	S.TRA	LDTC114EET1G	T	239.3/10.0
Q1273	1590004310	S.TRA	LDTA114EET1G	T	237.3/10.0
Q1274	1510001300	S.TRA	2SAR553P5T100	T	238.5/21.7
Q1275	1530004620	S.TRA	2SCR553P5T100	T	238.5/14.9
Q1281	1590004060	S.TRA	LDTC114EET1G	T	244.3/10.0
Q1283	1590004310	S.TRA	LDTA114EET1G	T	242.3/10.0
Q1284	1510001300	S.TRA	2SAR553P5T100	T	243.5/21.7
Q1285	1530004620	S.TRA	2SCR553P5T100	T	243.5/14.9
Q1291	1590004060	S.TRA	LDTC114EET1G	T	249.3/10.0
Q1292	1560002190	S.FET	RUM002N02T2L	T	251.9/10.5
Q1293	1590004310	S.TRA	LDTA114EET1G	T	247.3/10.0
Q1294	1510001300	S.TRA	2SAR553P5T100	T	248.5/21.7
Q1295	1530004620	S.TRA	2SCR553P5T100	T	248.5/14.9

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
D102	1750004300	S.DIO	RBR3LAM40CTR	T	88.7/15.7
D103	1750004300	S.DIO	RBR3LAM40CTR	T	88.7/18.8
D105	1750001820	S.DIO	LRB706F-40T1G	T	96.2/17.2
D107	1750001820	S.DIO	LRB706F-40T1G	T	25.4/13.0
D108	1730003200	S.ZEN	UDZVTE-173.0B	T	96.0/19.4
D110	1730003200	S.ZEN	UDZVTE-173.0B	T	25.2/15.2
D111	1750003510	S.ZEN	TPSMD15A	T	65.5/5.5
D201	1750001810	S.DIO	L1SS400T1G	T	64.9/29.2
D203	1750001810	S.DIO	L1SS400T1G	T	136.6/29.6
D205	1750001810	S.DIO	L1SS400T1G	T	126.9/7.7
D206	1750001810	S.DIO	L1SS400T1G	T	118.9/7.7
D207	1750001810	S.DIO	L1SS400T1G	T	52.0/8.1
D208	1750001810	S.DIO	L1SS400T1G	T	134.9/7.7
D302	1750001810	S.DIO	L1SS400T1G	T	68.7/21.5
D303	1750001810	S.DIO	L1SS400T1G	T	60.8/21.4
L1301	6200017680	S.COI	NLV32T-100J-EF	T	160.7/4.1
R104	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	98.1/17.7
R105	7030016420	S.RES	RMC1/16S-182JTH (1.8 k)	T	98.1/19.8
R107	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	27.3/13.5
R108	7030016420	S.RES	RMC1/16S-182JTH (1.8 k)	T	27.3/15.6
R201	7030015960	S.RES	RMC1/16S-472JTH (4.7 k)	T	72.0/28.1
R202	7030015960	S.RES	RMC1/16S-472JTH (4.7 k)	T	132.4/29.6
R205	7030016330	S.RES	RMC1/16S-153JTH (15 k)	T	68.3/28.7
R206	7030016330	S.RES	RMC1/16S-153JTH (15 k)	T	135.3/27.7
R207	7030016340	S.RES	RMC1/16S-393JTH (39 k)	T	67.4/28.7
R208	7030016340	S.RES	RMC1/16S-393JTH (39 k)	T	136.2/27.7
R211	7030015930	S.RES	RMC1/16S-471JTH (470)	T	66.5/28.7
R213	7030015930	S.RES	RMC1/16S-471JTH (470)	T	134.6/29.6
R215	7030015920	S.RES	RMC1/16S-221JTH (220)	T	127.3/6.6
R216	7030015920	S.RES	RMC1/16S-221JTH (220)	T	119.3/6.6
R217	7030015920	S.RES	RMC1/16S-221JTH (220)	T	53.7/7.2
R218	7030015920	S.RES	RMC1/16S-221JTH (220)	T	135.3/6.6
R221	7540000380	S.ABS	EZAEG2A50AX	T	75.1/29.3
R222	7540000380	S.ABS	EZAEG2A50AX	T	155.1/29.5
R301	7030016250	S.RES	RMC1/16S-220JTH (22)	T	69.8/14.1
R302	7030016250	S.RES	RMC1/16S-220JTH (22)	T	69.8/11.4
R303	7030016250	S.RES	RMC1/16S-220JTH (22)	T	59.3/14.8
R304	7030016250	S.RES	RMC1/16S-220JTH (22)	T	59.3/12.1
R305	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	69.8/12.3
R306	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	59.3/13.0
R309	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	69.8/13.2
R310	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	59.3/13.9
R313	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	70.7/19.8
R314	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	71.0/16.1
R315	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	62.9/19.8
R316	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	63.1/16.1
R317	7030016360	S.RES	RMC1/16S-123JTH (12 k)	T	67.7/15.7
R318	7030016360	S.RES	RMC1/16S-123JTH (12 k)	T	59.3/15.7
R319	7030016380	S.RES	RMC1/16S-183JTH (18 k)	T	70.7/20.7
R320	7030016380	S.RES	RMC1/16S-183JTH (18 k)	T	62.9/20.7
R431	7540000380	S.ABS	EZAEG2A50AX	T	29.8/20.9
R441	7540000380	S.ABS	EZAEG2A50AX	T	109.1/21.8
R502	7030015910	S.RES	RMC1/16S-101JTH (100)	T	16.2/8.7
R504	7030015910	S.RES	RMC1/16S-101JTH (100)	T	17.2/8.7
R506	7030015910	S.RES	RMC1/16S-101JTH (100)	T	18.2/8.7
R508	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.2/8.7
R615	7030015910	S.RES	RMC1/16S-101JTH (100)	T	95.8/10.1
R617	7030015910	S.RES	RMC1/16S-101JTH (100)	T	96.8/10.1
R621	7030015910	S.RES	RMC1/16S-101JTH (100)	T	98.8/10.1
R623	7030015910	S.RES	RMC1/16S-101JTH (100)	T	99.8/10.1
R624	7030015910	S.RES	RMC1/16S-101JTH (100)	T	100.3/4.0
R626	7030015910	S.RES	RMC1/16S-101JTH (100)	T	101.3/4.0
R628	7030015910	S.RES	RMC1/16S-101JTH (100)	T	102.3/4.0
R630	7030015910	S.RES	RMC1/16S-101JTH (100)	T	103.3/4.0
R631	7030015910	S.RES	RMC1/16S-101JTH (100)	T	103.8/10.1
R632	7030015910	S.RES	RMC1/16S-101JTH (100)	T	104.3/4.0
R633	7030015910	S.RES	RMC1/16S-101JTH (100)	T	104.8/10.1
R634	7030015910	S.RES	RMC1/16S-101JTH (100)	T	105.3/4.0
R635	7030015910	S.RES	RMC1/16S-101JTH (100)	T	105.8/10.1
R636	7030015910	S.RES	RMC1/16S-101JTH (100)	T	106.3/4.0
R1101	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	150.3/18.6
R1102	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	152.1/18.6
R1103	7030015930	S.RES	RMC1/16S-471JTH (470)	T	150.3/11.8
R1104	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	151.9/11.8
R1111	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	155.3/18.6
R1112	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	157.1/18.6
R1113	7030015930	S.RES	RMC1/16S-471JTH (470)	T	155.3/11.8
R1114	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	156.9/11.8
R1121	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	160.3/18.6
R1122	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	162.1/18.6
R1123	7030015930	S.RES	RMC1/16S-471JTH (470)	T	160.3/11.8
R1124	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	161.9/11.8
R1131	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	165.3/18.6
R1132	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	167.1/18.6
R1133	7030015930	S.RES	RMC1/16S-471JTH (470)	T	165.3/11.8
R1134	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	166.9/11.8
R1141	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	170.3/18.6
R1142	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	172.1/18.6
R1143	7030015930	S.RES	RMC1/16S-471JTH (470)	T	170.3/11.8
R1144	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	171.9/11.8
R1151	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	175.3/18.6
R1152	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	177.1/18.6
R1153	7030015930	S.RES	RMC1/16S-471JTH (470)	T	175.3/11.8
R1154	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	176.9/11.8
R1161	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	180.3/18.6
R1162	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	182.1/18.6
R1163	7030015930	S.RES	RMC1/16S-471JTH (470)	T	180.3/11.8

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

[CONNECT-A UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R1164	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	181.9/11.8
R1171	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	185.3/18.6
R1172	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	187.1/18.6
R1173	7030015930	S.RES RMC1/16S-471JTH (470)	T	185.3/11.8
R1174	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	186.9/11.8
R1181	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	190.3/18.6
R1182	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	192.1/18.6
R1183	7030015930	S.RES RMC1/16S-471JTH (470)	T	190.3/11.8
R1184	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	191.9/11.8
R1191	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	195.3/18.6
R1192	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	197.1/18.6
R1193	7030015930	S.RES RMC1/16S-471JTH (470)	T	195.3/11.8
R1194	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	196.9/11.8
R1201	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	202.8/18.6
R1202	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	204.6/18.6
R1203	7030015930	S.RES RMC1/16S-471JTH (470)	T	202.7/11.8
R1204	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	204.4/11.8
R1211	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	207.8/18.6
R1212	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	209.6/18.6
R1213	7030015930	S.RES RMC1/16S-471JTH (470)	T	207.8/11.8
R1214	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	209.4/11.8
R1221	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	212.8/18.6
R1222	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	214.6/18.6
R1223	7030015930	S.RES RMC1/16S-471JTH (470)	T	212.8/11.8
R1224	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	214.4/11.8
R1231	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	217.8/18.6
R1232	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	219.6/18.6
R1233	7030015930	S.RES RMC1/16S-471JTH (470)	T	217.8/11.8
R1234	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	219.4/11.8
R1241	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	222.8/18.6
R1242	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	224.6/18.6
R1243	7030015930	S.RES RMC1/16S-471JTH (470)	T	222.8/11.8
R1244	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	224.4/11.8
R1251	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	227.8/18.6
R1252	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	229.6/18.6
R1253	7030015930	S.RES RMC1/16S-471JTH (470)	T	227.8/11.8
R1254	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	229.4/11.8
R1261	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	232.8/18.6
R1262	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	234.6/18.6
R1263	7030015930	S.RES RMC1/16S-471JTH (470)	T	232.8/11.8
R1264	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	234.4/11.8
R1271	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	237.8/18.6
R1272	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	239.6/18.6
R1273	7030015930	S.RES RMC1/16S-471JTH (470)	T	237.8/11.8
R1274	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	239.4/11.8
R1281	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	242.8/18.6
R1282	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	244.6/18.6
R1283	7030015930	S.RES RMC1/16S-471JTH (470)	T	242.8/11.8
R1284	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	244.4/11.8
R1291	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	247.8/18.6
R1292	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	249.6/18.6
R1293	7030015930	S.RES RMC1/16S-471JTH (470)	T	247.8/11.8
R1294	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	249.4/11.8
R1301	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	165.7/3.5
R1302	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	165.7/6.2
R1303	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	165.7/5.3
R1304	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	165.7/4.4
R1305	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	165.7/7.1
R1306	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	165.7/2.6
R1316	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	229.9/3.3
R1324	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	193.0/1.6
R1332	7030015930	S.RES RMC1/16S-471JTH (470)	T	170.1/4.7
R1333	7030015930	S.RES RMC1/16S-471JTH (470)	T	170.1/3.8
R1334	7030015930	S.RES RMC1/16S-471JTH (470)	T	170.1/2.9
R1335	7030015930	S.RES RMC1/16S-471JTH (470)	T	170.1/2.0
R1336	7030015930	S.RES RMC1/16S-471JTH (470)	T	186.0/5.2
R1337	7030015930	S.RES RMC1/16S-471JTH (470)	T	186.0/4.3
R1338	7030015930	S.RES RMC1/16S-471JTH (470)	T	186.0/3.4
R1339	7030015930	S.RES RMC1/16S-471JTH (470)	T	186.0/2.5
R1340	7030015930	S.RES RMC1/16S-471JTH (470)	T	191.5/5.2
R1341	7030015930	S.RES RMC1/16S-471JTH (470)	T	191.5/4.3
R1342	7030015930	S.RES RMC1/16S-471JTH (470)	T	191.5/3.4
R1343	7030015930	S.RES RMC1/16S-471JTH (470)	T	191.5/2.5
R1344	7030015930	S.RES RMC1/16S-471JTH (470)	T	208.0/4.7
R1345	7030015930	S.RES RMC1/16S-471JTH (470)	T	208.0/3.8
R1346	7030015930	S.RES RMC1/16S-471JTH (470)	T	208.0/2.9
R1347	7030015930	S.RES RMC1/16S-471JTH (470)	T	208.0/2.0
R1348	7030015930	S.RES RMC1/16S-471JTH (470)	T	214.1/4.7
R1349	7030015930	S.RES RMC1/16S-471JTH (470)	T	214.1/3.8
R1350	7030015930	S.RES RMC1/16S-471JTH (470)	T	214.1/2.9
R1351	7030015930	S.RES RMC1/16S-471JTH (470)	T	214.1/2.0
R1352	7030015930	S.RES RMC1/16S-471JTH (470)	T	229.9/5.1
R1353	7030015930	S.RES RMC1/16S-471JTH (470)	T	229.9/4.2
C201	4030025370	S.CER GRM033R61C104KE14D	T	125.5/6.9
C202	4030025370	S.CER GRM033R61C104KE14D	T	51.2/7.0
C203	4030025370	S.CER GRM033R61C104KE14D	T	126.9/8.8
C204	4030025370	S.CER GRM033R61C104KE14D	T	133.5/6.9
C205	4030025370	S.CER GRM033R61C104KE14D	T	51.5/9.0
C206	4030025370	S.CER GRM033R61C104KE14D	T	134.9/8.8
C208	4030025370	S.CER GRM033R61C104KE14D	T	117.5/6.9
C209	4030025370	S.CER GRM033R61C104KE14D	T	118.9/8.8
C301	4030022160	S.CER GRM033B31A104KE84D	T	62.7/9.7
C302	4030026000	S.CER GRM033R71E332KA12D	T	66.9/17.4
C303	4030026000	S.CER GRM033R71E332KA12D	T	59.1/17.4
C305	4030022100	S.CER GRM0332C1H100JA01D	T	68.2/20.5
C306	4030022100	S.CER GRM0332C1H100JA01D	T	60.2/20.4
C308	4030022140	S.CER GRM033B31H102KA12D	T	44.3/27.7
C309	4030022140	S.CER GRM033B31H102KA12D	T	124.3/27.7
C431	4030022150	S.CER GRM033B31E103KA12D	T	28.0/20.0
C433	4030022150	S.CER GRM033B31E103KA12D	T	29.0/21.1
C435	4030022150	S.CER GRM033B31E103KA12D	T	105.3/20.0
C436	4030022150	S.CER GRM033B31E103KA12D	T	108.0/21.1
C502	4030022120	S.CER GRM0332C1H470JA01D	T	16.2/10.7
C504	4030022120	S.CER GRM0332C1H470JA01D	T	17.2/10.7
C506	4030022120	S.CER GRM0332C1H470JA01D	T	18.2/10.7
C508	4030022120	S.CER GRM0332C1H470JA01D	T	19.2/10.7
C509	4030022160	S.CER GRM033B31A104KE84D	T	20.3/11.5
C512	4030025370	S.CER GRM033R61C104KE14D	T	21.7/11.5
C602	4030025370	S.CER GRM033R61C104KE14D	T	88.1/13.3
C606	4030025370	S.CER GRM033R61C104KE14D	T	89.6/13.3
C608	4030022160	S.CER GRM033B31A104KE84D	T	86.6/13.3
C615	4030025370	S.CER GRM033R61C104KE14D	T	95.8/12.1
C616	4030025300	S.CER GRM0332C1H221JA01D	T	96.3/1.9
C617	4030022160	S.CER GRM033B31A104KE84D	T	96.8/12.1
C618	4030025300	S.CER GRM0332C1H221JA01D	T	97.3/1.9
C620	4030025300	S.CER GRM0332C1H221JA01D	T	98.3/1.9
C621	4030025370	S.CER GRM033R61C104KE14D	T	98.8/12.1
C622	4030025300	S.CER GRM0332C1H221JA01D	T	99.3/1.9
C623	4030025370	S.CER GRM033R61C104KE14D	T	99.8/12.1
C624	4030025370	S.CER GRM033R61C104KE14D	T	100.3/1.9
C625	4030025300	S.CER GRM0332C1H221JA01D	T	100.8/12.1
C626	4030025370	S.CER GRM033R61C104KE14D	T	101.3/1.9
C628	4030022160	S.CER GRM033B31A104KE84D	T	102.3/1.9
C630	4030025370	S.CER GRM033R61C104KE14D	T	103.3/1.9
C631	4030022120	S.CER GRM0332C1H470JA01D	T	103.8/12.1
C632	4030022120	S.CER GRM0332C1H470JA01D	T	104.3/1.9
C633	4030022120	S.CER GRM0332C1H470JA01D	T	104.8/12.1
C634	4030022120	S.CER GRM0332C1H470JA01D	T	105.3/1.9
C635	4030022120	S.CER GRM0332C1H470JA01D	T	105.8/12.1
C636	4030022120	S.CER GRM0332C1H470JA01D	T	106.3/1.9
C638	4030025370	S.CER GRM033R61C104KE14D	T	108.9/13.5
C1101	4030022160	S.CER GRM033B31A104KE84D	T	152.3/8.5
C1102	4030022160	S.CER GRM033B31A104KE84D	T	153.2/10.3
C1103	4030022160	S.CER GRM033B31A104KE84D	T	150.3/8.5
C1106	4030025370	S.CER GRM033R61C104KE14D	T	151.0/26.0
C1111	4030022160	S.CER GRM033B31A104KE84D	T	157.3/8.5
C1112	4030022160	S.CER GRM033B31A104KE84D	T	158.2/10.3
C1113	4030022160	S.CER GRM033B31A104KE84D	T	155.3/8.5
C1116	4030025370	S.CER GRM033R61C104KE14D	T	156.0/26.0
C1121	4030022160	S.CER GRM033B31A104KE84D	T	162.3/8.5
C1122	4030022160	S.CER GRM033B31A104KE84D	T	163.2/10.3
C1123	4030022160	S.CER GRM033B31A104KE84D	T	160.3/8.5
C1126	4030025370	S.CER GRM033R61C104KE14D	T	161.0/26.0
C1131	4030022160	S.CER GRM033B31A104KE84D	T	167.3/8.5
C1132	4030022160	S.CER GRM033B31A104KE84D	T	168.2/10.3
C1133	4030022160	S.CER GRM033B31A104KE84D	T	165.3/8.5
C1136	4030025370	S.CER GRM033R61C104KE14D	T	166.0/26.0
C1141	4030022160	S.CER GRM033B31A104KE84D	T	172.3/8.5
C1142	4030022160	S.CER GRM033B31A104KE84D	T	173.2/10.3
C1143	4030022160	S.CER GRM033B31A104KE84D	T	170.3/8.5
C1146	4030025370	S.CER GRM033R61C104KE14D	T	171.0/26.0
C1151	4030022160	S.CER GRM033B31A104KE84D	T	177.3/8.5
C1152	4030022160	S.CER GRM033B31A104KE84D	T	178.2/10.3
C1153	4030022160	S.CER GRM033B31A104KE84D	T	175.3/8.5
C1156	4030025370	S.CER GRM033R61C104KE14D	T	176.0/26.0
C1161	4030022160	S.CER GRM033B31A104KE84D	T	182.3/8.5
C1162	4030022160	S.CER GRM033B31A104KE84D	T	183.2/10.3
C1163	4030022160	S.CER GRM033B31A104KE84D	T	180.3/8.5
C1166	4030025370	S.CER GRM033R61C104KE14D	T	181.0/26.0
C1171	4030022160	S.CER GRM033B31A104KE84D	T	187.3/8.5
C1172	4030022160	S.CER GRM033B31A104KE84D	T	188.2/10.3
C1173	4030022160	S.CER GRM033B31A104KE84D	T	185.3/8.5
C1176	4030025370	S.CER GRM033R61C104KE14D	T	186.0/26.0
C1181	4030022160	S.CER GRM033B31A104KE84D	T	192.3/8.5
C1182	4030022160	S.CER GRM033B31A104KE84D	T	193.2/10.3
C1183	4030022160	S.CER GRM033B31A104KE84D	T	190.3/8.5
C1186	4030025370	S.CER GRM033R61C104KE14D	T	191.0/26.0
C1191	4030022160	S.CER GRM033B31A104KE84D	T	197.3/8.5
C1192	4030022160	S.CER GRM033B31A104KE84D	T	198.2/10.3
C1193	4030022160	S.CER GRM033B31A104KE84D	T	195.3/8.5
C1194	4030022160	S.CER GRM033B31A104KE84D	T	200.3/8.7
C1196	4030025370	S.CER GRM033R61C104KE14D	T	196.0/26.0
C1201	4030022160	S.CER GRM033B31A104KE84D	T	204.7/8.5
C1202	4030022160	S.CER GRM033B31A104KE84D	T	205.6/10.3
C1203	4030022160	S.CER GRM033B31A104KE84D	T	202.7/8.5
C1206	4030025370	S.CER GRM033R61C104KE14D	T	203.5/26.0
C1211	4030022160	S.CER GRM033B31A104KE84D	T	209.8/8.5
C1212	4030022160	S.CER GRM033B31A104KE84D	T	210.7/10.3
C1213	4030022160	S.CER GRM033B31A104KE84D	T	207.8/8.5
C1216	4030025370	S.CER GRM033R61C104KE14D	T	208.5/26.0
C1221	4030022160	S.CER GRM033B31A104KE84D	T	214.8/8.5
C1222	4030022160	S.CER GRM033B31A104KE84D	T	215.7/10.3
C1223	4030022160	S.CER GRM033B31A104KE84D	T	212.8/8.5
C1226	4030025370	S.CER GRM033R61C104KE14D	T	213.5/26.0
C1231	4030022160	S.CER GRM033B31A104KE84D	T	219.8/8.5
C1232	4030022160	S.CER GRM033B31A104KE84D	T	220.7/10.3
C1233	4030022160	S.CER GRM033B31A104KE84D	T	217.8/8.5
C1236	4030025370	S.CER GRM033R61C104KE14D	T	218.5/26.0
C1241	4030022160	S.CER GRM033B31A104KE84D	T	224.8/8.5
C1242	4030022160	S.CER GRM033B31A104KE84D	T	225.7/10.3
C1243	4030022160	S.CER GRM033B31A104KE84D	T	222.8/8.5
C1246	4030025370	S.CER GRM033R61C104KE14D	T	223.5/26.0
C1251	4030022160	S.CER GRM033B31A104KE84D	T	229.8/8.5
C1252	4030022160	S.CER GRM033B31A104KE84D	T	230.7/10.3
C1253	4030022160	S.CER GRM033B31A104KE84D	T	227.8/8.5
C1256	4030025370	S.CER GRM033R61C104KE14D	T	228.5/26.0
C1261	4030022160	S.CER GRM033B31A104KE84D	T	234.8/8.5
C1262	4030022160	S.CER GRM033B31A104KE84D	T	235.7/10.3
C1263	4030022160	S.CER GRM033B31A104KE84D	T	232.8/8.5
C1266	4030025370	S.CER GRM033R61C104KE14D	T	233.5/26.0

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

[CONNECT-A UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
C1271	4030022160	S.CER	GRM033B31A104KE84D	T	239.8/8.5
C1272	4030022160	S.CER	GRM033B31A104KE84D	T	240.7/10.3
C1273	4030022160	S.CER	GRM033B31A104KE84D	T	237.8/8.5
C1276	4030025370	S.CER	GRM033R61C104KE14D	T	238.5/26.0
C1281	4030022160	S.CER	GRM033B31A104KE84D	T	244.8/8.5
C1282	4030022160	S.CER	GRM033B31A104KE84D	T	245.7/10.3
C1283	4030022160	S.CER	GRM033B31A104KE84D	T	242.8/8.5
C1286	4030025370	S.CER	GRM033R61C104KE14D	T	243.5/26.0
C1291	4030022160	S.CER	GRM033B31A104KE84D	T	249.8/8.5
C1292	4030022160	S.CER	GRM033B31A104KE84D	T	250.7/10.3
C1293	4030022160	S.CER	GRM033B31A104KE84D	T	247.8/8.5
C1294	4030022160	S.CER	GRM033B31A104KE84D	T	251.4/11.8
C1296	4030025370	S.CER	GRM033R61C104KE14D	T	248.4/26.0
C1301	4030022160	S.CER	GRM033B31A104KE84D	T	172.8/4.3
C1302	4030022160	S.CER	GRM033B31A104KE84D	T	194.8/4.3
C1303	4030022160	S.CER	GRM033B31A104KE84D	T	216.8/4.7
C1304	4030022160	S.CER	GRM033B31A104KE84D	T	172.8/3.5
C1305	4030022160	S.CER	GRM033B31A104KE84D	T	194.8/3.5
C1306	4030022160	S.CER	GRM033B31A104KE84D	T	216.8/3.8
C1307	4030022160	S.CER	GRM033B31A104KE84D	T	172.8/2.8
C1308	4030022160	S.CER	GRM033B31A104KE84D	T	194.8/2.8
C1309	4030022160	S.CER	GRM033B31A104KE84D	T	216.8/2.9
C1310	4030022160	S.CER	GRM033B31A104KE84D	T	172.8/2.0
C1311	4030022160	S.CER	GRM033B31A104KE84D	T	194.8/2.0
C1312	4030022160	S.CER	GRM033B31A104KE84D	T	216.8/2.0
C1313	4030022160	S.CER	GRM033B31A104KE84D	T	183.3/4.9
C1314	4030022160	S.CER	GRM033B31A104KE84D	T	205.3/5.4
C1315	4030022160	S.CER	GRM033B31A104KE84D	T	227.2/5.1
C1316	4030022160	S.CER	GRM033B31A104KE84D	T	179.2/7.2
C1317	4030022160	S.CER	GRM033B31A104KE84D	T	201.2/7.2
C1318	4030022160	S.CER	GRM033B31A104KE84D	T	223.2/7.2
C1319	4030022160	S.CER	GRM033B31A104KE84D	T	183.3/4.2
C1320	4030022160	S.CER	GRM033B31A104KE84D	T	205.3/4.5
C1321	4030022160	S.CER	GRM033B31A104KE84D	T	227.2/4.2
C1323	4030022160	S.CER	GRM033B31A104KE84D	T	183.3/3.4
C1324	4030022160	S.CER	GRM033B31A104KE84D	T	205.3/3.6
C1326	4030022160	S.CER	GRM033B31A104KE84D	T	183.3/2.7
C1327	4030022160	S.CER	GRM033B31A104KE84D	T	205.3/2.7
C1501	4030025370	S.CER	GRM033R61C104KE14D	T	246.0/3.4
C1502	4030025370	S.CER	GRM033R61C104KE14D	T	246.6/3.4
C1503	4030025370	S.CER	GRM033R61C104KE14D	T	247.3/3.4
C1504	4030025370	S.CER	GRM033R61C104KE14D	T	247.9/3.4
C1505	4030025370	S.CER	GRM033R61C104KE14D	T	247.7/5.1
C1551	4030025370	S.CER	GRM033R61C104KE14D	T	143.3/17.2
C1552	4030025370	S.CER	GRM033R61C104KE14D	T	143.3/17.8
C1553	4030025370	S.CER	GRM033R61C104KE14D	T	143.3/18.4
C1554	4030025370	S.CER	GRM033R61C104KE14D	T	143.3/19.0
C1555	4030025370	S.CER	GRM033R61C104KE14D	T	145.1/17.2
RL201	6310000150	S.REL	AGN200S09ZK1	T	126.0/14.7
RL202	6310000150	S.REL	AGN200S09ZK1	T	118.0/14.7
RL203	6310000150	S.REL	AGN200S09ZK1	T	51.5/15.0
RL204	6310000150	S.REL	AGN200S09ZK1	T	134.0/14.7
J101	6510024541	CON	TCS5073-2741577		
J102	6510024541	CON	TCS5073-2741577		
J201	6450002520	CON	RL-1515-2(B.B)-L		
J202	6450002520	CON	RL-1515-2(B.B)-L		
J301	6510025940	CON	PJ-3047S		
J302	6510025940	CON	PJ-3047S		
J401	6510022472	S.CON	40FLT-SM2-TB(LF)(SN)(M)	T	98.5/7.0
J402	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J501	6510022022	S.CON	14FLT-SM2-TB(LF)(SN)(M)	T	18.9/4.4
J1101	6510025620	CON	CD6115SA1J0		
J1201	6510025620	CON	CD6115SA1J0		
EP101	6910018930	S.BEA	MPZ2012S601A	T	92.5/17.3
EP301	6910023350	S.BEA	MMZ1005B601CT	T	38.6/27.9
EP302	6910023350	S.BEA	MMZ1005B601CT	T	118.6/27.9
EP431	6910012350	S.BEA	MMZ1608Y 102BT	T	13.0/23.0
EP432	6910012350	S.BEA	MMZ1608Y 102BT	T	15.5/23.0
EP433	6910012350	S.BEA	MMZ1608Y 102BT	T	25.5/23.0
EP434	6910012350	S.BEA	MMZ1608Y 102BT	T	102.1/23.0
EP435	6910012350	S.BEA	MMZ1608Y 102BT	T	95.5/23.0
EP436	6910012350	S.BEA	MMZ1608Y 102BT	T	93.0/23.0
EP437	6910014690	S.BEA	MPZ1608S221A-T	T	28.0/23.0
EP438	6910014690	S.BEA	MPZ1608S221A-T	T	11.6/23.0
EP439	6910014690	S.BEA	MPZ1608S221A-T	T	29.5/23.0
EP440	6910014690	S.BEA	MPZ1608S221A-T	T	20.5/23.0
EP441	6910014690	S.BEA	MPZ1608S221A-T	T	105.3/23.0
EP442	6910014690	S.BEA	MPZ1608S221A-T	T	91.6/23.0
EP443	6910014690	S.BEA	MPZ1608S221A-T	T	108.0/23.0
EP444	6910014690	S.BEA	MPZ1608S221A-T	T	100.5/23.0
EP509	6910019900	S.BEA	MPZ1608S601AT	T	20.3/8.1
EP512	6910019900	S.BEA	MPZ1608S601AT	T	21.7/8.1
EP602	6910019900	S.BEA	MPZ1608S601AT	T	88.8/10.7
EP606	6910019900	S.BEA	MPZ1608S601AT	T	90.3/10.7
EP608	6910019900	S.BEA	MPZ1608S601AT	T	87.3/10.7
EP616	6910018460	S.BEA	MMZ1005Y102C-T	T	96.3/4.0
EP618	6910018460	S.BEA	MMZ1005Y102C-T	T	97.3/4.0
EP620	6910018460	S.BEA	MMZ1005Y102C-T	T	98.3/4.0
EP622	6910018460	S.BEA	MMZ1005Y102C-T	T	99.3/4.0
EP625	6910018460	S.BEA	MMZ1005Y102C-T	T	100.8/10.1
EP638	6910019900	S.BEA	MPZ1608S601AT	T	107.8/11.6
EP1101	6910019900	S.BEA	MPZ1608S601AT	T	151.9/27.1
EP1102	6910019900	S.BEA	MPZ1608S601AT	T	156.9/27.1
EP1103	6910019900	S.BEA	MPZ1608S601AT	T	161.9/27.1
EP1104	6910019900	S.BEA	MPZ1608S601AT	T	166.9/27.1
EP1105	6910019900	S.BEA	MPZ1608S601AT	T	171.9/27.1
EP1106	6910019900	S.BEA	MPZ1608S601AT	T	176.9/27.1
EP1107	6910019900	S.BEA	MPZ1608S601AT	T	181.9/27.1
EP1108	6910019900	S.BEA	MPZ1608S601AT	T	186.9/27.1
EP1109	6910019900	S.BEA	MPZ1608S601AT	T	191.9/27.1
EP1110	6910019900	S.BEA	MPZ1608S601AT	T	196.9/27.1
EP1201	6910019900	S.BEA	MPZ1608S601AT	T	204.5/27.1
EP1202	6910019900	S.BEA	MPZ1608S601AT	T	209.5/27.1
EP1203	6910019900	S.BEA	MPZ1608S601AT	T	214.5/27.1
EP1204	6910019900	S.BEA	MPZ1608S601AT	T	219.5/27.1
EP1205	6910019900	S.BEA	MPZ1608S601AT	T	224.4/27.1
EP1206	6910019900	S.BEA	MPZ1608S601AT	T	229.5/27.1
EP1207	6910019900	S.BEA	MPZ1608S601AT	T	234.5/27.1
EP1208	6910019900	S.BEA	MPZ1608S601AT	T	239.5/27.1
EP1209	6910019900	S.BEA	MPZ1608S601AT	T	244.5/27.1
EP1210	6910019900	S.BEA	MPZ1608S601AT	T	249.3/27.1

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[CONNECT-B UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC301	1130018320	S.IC	SN74LVC3G14DCTR	T	72.8/25.1
Q305	1510001200	S.TRA	L2SA1576ART1G	T	67.4/29.9
Q308	1530004140	S.TRA	L2SC4081RT1G	T	68.7/34.5
Q501	1530004140	S.TRA	L2SC4081RT1G	T	31.0/33.7
Q502	1530004140	S.TRA	L2SC4081RT1G	T	38.9/33.7
D302	1750001810	S.DIO	L1SS400T1G	T	66.5/35.8
D501	1750001810	S.DIO	L1SS400T1G	T	33.0/36.5
D502	1750001810	S.DIO	L1SS400T1G	T	39.3/36.5
R103	7030015910	S.RES	RMC1/16S-101JTH (100)	T	23.5/21.2
R104	7030015910	S.RES	RMC1/16S-101JTH (100)	T	25.5/21.2
R301	7030016250	S.RES	RMC1/16S-220JTH (22)	T	68.5/24.7
R302	7030016250	S.RES	RMC1/16S-220JTH (22)	T	68.5/25.7
R305	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	68.5/26.6
R309	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	68.5/23.8
R313	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	68.5/27.5
R314	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	70.0/29.9
R317	7030016360	S.RES	RMC1/16S-123JTH (12 k)	T	68.8/31.7
R319	7030016380	S.RES	RMC1/16S-183JTH (18 k)	T	66.5/33.4
R501	7030015930	S.RES	RMC1/16S-471JTH (470)	T	33.4/35.5
R502	7030015930	S.RES	RMC1/16S-471JTH (470)	T	36.4/35.5
R503	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	33.4/34.6
R504	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	36.4/34.6
R505	7030016120	S.RES	RMC1/16S-682JTH (6.8 k)	T	31.7/35.5
R506	7030016120	S.RES	RMC1/16S-682JTH (6.8 k)	T	38.2/35.5
R507	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	29.1/33.9
R508	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	40.7/33.5
R1001	7030016370	S.RES	RMC1/16S-271JTH (270)	T	61.3/36.2
R1002	7030016370	S.RES	RMC1/16S-271JTH (270)	T	44.8/36.2
C101	4030022160	S.CER	GRM033B31A104KE84D	T	31.5/25.3
C103	4030022160	S.CER	GRM033B31A104KE84D	T	23.5/25.3
C104	4030022160	S.CER	GRM033B31A104KE84D	T	25.5/25.3
C106	4030022160	S.CER	GRM033B31A104KE84D	T	43.3/24.4
C107	4030022160	S.CER	GRM033B31A104KE84D	T	45.3/24.4
C109	4030025300	S.CER	GRM0332C1H221JA01D	T	27.5/25.3
C110	4030025300	S.CER	GRM0332C1H221JA01D	T	29.5/25.3
C111	4510010570	S.ELE	16 CE 470 LX	T	72.9/6.5
C112	4510010570	S.ELE	16 CE 470 LX	T	63.9/6.5
C301	4030022160	S.CER	GRM033B31A104KE84D	T	71.2/22.7
C302	4030026000	S.CER	GRM033R71E332KA12D	T	68.7/32.6
C305	4030022100	S.CER	GRM0332C1H100JA01D	T	67.8/36.6
C308	4030022140	S.CER	GRM033B31H102KA12D	T	70.4/35.8
C501	4030022160	S.CER	GRM033B31A104KE84D	T	42.1/36.5
C502	4030022160	S.CER	GRM033B31A104KE84D	T	29.7/36.5
J301	6510025940	CON	PJ-3047S		
J501	6510025940	CON	PJ-3047S		
J1001	6510018941	S.CON	B13B-PH-SM4-TB(LF)(SN)	T	55.3/17.0
J1002	6510034960	CON	TM11R-5M2-88-LP(70)		
J1003	6510015541	S.CON	B4B-ZR-SM4-TF(LF)(SN)	T	77.0/14.5
J2001	6510030810	S.CON	B15B-PH-SM4-TB(LF)(SN)	T	21.5/17.0
J2002	6510035240	S.CON	IX61G-B-10P	T	19.0/46.4
DS1001	5040003590	S.LED	SML-D12P8WT86	T	58.6/35.7
DS1002	5040003590	S.LED	SML-D12P8WT86	T	47.5/35.7
EP101	6910023820	S.BEA	MPZ2012S101A-T	T	31.5/21.5
EP106	6910023350	S.BEA	MMZ1005B601CT	T	43.3/21.6
EP107	6910023350	S.BEA	MMZ1005B601CT	T	45.3/21.6
EP109	6910018460	S.BEA	MMZ1005Y102C-T	T	27.5/21.2
EP110	6910018460	S.BEA	MMZ1005Y102C-T	T	29.5/21.2
EP301	6910023350	S.BEA	MMZ1005B601CT	T	64.9/37.1
EP501	6910023350	S.BEA	MMZ1005B601CT	T	40.9/37.0
EP502	6910023350	S.BEA	MMZ1005B601CT	T	31.1/37.0

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[INPUT UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
J3	6510030720	CON J810020FL		
J4	6510030720	CON J810020FL		

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[LINE-FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
L1	6140006080	COI LR-660		
EP1	6910028710	E.O OT-048-M4		

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[AC-FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
L1	6190002880	COI SC-15-12J-MI		
C1	4310000990	MYL PA474L		
EP1	6910031130	E.O F2207		
EP2	6910031130	E.O F2207		
EP3	6910031130	E.O F2207		
EP4	6910031130	E.O F2207		

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[REGRELAY UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
Q1	1510001200	S.TRA	L2SA1576ART1G	T	233.9/30.5
D1	1750001810	S.DIO	L1SS400T1G	T	144.4/32.3
D2	1750001810	S.DIO	L1SS400T1G	T	225.2/21.2
D3	1750001810	S.DIO	L1SS400T1G	T	48.4/32.6
D4	1750004730	S.ZEN	UDZVUTE-173.3B	T	231.3/28.6
D5	1750001810	S.DIO	L1SS400T1G	T	225.2/7.7
D6	1750001810	S.DIO	L1SS400T1G	T	65.0/32.6
L1	6200017690	S.COI	NLV32T-101J-EF	T	141.4/31.5
L2	6200017690	S.COI	NLV32T-101J-EF	T	225.0/17.7
L3	6200017690	S.COI	NLV32T-101J-EF	T	48.2/28.7
L4	6200017690	S.COI	NLV32T-101J-EF	T	228.0/7.0
L5	6200017690	S.COI	NLV32T-101J-EF	T	64.6/28.7
R1	7100000980	RES	RWBS20J 30		
R2	7100000980	RES	RWBS20J 30		
R3	7030015190	S.RES	RMC1/16-332JTP (3.3 k)	T	228.9/27.6
R4	7030023780	S.RES	RMC1/2-820JTE (82)	T	135.3/31.5
R5	7030023760	S.RES	RMC1/2-390JTE (39)	T	231.7/15.7
R6	7030023760	S.RES	RMC1/2-390JTE (39)	T	67.8/28.8
C1	4030024040	S.CER	0603B472K500CT	T	145.7/32.3
C2	4030024040	S.CER	0603B472K500CT	T	223.9/21.2
C3	4030024040	S.CER	0603B472K500CT	T	47.1/32.5
C4	4030024040	S.CER	0603B472K500CT	T	228.9/29.6
C5	4510010300	S.ELE	16 CE 470 AX	T	231.6/21.9
C6	4030024040	S.CER	0603B472K500CT	T	223.9/7.7
C7	4030024040	S.CER	0603B472K500CT	T	63.7/32.5
RL1	6330002100	REL	FTR-K1AK012T		
RL2	6330002000	REL	G2RL-1A DC12		
RL3	6330002000	REL	G2RL-1A DC12		
RL4	6330002000	REL	G2RL-1A DC12		
RL5	6330002000	REL	G2RL-1A DC12		
J1	6510022191	S.CON	B3B-PH-SM4-TB(LF)(SN)	T	244.9/19.9
EP5	6910020720	E.O	OT-047 M4		
EP6	6910020720	E.O	OT-047 M4		
EP7	6910020720	E.O	OT-047 M4		
EP8	6910020720	E.O	OT-047 M4		

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SECTION 8 MECHANICAL PARTS

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[CHASSIS UNIT]

REF NO.	PART NO.	DESCRIPTION		QTY.
J1	6510028441	MR-DSE-02-2		1
J2	6510028441	MR-DSE-02-2		1
J101	6510028430	MR-DSE-02 (AG)-1		1
J201	6510028430	MR-DSE-02 (AG)-1		1
J301	6510028430	MR-DSE-02 (AG)-1		1
J401	6510028430	MR-DSE-02 (AG)-1		1
J501	6510028430	MR-DSE-02 (AG)-1		1
J601	6510028430	MR-DSE-02 (AG)-1		1
F1	5210000630	W28XQ1A 20A	[#12]	1
	5210000630	W28XQ1A 20A	[#13]	1
	5210001010	A-0710W-15A	[#14]	1
F2	5210000630	W28XQ1A 20A	[#12]	1
	5210000630	W28XQ1A 20A	[#13]	1
	5210001010	A-0710W-15A	[#14]	1
R1	7120000810	THS50120RJ(4-1879071-0)		1
R2	7120000810	THS50120RJ(4-1879071-0)		1
C1	4560000201	RDER72A105K2K1H03B		1
MF15	2710001020	MGT6012HR-O15		1
W1**	8920006010	CAB-1407		1
W2**	8920006000	CAB-1408		1
W3**	8920005990	CAB-1712		1
W4**	8920005980	CAB-1713		1
W5**	8920005970	CAB-1714		1
W6**	8920006071	CAB-1715-1		1
W7**	8920005961	CAB-1716-1		1
W8**	8900012904	OPC-1345R-3		1
W9**	8900012904	OPC-1345R-3		1
W10**	8920005951	CAB-1726-1		1
W11**	8920006200	CAB-1743		1
W12**	8920006100	CAB-1735		1
W13**	8920005930	CAB-1722		1
W14**	8920005920	CAB-1723		1
W15**	8920005910	CAB-1724		1
W16**	8920006620	CAB-1784		1
W17**	8920005890	CAB-1720		1
W18**	8920005890	CAB-1720		1
W21**	8970025780	1.5D COAXIAL 330MM (A)-2 (T) C31/C31		1
W23**	8970024851	1.5D COAXIAL 750MM-1 (P) C31/C31		1
W25**	8970024851	1.5D COAXIAL 750MM-1 (P) C31/C31		1
W31**	8900018750	OPC-1968 (P0.5N14L60)		1
W32**	8910000570	FFC-1061		1
W33**	8900018810	OPC-197		1
W34**	8900020210	OPC-2099		1
W35**	8900014871	OPC-1332A-1		1
W41**	8920006150	CAB-1729	[#13]	1
	8920006150	CAB-1729	[#14]	1
	8920006161	CAB-1738-1	[#14]	1
W42**	8920006210	CAB-1744		1
W43**	8920006490	CAB-1776		1
W44**	8920006500	CAB-1777		1
W45**	8920006510	CAB-1778		1
W46**	8920006550	CAB-1782		1
W48**	8920006470	CAB-1770		1
W49**	8920006460	CAB-1771		1
EP1	6950000410	FGA21M-11B		1
EP2	6910021650	ZCAT2235-1030A-BK		1
EP3	6910021650	ZCAT2235-1030A-BK		1
EP4	6910011960	ZCAT1518-0730		1
EP5	6910030781	AK2400W-SCN-52-1		1
EP6	6910030770	AK35W-LSM-15		1
EP7	6910021650	ZCAT2235-1030A-BK		1
EP8	6910021650	ZCAT2235-1030A-BK		1
EP9	6910027910	ZCAT2017-0930		1
EP11	6910031010	A4250-9105B		6
EP12	6910031140	T4050-9805		1
EP13	6510020370	1.25-M4		2
EP14	6910031430	577(BLACK)	Only [#14]	1
EP15	6910031460	T-105 NO.1/2 L=90MM	Only [#14]	1
EP17	6910031440	T-105 NO.1 L=200MM	Only [#14]	1
EP18	6910031440	T-105 NO.1 L=200MM	Only [#14]	1
EP19	6910011250	T-105 NO.1 L=170MM	Only [#14]	1
EP20	6910026480	ZCAT3035-1330-BK	Only [#14]	1
EP21	6910031510	T-105 NO.1/2 L=110MM	Only [#14]	1
MP1	8210035150	4109 FRONT PANEL	[#12]	1
	8210035150	4109 FRONT PANEL	[#13]	1
	8210035151	4109 FRONT PANEL-1	[#14]	1
MP2	8930109870	4109 SHEET		1
MP3	8930103440	4109 RELEASE BUTTON		1

REF NO.	PART NO.	DESCRIPTION		QTY.
MP4	8930079150	COIL SPRING (AL)		2
MP5	8010025331	4109 SUB CHASSIS-1		1
MP6	8930096230	HIMELON SHEET (DY)		2
MP7	8950003640	CS-2 UL		1
MP8	8010025321	4109 MAIN CHASSIS-1		1
MP9	8010026300	4109 MAIN-D CHASSIS		1
MP10	8930109810	4109 SUB-DC HOLDER		1
MP11	8930109970	4109 DC-SHIELD PLATE		1
MP12	8510023120	4109 TUNER COVER		1
MP13	8110012520	4109 TUNER A-COVER		1
MP14	8950009190	EDS-1208U		2
MP15	8510023131	4109 FILTER COVER-1		1
MP16	8930057240	INSULATION SHEET GU		1
MP17	8930110130	4109 FILTER SPONGE		1
MP18	8930108850	HIMELON SHEET (FA)		1
MP19	8930103530	4109 REAR PLATE		1
MP20	8110011800	4109 U-COVER		1
MP21	8930103980	4109 NET SHEET		1
MP22	8930109820	4109 NET-A SHEET		2
MP23	8930109831	4109 NET-B SHEET-1		2
MP24	8930109841	4109 NET-C SHEET-1		2
MP25	8110011810	4109 L-COVER	[#12]	1
	8110011810	4109 L-COVER	[#13]	1
	8110011811	4109 L-COVER-1	[#14]	1
MP26	8930091360	2590 MAIN STAND (B) ASSEMBLY		2
MP28	8930011680	RUBBER LEG (G)		2
MP31	8810008661	PHBT M3 × 8 NI-ZC3		10
MP32	8810007131	SET SCREW H M3 × 6 ZC3		9
MP33	8810007131	SET SCREW H M3 × 6 ZC3		2
MP34	8810002171	FLAT M3 × 6 ZC3		4
MP35	8810002171	FLAT M3 × 6 ZC3		2
MP36	8810010660	SET SCREW H M4 × 8 ZC3		4
MP37	8810007131	SET SCREW H M3 × 6 ZC3		2
MP38	8810007131	SET SCREW H M3 × 6 ZC3		2
MP39	8810002171	FLAT M3 × 6 ZC3		2
MP40	8810007131	SET SCREW H M3 × 6 ZC3		4
MP41	8810007131	SET SCREW H M3 × 6 ZC3		10
MP42	8810007131	SET SCREW H M3 × 6 ZC3		11
MP43	8810007131	SET SCREW H M3 × 6 ZC3		6
MP44	8810007131	SET SCREW H M3 × 6 ZC3		2
MP45	8810007131	SET SCREW H M3 × 6 ZC3		15
MP46	8810007231	SET SCREW H M3 × 8 ZC3		1
MP47	8810007131	SET SCREW H M3 × 6 ZC3		6
MP48	8810007131	SET SCREW H M3 × 6 ZC3		8
MP49	8810007131	SET SCREW H M3 × 6 ZC3		4
MP50	8810004431	PH M3 × 6 ZK3		12
MP51	8810007131	SET SCREW H M3 × 6 ZC3		6
MP52	8810004431	PH M3 × 6 ZK3		4
MP53	8810009991	PHBT M3 × 8 NI-ZK3		2
MP54	8810007131	SET SCREW H M3 × 6 ZC3		2
MP55	8810004431	PH M3 × 6 ZK3		4
MP56	8810008661	PHBT M3 × 8 NI-ZC3		8
MP57	8810002171	FLAT M3 × 6 ZC3		4
MP58	8810008160	HEX BOLT M5 × 18 NI (+)		1
MP59	8830000211	NUT M5 BS-CD NI		1
MP60	8850000440	S-WASHER M5 NI		2
MP61	8850000150	FLAT WASHER M5 NI BS		4
MP62	8830000360	NUT M5 NI		1
MP63	8850001561	STAR WASHER M4 ZC3		1
MP64	8810010660	SET SCREW H M4 × 8 ZC3		1
MP65	8820002140	SCREW M4 × 8 ZK3		2
MP66	8810000650	PH M4 × 12 SUS		2
MP67	8820002140	SCREW M4 × 8 ZK3		20
MP68	8810007231	SET SCREW H M3 × 8 ZC3		2
MP69	8810007131	SET SCREW H M3 × 6 ZC3		2
MP71	8930081580	3315 B-ANT PLATE		1
MP72	8810007131	SET SCREW H M3 × 6 ZC3		2
MP73	8810004861	PH M2 × 6 ZK3		1
MP74	8930081580	3315 B-ANT PLATE		1
MP75	8810007131	SET SCREW H M3 × 6 ZC3		2
MP76	8810004861	PH M2 × 6 ZK3		1
MP77	8930081580	3315 B-ANT PLATE		1
MP78	8810007131	SET SCREW H M3 × 6 ZC3		2
MP79	8810004861	PH M2 × 6 ZK3		1
MP80	8810010660	SET SCREW H M4 × 8 ZC3		4
MP81	8930113130	4109 REGRELAY SHEET		1
MP82	8110012730	4109 REGRELAY COVER		1
MP83	8930075640	STUD (BW)		4
MP84	8810007131	SET SCREW H M3 × 6 ZC3		4
MP85	8810010660	SET SCREW H M4 × 8 ZC3		4
MP92	8930109910	SHIELD SPONGE (FJ)		1
MP93	8930057790	SHIELD SPONGE (K)		1
MP94	8930074742	SHIELD SPONGE (CE)-2		3
MP99	8930062952	SHIELD SPONGE (AF)-2		3
MP100	8930074742	SHIELD SPONGE (CE)-2		4
MP102	8950010030	FT3		1
MP103	8950003640	CS-2 UL		1
MP104	8810007131	SET SCREW H M3 × 6 ZC3		1
MP105	8950003640	CS-2 UL		1
MP107	8930071690	PJ-13B		1
MP108	8950003640	CS-2 UL		1
MP109	8950003640	CS-2 UL		4

*: Refer to “BOARD LAYOUTS” for the location.

**: Refer to “GENERAL WIRING” for the connection

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

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[CHASSIS UNIT]

REF NO.	PART NO.	DESCRIPTION		QTY.
MP110	8810007131	SET SCREW H M3 × 6 ZC3		4
MP111	8930110290	HIMELON SHEET (FB)		1
MP113	8930090940	PA-30B		1
MP114	8930072740	HIMELON SHEET (CV)		1
MP115	8930088580	HIMELON SHEET (DD)		1
MP116	8950010030	FT3		1
MP118	8930070511	THERMALLY SHEET (BF)-1 TC600CAS 14.5 × 19		6
MP119	8810012260	SET SCREW H M4 × 20 SUS		4
MP120	8950009530	SL-5N KX17.9K		1
MP121	8810010660	SET SCREW H M4 × 8 ZC3		1
MP122	8930071690	PJ-13B		1
MP123	8930070511	THERMALLY SHEET (BF)-1 TC600CAS 14.5 × 19		7
MP124	8930090940	PA-30B		1
MP130	8810010660	SET SCREW H M4 × 8 ZC3		4
MP132	8110012670	4109 DC L-COVER		1
MP133	8810010660	SET SCREW H M4 × 8 ZC3		6
MP134	8930063270	2590 EARTH SPRING		3
MP135	8110012681	4109 FILTER A-COVER-1		1
MP136	8930100110	SPONGE (PU)		1
MP137	8930099350	HIMELON SHEET (EE)		1
MP138	8930060140	HIMELON SHEET (CI)		2
MP139	8930082542	SHIELD SPONGE (CS)-2		2
MP141	8930111730	WSU-350SP		1
MP142	8810004341	CAP BOLT M3 × 6 ZK3 BLACK		1
MP143	8930112090	4109 AL-B SHEET		1
MP144	8930091821	SHIELD SPONGE (DH)-1		4
MP145	8930104500	MAGNETIC SHIELD (D)		1
MP147	8930112101	4109 DC INSULATION SHEET-1		1
MP148	8930112080	4109 AL-A SHEET		1
MP150	8930112161	4109 INSULATION SHEET-1		6
MP151	8930082542	SHIELD SPONGE (CS)-2		1
MP152	8930091821	SHIELD SPONGE (DH)-1		2
MP155	8930085720	SPONGE (LV)		2
MP156	8930091810	SPONGE (NE)		1
MP157	8930074910	SPONGE (JZ)		2
MP162	8930113040	4109 REAR ANGLE		1
MP163	8810007131	SET SCREW H M3 × 6 ZC3		3
MP164	8810009991	PHBT M3 × 8 NI-ZK3		2
MP165	8930072580	SPONGE (JO)		1
MP166	8930063792	SHIELD SPONGE (AI)-2		1
MP167	8930082542	SHIELD SPONGE (CS)-2		1
MP168	8930096110	SPONGE (OT)		2
MP169	8930100110	SPONGE (PU)		1
MP170	8930096110	SPONGE (OT)		2
MP171	8930113830	4109 B-SHEET	Only [#14]	1
MP172	8930113840	4109 C-SHEET	Only [#14]	1
MP173	8930113820	4109 AC-F SHEET	Only [#14]	1
MP174	8930113800	4109 ANT-SW A-SHEET	Only [#14]	1
MP175	8930113810	4109 ANT-SW B-SHEET	Only [#14]	1
MP176	8930055983	SHIELD SPONGE(F)-3	Only [#14]	1
MP177	8930063792	SHIELD SPONGE(AI)-2	Only [#14]	2
MP178	8930071552	SHIELD SPONGE(BM)-2	Only [#14]	1
MP179	8930063792	SHIELD SPONGE(AI)-2	Only [#14]	1
MP180	8930073262	SHIELD SPONGE(CD)-2	Only [#14]	2
MP181	8950001980	CABLE TIE GT-140I	Only [#14]	1

[CONTROL UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
DS1	5030004620	M9-2367TXW-1	1
SP551	2510002250	036D08018	1
MP1	8210036760	4109 C-FRONT PANEL ASSEMBLY	1
MP2	8210036750	4109 C-REAR PANEL ASSEMBLY	1
MP3	8610016900	KNOB K-326 ASSEMBLY	1
MP4	8610016910	KNOB K-327 ASSEMBLY	1
MP5	8610016620	KNOB K-328	2
MP10	8930103570	4109 SP HOLDER	1
MP11	8930104880	HIMELON SHEET (EV)	1
MP12	8930109880	4109 LCD SHEET	1
MP13	8930113030	4109 A-LCD SPONGE	1
MP14	8310081740	3393 NAME PLATE	1
MP15	8930096930	SPONGE (PB)	1
MP17	6910018710	NDRDYH-15060304	2
MP18	8930110430	INSULATION SHEET (PT)	2
MP19	8930110680	INSULATION SHEET (PV)	1
MP21	8810009561	PHBT M2 × 6 NI-ZK3	4
MP22	8810009561	PHBT M2 × 6 NI-ZK3	2
MP23	8810009561	PHBT M2 × 6 NI-ZK3	6
MP24	8810009611	FLAT M2.6 × 6 ZK3	2
MP25	8930088620	HIMELON SHEET (DG)	1
MP26*	8930088331	FERRITE SHEET (AM)-1	1

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J1*	6510033240	4109 REAR CONNECTOR	1
J2*	6510030810	B15B-PH-SM4-TB (LF) (SN)	1
J11*	6510018941	B13B-PH-SM4-TB (LF) (SN)	1
J102*	6510028210	SJ050010 (TMP-J01X-V6)	1
J201*	6510033330	24FLT-SM2-TB (LF) (SN) (M)	1
J301*	6510035220	S15B-PH-SM4-TB (LF) (SN)	1
J401*	6510022472	40FLT-SM2-TB (LF) (SN) (M)	1
J501*	6510030800	BM20B-SHLDS-G-TFT (LF) (SN)	1
J601*	6510023261	B6B-PH-SM4-TB (LF) (SN)	1
J651*	6510018971	B4B-PH-SM4-TB (LF) (SN)	1
J652*	6510018961	B2B-PH-SM4-TB (LF) (SN)	1
J661*	6510022191	B3B-PH-SM4-TB (LF) (SN)	1
J701*	6510024522	12FLT-SM2-TB (LF) (SN) (M)	1
J2301*	6510025142	10FLT-SM2-TB (LF) (SN) (M)	1
J2801	6510021861	BH-800.4GG	1
S1*	2230001591	LS38J2F-T	1
S601*	2220000820	JSS1210-0911FC	1
S2401*	2230001591	LS38J2F-T	1
T3401*	5920000990	H1102FNLT	1
BT2801	3020000110	CR-2032L/BK	1
MP1101*	8510019341	3179 VCO CASE-1	1
MP1102	8510019351	3179 VCO COVER-1	1
MP1201*	8510021680	3697 VCO CASE	1
MP1202	8510018160	2969 B-VCO COVER	1
MP1203*	8930055983	SHIELD SPONGE (F)-3	1
MP1401*	8510021680	3697 VCO CASE	1
MP1402	8510018160	2969 B-VCO COVER	1
MP1701*	8510021680	3697 VCO CASE	1
MP1702	8510018160	2969 B-VCO COVER	1
MP1703*	8930055983	SHIELD SPONGE (F)-3	1

[PA UNIT]

REF NO.	PART NO.	DESCRIPTION		QTY.
MF1	2710001220	DC0802512U2B-2T		1
MF2	2710001220	DC0802512U2B-2T		1
EP1	6910030761	60EX172L289D-ZK-1		1
MP2	8930103581	4109 PA-A PLATE-1		1
MP4	8930103550	4109 PA ANGLE		1
MP5	8110012510	4109 FAN COVER		2
MP6	8930109850	4109 DC PLATE		2
MP7	8950003640	CS-2 UL		1
MP8	8950003640	CS-2 UL		1
MP11	8810007131	SET SCREW H M3 × 6 ZC3		2
MP12	8810011180	SET SCREW (H) 3 × 20 ZK3		6
MP13	8810002171	FLAT M3 × 6 ZC3		8
MP14	8810007131	SET SCREW H M3 × 6 ZC3		6
MP15	8820000551	CAP BOLT M4 × 8 ZK3		4
MP16	8810007131	SET SCREW H M3 × 6 ZC3		7
MP17	8810008490	SET SCREW H M2.6 × 8 NI		2
MP18	8810008490	SET SCREW H M2.6 × 8 NI		2
MP19	8810008490	SET SCREW H M2.6 × 8 NI		2
MP20	8810007131	SET SCREW H M3 × 6 ZC3		4
MP21	8810008490	SET SCREW H M2.6 × 8 NI		2
MP22	8810008490	SET SCREW H M2.6 × 8 NI		2
MP23	8810010660	SET SCREW H M4 × 8 ZC3		4
MP24	8930113080	4109 A-PA ANGLE		1
MP25	8510024870	4109 PA RUG	Only [#14]	1
MP26	8510024860	4109 PA-SHIELD COVER	Only [#14]	1

[PA-G UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J121*	6510033120	RCA-008A	1
J141*	6510030720	J810020FL	1
J142*	6510030720	J810020FL	1
J171*	6510028210	SJ050010 (TMP-J01X-V6)	1
J172*	6510028210	SJ050010 (TMP-J01X-V6)	1
J173*	6510028210	SJ050010 (TMP-J01X-V6)	1
J411*	6510018961	B2B-PH-SM4-TB (LF) (SN)	1
J451*	6450003050	22041021 (5045-02A)	1
J452*	6450003050	22041021 (5045-02A)	1
J501*	6510030800	BM20B-SHLDS-G-TFT (LF) (SN)	1
J502*	6510028210	SJ050010 (TMP-J01X-V6)	1
EP421*	6910028710	OT-048-M4	1
EP422*	6910028710	OT-048-M4	1
EP423*	6910030600	TH-0.8-4.5-M4	1
EP424*	6910030600	TH-0.8-4.5-M4	1

*: Refer to “BOARD LAYOUTS” for the location.

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

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[DISPLAY UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J101*	6510033810	AYF564035	1
J102*	6510029490	10FLZ-SM2-TB (LF) (SN)	1
J701*	6510034960	TM11R-5M2-88-LP (70)	1
J702*	6510033230	4109 FRONT CONNECTOR	1
S11*	2260002740	LS8J2M-T	1
S21*	2260002740	LS8J2M-T	1
S31*	2260002740	LS8J2M-T	1
S41*	2260002740	LS8J2M-T	1
S51*	2260002740	LS8J2M-T	1
S61*	2260002740	LS8J2M-T	1
S71*	2260002740	LS8J2M-T	1
S81*	2260002740	LS8J2M-T	1
S91*	2260002740	LS8J2M-T	1
S92*	2260002740	LS8J2M-T	1
S1301*	2230001591	LS38J2F-T	1
MP101*	6910014760	OG-503040	1
MP102*	6910014760	OG-503040	1
MP121*	8510019651	3250 VCO CASE-1	1
MP551*	8510017610	OG-542925	1
MP552*	8510017610	OG-542925	1
MP601*	8510019651	3250 VCO CASE-1	1

[FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J1	6450003020	TNC-R-S-AI	1
J2*	6510030720	J810020FL	1
J11	6450003020	TNC-R-S-AI	1
J551*	6510028210	SJ050010 (TMP-J01X-V6)	1
J601*	6510033330	24FLT-SM2-TB (LF) (SN) (M)	1
EP1*	6910030590	TH-1.6-5.0-M2	1
EP2*	6910030590	TH-1.6-5.0-M2	1
EP3*	6910030590	TH-1.6-5.0-M2	1
EP4*	6910030590	TH-1.6-5.0-M2	1
EP11*	6910030590	TH-1.6-5.0-M2	1
EP12*	6910030590	TH-1.6-5.0-M2	1
EP13*	6910030590	TH-1.6-5.0-M2	1
EP14*	6910030590	TH-1.6-5.0-M2	1
MP1	8810004861	PH M2 × 6 ZK3	4
MP11	8810004861	PH M2 × 6 ZK3	4
MP12*	8930071160	2427 F-EARTH SPRING	1
MP141*	8510017600	OG-363050	1
MP142*	8510017600	OG-363050	1
MP143*	8510017600	OG-363050	1

[TUNER UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J802*	6510021722	30FLT-SM2-TB (LF) (SN) (M)	1
J951*	6510035220	S15B-PH-SM4-TB (LF) (SN)	1
EP1*	6910027930	TH-1.6-M2	1
EP2*	6910030580	TH-1.6-M3	1
EP3*	6910030580	TH-1.6-M3	1
EP11*	6910027930	TH-1.6-M2	1
EP12*	6910030580	TH-1.6-M3	1
EP13*	6910030580	TH-1.6-M3	1
MP3	8510022230	3818 RELAY CASE	1
MP121	8510021460	3615 DDS CASE	1
MP701	8510021460	3615 DDS CASE	1

[ANT-SW UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J3*	6510022022	14FLT-SM2-TB (LF) (SN) (M)	1
J11	6450003020	TNC-R-S-AI	1
J51*	6510028210	SJ050010 (TMP-J01X-V6)	1
EP11*	6910030590	TH-1.6-5.0-M2	1
EP12*	6910030590	TH-1.6-5.0-M2	1
EP13*	6910030590	TH-1.6-5.0-M2	1
EP14*	6910030590	TH-1.6-5.0-M2	1
MP11	8810004861	PH M2 × 6 ZK3	4

[SD UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J1*	6510034190	DM1AA-SF-PEJ (82)	1
J2*	6510024522	12FLT-SM2-TB (LF) (SN) (M)	1

[PA-D UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
W331*	7120000480	MJP-0.4-T	1
W341*	7120000480	MJP-0.4-T	1
EP301*	6910027930	TH-1.6-M2	1
EP302*	6910030580	TH-1.6-M3	1
EP303*	6910030580	TH-1.6-M3	1
EP425*	6910030600	TH-0.8-4.5-M4	1
EP426*	6910030600	TH-0.8-4.5-M4	1

[JOINT UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J1*	6510035270	046240-040-003-800	1
J2*	6510035270	046240-040-003-800	1

[CONNECT-A UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J101*	6510024541	TCS5073-2741577	1
J102*	6510024541	TCS5073-2741577	1
J201*	6450002520	RL-1515-2 (B.B)-L	1
J202*	6450002520	RL-1515-2 (B.B)-L	1
J301*	6510025940	PJ-3047S	1
J302*	6510025940	PJ-3047S	1
J401*	6510022472	40FLT-SM2-TB (LF) (SN) (M)	1
J402*	6510028210	SJ050010 (TMP-J01X-V6)	1
J501*	6510022022	14FLT-SM2-TB (LF) (SN) (M)	1
J1101*	6510025620	CD6115SA1J0	1
J1201*	6510025620	CD6115SA1J0	1

[CONNECT-B UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J301*	6510025940	PJ-3047S	1
J501*	6510025940	PJ-3047S	1
J1001*	6510018941	B13B-PH-SM4-TB (LF) (SN)	1
J1002*	6510034960	TM11R-5M2-88-LP (70)	1
J1003*	6510015541	B4B-ZR-SM4-TF (LF) (SN)	1
J2001*	6510030810	B15B-PH-SM4-TB (LF) (SN)	1
J2002*	6510035240	IX61G-B-10P	1

[INPUT UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J3*	6510030720	J810020FL	1
J4*	6510030720	J810020FL	1

[LINE-FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
EP1*	6910028710	OT-048-M4	2

[AC-FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
EP1*	6910031130	F2207	1
EP2*	6910031130	F2207	1
EP3*	6910031130	F2207	1
EP4*	6910031130	F2207	1

[REGRELAY UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J1*	6510022191	B3B-PH-SM4-TB (LF) (SN)	1
EP5*	6910020720	OT-047 M4	1
EP6*	6910020720	OT-047 M4	1
EP7*	6910020720	OT-047 M4	1
EP8*	6910020720	OT-047 M4	1

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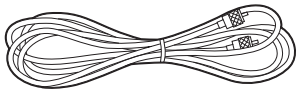
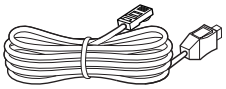
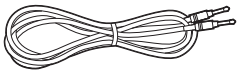
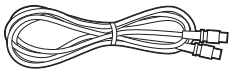
[SUPPLIED ACCESSORIES]

REF NO.	PART NO.	DESCRIPTION	QTY.
W1	8900002261	OPC-104B-1	1
W2	8900023700	OPC-125B-2	1
W3	8900007291	OPC-718-1	1
W4	8920005880	CAB-1416	1
EP1	6510020330	5.5-5 PIN	1
MP4	8010025340	4109 BRACKET	1
MP5	8930103540	4109 PLATE	1
MP6	8930100190	LEG CUSHION (Q)	4
MP7	8930106030	SPONGE (RT)	2
MP8	8930110760	HIMELON SHEET (FC)	2


W2

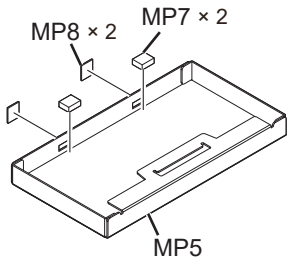

W4


W3

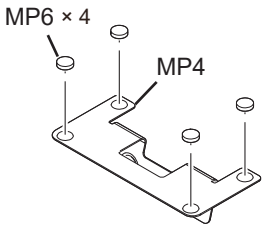

W1

EP1

● **Dummy panel assembly**

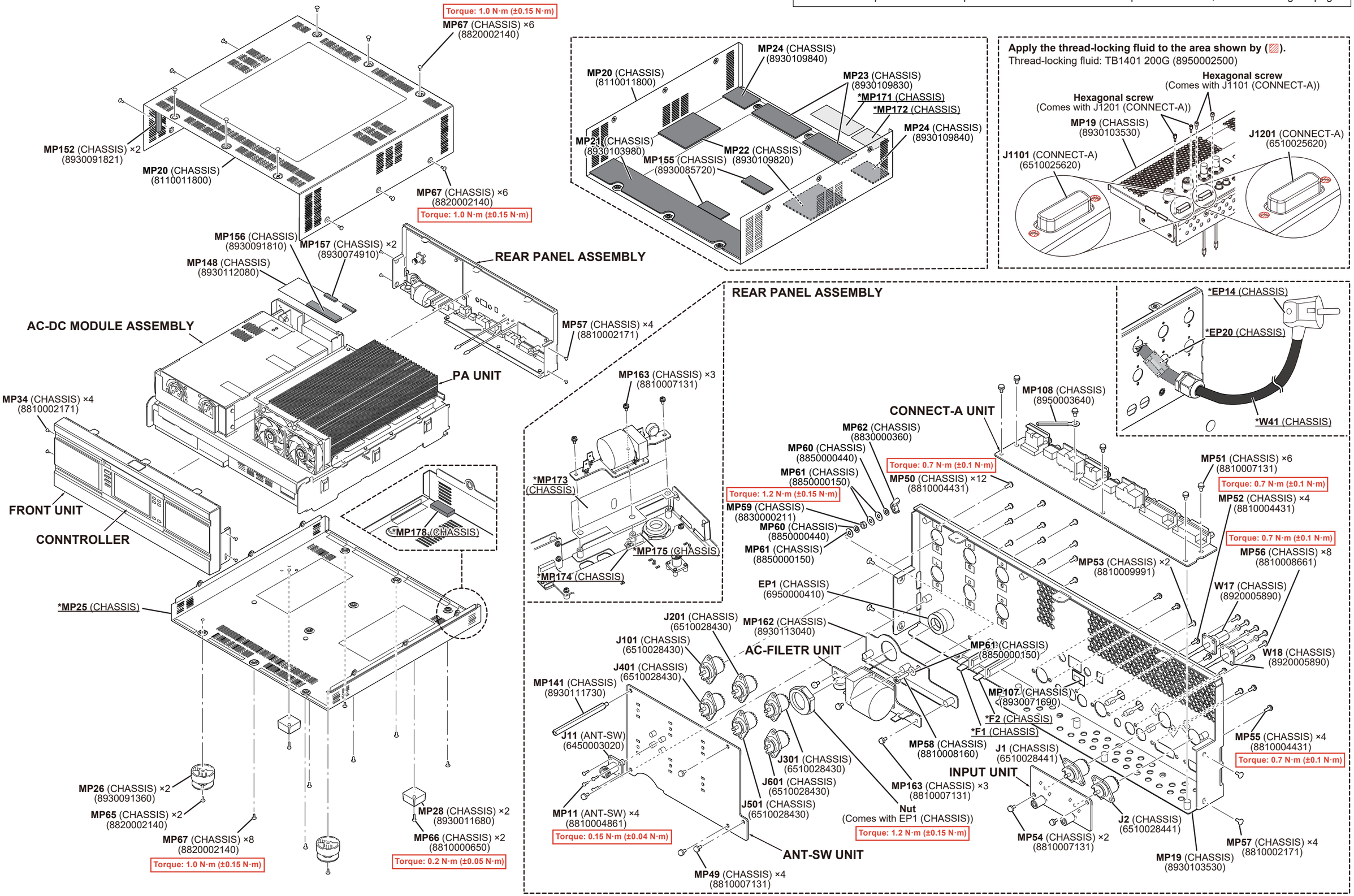


● **Bracket stand assembly**



• FRONT, REAR, TOP, and BOTTOM ASSEMBLY

The underlined parts have been updated from the addendum of the previous version, or from the original page.

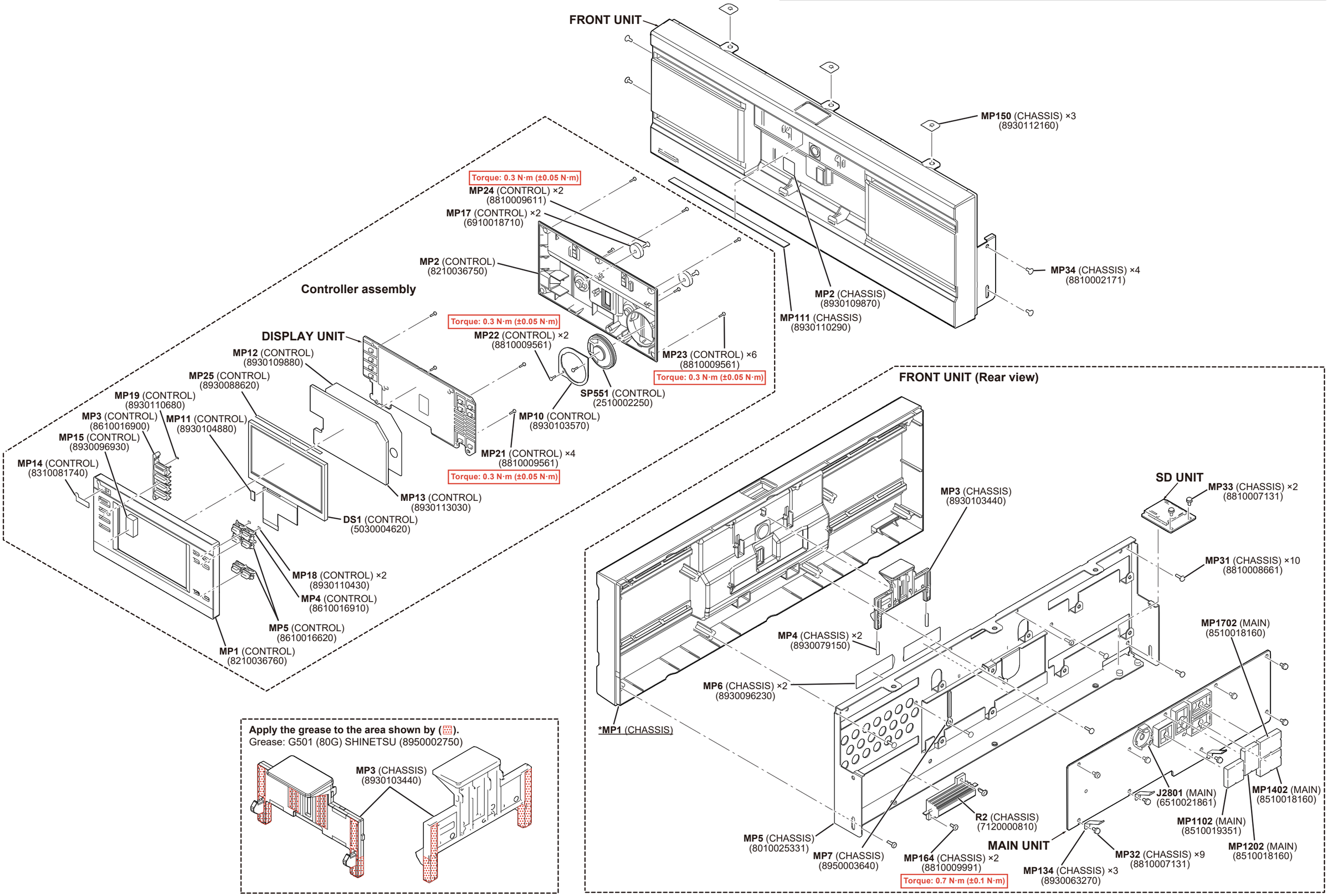


Unless otherwise noted, the tighten to torque is 0.5 N·m (±0.07 N·m).

*Refer to the Mechanical Parts list.

• **FRONT ASSEMBLY**

The underlined parts have been updated from the addendum of the previous version, or from the original page.



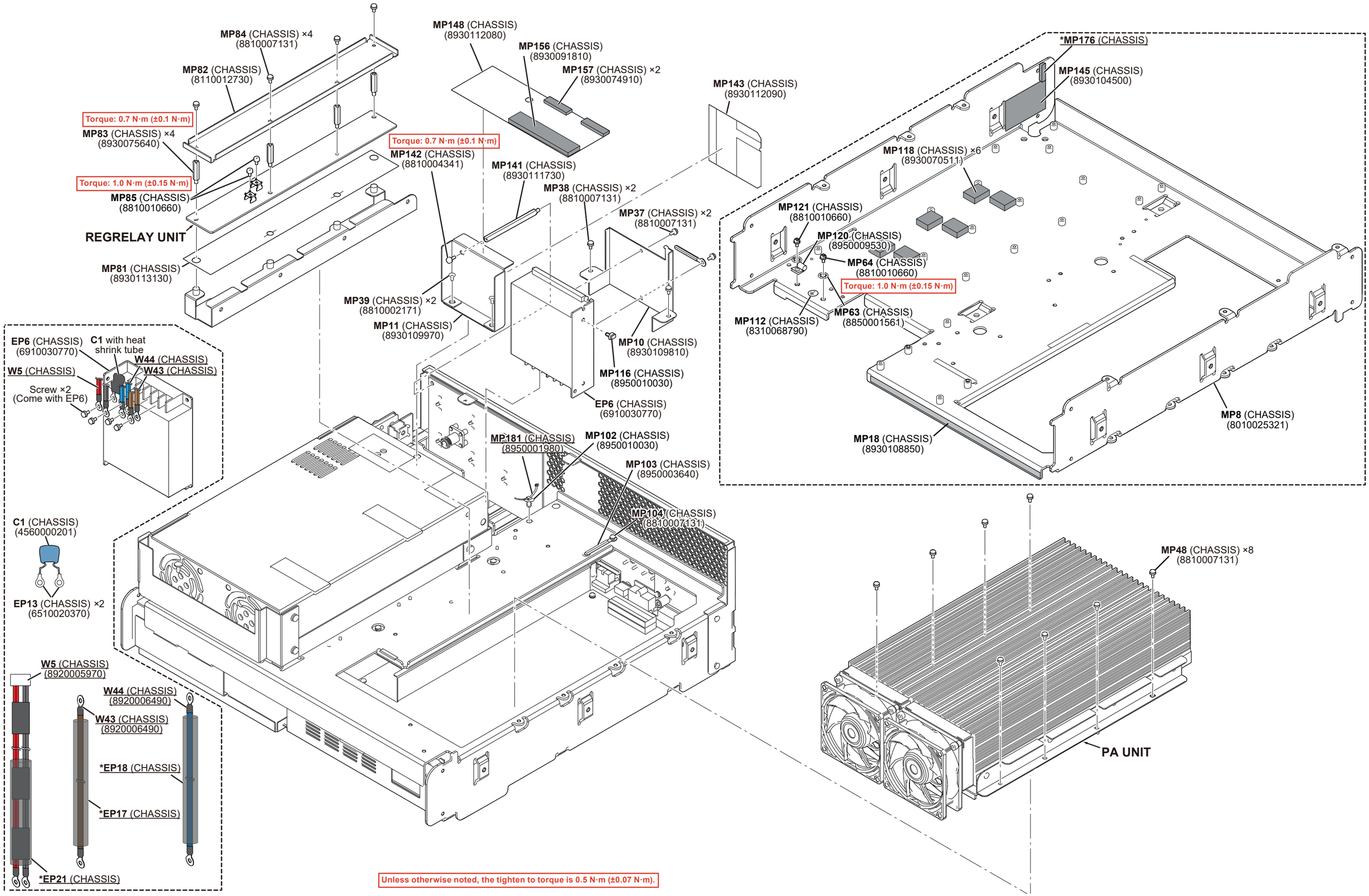
Unless otherwise noted, the tighten to torque is 0.5 N·m (±0.07 N·m).

*Refer to the Mechanical Parts list.

(Amended page)

• CHASSIS ASSEMBLY (Upper side)

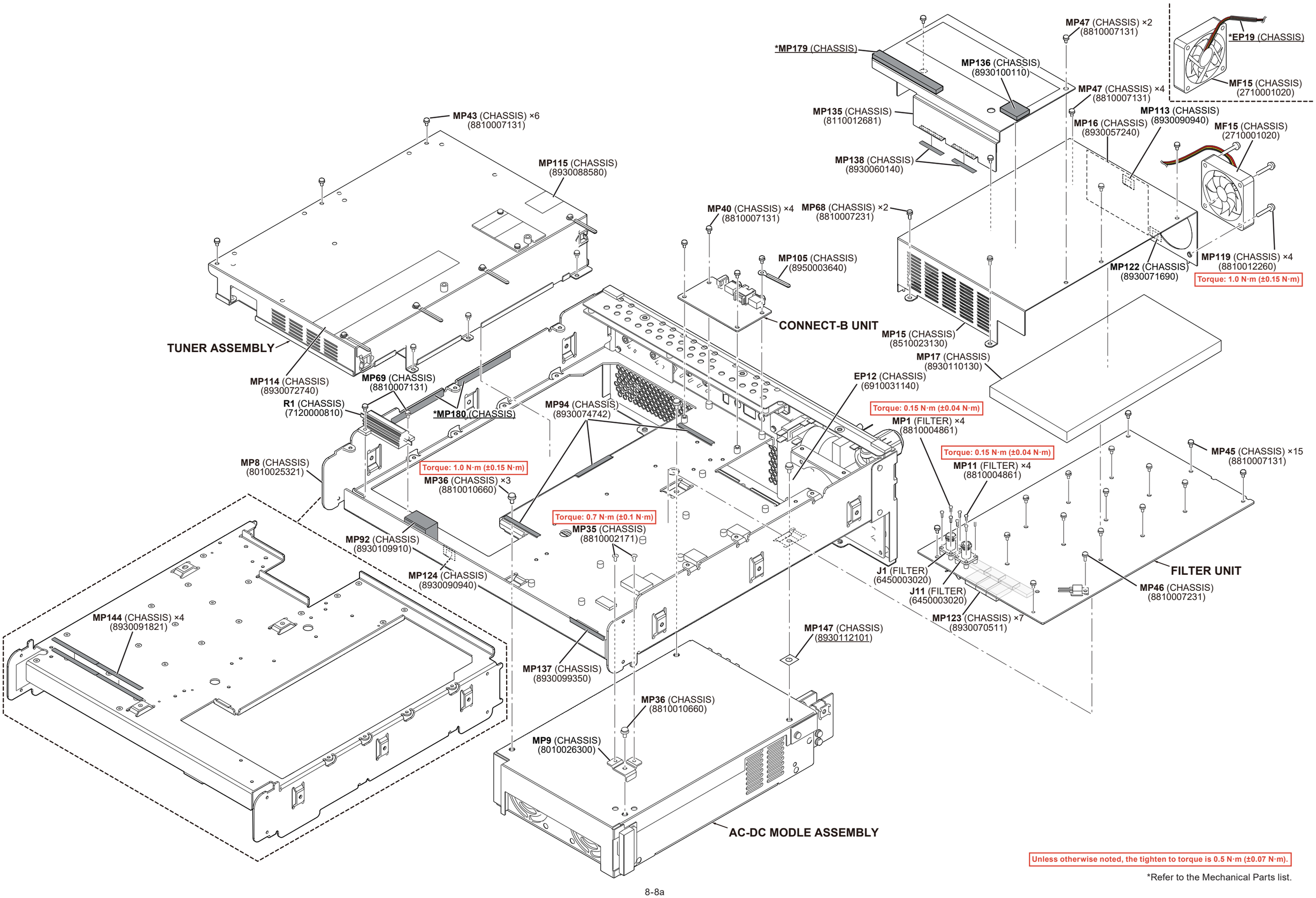
The underlined parts have been updated from the addendum of the previous version, or from the original page.



*Refer to the Mechanical Parts list.

• CHASSIS ASSEMBLY (Lower side)

The underlined parts have been updated from the addendum of the previous version, or from the original page.

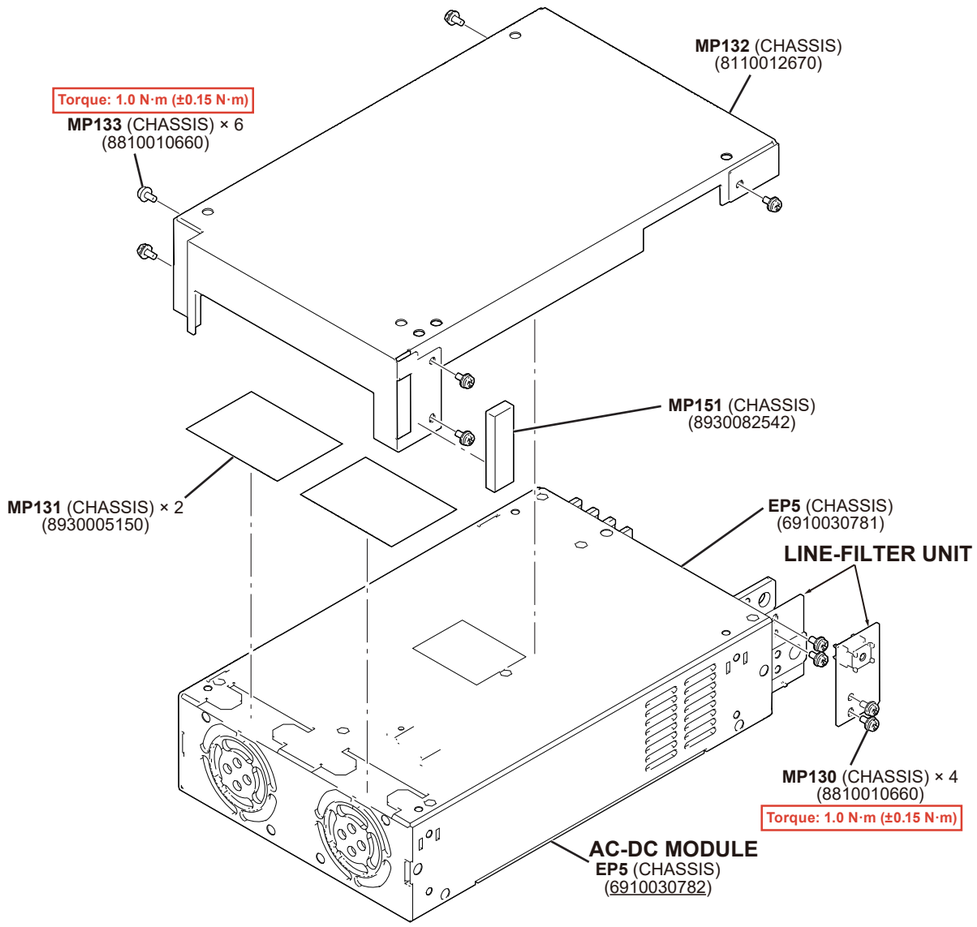


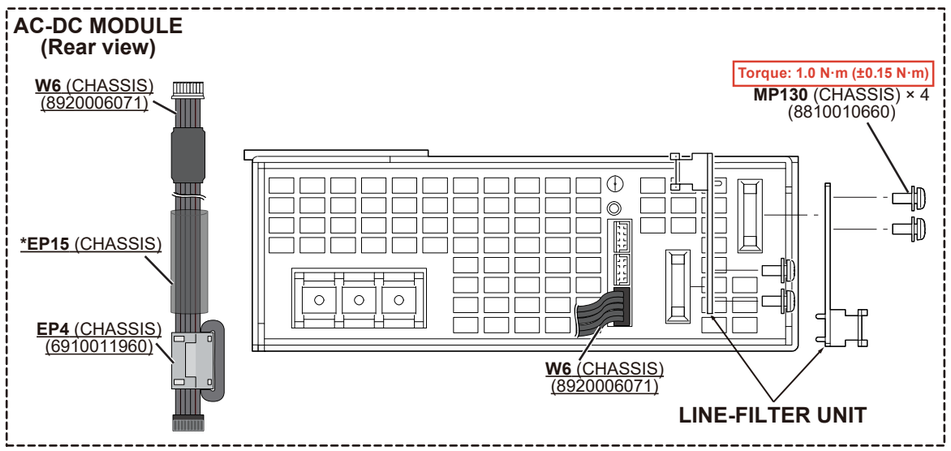
Unless otherwise noted, the tighten to torque is 0.5 N·m (±0.07 N·m).

*Refer to the Mechanical Parts list.

• AC-DC MODULE ASSEMBLY

The underlined parts have been updated from the addendum of the previous version, or from the original page.



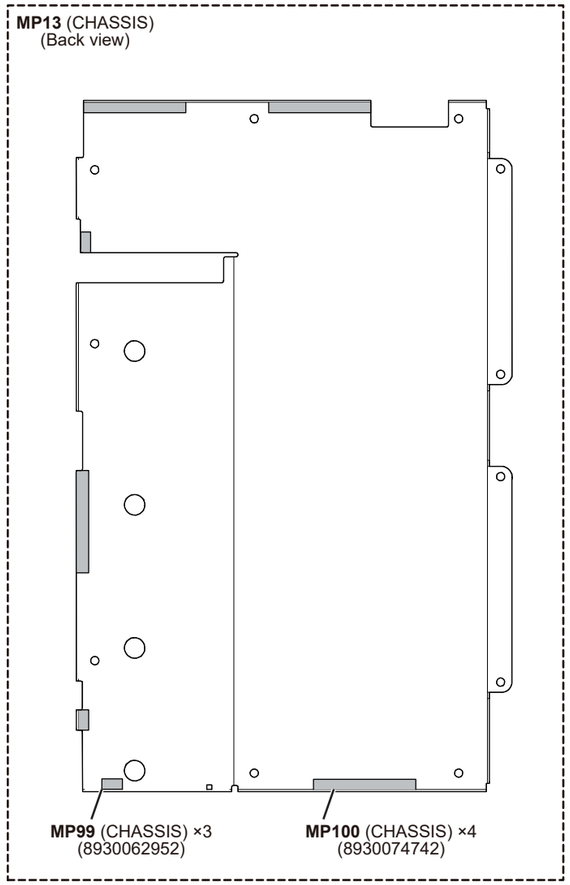


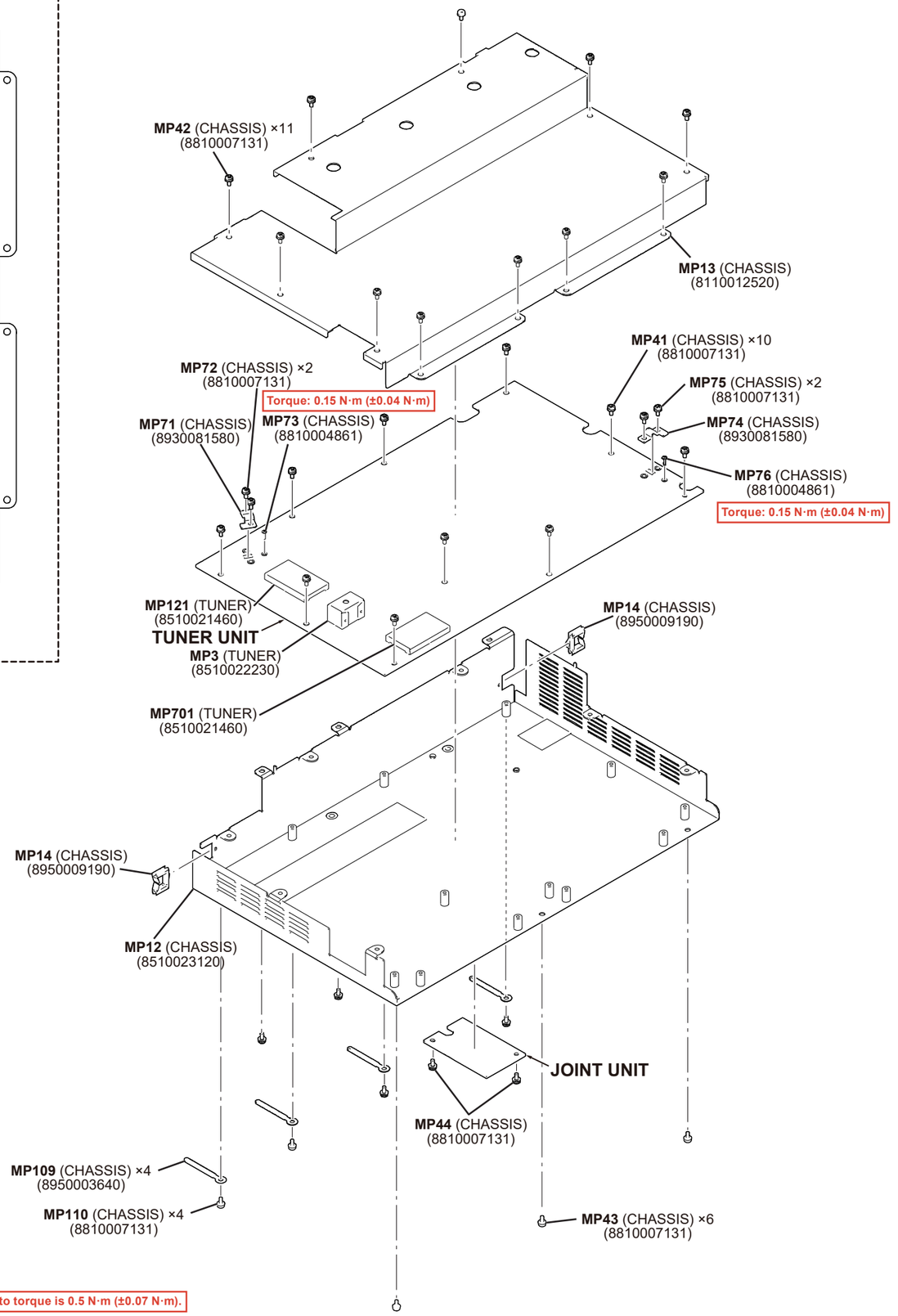
*Refer to the Mechanical Parts list.

(Amended page)

• TUNER ASSEMBLY

The underlined parts have been updated from the addendum of the previous version, or from the original page.



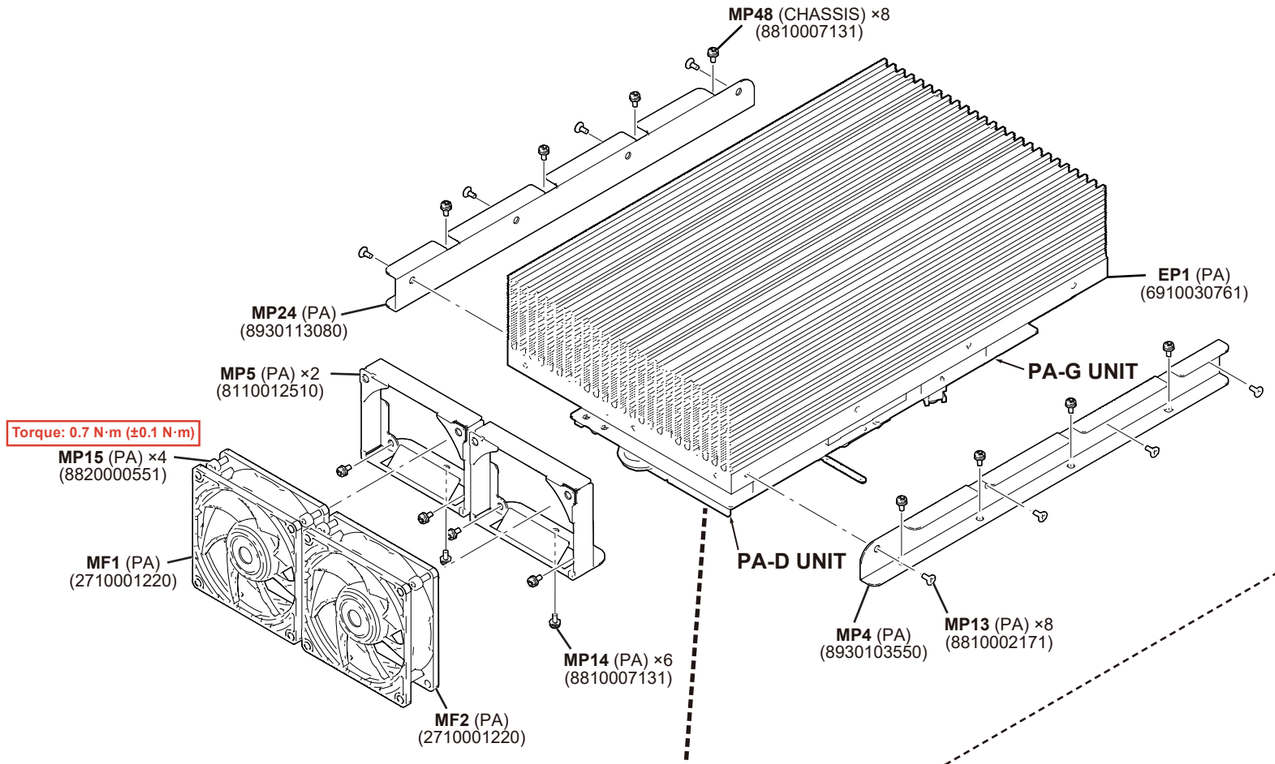


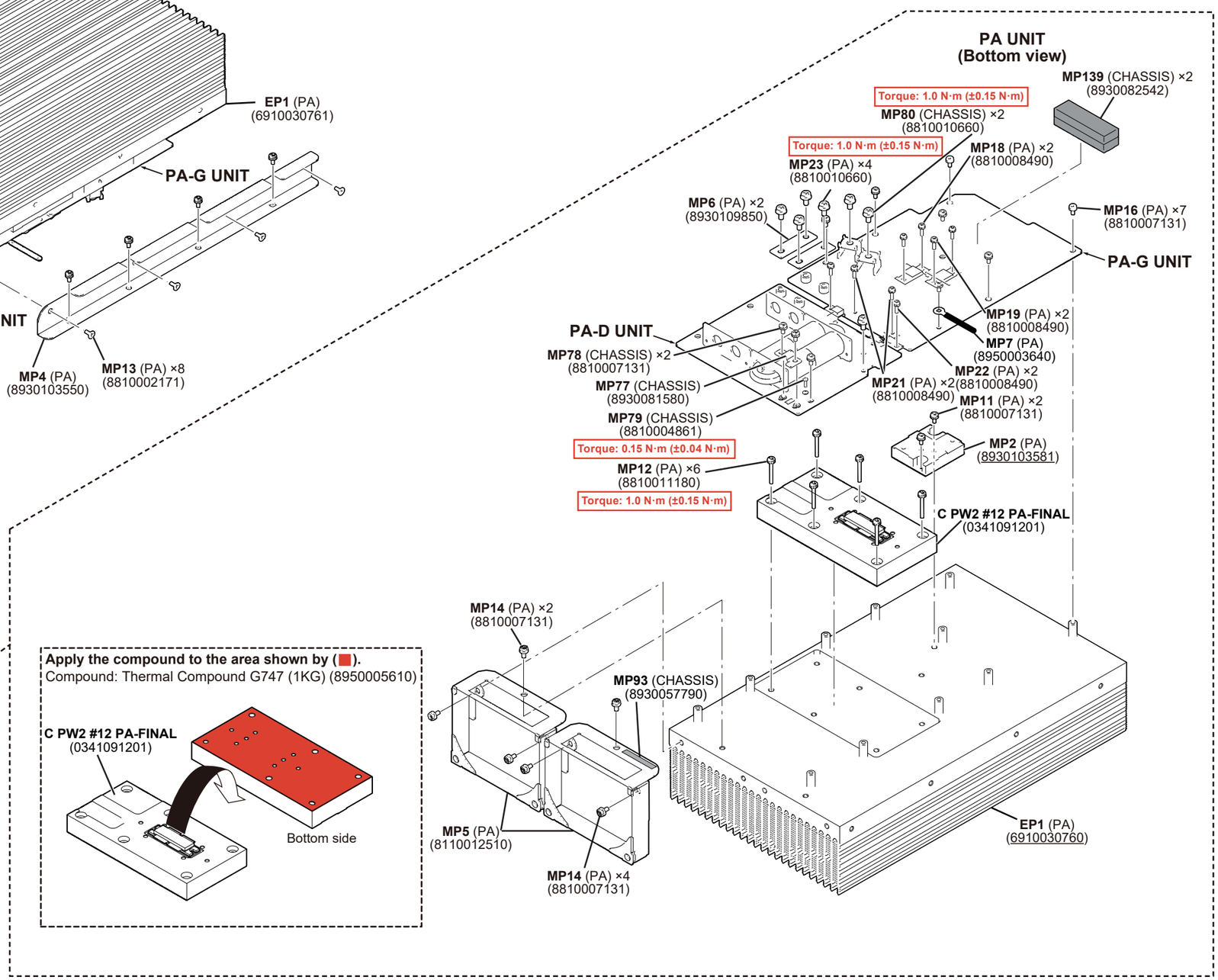
Unless otherwise noted, the tighten to torque is 0.5 N·m (±0.07 N·m).

*Refer to the Mechanical Parts list.

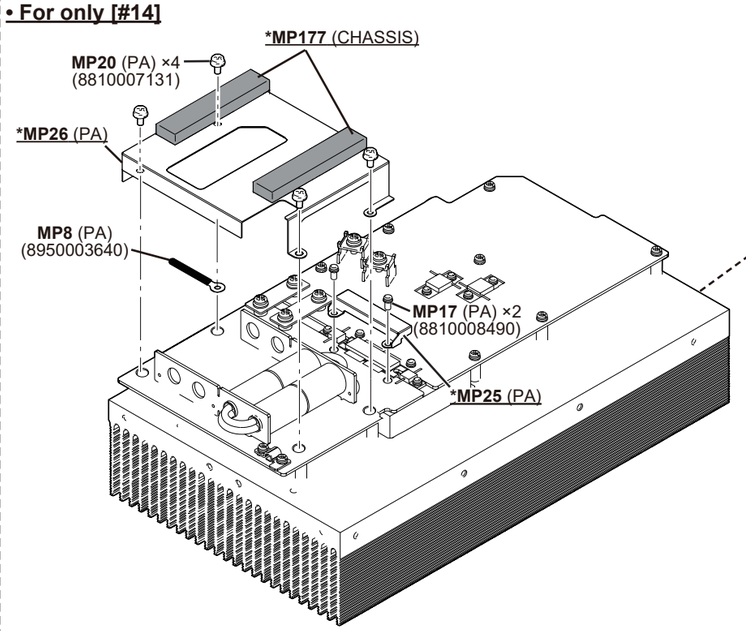
The underlined parts have been updated from the addendum of the previous version, or from the original page.

• PA ASSEMBLY





• For only [#14]



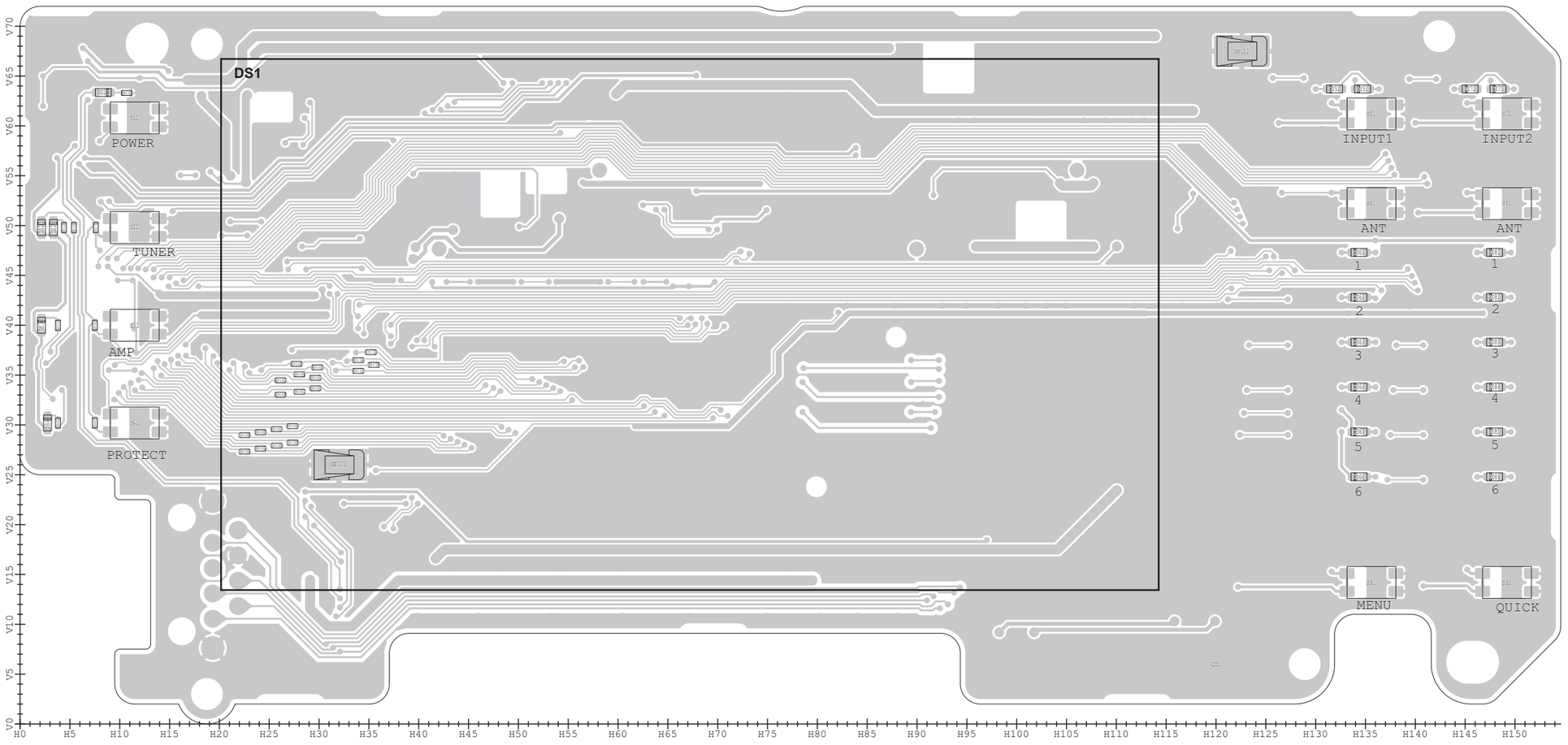
Apply the compound to the area shown by (■).
Compound: Thermal Compound G747 (1KG) (8950005610)

*Refer to the Mechanical Parts list.

SECTION 9 BOARD LAYOUTS

The underlined parts have been updated from the addendum of the previous version, or from the original page.

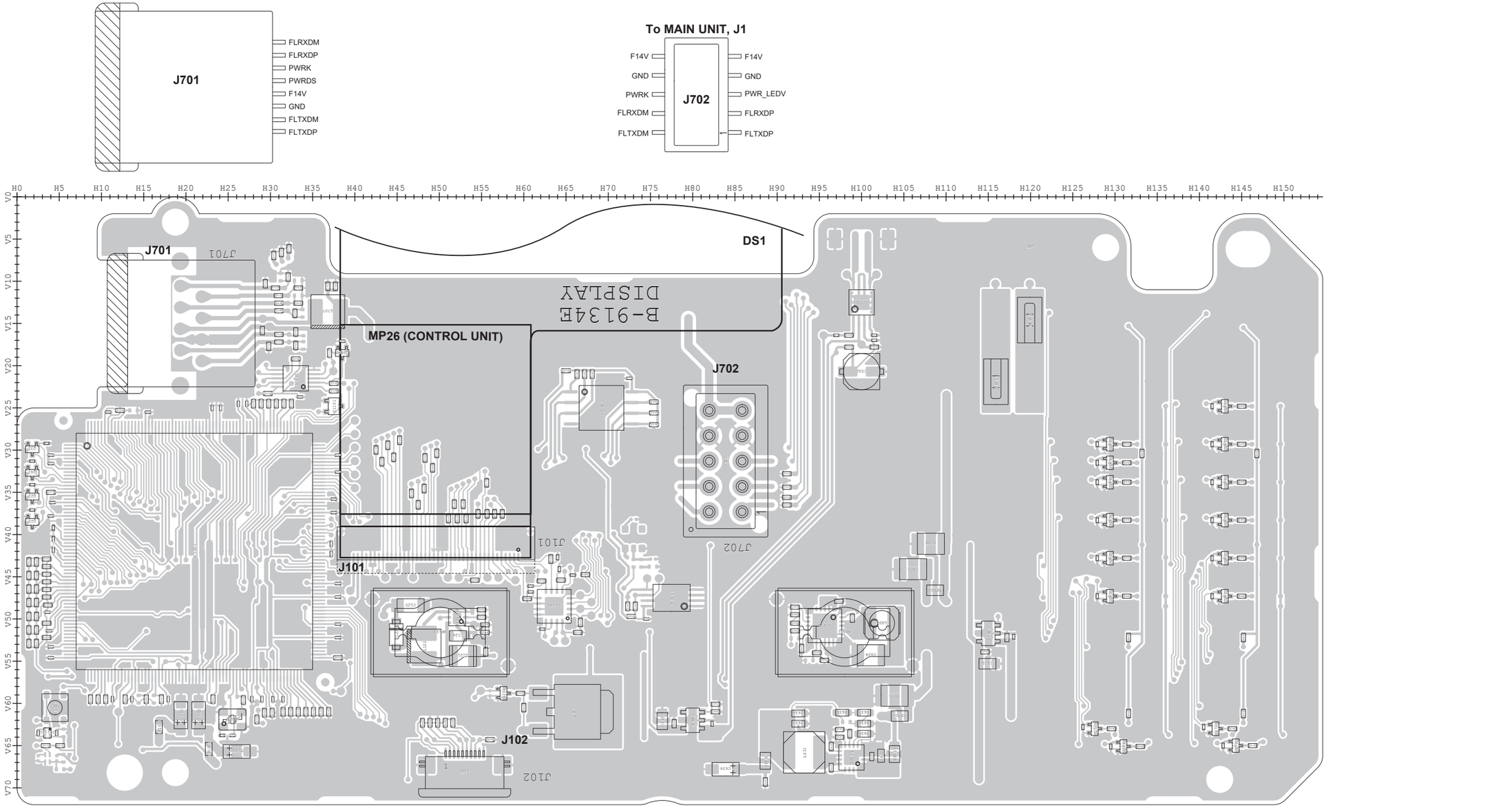
- **DISPLAY UNIT (B-9134E)**
  (Top view)



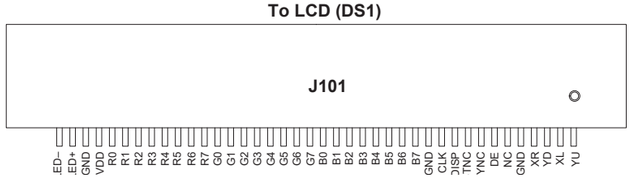
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

- **DISPLAY UNIT (B-9134E)**
  (Bottom view)



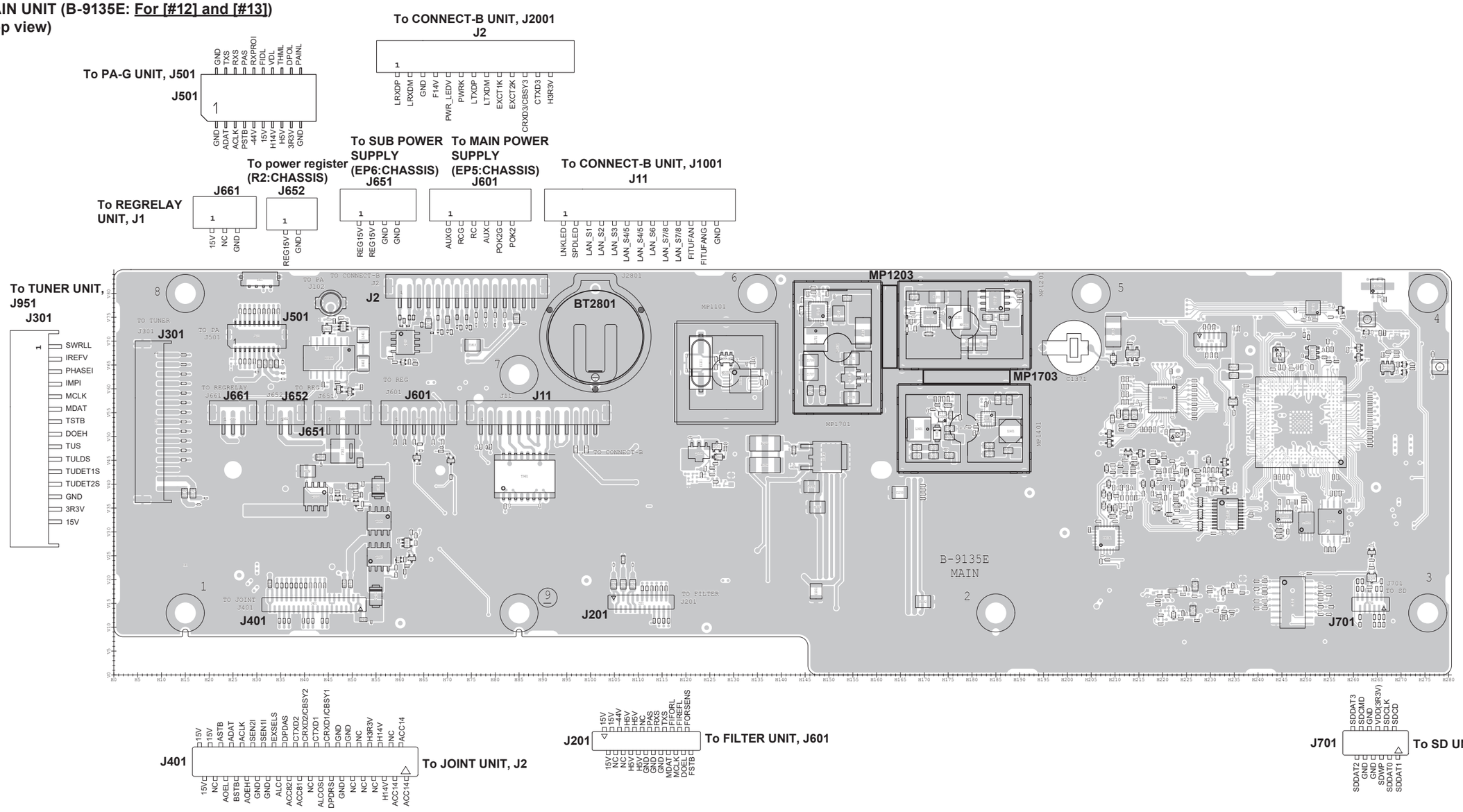
To LCD (DS1)



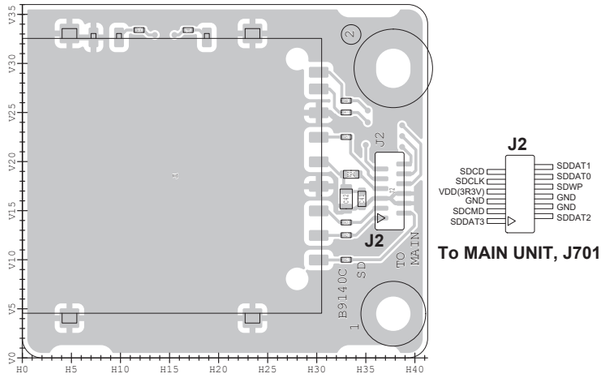
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

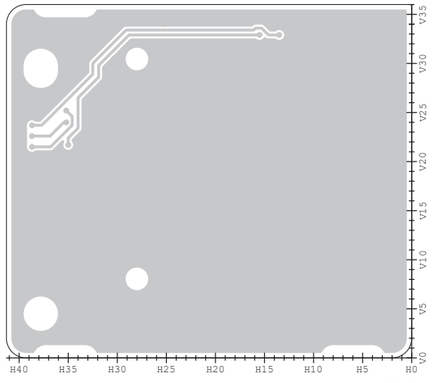
- **MAIN UNIT (B-9135E: For [#12] and [#13])**
  (Top view)



- **SD UNIT (B-9140C)**
  (Top view)



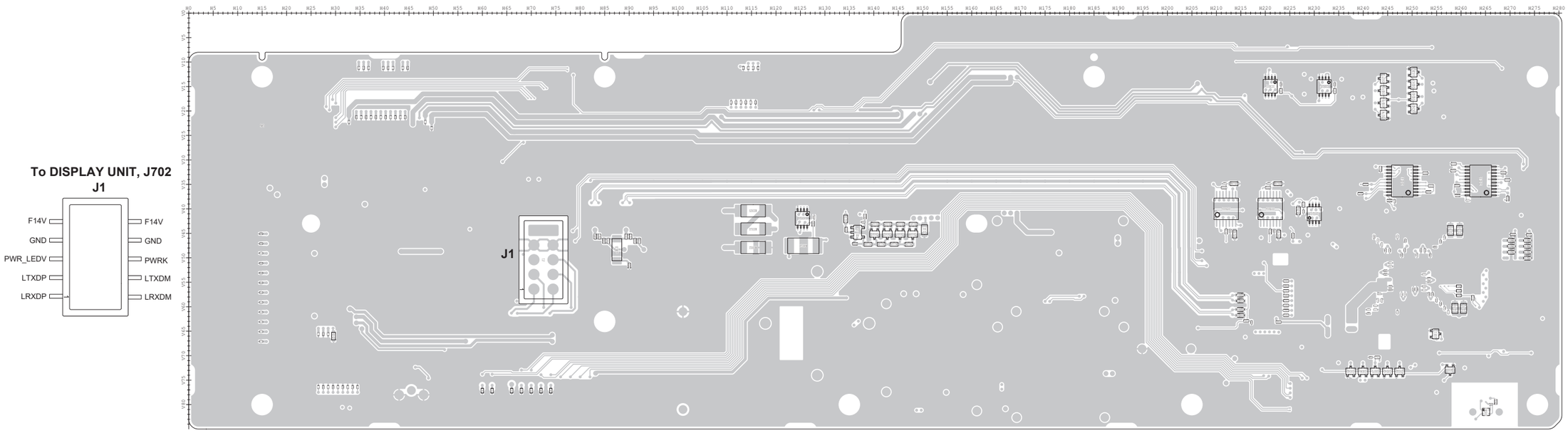
(Bottom view)



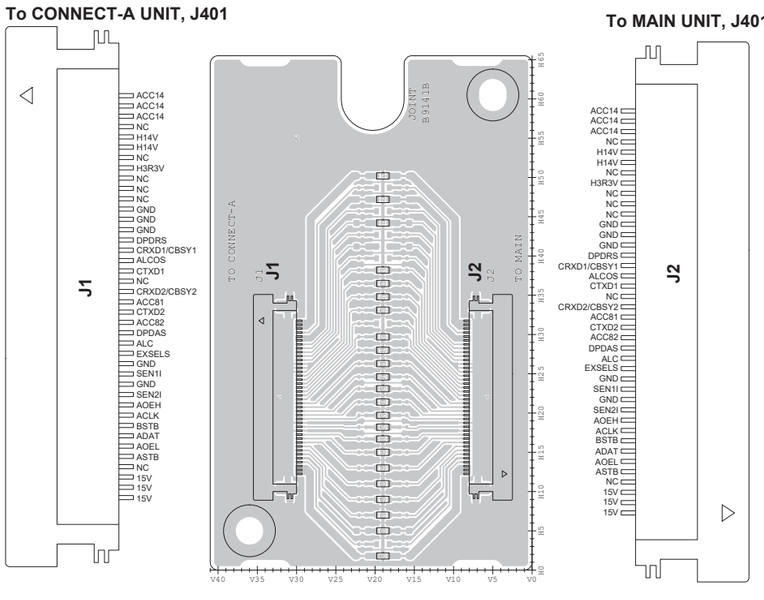
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

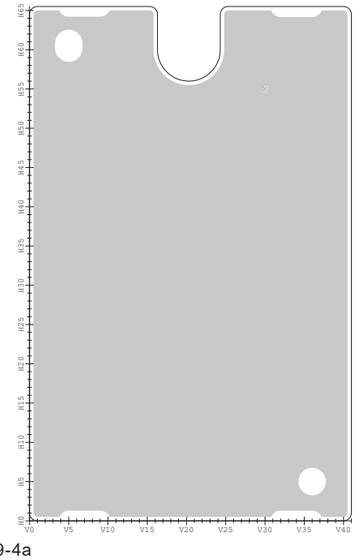
- **MAIN UNIT (B-9135E: <u>For [#12] and [#13]</u>)**
  (Bottom view)



- **JOINT UNIT (B-9141B)**
  (Top view)



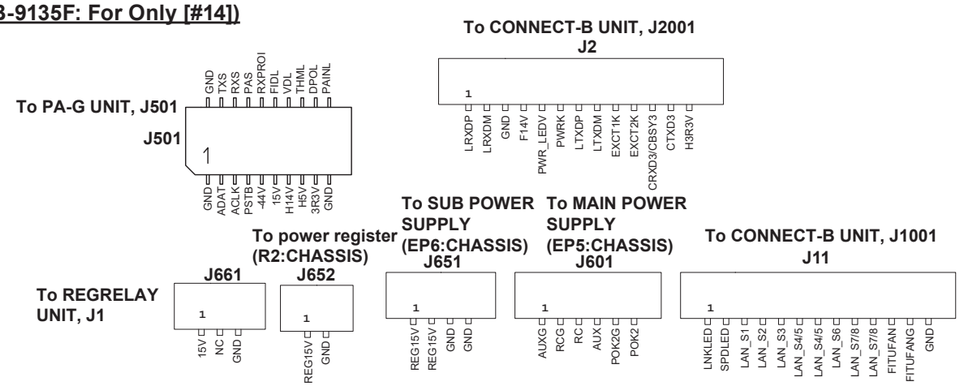
(Bottom view)

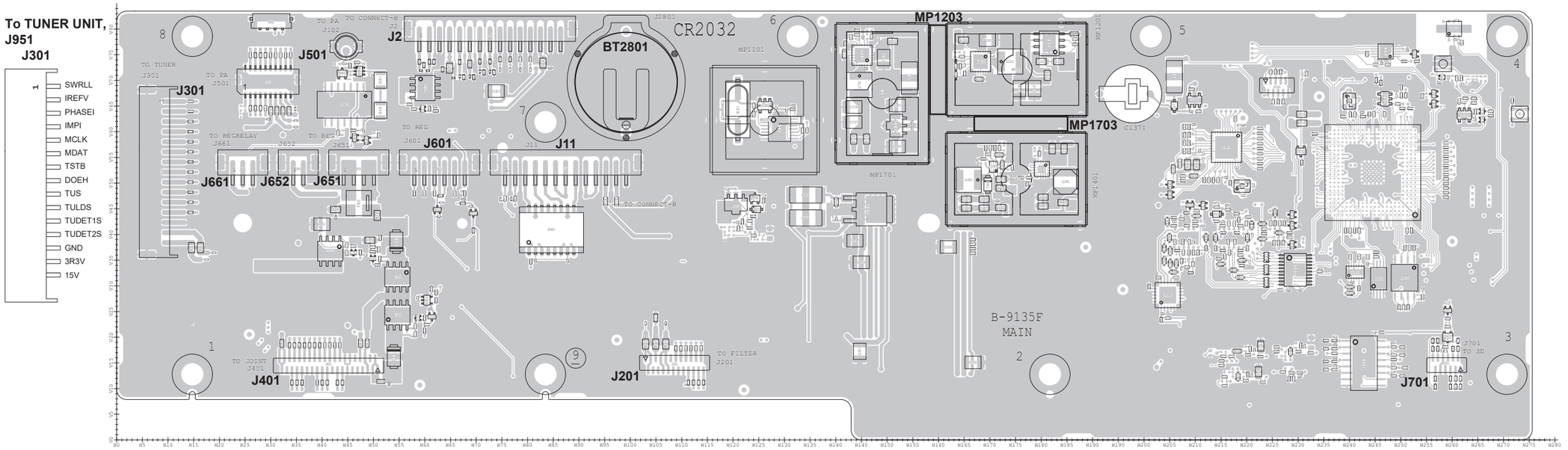


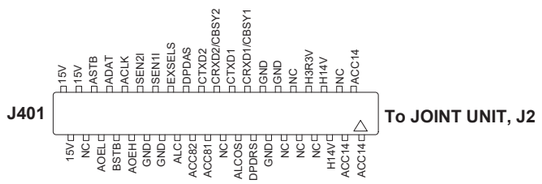
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

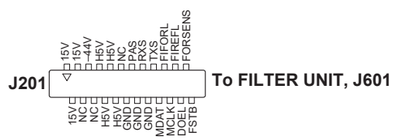
The underlined parts have been updated from the addendum of the previous version, or from the original page.

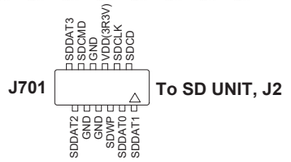
- **MAIN UNIT (B-9135F: For Only [#14])**
  (Top view)







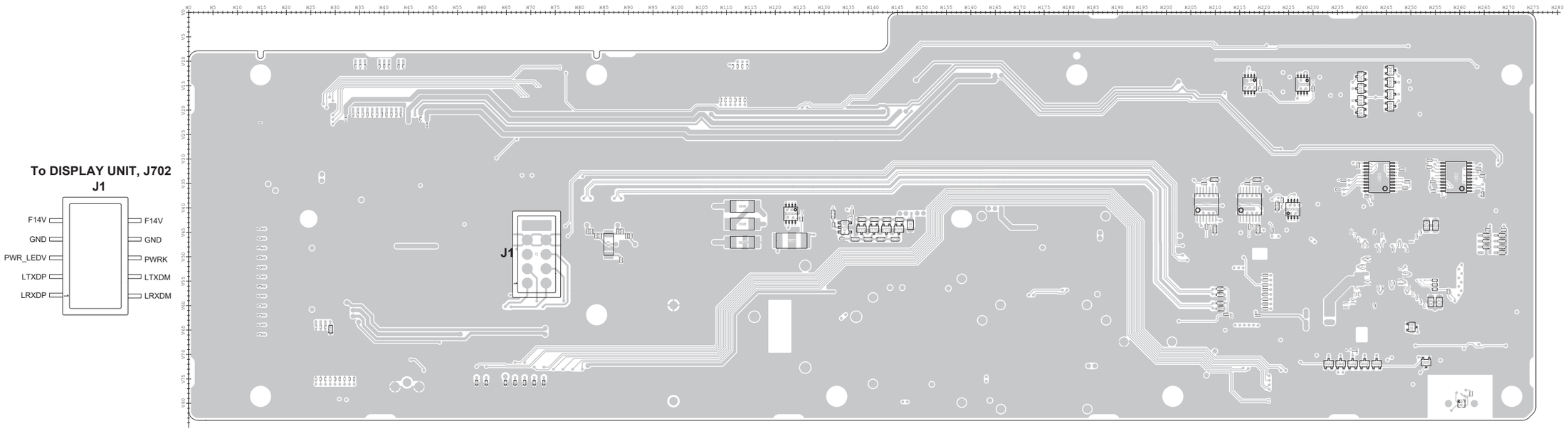




NOTE: The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

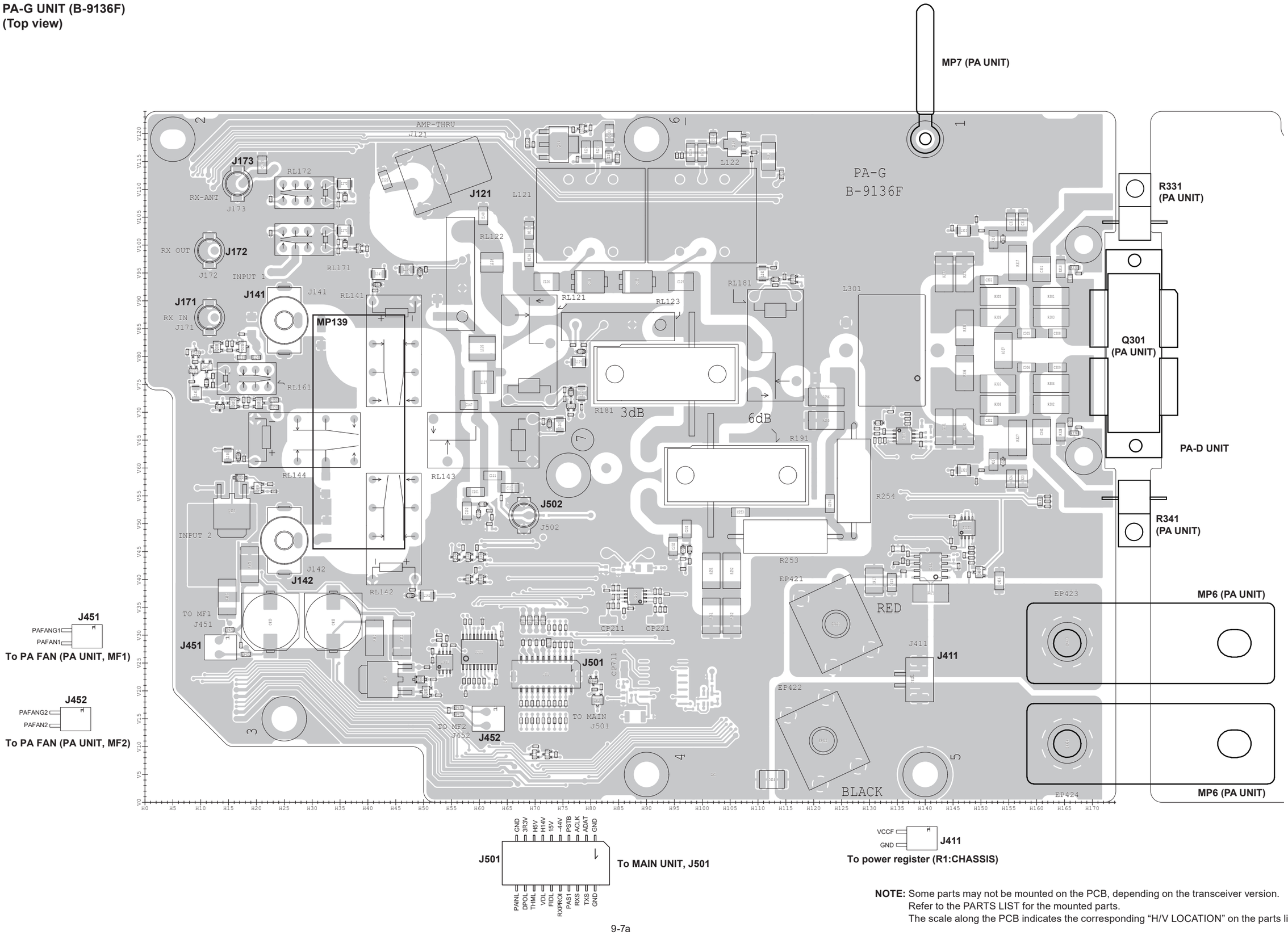
- **MAIN UNIT (B-9135F: For Only [#14])**
  (Bottom view)



NOTE: The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

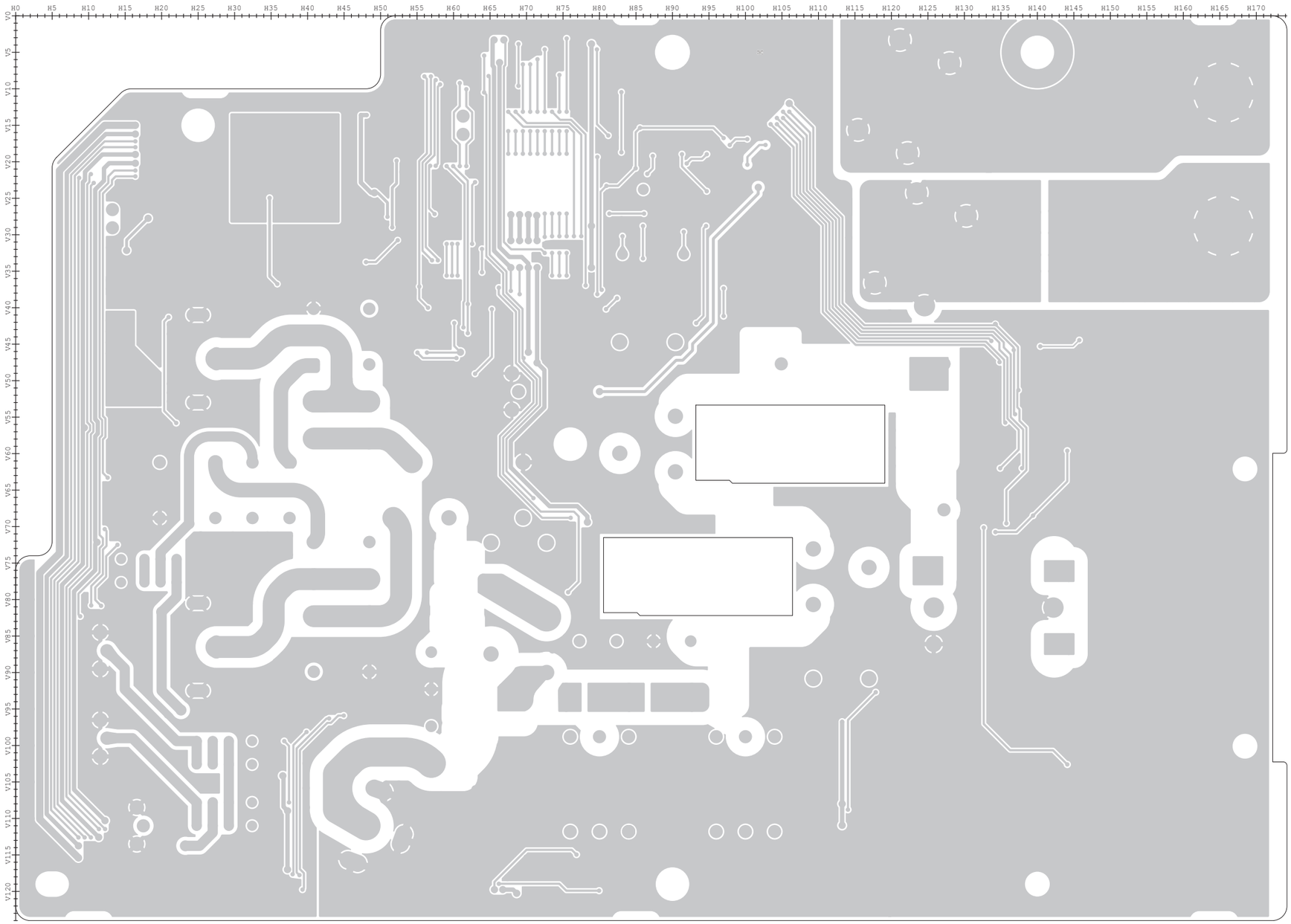
- **PA-G UNIT (B-9136F)**
  (Top view)



NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

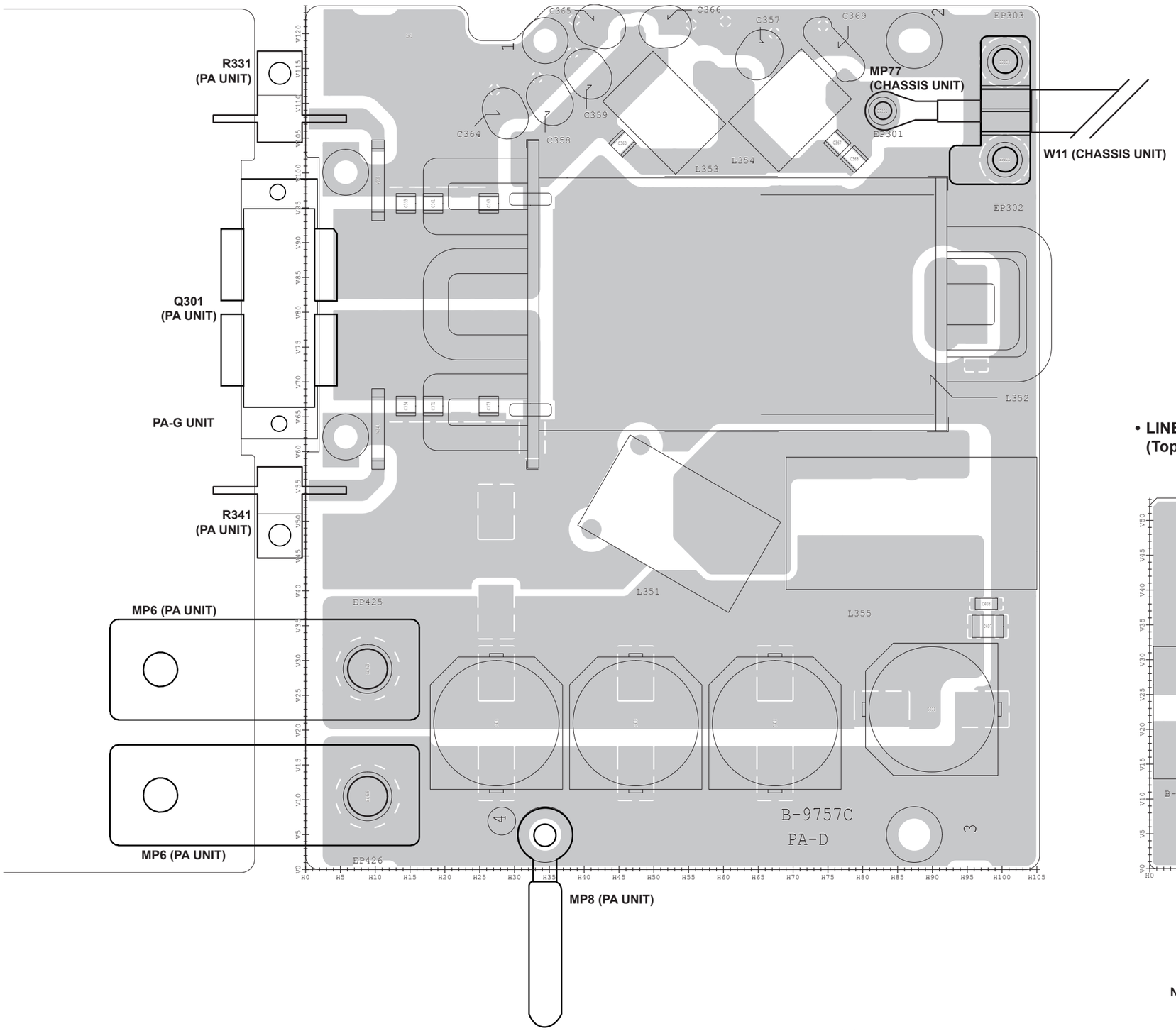
- **PA-G UNIT (B-9136F)**
  (Bottom view)



NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

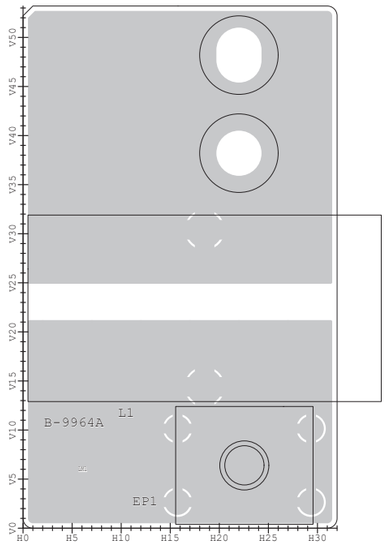
The underlined parts have been updated from the addendum of the previous version, or from the original page.

• PA-D UNIT (B-9757C)
(Top view)

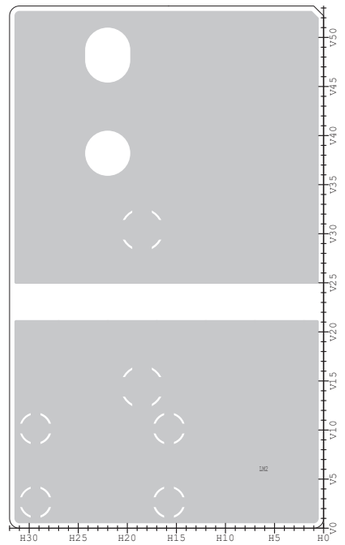


• LINE-FILTER UNIT (B-9964A)

(Top view)



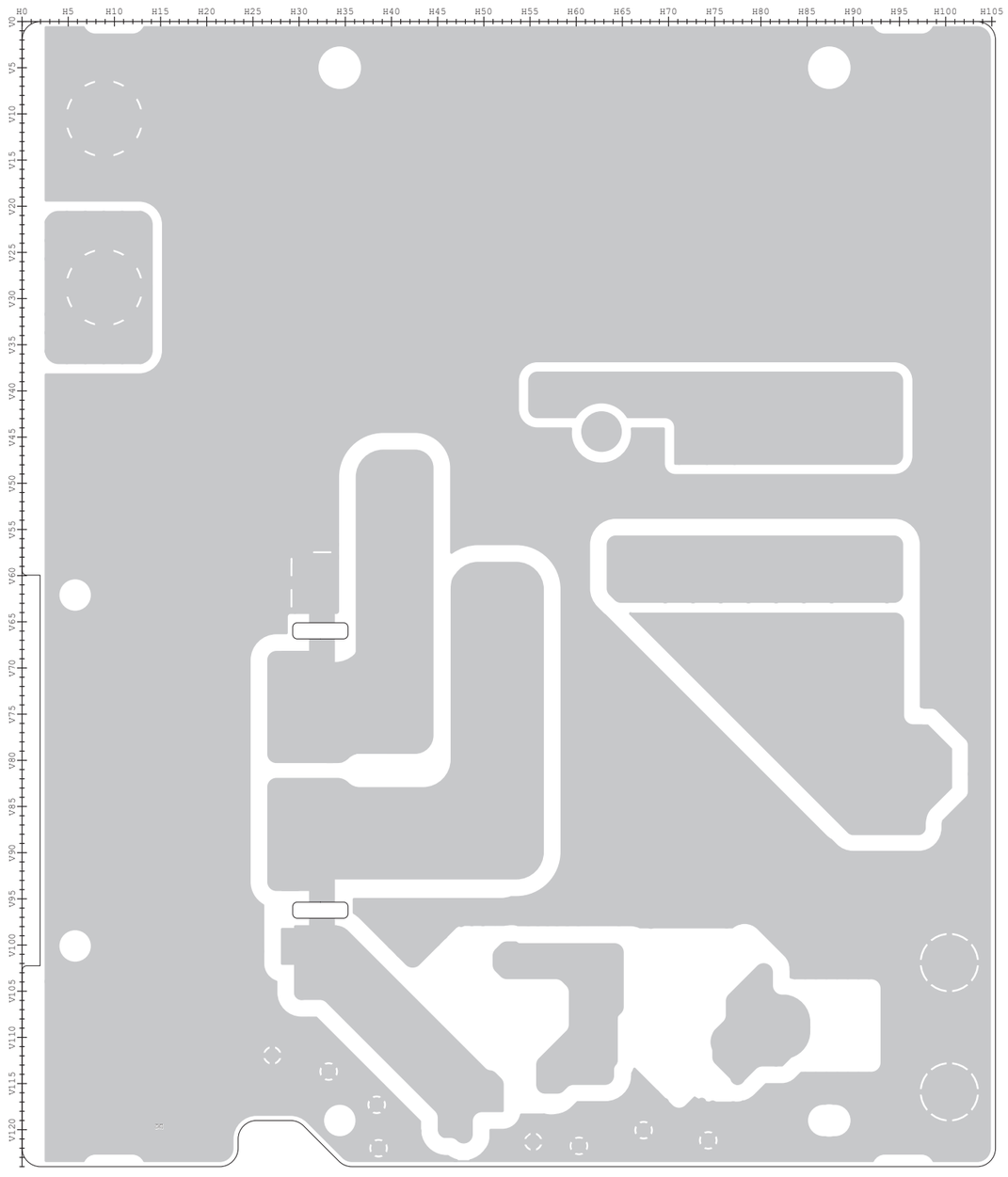
(Bottom view)



NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

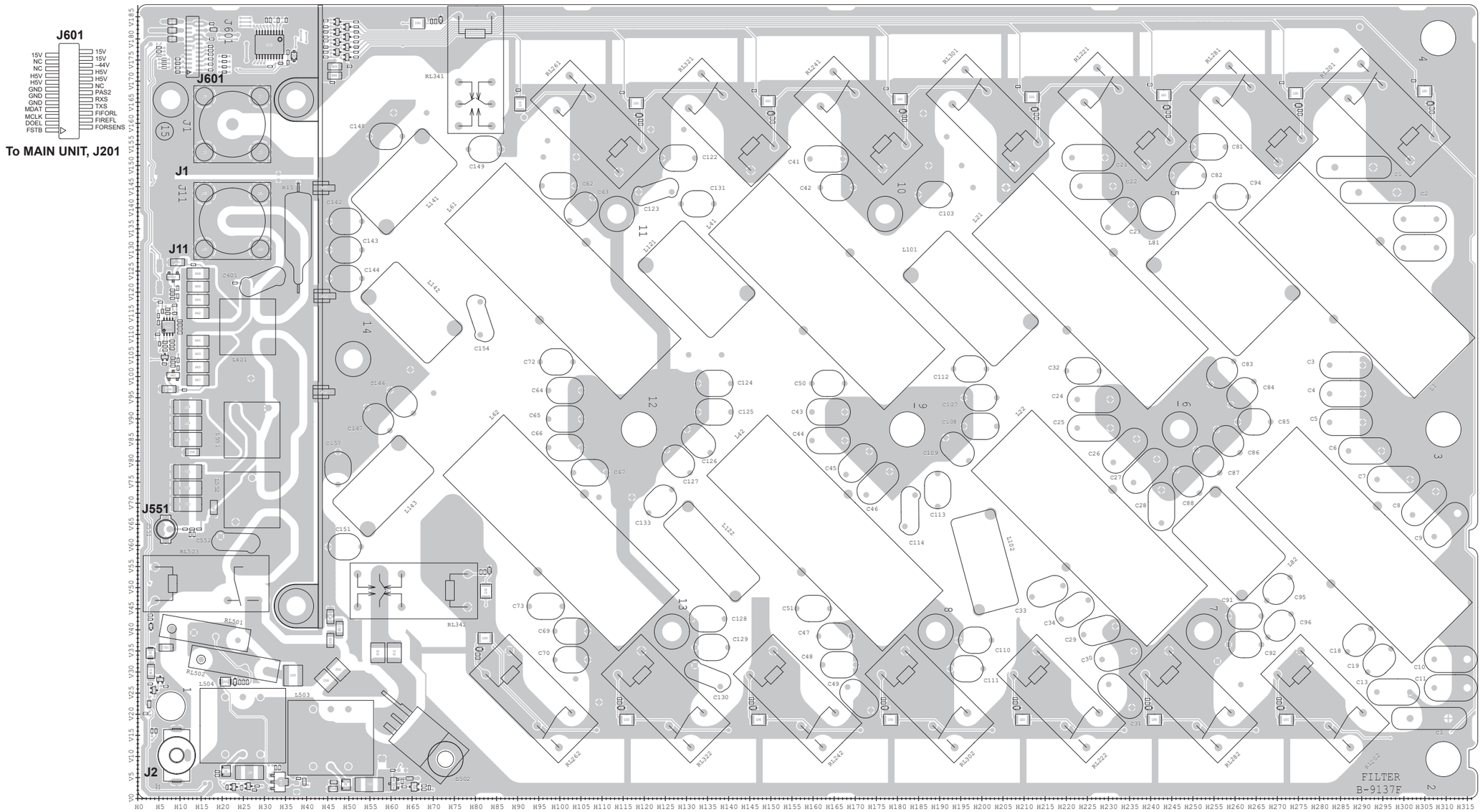
- **PA-D UNIT (B-9757C)**
  (Bottom view)



NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

- **FILTER UNIT (B-9137F)**
  (Top view)

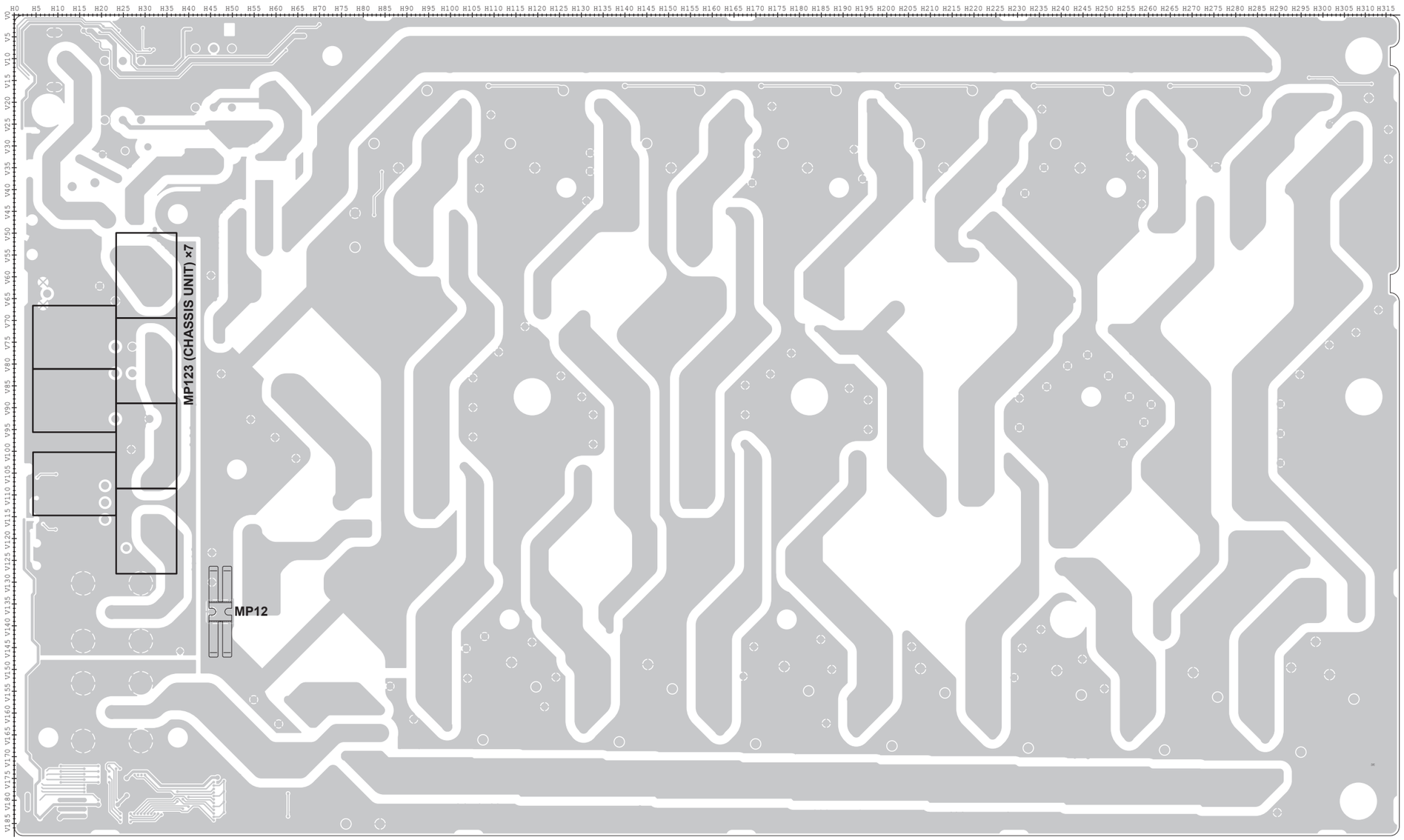


NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

(Amended page)

The underlined parts have been updated from the addendum of the previous version, or from the original page.

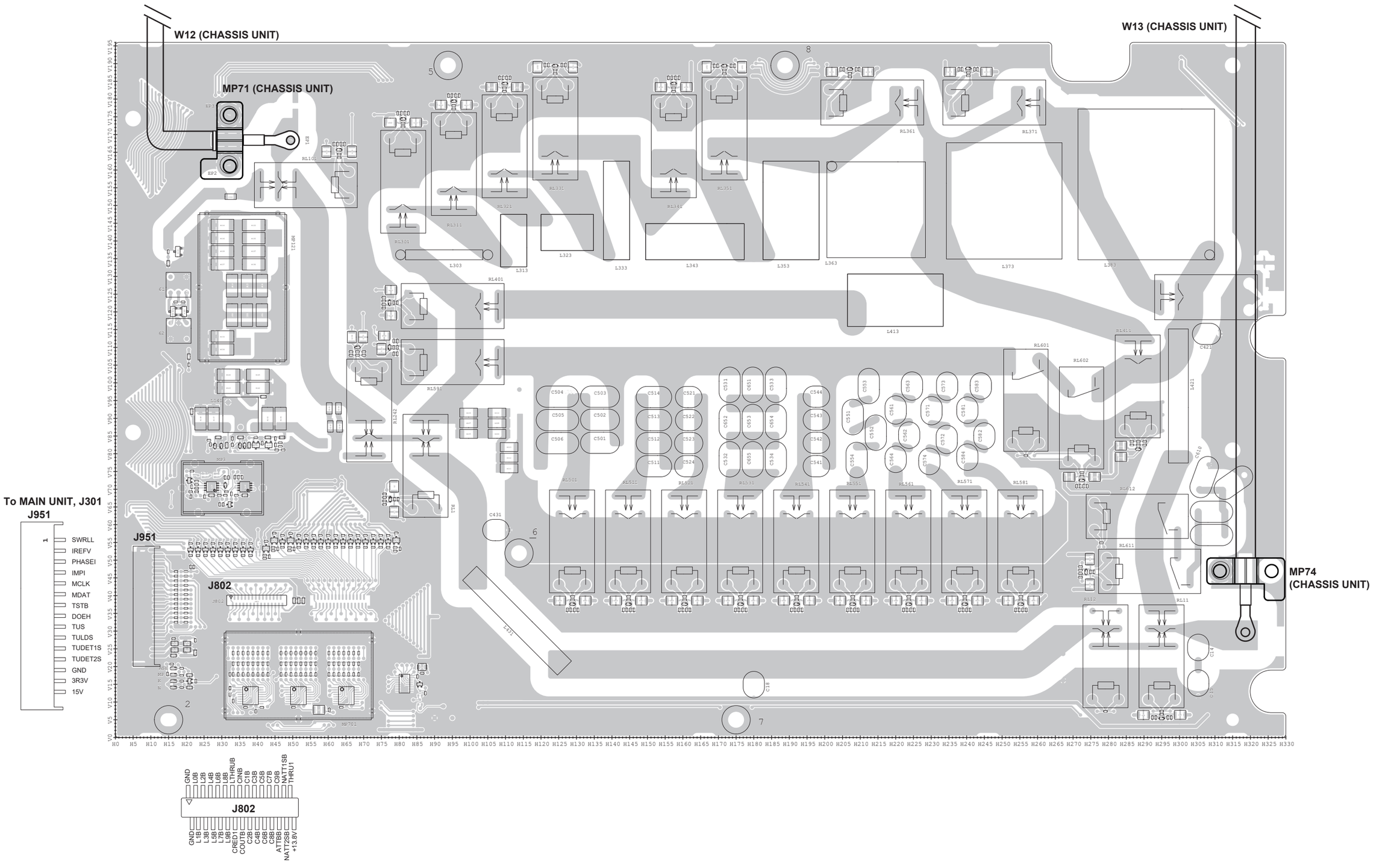
- **FILTER UNIT (B-9137F)**
  (Bottom view)



NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

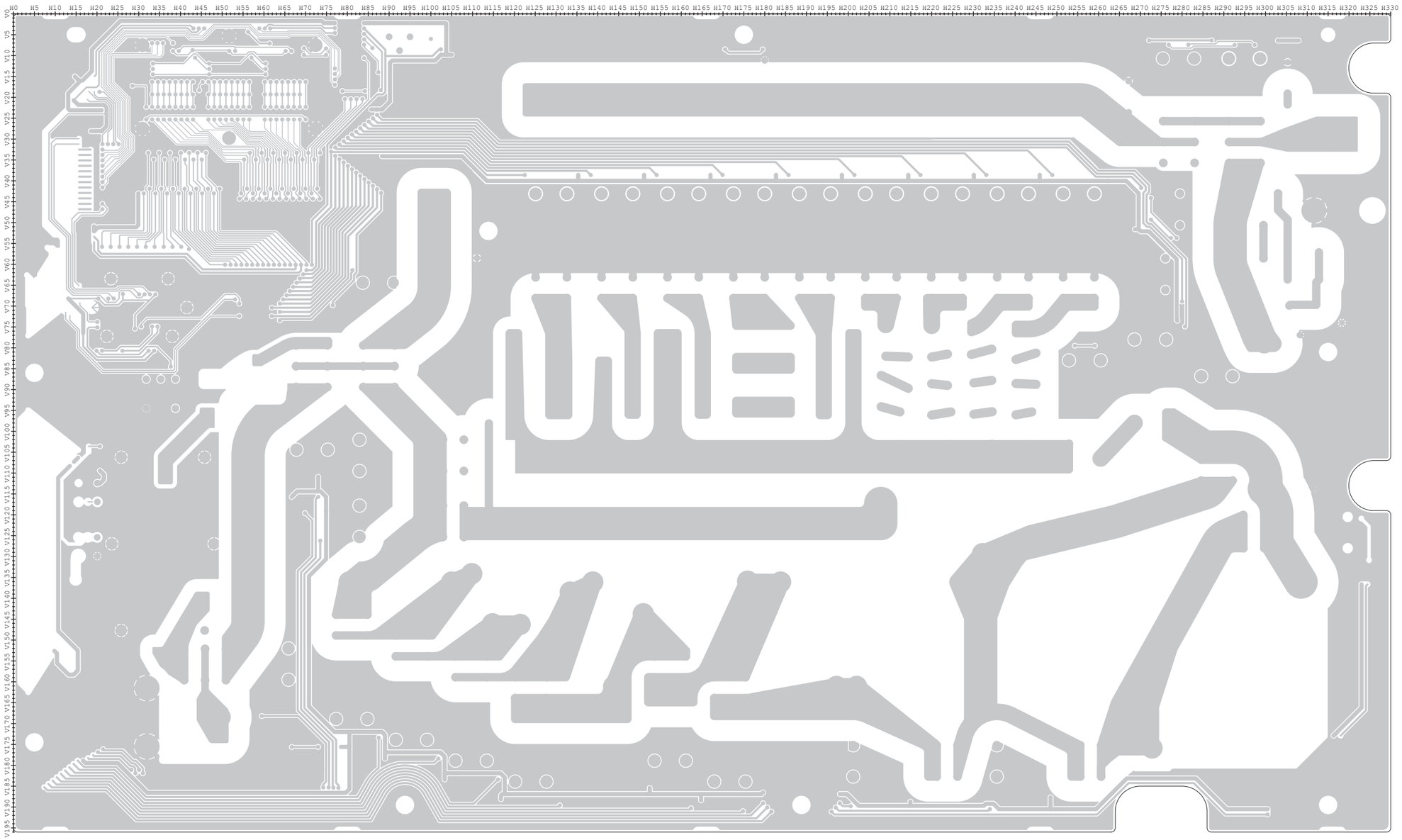
- **TUNER UNIT (B-9138E)**
  (Top view)



NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

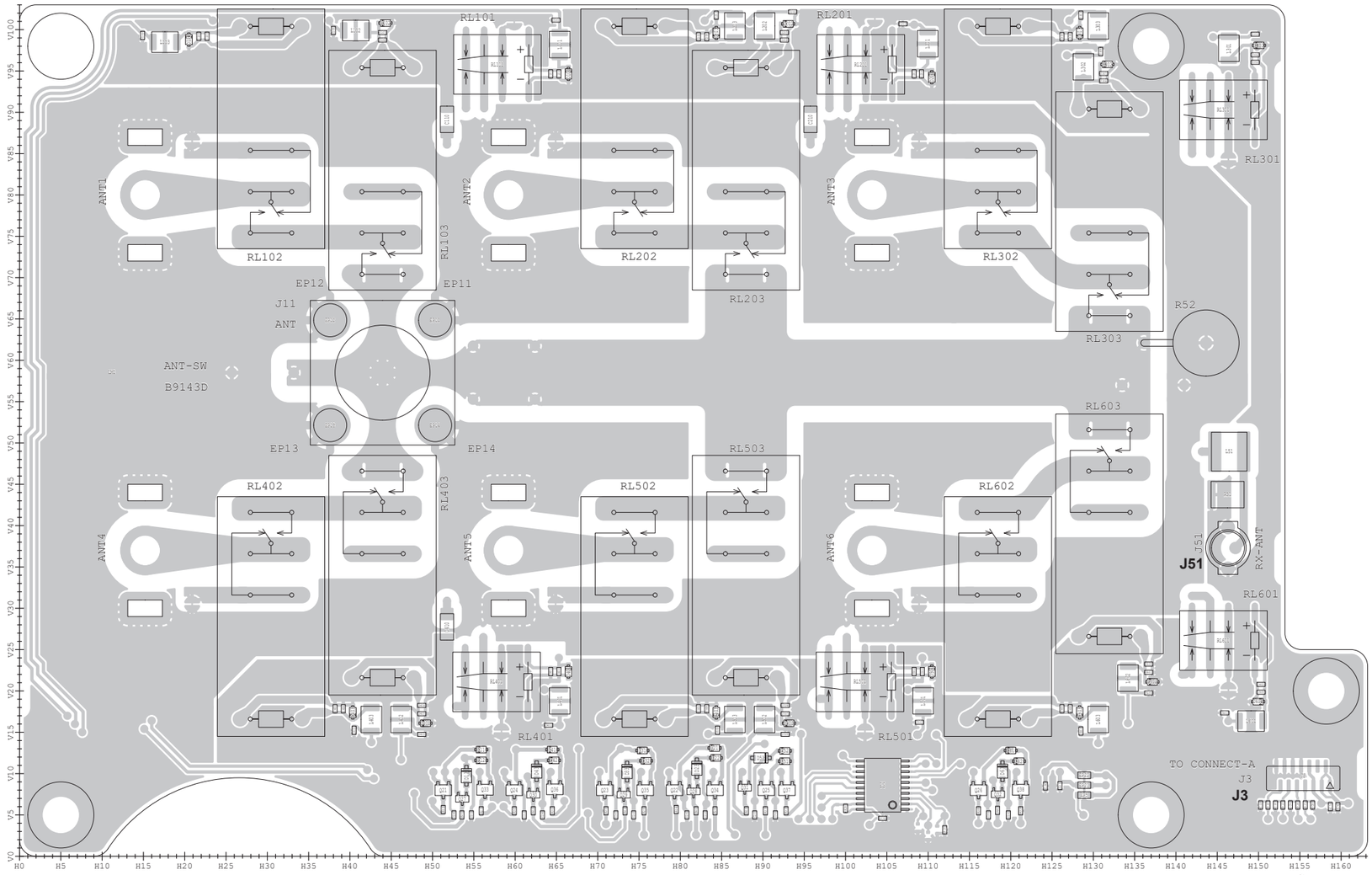
- **TUNER UNIT (B-9138E)**
  (Bottom view)

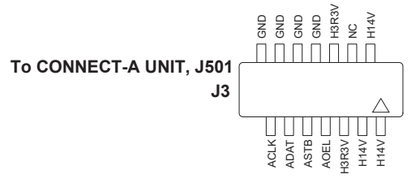


NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

- **ANT-SW UNIT (B-9143D)**
  (Top view)

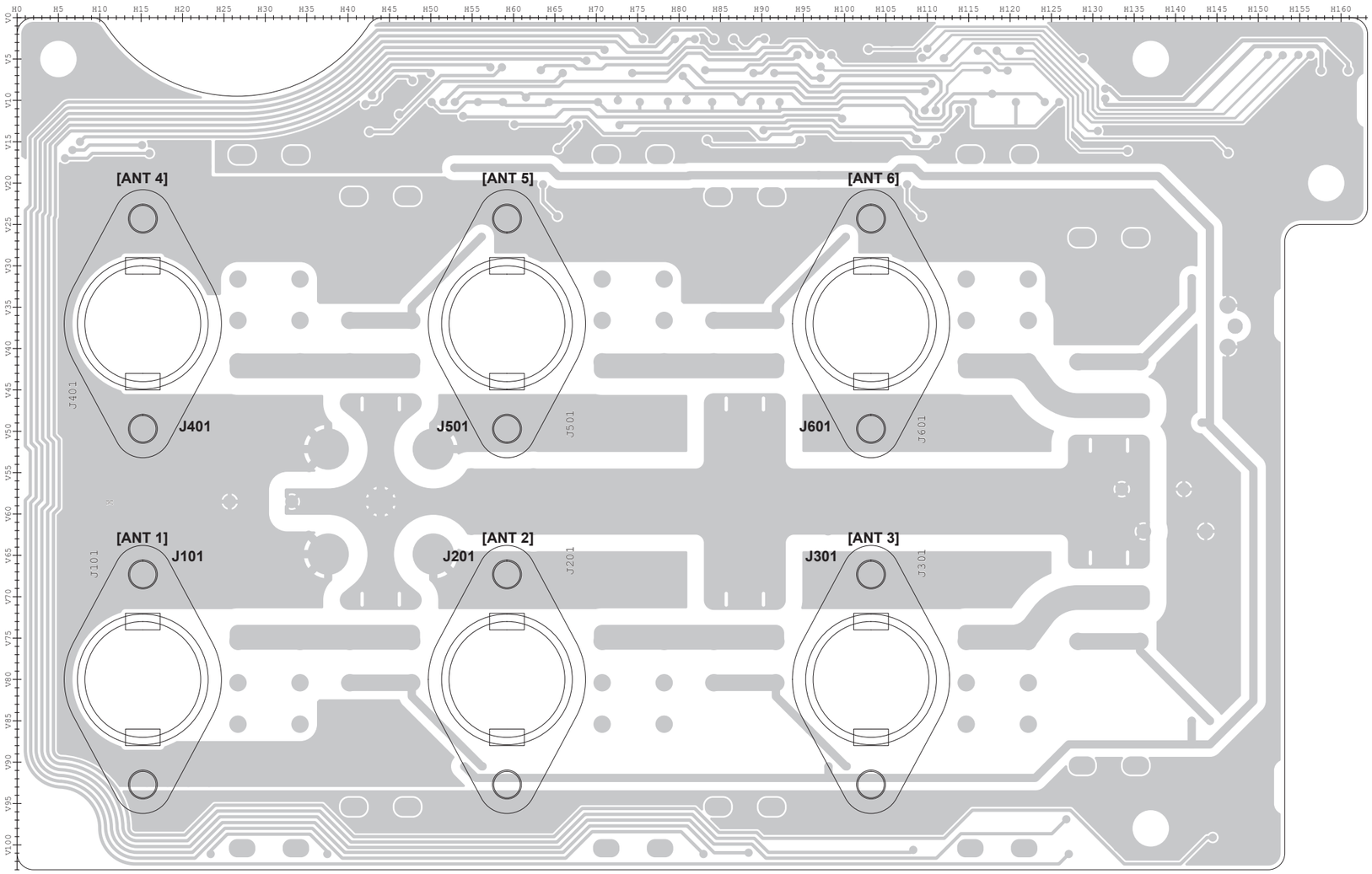




NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

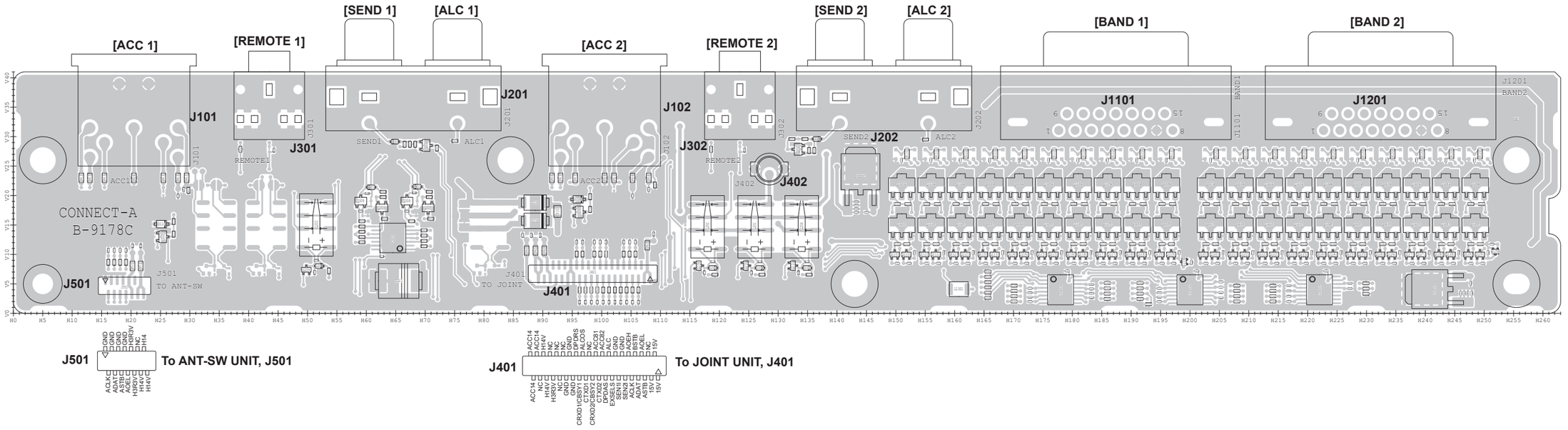
- **ANT-SW UNIT (B-9143D)**
  (Bottom view)



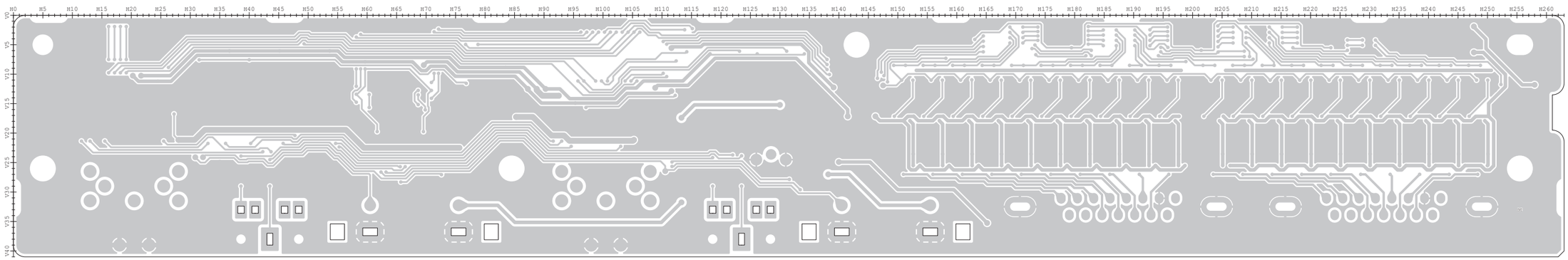
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

- **CONNECT-A UNIT (B-9178C)**
  (Top view)



(Bottom view)

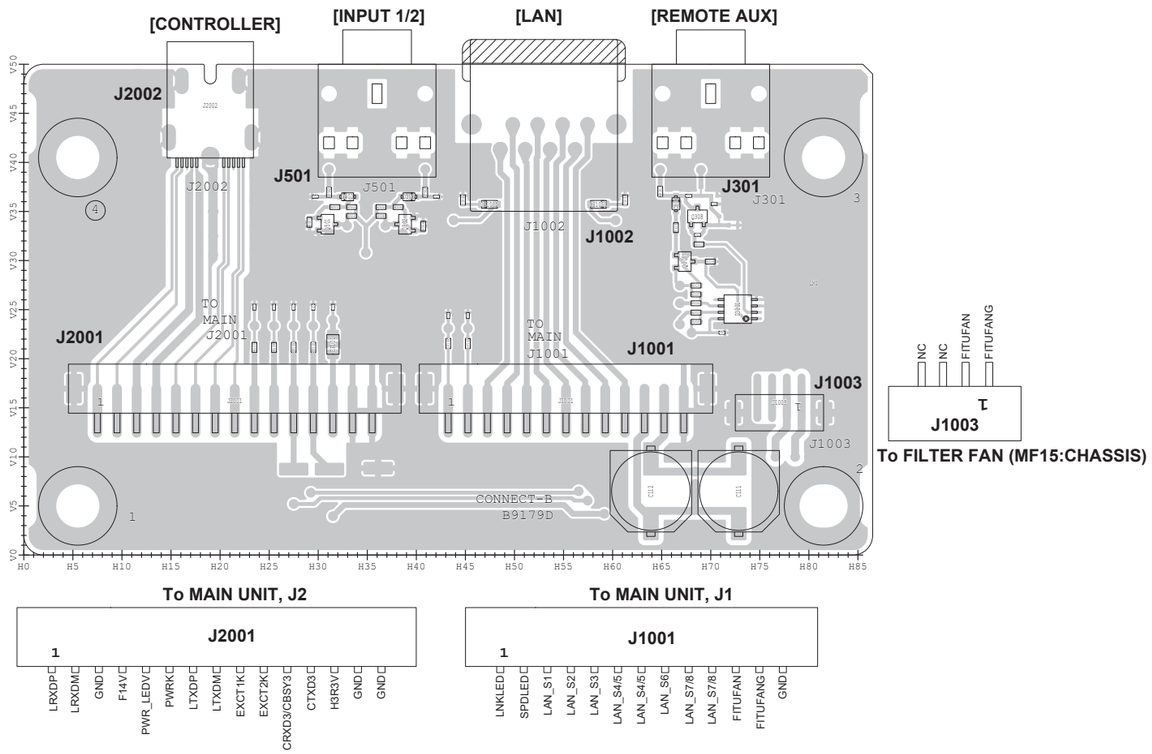


NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

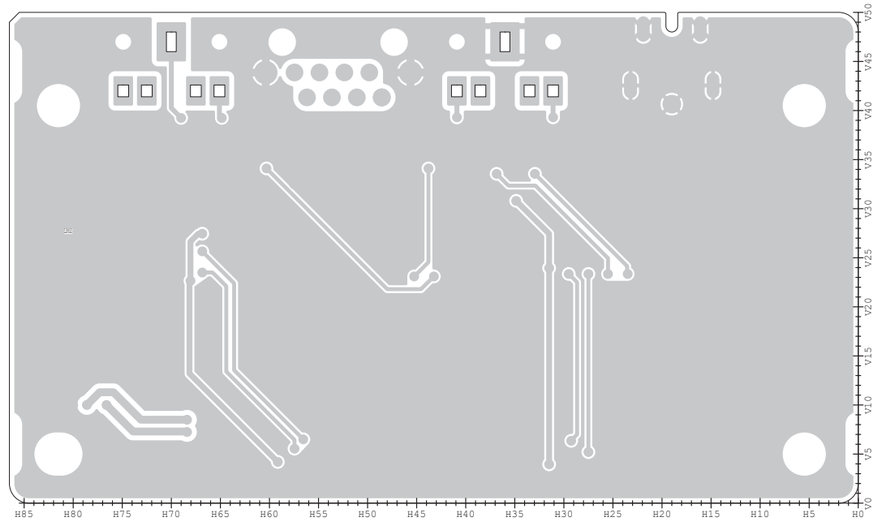
The underlined parts have been updated from the addendum of the previous version, or from the original page.

• CONNECT-B UNIT (B-9179D)

(Top view)

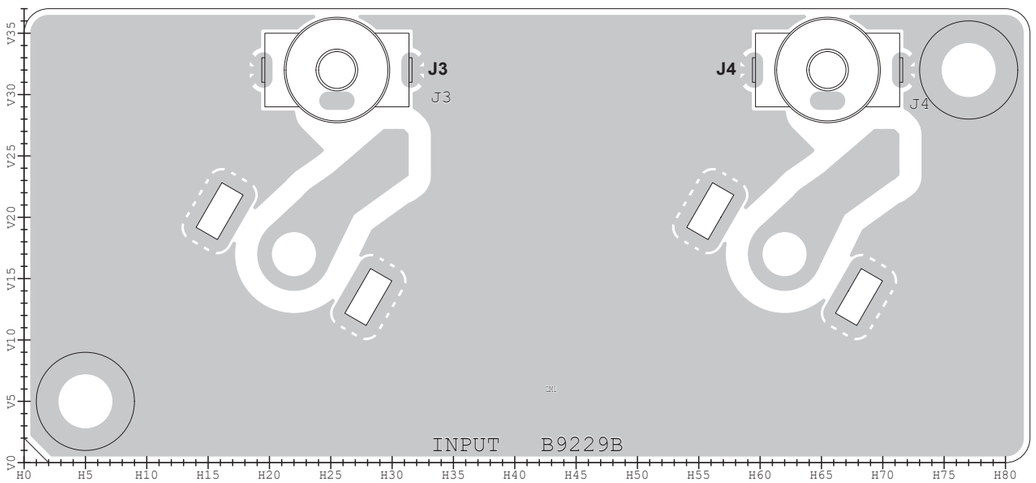


(Bottom view)

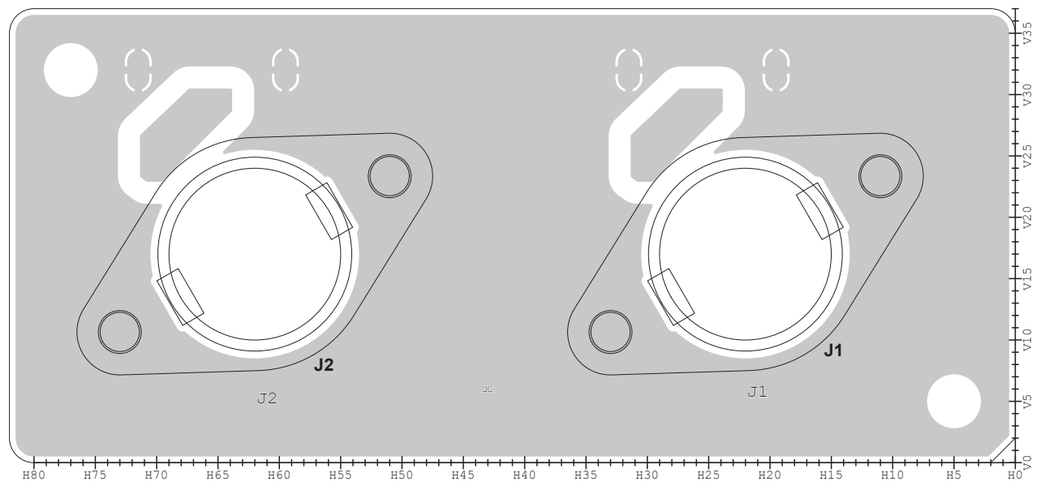


• INPUT UNIT (B-9229B)

(Top view)



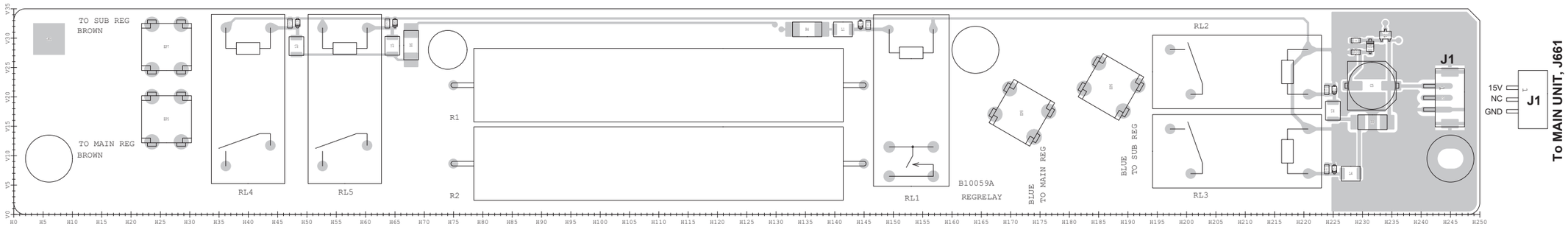
(Bottom view)



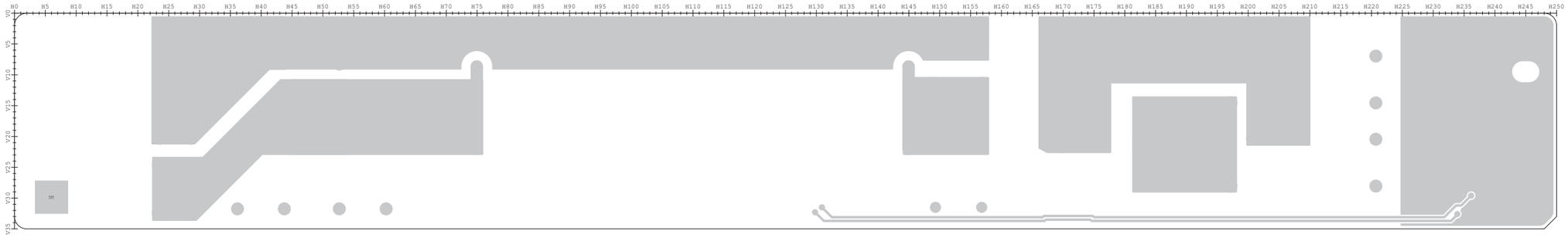
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

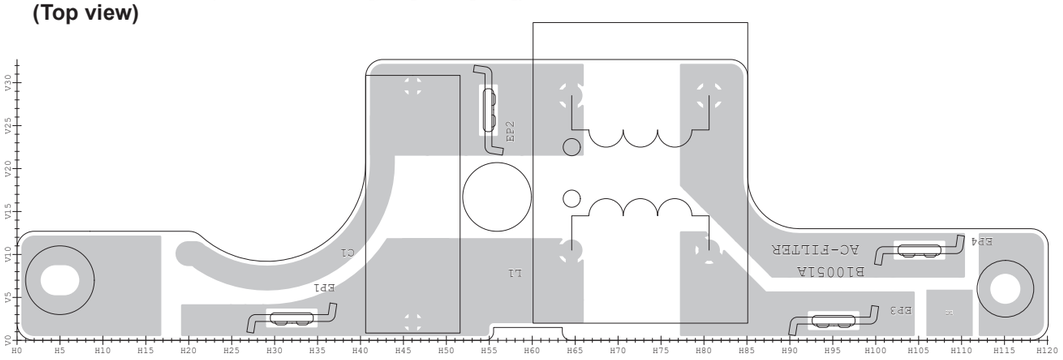
- **REGRELAY UNIT (B-10059A)**
  (Top view)



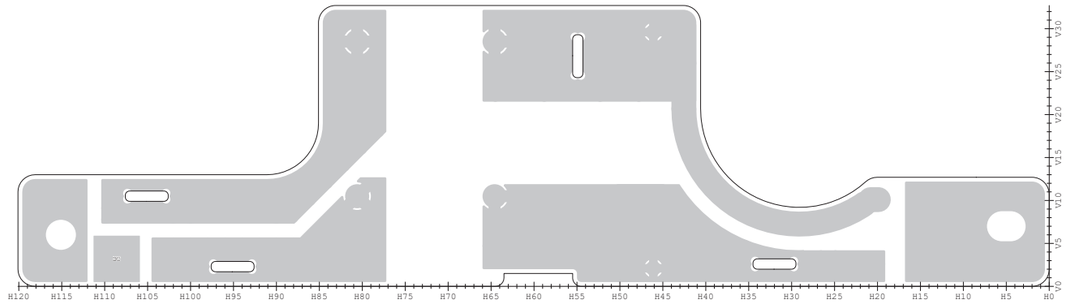
(Bottom view)



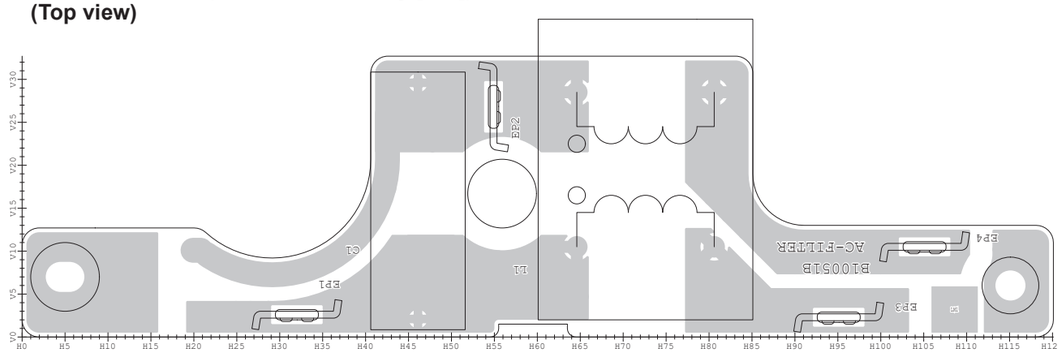
- **AC-FILTER UNIT (B-10051A: <u>For [#12] and [#13]</u>)**
  (Top view)



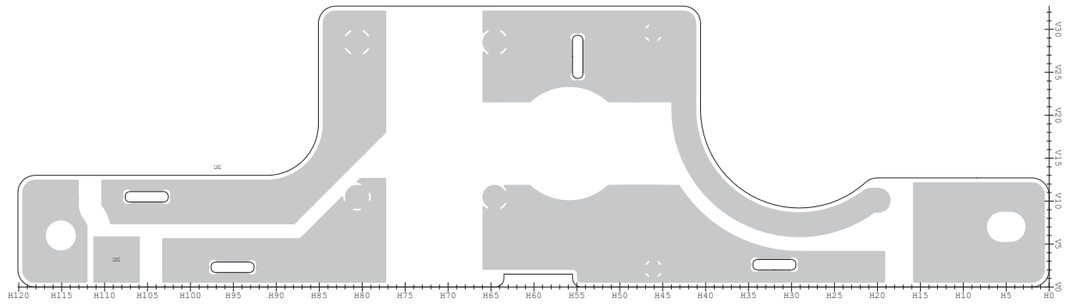
(Bottom view)



- **<u>AC-FILTER UNIT (B-10051B: For only [#14])</u>**
  (Top view)



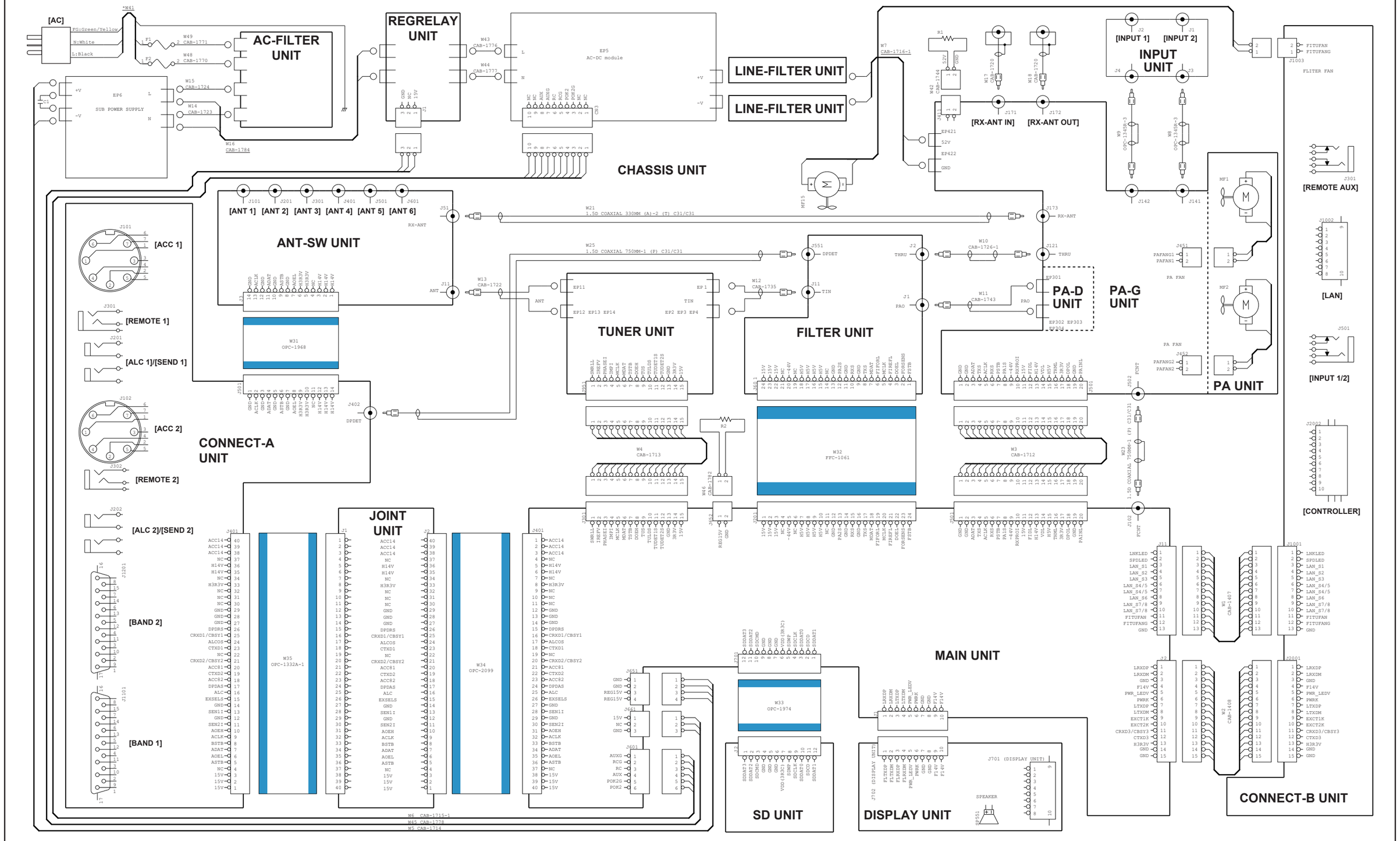
(Bottom view)



NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

SECTION 10 GENERAL WIRING

The underlined parts have been updated from the addendum of the previous version, or from the original page.

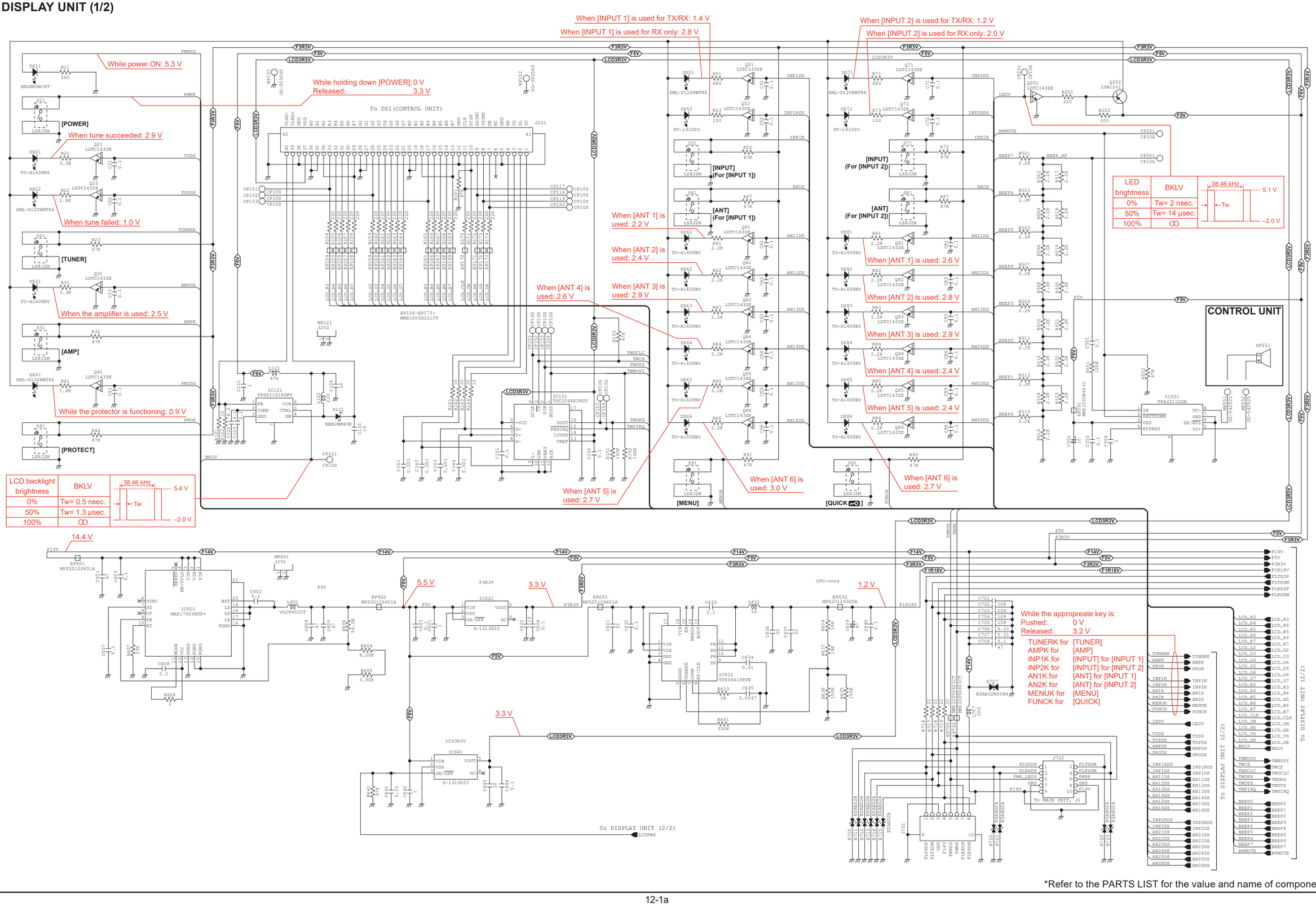


*Refer to the Mechanical Parts list.

SECTION 12 VOLTAGE DIAGRAM

The underlined parts have been updated from the addendum of the previous version, or from the original page.

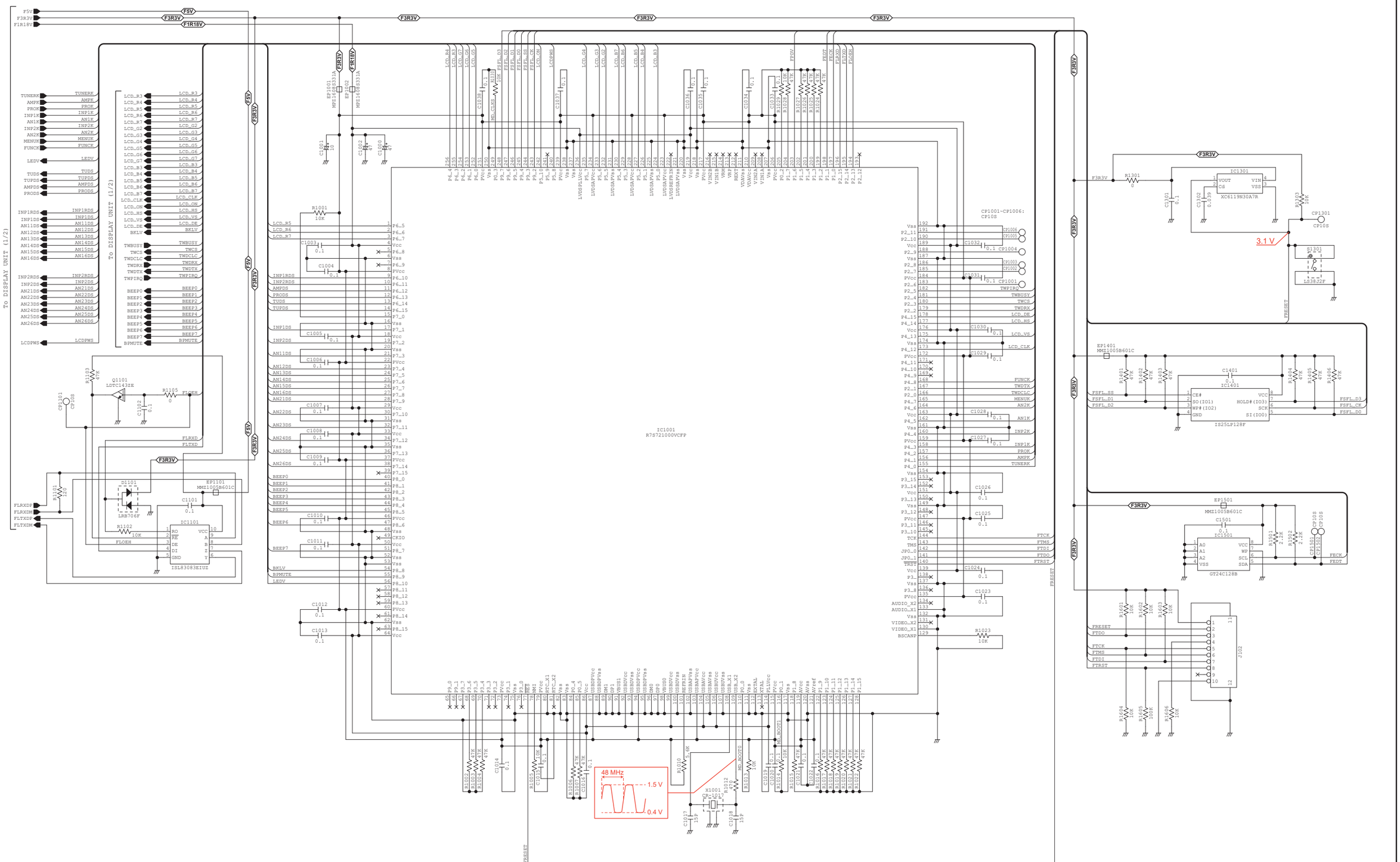
• DISPLAY UNIT (1/2)



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

The underlined parts have been updated from the addendum of the previous version, or from the original page.

• DISPLAY UNIT (2/2)

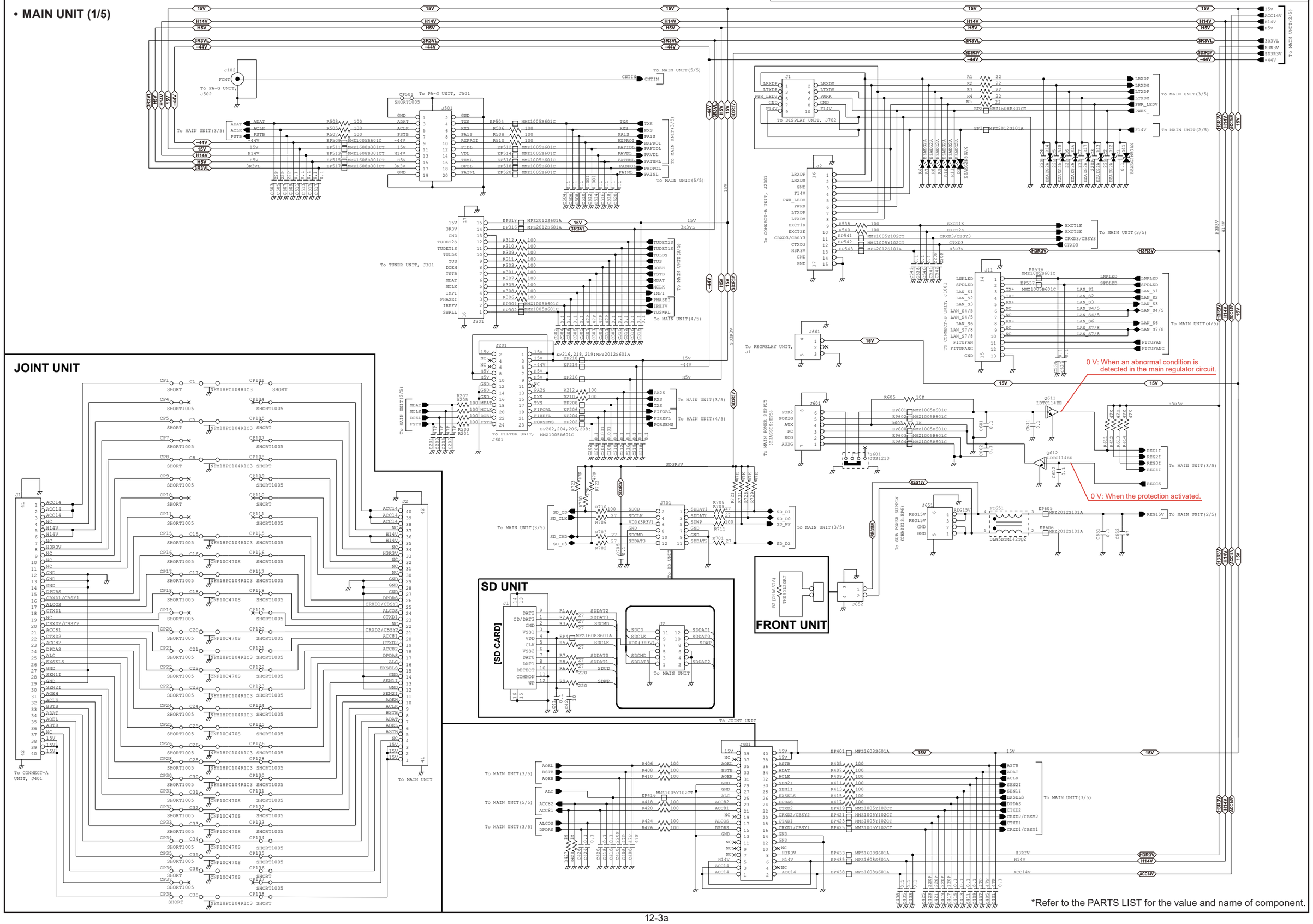


*Refer to the PARTS LIST for the value and name of component.

(Amended page)

The underlined parts have been updated from the addendum of the previous version, or from the original page.

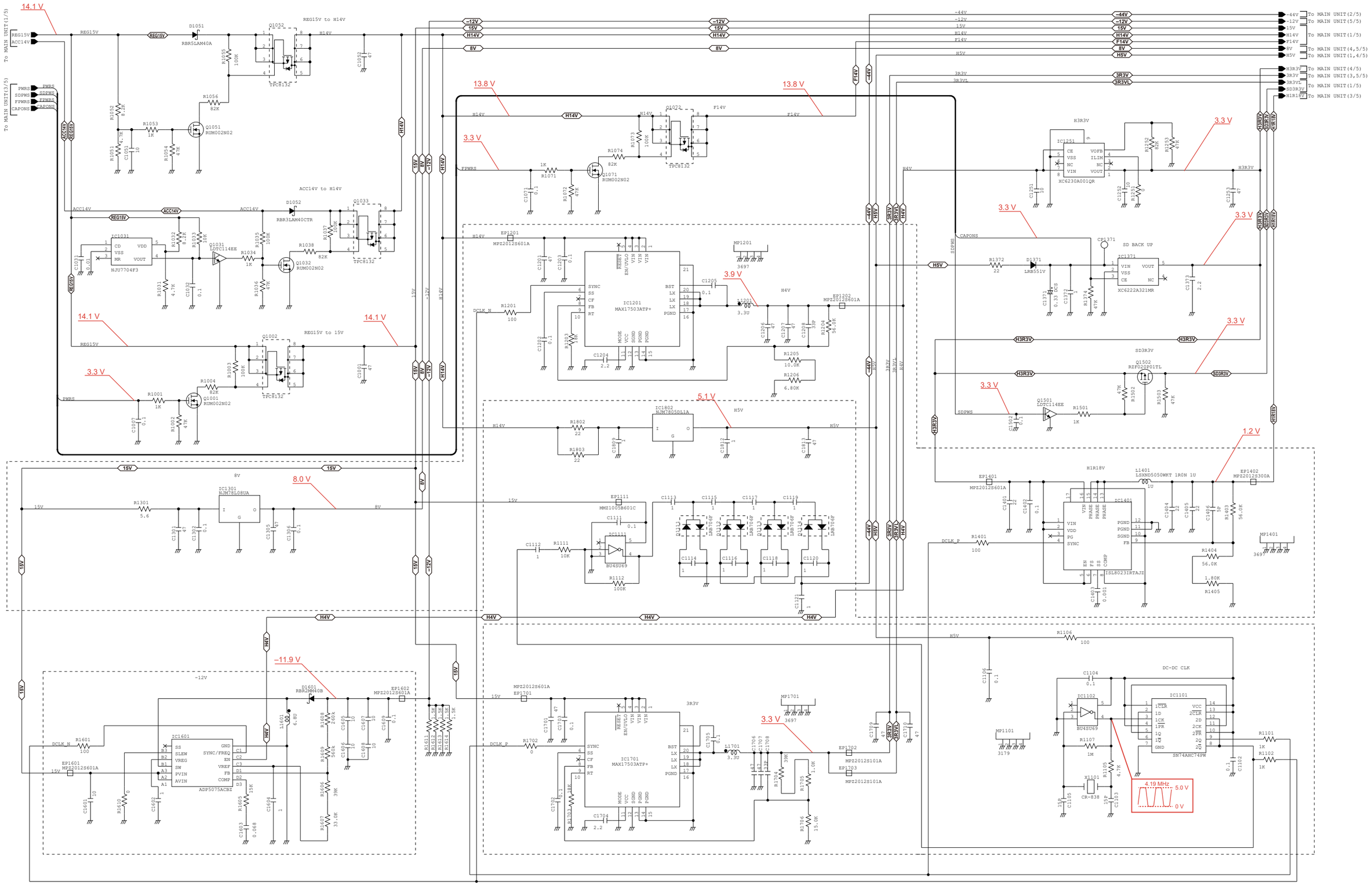
• MAIN UNIT (1/5)



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

The underlined parts have been updated from the addendum of the previous version, or from the original page.

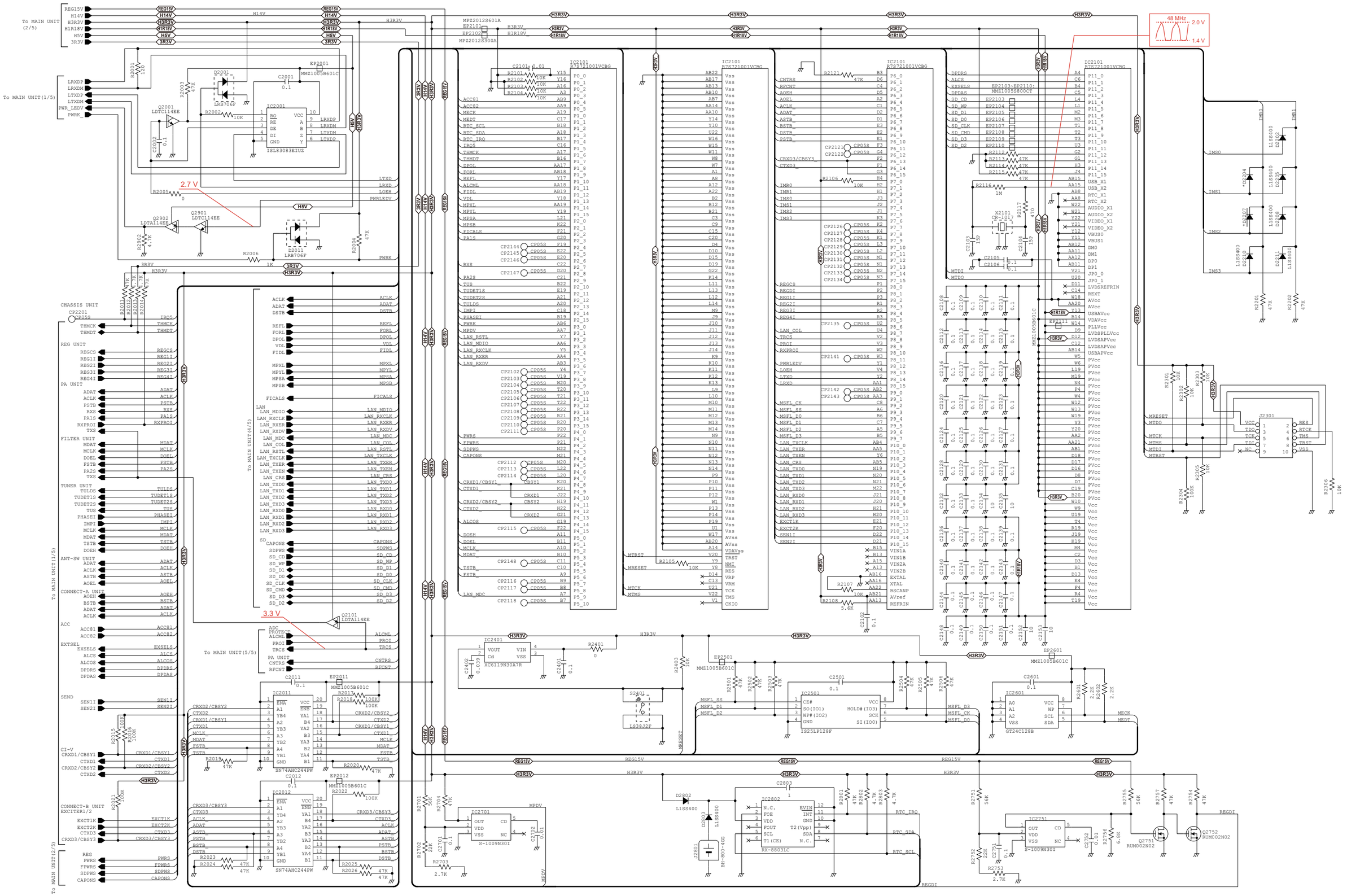
• MAIN UNIT (2/5)



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

The underlined parts have been updated from the addendum of the previous version, or from the original page.

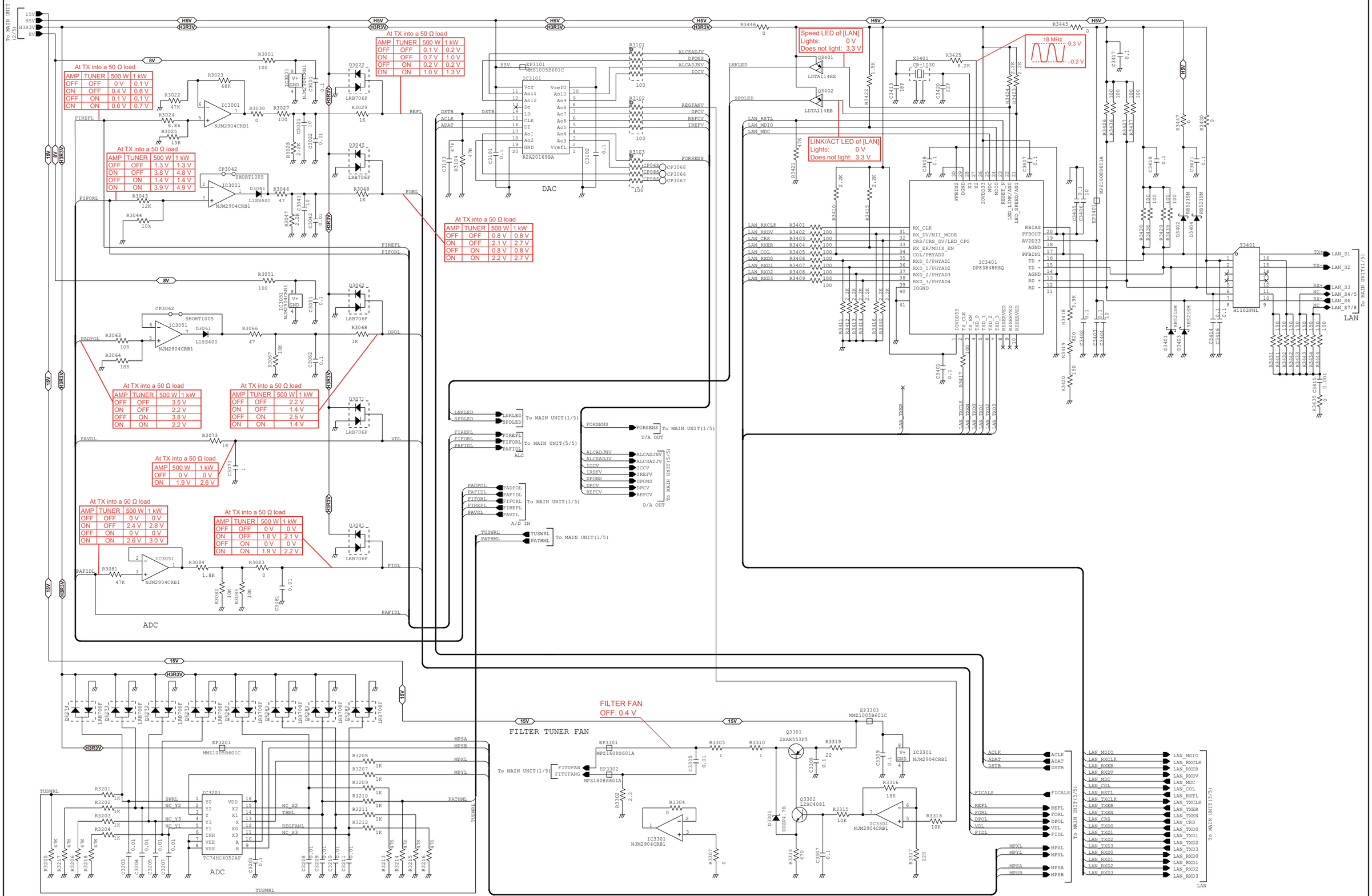
• MAIN UNIT (3/5)



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

The underlined parts have been updated from the addendum of the previous version, or from the original page.

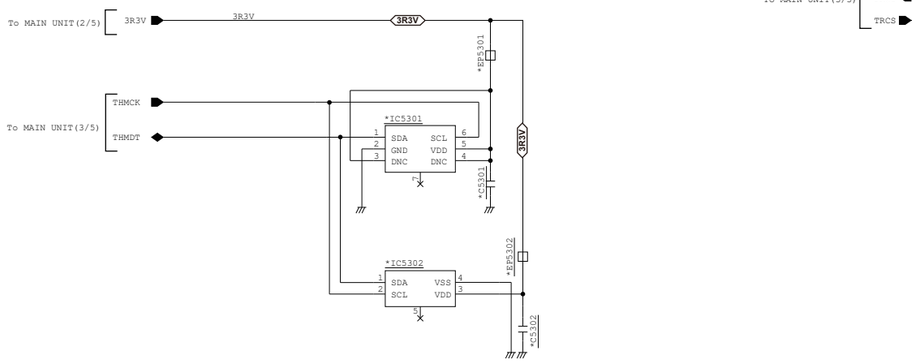
• MAIN UNIT (4/5)

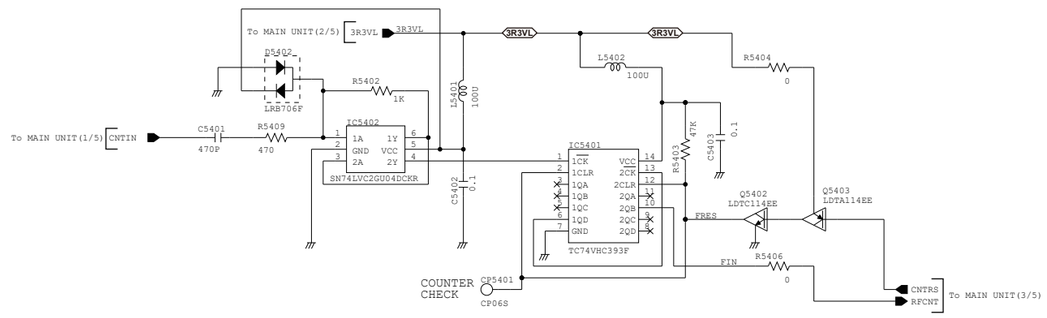


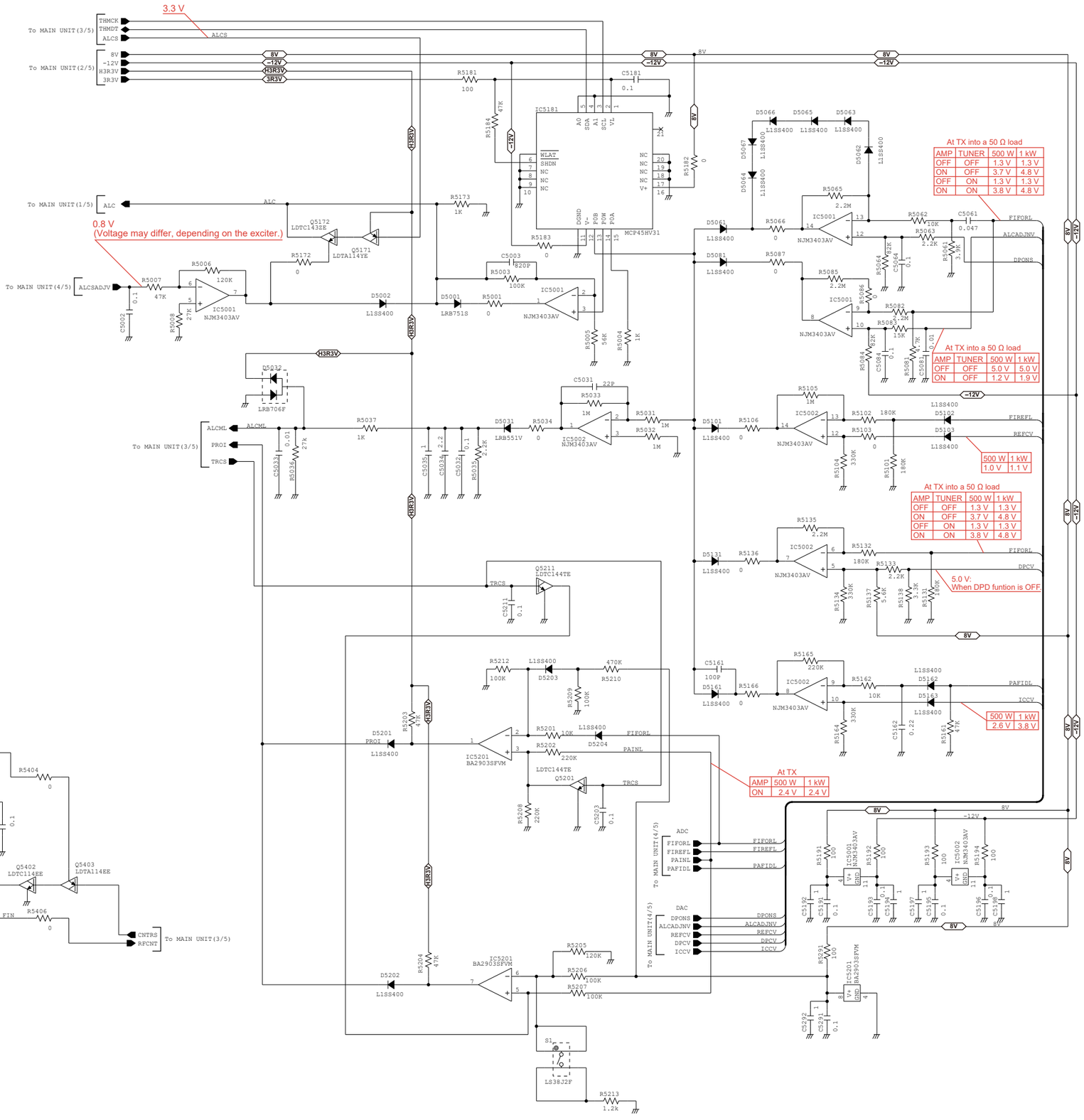
*Refer to the PARTS LIST for the value and name of component.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

• MAIN UNIT (5/5)





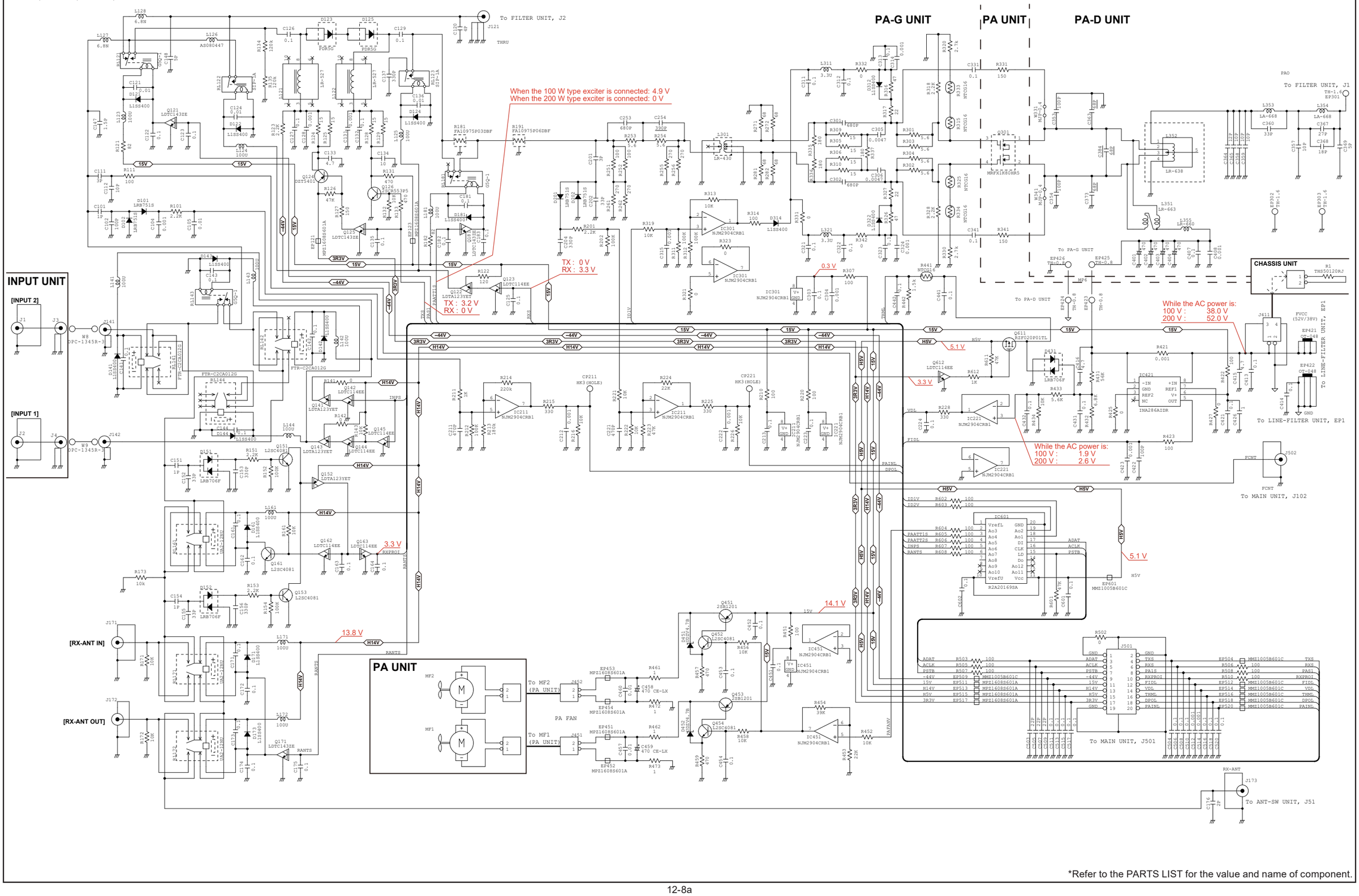


*Refer to the PARTS LIST for the value and name of component.

(Amended page)

The underlined parts have been updated from the addendum of the previous version, or from the original page.

• PA, PA-G, PA-D, and INPUT UNITS


INPUT UNIT
[INPUT 2]
[INPUT 1]
[RX-ANT IN]
[RX-ANT OUT]
PA UNIT
PA-G UNIT
PA UNIT
PA-D UNIT
CHASSIS UNIT
To FILTER UNIT, J2
To FILTER UNIT, J1
To LINE-FILTER UNIT, EP1
To MAIN UNIT, J102
To MAIN UNIT, J501
To ANT-SW UNIT, J51
To PA-G UNIT
To PA-D UNIT
When the 100 W type exciter is connected: 4.9 V
When the 200 W type exciter is connected: 0 V
TX : 0 V
RX : 3.3 V
TX : 3.2 V
RX : 0 V
0.3 V
14.1 V
13.8 V
3.3 V
5.1 V
3.3 V
While the AC power is:
100 V : 38.0 V
200 V : 52.0 V
While the AC power is:
100 V : 1.9 V
200 V : 2.6 V
PA FAN
MF1
MF2
IC211 NJM2904CRB1
IC221 NJM2904CRB1
IC301 NJM2904CRB1
IC451 NJM2904CRB1
IC601 R2A20169SA
INA286AIDR
Q121 LDTC1432E
Q122 LDTA123YET
Q123 LDTC114EE
Q126 2SC5553P5
Q141 LDTA123YET
Q142 LDTC114EE
Q143 LDTA123YET
Q144 LDTC114EE
Q145 LDTC114EE
Q151 L2SC4081
Q152 LDTA123YET
Q153 L2SC4081
Q161 L2SC4081
Q162 LDTC114EE
Q163 LDTC114EE
Q171 LDTC143ZE
Q451 2SB1201
Q452 L2SC4081
Q453 2SB1201
Q454 L2SC4081
Q611 RZF020P01TL
Q612 LDTC114EE
Q124 DDTS401
Q301 MRFX1K80HR5
D101 LRB751S
D102 LRB751S
D121 LISS400
D122 LISS400
D123 PDR5G
D124 LISS400
D125 PDR5G
D131 LISS400
D141 LISS400
D142 LISS400
D143 LISS400
D144 LISS400
D151 LRB706F
D152 LRB706F
D161 LISS400
D171 LISS400
D173 LISS400
D181 LISS400
D311 LISS400
D312 LISS400
D321 LISS400
D322 LISS400
D431 LRB706F
D451 DB2W47L7B
D452 DB2W47L7B
D601 MMZ1005B601C
EP121 MPZ1608S601A
EP123 MPZ1608S601A
EP426 TH-0.8
EP425 TH-0.8
EP424 TH-0.8
EP423 TH-0.8
EP421 OT-048
EP422 OT-048
EP451 MPZ1608S601A
EP452 MPZ1608S601A
EP453 MPZ1608S601A
EP454 MPZ1608S601A
EP601 MMZ1005B601C
EP504 MMZ1005B601C
EP506 MMZ1005B601C
EP508 MMZ1005B601C
EP512 MMZ1005B601C
EP514 MMZ1005B601C
EP516 MMZ1005B601C
EP518 MMZ1005B601C
EP520 MMZ1005B601C
J121 THRU
J141 OPC-1345R-3
J142 OPC-1345R-3
J171
J172
J173 RX-ANT
J411
J451
J452
J501
J502 FCNT
L121 1000
L122 100U
L123 1000
L124 100U
L126 AS080447
L127 6.8N
L128 6.8N
L141 1000
L142 1000
L143 1000
L144 100U
L161 1000
L171 100U
L172 100U
L301 LK-430
L311 3.3U
L321 3.3U
L351 LR-663
L352 LR-638
L353 LA-668
L354 LA-668
L355 LR-660
FTR-C2CA012G
MRFX1K80HR5
R1 TH5012ORJ
R313 10K
R314 100
R319 10K
R321 0
R323 0
R307 100
R441 NTCG16
R451 100
R452 10K
R453 22K
R454 39K
R456 10K
R458 10K
R461 1
R462 1
R472 1
R473 1
R611 47K
R612 1K
R421 0.001
R422 0.001
R423 100
R427 0
R433 5.6K
R434 10K
R441 1.5K
R442 1.5K
R502 0
R601 47K
R602 100
R603 100
R604 100
R605 100
R606 100
R607 100
R608 100
R503 100
R505 100
R507 100
C452 0.1
C453 0.1
C454 0.1
C457 0.1
C458 470 CE-LX
C459 470 CE-LX
C460 1U
C601 0.1
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C431 0.1
C432 0.1
C441 0.1
C442 0.1
C503 22P
C504 22P
C505 22P
C506 22P
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C426 470
C427 470
C428 470
C429 470
C430 470
C407 0.1
C408 0.001
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C414 0.1
C416 4.7
C417 56K
C418 6.8K
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C420 0.1
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C459 470 CE-LX
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The underlined parts have been updated from the addendum of the previous version, or from the original page.

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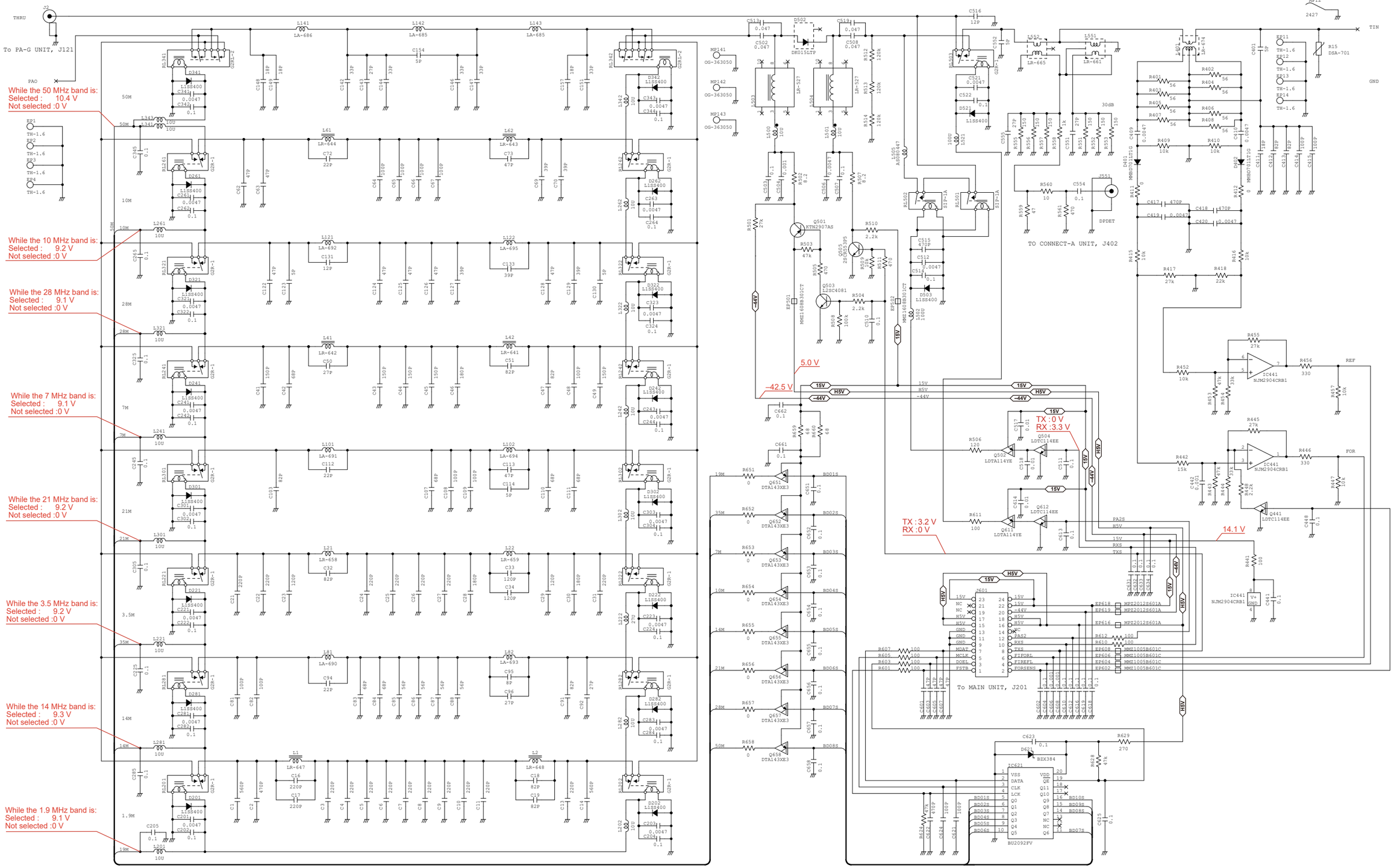
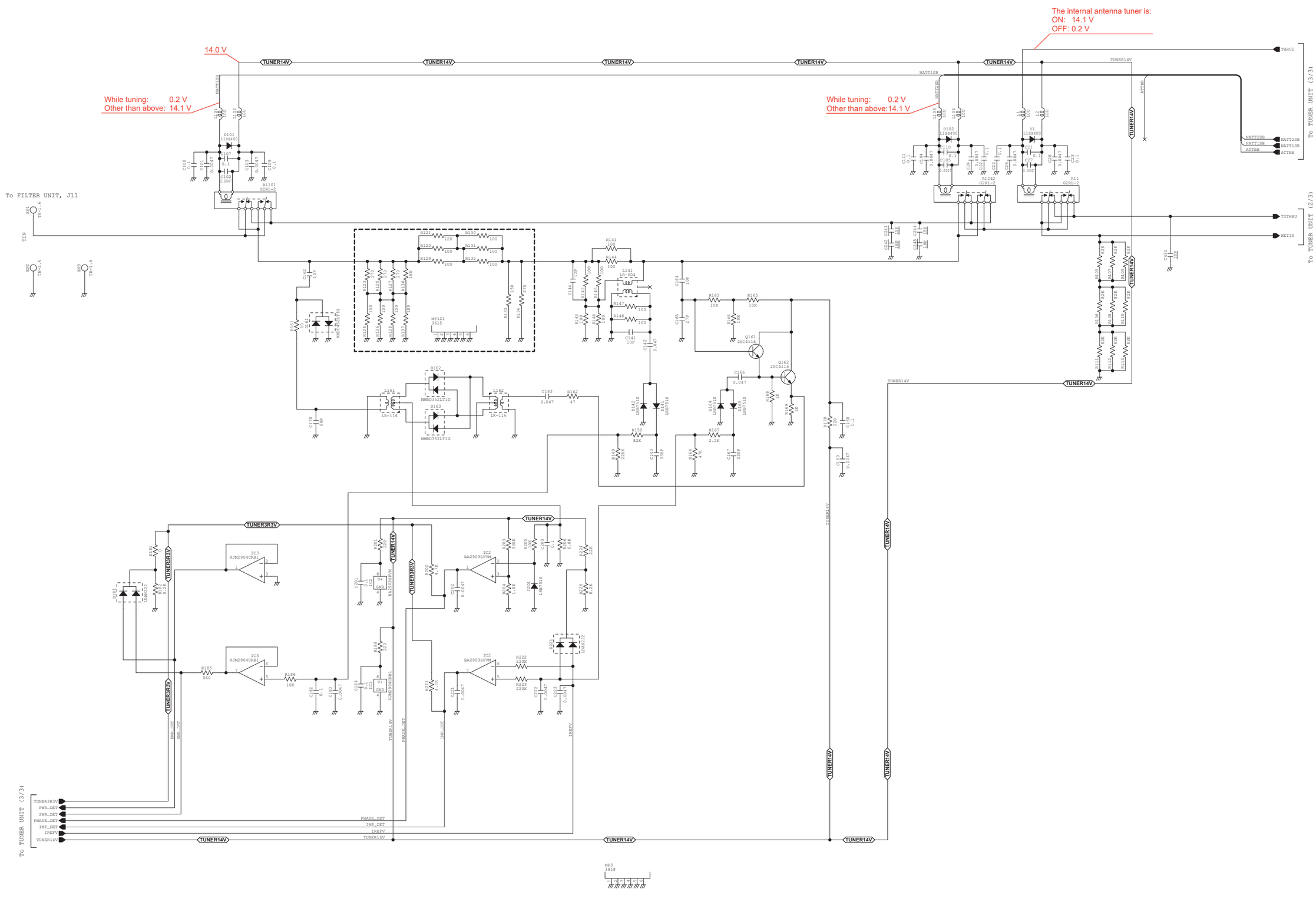


*Refer to the PARTS LIST for the value and name of component.

The underlined parts have been updated from the addendum of the previous version, or from the original page.

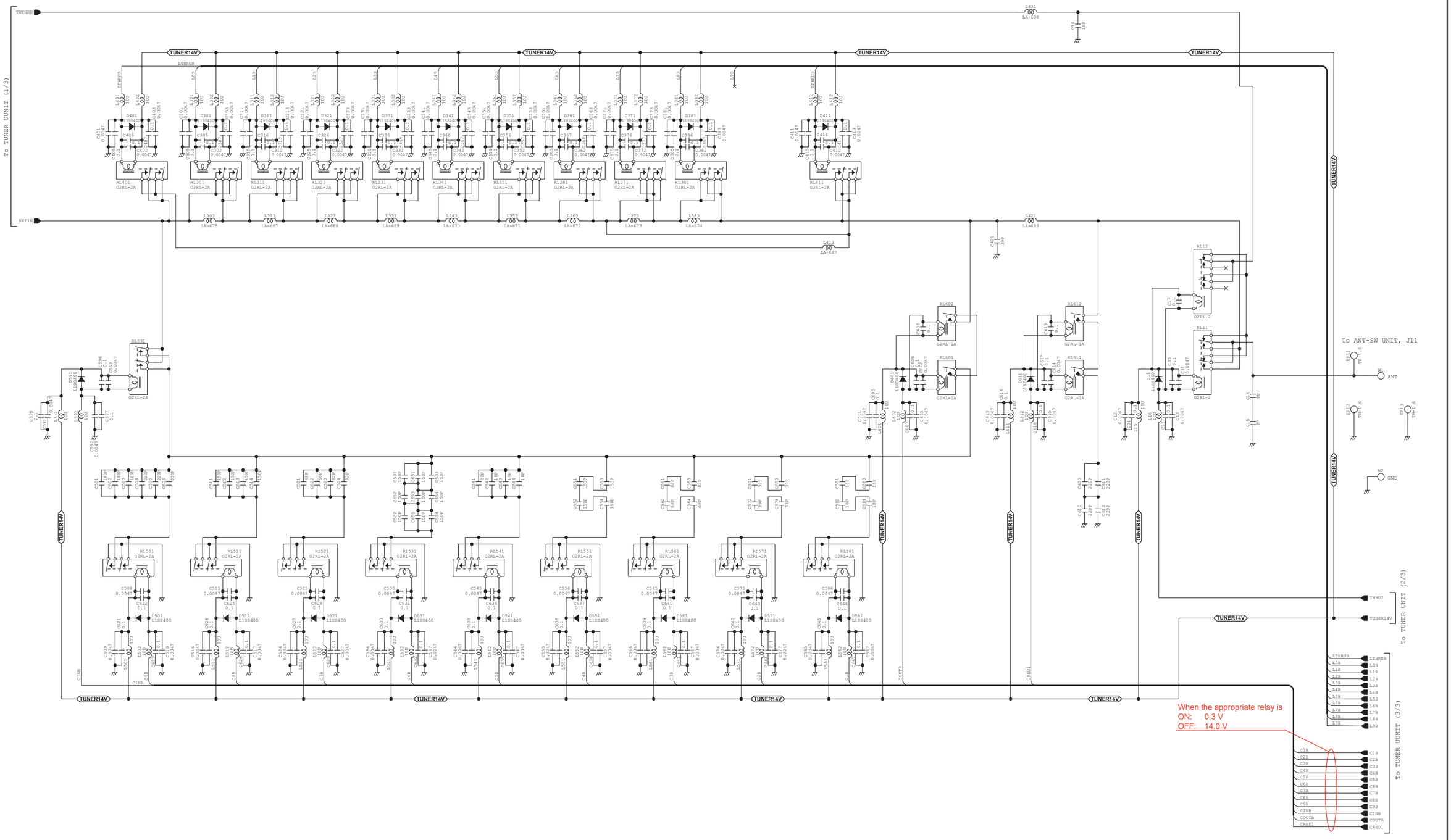
• TUNER UNIT (1/3)



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

The underlined parts have been updated from the addendum of the previous version, or from the original page.

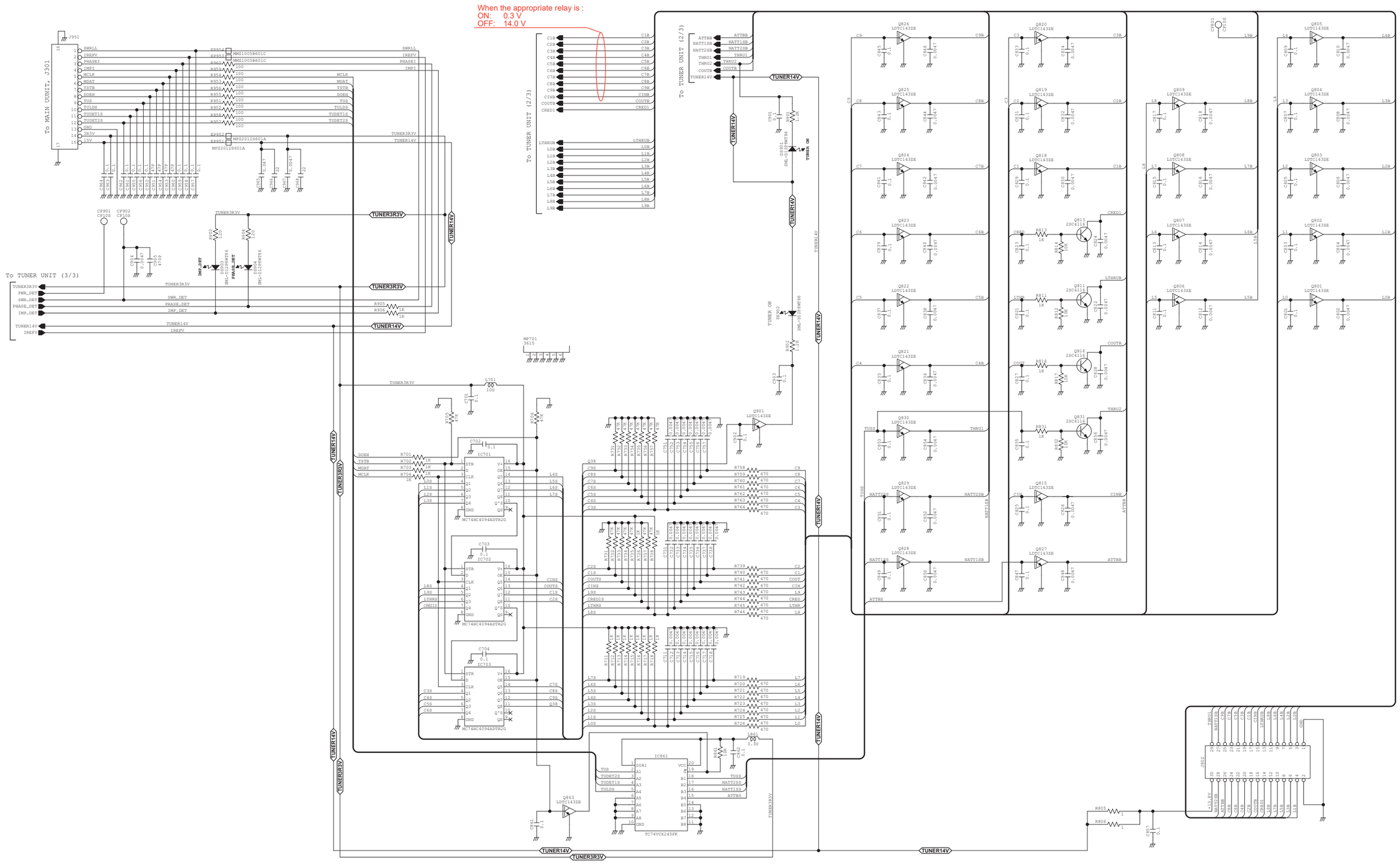
• TUNER UNIT (2/3)



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

The underlined parts have been updated from the addendum of the previous version, or from the original page.

• TUNER UNIT (3/3)

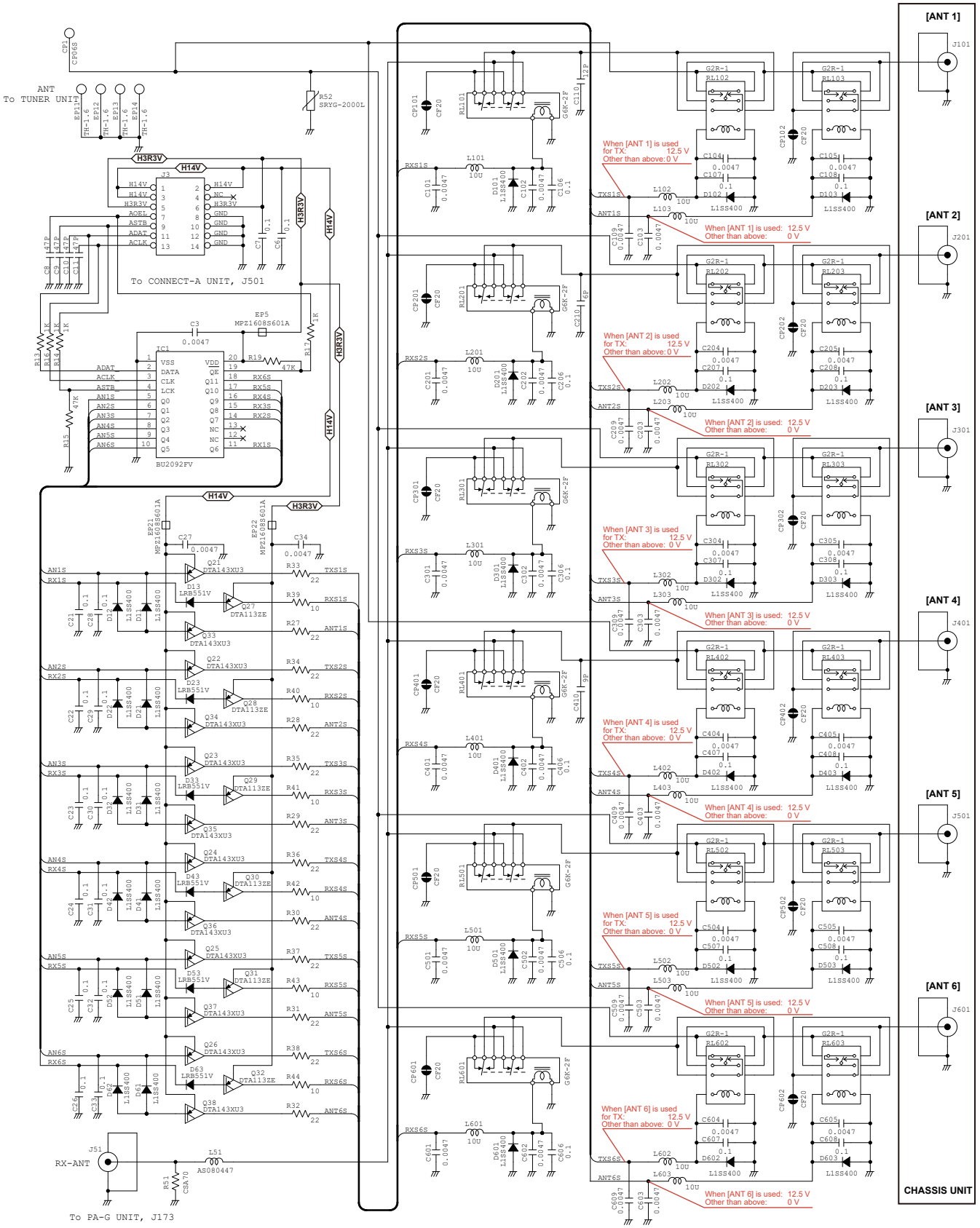


*Refer to the PARTS LIST for the value and name of component.

(Amended page)

The underlined parts have been updated from the addendum of the previous version, or from the original page.

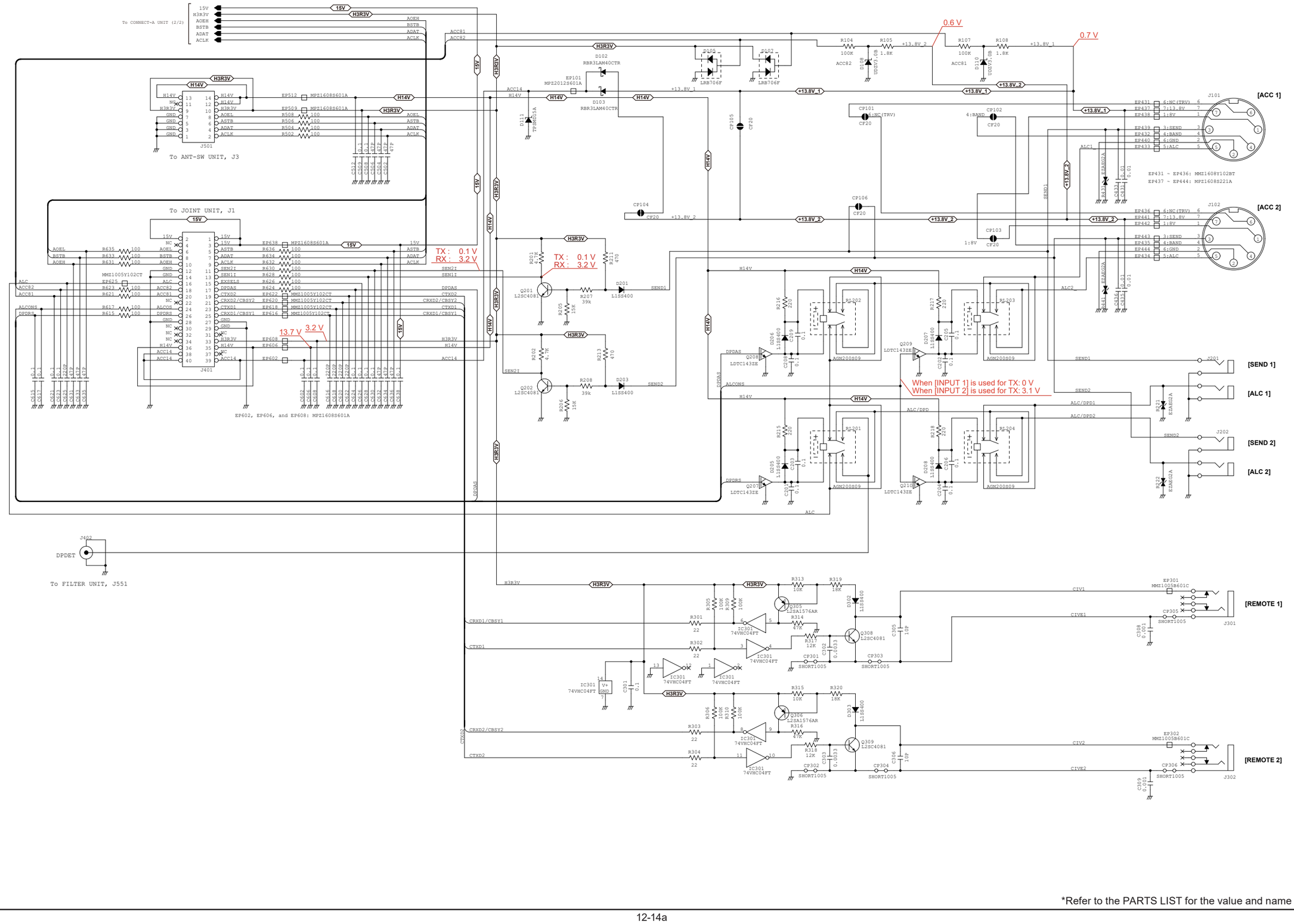
• ANT-SW UNIT



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

The underlined parts have been updated from the addendum of the previous version, or from the original page.

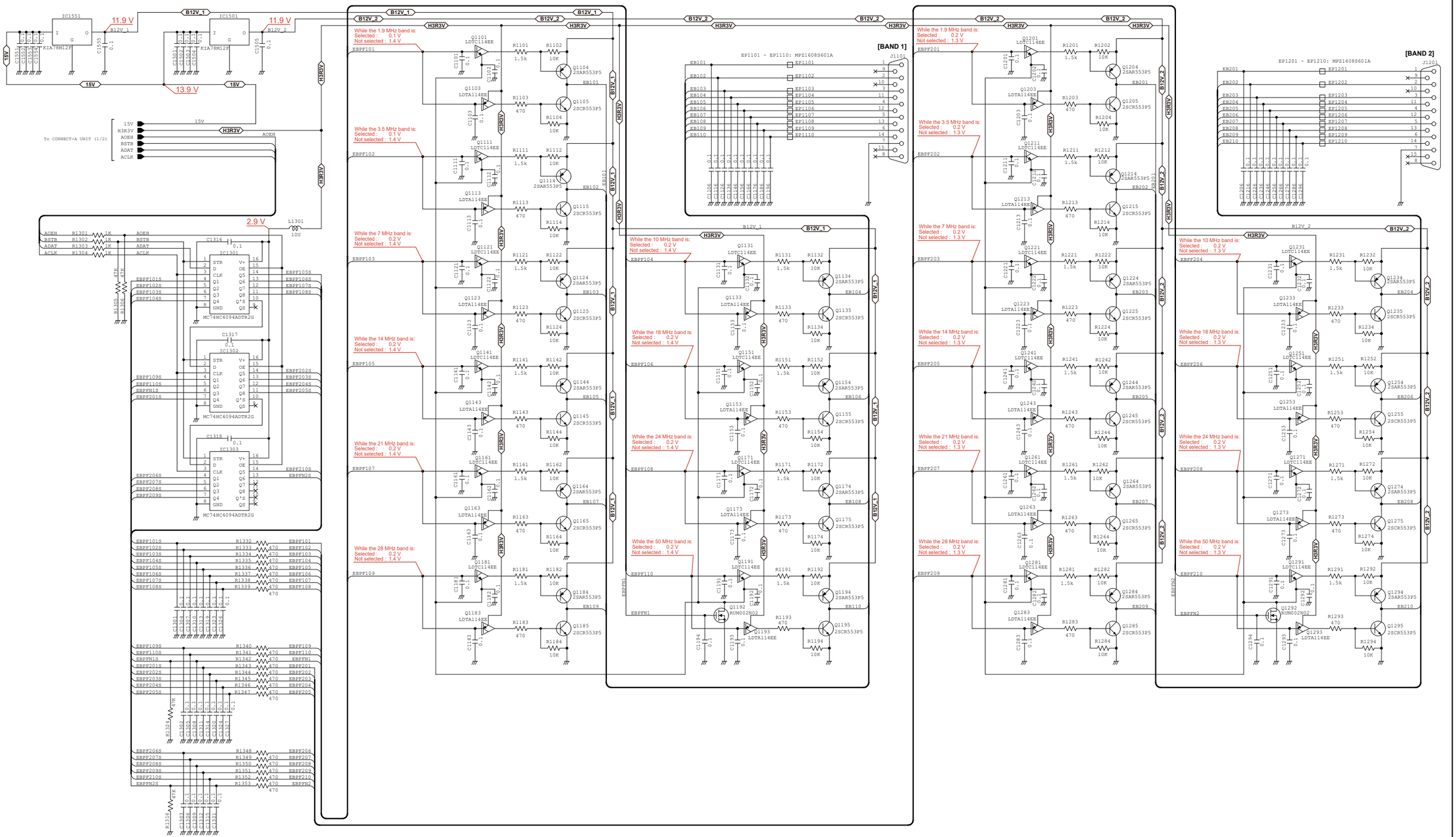
• CONNECT-A UNIT (1/2)



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

The underlined parts have been updated from the addendum of the previous version, or from the original page.

• CONNECT-A UNIT (2/2)



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

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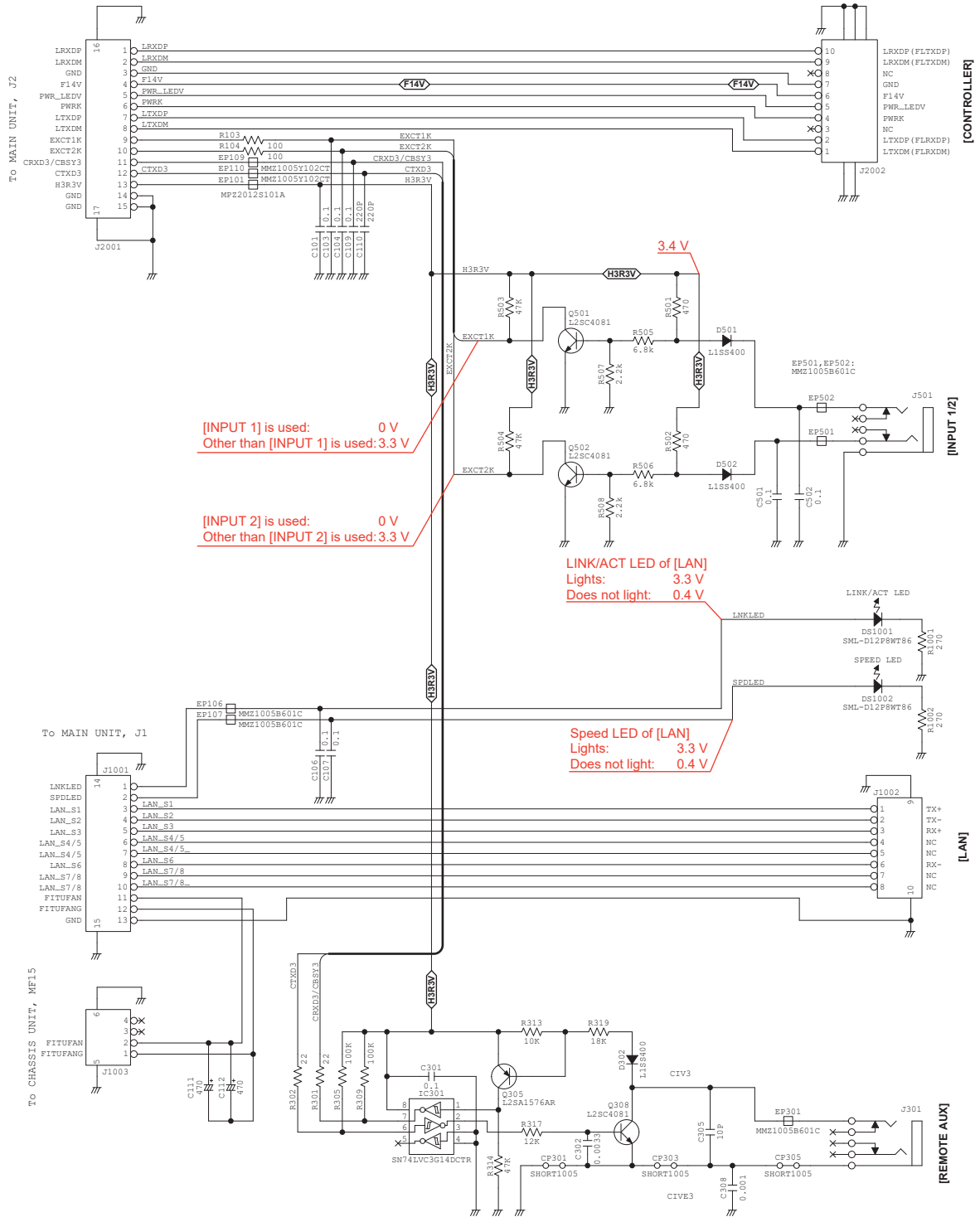
The underlined parts have been updated from the addendum of the previous version, or from the original page.

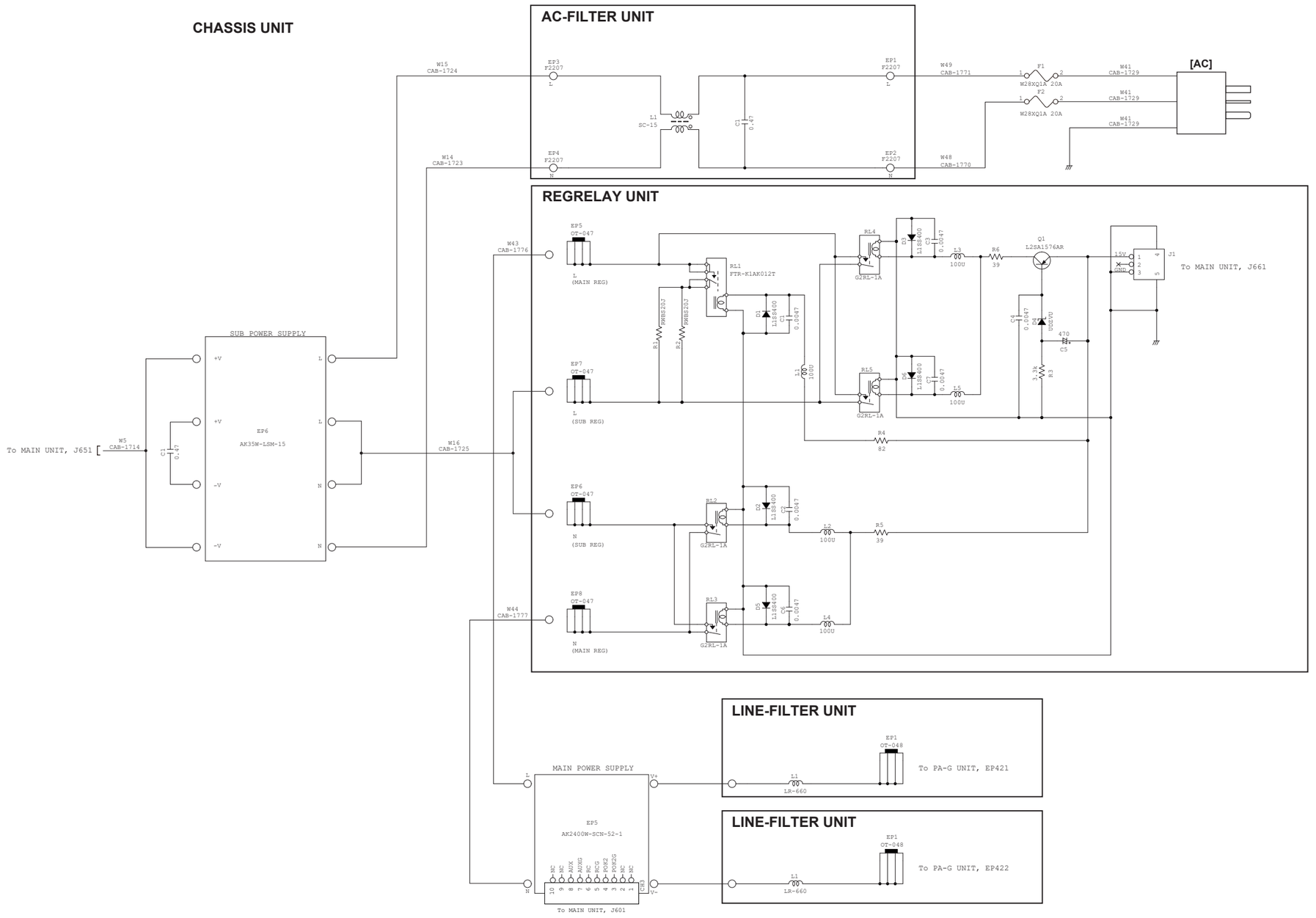
• CONNECT-B UNIT



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

The underlined parts have been updated from the addendum of the previous version, or from the original page.

• LINE-FILTER, AC-FILTER, and REGRELAY UNITS



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

SERVICE MANUAL

HF/50 MHz ALL BAND
1 kW LINEAR AMPLIFIER

IC-PW2

S-16104XZ-C1
September 2024

Icom Inc.

INTRODUCTION

This service manual describes the latest technical information for the IC-PW2 HF/50 MHz ALL BAND 1 kW LINEAR AMPLIFIER at the time of publication.

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

Model	Version	Version number
IC-PW2	USA	[#12]
	EXP	[#13]

SERVICE CAUTION

READ the instruction manual thoroughly, before turning ON the DUT.

DO NOT expose the linear amplifier to rain, snow or liquids.

NEVER carry the DUT by yourself. Always have 2 people carry, lift or turn over it. It weights approximately 21.6 kg (47.6 lb).

• Safety symbols

⏚	Protective grounding point for protection against electric shock.		The crossed-out wheeled bin symbol
⏚	Ground (Earth)	CE	CE marking
		UK CA	UK Conformity Assessed marking

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

<ORDER EXAMPLE>

1130016460	R2A20169SA	IC-PW2	MAIN UNIT	1 pieces
8930085720	SPONGE(LV)	IC-PW2	CHASSIS	2 pieces

REPAIR NOTES

1. Make sure that the problem is internal before disassembling the DUT.
2. **DO NOT** open the DUT until the DUT is disconnected 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 DUT is defective.
5. **READ** the instructions of the test equipment thoroughly before connecting it to the DUT.

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SECTION 1 SPECIFICATIONS

■ GENERAL

• Frequency coverage:		1.800000 ~ 1.999999 MHz, 3.500000 ~ 3.999999 MHz, 7.000000 ~ 7.300000 MHz, 10.100000 ~ 10.150000 MHz, 14.000000 ~ 14.350000 MHz, 18.068000 ~ 18.168000 MHz, 21.000000 ~ 21.450000 MHz, 24.890000 ~ 24.990000 MHz, 28.000000 ~ 29.700000 MHz, 50.000000 ~ 54.000000 MHz
• Usable temperature range (Full duty):		–10°C ~ +40°C, 14°F ~ 104°F
• Input impedance:		50 Ω (Unbalanced)
• Power supply requirement:		90 ~ 132 V AC (50 Hz/60 Hz), 180 ~ 264 V AC (50 Hz/60 Hz)
• Driving power:		100 W or less
• Maximum output power:	90 ~ 132 V AC:	500 W
	180 ~ 264 V AC:	1 kW/500 W
• Spurious emissions:	HF bands:	–60 dB or less[*1]
	50 MHz band:	–70 dB or less[*1]
		[*1] This value does not apply to unwanted radiation (excluding harmonics) caused by an exciter.
• Dimensions (projections not included):		425 (W) × 149 (H) × 445 (D) mm, 16.7 (W) × 5.9 (H) × 17.5 (D) inches
• Weight (approximate):		21.6 kg, 47.6 lb

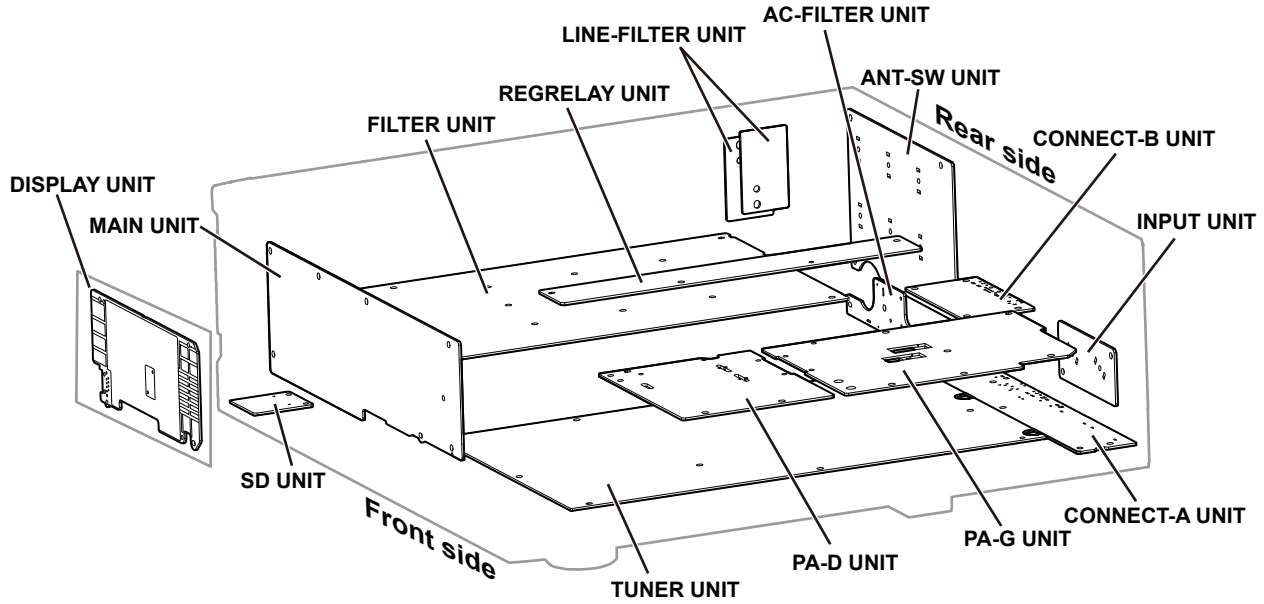
■ ANTENNA TUNER

• Matching impedance range:	16.7 ~ 150.0 Ω (HF band to 50 MHz band, and 5 MHz band[*2]) [*2] Only tuning operation is guaranteed in the 5 MHz band.
• Antenna tuning accuracy:	VSWR 1.5:1 or less
• Automatic tuning time:	Approximately 2 to 3 seconds (general condition) 15 seconds or less

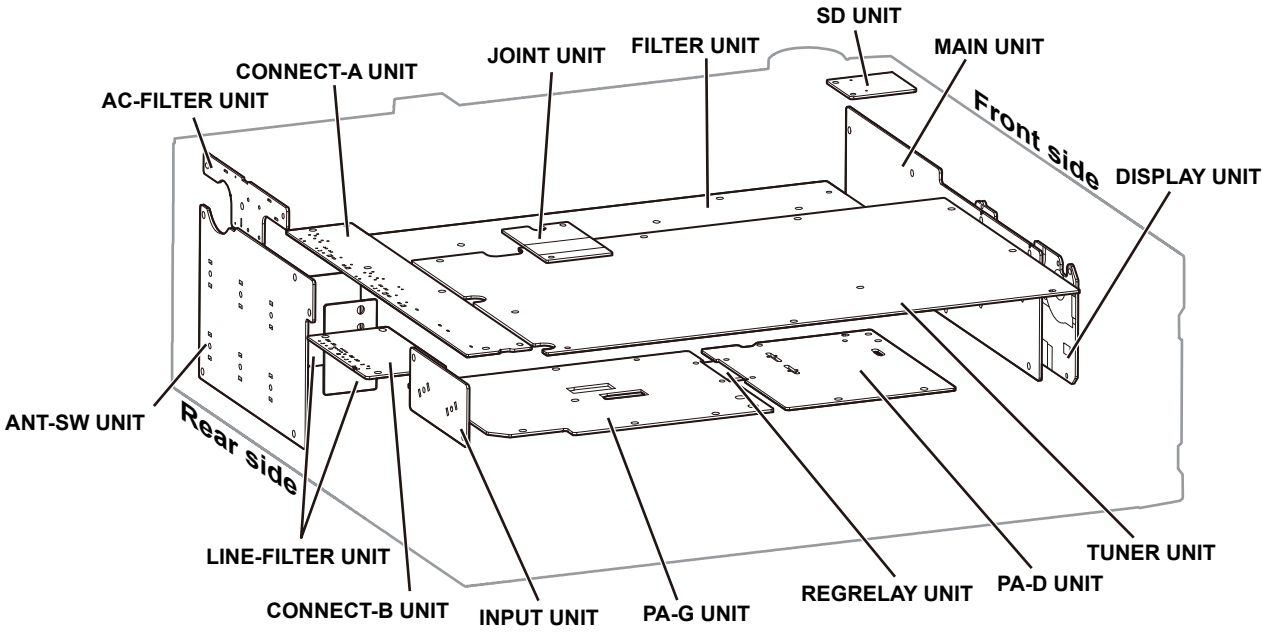
All stated specifications are typical and subject to change without notice or obligation.

SECTION 2 INSIDE VIEW

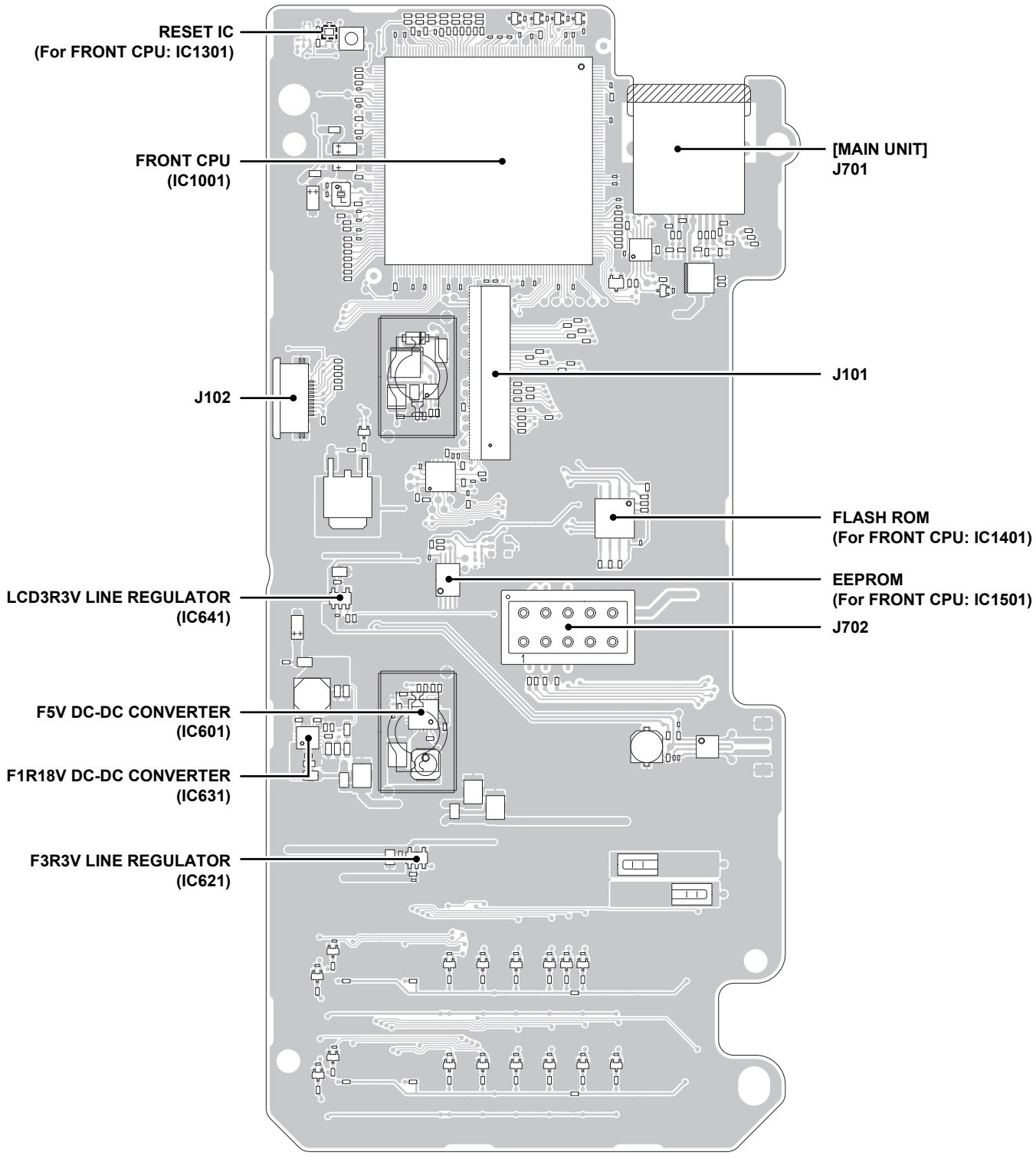
• Top view



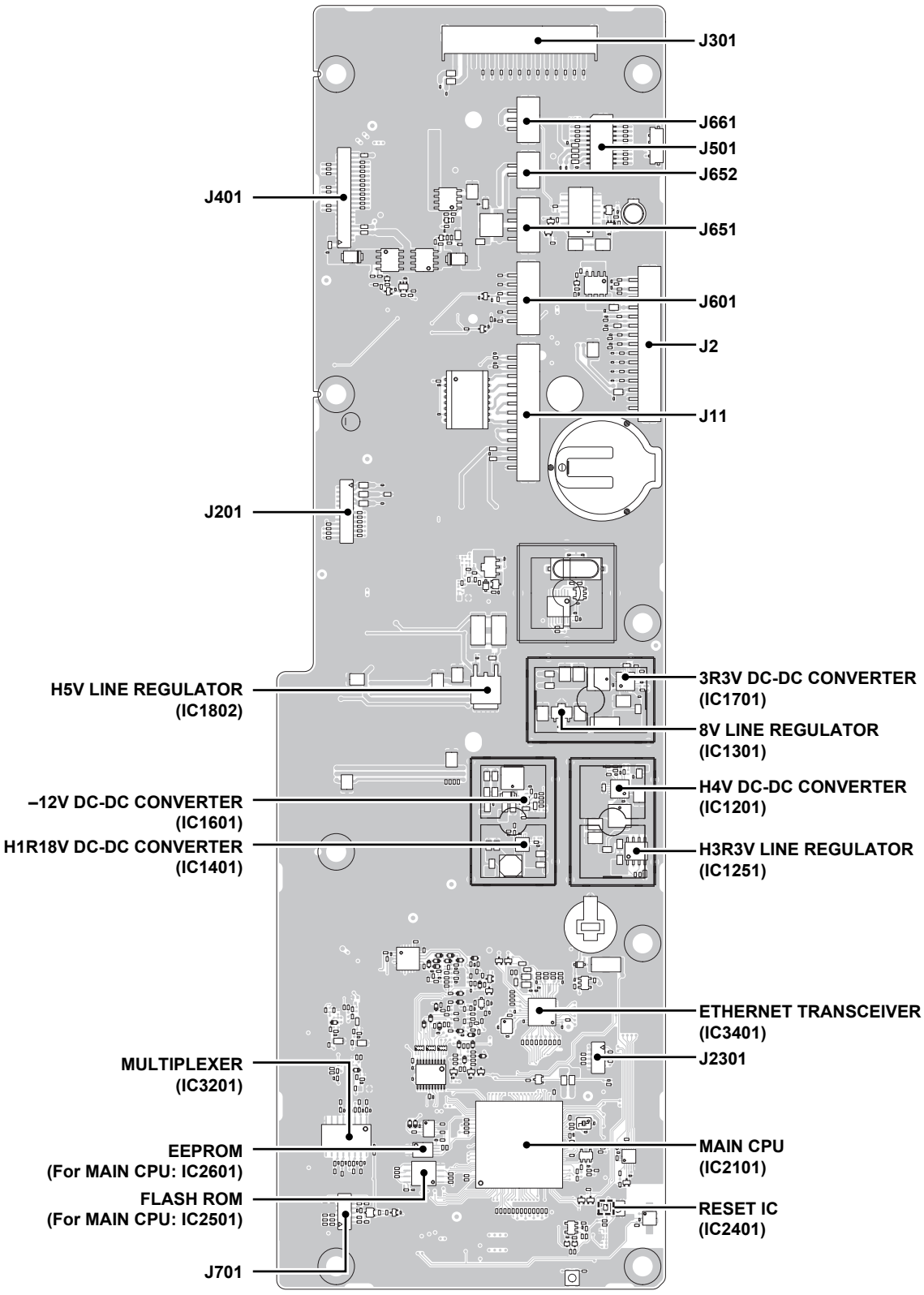
• Bottom view



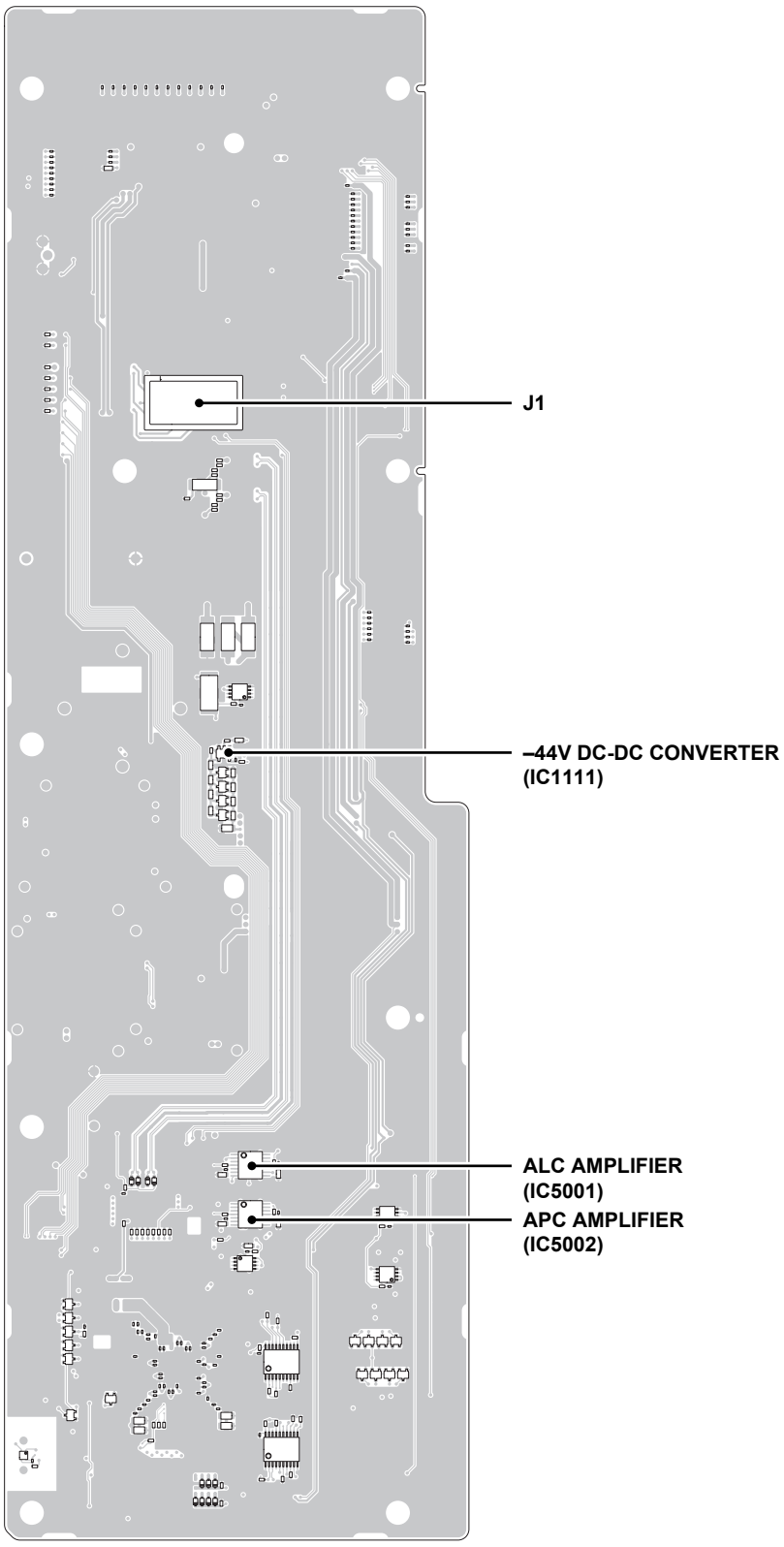
• **DISPLAY UNIT**



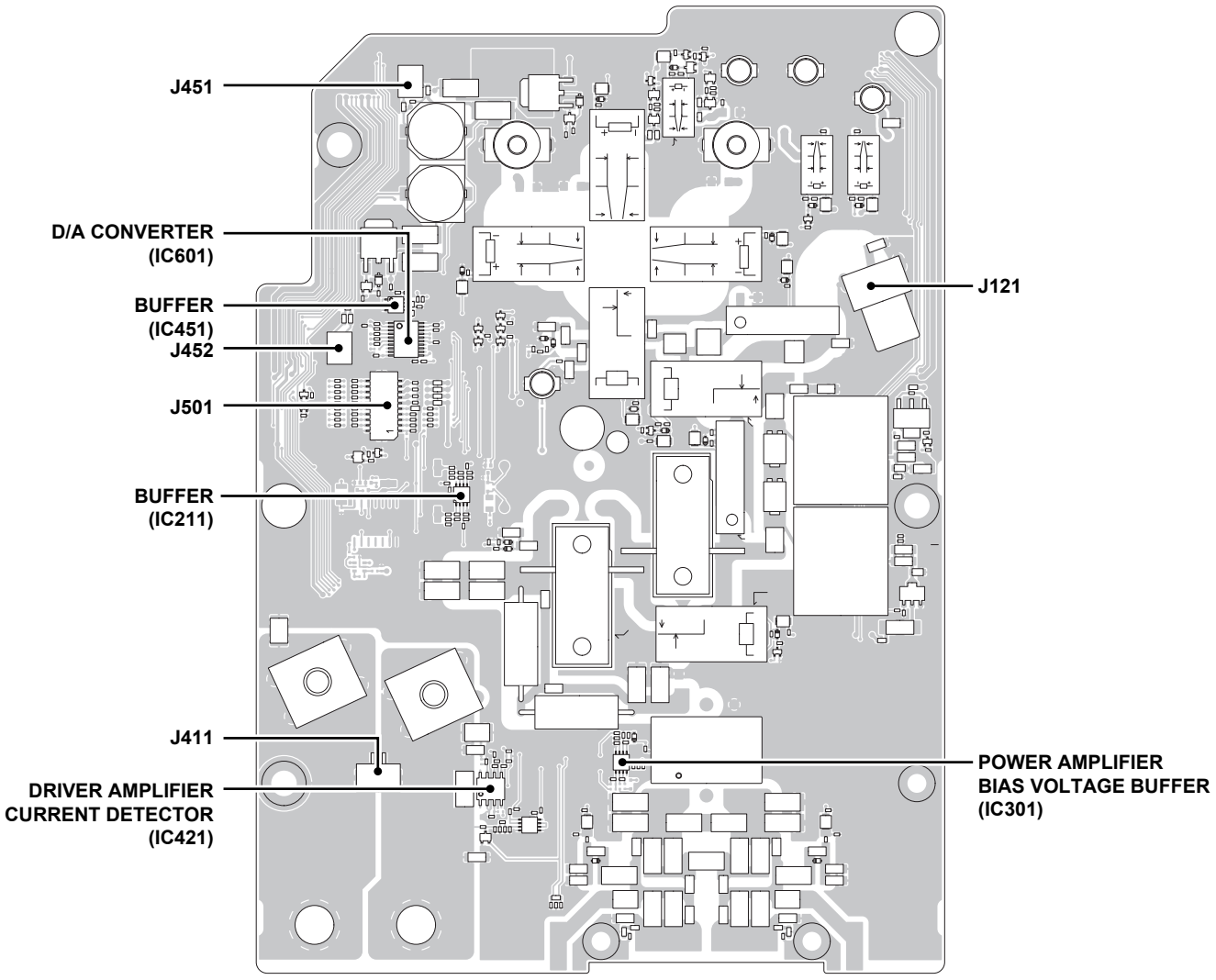
• **MAIN UNIT (Top view)**



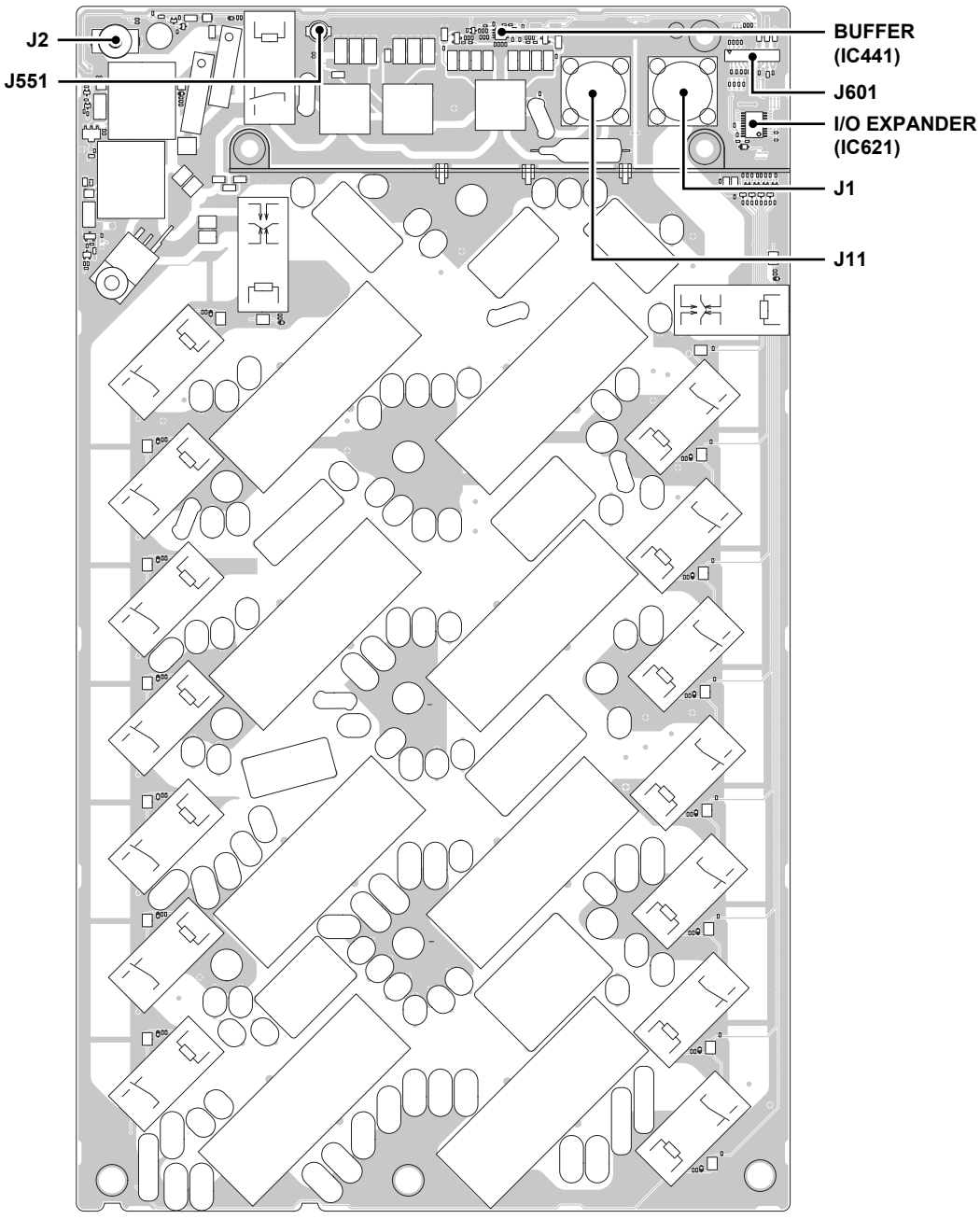
• **MAIN UNIT (Bottom view)**



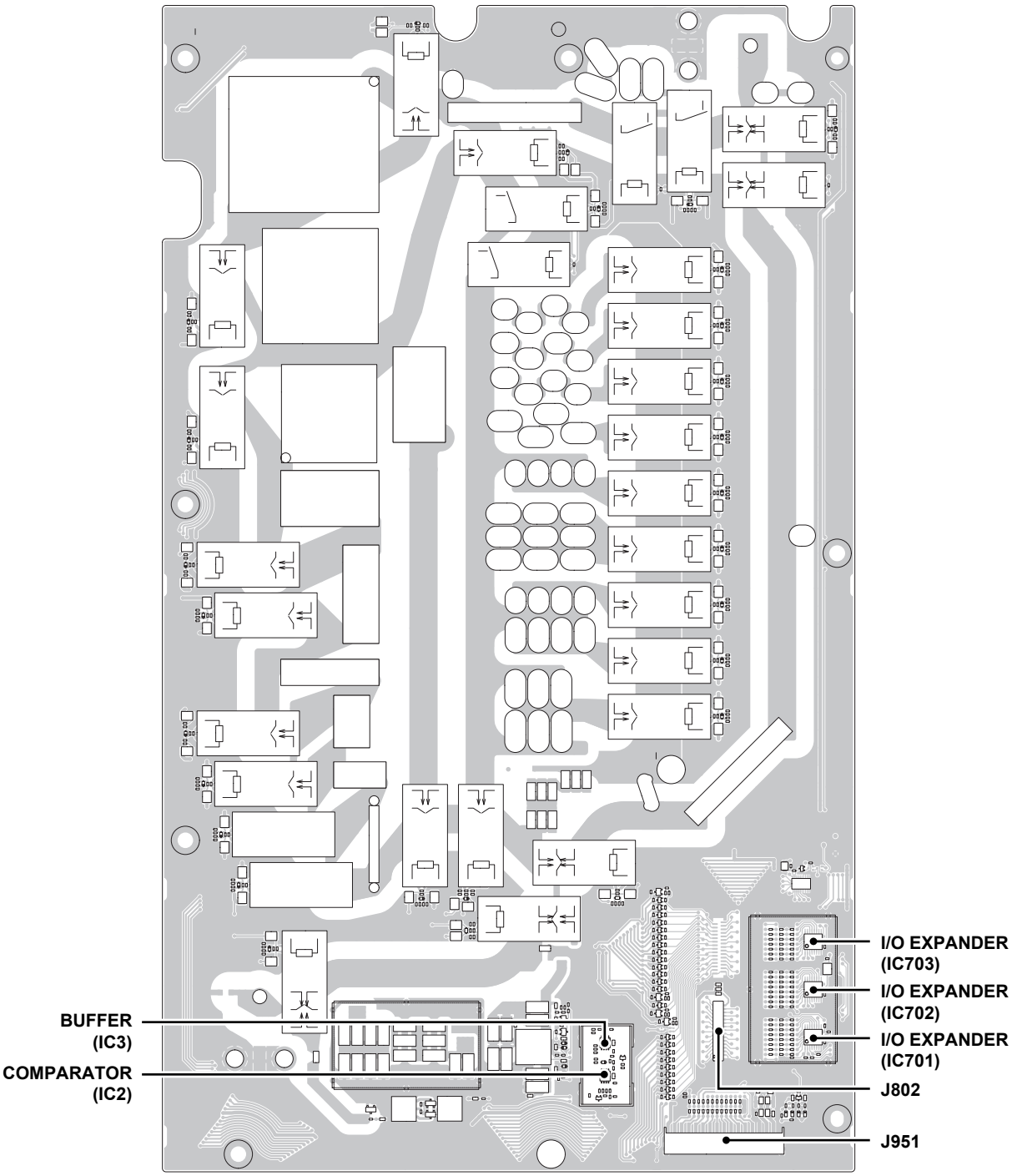
• **PA-G UNIT**


J451
D/A CONVERTER
(IC601)
BUFFER
(IC451)
J452
J501
BUFFER
(IC211)
J411
DRIVER AMPLIFIER
CURRENT DETECTOR
(IC421)
J121
POWER AMPLIFIER
BIAS VOLTAGE BUFFER
(IC301)

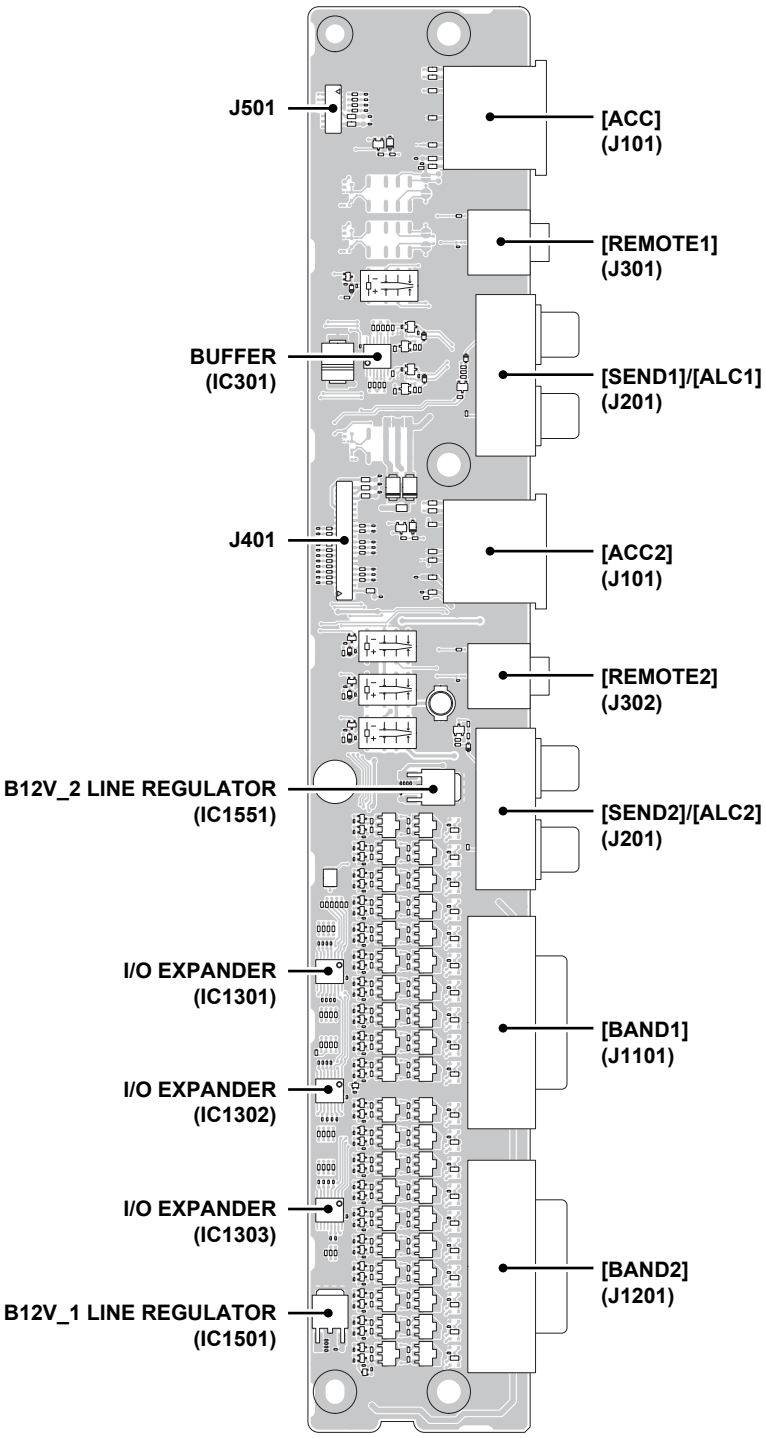
• **FILTER UNIT**



• **TUNER UNIT**


I/O EXPANDER
(IC703)
I/O EXPANDER
(IC702)
I/O EXPANDER
(IC701)
J802
J951
BUFFER
(IC3)
COMPARATOR
(IC2)

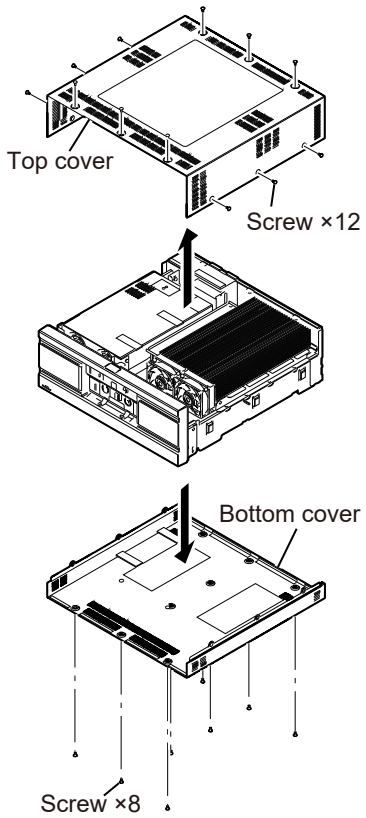
• **CONNECT-A UNIT**



SECTION 3 DISASSEMBLY INSTRUCTION

1. REMOVING THE TOP AND BOTTOM COVERS

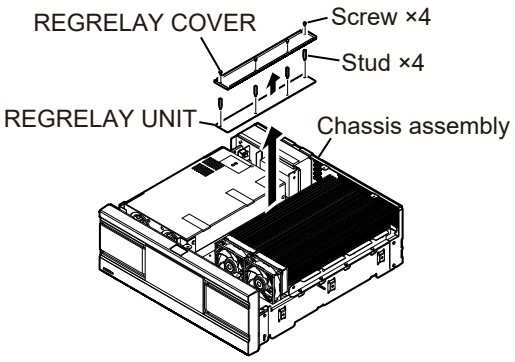
1) Remove the controller.
2) Remove the 12 screws from the top cover, then remove it.
3) Remove the 8 screws from the bottom cover, then remove it.



(When removing the screws, washers may also come off.)

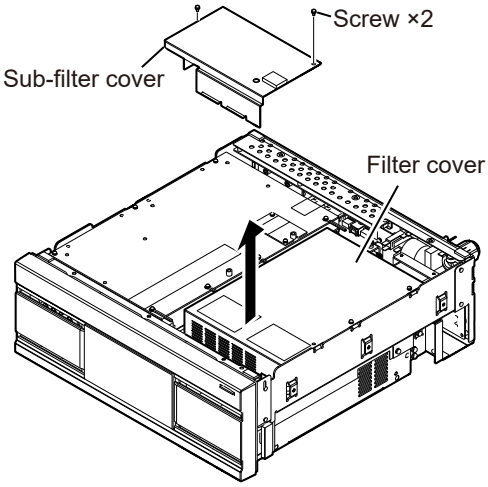
2. REMOVING THE REGRELAY UNIT

1) Remove the 4 screws from the REGRELAY COVER.
2) Remove the 4 studs from the REGRELAY UNIT, then remove it from the chassis assembly.

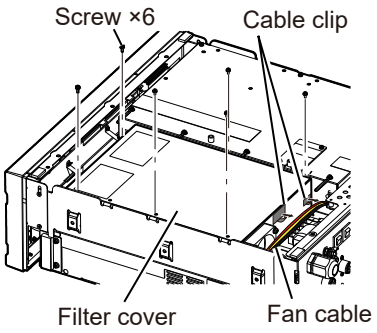


3. REMOVING THE FILTER UNIT

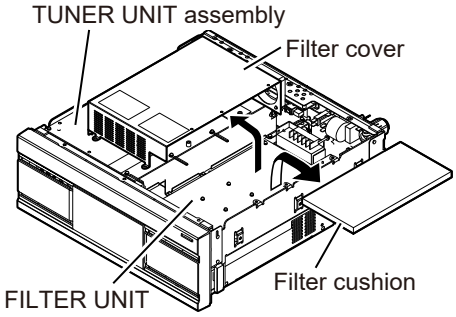
1) Remove the 2 screws from the sub-filter cover, then remove it.



2) Remove the 2 cable clips that fix the fan cable from the filter cover.
3) Remove the 6 screws from the filter cover.



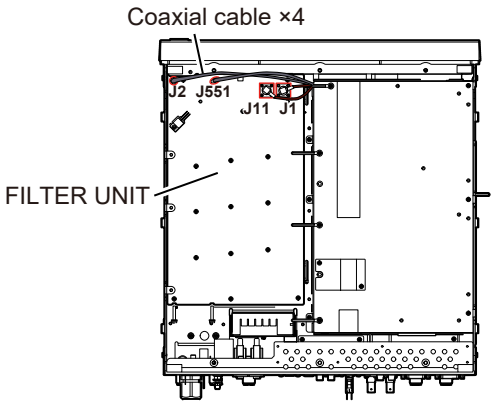
4) Remove the filter cover onto the TUNER UNIT assembly, and remove the filter cushion from the FILTER UNIT.



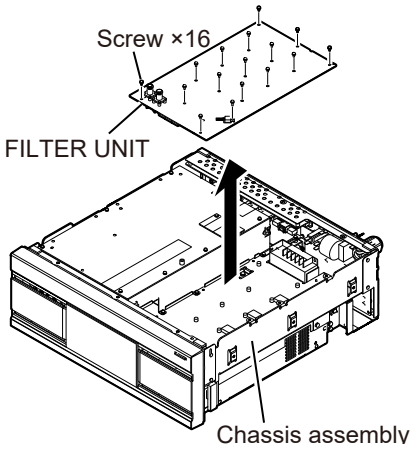
(Continued on the next page.)

3. REMOVING THE FILTER UNIT (CONTINUED)

5) Remove the 4 coaxial cables from the FILTER UNIT.

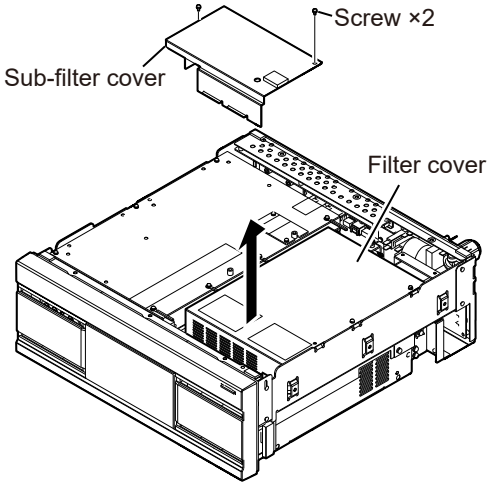


6) Remove the 16 screws from the FILTER UNIT, then remove it from the chassis assembly.

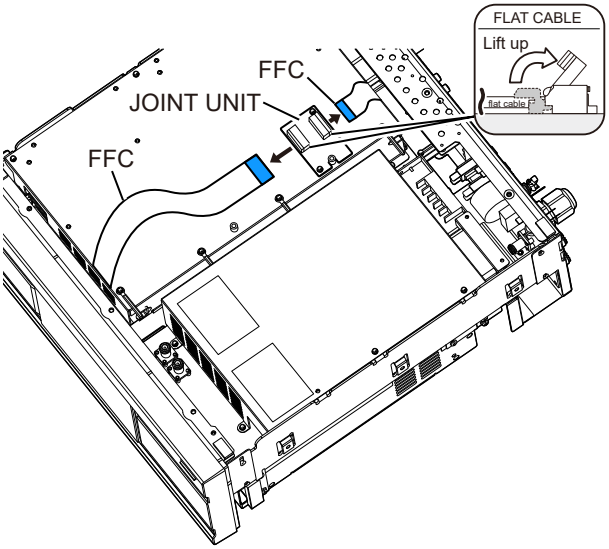


4. REMOVING THE TUNER UNIT

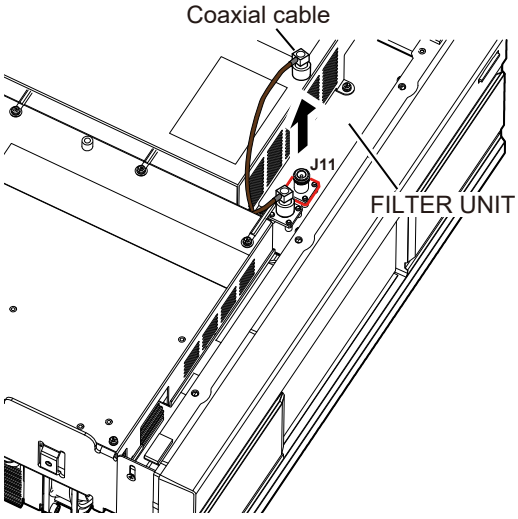
1) Remove the 2 screws from the sub-filter cover, then remove it.



2) Remove the 2 FFCs from the JOINT UNIT.



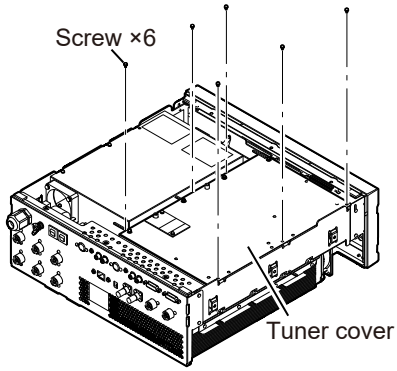
3) Remove the coaxial cable from J11 on the FILTER UNIT.



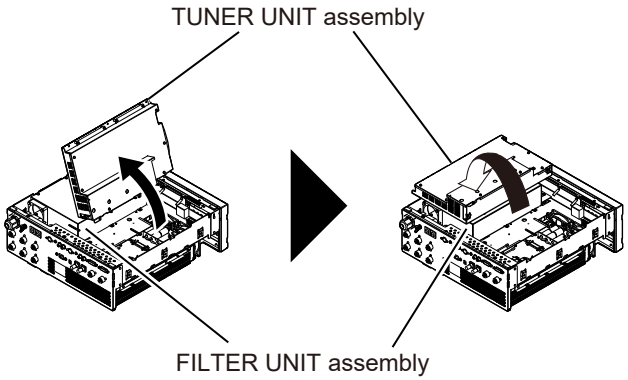
(Continued on the next page.)

4. REMOVING THE TUNER UNIT (CONTINUED)

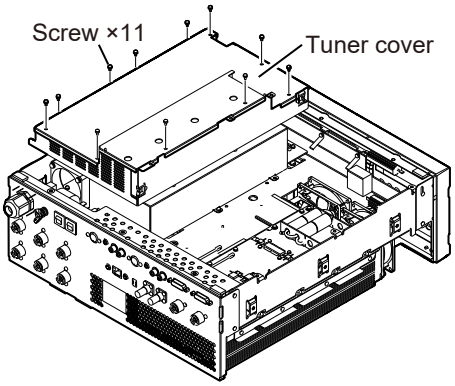
4) Remove the 6 screws from the tuner cover.



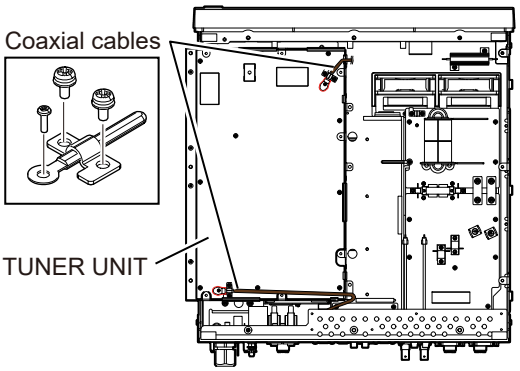
5) Flip the TUNER UNIT assembly and put it on the FILTER UNIT assembly.



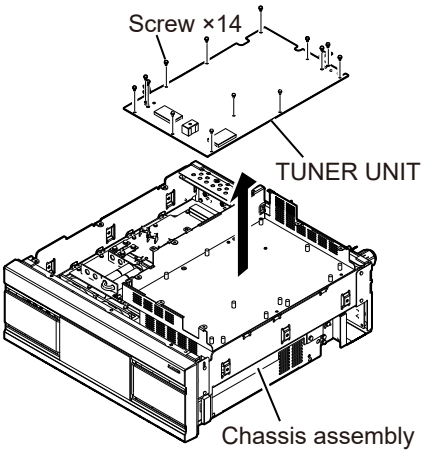
6) Remove the 11 screws from the tuner cover.



7) Remove the 2 coaxial cables from the TUNER UNIT.



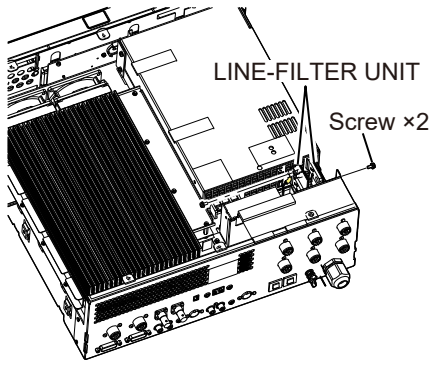
8) Remove the 14 screws from the TUNER UNIT, then remove it from the chassis assembly.



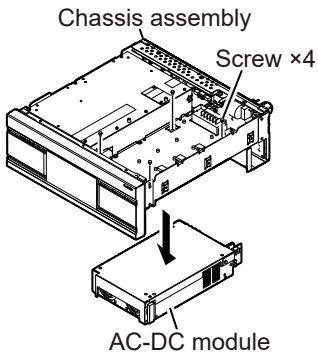
(Continued on the right above.)

5. Removing the AC-DC module

1) Remove the FILTER UNIT.
   • Refer to page 3-1 for the removal.
2) Remove 1 screw each from the 2 LINE-FILER UNITs.

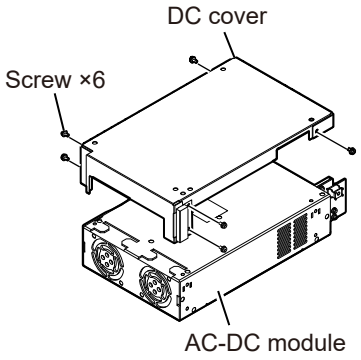


3) Remove the 4 screws from the bottom of the AC-DC module, then remove it from the chassis assembly.



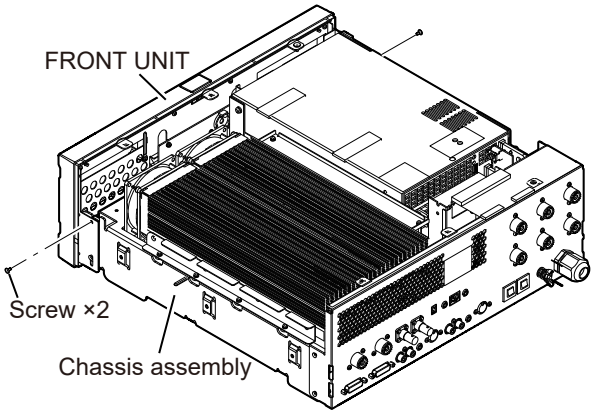
(When removing the screws, washers may also come off.)

4) Remove the 6 screws from the DC cover, then remove it from the AC-DC module.

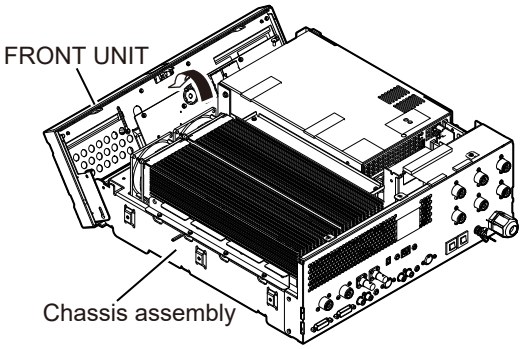


6. Removing the FRONT UNIT from the chassis

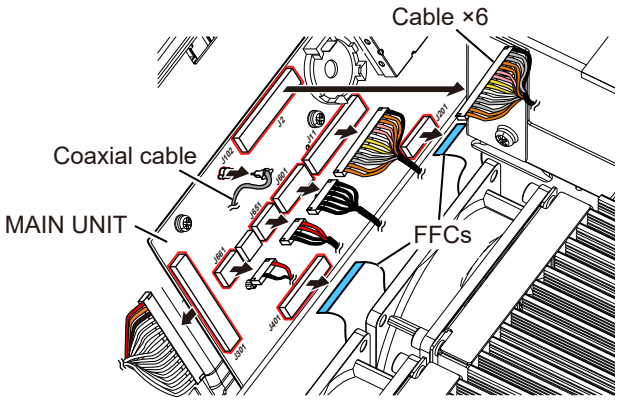
1) Remove the 2 screws from the both upper sides of the FRONT UNIT.



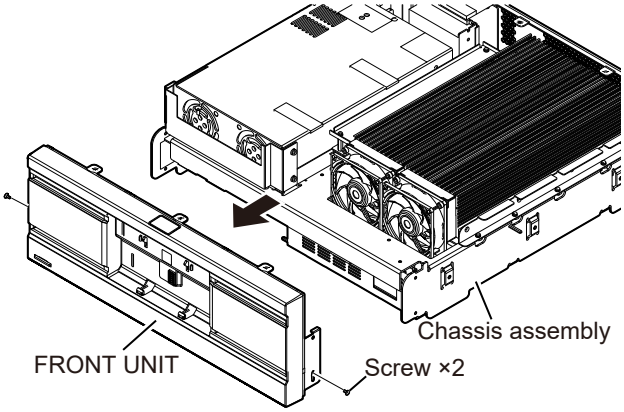
2) Pull forward on the FRONT UNIT from the chassis assembly in the direction of the arrow.



3) Remove the 9 cables from the MAIN UNIT.



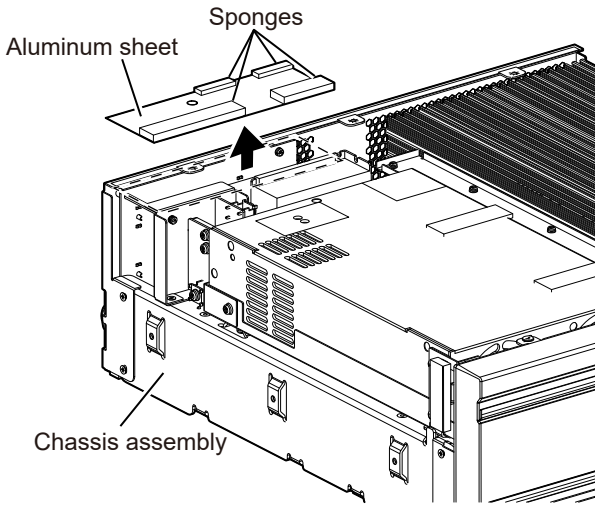
4) Remove the 2 screws from the both lower sides of the FRONT UNIT, then remove it from the chassis assembly.



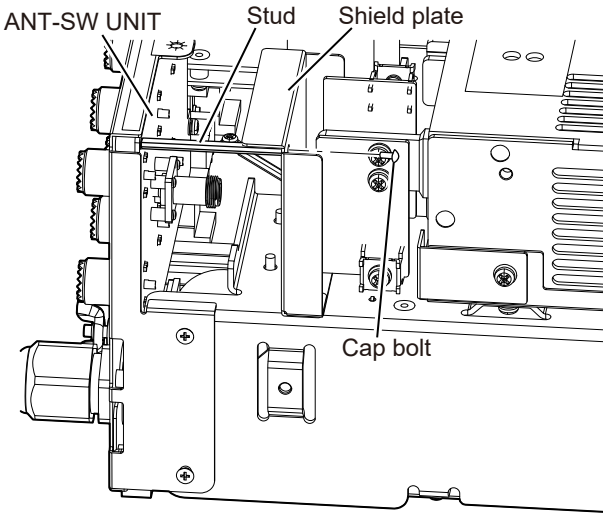
7. Removing the rear assembly from the chassis

1) Remove the aluminum sheet from the chassis assembly.

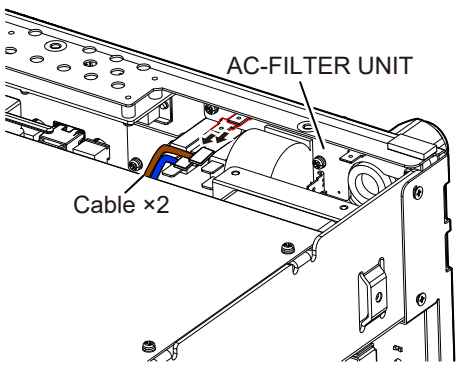
CAUTION: Once the aluminum sheet is removed, when ressembling, replace it, including the 4 attached sponges, with the new one.



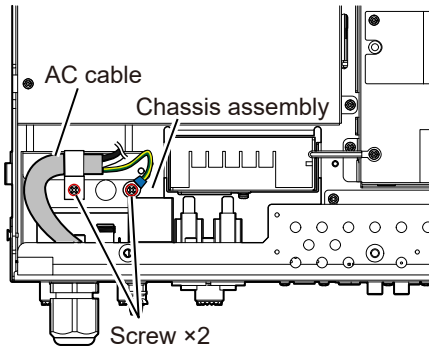
2) Remove a cap bolt from the shield plate to release the stud from the ANT-SW UNIT.



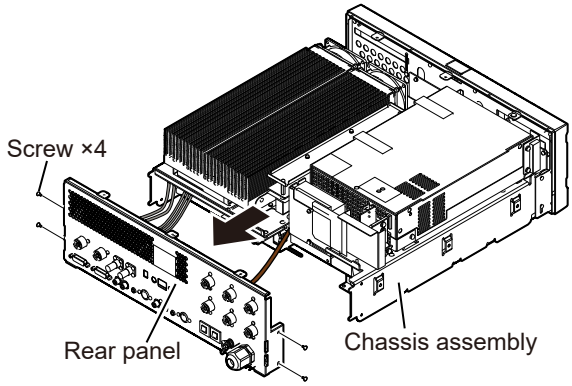
3) Remove the 2 cables from the AC-FILTER UNIT.



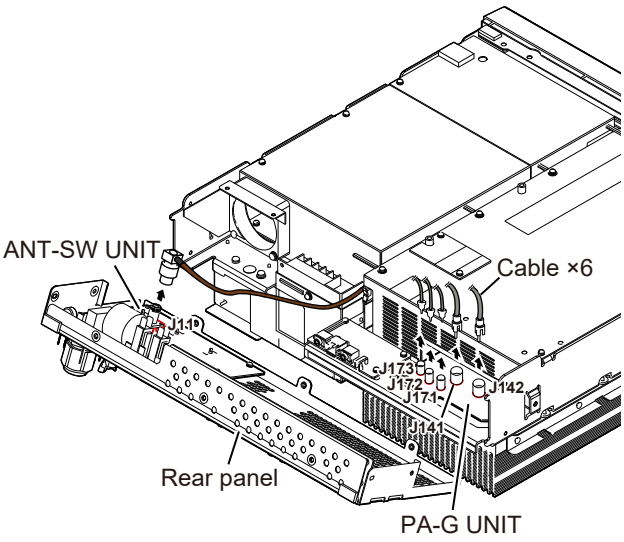
4) Remove the 2 screws from the chassis assembly, then release the AC cable from the chassis assembly.



5) Remove the 4 screws from the both sides of the rear panel, then remove it from the chassis assembly.

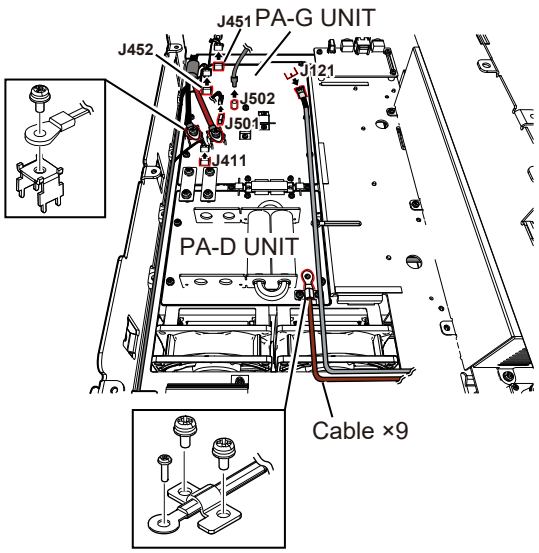


6) Remove the 6 cables from the PA-G and ANT-SW UNITs.

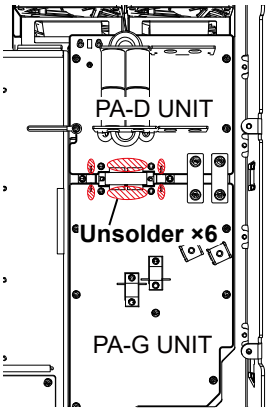


8. Removing the PA UNIT

1) Remove the TUNER UNIT.
   • Refer to page 3-2 for the removal.
2) Remove the Rear assembly.
   • Refer to page 3-5 for the removal.
3) Remove the 9 cables from the PA-D and PA-G UNITs.

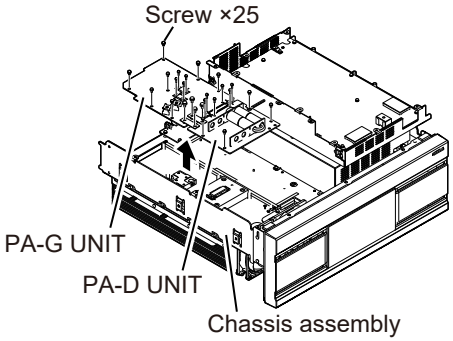


4) Unsolder the 6 points at the PA-D and PA-G UNITs.



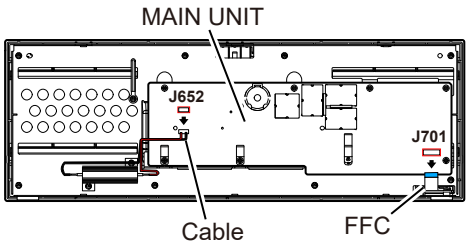
5) Remove total of the 25 screws from the PA-D and PA-G UNITs, then remove both units from the chassis assembly.

CAUTION: Carefully remove the PA-D and PA-G UNITs from the chassis unit because electrical parts connect both units. Bending between units may damage electronic components and peel patterns on PCBs.

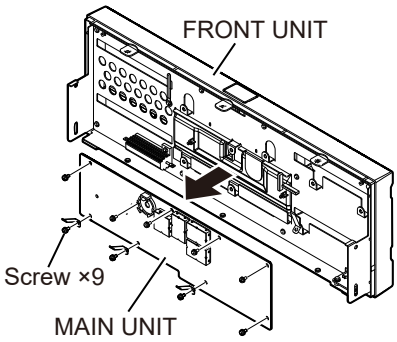


9. Removing the MAIN UNIT

1) Remove a cable and an FFC from the MAIN UNIT.

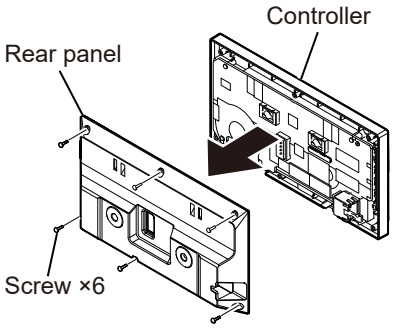


2) Remove the 9 screws from the MAIN UNIT, then remove from the FRONT UNIT.

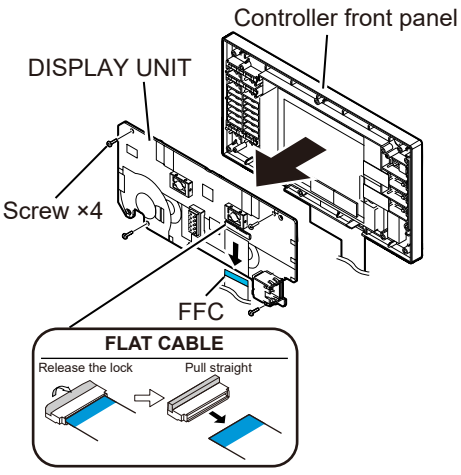


10. Removing the DISPLAY UNIT from the controller

1) Remove the 6 screws from the rear panel of the controller, then remove it.

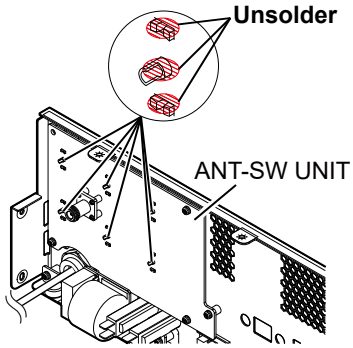


2) Remove an FFC and the 4 screws from the DISPLAY UNIT, then remove it from the controller front panel.

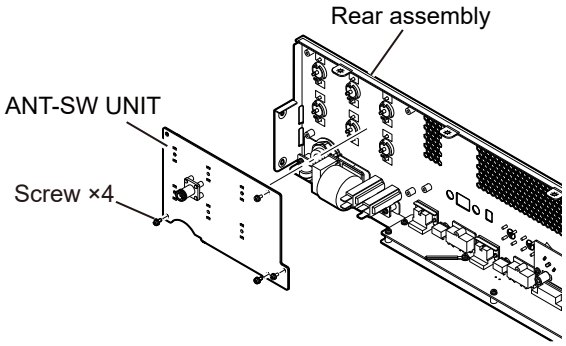


11. Removing the ANT-SW UNIT

1) Remove the 18 points soldering from 6 antenna connectors on the ANT-SW UNIT.

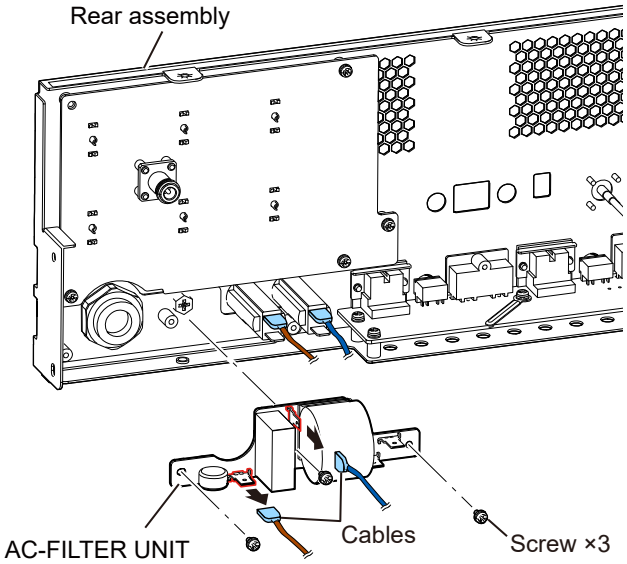


2) Remove the 4 screws from the ANT-SW UNIT, then remove it from the rear assembly.



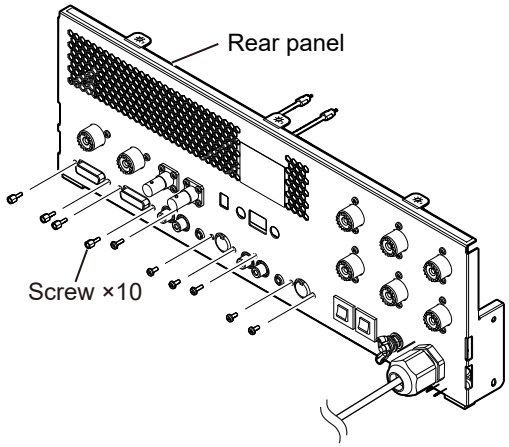
12. Removing the AC-FILTER UNIT

1) Remove the 2 cables and the 3 screws from the AC-FILTER UNIT, then remove it from the rear assembly.

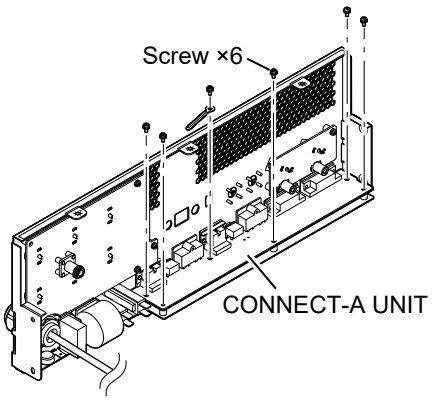


13. Removing the CONNECT-A UNIT

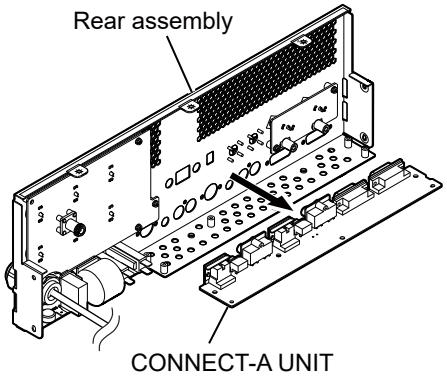
1) Remove the 10 screws from the rear panel.



2) Remove the 6 screws from the CONNECT-A UNIT.

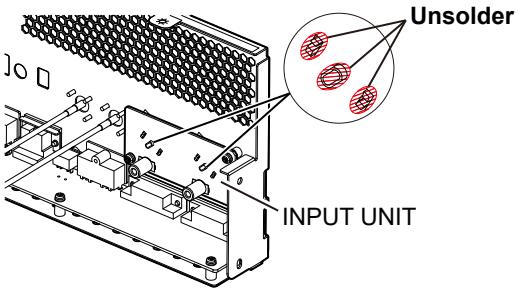


3) Remove the CONNECT-A UNIT from the rear assembly in the direction of the arrow.

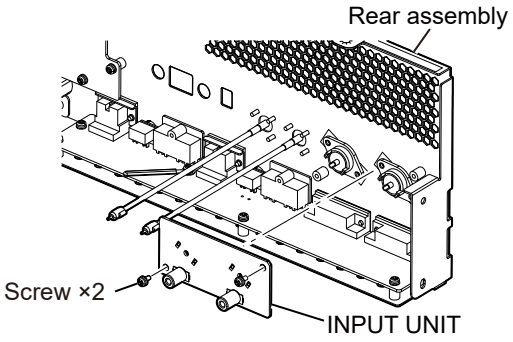


14. Removing the INPUT UNIT

1) Remove the 6 points soldering from RCA connectors on the INPUT UNIT.

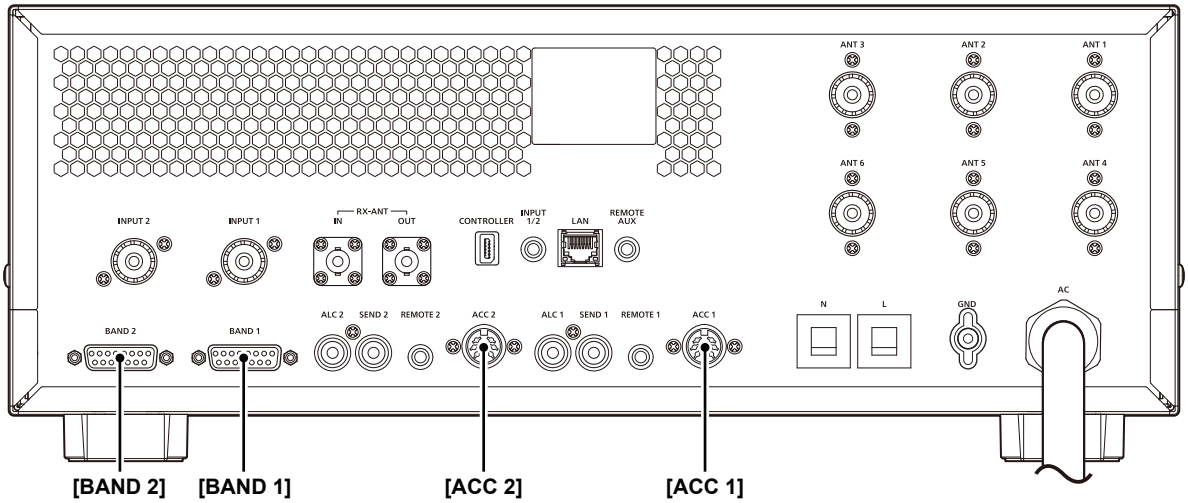


2) Remove the 2 screws from the INPUT UNIT, then remove it from the rear assembly.

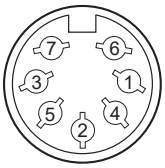


SECTION 4 INTERFACE INFORMATION

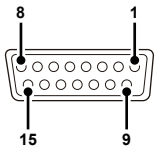
Rear view



■ [ACC 1]/[ACC 2]

[ACC 1]/[ACC 2]	Pin number	Pin name	Description	Specification
7-pin 	1	NC	No connection.	–
	2	GND	Connects to the ground.	–
	3	SEND	Input pin. An Icom exciter controls the linear amplifier. While transmitting, this pin goes to ground.	Input voltage (TX): –0.5 ~ +0.8 V Sink current: 20 mA or less
	4	NC	No connection.	–
	5	ALC	ALC voltage output.	Control voltage: –10 ~ 0 V
	6	NC	No connection.	–
	7	13.8 V	13.8 V DC input terminal.	Input current: 1 A or less

■ **[BAND 1]/[BAND 2]**

[BAND 1]/ [BAND 2]*	Pin number	Pin name	Description	Specification
D-sub 15-pin 	1	1.8 MHz	When the transmitting frequency is between 0.030000 and 2.009999 MHz, outputs 12 V. Other than that, outputs 0 V.	Output voltage: 0 V or 12 V
	2	3.5 MHz	When the transmitting frequency is between 2.010000 and 4.999999 MHz, outputs 12 V. Other than that, outputs 0 V.	
	3	7 MHz	When the transmitting frequency is between 5.000000 and 7.999999 MHz, outputs 12 V. Other than that, outputs 0 V.	
	4	14 MHz	When the transmitting frequency is between 11.000000 and 14.999999 MHz, outputs 12 V. Other than that, outputs 0 V.	
	5	21 MHz	When the transmitting frequency is between 20.000000 and 21.999999 MHz, outputs 12 V. Other than that, outputs 0 V.	
	6	28 MHz	When the transmitting frequency is between 26.000000 and 33.000000 MHz, outputs 12 V. Other than that, outputs 0 V.	
	7	GND	Connects to the ground.	–
	8	NC	No connection.	–
	9	NC	No connection.	–
	10	NC	No connection.	–
	11	10 MHz	When the transmitting frequency is between 8.000000 and 10.999999 MHz, outputs 12 V. Other than that, outputs 0 V.	Output voltage: 0 V to 12 V
	12	18 MHz	When the transmitting frequency is between 15.000000 and 19.999999 MHz, outputs 12 V. Other than that, outputs 0 V.	
	13	24 MHz	When the transmitting frequency is between 22.000000 and 25.999999 MHz, outputs 12 V. Other than that, outputs 0 V.	
	14	50 MHz	When the transmitting frequency is between 33.000001 and 65.000000 MHz, outputs 12 V. Other than that, outputs 0 V.	
	15	NC	No connection.	–

*[BAND 1] corresponds to the exciter connected to [INPUT 1]. [BAND 2] corresponds to the exciter connected to [INPUT 2].

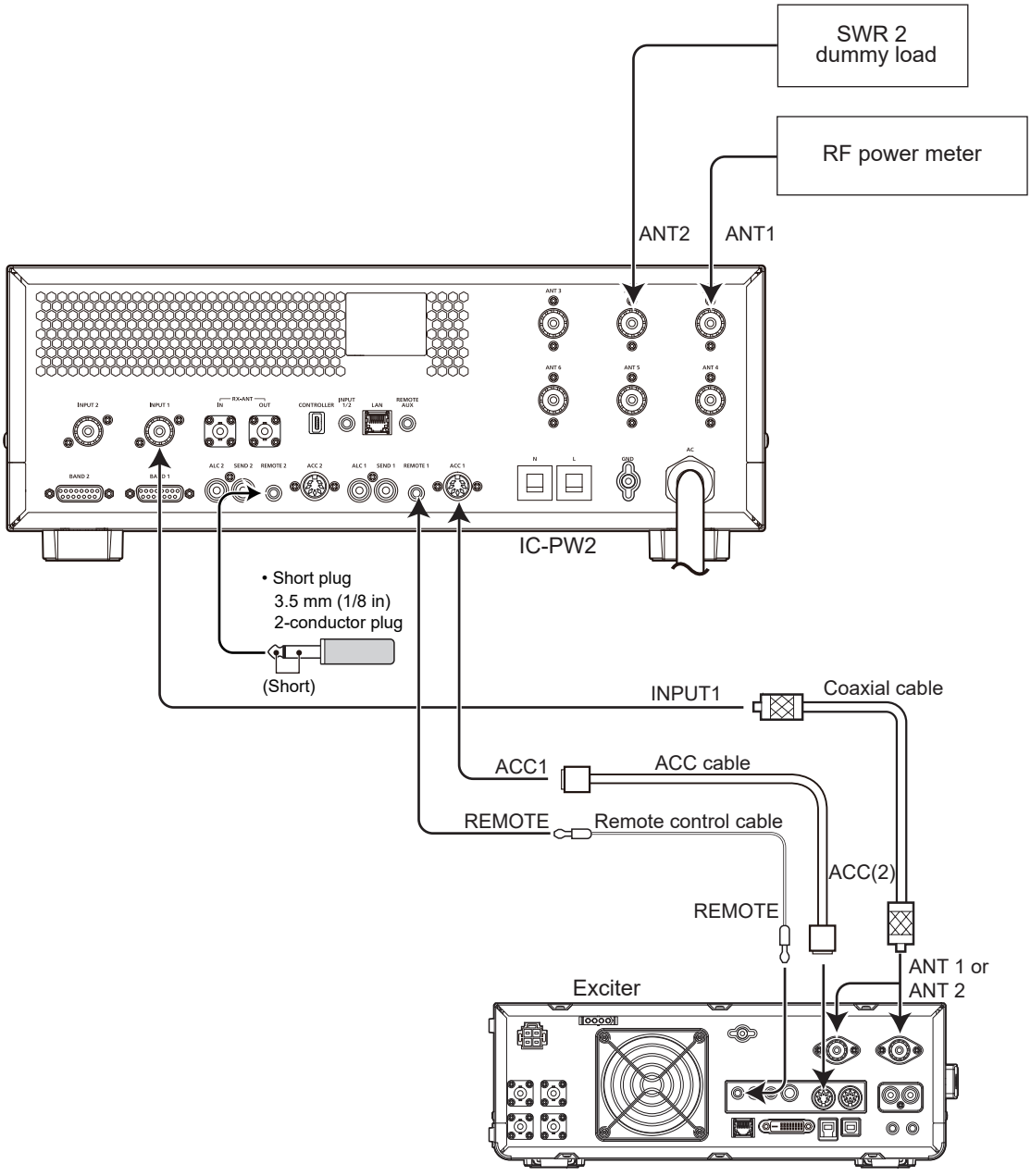
SECTION 5 ADJUSTMENT PROCEDURES

5-1 PREPARATION

■ REQUIRED EQUIPMENT

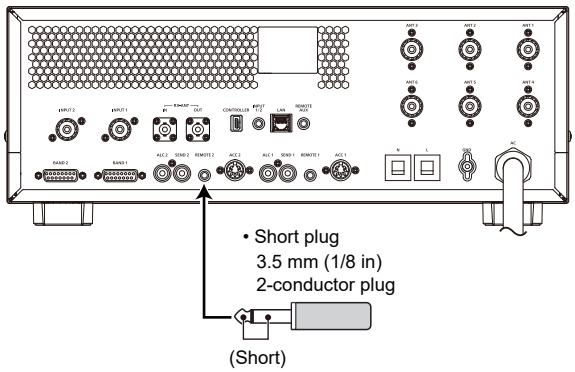
EQUIPMENT	GRADE AND RANGE	EQUIPMENT	GRADE AND RANGE
Exciter	IC-7610	SWR 2 dummy load	Rated input power: 1000 W or more Impedance: 25 Ω
		ACC Cable	Supplied with the IC-PW2
AC power supply	Output voltage: Up to 200 V AC	RF power meter (50 Ω terminated)	Measuring range: 10 ~ 1500 W Frequency range: Up to 60 MHz

■ CONNECTIONS

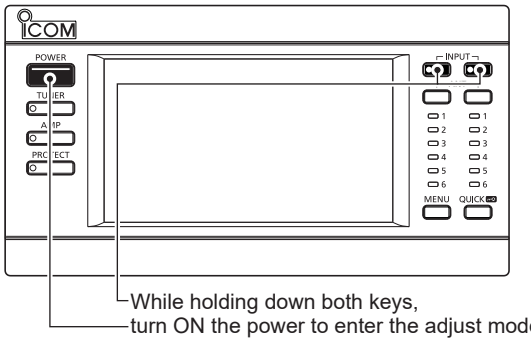


■ENTERING THE ADJUST MODE

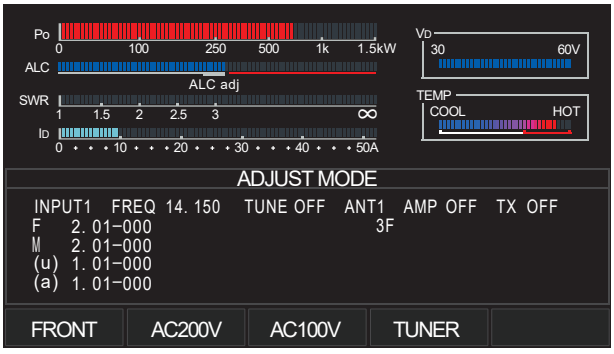
1. Turn OFF the power.
   Connect the short plug to the [REMOTE2] jack.



2. While holding down both [INPUT1] and [INPUT2], turn ON the power to enter the adjust mode.



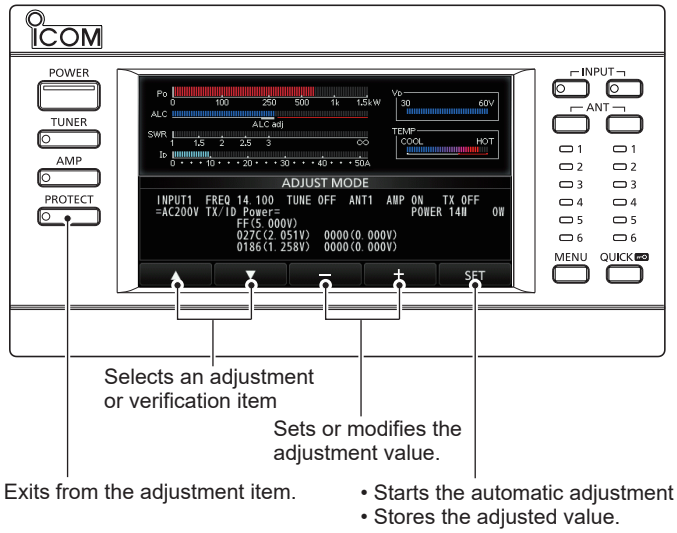
3. The Adjust Mode Main menu is displayed.



(This screen is an example.)

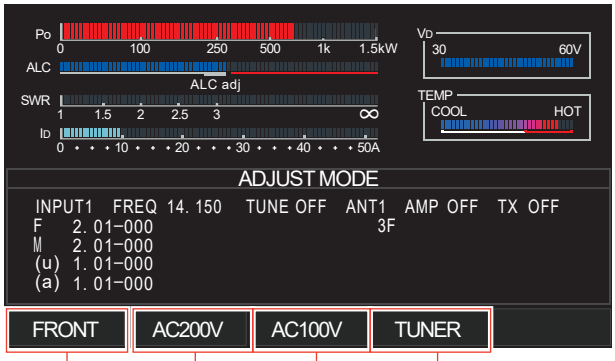
■KEY ASSIGNMENTS FOR THE ADJUST MODE

- Touch [▼] to select the next adjustment item, touch [▲] to select the previous adjustment item.
- Touch [+]/[–] to set or modify the adjustment value.
- Touch [SET] to start automatic adjustment, or store the adjusted value, and select the next adjustment item.
- Push [PROTECT] to exit from the adjustment item.



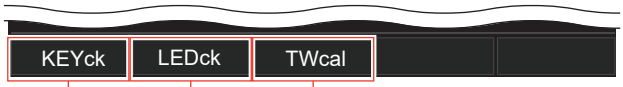
■ ADJUST MODE SCREENS

• MAIN MENU



Enter the TUNER verfication menu.
Enter the AC100V adjust menu.
Enter the AC200V adjust menu.
Enter the FRONT key adjust menu.

• FRONT KEY ADJUST MENU
(MAIN MENU > [FRONT])



Starts the touch screen calibration.
Starts the LED verification.
Starts the key verification.

• AC100V ADJUST MENU
(MAIN MENU > [AC100V])

Enter the AC100V TX/ID verification menu.
Enter the AC100V Preset verification menu.

• AC200V ADJUST MENU
(MAIN MENU > [AC200V])

Enter the AC200V TX/ID verification menu.
Enter the AC200V Preset verification menu.

• AC100V PRESET ADJUST MENU
(MAIN MENU > [AC100V] > [Preset])

Starts the ID APC verification.

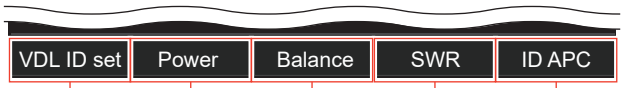
• AC200V PRESET VERIFICATION MENU
(MAIN MENU > [AC200V] > [Preset])

Starts the ID APC verification.

• AC100V TX/ID VERIFICATION MENU
(MAIN MENU > [AC100V] > [TX/ID])

Starts the Power verification.
Starts the VDL ID set verification.

• AC200V TX/ID ADJUSTMENT MENU
(MAIN MENU > [AC200V] > [TX/ID])



Starts the ID APC verification.
Starts the SWR verification.
Starts the Balance verification.
Starts the Power adjustment.
Starts the VDL ID set verification.

• TUNER ADJUSTMENT MENU
(MAIN MENU > [TUNER])

Starts the TUNER automatic adjustment.

5-2 FRONT PANEL OPERATION VERIFICATION

1. Touch [FRONT] on the Adjust mode Main menu.
2. Touch [KEYck] to enter to the Key Operation Verification mode.
3. Follow the instructions displayed on the screen, and push the corresponding key.
4. Follow the instructions displayed on the screen, and verify the corresponding LED is lit.
5. Push the [QUICK] key, and verify the LCD screen changes in order of black, red, green, blue, minimum, and maximum backlight brightness.
6. Push the [QUICK] key to start the touch screen calibration, and touch the dot in order of the instructions displayed on the screen.
7. Push [MENU] to return to the adjustment mode menu.

5-3 ADJUSTMENT AT 200 V

Touch [AC200V] on the adjustment mode main menu.

ADJUSTMENT		ADJUSTMENT ITEM DISPLAY	SETTING CONDITION	EXCITER'S CONDITION	OPERATION
ID-APC PRESET	1	ID APC REF AC200V	–	–	Touch [Preset], then touch [ID-APC] to enter the adjustment menu.
	2				Touch [+]/[–] to set to "B2", and then touch [SET]. Push [MENU] twice to return to the adjustment mode menu.
IDLING	1	–	• Connect the 200 V AC power source to [AC].	–	Touch [TX/ID], then touch [VDL IDL set] to enter the adjustment menu.
	2	VDL IDL Set		• Frequency: 14.10 MHz • Mode: CW • RF POWER: 0% • MIC GAIN: 0%	Touch [SET].
	3	FINAL ID SET			Touch [▼].
	4	FINAL200V ID1V			Touch [SET].
	5	FINAL200V ID2V			Touch [▼].
OUTPUT POWER	6	TX POWER SET	• Connect the 200 V AC power source to [AC]. • Connect the RF power meter to [ANT1].	• Frequency: 14.10 MHz • Mode: CW • RF POWER: 100% • MIC GAIN: 0%	Touch [▼].
	7	SWR detector adjustment			Touch [▼].
	8	POWER 14M 0W			Touch [SET].
	9	POWER 14M 100W		• Mode: RTTY	Touch [+]/[–] to set to 100 W, and then touch [SET].
	10	POWER 14M 250W			Touch [+]/[–] to set to 250 W, and then touch [SET].
	11	POWER 14M 500W			Touch [+]/[–] to set to 500 W, and then touch [SET].
	12	DPD-APC 14M 600W			Touch [+]/[–] to set to 600 W, and then touch [SET].
	13	POWER 14M 1kW			Touch [+]/[–] to set to 1000 W, and then touch [SET].
	14	DPD-APC 14M 1.15kW			Touch [+]/[–] to set to 1150 W, and then touch [SET].
	15	POWER 14M 10W TUNE			Touch [+]/[–] to set to 10 W, and then touch [SET].
OUTPUT POWER BALANCE	17	POWER BAND BALANCE SET	• Connect the 200 V AC power source to [AC]. • Connect the RF power meter to [ANT1].	• Frequency: 1.91 MHz • Mode: RTTY • RF POWER: 100% • MIC GAIN: 0%	Touch [▼].
	18	POWER 1.8M 1kW			Touch [+]/[–] to set to 1000 W, and then touch [SET].
	19	POWER 3.5M 1kW		• Frequency: 3.56 MHz	
	20	POWER 7M 1kW		• Frequency: 7.1 MHz	
	21	POWER 10M 1kW		• Frequency: 10.1 MHz	
	22	POWER 18M 1kW		• Frequency: 18.1 MHz	
	23	POWER 21M 1kW		• Frequency: 21.2 MHz	
	24	POWER 24M 1kW		• Frequency: 24.9 MHz	
	25	POWER 28M 1kW		• Frequency: 28.5 MHz	
	26	POWER 50M 1kW		• Frequency: 50.1 MHz	
	27	POWER 52M 1kW		• Frequency: 52.0 MHz	
	28	POWER 54M 1kW		• Frequency: 54.0 MHz	

Continued on the next page…

5-3 ADJUSTMENT AT 200 V (CONTINUED)

Touch [AC200V] on the adjustment mode main menu.

ADJUSTMENT		ADJUSTMENT ITEM DISPLAY	SETTING CONDITION	EXCITER'S CONDITION	OPERATION
SWR METER	29	SWR1(HF)	• Connect the 200 V AC power source to [AC]. • Connect the RF power meter to [ANT1]. • Connect the SWR 2 dummy load to [ANT2].	• Frequency: 14.10 MHz • Mode: RTTY • RF POWER: 100% • MIC GAIN: 0%	Touch [SET].
	30	SWR1(50M)		• Frequency: 50.1 MHz	
	31	SWR2(HF)		• Frequency: 14.10 MHz	
	32	SWR2(50M)		• Frequency: 50.1 MHz	
ID APC	31	ID-APC	• Connect the 200 V AC power source to [AC]. • Connect the RF power meter to [ANT1].	• Frequency: 14.10 MHz • Mode: RTTY • RF POWER: 100% • MIC GAIN: 0%	Touch [SET].

5-4 ADJUSTMENT AT 100 V

Touch [AC100V] on the adjustment mode main menu.

ADJUSTMENT		ADJUSTMENT ITEM DISPLAY	SETTING CONDITION	EXCITER'S CONDITION	OPERATION
IDLING	1	–	• Connect the 100 V AC power source to [AC].	–	Touch [TX/ID], then touch [VDL IDL set] to enter the adjustment menu.
	2	VDL IDL Set		• Frequency: 14.10 MHz • Mode: CW • RF POWER: 0% • MIC GAIN: 0%	Touch [SET].
	3	FINAL ID SET			Touch [▼].
	4	FINAL100V ID1V			Touch [SET].
	5	FINAL100V ID2V			Touch [▼].
OUTPUT POWER	6	TX POWER SET	• Connect the 100 V AC power source to [AC]. • Connect the RF power meter to [ANT1].	• Frequency: 14.10 MHz • Mode: RTTY • RF POWER: 100% • MIC GAIN: 0%	Touch [▼].
	7	POWER 14M 500W AC100V			Touch [+]/[–] to set to 500 W, and then touch [SET].
	8	DPD-APC 14M 600W AC100V			Touch [+]/[–] to set to 600 W, and then touch [SET].

5-5 TUNER ADJUSTMENT

Touch [TUNER] on the adjustment mode main menu.

ADJUSTMENT		ADJUSTMENT ITEM DISPLAY	SETTING CONDITION	EXCITER'S CONDITION	OPERATION
TUNER	1	–	• Connect the 200 V AC power source to [AC].	–	Touch [TUNER] to enter the TUNER adjustment menu.
	2	Tune IREFV 52M	• Connect the RF power meter to [ANT1].	• Frequency: 52.0 MHz • Mode: RTTY • RF POWER: 100% • MIC GAIN: 0%	Touch [SET].
	3	Tune IREFV 1.8M		• Frequency: 1.91 MHz	
	4	Tune IREFV 3.5M		• Frequency: 3.56 MHz	
	5	Tune IREFV 7M		• Frequency: 7.1 MHz	
	6	Tune IREFV 10M		• Frequency: 10.1 MHz	
	7	Tune IREFV 14M		• Frequency: 14.1 MHz	
	8	Tune IREFV 18M		• Frequency: 18.1 MHz	
	9	Tune IREFV 21M		• Frequency: 21.2 MHz	
	10	Tune IREFV 24M		• Frequency: 24.9 MHz	
	11	Tune IREFV 28M		• Frequency: 28.5 MHz	

SECTION 6 PARTS LIST

[DISPLAY UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC121	1190003620	S.IC	TPS61161ADRVR	B	52.1/49.8
IC151	1130020500	S.IC	TSC2046EIRGVR	B	63.6/48.5
IC551	1110007610	S.IC	TPA0211DGNR	B	100.0/12.5
IC601	6910025460	S.DC	MAX17503ATP+T	B	95.7/50.8
IC621	1180004740	S.REG	S-1313D33-M5T1U3	B	115.0/51.7
IC631	6910027620	S.DC	TPS54418RTER	B	98.8/66.4
IC641	1180004740	S.REG	S-1313D33-M5T1U3	B	80.0/62.0
IC1001	1140017540	S.IC	R7S721000VCFP	B	21.0/42.0
IC1101	1120003170	S.IC	ISL83083EIUZ-T	B	33.0/21.5
IC1301	1110010360	S.IC	XC6119N30A7R-G	B	3.6/63.5
IC1401	1130019960	S.IC	IS25LP128F-JBLE-TY	B	69.2/25.0
IC1501	1130016621	S.IC	GT24C128B-2ZLI-TR	B	77.5/47.5
Q21	1590004690	S.TRA	LDTC143ZET1G	B	1.8/35.5
Q22	1590004690	S.TRA	LDTC143ZET1G	B	1.8/38.5
Q31	1590004690	S.TRA	LDTC143ZET1G	B	1.8/29.9
Q41	1590004690	S.TRA	LDTC143ZET1G	B	1.8/32.7
Q51	1590004690	S.TRA	LDTC143ZET1G	B	131.0/65.1
Q52	1590004690	S.TRA	LDTC143ZET1G	B	127.6/63.0
Q61	1590004690	S.TRA	LDTC143ZET1G	B	129.4/47.3
Q62	1590004690	S.TRA	LDTC143ZET1G	B	129.4/42.8
Q63	1590004690	S.TRA	LDTC143ZET1G	B	129.4/38.3
Q64	1590004690	S.TRA	LDTC143ZET1G	B	129.4/33.8
Q65	1590004690	S.TRA	LDTC143ZET1G	B	129.4/31.5
Q66	1590004690	S.TRA	LDTC143ZET1G	B	129.4/29.3
Q71	1590004690	S.TRA	LDTC143ZET1G	B	144.3/65.0
Q72	1590004690	S.TRA	LDTC143ZET1G	B	141.9/63.0
Q81	1590004690	S.TRA	LDTC143ZET1G	B	143.0/47.3
Q82	1590004690	S.TRA	LDTC143ZET1G	B	143.0/42.8
Q83	1590004690	S.TRA	LDTC143ZET1G	B	143.0/38.3
Q84	1590004690	S.TRA	LDTC143ZET1G	B	143.0/33.8
Q85	1590004690	S.TRA	LDTC143ZET1G	B	143.0/29.3
Q86	1590004690	S.TRA	LDTC143ZET1G	B	143.0/24.8
Q201	1590004690	S.TRA	LDTC143ZET1G	B	57.6/58.8
Q202	1520000651	S.TRA	2SB1201S-TL-E	B	65.1/61.0
Q1101	1590004690	S.TRA	LDTC143ZET1G	B	38.5/18.5
D121	1750004290	S.DIO	RBR2MM40BTR	B	44.9/51.9
D707	1790002240	S.VAR	EZAEG2N50AX	B	36.8/10.6
D1101	1750001820	S.DIO	LRB706F-40T1G	B	37.5/24.8
X1001	6050014170	S.XTA	CR-1017 (48.000 MHz)	B	25.5/61.9
L121	6200015990	S.COI	LQH32CN470K23L	B	52.8/54.4
L122	6200018810	S.COI	LQH44PN220MPRL	B	48.2/53.2
L601	6180003840	S.COI	VLCF4020T-3R3N1R5	B	102.4/50.5
L631	6200016281	S.COI	LSXND5050WKT1R0NMG	B	93.2/65.8
L707	6200018810	S.COI	LQH44PN220MPRL	B	36.8/13.6
R11	7030016410	S.RES	RMC1/16S-561JTH (560)	T	10.7/63.3
R21	7030016300	S.RES	RMC1/16S-332JTH (3.3 k)	T	5.4/49.8
R22	7030016420	S.RES	RMC1/16S-182JTH (1.8 k)	T	4.4/49.8
R23	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	7.6/49.8
R31	7030016300	S.RES	RMC1/16S-332JTH (3.3 k)	T	3.8/40.0
R32	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	7.5/40.0
R41	7030016420	S.RES	RMC1/16S-182JTH (1.8 k)	T	3.8/30.2
R42	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	7.5/30.2
R51	7030015940	S.RES	RMC1/16S-681JTH (680)	B	133.0/65.1
R52	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	131.6/61.2
R53	7030016270	S.RES	RMC1/16S-151JTH (150)	B	129.6/63.0
R61	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	131.4/47.3
R62	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	131.4/42.8
R63	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	131.4/38.3
R64	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	131.4/33.8
R65	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	131.4/31.5
R66	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	131.4/29.3
R67	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	131.6/52.2
R71	7030015940	S.RES	RMC1/16S-681JTH (680)	B	146.3/65.0
R72	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	145.2/61.2
R73	7030016270	S.RES	RMC1/16S-151JTH (150)	B	143.9/63.0
R81	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	145.0/47.3
R82	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	145.0/42.8
R83	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	145.0/38.3
R84	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	145.0/33.8
R85	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	145.0/29.3
R86	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	145.0/24.8
R87	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	145.2/52.2
R91	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	133.2/30.4
R92	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	146.8/30.4
R101	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	54.2/45.4
R121	7030016130	S.RES	RMC1/16S-150JTH (15)	B	55.4/50.7
R122	7030016600	S.RES	RMC1/16S-8R2JTH (8.2)	B	55.4/51.6
R141	7030016150	S.RES	RMC1/16S-100JTH (10)	B	62.1/45.5
R142	7030016150	S.RES	RMC1/16S-100JTH (10)	B	60.4/47.6
R143	7030016150	S.RES	RMC1/16S-100JTH (10)	B	64.4/45.4
R144	7030016150	S.RES	RMC1/16S-100JTH (10)	B	63.2/42.9
R151	7030016020	S.RES	RMC1/16S-104JTH (100 k)	B	66.4/51.6
R152	7030016020	S.RES	RMC1/16S-104JTH (100 k)	B	66.7/50.4
R153	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	67.3/44.8
R154	7030015920	S.RES	RMC1/16S-221JTH (220)	B	42.5/30.0
R155	7030015920	S.RES	RMC1/16S-221JTH (220)	B	43.2/31.4
R156	7030015920	S.RES	RMC1/16S-221JTH (220)	B	43.9/29.4
R157	7030015920	S.RES	RMC1/16S-221JTH (220)	B	44.6/30.9
R158	7030015920	S.RES	RMC1/16S-221JTH (220)	B	45.3/28.8
R159	7030015920	S.RES	RMC1/16S-221JTH (220)	B	46.7/35.1
R160	7030015920	S.RES	RMC1/16S-221JTH (220)	B	47.5/36.5
R161	7030015920	S.RES	RMC1/16S-221JTH (220)	B	48.2/34.6
R162	7030015920	S.RES	RMC1/16S-221JTH (220)	B	48.3/30.9
R163	7030015920	S.RES	RMC1/16S-221JTH (220)	B	49.2/32.1
R164	7030015920	S.RES	RMC1/16S-221JTH (220)	B	49.7/30.4
R165	7030015920	S.RES	RMC1/16S-221JTH (220)	B	51.1/38.1
R166	7030015920	S.RES	RMC1/16S-221JTH (220)	B	51.8/36.4
R167	7030015920	S.RES	RMC1/16S-221JTH (220)	B	52.1/38.1
R168	7030015920	S.RES	RMC1/16S-221JTH (220)	B	52.8/36.4
R169	7030015920	S.RES	RMC1/16S-221JTH (220)	B	53.2/38.1
R170	7030015920	S.RES	RMC1/16S-221JTH (220)	B	54.6/37.6
R171	7030015920	S.RES	RMC1/16S-221JTH (220)	B	55.6/33.9
R172	7030015920	S.RES	RMC1/16S-221JTH (220)	B	55.7/37.6
R173	7030015920	S.RES	RMC1/16S-221JTH (220)	B	56.6/37.6
R174	7030015920	S.RES	RMC1/16S-221JTH (220)	B	57.5/37.6
R201	7030015920	S.RES	RMC1/16S-221JTH (220)	B	59.6/58.8
R202	7030015910	S.RES	RMC1/16S-101JTH (100)	B	60.0/60.5
R501	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/52.2
R502	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	1.4/52.9
R503	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/50.5
R504	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	1.4/51.3
R505	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.7/48.4
R506	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	1.4/49.7
R507	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/47.4
R508	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	1.4/48.1
R509	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/46.5
R510	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	1.4/46.5
R511	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/45.6
R512	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	1.4/44.9
R513	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/44.7
R514	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	1.4/43.3
R515	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/43.8
R516	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	3.5/42.9
R517	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	2.3/52.9
R518	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	2.3/51.3
R519	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	2.3/49.7
R520	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	2.3/48.1
R521	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	2.3/46.5
R522	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	2.3/44.9
R523	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	2.3/43.3
R551	7030016140	S.RES	RMC1/16S-124JTH (120 k)	B	98.5/16.4
R552	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	101.5/17.8
R604	7030018830	S.RES	RGC1/16SC822DTH (8.2 k)	B	92.1/50.5
R605	7030016810	S.RES	RGC1/16SC392DTH (3.9 k)	B	92.1/49.5
R606	7030018480	S.RES	RGC1/16SC563DTH (56 k)	B	92.1/51.4
R607	7030021400	S.RES	RG1005P-333-D-T10 (33 k)	B	92.9/53.5
R608	7030016560	S.RES	RMC1/16SJPTH (JPW)	B	94.7/54.0
R631	7030016770	S.RES	RMC1/16SK334DTH (330 k)	B	97.4/64.0
R633	7030016050	S.RES	RMC1/16S-102JTH (1 k)	B	98.6/63.6
R634	7030020730	S.RES	RGC1/16C183DTP (18 k)	B	97.7/61.1
R635	7030020650	S.RES	RGC1/16C154DTP (150 k)	B	100.3/62.4
R636	7030020650	S.RES	RGC1/16C154DTP (150 k)	B	100.3/63.6
R637	7030020730	S.RES	RGC1/16C183DTP (18 k)	B	100.3/61.1
R641	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	82.7/61.0
R710	7540000380	S.ABS	EZAEG2A50AX	B	31.3/6.6
R711	7540000380	S.ABS	EZAEG2A50AX	B	30.4/7.0
R712	7540000380	S.ABS	EZAEG2A50AX	B	29.8/17.7
R713	7540000380	S.ABS	EZAEG2A50AX	B	29.1/15.9
R714	7540000380	S.ABS	EZAEG2A50AX	B	32.2/6.2
R715	7540000380	S.ABS	EZAEG2A50AX	B	29.4/10.3
R716	7030016250	S.RES	RMC1/16S-220JTH (22)	B	31.0/17.2
R717	7030016250	S.RES	RMC1/16S-220JTH (22)	B	31.0/16.3
R718	7030016250	S.RES	RMC1/16S-220JTH (22)	B	31.0/11.7
R719	7030016250	S.RES	RMC1/16S-220JTH (22)	B	30.6/10.8
R720	7540000380	S.ABS	EZAEG2A50AX	B	91.2/36.5
R721	7540000380	S.ABS	EZAEG2A50AX	B	91.2/34.4
R722	7540000380	S.ABS	EZAEG2A50AX	B	91.2/35.6
R723	7540000380	S.ABS	EZAEG2A50AX	B	91.2/32.8
R1001	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	4.0/35.0
R1002	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	8.7/59.5
R1003	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	9.6/59.5
R1004	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	10.5/59.5
R1005	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	12.8/59.5
R1006	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	15.3/59.5
R1007	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	17.1/59.5
R1010	7030016500	S.RES	RMC1/16S-562JTH (5.6 k)	B	23.2/59.5
R1012	7030015930	S.RES	RMC1/16S-471JTH (470)	B	26.8/59.6
R1013	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	28.4/61.9
R1014	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	29.3/61.1
R1015	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	30.2/61.1
R1016	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	31.5/61.0
R1017	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	32.4/61.0
R1018	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	33.3/61.0
R1019	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	34.2/61.0
R1020	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	35.1/61.0
R1021	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	36.0/61.0
R1022	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	36.9/61.0
R1023	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	38.0/54.6
R1024	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	32.5/24.5
R1025	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	31.6/24.5
R1026	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	30.7/24.5
R1027	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	29.8/24.5
R1028	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	28.9/24.5
R1029	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	28.0/24.5
R1030	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	12.4/25.4
R1101	7030016210	S.RES	RMC1/16S-121JTH (120)	B	33.0/19.2

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[DISPLAY UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
R1102	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	37.5/23.0
R1103	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	37.5/22.1
R1105	7030016560	S.RES	RMC1/16SJPTH (JPW)	B	37.0/18.5
R1301	7030016560	S.RES	RMC1/16SJPTH (JPW)	B	5.1/65.0
R1303	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	3.4/65.0
R1401	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	66.3/21.0
R1402	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	67.2/21.0
R1403	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	68.1/21.0
R1404	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	75.4/24.3
R1405	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	75.4/25.6
R1406	7030016110	S.RES	RMC1/16S-473JTH (47 k)	B	75.4/27.0
R1501	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	73.2/48.5
R1502	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	72.3/48.5
R1601	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	48.0/62.3
R1602	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	50.7/62.3
R1603	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	51.6/62.3
R1604	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	49.8/62.3
R1605	7030016020	S.RES	RMC1/16S-104JTH (100 k)	B	56.0/64.3
R1606	7030015970	S.RES	RMC1/16S-103JTH (10 k)	B	48.9/62.3
C21	4030022160	S.CER	GRM033B31A104KE84D	B	1.8/34.1
C22	4030022160	S.CER	GRM033B31A104KE84D	B	1.8/37.1
C31	4030022160	S.CER	GRM033B31A104KE84D	B	3.5/29.2
C41	4030022160	S.CER	GRM033B31A104KE84D	B	1.8/31.3
C51	4030022160	S.CER	GRM033B31A104KE84D	B	129.5/65.1
C52	4030022160	S.CER	GRM033B31A104KE84D	B	126.2/62.8
C61	4030022160	S.CER	GRM033B31A104KE84D	B	127.9/47.3
C62	4030022160	S.CER	GRM033B31A104KE84D	B	127.9/42.8
C63	4030022160	S.CER	GRM033B31A104KE84D	B	127.9/38.3
C64	4030022160	S.CER	GRM033B31A104KE84D	B	127.9/33.8
C65	4030022160	S.CER	GRM033B31A104KE84D	B	127.9/31.5
C66	4030022160	S.CER	GRM033B31A104KE84D	B	127.9/29.3
C71	4030022160	S.CER	GRM033B31A104KE84D	B	142.8/65.0
C72	4030022160	S.CER	GRM033B31A104KE84D	B	140.5/62.8
C81	4030022160	S.CER	GRM033B31A104KE84D	B	141.5/47.3
C82	4030022160	S.CER	GRM033B31A104KE84D	B	141.5/42.8
C83	4030022160	S.CER	GRM033B31A104KE84D	B	141.5/38.3
C84	4030022160	S.CER	GRM033B31A104KE84D	B	141.5/33.8
C85	4030022160	S.CER	GRM033B31A104KE84D	B	141.5/29.3
C86	4030022160	S.CER	GRM033B31A104KE84D	B	141.5/24.8
C121	4030025470	S.CER	GRM155B31C105KA12D	B	55.5/53.9
C122	4030023010	S.CER	0402B104K160CT	B	55.0/49.8
C123	4030023010	S.CER	0402B104K160CT	B	55.0/48.9
C124	4030019560	S.CER	GRM21BB31C106KE15L	B	52.2/52.0
C125	4030026370	S.CER	CL31A106KBHNNPE	B	46.6/48.4
C141	4030022140	S.CER	GRM033B31H102KA12D	B	60.8/46.1
C142	4030022140	S.CER	GRM033B31H102KA12D	B	60.8/46.8
C143	4030022140	S.CER	GRM033B31H102KA12D	B	64.2/44.1
C144	4030022140	S.CER	GRM033B31H102KA12D	B	64.0/42.7
C151	4030022160	S.CER	GRM033B31A104KE84D	B	65.8/44.8
C152	4030022160	S.CER	GRM033B31A104KE84D	B	62.2/51.2
C551	4030022160	S.CER	GRM033B31A104KE84D	B	97.0/16.4
C552	4510007310	S.ELE	16 CE 10 BS	B	100.0/20.7
C553	4030022160	S.CER	GRM033B31A104KE84D	B	101.5/17.0
C554	4030025420	S.CER	GRM033R61A105ME15D	B	101.5/16.4
C601	4030026440	S.CER	CL32A476KOJNNPE	B	106.1/44.1
C602	4030023010	S.CER	0402B104K160CT	B	97.3/47.9
C603	4030023010	S.CER	0402B104K160CT	B	98.9/49.9
C604	4030026440	S.CER	CL32A476KOJNNPE	B	101.1/54.3
C605	4030026440	S.CER	CL32A476KOJNNPE	B	103.9/59.1
C607	4030023010	S.CER	0402B104K160CT	B	92.1/48.6
C608	4030022510	S.CER	GRM155B31A225KE95D	B	95.6/54.9
C621	4030025420	S.CER	GRM033R61A105ME15D	B	118.0/52.1
C622	4030019560	S.CER	GRM21BB31C106KE15L	B	114.9/55.3
C623	4030023010	S.CER	0402B104K160CT	B	117.2/52.2
C624	4030023010	S.CER	0402B104K160CT	B	114.6/53.9
C631	4030022360	S.CER	GRM188R61A226ME15D	B	102.3/66.2
C632	4030023010	S.CER	0402B104K160CT	B	101.2/66.3
C633	4030023010	S.CER	0402B104K160CT	B	96.4/67.6
C634	4030023030	S.CER	0402B103K250CT	B	96.4/65.1
C635	4030023210	S.CER	0402B472K500CT	B	97.4/63.1
C636	4030022360	S.CER	GRM188R61A226ME15D	B	92.5/61.2
C637	4030022360	S.CER	GRM188R61A226ME15D	B	92.5/62.4
C639	4550009120	S.TAN	267E4001476MR533	B	83.9/67.8
C640	4030023010	S.CER	0402B104K160CT	B	88.6/69.3
C641	4030023030	S.CER	0402B103K250CT	B	82.7/60.1
C642	4030025420	S.CER	GRM033R61A105ME15D	B	82.3/62.4
C643	4030019560	S.CER	GRM21BB31C106KE15L	B	76.4/62.1
C644	4030023010	S.CER	0402B104K160CT	B	77.8/62.4
C701	4030026690	S.CER	RF15N100G500CT	B	33.0/17.6
C702	4030026690	S.CER	RF15N100G500CT	B	33.0/16.0
C703	4030026690	S.CER	RF15N100G500CT	B	33.3/10.8
C704	4030026690	S.CER	RF15N100G500CT	B	32.1/9.5
C705	4030023030	S.CER	0402B103K250CT	B	32.9/13.8
C706	4030023030	S.CER	0402B103K250CT	B	33.3/12.6
C707	4030023010	S.CER	0402B104K160CT	B	37.7/10.6
C708	4030026440	S.CER	CL32A476KOJNNPE	B	108.2/41.1
C1000	4550009120	S.TAN	267E4001476MR533	B	26.0/65.7
C1001	4550009370	S.TAN	267E1002106MR533	B	19.4/61.4
C1002	4550009120	S.TAN	267E4001476MR533	B	21.5/61.4
C1003	4030022160	S.CER	GRM033B31A104KE84D	B	4.0/30.6
C1004	4030022160	S.CER	GRM033B31A104KE84D	B	4.0/31.6
C1005	4030022160	S.CER	GRM033B31A104KE84D	B	4.2/36.2
C1006	4030022160	S.CER	GRM033B31A104KE84D	B	4.0/37.8
C1007	4030022160	S.CER	GRM033B31A104KE84D	B	4.3/39.2
C1008	4030022160	S.CER	GRM033B31A104KE84D	B	4.3/40.5
C1009	4030022160	S.CER	GRM033B31A104KE84D	B	4.3/41.8
C1010	4030022160	S.CER	GRM033B31A104KE84D	B	3.6/49.2
C1011	4030022160	S.CER	GRM033B31A104KE84D	B	3.8/51.4
C1012	4030022160	S.CER	GRM033B31A104KE84D	B	4.0/53.3
C1013	4030022160	S.CER	GRM033B31A104KE84D	B	4.0/54.6
C1014	4030022160	S.CER	GRM033B31A104KE84D	B	11.3/59.5
C1015	4030022160	S.CER	GRM033B31A104KE84D	B	13.6/59.5
C1016	4030022160	S.CER	GRM033B31A104KE84D	B	17.9/59.5

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
C1017	4030025290	S.CER	GRM0332C1H150JA01D	B	24.3/63.8
C1018	4030025290	S.CER	GRM0332C1H150JA01D	B	25.5/63.8
C1019	4030022160	S.CER	GRM033B31A104KE84D	B	27.8/59.5
C1020	4030022160	S.CER	GRM033B31A104KE84D	B	29.0/59.5
C1021	4030022160	S.CER	GRM033B31A104KE84D	B	30.3/59.5
C1022	4030022160	S.CER	GRM033B31A104KE84D	B	31.5/59.5
C1023	4030022160	S.CER	GRM033B31A104KE84D	B	38.0/52.2
C1024	4030022160	S.CER	GRM033B31A104KE84D	B	38.0/50.6
C1025	4030022160	S.CER	GRM033B31A104KE84D	B	38.0/47.4
C1026	4030022160	S.CER	GRM033B31A104KE84D	B	38.0/45.8
C1027	4030022160	S.CER	GRM033B31A104KE84D	B	37.2/42.3
C1028	4030022160	S.CER	GRM033B31A104KE84D	B	37.2/41.1
C1029	4030022160	S.CER	GRM033B31A104KE84D	B	37.5/37.4
C1030	4030022160	S.CER	GRM033B31A104KE84D	B	37.5/35.8
C1031	4030022160	S.CER	GRM033B31A104KE84D	B	38.0/32.6
C1032	4030022160	S.CER	GRM033B31A104KE84D	B	38.0/30.6
C1033	4030022160	S.CER	GRM033B31A104KE84D	B	27.2/24.5
C1034	4030022160	S.CER	GRM033B31A104KE84D	B	26.2/24.5
C1035	4030022160	S.CER	GRM033B31A104KE84D	B	24.1/25.0
C1036	4030022160	S.CER	GRM033B31A104KE84D	B	23.1/25.0
C1037	4030022160	S.CER	GRM033B31A104KE84D	B	15.5/25.5
C1038	4030022160	S.CER	GRM033B31A104KE84D	B	10.8/25.5
C1101	4030022160	S.CER	GRM033B31A104KE84D	B	33.5/23.7
C1102	4030022160	S.CER	GRM033B31A104KE84D	B	38.5/17.1
C1301	4030022160	S.CER	GRM033B31A104KE84D	B	4.7/63.5
C1302	4030025910	S.CER	GRM033B31C393KE84D	B	2.5/63.5
C1401	4030022160	S.CER	GRM033B31A104KE84D	B	72.5/21.5
C1501	4030022160	S.CER	GRM033B31A104KE84D	B	74.5/50.0
J101	6510033810	S.CON	AYF564035	B	49.6/41.9
J102	6510029490	S.CON	10FLZ-SM2-TB(LF)(SN)	B	53.0/68.5
J701	6510034960	CON	TM11R-5M2-88-LP(70)		
J702	6510033230	S.CON	4109 FRONT CONNECTOR	B	83.9/31.3
DS11	5040004380	S.LED	SMLEN3BC8TT86	T	8.4/63.4
DS21	5040004620	S.LED	TO-A1608BY-CWF-5	T	2.2/49.8
DS22	5040003600	S.LED	SML-D12U8WT86	T	3.4/49.8
DS31	5040004620	S.LED	TO-A1608BY-CWF-5	T	2.2/40.0
DS41	5040003600	S.LED	SML-D12U8WT86	T	2.8/30.2
DS51	5040003580	S.LED	SML-D12D8WT86	T	134.7/63.7
DS52	5040003500	S.LED	HT-191 UYG-K828	T	131.9/63.7
DS61	5040004620	S.LED	TO-A1608BY-CWF-5	T	134.4/47.3
DS62	5040004620	S.LED	TO-A1608BY-CWF-5	T	134.4/42.8
DS63	5040004620	S.LED	TO-A1608BY-CWF-5	T	134.4/38.3
DS64	5040004620	S.LED	TO-A1608BY-CWF-5	T	134.4/33.8
DS65	5040004620	S.LED	TO-A1608BY-CWF-5	T	134.4/29.3
DS66	5040004620	S.LED	TO-A1608BY-CWF-5	T	134.4/24.8
DS71	5040003580	S.LED	SML-D12D8WT86	T	148.3/63.7
DS72	5040003500	S.LED	HT-191 UYG-K828	T	145.5/63.7
DS81	5040004620	S.LED	TO-A1608BY-CWF-5	T	148.0/47.3
DS82	5040004620	S.LED	TO-A1608BY-CWF-5	T	148.0/42.8
DS83	5040004620	S.LED	TO-A1608BY-CWF-5	T	148.0/38.3
DS84	5040004620	S.LED	TO-A1608BY-CWF-5	T	148.0/33.8
DS85	5040004620	S.LED	TO-A1608BY-CWF-5	T	148.0/29.3
DS86	5040004620	S.LED	TO-A1608BY-CWF-5	T	148.0/24.8
S11	2260002740	S.SWI	LS8J2M-T	T	11.5/60.8
S21	2260002740	S.SWI	LS8J2M-T	T	11.5/49.8
S31	2260002740	S.SWI	LS8J2M-T	T	11.5/40.0
S41	2260002740	S.SWI	LS8J2M-T	T	11.5/30.2
S51	2260002740	S.SWI	LS8J2M-T	T	135.6/61.2
S61	2260002740	S.SWI	LS8J2M-T	T	135.6/52.2
S71	2260002740	S.SWI	LS8J2M-T	T	149.2/61.2
S81	2260002740	S.SWI	LS8J2M-T	T	149.2/52.2
S91	2260002740	S.SWI	LS8J2M-T	T	135.6/14.2
S92	2260002740	S.SWI	LS8J2M-T	T	149.2/14.2
S1301	2230001591	S.SWI	LS38J2F-T	B	4.5/60.5
EP154	6910026050	S.BEA	MMZ1005D121CT	T	22.5/29.0
EP155	6910026050	S.BEA	MMZ1005D121CT	T	27.4/28.2
EP156	6910026050	S.BEA	MMZ1005D121CT	T	25.8/27.9
EP157	6910026050	S.BEA	MMZ1005D121CT	T	24.1/27.6
EP158	6910026050	S.BEA	MMZ1005D121CT	T	22.5/27.3
EP159	6910026050	S.BEA	MMZ1005D121CT	T	29.6/33.7
EP160	6910026050	S.BEA	MMZ1005D121CT	T	28.0/33.3
EP161	6910026050	S.BEA	MMZ1005D121CT	T	26.1/33.0
EP162	6910026050	S.BEA	MMZ1005D121CT	T	27.3/29.9
EP163	6910026050	S.BEA	MMZ1005D121CT	T	25.7/29.6
EP164	6910026050	S.BEA	MMZ1005D121CT	T	24.1/29.3
EP165	6910026050	S.BEA	MMZ1005D121CT	T	27.7/36.1
EP166	6910026050	S.BEA	MMZ1005D121CT	T	29.8/35.8
EP167	6910026050	S.BEA	MMZ1005D121CT	T	28.0/35.1
EP168	6910026050	S.BEA	MMZ1005D121CT	T	29.6/34.7
EP169	6910026050	S.BEA	MMZ1005D121CT	T	26.1/34.5
EP170	6910026050	S.BEA	MMZ1005D121CT	T	35.2/37.3
EP171	6910026050	S.BEA	MMZ1005D121CT	T	35.5/36.0
EP172	6910026050	S.BEA	MMZ1005D121CT	T	33.9/36.5
EP173	6910026050	S.BEA	MMZ1005D121CT	T	33.9/35.4
EP551	6910023350	S.BEA	MMZ1005B601CT	B	98.5/17.8
EP601	6910018930	S.BEA	MPZ2012S601A	B	108.7/46.6
EP602	6910018930	S.BEA	MPZ2012S601A	B	104.5/61.5
EP631	6910018930	S.BEA	MPZ2012S601A	B	103.9/66.0
EP632	6910024810	S.BEA	MPZ2012S300AT	B	88.6/66.8
EP705	6910016330	S.BEA	MMZ1005S 601CT-S	B	31.0/13.5
EP706	6910016330	S.BEA	MMZ1005S 601CT-S	B	31.0/12.6
EP1001	6910026040	S.BEA	MPZ1608S331AT	B	16.8/62.8
EP1002	6910026040	S.BEA	MPZ1608S331AT	B	22.7/65.4
EP1101	6910023350	S.BEA	MMZ1005B601CT	B	29.7/23.3
EP1401	6910023350	S.BEA	MMZ1005B601CT	B	65.0/20.6
EP1501	6910023350	S.BEA	MMZ1005B601CT	B	72.7/49.7

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC1031	1110008930	S.IC	NJU7704F3-03A-TE1	T	57.9/27.7
IC1101	1130010540	S.IC	SN74AHC74PWR	T	127.8/61.7
IC1102	1130016520	S.IC	BU4SU69G2-TR	T	124.9/66.3
IC1111	1130016520	S.IC	BU4SU69G2-TR	B	133.1/44.8
IC1201	6910025460	S.DC	MAX17503ATP+T	T	167.7/75.0
IC1251	1180006130	S.REG	XC6230A001QR-G	T	181.3/78.6
IC1301	1180005130	S.REG	NJM78L08UA-TE1	T	151.0/62.3
IC1371	1180004230	S.REG	XC6222A321MR-G	T	210.1/67.4
IC1401	6910026650	S.DC	ISL8023IRTAJZ-T	T	179.8/53.7
IC1601	6910028150	S.DC	ADP5075ACBZ-R7	T	170.2/54.2
IC1701	6910025460	S.DC	MAX17503ATP+T	T	144.2/76.3
IC1802	1180004630	S.REG	NJM7805DL1A-TE1	T	144.5/45.7
IC2001	1120003170	S.IC	ISL83083EIUZ-T	T	248.0/77.0
IC2011	1130010560	S.IC	SN74AHC244PWR	B	244.4/34.3
IC2012	1130010560	S.IC	SN74AHC244PWR	B	260.4/34.3
IC2101	1140017780	S.IC	R7S721001VCBG	T	245.4/53.0
IC2401	1110010360	S.IC	XC6119N30A7R-G	T	259.1/71.9
IC2501	1130019960	S.IC	IS25LP128F-JBLE-TY	T	251.7/32.2
IC2601	1130016621	S.IC	GT24C128B-2ZLI-TR	T	246.6/32.0
IC2701	1130016730	S.IC	S-1009N30I-M5T1U	T	247.8/67.6
IC2751	1130016730	S.IC	S-1009N30I-M5T1U	T	263.6/64.4
IC2802	1130018410	S.IC	RX-8803LC UB	T	241.9/33.3
IC3001	1110008550	S.IC	NJM2904CRB1-TE1	B	217.4/15.0
IC3051	1110008550	S.IC	NJM2904CRB1-TE1	B	228.4/15.0
IC3101	1130016460	S.IC	R2A20169SA	T	230.1/33.7
IC3201	1130010160	S.IC	TC74HC4052AF(EL,F)	T	243.7/15.2
IC3301	1110008550	S.IC	NJM2904CRB1-TE1	B	121.8/42.0
IC3401	1130019740	S.IC	DP83848KSQ/NOPB	T	216.4/58.0
IC5001	1110005140	S.IC	NJM3403AV-TE1	B	208.4/40.0
IC5002	1110005140	S.IC	NJM3403AV-TE1	B	217.4/40.0
IC5181	1190006150	S.IC	MCP45HV31-103E/MQ	T	204.8/28.7
IC5201	1110008620	S.IC	BA2903SFVM-TR	B	226.4/41.0
IC5301	1190005370	S.IC	SI7020-A20-GM1	T	261.5/81.5
IC5401	1130019210	S.IC	TC74VHC393F(EL,K,F)	T	41.6/66.5
IC5402	1130014260	S.IC	SN74LVC2GU04DCKR	T	44.5/73.1
Q611	1590004060	S.TRA	LDTC114EET1G	T	67.1/44.9
Q612	1590004060	S.TRA	LDTC114EET1G	T	60.0/45.7
Q1001	1560002190	S.FET	RUM002N02T2L	T	43.4/37.1
Q1002	1590005060	S.FET	TPC8132,LQ	T	38.8/37.4
Q1031	1590004060	S.TRA	LDTC114EET1G	T	58.9/24.4
Q1032	1560002190	S.FET	RUM002N02T2L	T	56.1/24.2
Q1033	1590005060	S.FET	TPC8132,LQ	T	52.1/24.8
Q1051	1560002190	S.FET	RUM002N02T2L	T	47.2/36.0
Q1052	1590005060	S.FET	TPC8132,LQ	T	52.1/32.3
Q1071	1560002190	S.FET	RUM002N02T2L	T	57.1/65.6
Q1072	1590005060	S.FET	TPC8132,LQ	T	57.6/69.8
Q1501	1590004060	S.TRA	LDTC114EET1G	T	260.3/25.7
Q1502	1550000500	S.FET	RZF020P01TL	T	260.3/20.4
Q2001	1590004060	S.TRA	LDTC114EET1G	T	253.7/76.5
Q2101	1590004310	S.TRA	LDTA114EET1G	T	229.4/44.7
Q2751	1560002190	S.FET	RUM002N02T2L	T	267.1/65.2
Q2752	1560002190	S.FET	RUM002N02T2L	T	267.1/63.5
Q2901	1590004060	S.TRA	LDTC114EET1G	T	257.5/66.6
Q2902	1590004310	S.TRA	LDTA114EET1G	T	257.5/68.6
Q3301	1510001300	S.TRA	2SAR553P5T100	T	119.2/46.7
Q3302	1530004140	S.TRA	L2SC4081RT1G	T	122.9/47.9
Q3401	1590004310	S.TRA	LDTA114EET1G	T	205.2/48.6
Q3402	1590004310	S.TRA	LDTA114EET1G	T	205.2/50.6
Q5171	1590005220	S.TRA	LDTA114YET1G	T	211.8/46.5
Q5172	1590004690	S.TRA	LDTC143ZET1G	T	209.2/46.6
Q5201	1590004100	S.TRA	LDTC144TET1G	T	229.4/42.5
Q5211	1590004100	S.TRA	LDTC144TET1G	T	229.4/38.7
Q5402	1590004060	S.TRA	LDTC114EET1G	T	43.6/59.9
Q5403	1590004310	S.TRA	LDTA114EET1G	T	45.9/59.4
D1	1790002240	S.VAR	EZAEG2N50AX	B	62.4/77.2
D11	1790002240	S.VAR	EZAEG2N50AX	T	61.0/73.5
D1051	1750003730	S.DIO	RBR5LAM40ATR	T	51.9/39.3
D1052	1750004300	S.DIO	RBR3LAM40CTR	T	51.4/16.5
D1111	1750001820	S.DIO	LRB706F-40T1G	B	136.6/45.2
D1112	1750001820	S.DIO	LRB706F-40T1G	B	139.2/45.2
D1113	1750001820	S.DIO	LRB706F-40T1G	B	141.8/45.2
D1114	1750001820	S.DIO	LRB706F-40T1G	B	144.4/45.2
D1371	1750002110	S.DIO	LRB551V-30T1G	T	206.1/66.2
D1601	1750004290	S.DIO	RBR2MM40BTR	T	169.1/50.7
D2001	1750001820	S.DIO	LRB706F-40T1G	B	254.2/73.0
D2011	1750001820	S.DIO	LRB706F-40T1G	B	251.2/65.6
D2202	1750001810	S.DIO	L1SS400T1G	B	270.0/50.1
D2204	1750001810	S.DIO	L1SS400T1G Only [#13]	B	266.7/48.9
D2205	1750001810	S.DIO	L1SS400T1G	B	270.0/48.9
D2208	1750001810	S.DIO	L1SS400T1G	B	270.0/47.7
D2210	1750001810	S.DIO	L1SS400T1G	B	266.7/46.5
D2211	1750001810	S.DIO	L1SS400T1G	B	270.0/46.5
D2802	1750001810	S.DIO	L1SS400T1G	T	240.9/29.1
D2803	1750001810	S.DIO	L1SS400T1G	T	240.9/30.3
D3022	1750001820	S.DIO	LRB706F-40T1G	B	243.9/73.2
D3041	1750001810	S.DIO	L1SS400T1G	T	218.7/12.6
D3042	1750001820	S.DIO	LRB706F-40T1G	B	241.4/73.2
D3061	1750001810	S.DIO	L1SS400T1G	T	229.1/17.5
D3062	1750001820	S.DIO	LRB706F-40T1G	B	233.9/73.2
D3071	1750001820	S.DIO	LRB706F-40T1G	B	238.9/73.2
D3081	1750001820	S.DIO	LRB706F-40T1G	B	236.4/73.2
D3261	1750001820	S.DIO	LRB706F-40T1G	B	246.8/17.1
D3262	1750001820	S.DIO	LRB706F-40T1G	B	246.8/19.6
D3271	1750001820	S.DIO	LRB706F-40T1G	B	240.6/13.4
D3272	1750001820	S.DIO	LRB706F-40T1G	B	240.6/15.9
D3273	1750001820	S.DIO	LRB706F-40T1G	B	240.6/18.4
D3274	1750001820	S.DIO	LRB706F-40T1G	B	240.6/20.9
D3281	1750001820	S.DIO	LRB706F-40T1G	B	246.8/14.6
D3282	1750001820	S.DIO	LRB706F-40T1G	B	246.8/12.1
D3301	1750004230	S.ZEN	UDZVTE-174.7B	T	123.2/45.7

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
D3401	1750004520	S.DIO	RB521SM-30T2R	B	211.3/58.8
D3402	1750004520	S.DIO	RB521SM-30T2R	B	211.3/57.6
D3403	1750004520	S.DIO	RB521SM-30T2R	B	211.3/61.8
D3404	1750004520	S.DIO	RB521SM-30T2R	B	211.3/60.6
D5001	1750002230	S.DIO	LRB751S-40T1G	T	204.7/43.3
D5002	1750001810	S.DIO	L1SS400T1G	T	210.5/44.4
D5031	1750002110	S.DIO	LRB551V-30T1G	T	214.5/44.8
D5032	1750001820	S.DIO	LRB706F-40T1G	T	231.2/57.2
D5061	1750001810	S.DIO	L1SS400T1G	T	205.1/40.1
D5062	1750001810	S.DIO	L1SS400T1G	T	206.5/35.0
D5063	1750001810	S.DIO	L1SS400T1G	T	205.9/33.3
D5064	1750001810	S.DIO	L1SS400T1G	T	204.1/38.0
D5065	1750001810	S.DIO	L1SS400T1G	T	205.3/35.0
D5066	1750001810	S.DIO	L1SS400T1G	T	204.1/35.5
D5067	1750001810	S.DIO	L1SS400T1G	T	205.3/37.5
D5081	1750001810	S.DIO	L1SS400T1G	T	212.4/40.1
D5101	1750001810	S.DIO	L1SS400T1G	T	214.3/40.1
D5102	1750001810	S.DIO	L1SS400T1G	T	215.3/34.9
D5103	1750001810	S.DIO	L1SS400T1G	T	217.8/33.7
D5131	1750001810	S.DIO	L1SS400T1G	T	221.4/42.6
D5161	1750001810	S.DIO	L1SS400T1G	T	220.6/40.1
D5162	1750001810	S.DIO	L1SS400T1G	T	219.5/35.6
D5163	1750001810	S.DIO	L1SS400T1G	T	219.1/32.2
D5201	1750001810	S.DIO	L1SS400T1G	T	223.5/42.9
D5202	1750001810	S.DIO	L1SS400T1G	T	223.5/39.9
D5203	1750001810	S.DIO	L1SS400T1G	T	226.9/41.1
D5204	1750001810	S.DIO	L1SS400T1G	T	226.1/45.0
D5402	1750001820	S.DIO	LRB706F-40T1G	T	41.1/72.7
FI651	4580000390	S.FIL	DLW5BTM142TQ2L	T	44.4/47.0
X1101	6050012480	S.XTA	CR-838 (4.194304 MHz)	T	119.6/65.4
X2101	6050014170	S.XTA	CR-1017 (48.000 MHz)	T	240.8/67.2
X3401	6050014270	S.XTA	CR-1030 (25.000 MHz)	T	219.5/50.3
L1201	6200016430	S.COI	VLS5045EX-3R3N	T	173.6/75.0
L1401	6200016281	S.COI	LSXND5050WKT1R0NMG	T	184.6/51.2
L1601	6200016400	S.COI	VLS5045EX-6R8M	T	165.3/51.6
L1701	6200016430	S.COI	VLS5045EX-3R3N	T	143.7/70.4
L5401	6200017690	S.COI	NLV32T-101J-EF	T	48.7/71.3
L5402	6200017690	S.COI	NLV32T-101J-EF	T	48.7/65.3
R1	7030016250	S.RES	RMC1/16S-220JTH (22)	T	56.4/75.0
R2	7030016250	S.RES	RMC1/16S-220JTH (22)	T	58.4/75.0
R3	7030016250	S.RES	RMC1/16S-220JTH (22)	T	68.4/75.0
R4	7030016250	S.RES	RMC1/16S-220JTH (22)	T	70.4/75.0
R5	7030016250	S.RES	RMC1/16S-220JTH (22)	T	64.4/74.9
R6	7540000380	S.ABS	EZAEG2A50AX	B	56.4/77.2
R7	7540000380	S.ABS	EZAEG2A50AX	B	58.4/77.2
R8	7540000380	S.ABS	EZAEG2A50AX	B	68.4/77.2
R9	7540000380	S.ABS	EZAEG2A50AX	B	70.4/77.2
R10	7540000380	S.ABS	EZAEG2A50AX	B	64.4/77.2
R11	7540000380	S.ABS	EZAEG2A50AX	B	66.4/77.2
R12	7540000380	S.ABS	EZAEG2A50AX	T	67.2/71.9
R13	7540000380	S.ABS	EZAEG2A50AX	T	65.2/71.9
R14	7540000380	S.ABS	EZAEG2A50AX	T	57.3/74.3
R15	7540000380	S.ABS	EZAEG2A50AX	T	59.3/75.0
R16	7540000380	S.ABS	EZAEG2A50AX	T	69.2/72.9
R17	7540000380	S.ABS	EZAEG2A50AX	T	71.2/72.9
R201	7030015910	S.RES	RMC1/16S-101JTH (100)	T	112.8/11.4
R203	7030015910	S.RES	RMC1/16S-101JTH (100)	T	111.8/11.4
R205	7030015910	S.RES	RMC1/16S-101JTH (100)	T	110.8/11.4
R207	7030015910	S.RES	RMC1/16S-101JTH (100)	T	109.8/11.4
R210	7030015910	S.RES	RMC1/16S-101JTH (100)	T	108.3/18.2
R212	7030015910	S.RES	RMC1/16S-101JTH (100)	T	107.3/18.2
R301	7030015910	S.RES	RMC1/16S-101JTH (100)	T	11.1/55.1
R303	7030015910	S.RES	RMC1/16S-101JTH (100)	T	11.1/53.1
R305	7030015910	S.RES	RMC1/16S-101JTH (100)	T	11.1/59.1
R306	7030015910	S.RES	RMC1/16S-101JTH (100)	T	11.1/63.1
R307	7030015910	S.RES	RMC1/16S-101JTH (100)	T	11.1/57.1
R308	7030015910	S.RES	RMC1/16S-101JTH (100)	T	11.1/61.1
R309	7030015910	S.RES	RMC1/16S-101JTH (100)	T	11.1/49.1
R310	7030015910	S.RES	RMC1/16S-101JTH (100)	T	11.1/47.1
R311	7030015910	S.RES	RMC1/16S-101JTH (100)	T	11.1/51.1
R312	7030015910	S.RES	RMC1/16S-101JTH (100)	T	11.1/45.1
R405	7030015910	S.RES	RMC1/16S-101JTH (100)	T	30.7/18.8
R406	7030015910	S.RES	RMC1/16S-101JTH (100)	T	31.2/11.4
R407	7030015910	S.RES	RMC1/16S-101JTH (100)	T	31.7/18.8
R408	7030015910	S.RES	RMC1/16S-101JTH (100)	T	32.2/11.4
R409	7030015910	S.RES	RMC1/16S-101JTH (100)	T	32.7/18.8
R410	7030015910	S.RES	RMC1/16S-101JTH (100)	T	33.2/11.4
R411	7030015910	S.RES	RMC1/16S-101JTH (100)	T	33.7/18.8
R413	7030015910	S.RES	RMC1/16S-101JTH (100)	T	34.7/18.8
R415	7030015910	S.RES	RMC1/16S-101JTH (100)	T	35.7/18.8
R417	7030015910	S.RES	RMC1/16S-101JTH (100)	T	36.7/18.8
R418	7030015910	S.RES	RMC1/16S-101JTH (100)	T	37.2/11.4
R420	7030015910	S.RES	RMC1/16S-101JTH (100)	T	38.2/11.4
R424	7030015910	S.RES	RMC1/16S-101JTH (100)	T	40.2/11.4
R426	7030015910	S.RES	RMC1/16S-101JTH (100)	T	41.2/11.4
R427	7030016060	S.RES	RMC1/16S-105JTH (1 M)	T	247.0/70.8
R428	7030016060	S.RES	RMC1/16S-105JTH (1 M)	T	246.1/71.3
R503	7030015910	S.RES	RMC1/16S-101JTH (100)	T	22.9/65.8
R505	7030015910	S.RES	RMC1/16S-101JTH (100)	T	23.9/65.8
R506	7030015910	S.RES	RMC1/16S-101JTH (100)	T	23.9/76.3
R507	7030015910	S.RES	RMC1/16S-101JTH (100)	T	24.9/65.8
R508	7030015910	S.RES	RMC1/16S-101JTH (100)	T	24.9/76.3
R510	7030015910	S.RES	RMC1/16S-101JTH (100)	T	25.9/76.3
R538	7030015910	S.RES	RMC1/16S-101JTH (100)	T	72.4/75.5
R540	7030015910	S.RES	RMC1/16S-101JTH (100)	T	74.4/75.5
R603	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	60.6/48.4

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R605	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	65.0/46.9
R611	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	67.1/41.5
R612	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	256.0/55.8
R613	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	256.0/56.8
R614	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	256.0/57.7
R701	7030016520	S.RES RMC1/16S-270JTH (27)	T	257.8/12.2
R702	7030016520	S.RES RMC1/16S-270JTH (27)	T	257.3/18.1
R703	7030016520	S.RES RMC1/16S-270JTH (27)	T	258.3/18.1
R706	7030016520	S.RES RMC1/16S-270JTH (27)	T	261.3/18.1
R708	7030016520	S.RES RMC1/16S-270JTH (27)	T	261.9/12.2
R709	7030016520	S.RES RMC1/16S-270JTH (27)	T	262.8/12.2
R710	7030015910	S.RES RMC1/16S-101JTH (100)	T	262.3/18.1
R711	7030015910	S.RES RMC1/16S-101JTH (100)	T	260.8/12.2
R721	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	257.8/10.6
R722	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	257.3/19.7
R723	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	258.3/19.7
R728	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	261.9/10.6
R729	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	262.8/10.6
R730	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	262.3/19.7
R731	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	260.8/10.6
R1001	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	44.7/37.2
R1002	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	43.3/38.5
R1003	7030016020	S.RES RMC1/16S-104JTH (100 k)	T	42.0/38.7
R1004	7030016000	S.RES RMC1/16S-823JTH (82 k)	T	42.0/37.1
R1031	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	58.8/29.9
R1032	7030016080	S.RES RMC1/16S-822JTH (8.2 k)	T	59.8/29.3
R1033	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	59.8/27.7
R1034	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	57.9/22.9
R1035	7030016020	S.RES RMC1/16S-104JTH (100 k)	T	57.5/21.7
R1036	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	57.5/24.2
R1037	7030016020	S.RES RMC1/16S-104JTH (100 k)	T	55.6/21.0
R1038	7030016000	S.RES RMC1/16S-823JTH (82 k)	T	55.6/22.6
R1051	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	47.2/38.2
R1052	7030016080	S.RES RMC1/16S-822JTH (8.2 k)	T	48.7/40.1
R1053	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	48.4/37.8
R1054	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	47.2/37.3
R1055	7030016020	S.RES RMC1/16S-104JTH (100 k)	T	48.6/35.9
R1056	7030016000	S.RES RMC1/16S-823JTH (82 k)	T	48.1/34.7
R1071	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	59.7/65.2
R1072	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	58.4/65.7
R1073	7030016020	S.RES RMC1/16S-104JTH (100 k)	T	54.5/66.5
R1074	7030016000	S.RES RMC1/16S-823JTH (82 k)	T	55.4/65.6
R1101	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	132.4/61.4
R1102	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	133.3/61.4
R1105	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	122.7/64.6
R1106	7030015910	S.RES RMC1/16S-101JTH (100)	T	130.4/65.6
R1107	7030016060	S.RES RMC1/16S-105JTH (1 M)	T	122.7/66.3
R1111	7030015970	S.RES RMC1/16S-103JTH (10 k)	B	130.8/44.3
R1112	7030016020	S.RES RMC1/16S-104JTH (100 k)	B	132.6/47.2
R1201	7030015910	S.RES RMC1/16S-101JTH (100)	T	164.0/76.0
R1203	7030016380	S.RES RMC1/16S-183JTH (18 k)	T	164.5/72.6
R1204	7030018480	S.RES RGC1/16SC563DTH (56 k)	T	163.7/74.1
R1205	7030017120	S.RES RGC1/16SC103DTH (10 k)	T	162.8/74.1
R1206	7030016840	S.RES RGC1/16SC682DTH (6.8 k)	T	162.8/72.4
R1251	7030016560	S.RES RMC1/16SJPTH (JPW)	T	186.4/78.4
R1252	7030020950	S.RES RMC1/16SK823FTH (82 k)	T	186.4/79.5
R1253	7030018300	S.RES RMC1/16K473FTP (47 k)	T	186.2/80.5
R1301	7030021110	S.RES RMC1-5R6JTE (5.6)	T	153.6/71.8
R1372	7030021140	S.RES RMC1-220JTE (22)	T	206.1/72.0
R1374	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	210.9/65.2
R1401	7030015910	S.RES RMC1/16S-101JTH (100)	T	179.3/56.8
R1403	7030018480	S.RES RGC1/16SC563DTH (56 k)	T	176.9/50.7
R1404	7030018480	S.RES RGC1/16SC563DTH (56 k)	T	177.3/52.0
R1405	7030017080	S.RES RGC1/16SC182DTH (1.8 k)	T	175.7/52.0
R1501	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	260.3/24.1
R1502	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	260.3/22.5
R1503	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	259.8/18.4
R1601	7030015910	S.RES RMC1/16S-101JTH (100)	T	171.4/57.9
R1605	7030016330	S.RES RMC1/16S-153JTH (15 k)	T	168.2/55.7
R1606	7030016910	S.RES RGC1/16SC393DTH (39 k)	T	169.6/57.9
R1607	7030016820	S.RES RGC1/16SC333DTH (33 k)	T	170.5/57.9
R1608	7030016400	S.RES RMC1/16S-564JTH (560 k)	T	168.7/57.9
R1609	7030016400	S.RES RMC1/16S-564JTH (560 k)	T	169.2/56.6
R1610	7030016560	S.RES RMC1/16SJPTH (JPW)	T	174.0/54.0
R1611	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	166.1/39.7
R1612	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	166.1/38.8
R1613	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	166.1/37.9
R1614	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	166.1/37.0
R1702	7030016560	S.RES RMC1/16SJPTH (JPW)	T	146.1/80.0
R1703	7030016380	S.RES RMC1/16S-183JTH (18 k)	T	140.8/78.6
R1704	7030016910	S.RES RGC1/16SC393DTH (39 k)	T	142.0/79.9
R1705	7030016960	S.RES RGC1/16SC102DTH (1.0 k)	T	143.2/80.3
R1706	7030016830	S.RES RGC1/16SC153DTH (15 k)	T	143.2/81.2
R1802	7030021140	S.RES RMC1-220JTE (22)	T	133.0/44.0
R1803	7030021140	S.RES RMC1-220JTE (22)	T	133.0/48.6
R2001	7030016210	S.RES RMC1/16S-121JTH (120)	T	244.3/76.5
R2002	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	251.7/75.1
R2003	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	248.4/74.4
R2004	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	251.3/65.7
R2005	7030016560	S.RES RMC1/16SJPTH (JPW)	T	254.2/75.1
R2006	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	252.9/65.7
R2011	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	242.7/41.5
R2012	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	240.0/41.5
R2013	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	240.9/41.5
R2014	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	258.8/58.2
R2015	7030016020	S.RES RMC1/16S-104JTH (100 k)	B	250.3/35.3
R2016	7030016020	S.RES RMC1/16S-104JTH (100 k)	B	249.8/36.6
R2017	7030016020	S.RES RMC1/16S-104JTH (100 k)	B	235.9/36.9
R2018	7030016020	S.RES RMC1/16S-104JTH (100 k)	B	236.9/35.0
R2019	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	249.1/32.7
R2020	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	240.0/31.9
R2021	7030016020	S.RES RMC1/16S-104JTH (100 k)	B	266.0/37.9
R2022	7030016020	S.RES RMC1/16S-104JTH (100 k)	B	255.6/35.3
R2023	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	265.1/32.6

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R2024	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	265.9/34.1
R2025	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	254.8/32.2
R2026	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	254.9/30.8
R2101	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	243.5/64.1
R2102	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	239.5/64.1
R2103	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	241.8/41.5
R2104	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	252.2/41.5
R2105	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	247.8/64.6
R2106	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	259.9/50.8
R2107	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	233.9/60.7
R2108	7030016500	S.RES RMC1/16S-562JTH (5.6 k)	T	245.6/64.6
R2112	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	259.9/49.0
R2113	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	259.9/48.1
R2114	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	259.9/49.9
R2115	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	259.9/51.7
R2116	7030016060	S.RES RMC1/16S-105JTH (1 M)	T	241.9/64.5
R2117	7030015930	S.RES RMC1/16S-471JTH (470)	T	241.0/64.5
R2121	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	253.1/41.5
R2201	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	267.0/45.3
R2202	7030016110	S.RES RMC1/16S-473JTH (47 k)	B	270.3/45.3
R2301	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	227.2/73.0
R2302	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	226.7/67.1
R2303	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	225.2/73.0
R2304	7030016020	S.RES RMC1/16S-104JTH (100 k)	T	227.7/67.1
R2305	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	226.2/73.0
R2306	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	225.7/67.1
R2401	7030016560	S.RES RMC1/16SJPTH (JPW)	T	262.1/71.7
R2403	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	263.0/71.7
R2501	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	253.6/38.1
R2502	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	252.7/38.1
R2503	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	251.8/38.1
R2504	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	252.4/26.3
R2505	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	251.5/26.3
R2506	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	250.6/26.3
R2601	7030016290	S.RES RMC1/16S-222JTH (2.2 k)	T	246.1/36.3
R2602	7030016290	S.RES RMC1/16S-222JTH (2.2 k)	T	246.1/37.2
R2701	7030016220	S.RES RMC1/16S-563JTH (56 k)	T	252.0/68.3
R2702	7030016090	S.RES RMC1/16S-223JTH (22 k)	T	251.1/68.3
R2703	7030016440	S.RES RMC1/16S-272JTH (2.7 k)	T	251.1/69.9
R2704	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	250.4/66.6
R2751	7030016220	S.RES RMC1/16S-563JTH (56 k)	T	265.5/67.7
R2752	7030016090	S.RES RMC1/16S-223JTH (22 k)	T	263.8/67.7
R2753	7030016440	S.RES RMC1/16S-272JTH (2.7 k)	T	262.6/67.1
R2754	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	268.8/64.3
R2755	7030016220	S.RES RMC1/16S-563JTH (56 k)	T	265.5/66.8
R2756	7030016120	S.RES RMC1/16S-682JTH (6.8 k)	T	265.8/65.1
R2757	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	268.8/65.2
R2801	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	240.9/36.3
R2802	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	242.7/36.3
R2803	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	242.7/30.1
R2902	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	255.2/68.2
R3001	7030015910	S.RES RMC1/16S-101JTH (100)	B	219.6/15.9
R3022	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	215.8/16.6
R3023	7030015990	S.RES RMC1/16S-683JTH (68 k)	T	217.4/16.6
R3024	7030016120	S.RES RMC1/16S-682JTH (6.8 k)	T	215.4/14.8
R3025	7030016330	S.RES RMC1/16S-153JTH (15 k)	T	215.4/15.7
R3027	7030015910	S.RES RMC1/16S-101JTH (100)	T	220.7/16.9
R3028	7030016290	S.RES RMC1/16S-222JTH (2.2 k)	T	221.1/18.1
R3029	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	223.1/16.5
R3030	7030015520	S.RES RMC1/16JPTP (JPW)	T	218.5/17.6
R3043	7030016360	S.RES RMC1/16S-123JTH (12 k)	T	216.0/10.7
R3044	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	216.0/12.5
R3046	7030015900	S.RES RMC1/16S-470JTH (47)	T	220.2/11.8
R3047	7030016290	S.RES RMC1/16S-222JTH (2.2 k)	T	220.7/13.0
R3048	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	223.6/11.4
R3051	7030015910	S.RES RMC1/16S-101JTH (100)	B	230.6/15.9
R3063	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	226.3/18.4
R3064	7030016380	S.RES RMC1/16S-183JTH (18 k)	T	226.3/17.5
R3066	7030015900	S.RES RMC1/16S-470JTH (47)	T	230.7/17.5
R3067	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	231.1/18.7
R3068	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	233.1/17.2
R3073	7030016050	S.RES RMC1/16S-102JTH (1 k)	B	239.3/70.4
R3081	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	227.6/13.5
R3082	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	228.8/12.1
R3083	7030016560	S.RES RMC1/16SJPTH (JPW)	T	230.9/13.3
R3084	7030016420	S.RES RMC1/16S-182JTH (1.8 k)	T	229.3/13.3
R3085	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	229.7/12.1
R3101	7410001230	S.ARR EXB28V101JX	T	224.3/31.2
R3102	7410001230	S.ARR EXB28V101JX	T	224.3/33.7
R3103	7410001230	S.ARR EXB28V101JX	T	224.3/36.2
R3104	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	234.9/33.4
R3201	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	237.8/19.7
R3202	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	237.8/18.1
R3203	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	237.8/15.6
R3204	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	237.8/14.0
R3205	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	236.1/19.7
R3206	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	236.1/15.6
R3207	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	237.8/17.2
R3208	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	249.6/15.9
R3209	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	249.6/18.4
R3210	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	249.6/16.8
R3211	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	249.6/14.3
R3212	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	249.6/12.7
R3213	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	251.3/18.4
R3214	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	251.3/16.8
R3215	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	251.8/14.3
R3216	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	251.3/12.7
R3217	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	236.1/18.1
R3218	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	236.1/14.0
R3302	7030022010	S.RES RMC1/2-2R2JTE (2.2)	B	111.8/47.9
R3304	7030016560	S.RES RMC1/16SJPTH (JPW)	T	122.7/40.5
R3305	7030022000	S.RES RMC1/2-1R0JTE (1)	B	111.8/40.4
R3307	7030016560	S.RES RMC1/16SJPTH (JPW)	T	119.7/41.9
R3310	7030022000	S.RES RMC1/2-1R0JTE (1)	B	111.8/44.1

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
R3314	7030015930	S.RES	RMC1/16S-471JTH (470)	T	124.7/47.5
R3315	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	122.6/44.3
R3316	7030016380	S.RES	RMC1/16S-183JTH (18 k)	T	121.9/43.4
R3317	7030016090	S.RES	RMC1/16S-223JTH (22 k)	T	120.5/43.3
R3318	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	121.9/42.0
R3319	7030021140	S.RES	RMC1-220JTE (22)	B	122.0/47.6
R3401	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/53.8
R3402	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/54.8
R3403	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/55.8
R3404	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/56.8
R3405	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/57.8
R3406	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/58.8
R3407	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/59.8
R3408	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/60.8
R3409	7030015910	S.RES	RMC1/16S-101JTH (100)	T	223.1/61.8
R3410	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/57.8
R3411	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/58.8
R3412	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/59.8
R3413	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/60.8
R3414	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/61.8
R3415	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/56.8
R3416	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/54.8
R3417	7030015910	S.RES	RMC1/16S-101JTH (100)	T	218.2/63.7
R3418	7030019670	S.RES	RMC1/16K392FTP (3.9 k)	T	209.9/52.3
R3419	7030016480	S.RES	RMC1/16S-821JTH (820)	T	207.8/52.3
R3420	7030016270	S.RES	RMC1/16S-151JTH (150)	T	207.8/51.4
R3421	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	213.8/51.5
R3422	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	214.7/51.5
R3423	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	212.0/51.5
R3424	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	212.9/51.5
R3425	7030016080	S.RES	RMC1/16S-822JTH (8.2 k)	T	217.2/51.0
R3426	7030015910	S.RES	RMC1/16S-101JTH (100)	T	209.0/62.1
R3427	7030015910	S.RES	RMC1/16S-101JTH (100)	T	208.1/60.5
R3428	7030015910	S.RES	RMC1/16S-101JTH (100)	T	208.1/57.3
R3429	7030015910	S.RES	RMC1/16S-101JTH (100)	T	209.0/58.9
R3430	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	78.5/35.4
R3431	7030016270	S.RES	RMC1/16S-151JTH (150)	B	86.7/45.7
R3432	7030016270	S.RES	RMC1/16S-151JTH (150)	B	80.4/45.7
R3433	7030016270	S.RES	RMC1/16S-151JTH (150)	B	82.2/46.6
R3434	7030016270	S.RES	RMC1/16S-151JTH (150)	B	87.6/46.6
R3435	7030016560	S.RES	RMC1/16SJPTH (JPW)	B	86.5/51.6
R3436	7030015910	S.RES	RMC1/16S-101JTH (100)	T	208.1/62.1
R3437	7030015910	S.RES	RMC1/16S-101JTH (100)	T	209.0/60.5
R3438	7030015910	S.RES	RMC1/16S-101JTH (100)	T	209.0/57.3
R3439	7030015910	S.RES	RMC1/16S-101JTH (100)	T	208.1/58.9
R3440	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	B	220.7/55.8
R3441	7030016270	S.RES	RMC1/16S-151JTH (150)	B	85.8/45.7
R3442	7030016270	S.RES	RMC1/16S-151JTH (150)	B	79.5/45.7
R3443	7030016270	S.RES	RMC1/16S-151JTH (150)	B	81.3/46.6
R3444	7030016270	S.RES	RMC1/16S-151JTH (150)	B	88.5/46.6
R3445	7030015520	S.RES	RMC1/16JPTP (JPW)	T	205.9/53.7
R3446	7030016560	S.RES	RMC1/16SJPTH (JPW)	B	219.1/63.2
R3447	7030016560	S.RES	RMC1/16SJPTH (JPW)	B	212.5/62.9
R5001	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	206.0/42.5
R5003	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	206.0/44.1
R5004	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	202.9/32.2
R5005	7030016220	S.RES	RMC1/16S-563JTH (56 k)	T	207.6/43.8
R5006	7030016140	S.RES	RMC1/16S-124JTH (120 k)	T	210.2/43.4
R5007	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	210.2/42.5
R5008	7030016190	S.RES	RMC1/16S-273JTH (27 k)	T	208.6/42.5
R5031	7030016060	S.RES	RMC1/16S-105JTH (1 M)	T	215.8/41.1
R5032	7030016060	S.RES	RMC1/16S-105JTH (1 M)	T	216.9/42.9
R5033	7030016060	S.RES	RMC1/16S-105JTH (1 M)	T	215.6/42.5
R5034	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	214.4/43.4
R5035	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	214.5/46.2
R5036	7030016190	S.RES	RMC1/16S-273JTH (27 k)	T	232.3/72.6
R5037	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	231.4/55.0
R5061	7030016430	S.RES	RMC1/16S-392JTH (3.9 k)	T	208.6/34.3
R5062	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	207.5/35.5
R5063	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	207.9/37.2
R5064	7030016000	S.RES	RMC1/16S-823JTH (82 k)	T	207.8/39.3
R5065	7030016320	S.RES	RMC1/16S-225JTH (2.2 M)	T	206.7/37.6
R5066	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	206.2/39.3
R5081	7030015960	S.RES	RMC1/16S-472JTH (4.7 k)	T	209.3/33.1
R5082	7030016320	S.RES	RMC1/16S-225JTH (2.2 M)	T	209.8/34.9
R5083	7030016330	S.RES	RMC1/16S-153JTH (15 k)	T	209.0/37.2
R5084	7030016000	S.RES	RMC1/16S-823JTH (82 k)	T	209.1/39.3
R5085	7030016320	S.RES	RMC1/16S-225JTH (2.2 M)	T	210.8/37.2
R5086	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	209.9/37.2
R5087	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	212.4/38.0
R5101	7030016390	S.RES	RMC1/16S-184JTH (180 k)	T	214.9/35.9
R5102	7030016390	S.RES	RMC1/16S-184JTH (180 k)	T	216.1/36.4
R5103	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	217.0/37.2
R5104	7030016100	S.RES	RMC1/16S-334JTH (330 k)	T	216.8/39.3
R5105	7030016060	S.RES	RMC1/16S-105JTH (1 M)	T	215.7/37.6
R5106	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	214.3/38.0
R5131	7030016390	S.RES	RMC1/16S-184JTH (180 k)	T	218.4/44.9
R5132	7030016390	S.RES	RMC1/16S-184JTH (180 k)	T	218.9/43.7
R5133	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	218.0/42.9
R5134	7030016100	S.RES	RMC1/16S-334JTH (330 k)	T	218.5/41.1
R5135	7030016320	S.RES	RMC1/16S-225JTH (2.2 M)	T	219.2/42.5
R5136	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	220.4/42.9
R5137	7030016500	S.RES	RMC1/16S-562JTH (5.6 k)	B	222.1/45.5
R5138	7030016300	S.RES	RMC1/16S-332JTH (3.3 k)	T	220.8/44.2
R5161	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	219.5/34.6
R5162	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	219.2/36.7
R5164	7030016100	S.RES	RMC1/16S-334JTH (330 k)	T	218.1/39.3
R5165	7030016040	S.RES	RMC1/16S-224JTH (220 k)	T	219.2/37.6
R5166	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	220.6/38.0
R5172	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	210.5/45.5
R5173	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	208.5/45.0
R5181	7030015910	S.RES	RMC1/16S-101JTH (100)	T	203.5/23.8
R5182	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	201.1/30.4
R5183	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	206.5/32.2

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
R5184	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	204.8/24.2
R5191	7030015910	S.RES	RMC1/16S-101JTH (100)	B	208.4/44.7
R5192	7030015910	S.RES	RMC1/16S-101JTH (100)	B	208.0/35.7
R5193	7030015910	S.RES	RMC1/16S-101JTH (100)	B	217.4/44.7
R5194	7030015910	S.RES	RMC1/16S-101JTH (100)	B	217.0/35.7
R5201	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	226.1/43.0
R5202	7030016040	S.RES	RMC1/16S-224JTH (220 k)	T	227.0/43.0
R5203	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	223.9/41.8
R5204	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	223.9/40.9
R5205	7030016140	S.RES	RMC1/16S-124JTH (120 k)	T	225.9/39.1
R5206	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	226.8/39.1
R5207	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	227.7/39.1
R5208	7030016040	S.RES	RMC1/16S-224JTH (220 k)	T	227.9/43.0
R5209	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	228.9/41.1
R5210	7030016070	S.RES	RMC1/16S-474JTH (470 k)	T	228.9/40.2
R5212	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	225.2/43.0
R5213	7030016350	S.RES	RMC1/16S-122JTH (1.2 k)	T	273.1/67.3
R5291	7030015910	S.RES	RMC1/16S-101JTH (100)	B	224.2/39.2
R5402	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	44.1/74.9
R5403	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	43.3/61.4
R5404	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	48.4/60.4
R5406	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	40.3/60.9
R5409	7030015930	S.RES	RMC1/16S-471JTH (470)	T	42.7/74.2
C1	4030025370	S.CER	GRM033R61C104KE14D	T	63.2/71.8
C2	4030025040	S.CER	GRM0332C1H220JA01D	T	66.4/72.1
C3	4030025300	S.CER	GRM0332C1H221JA01D	T	64.4/72.1
C4	4030025040	S.CER	GRM0332C1H220JA01D	T	56.7/73.2
C5	4030025040	S.CER	GRM0332C1H220JA01D	T	58.1/73.2
C6	4030025040	S.CER	GRM0332C1H220JA01D	T	68.4/73.0
C7	4030025040	S.CER	GRM0332C1H220JA01D	T	70.4/73.0
C201	4030022120	S.CER	GRM0332C1H470JA01D	B	112.8/11.2
C202	4030022160	S.CER	GRM033B31A104KE84D	B	112.3/18.3
C203	4030022120	S.CER	GRM0332C1H470JA01D	B	111.8/11.2
C204	4030022140	S.CER	GRM033B31H102KA12D	B	111.3/18.3
C205	4030022120	S.CER	GRM0332C1H470JA01D	B	110.8/11.2
C206	4030022140	S.CER	GRM033B31H102KA12D	B	110.3/18.3
C207	4030022120	S.CER	GRM0332C1H470JA01D	B	109.8/11.2
C208	4030022160	S.CER	GRM033B31A104KE84D	B	109.3/18.3
C210	4030022160	S.CER	GRM033B31A104KE84D	B	108.3/18.3
C212	4030022160	S.CER	GRM033B31A104KE84D	B	107.3/18.3
C216	4030022160	S.CER	GRM033B31A104KE84D	T	105.3/23.1
C218	4030025370	S.CER	GRM033R61C104KE14D	T	101.3/23.1
C219	4030026620	S.CER	GRM188R72A104KA35D	T	103.3/24.2
C301	4030022120	S.CER	GRM0332C1H470JA01D	B	11.2/55.1
C302	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/67.1
C303	4030022120	S.CER	GRM0332C1H470JA01D	B	11.2/53.1
C304	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/65.1
C305	4030022120	S.CER	GRM0332C1H470JA01D	B	11.2/59.1
C306	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/63.1
C307	4030022120	S.CER	GRM0332C1H470JA01D	B	11.2/57.1
C308	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/61.1
C309	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/49.1
C310	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/47.1
C311	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/51.1
C312	4030022160	S.CER	GRM033B31A104KE84D	B	11.2/45.1
C316	4030022160	S.CER	GRM033B31A104KE84D	T	15.7/37.1
C318	4030025370	S.CER	GRM033R61C104KE14D	T	14.2/35.8
C401	4030025370	S.CER	GRM033R61C104KE14D	B	29.2/22.3
C405	4030022120	S.CER	GRM0332C1H470JA01D	B	30.7/21.3
C406	4030022120	S.CER	GRM0332C1H470JA01D	B	31.2/11.2
C407	4030022120	S.CER	GRM0332C1H470JA01D	B	31.7/21.3
C408	4030022120	S.CER	GRM0332C1H470JA01D	B	32.2/11.2
C409	4030022120	S.CER	GRM0332C1H470JA01D	B	32.7/21.3
C410	4030022120	S.CER	GRM0332C1H470JA01D	B	33.2/11.2
C411	4030022160	S.CER	GRM033B31A104KE84D	B	33.7/21.3
C413	4030022160	S.CER	GRM033B31A104KE84D	B	34.7/21.3
C415	4030022160	S.CER	GRM033B31A104KE84D	B	35.7/21.3
C416	4030025300	S.CER	GRM0332C1H221JA01D	B	36.2/11.2
C417	4030022160	S.CER	GRM033B31A104KE84D	B	36.7/21.3
C418	4030022160	S.CER	GRM033B31A104KE84D	B	37.2/11.2
C419	4030025300	S.CER	GRM0332C1H221JA01D	B	37.7/21.3
C420	4030022160	S.CER	GRM033B31A104KE84D	B	38.2/11.2
C421	4030025300	S.CER	GRM0332C1H221JA01D	B	38.7/21.3
C423	4030025300	S.CER	GRM0332C1H221JA01D	B	39.7/21.3
C424	4030022160	S.CER	GRM033B31A104KE84D	B	40.2/11.2
C425	4030025300	S.CER	GRM0332C1H221JA01D	B	40.7/21.3
C426	4030022160	S.CER	GRM033B31A104KE84D	B	41.2/11.2
C433	4030022160	S.CER	GRM033B31A104KE84D	B	44.8/22.3
C435	4030025370	S.CER	GRM033R61C104KE14D	B	46.1/23.5
C438	4030025370	S.CER	GRM033R61C104KE14D	T	50.4/11.1
C503	4030025040	S.CER	GRM0332C1H220JA01D	B	22.9/65.6
C504	4030025370	S.CER	GRM033R61C104KE14D	B	22.9/76.4
C505	4030025040	S.CER	GRM0332C1H220JA01D	B	23.9/65.6
C506	4030025370	S.CER	GRM033R61C104KE14D	B	23.9/76.4
C507	4030025040	S.CER	GRM0332C1H220JA01D	B	24.9/65.6
C508	4030025370	S.CER	GRM033R61C104KE14D	B	24.9/76.4
C509	4030026620	S.CER	GRM188R72A104KA35D	B	26.0/66.0
C510	4030022140	S.CER	GRM033B31H102KA12D	B	25.9/76.4
C511	4030025370	S.CER	GRM033R61C104KE14D	T	26.5/63.6
C512	4030022140	S.CER	GRM033B31H102KA12D	B	26.9/76.4
C513	4030025370	S.CER	GRM033R61C104KE14D	T	31.9/62.1
C514	4030025370	S.CER	GRM033R61C104KE14D	B	27.9/76.4
C515	4030025370	S.CER	GRM033R61C104KE14D	T	31.9/63.3
C516	4030025370	S.CER	GRM033R61C104KE14D	B	28.9/76.4
C517	4030025370	S.CER	GRM033R61C104KE14D	T	31.8/65.7
C518	4030025370	S.CER	GRM033R61C104KE14D	B	29.9/76.4
C520	4030025370	S.CER	GRM033R61C104KE14D	B	30.9/76.4
C537	4030025370	S.CER	GRM033R61C104KE14D	T	74.6/47.8
C538	4030022160	S.CER	GRM033B31A104KE84D	T	72.4/73.4
C539	4030025370	S.CER	GRM033R61C104KE14D	T	72.5/47.7
C540	4030022160	S.CER	GRM033B31A104KE84D	T	74.4/73.4
C541	4030025300	S.CER	GRM0332C1H221JA01D	T	76.4/73.4

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C542	4030025300	S.CER GRM0332C1H221JA01D	T	78.4/73.4
C543	4030022160	S.CER GRM033B31A104KE84D	T	82.4/73.7
C601	4030025370	S.CER GRM033R61C104KE14D	T	65.2/47.7
C602	4030025370	S.CER GRM033R61C104KE14D	T	60.8/47.1
C611	4030025370	S.CER GRM033R61C104KE14D	T	66.6/46.3
C612	4030022160	S.CER GRM033B31A104KE84D	T	60.3/44.3
C651	4030025370	S.CER GRM033R61C104KE14D	T	39.9/44.1
C652	4030026440	S.CER CL32A476KOJNNPE	T	37.1/42.8
C705	4030022160	S.CER GRM033B31A104KE84D	T	259.8/17.6
C1001	4030026440	S.CER CL32A476KOJNNPE	T	143.7/17.6
C1007	4030022160	S.CER GRM033B31A104KE84D	T	45.7/36.7
C1031	4030022150	S.CER GRM033B31E103KA12D	T	56.1/28.1
C1032	4030025370	S.CER GRM033R61C104KE14D	T	58.5/26.0
C1051	4030026330	S.CER CL21A106KAYNNPE	T	46.6/39.6
C1052	4030026440	S.CER CL32A476KOJNNPE	T	166.2/15.4
C1071	4030022160	S.CER GRM033B31A104KE84D	T	59.5/66.0
C1102	4030022160	S.CER GRM033B31A104KE84D	T	129.2/65.3
C1103	4030025290	S.CER GRM0332C1H150JA01D	T	116.5/63.9
C1104	4030022160	S.CER GRM033B31A104KE84D	T	127.1/65.9
C1105	4030025290	S.CER GRM0332C1H150JA01D	T	116.5/66.9
C1106	4030022160	S.CER GRM033B31A104KE84D	T	130.6/66.4
C1111	4030025370	S.CER GRM033R61C104KE14D	B	134.3/42.7
C1112	4030025230	S.CER TMK107BJ105KAHT	B	130.7/42.1
C1113	4030025230	S.CER TMK107BJ105KAHT	B	135.2/47.3
C1114	4030025230	S.CER TMK107BJ105KAHT	B	136.7/43.2
C1115	4030025230	S.CER TMK107BJ105KAHT	B	137.9/47.3
C1116	4030025230	S.CER TMK107BJ105KAHT	B	139.3/43.2
C1117	4030025230	S.CER TMK107BJ105KAHT	B	140.6/47.3
C1118	4030025230	S.CER TMK107BJ105KAHT	B	141.9/43.2
C1119	4030025230	S.CER TMK107BJ105KAHT	B	143.6/47.3
C1120	4030025230	S.CER TMK107BJ105KAHT	B	144.5/43.2
C1121	4030026640	S.CER GRM21BC72A105KE01L	B	146.8/44.3
C1201	4030026440	S.CER CL32A476KOJNNPE	T	169.0/79.3
C1202	4030025370	S.CER GRM033R61C104KE14D	T	164.1/75.2
C1203	4030025370	S.CER GRM033R61C104KE14D	T	165.0/78.0
C1204	4030021580	S.CER GRM188B31E225KA12D	T	167.4/71.5
C1205	4030025370	S.CER GRM033R61C104KE14D	T	170.4/75.8
C1206	4030026440	S.CER CL32A476KOJNNPE	T	175.4/69.7
C1207	4030026440	S.CER CL32A476KOJNNPE	T	178.4/69.7
C1208	4030022090	S.CER GRM0332C1H330JA01D	T	164.5/74.2
C1251	4030019560	S.CER GRM21BB31C106KE15L	T	179.7/75.0
C1252	4030019560	S.CER GRM21BB31C106KE15L	T	183.2/75.0
C1253	4030026440	S.CER CL32A476KOJNNPE	T	161.3/38.3
C1301	4030026440	S.CER CL32A476KOJNNPE	T	151.2/66.3
C1302	4030025370	S.CER GRM033R61C104KE14D	T	154.1/62.9
C1305	4030026440	S.CER CL32A476KOJNNPE	T	151.2/58.2
C1306	4030025370	S.CER GRM033R61C104KE14D	T	154.1/61.7
C1371	4510011830	ELE DCS 5R5 334HF		
C1372	4030025420	S.CER GRM033R61A105ME15D	T	209.4/65.2
C1373	4030022510	S.CER GRM155B31A225KE95D	T	209.5/69.5
C1401	4030022050	S.CER GRM21BR61C226ME44L	T	181.9/57.7
C1402	4030022160	S.CER GRM033B31A104KE84D	T	180.1/57.2
C1403	4030022140	S.CER GRM033B31H102KA12D	T	177.5/53.2
C1404	4030022050	S.CER GRM21BR61C226ME44L	T	180.1/48.1
C1405	4030022050	S.CER GRM21BR61C226ME44L	T	180.1/46.4
C1406	4030024410	S.CER GRM0332C1H5R0BA01D	T	177.7/50.7
C1502	4030022160	S.CER GRM033B31A104KE84D	T	260.3/27.1
C1601	4030019560	S.CER GRM21BB31C106KE15L	T	171.7/51.7
C1602	4030025230	S.CER TMK107BJ105KAHT	T	172.0/54.5
C1603	4030025740	S.CER GRM033B31C683KE84D	T	167.1/55.4
C1604	4030025230	S.CER TMK107BJ105KAHT	T	171.4/56.5
C1605	4030019560	S.CER GRM21BB31C106KE15L	T	168.4/47.7
C1606	4030019560	S.CER GRM21BB31C106KE15L	T	164.9/47.7
C1607	4030019560	S.CER GRM21BB31C106KE15L	T	168.4/46.0
C1608	4030019560	S.CER GRM21BB31C106KE15L	T	164.9/46.0
C1609	4030025370	S.CER GRM033R61C104KE14D	T	171.0/47.4
C1701	4030026440	S.CER CL32A476KOJNNPE	T	148.5/75.8
C1702	4030022160	S.CER GRM033B31A104KE84D	T	144.4/79.8
C1703	4030025370	S.CER GRM033R61C104KE14D	T	147.5/79.3
C1704	4030021580	S.CER GRM188B31E225KA12D	T	140.7/76.5
C1705	4030022160	S.CER GRM033B31A104KE84D	T	145.0/73.6
C1706	4030026440	S.CER CL32A476KOJNNPE	T	142.6/66.0
C1707	4030026440	S.CER CL32A476KOJNNPE	T	142.6/63.0
C1708	4030022090	S.CER GRM0332C1H330JA01D	T	143.4/79.5
C1709	4030026440	S.CER CL32A476KOJNNPE	T	144.0/35.2
C1710	4030026440	S.CER CL32A476KOJNNPE	T	142.8/39.5
C1809	4030025230	S.CER TMK107BJ105KAHT	T	139.1/47.2
C1812	4030025420	S.CER GRM033R61A105ME15D	T	139.1/43.8
C1813	4030026440	S.CER CL32A476KOJNNPE	T	71.7/69.2
C2001	4030022160	S.CER GRM033B31A104KE84D	T	247.2/74.7
C2002	4030022160	S.CER GRM033B31A104KE84D	T	252.2/77.3
C2011	4030022160	S.CER GRM033B31A104KE84D	B	242.9/38.4
C2012	4030022160	S.CER GRM033B31A104KE84D	B	257.8/38.3
C2101	4030022150	S.CER GRM033B31E103KA12D	T	243.3/64.9
C2102	4030022160	S.CER GRM033B31A104KE84D	B	238.9/59.8
C2103	4030025290	S.CER GRM0332C1H150JA01D	T	242.7/67.6
C2104	4030025290	S.CER GRM0332C1H150JA01D	T	240.8/69.4
C2105	4030022160	S.CER GRM033B31A104KE84D	B	237.5/61.4
C2106	4030022160	S.CER GRM033B31A104KE84D	B	239.4/58.7
C2108	4030022160	S.CER GRM033B31A104KE84D	B	243.4/45.7
C2109	4030022160	S.CER GRM033B31A104KE84D	B	245.0/46.5
C2110	4030022160	S.CER GRM033B31A104KE84D	B	244.9/48.5
C2111	4030022160	S.CER GRM033B31A104KE84D	B	243.4/61.1
C2112	4030022160	S.CER GRM033B31A104KE84D	B	250.6/57.5
C2113	4030022160	S.CER GRM033B31A104KE84D	B	249.9/57.5
C2114	4030022160	S.CER GRM033B31A104KE84D	B	241.0/52.7
C2115	4030022160	S.CER GRM033B31A104KE84D	B	241.0/53.4
C2116	4030022160	S.CER GRM033B31A104KE84D	B	249.9/54.9
C2117	4030022160	S.CER GRM033B31A104KE84D	B	249.9/54.2
C2118	4030022160	S.CER GRM033B31A104KE84D	B	251.4/58.7
C2119	4030022160	S.CER GRM033B31A104KE84D	B	245.0/57.5
C2120	4030022160	S.CER GRM033B31A104KE84D	B	244.3/57.5
C2121	4030022160	S.CER GRM033B31A104KE84D	B	240.2/58.7
C2122	4030022160	S.CER GRM033B31A104KE84D	B	252.2/59.4

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C2123	4030022160	S.CER GRM033B31A104KE84D	B	238.9/60.6
C2124	4030022160	S.CER GRM033B31A104KE84D	B	253.0/60.3
C2125	4030022160	S.CER GRM033B31A104KE84D	B	237.5/60.6
C2126	4030022160	S.CER GRM033B31A104KE84D	B	253.8/61.1
C2127	4030022160	S.CER GRM033B31A104KE84D	B	241.8/48.5
C2128	4030022160	S.CER GRM033B31A104KE84D	B	238.6/45.7
C2129	4030022160	S.CER GRM033B31A104KE84D	B	239.4/46.5
C2130	4030022160	S.CER GRM033B31A104KE84D	B	248.2/48.5
C2131	4030022160	S.CER GRM033B31A104KE84D	B	249.0/48.5
C2132	4030022160	S.CER GRM033B31A104KE84D	B	241.0/48.5
C2133	4030022160	S.CER GRM033B31A104KE84D	B	240.2/47.3
C2134	4030019560	S.CER GRM21BB31C106KE15L	B	255.2/60.4
C2135	4030019560	S.CER GRM21BB31C106KE15L	B	256.9/60.4
C2136	4030022160	S.CER GRM033B31A104KE84D	B	246.7/56.5
C2137	4030022160	S.CER GRM033B31A104KE84D	B	247.4/56.5
C2138	4030022160	S.CER GRM033B31A104KE84D	B	239.7/57.4
C2139	4030022160	S.CER GRM033B31A104KE84D	B	248.9/56.6
C2140	4030022160	S.CER GRM033B31A104KE84D	B	242.0/55.9
C2141	4030022160	S.CER GRM033B31A104KE84D	B	242.0/51.1
C2142	4030022160	S.CER GRM033B31A104KE84D	B	242.0/51.8
C2143	4030022160	S.CER GRM033B31A104KE84D	B	248.9/53.4
C2144	4030022160	S.CER GRM033B31A104KE84D	B	250.1/49.5
C2145	4030022160	S.CER GRM033B31A104KE84D	B	253.0/45.9
C2146	4030022160	S.CER GRM033B31A104KE84D	B	252.2/46.7
C2147	4030022160	S.CER GRM033B31A104KE84D	B	244.3/49.5
C2148	4030022160	S.CER GRM033B31A104KE84D	B	251.1/47.8
C2149	4030022160	S.CER GRM033B31A104KE84D	B	247.4/49.5
C2150	4030022160	S.CER GRM033B31A104KE84D	B	248.9/55.8
C2151	4030022160	S.CER GRM033B31A104KE84D	B	242.0/56.6
C2152	4030019560	S.CER GRM21BB31C106KE15L	B	254.3/44.4
C2153	4030019560	S.CER GRM21BB31C106KE15L	B	256.1/44.4
C2401	4030022160	S.CER GRM033B31A104KE84D	T	260.4/71.9
C2402	4030025910	S.CER GRM033B31C393KE84D	T	258.6/70.8
C2501	4030022160	S.CER GRM033B31A104KE84D	T	255.3/29.8
C2601	4030022160	S.CER GRM033B31A104KE84D	T	244.4/34.9
C2701	4030022160	S.CER GRM033B31A104KE84D	T	250.1/68.2
C2702	4030022150	S.CER GRM033B31E103KA12D	T	245.8/66.9
C2751	4030022160	S.CER GRM033B31A104KE84D	T	263.5/66.9
C2752	4030022150	S.CER GRM033B31E103KA12D	T	265.7/63.6
C2803	4030025420	S.CER GRM033R61A105ME15D	T	241.4/31.3
C3001	4030025370	S.CER GRM033R61C104KE14D	B	219.6/14.6
C3021	4030019560	S.CER GRM21BB31C106KE15L	T	223.2/18.6
C3022	4030022150	S.CER GRM033B31E103KA12D	T	221.9/17.9
C3041	4030019560	S.CER GRM21BB31C106KE15L	T	222.8/13.5
C3042	4030022150	S.CER GRM033B31E103KA12D	T	221.5/12.8
C3051	4030025370	S.CER GRM033R61C104KE14D	B	230.6/14.6
C3062	4030025370	S.CER GRM033R61C104KE14D	T	231.9/18.6
C3071	4030025420	S.CER GRM033R61A105ME15D	B	238.0/70.4
C3081	4030022150	S.CER GRM033B31E103KA12D	T	230.9/12.5
C3101	4030022160	S.CER GRM033B31A104KE84D	T	228.7/29.7
C3102	4030022160	S.CER GRM033B31A104KE84D	T	231.1/29.7
C3103	4030022120	S.CER GRM0332C1H470JA01D	T	235.0/34.2
C3201	4030022160	S.CER GRM033B31A104KE84D	T	245.7/21.3
C3203	4030022150	S.CER GRM033B31E103KA12D	T	238.0/20.5
C3204	4030022150	S.CER GRM033B31E103KA12D	T	238.0/18.9
C3205	4030022150	S.CER GRM033B31E103KA12D	T	238.0/16.4
C3207	4030022150	S.CER GRM033B31E103KA12D	T	238.0/14.8
C3208	4030022150	S.CER GRM033B31E103KA12D	T	249.4/19.2
C3209	4030022150	S.CER GRM033B31E103KA12D	T	249.4/17.6
C3210	4030022150	S.CER GRM033B31E103KA12D	T	249.4/15.1
C3211	4030022150	S.CER GRM033B31E103KA12D	T	249.4/13.5
C3305	4030022150	S.CER GRM033B31E103KA12D	T	94.4/46.6
C3307	4030025370	S.CER GRM033R61C104KE14D	T	124.7/48.5
C3308	4030025370	S.CER GRM033R61C104KE14D	T	117.4/49.8
C3309	4030025370	S.CER GRM033R61C104KE14D	B	124.2/41.7
C3401	4030022160	S.CER GRM033B31A104KE84D	T	219.7/62.4
C3402	4030022160	S.CER GRM033B31A104KE84D	T	211.1/57.3
C3403	4030022160	S.CER GRM033B31A104KE84D	T	211.8/56.8
C3404	4030019560	S.CER GRM21BB31C106KE15L	T	208.7/54.6
C3405	4030022160	S.CER GRM033B31A104KE84D	T	211.8/55.6
C3406	4030019560	S.CER GRM21BB31C106KE15L	T	210.5/54.6
C3407	4030022160	S.CER GRM033B31A104KE84D	T	216.4/52.1
C3408	4030022160	S.CER GRM033B31A104KE84D	T	218.5/54.0
C3414	4030022160	S.CER GRM033B31A104KE84D	T	85.8/35.5
C3415	4030026550	S.CER C4520 X7R 3D 102K-T	B	83.9/48.4
C3416	4030022160	S.CER GRM033B31A104KE84D	T	79.4/35.5
C3417	4030022160	S.CER GRM033B31A104KE84D	T	209.9/56.8
C3418	4030022160	S.CER GRM033B31A104KE84D	T	209.9/62.5
C3419	4030024420	S.CER GRM0332C1H180JA01D	T	219.8/48.4
C3420	4030025040	S.CER GRM0332C1H220JA01D	T	221.8/50.5
C3421	4030025370	S.CER GRM033R61C104KE14D	B	213.6/63.2
C5002	4030025370	S.CER GRM033R61C104KE14D	T	211.8/42.5
C5003	4030026090	S.CER GRM0332C1E821JA01D	T	206.1/43.3
C5031	4030025040	S.CER GRM0332C1H220JA01D	T	215.8/43.3
C5032	4030025370	S.CER GRM033R61C104KE14D	T	214.5/47.0
C5033	4030022150	S.CER GRM033B31E103KA12D	T	231.4/72.6
C5034	4030022510	S.CER GRM155B31A225KE95D	T	216.7/45.7
C5035	4030025420	S.CER GRM033R61A105ME15D	T	216.6/46.5
C5061	4030025890	S.CER GRM033B31C473KE84D	T	207.5/34.0
C5064	4030025370	S.CER GRM033R61C104KE14D	T	207.0/39.2
C5081	4030022150	S.CER GRM033B31E103KA12D	T	209.0/35.6
C5084	4030025370	S.CER GRM033R61C104KE14D	T	209.9/39.2
C5161	4030022080	S.CER GRM0332C1H101JA01D	T	221.5/40.6
C5162	4030024900	S.CER GRM033R61A224KE90D	T	221.0/35.3
C5181	4030022160	S.CER GRM033B31A104KE84D	T	203.8/25.0
C5191	4030025370	S.CER GRM033R61C104KE14D	B	209.2/44.5
C5192	4030025230	S.CER TMK107BJ105KAHT	B	210.2/45.2
C5193	4030025370	S.CER GRM033R61C104KE14D	B	208.1/34.9
C5194	4030025230	S.CER TMK107BJ105KAHT	B	210.0/34.9
C5195	4030025370	S.CER GRM033R61C104KE14D	B	218.2/44.5
C5196	4030025370	S.CER GRM033R61C104KE14D	B	217.1/34.9
C5197	4030025230	S.CER TMK107BJ105KAHT	B	219.2/45.2
C5198	4030025230	S.CER TMK107BJ105KAHT	B	219.0/34.9
C5203	4030022160	S.CER GRM033B31A104KE84D	T	230.8/42.3

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M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
C5211	4030022160	S.CER	GRM033B31A104KE84D	T	230.8/38.5
C5291	4030025370	S.CER	GRM033R61C104KE14D	B	224.2/40.6
C5292	4030025230	S.CER	TMK107BJ105KAHT	B	223.2/40.4
C5301	4030022160	S.CER	GRM033B31A104KE84D	T	261.8/79.3
C5401	4030026070	S.CER	GRM0332C1E471JA01D	T	41.6/74.6
C5402	4030022160	S.CER	GRM033B31A104KE84D	T	46.4/72.7
C5403	4030022160	S.CER	GRM033B31A104KE84D	T	45.4/61.3
J1	6510033240	S.CON	4109 REAR CONNECTOR	B	68.9/50.4
J2	6510030810	S.CON	B15B-PH-SM4-TB(LF)(SN)	T	70.4/81.5
J11	6510018941	S.CON	B13B-PH-SM4-TB(LF)(SN)	T	85.4/55.0
J102	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J201	6510033330	S.CON	24FLT-SM2-TB(LF)(SN)(M)	T	107.0/15.0
J301	6510035220	S.CON	S15B-PH-SM4-TB(LF)(SN)	T	3.9/53.1
J401	6510022472	S.CON	40FLT-SM2-TB(LF)(SN)(M)	T	38.4/15.0
J501	6510030800	S.CON	BM20B-SHLDS-G-TFT(LF)(SN)	T	26.4/71.0
J601	6510023261	S.CON	B6B-PH-SM4-TB(LF)(SN)	T	60.4/55.0
J651	6510018971	S.CON	B4B-PH-SM4-TB(LF)(SN)	T	44.4/55.0
J652	6510018961	S.CON	B2B-PH-SM4-TB(LF)(SN)	T	32.4/55.0
J661	6510022191	S.CON	B3B-PH-SM4-TB(LF)(SN)	T	21.4/55.0
J701	6510024522	S.CON	12FLT-SM2-TB(LF)(SN)(M)	T	260.1/15.1
J2301	6510025142	S.CON	10FLT-SM2-TB(LF)(SN)(M)	T	226.4/70.0
J2801	6510021861	CON	BH-800.4GG		
S1	2230001591	S.SWI	LS38J2F-T	T	274.6/64.6
S601	2220000820	S.SWI	JSS1210-0911FC	T	27.1/83.1
S2401	2230001591	S.SWI	LS38J2F-T	T	259.4/74.6
T3401	5920000990	S.TRA	H1102FNLT	T	82.6/41.7
BT2801	3020000110	LIT	CR-2032L/BK		
EP2	6910015970	S.BEA	MMZ1608B 301CT-AS	T	66.4/74.5
EP3	6910023820	S.BEA	MPZ2012S101A-T	T	62.4/73.7
EP202	6910023350	S.BEA	MMZ1005B601CT	T	112.3/18.2
EP204	6910023350	S.BEA	MMZ1005B601CT	T	111.3/18.2
EP206	6910023350	S.BEA	MMZ1005B601CT	T	110.3/18.2
EP208	6910023350	S.BEA	MMZ1005B601CT	T	109.3/18.2
EP216	6910018930	S.BEA	MPZ2012S601A	T	105.3/19.0
EP218	6910018930	S.BEA	MPZ2012S601A	T	101.3/19.0
EP219	6910018930	S.BEA	MPZ2012S601A	T	103.3/19.0
EP302	6910023350	S.BEA	MMZ1005B601CT	T	11.1/67.1
EP304	6910023350	S.BEA	MMZ1005B601CT	T	11.1/65.1
EP316	6910018930	S.BEA	MPZ2012S601A	T	13.0/38.1
EP318	6910018930	S.BEA	MPZ2012S601A	T	11.3/38.1
EP401	6910019900	S.BEA	MPZ1608S601AT	T	29.2/19.2
EP416	6910018460	S.BEA	MMZ1005Y102C-T	T	36.2/11.4
EP419	6910018460	S.BEA	MMZ1005Y102C-T	T	37.7/18.8
EP421	6910018460	S.BEA	MMZ1005Y102C-T	T	38.7/18.8
EP423	6910018460	S.BEA	MMZ1005Y102C-T	T	39.7/18.8
EP425	6910018460	S.BEA	MMZ1005Y102C-T	T	40.7/18.8
EP433	6910019900	S.BEA	MPZ1608S601AT	T	44.8/19.2
EP435	6910019900	S.BEA	MPZ1608S601AT	T	46.1/19.2
EP438	6910019900	S.BEA	MPZ1608S601AT	T	48.8/11.6
EP504	6910023350	S.BEA	MMZ1005B601CT	T	22.9/76.3
EP509	6910023350	S.BEA	MMZ1005B601CT	T	25.9/65.8
EP511	6910015970	S.BEA	MMZ1608B 301CT-AS	T	27.0/65.3
EP512	6910023350	S.BEA	MMZ1005B601CT	T	26.9/76.3
EP513	6910015970	S.BEA	MMZ1608B 301CT-AS	T	28.2/65.3
EP514	6910023350	S.BEA	MMZ1005B601CT	T	27.9/76.3
EP515	6910015970	S.BEA	MMZ1608B 301CT-AS	T	29.4/65.3
EP516	6910023350	S.BEA	MMZ1005B601CT	T	28.9/76.3
EP517	6910015970	S.BEA	MMZ1608B 301CT-AS	T	30.6/65.3
EP518	6910023350	S.BEA	MMZ1005B601CT	T	29.9/76.3
EP520	6910023350	S.BEA	MMZ1005B601CT	T	30.9/76.3
EP537	6910023350	S.BEA	MMZ1005B601CT	T	75.4/47.9
EP539	6910023350	S.BEA	MMZ1005B601CT	T	73.4/47.9
EP541	6910018460	S.BEA	MMZ1005Y102C-T	T	76.4/75.5
EP542	6910018460	S.BEA	MMZ1005Y102C-T	T	78.4/75.5
EP543	6910023820	S.BEA	MPZ2012S101A-T	T	80.9/74.7
EP600	6910023350	S.BEA	MMZ1005B601CT	T	59.4/48.9
EP601	6910023350	S.BEA	MMZ1005B601CT	T	65.4/48.9
EP602	6910023350	S.BEA	MMZ1005B601CT	T	63.4/48.9
EP603	6910023350	S.BEA	MMZ1005B601CT	T	57.4/48.9
EP604	6910023350	S.BEA	MMZ1005B601CT	T	55.4/48.9
EP605	6910023820	S.BEA	MPZ2012S101A-T	T	48.1/44.5
EP606	6910023820	S.BEA	MPZ2012S101A-T	T	39.8/45.7
EP1111	6910023350	S.BEA	MMZ1005B601CT	B	134.6/41.6
EP1201	6910018930	S.BEA	MPZ2012S601A	T	164.3/79.3
EP1202	6910018930	S.BEA	MPZ2012S601A	T	180.9/72.3
EP1401	6910018930	S.BEA	MPZ2012S601A	T	184.2/57.7
EP1402	6910024810	S.BEA	MPZ2012S300AT	T	184.0/47.1
EP1601	6910018930	S.BEA	MPZ2012S601A	T	171.7/49.9
EP1602	6910018930	S.BEA	MPZ2012S601A	T	171.7/46.1
EP1701	6910018930	S.BEA	MPZ2012S601A	T	150.2/79.0
EP1702	6910023820	S.BEA	MPZ2012S101A-T	T	145.1/59.7
EP1703	6910023820	S.BEA	MPZ2012S101A-T	T	142.5/59.7
EP2001	6910023350	S.BEA	MMZ1005B601CT	T	246.0/74.4
EP2011	6910023350	S.BEA	MMZ1005B601CT	B	241.8/38.3
EP2012	6910023350	S.BEA	MMZ1005B601CT	B	255.7/37.3
EP2101	6910018930	S.BEA	MPZ2012S601A	T	231.3/64.6
EP2102	6910024810	S.BEA	MPZ2012S300AT	T	231.4/62.8
EP2103	6910021140	S.BEA	MMZ1005S800CT	T	259.9/53.5
EP2104	6910021140	S.BEA	MMZ1005S800CT	T	259.9/52.6
EP2105	6910021140	S.BEA	MMZ1005S800CT	T	259.9/54.4
EP2106	6910021140	S.BEA	MMZ1005S800CT	T	259.9/55.3
EP2107	6910021140	S.BEA	MMZ1005S800CT	T	259.9/56.2
EP2108	6910021140	S.BEA	MMZ1005S800CT	T	259.9/57.1
EP2109	6910021140	S.BEA	MMZ1005S800CT	T	259.9/58.0
EP2110	6910021140	S.BEA	MMZ1005S800CT	T	259.9/58.9
EP2111	6910023350	S.BEA	MMZ1005B601CT	T	244.7/64.6
EP2501	6910023350	S.BEA	MMZ1005B601CT	T	255.3/28.3
EP2601	6910023350	S.BEA	MMZ1005B601CT	T	244.4/36.3
EP3101	6910023350	S.BEA	MMZ1005B601CT	T	227.1/29.7
EP3201	6910023350	S.BEA	MMZ1005B601CT	T	247.2/21.3
EP3301	6910019900	S.BEA	MPZ1608S601AT	T	93.3/47.3
EP3302	6910019900	S.BEA	MPZ1608S601AT	T	95.5/47.3
EP3303	6910023350	S.BEA	MMZ1005B601CT	B	124.0/43.1
EP3401	6910019900	S.BEA	MPZ1608S601AT	T	207.2/54.8
EP5301	6910023350	S.BEA	MMZ1005B601CT	T	263.1/78.8

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[PA UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R331	7120000770	RES FR10515N0150JBK		
R341	7120000770	RES FR10515N0150JBK		
MF1	2710001220	FAN DC0802512U2B-2T		
MF2	2710001220	FAN DC0802512U2B-2T		
EP1	6910030761	E.O 60EX172L289D-ZK-1		

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[PA-G UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC211	1110008550	S.IC	NJM2904CRB1-TE1	T	88.0/37.0
IC221	1110008550	S.IC	NJM2904CRB1-TE1	T	147.5/49.3
IC301	1110008550	S.IC	NJM2904CRB1-TE1	T	136.2/65.8
IC421	1110008490	S.IC	INA286AIDR	T	141.0/42.3
IC451	1110008550	S.IC	NJM2904CRB1-TE1	T	53.8/25.2
IC601	1130016460	S.IC	R2A20169SA	T	60.0/27.0
Q121	1590004690	S.TRA	LDTC143ZET1G	T	76.5/71.1
Q122	1590004040	S.TRA	LDTA123YET1G	T	69.9/8.6
Q123	1590004060	S.TRA	LDTC114EET1G	T	72.2/8.6
Q124	1510001310	S.TRA	DZT5401-13	T	74.3/118.1
Q125	1590004690	S.TRA	LDTC143ZET1G	T	78.4/120.9
Q126	1530004620	S.TRA	2SCR553P5T100	T	105.9/118.2
Q141	1590004040	S.TRA	LDTA123YET1G	T	58.0/40.0
Q142	1590004060	S.TRA	LDTC114EET1G	T	60.3/40.0
Q143	1590004040	S.TRA	LDTA123YET1G	T	55.7/44.0
Q144	1590004060	S.TRA	LDTC114EET1G	T	58.0/44.0
Q145	1590004060	S.TRA	LDTC114EET1G	T	60.3/44.0
Q151	1530004140	S.TRA	L2SC4081RT1G	T	15.9/71.7
Q152	1590004040	S.TRA	LDTA123YET1G	T	13.5/71.0
Q153	1530004140	S.TRA	L2SC4081RT1G	T	12.9/81.8
Q161	1530004140	S.TRA	L2SC4081RT1G	T	11.1/78.2
Q162	1590004060	S.TRA	LDTC114EET1G	T	8.7/77.4
Q163	1590004060	S.TRA	LDTC114EET1G	T	9.1/80.6
Q171	1590004690	S.TRA	LDTC143ZET1G	T	38.3/99.4
Q181	1590004690	S.TRA	LDTC143ZET1G	T	116.3/93.9
Q451	1520000651	S.TRA	2SB1201S-TL-E	T	43.9/22.1
Q452	1530004140	S.TRA	L2SC4081RT1G	T	50.4/19.9
Q453	1520000651	S.TRA	2SB1201S-TL-E	T	15.6/53.1
Q454	1530004140	S.TRA	L2SC4081RT1G	T	20.2/56.5
Q611	1550000500	S.FET	RZF020P01TL	T	81.2/18.3
Q612	1590004060	S.TRA	LDTC114EET1G	T	80.5/21.8
D101	1750002230	S.DIO	LRB751S-40T1G	T	60.7/53.5
D102	1750002230	S.DIO	LRB751S-40T1G	T	59.9/51.8
D121	1750001810	S.DIO	L1SS400T1G	T	76.5/73.7
D122	1750001810	S.DIO	L1SS400T1G	T	49.4/95.2
D123	1750005070	S.DIO	PDR5G-13	T	79.8/93.4
D124	1750001810	S.DIO	L1SS400T1G	T	78.3/80.9
D125	1750005070	S.DIO	PDR5G-13	T	88.4/93.4
D141	1750001810	S.DIO	L1SS400T1G	T	41.7/92.9
D142	1750001810	S.DIO	L1SS400T1G	T	47.7/37.1
D143	1750001810	S.DIO	L1SS400T1G	T	72.6/68.0
D144	1750001810	S.DIO	L1SS400T1G	T	16.8/62.0
D151	1750001820	S.DIO	LRB706F-40T1G	T	20.5/71.7
D152	1750001820	S.DIO	LRB706F-40T1G	T	17.5/81.8
D161	1750001810	S.DIO	L1SS400T1G	T	11.1/75.3
D171	1750001810	S.DIO	L1SS400T1G	T	35.9/100.2
D173	1750001810	S.DIO	L1SS400T1G	T	35.9/108.6
D181	1750001810	S.DIO	L1SS400T1G	T	113.1/93.9
D201	1750002230	S.DIO	LRB751S-40T1G	T	97.8/45.4
D202	1750002230	S.DIO	LRB751S-40T1G	T	96.6/45.4
D312	1750001810	S.DIO	L1SS400T1G	T	154.0/101.1
D314	1750001810	S.DIO	L1SS400T1G	T	131.7/68.1
D322	1750001810	S.DIO	L1SS400T1G	T	154.0/61.2
D431	1750001820	S.DIO	LRB706F-40T1G	T	149.7/41.3
D451	1750004230	S.ZEN	UDZVTE-174.7B	T	49.3/22.1
D452	1750004230	S.ZEN	UDZVTE-174.7B	T	17.1/58.3
L121	6140004670	COI	LR-527 (CH160808TR271)		
L122	6140004670	COI	LR-527 (CH160808TR271)		
L123	6200017540	S.COI	NLV25T-101J-EF	T	78.4/73.4
L124	6200017540	S.COI	NLV25T-101J-EF	T	47.0/95.6
L125	6200017540	S.COI	NLV25T-101J-EF	T	77.9/79.0
L126	6200010170	S.COI	AS080447-33N	T	60.5/81.5
L127	6200017080	S.COI	AS100240-6R8NJ 6.8N	T	60.8/75.4
L128	6200017080	S.COI	AS100240-6R8NJ 6.8N	T	62.3/96.9
L141	6200017540	S.COI	NLV25T-101J-EF	T	41.9/94.8
L142	6200017540	S.COI	NLV25T-101J-EF	T	50.6/37.1
L143	6200017540	S.COI	NLV25T-101J-EF	T	74.5/67.8
L144	6200017540	S.COI	NLV25T-101J-EF	T	14.9/62.3
L161	6200017540	S.COI	NLV25T-101J-EF	T	9.1/73.4
L171	6200017540	S.COI	NLV25T-101J-EF	T	35.8/102.6
L172	6200017540	S.COI	NLV25T-101J-EF	T	35.8/111.0
L181	6200017540	S.COI	NLV25T-101J-EF	T	110.8/94.9
L301	6150005310	COI	LR-430		
L311	6200017640	S.COI	NLV25T-3R3J-EF	T	147.0/102.6
L321	6200017640	S.COI	NLV25T-3R3J-EF	T	147.0/59.6
R101	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	62.3/51.2
R111	7030015910	S.RES	RMC1/16S-101JTH (100)	T	64.0/54.6
R121	7030016160	S.RES	RMC1/16S-820JTH (82)	T	78.4/70.9
R122	7030016210	S.RES	RMC1/16S-121JTH (120)	T	70.1/10.1
R123	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	77.6/115.4
R124	7030019130	S.RES	RMC1/8-150JTP (15)	T	79.2/117.1
R125	7030019130	S.RES	RMC1/8-150JTP (15)	T	81.3/117.1
R126	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	69.7/118.1
R127	7030016270	S.RES	RMC1/16S-151JTH (150)	T	76.9/120.7
R128	7030019130	S.RES	RMC1/8-150JTP (15)	T	100.0/116.6
R129	7030019130	S.RES	RMC1/8-150JTP (15)	T	97.9/116.6
R131	7030022190	S.RES	RMC1/2-471JTE (470)	T	111.9/116.0
R132	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	109.3/116.7
R133	7030015930	S.RES	RMC1/16S-471JTH (470)	T	108.9/115.5
R134	7030014180	S.RES	ERJP08J 124V (120 k)	T	69.0/97.8
R135	7030014180	S.RES	ERJP08J 124V (120 k)	T	69.0/102.7
R141	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	59.4/41.7
R142	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	57.1/45.7
R143	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	59.6/45.7
R151	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	18.2/71.0
R152	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	17.7/72.2

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
R153	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	15.2/81.1
R154	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	14.8/82.3
R161	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	8.4/75.5
R171	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	22.6/102.2
R172	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	22.6/108.3
R173	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	17.4/84.0
R181	7120000690	RES	FA10975P03DBF		
R182	7030016160	S.RES	RMC1/16S-820JTH (82)	T	112.8/96.0
R191	7120000700	RES	FA10975P06DBFBK		
R201	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	97.8/43.3
R202	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	96.6/41.9
R210	7030015910	S.RES	RMC1/16S-101JTH (100)	T	86.0/34.4
R211	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	82.9/38.0
R212	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	84.1/38.5
R213	7030016390	S.RES	RMC1/16S-184JTH (180 k)	T	84.1/36.9
R214	7030016040	S.RES	RMC1/16S-224JTH (220 k)	T	85.0/36.9
R215	7030016280	S.RES	RMC1/16S-331JTH (330)	T	85.0/35.3
R216	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	83.2/35.3
R220	7030015910	S.RES	RMC1/16S-101JTH (100)	T	144.9/51.3
R221	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	93.7/37.4
R222	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	92.5/37.8
R223	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	92.5/36.2
R224	7030016090	S.RES	RMC1/16S-223JTH (22 k)	T	91.6/36.2
R225	7030016280	S.RES	RMC1/16S-331JTH (330)	T	91.6/34.6
R226	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	93.4/34.6
R228	7030016280	S.RES	RMC1/16S-331JTH (330)	T	145.1/45.7
R251	7030021160	S.RES	RMC1-101JTE (100)	T	101.6/41.6
R252	7030021160	S.RES	RMC1-101JTE (100)	T	105.3/41.6
R253	7080001600	RES	MOSX3C5R6J		
R254	7080001600	RES	MOSX3C5R6J		
R255	7030021270	S.RES	RMC1-271JTE (270)	T	122.3/68.6
R256	7030021270	S.RES	RMC1-271JTE (270)	T	122.3/72.8
R261	7030021270	S.RES	RMC1-271JTE (270)	T	101.6/33.5
R262	7030021270	S.RES	RMC1-271JTE (270)	T	105.3/33.5
R271	7030023270	S.RES	RMC1-680JTE (68)	T	143.4/94.8
R272	7030023270	S.RES	RMC1-680JTE (68)	T	147.1/94.8
R281	7030023270	S.RES	RMC1-680JTE (68)	T	143.4/67.4
R282	7030023270	S.RES	RMC1-680JTE (68)	T	147.1/67.4
R301	7030021110	S.RES	RMC1-5R6JTE (5.6)	T	162.6/90.8
R302	7030021110	S.RES	RMC1-5R6JTE (5.6)	T	162.6/71.4
R303	7030021110	S.RES	RMC1-5R6JTE (5.6)	T	162.6/87.1
R304	7030021110	S.RES	RMC1-5R6JTE (5.6)	T	162.6/75.2
R305	7030023530	S.RES	RMC1-150JTE (15)	T	153.1/90.8
R306	7030023530	S.RES	RMC1-150JTE (15)	T	153.1/71.4
R307	7030015910	S.RES	RMC1/16S-101JTH (100)	T	136.9/69.8
R309	7030023530	S.RES	RMC1-150JTE (15)	T	153.1/87.1
R310	7030023530	S.RES	RMC1-150JTE (15)	T	153.1/75.1
R311	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	132.8/65.0
R312	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	131.4/66.2
R313	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	132.7/66.6
R314	7030015910	S.RES	RMC1/16S-101JTH (100)	T	131.4/67.1
R315	7510001451	S.THE	NTCG16 4BH 472JT	T	166.0/94.0
R316	7030019390	S.RES	RMC1/8-470JTP (47)	T	152.3/101.1
R317	7030021140	S.RES	RMC1-220JTE (22)	T	156.6/96.8
R318	7030019240	S.RES	RMC1/8-222JTP (2.2 k)	T	164.3/95.8
R319	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	131.0/65.0
R320	7030016440	S.RES	RMC1/16S-272JTH (2.7 k)	T	167.6/94.9
R321	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	139.3/64.3
R323	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	139.3/65.9
R325	7510001451	S.THE	NTCG16 4BH 472JT	T	166.0/68.2
R326	7030019390	S.RES	RMC1/8-470JTP (47)	T	152.3/61.2
R327	7030021140	S.RES	RMC1-220JTE (22)	T	156.6/65.4
R328	7030019240	S.RES	RMC1/8-222JTP (2.2 k)	T	164.3/66.5
R330	7030016440	S.RES	RMC1/16S-272JTH (2.7 k)	T	167.6/67.3
R331	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	133.8/70.1
R332	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	150.1/102.6
R333	7510001451	S.THE	NTCG16 4BH 472JT	T	166.8/96.0
R334	7510001451	S.THE	NTCG16 4BH 472JT	T	166.8/66.3
R335	7030022510	S.RES	RMC1-181JTE (180)	T	147.1/85.2
R336	7030022510	S.RES	RMC1-181JTE (180)	T	147.1/77.1
R337	7030022510	S.RES	RMC1-181JTE (180)	T	154.0/81.1
R342	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	150.1/59.6
R421	7030019570	S.RES	PMR100HZPFV1L00	T	141.0/37.6
R422	7030015910	S.RES	RMC1/16S-101JTH (100)	T	134.8/42.9
R423	7030015910	S.RES	RMC1/16S-101JTH (100)	T	136.9/44.6
R425	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	146.0/42.4
R427	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	136.1/41.5
R431	7030016220	S.RES	RMC1/16S-563JTH (56 k)	T	147.9/40.9
R432	7030016120	S.RES	RMC1/16S-682JTH (6.8 k)	T	148.3/43.0
R433	7030016500	S.RES	RMC1/16S-562JTH (5.6 k)	T	147.0/44.4
R434	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	148.3/44.8
R441	7510001551	S.THE	NTCG16 4LH 333JT	T	160.6/54.0
R442	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	162.0/54.9
R451	7030015910	S.RES	RMC1/16S-101JTH (100)	T	51.6/27.1
R452	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	55.3/28.2
R453	7030016090	S.RES	RMC1/16S-223JTH (22 k)	T	54.2/29.4
R454	7030016340	S.RES	RMC1/16S-393JTH (39 k)	T	53.7/28.2
R456	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	52.8/29.1
R457	7030015930	S.RES	RMC1/16S-471JTH (470)	T	51.8/22.1
R458	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	52.8/30.0
R459	7030015930	S.RES	RMC1/16S-471JTH (470)	T	22.5/57.1
R461	7030021230	S.RES	RMC1-1R0JTE (1)	T	41.2/29.5
R462	7030021230	S.RES	RMC1-1R0JTE (1)	T	14.8/36.9
R472	7030021230	S.RES	RMC1-1R0JTE (1)	T	46.1/29.5
R473	7030021230	S.RES	RMC1-1R0JTE (1)	T	18.8/42.7
R502	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	76.5/28.3
R503	7030015910	S.RES	RMC1/16S-101JTH (100)	T	75.5/31.4
R505	7030015910	S.RES	RMC1/16S-101JTH (100)	T	74.5/31.4
R506	7030015910	S.RES	RMC1/16S-101JTH (100)	T	74.5/14.7
R507	7030015910	S.RES	RMC1/16S-101JTH (100)	T	73.5/31.4
R508	7030015910	S.RES	RMC1/16S-101JTH (100)	T	73.5/14.7
R510	7030015910	S.RES	RMC1/16S-101JTH (100)	T	72.5/14.7
R601	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	60.6/32.4
R602	7030015910	S.RES	RMC1/16S-101JTH (100)	T	58.4/32.4

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[PA-G UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
R603	7030015910	S.RES	RMC1/16S-101JTH (100)	T	57.5/32.4
R604	7030015910	S.RES	RMC1/16S-101JTH (100)	T	57.3/21.8
R605	7030015910	S.RES	RMC1/16S-101JTH (100)	T	58.2/21.8
R606	7030015910	S.RES	RMC1/16S-101JTH (100)	T	59.1/21.8
R607	7030015910	S.RES	RMC1/16S-101JTH (100)	T	60.0/21.8
R608	7030015910	S.RES	RMC1/16S-101JTH (100)	T	60.9/21.8
R611	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	80.7/20.3
R612	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	81.9/20.7
C101	4030024580	S.CER	GRM31A5C2J1R0CW01D	T	59.3/55.7
C102	4030021020	S.CER	GRM31A5C2J101JW01D	T	57.8/52.3
C104	4030023090	S.CER	0402B102K500CT	T	61.8/52.4
C105	4030023030	S.CER	0402B103K250CT	T	61.8/50.0
C111	4030024590	S.CER	GRM31A5C2J3R0CW01D	T	62.4/58.7
C112	4030021000	S.CER	GRM31A5C2J100JW01D	T	65.5/56.4
C120	4030024600	S.CER	GRM31A5C2J4R0CW01D	T	43.1/111.7
C121	4030023030	S.CER	0402B103K250CT	T	75.3/74.0
C122	4030023010	S.CER	0402B104K160CT	T	75.3/72.4
C123	4030023010	S.CER	0402B104K160CT	T	76.4/69.6
C124	4030023030	S.CER	0402B103K250CT	T	50.4/95.7
C125	4030023010	S.CER	0402B104K160CT	T	73.8/8.6
C126	4030027600	S.CER	GRM43DR72J104KW01L	T	72.1/93.4
C127	4030026620	S.CER	GRM188R72A104KA35D	T	84.8/115.6
C128	4030021730	S.CER	GRM2162C2A102JA01D	T	83.2/115.9
C129	4030027600	S.CER	GRM43DR72J104KW01L	T	96.2/93.4
C131	4030023090	S.CER	0402B102K500CT	T	96.4/116.1
C132	4030023010	S.CER	0402B104K160CT	T	95.5/116.1
C133	4030027370	S.CER	GRM31CC72A475KE11L	T	83.4/120.0
C134	4030019560	S.CER	GRM21BB31C106KE15L	T	102.0/119.2
C135	4030023010	S.CER	0402B104K160CT	T	80.0/121.1
C136	4030023030	S.CER	0402B103K250CT	T	78.8/82.1
C137	4030022820	S.CER	0402N331J500CT	T	76.8/82.1
C141	4030023010	S.CER	0402B104K160CT	T	41.3/91.9
C142	4030023010	S.CER	0402B104K160CT	T	48.0/38.2
C143	4030023010	S.CER	0402B104K160CT	T	71.5/68.4
C144	4030023010	S.CER	0402B104K160CT	T	17.8/61.7
C147	4030024630	S.CER	GRM31A5C2J1R5CW01D	T	58.2/71.3
C148	4030024610	S.CER	GRM31A5C2J5R0CW01D	T	60.7/105.3
C151	4030023280	S.CER	0603N1R0C500CT	T	23.2/70.9
C152	4030023670	S.CER	0603N330J500CT	T	23.2/72.2
C153	4030022820	S.CER	0402N331J500CT	T	18.6/72.2
C154	4030023280	S.CER	0603N1R0C500CT	T	20.0/79.9
C155	4030023670	S.CER	0603N330J500CT	T	17.4/79.9
C156	4030022820	S.CER	0402N331J500CT	T	15.7/82.3
C161	4030023010	S.CER	0402B104K160CT	T	12.2/74.9
C162	4030023010	S.CER	0402B104K160CT	T	12.2/76.5
C163	4030023010	S.CER	0402B104K160CT	T	9.0/79.0
C164	4030023010	S.CER	0402B104K160CT	T	7.6/80.8
C171	4030023010	S.CER	0402B104K160CT	T	34.7/100.6
C172	4030023010	S.CER	0402B104K160CT	T	34.7/99.0
C173	4030023010	S.CER	0402B104K160CT	T	34.7/109.0
C174	4030023010	S.CER	0402B104K160CT	T	34.7/107.4
C175	4030023010	S.CER	0402B104K160CT	T	39.9/99.4
C176	4030024640	S.CER	GRM31A5C2J2R0CW01D	T	21.1/114.4
C181	4030023010	S.CER	0402B104K160CT	T	113.1/92.8
C182	4030023010	S.CER	0402B104K160CT	T	57.6/19.5
C183	4030023010	S.CER	0402B104K160CT	T	114.8/94.3
C201	4030024590	S.CER	GRM31A5C2J3R0CW01D	T	97.2/49.1
C202	4030020770	S.CER	GRM31A5C2J330JW01D	T	94.8/46.0
C204	4030022820	S.CER	0402N331J500CT	T	96.6/43.7
C211	4030023200	S.CER	0402B471K500CT	T	85.0/38.5
C212	4030023090	S.CER	0402B102K500CT	T	84.1/35.3
C213	4030023010	S.CER	0402B104K160CT	T	87.2/34.8
C221	4030023200	S.CER	0402B471K500CT	T	91.6/37.8
C222	4030023090	S.CER	0402B102K500CT	T	92.5/34.6
C223	4030023010	S.CER	0402B104K160CT	T	145.3/50.1
C224	4030023010	S.CER	0402B104K160CT	T	144.7/46.9
C253	4030021220	S.CER	GRM31B5C2J681JW01L	T	106.9/52.1
C254	4030018480	S.CER	GRM31A5C2J221JW01D	T	122.9/53.6
C301	4030021220	S.CER	GRM31B5C2J681JW01L	T	151.5/93.7
C302	4030021220	S.CER	GRM31B5C2J681JW01L	T	151.5/68.5
C303	4030023010	S.CER	0402B104K160CT	T	136.9/68.9
C304	4030023090	S.CER	0402B102K500CT	T	136.9/68.0
C305	4030021370	S.CER	GRM31C7U2J472JW32L	T	158.2/84.2
C306	4030021370	S.CER	GRM31C7U2J472JW32L	T	158.2/78.1
C311	4030023010	S.CER	0402B104K160CT	T	144.9/103.1
C312	4030023010	S.CER	0402B104K160CT	T	149.2/104.6
C313	4030019630	S.CER	GRM31C2C1H104JA01L	T	157.5/104.2
C314	4030021230	S.CER	GRM31B5C2J102JW01L	T	155.4/104.2
C315	4030023090	S.CER	0402B102K500CT	T	131.9/65.0
C321	4030023010	S.CER	0402B104K160CT	T	144.9/59.2
C322	4030023010	S.CER	0402B104K160CT	T	149.2/57.6
C323	4030019630	S.CER	GRM31C2C1H104JA01L	T	157.5/58.1
C324	4030021230	S.CER	GRM31B5C2J102JW01L	T	155.4/58.1
C331	4030027600	S.CER	GRM43DR72J104KW01L	T	160.9/95.7
C341	4030027600	S.CER	GRM43DR72J104KW01L	T	160.9/66.5
C413	4030027600	S.CER	GRM43DR72J104KW01L	T	130.9/39.8
C414	4030027600	S.CER	GRM43DR72J104KW01L	T	112.5/4.1
C415	4030027370	S.CER	GRM31CC72A475KE11L	T	134.0/39.5
C416	4030027370	S.CER	GRM31CC72A475KE11L	T	153.3/39.8
C421	4030023010	S.CER	0402B104K160CT	T	136.0/43.4
C422	4030022640	S.CER	0402N101J500CT	T	136.0/45.5
C423	4030023090	S.CER	0402B102K500CT	T	134.2/45.5
C426	4030025470	S.CER	GRM155B31C105KA12D	T	136.9/43.0
C431	4030023010	S.CER	0402B104K160CT	T	148.3/43.9
C432	4030023010	S.CER	0402B104K160CT	T	148.3/45.7
C441	4030023010	S.CER	0402B104K160CT	T	162.0/53.1
C442	4030023010	S.CER	0402B104K160CT	T	162.0/54.0
C451	4030023010	S.CER	0402B104K160CT	T	51.6/25.5
C452	4030023010	S.CER	0402B104K160CT	T	50.6/24.3
C453	4030023010	S.CER	0402B104K160CT	T	52.7/19.2
C454	4030023010	S.CER	0402B104K160CT	T	23.2/55.8
C457	4030023030	S.CER	0402B103K250CT	T	17.2/28.2

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
C458	4510011410	S.ELE	25 CE 470 LX	T	33.8/32.4
C459	4510011410	S.ELE	25 CE 470 LX	T	22.5/32.4
C460	4030023030	S.CER	0402B103K250CT	T	54.5/16.5
C503	4030027030	S.CER	RF15N220J500CT	T	75.5/28.3
C504	4030023010	S.CER	0402B104K160CT	T	75.5/17.8
C505	4030027030	S.CER	RF15N220J500CT	T	74.5/28.3
C506	4030023010	S.CER	0402B104K160CT	T	74.5/17.8
C507	4030027030	S.CER	RF15N220J500CT	T	73.5/28.3
C508	4030023010	S.CER	0402B104K160CT	T	73.5/17.8
C509	4030026620	S.CER	GRM188R72A104KA35D	T	72.5/28.7
C510	4030023090	S.CER	0402B102K500CT	T	72.5/17.8
C511	4030023010	S.CER	0402B104K160CT	T	71.4/28.7
C512	4030023090	S.CER	0402B102K500CT	T	71.5/17.8
C513	4030023010	S.CER	0402B104K160CT	T	70.3/28.7
C514	4030023010	S.CER	0402B104K160CT	T	70.5/17.8
C515	4030023010	S.CER	0402B104K160CT	T	69.1/28.7
C516	4030023010	S.CER	0402B104K160CT	T	69.5/17.8
C517	4030023010	S.CER	0402B104K160CT	T	67.9/28.7
C518	4030023010	S.CER	0402B104K160CT	T	68.5/17.8
C520	4030023010	S.CER	0402B104K160CT	T	67.5/17.8
C601	4030023010	S.CER	0402B104K160CT	T	64.0/28.6
C602	4030023010	S.CER	0402B104K160CT	T	63.0/21.6
RL121	6330002320	REL	G5Q-1 DC12 (C)		
RL122	6330001770	REL	SIP-1A-12Y		
RL123	6330001770	REL	SIP-1A-12Y		
RL141	6330002340	REL	FTR-C2CA012G		
RL142	6330002340	REL	FTR-C2CA012G		
RL143	6330002320	REL	G5Q-1 DC12 (C)		
RL144	6330002340	REL	FTR-C2CA012G		
RL161	6330001860	REL	UA2-12NU		
RL171	6330001860	REL	UA2-12NU		
RL172	6330001860	REL	UA2-12NU		
RL181	6330002320	REL	G5Q-1 DC12 (C)		
J121	6510033120	CON	RCA-008A		
J141	6510030720	CON	J810020FL		
J142	6510030720	CON	J810020FL		
J171	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J172	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J173	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J411	6510018961	S.CON	B2B-PH-SM4-TB(LF)(SN)	T	139.0/22.0
J451	6450003050	CON	22041021(5045-02A)		
J452	6450003050	CON	22041021(5045-02A)		
J501	6510030800	S.CON	BM20B-SHLDS-G-TFT(LF)(SN)	T	72.0/23.0
J502	6510028210	CON	SJ050010 (TMP-J01X-V6)		
EP121	6910019900	S.BEA	MPZ1608S601AT	T	68.7/118.4
EP123	6910019900	S.BEA	MPZ1608S601AT	T	114.3/112.7
EP421	6910028710	E.O	OT-048-M4		
EP422	6910028710	E.O	OT-048-M4		
EP423	6910030600	S.E.O	TH-0.8-4.5-M4	T	165.5/28.8
EP424	6910030600	S.E.O	TH-0.8-4.5-M4	T	165.5/10.5
EP451	6910019900	S.BEA	MPZ1608S601AT	T	18.2/26.6
EP452	6910019900	S.BEA	MPZ1608S601AT	T	15.2/31.0
EP453	6910019900	S.BEA	MPZ1608S601AT	T	56.3/15.8
EP454	6910019900	S.BEA	MPZ1608S601AT	T	56.3/17.0
EP504	6910023350	S.BEA	MMZ1005B601CT	T	75.5/14.7
EP509	6910023350	S.BEA	MMZ1005B601CT	T	72.5/31.4
EP511	6910019900	S.BEA	MPZ1608S601AT	T	71.5/32.7
EP512	6910023350	S.BEA	MMZ1005B601CT	T	71.5/14.7
EP513	6910019900	S.BEA	MPZ1608S601AT	T	70.3/32.7
EP514	6910023350	S.BEA	MMZ1005B601CT	T	70.5/14.7
EP515	6910019900	S.BEA	MPZ1608S601AT	T	69.1/32.7
EP516	6910023350	S.BEA	MMZ1005B601CT	T	69.5/14.7
EP517	6910019900	S.BEA	MPZ1608S601AT	T	67.9/32.7
EP518	6910023350	S.BEA	MMZ1005B601CT	T	68.5/14.7
EP520	6910023350	S.BEA	MMZ1005B601CT	T	67.5/14.7
EP601	6910023350	S.BEA	MMZ1005B601CT	T	64.0/30.2

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC441	1110008550	S.IC	NJM2904CRB1-TE1	T	7.0/107.4
IC621	1130009670	S.IC	BU2092FV-E2	T	30.0/171.5
Q441	1590004060	S.TRA	LDTC114EET1G	T	6.2/100.5
Q501	1510001240	S.TRA	KTN2907AS-RTK/PS	T	58.2/3.4
Q502	1590005220	S.TRA	LDTA114YET1G	T	25.2/2.9
Q503	1530004140	S.TRA	L2SC4081RT1G	T	62.9/2.7
Q504	1590004060	S.TRA	LDTC114EET1G	T	21.9/2.7
Q505	1530004620	S.TRA	2SCR553P5T100	T	32.3/3.8
Q611	1590005220	S.TRA	LDTA114YET1G	T	5.1/27.1
Q612	1590004060	S.TRA	LDTC114EET1G	T	3.7/24.7
Q651	1590006370	S.TRA	DTA143XE3TL	T	45.4/176.7
Q652	1590006370	S.TRA	DTA143XE3TL	T	45.4/174.4
Q653	1590006370	S.TRA	DTA143XE3TL	T	45.4/172.1
Q654	1590006370	S.TRA	DTA143XE3TL	T	45.4/169.8
Q655	1590006370	S.TRA	DTA143XE3TL	T	47.7/175.6
Q656	1590006370	S.TRA	DTA143XE3TL	T	47.7/173.3
Q657	1590006370	S.TRA	DTA143XE3TL	T	47.7/171.0
Q658	1590006370	S.TRA	DTA143XE3TL	T	47.7/168.7
D201	1750001810	S.DIO	L1SS400T1G	T	294.1/158.2
D202	1750001810	S.DIO	L1SS400T1G	T	260.0/20.7
D221	1750001810	S.DIO	L1SS400T1G	T	234.1/157.3
D222	1750001810	S.DIO	L1SS400T1G	T	200.0/20.7
D241	1750001810	S.DIO	L1SS400T1G	T	174.1/156.4
D242	1750001810	S.DIO	L1SS400T1G	T	140.0/20.7
D261	1750001810	S.DIO	L1SS400T1G	T	114.1/155.5
D262	1750001810	S.DIO	L1SS400T1G	T	77.7/34.0
D281	1750001810	S.DIO	L1SS400T1G	T	264.1/157.7
D282	1750001810	S.DIO	L1SS400T1G	T	230.0/20.7
D301	1750001810	S.DIO	L1SS400T1G	T	204.1/156.8
D302	1750001810	S.DIO	L1SS400T1G	T	170.0/20.7
D321	1750001810	S.DIO	L1SS400T1G	T	144.1/155.9
D322	1750001810	S.DIO	L1SS400T1G	T	110.0/20.7
D341	1750001810	S.DIO	L1SS400T1G	T	68.9/177.2
D342	1750001810	S.DIO	L1SS400T1G	T	80.0/51.9
D401	1750001900	S.DIO	MMBD701LT1G	T	8.1/96.3
D402	1750001900	S.DIO	MMBD701LT1G	T	8.1/118.7
D502	1710001600	DIO	DK015LTP		
D503	1750001810	S.DIO	L1SS400T1G	T	22.1/26.6
D521	1750001810	S.DIO	L1SS400T1G	T	3.0/39.2
D621	1750003160	S.ZEN	BZX384-C3V6,115	T	35.6/168.9
L1	6140006040	COI	LR-647		
L2	6140006050	COI	LR-648		
L21	6140006060	COI	LR-658		
L22	6140006070	COI	LR-659		
L41	6140006010	COI	LR-642		
L42	6140006000	COI	LR-641		
L61	6140006030	COI	LR-644		
L62	6140006020	COI	LR-643		
L81	6110004620	COI	LA-690		
L82	6110004650	COI	LA-693		
L101	6110004630	COI	LA-691		
L102	6110004660	COI	LA-694		
L121	6110004640	COI	LA-692		
L122	6110004670	COI	LA-695		
L141	6110004610	COI	LA-686		
L142	6110004600	COI	LA-685		
L143	6110004600	COI	LA-685		
L201	6200017680	S.COI	NLV32T-100J-EF	T	292.8/160.9
L202	6200017680	S.COI	NLV32T-100J-EF	T	261.3/18.0
L221	6200017680	S.COI	NLV32T-100J-EF	T	233.4/160.0
L222	6200003161	S.COI	NLV32T-270J-PF	T	201.3/18.0
L241	6200017680	S.COI	NLV32T-100J-EF	T	173.4/159.1
L242	6200017680	S.COI	NLV32T-100J-EF	T	141.3/18.0
L261	6200017680	S.COI	NLV32T-100J-EF	T	113.4/158.2
L262	6200017680	S.COI	NLV32T-100J-EF	T	79.0/36.5
L281	6200017680	S.COI	NLV32T-100J-EF	T	263.4/160.5
L282	6200017680	S.COI	NLV32T-100J-EF	T	231.3/18.0
L301	6200017680	S.COI	NLV32T-100J-EF	T	203.4/159.6
L302	6200017680	S.COI	NLV32T-100J-EF	T	171.3/18.0
L321	6200017680	S.COI	NLV32T-100J-EF	T	143.4/158.7
L322	6200017680	S.COI	NLV32T-100J-EF	T	111.3/18.0
L341	6200017680	S.COI	NLV32T-100J-EF	T	87.0/158.0
L342	6200017680	S.COI	NLV32T-100J-EF	T	79.2/47.2
L343	6200017680	S.COI	NLV32T-100J-EF	T	63.7/176.4
L401	6140006210	COI	LR-674		
L500	6200017010	S.COI	VLS252012CX-100M-1	T	47.4/3.2
L501	6200017010	S.COI	VLS252012CX-100M-1	T	20.1/6.3
L502	6200017540	S.COI	NLV25T-101J-EF	T	20.0/26.6
L503	6140004670	COI	LR-527 (CH160808TR271)		
L504	6140004670	COI	LR-527 (CH160808TR271)		
L505	6200010170	S.COI	AS080447-33N	T	35.4/28.0
L521	6200017540	S.COI	NLV25T-101J-EF	T	2.9/33.1
L551	6140006090	COI	LR-661		
L552	6140006140	COI	LR-665		
R15	7540000050	ABS	DSA-701MA		
R401	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/104.2
R402	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/110.5
R403	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/101.2
R404	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/113.5
R405	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/98.2
R406	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/116.5
R407	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/95.2
R408	7030020640	S.RES	RMC1/2-560JTE (56)	T	13.7/119.5
R409	7030019100	S.RES	RMC1/8-103JTP (10 k)	T	7.1/93.2
R410	7030019100	S.RES	RMC1/8-103JTP (10 k)	T	9.1/122.0
R411	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	9.2/98.0

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
R412	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	9.1/116.1
R415	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	9.2/99.7
R416	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	9.1/114.3
R417	7030016190	S.RES	RMC1/16S-273JTH (27 k)	T	8.0/100.2
R418	7030016090	S.RES	RMC1/16S-223JTH (22 k)	T	7.9/113.9
R441	7030015910	S.RES	RMC1/16S-101JTH (100)	T	4.7/109.9
R442	7030016330	S.RES	RMC1/16S-153JTH (15 k)	T	6.2/102.9
R443	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	7.8/102.3
R444	7030015980	S.RES	RMC1/16S-333JTH (33 k)	T	7.8/104.1
R445	7030016190	S.RES	RMC1/16S-273JTH (27 k)	T	6.2/103.8
R446	7030016280	S.RES	RMC1/16S-331JTH (330)	T	5.0/103.5
R447	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	4.5/105.6
R448	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	6.2/102.0
R452	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	6.8/111.3
R453	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	8.4/112.2
R454	7030015980	S.RES	RMC1/16S-333JTH (33 k)	T	8.4/110.4
R455	7030016190	S.RES	RMC1/16S-273JTH (27 k)	T	6.8/110.4
R456	7030016280	S.RES	RMC1/16S-331JTH (330)	T	5.6/110.9
R457	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	5.2/113.0
R501	7030016190	S.RES	RMC1/16S-273JTH (27 k)	T	58.0/6.5
R502	7030021240	S.RES	RMC1-8R2JTE (8.2)	T	52.7/3.2
R503	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	60.2/3.9
R504	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	65.1/2.1
R505	7030015930	S.RES	RMC1/16S-471JTH (470)	T	60.6/2.7
R506	7030016210	S.RES	RMC1/16S-121JTH (120)	T	27.2/2.9
R507	7030021240	S.RES	RMC1-8R2JTE (8.2)	T	25.4/6.0
R508	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	65.1/3.0
R509	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	32.3/7.1
R510	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	36.6/4.6
R511	7030015930	S.RES	RMC1/16S-471JTH (470)	T	31.4/7.1
R512	7030014180	S.RES	ERJP08J 124V (120 k)	T	43.8/36.0
R513	7030014180	S.RES	ERJP08J 124V (120 k)	T	45.9/38.7
R514	7030014180	S.RES	ERJP08J 124V (120 k)	T	43.8/41.4
R551	7030021260	S.RES	RMC1-151JTE (150)	T	11.4/81.7
R552	7030021260	S.RES	RMC1-151JTE (150)	T	11.4/85.4
R553	7030021260	S.RES	RMC1-151JTE (150)	T	11.4/89.1
R555	7030021260	S.RES	RMC1-151JTE (150)	T	11.4/74.4
R556	7030021260	S.RES	RMC1-151JTE (150)	T	11.4/70.7
R557	7030021260	S.RES	RMC1-151JTE (150)	T	11.4/67.0
R558	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	14.0/61.3
R559	7030015900	S.RES	RMC1/16S-470JTH (47)	T	12.8/60.1
R560	7030016150	S.RES	RMC1/16S-100JTH (10)	T	12.4/61.3
R561	7030015930	S.RES	RMC1/16S-471JTH (470)	T	11.9/60.1
R601	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.7/165.3
R603	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.7/166.5
R605	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.7/167.7
R607	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.7/168.9
R610	7030015910	S.RES	RMC1/16S-101JTH (100)	T	4.8/170.0
R611	7030019070	S.RES	RMC1/8-101JTP (100)	T	3.0/29.0
R612	7030015910	S.RES	RMC1/16S-101JTH (100)	T	4.8/170.9
R624	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	29.3/177.1
R628	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	32.5/167.3
R629	7030016370	S.RES	RMC1/16S-271JTH (270)	T	34.2/167.4
R651	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/176.7
R652	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/174.4
R653	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/172.1
R654	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/169.8
R655	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/175.6
R656	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/173.3
R657	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/171.0
R658	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	49.7/168.7
R659	7030019490	S.RES	RMC1/8K680FTP (68)	T	44.8/166.6
R660	7030019490	S.RES	RMC1/8K680FTP (68)	T	44.8/164.5
C1	4320000210	DIP	DM19C 561J5		
C2	4320000200	DIP	DM19C 471J5		
C3	4010009440	CER	CC45SL3FD221JYNNA		
C4	4010009440	CER	CC45SL3FD221JYNNA		
C5	4010009440	CER	CC45SL3FD221JYNNA		
C6	4010009440	CER	CC45SL3FD221JYNNA		
C7	4010009440	CER	CC45SL3FD221JYNNA		
C8	4010009440	CER	CC45SL3FD221JYNNA		
C9	4010009440	CER	CC45SL3FD221JYNNA		
C10	4010009440	CER	CC45SL3FD221JYNNA		
C11	4010009440	CER	CC45SL3FD221JYNNA		
C13	4010009440	CER	CC45SL3FD221JYNNA		
C14	4320000210	DIP	DM19C 561J5		
C16	4010009440	CER	CC45SL3FD221JYNNA		
C17	4010009440	CER	CC45SL3FD221JYNNA		
C18	4010009490	CER	CC45SL3FD820JYNNA		
C19	4010009490	CER	CC45SL3FD820JYNNA		
C21	4010009440	CER	CC45SL3FD221JYNNA		
C22	4010009440	CER	CC45SL3FD221JYNNA		
C23	4010009470	CER	CC45SL3FD121JYNNA		
C24	4010009440	CER	CC45SL3FD221JYNNA		
C25	4010009440	CER	CC45SL3FD221JYNNA		
C26	4010009440	CER	CC45SL3FD221JYNNA		
C27	4010009440	CER	CC45SL3FD221JYNNA		
C28	4010009450	CER	CC45SL3FD181JYNNA		
C29	4010009470	CER	CC45SL3FD121JYNNA		
C30	4010009450	CER	CC45SL3FD181JYNNA		
C31	4010009440	CER	CC45SL3FD221JYNNA		
C32	4010009490	CER	CC45SL3FD820JYNNA		
C33	4010009470	CER	CC45SL3FD121JYNNA		
C34	4010009470	CER	CC45SL3FD121JYNNA		
C41	4010009460	CER	CC45SL3FD151JYNNA		
C42	4010009500	CER	CC45SL3FD680JYNNA		
C43	4010009460	CER	CC45SL3FD151JYNNA		
C44	4010009460	CER	CC45SL3FD151JYNNA		
C45	4010009460	CER	CC45SL3FD151JYNNA		
C46	4010009450	CER	CC45SL3FD181JYNNA		
C47	4010009490	CER	CC45SL3FD820JYNNA		
C48	4010009480	CER	CC45SL3FD101JYNNA		

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= Shows mounting location on the PCB.

[FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION			M.	H/V LOCATION
C49	4010009460	CER	CC45SL3FD151JYNNA			
C50	4010009550	CER	CC45SL3JD270JYNNA			
C51	4010009490	CER	CC45SL3FD820JYNNA			
C62	4010009520	CER	CC45SL3JD470JYNNA			
C63	4010009520	CER	CC45SL3JD470JYNNA			
C64	4010009480	CER	CC45SL3FD101JYNNA			
C65	4010009480	CER	CC45SL3FD101JYNNA			
C66	4010009480	CER	CC45SL3FD101JYNNA			
C67	4010009480	CER	CC45SL3FD101JYNNA			
C69	4010009530	CER	CC45SL3JD390JYNNA			
C70	4010009530	CER	CC45SL3JD390JYNNA			
C72	4010009560	CER	CC45SL3JD220JYNNA			
C73	4010009520	CER	CC45SL3JD470JYNNA			
C81	4010009480	CER	CC45SL3FD101JYNNA			
C82	4010009480	CER	CC45SL3FD101JYNNA			
C83	4010009500	CER	CC45SL3FD680JYNNA			
C84	4010009500	CER	CC45SL3FD680JYNNA			
C85	4010009510	CER	CC45SL3FD560JYNNA			
C86	4010009510	CER	CC45SL3FD560JYNNA			
C87	4010009510	CER	CC45SL3FD560JYNNA			
C88	4010009510	CER	CC45SL3FD560JYNNA			
C91	4010009490	CER	CC45SL3FD820JYNNA			
C92	4010009550	CER	CC45SL3JD270JYNNA			
C94	4010009560	CER	CC45SL3JD220JYNNA			
C95	4010009600	CER	CC45SL3JD080DYNNA			
C96	4010009550	CER	CC45SL3JD270JYNNA			
C103	4010009490	CER	CC45SL3FD820JYNNA			
C107	4010009500	CER	CC45SL3FD680JYNNA			
C108	4010009480	CER	CC45SL3FD101JYNNA			
C109	4010009480	CER	CC45SL3FD101JYNNA			
C110	4010009500	CER	CC45SL3FD680JYNNA			
C111	4010009500	CER	CC45SL3FD680JYNNA			
C112	4010009560	CER	CC45SL3JD220JYNNA			
C113	4010009520	CER	CC45SL3JD470JYNNA			
C114	4010008921	CER	CC45SL3JD050DYNNA			
C122	4010009520	CER	CC45SL3JD470JYNNA			
C123	4010008921	CER	CC45SL3JD050DYNNA			
C124	4010009520	CER	CC45SL3JD470JYNNA			
C125	4010009520	CER	CC45SL3JD470JYNNA			
C126	4010009520	CER	CC45SL3JD470JYNNA			
C127	4010009530	CER	CC45SL3JD390JYNNA			
C128	4010009520	CER	CC45SL3JD470JYNNA			
C129	4010009530	CER	CC45SL3JD390JYNNA			
C130	4010008921	CER	CC45SL3JD050DYNNA			
C131	4010009580	CER	CC45SL3JD120JYNNA			
C133	4010009530	CER	CC45SL3JD390JYNNA			
C142	4010009540	CER	CC45SL3JD330JYNNA			
C143	4010009550	CER	CC45SL3JD270JYNNA			
C144	4010009540	CER	CC45SL3JD330JYNNA			
C146	4010009540	CER	CC45SL3JD330JYNNA			
C147	4010009540	CER	CC45SL3JD330JYNNA			
C148	4010009570	CER	CC45SL3JD180JYNNA			
C149	4010009570	CER	CC45SL3JD180JYNNA			
C151	4010009540	CER	CC45SL3JD330JYNNA			
C154	4010008921	CER	CC45SL3JD050DYNNA			
C157	4010009570	CER	CC45SL3JD180JYNNA			
C201	4030023210	S.CER	0402B472K500CT		T	294.4/156.1
C202	4030023010	S.CER	0402B104K160CT		T	294.4/157.0
C203	4030023210	S.CER	0402B472K500CT		T	259.6/22.7
C204	4030023010	S.CER	0402B104K160CT		T	259.6/21.8
C205	4030023010	S.CER	0402B104K160CT		T	290.2/163.3
C221	4030023210	S.CER	0402B472K500CT		T	234.4/155.2
C222	4030023010	S.CER	0402B104K160CT		T	234.4/156.1
C223	4030023210	S.CER	0402B472K500CT		T	199.6/22.7
C224	4030023010	S.CER	0402B104K160CT		T	199.6/21.8
C225	4030023010	S.CER	0402B104K160CT		T	230.2/162.4
C241	4030023210	S.CER	0402B472K500CT		T	174.4/154.3
C242	4030023010	S.CER	0402B104K160CT		T	174.4/155.2
C243	4030023210	S.CER	0402B472K500CT		T	139.6/22.7
C244	4030023010	S.CER	0402B104K160CT		T	139.6/21.8
C245	4030023010	S.CER	0402B104K160CT		T	170.2/161.5
C261	4030023210	S.CER	0402B472K500CT		T	114.4/153.4
C262	4030023010	S.CER	0402B104K160CT		T	114.4/154.3
C263	4030023210	S.CER	0402B472K500CT		T	77.4/32.0
C264	4030023010	S.CER	0402B104K160CT		T	77.4/32.9
C265	4030023010	S.CER	0402B104K160CT		T	110.2/160.6
C281	4030023210	S.CER	0402B472K500CT		T	264.4/155.7
C282	4030023010	S.CER	0402B104K160CT		T	264.4/156.6
C283	4030023210	S.CER	0402B472K500CT		T	229.7/22.6
C284	4030023010	S.CER	0402B104K160CT		T	229.7/21.7
C285	4030023010	S.CER	0402B104K160CT		T	260.2/162.9
C301	4030023210	S.CER	0402B472K500CT		T	204.4/154.8
C302	4030023010	S.CER	0402B104K160CT		T	204.4/155.7
C303	4030023210	S.CER	0402B472K500CT		T	169.6/22.7
C304	4030023010	S.CER	0402B104K160CT		T	169.6/21.8
C305	4030023010	S.CER	0402B104K160CT		T	200.2/162.0
C321	4030023210	S.CER	0402B472K500CT		T	144.4/153.9
C322	4030023010	S.CER	0402B104K160CT		T	144.4/154.8
C323	4030023210	S.CER	0402B472K500CT		T	109.6/22.7
C324	4030023010	S.CER	0402B104K160CT		T	109.6/21.8
C325	4030023010	S.CER	0402B104K160CT		T	140.2/161.1
C341	4030023210	S.CER	0402B472K500CT		T	66.9/176.8
C342	4030023010	S.CER	0402B104K160CT		T	67.8/176.8
C343	4030023210	S.CER	0402B472K500CT		T	78.1/51.6
C344	4030023010	S.CER	0402B104K160CT		T	79.0/51.6
C345	4030023010	S.CER	0402B104K160CT		T	86.6/161.2
C401	4010008921	CER	CC45SL3JD050DYNNA			
C409	4030023210	S.CER	0402B472K500CT		T	10.6/93.0
C410	4030023210	S.CER	0402B472K500CT		T	12.7/121.5
C411	4030026590	S.CER	RF15N180J500CT		T	9.6/106.0
C412	4030022920	S.CER	0402N820J500CT		T	9.6/106.9
C413	4030022920	S.CER	0402N820J500CT		T	9.6/107.8
C414	4030022640	S.CER	0402N101J500CT		T	9.6/108.7
C415	4030022640	S.CER	0402N101J500CT		T	22.1/117.3

REF NO.	PART NO.	DESCRIPTION			M.	H/V LOCATION
C417	4030023200	S.CER	0402B471K500CT		T	8.0/98.4
C418	4030023200	S.CER	0402B471K500CT		T	7.9/115.7
C419	4030023210	S.CER	0402B472K500CT		T	8.0/99.3
C420	4030023210	S.CER	0402B472K500CT		T	7.9/114.8
C441	4030023010	S.CER	0402B104K160CT		T	4.7/108.3
C442	4030023090	S.CER	0402B102K500CT		T	7.8/103.2
C448	4030023010	S.CER	0402B104K160CT		T	6.1/98.9
C502	4030027760	S.CER	C4532NP02J473J320KA		T	54.6/33.2
C503	4030026620	S.CER	GRM188R72A104KA35D		T	44.6/3.8
C504	4030021730	S.CER	GRM2162C2A102JA01D		T	44.5/2.2
C506	4030023210	S.CER	0402B472K500CT		T	18.1/6.2
C507	4030023010	S.CER	0402B104K160CT		T	18.1/5.3
C508	4030027760	S.CER	C4532NP02J473J320KA		T	42.9/26.9
C510	4030023010	S.CER	0402B104K160CT		T	66.3/2.5
C511	4030023010	S.CER	0402B104K160CT		T	20.3/2.6
C512	4030023210	S.CER	0402B472K500CT		T	23.2/26.5
C513	4030027760	S.CER	C4532NP02J473J320KA		T	58.4/33.2
C514	4030023010	S.CER	0402B104K160CT		T	24.1/26.5
C515	4030022870	S.CER	0402N471J500CT		T	25.0/26.5
C516	4030021200	S.CER	GRM31A5C2J120JW01D		T	6.5/34.4
C517	4030023030	S.CER	0402B103K250CT		T	26.6/2.0
C518	4030023030	S.CER	0402B103K250CT		T	23.7/2.5
C519	4030027760	S.CER	C4532NP02J473J320KA		T	45.6/29.4
C521	4030023210	S.CER	0402B472K500CT		T	2.9/40.8
C522	4030023010	S.CER	0402B104K160CT		T	2.9/41.7
C551	4030020760	S.CER	GRM31A5C2J270JW01D		T	12.5/78.8
C552	4010008921	CER	CC45SL3JD050DYNNA			
C554	4030023010	S.CER	0402B104K160CT		T	10.8/61.3
C555	4030020760	S.CER	GRM31A5C2J270JW01D		T	17.3/66.3
C601	4030022860	S.CER	0402N470J500CT		T	9.1/165.3
C602	4030023010	S.CER	0402B104K160CT		T	16.6/165.8
C603	4030022860	S.CER	0402N470J500CT		T	9.1/166.3
C604	4030023090	S.CER	0402B102K500CT		T	16.6/167.1
C605	4030022860	S.CER	0402N470J500CT		T	9.1/167.3
C606	4030023090	S.CER	0402B102K500CT		T	16.6/168.3
C607	4030022860	S.CER	0402N470J500CT		T	9.1/168.3
C608	4030023010	S.CER	0402B104K160CT		T	16.6/169.3
C610	4030023010	S.CER	0402B104K160CT		T	16.6/170.2
C612	4030023010	S.CER	0402B104K160CT		T	16.6/171.1
C613	4030023010	S.CER	0402B104K160CT		T	2.9/26.1
C614	4030023030	S.CER	0402B103K250CT		T	6.4/25.6
C616	4030023010	S.CER	0402B104K160CT		T	16.8/172.8
C618	4030023010	S.CER	0402B104K160CT		T	16.8/176.3
C619	4030026620	S.CER	GRM188R72A104KA35D		T	17.3/175.0
C621	4030022640	S.CER	0402N101J500CT		T	33.8/177.1
C622	4030022870	S.CER	0402N471J500CT		T	30.2/177.1
C623	4030023010	S.CER	0402B104K160CT		T	34.2/169.8
C624	4030022640	S.CER	0402N101J500CT		T	32.0/177.1
C625	4030023010	S.CER	0402B104K160CT		T	30.1/166.5
C631	4030023010	S.CER	0402B104K160CT		T	3.3/15.4
C632	4030023010	S.CER	0402B104K160CT		T	4.2/15.4
C633	4030026620	S.CER	GRM188R72A104KA35D		T	2.6/21.5
C634	4030023010	S.CER	0402B104K160CT		T	1.8/19.4
C651	4030023010	S.CER	0402B104K160CT		T	42.8/177.0
C652	4030023010	S.CER	0402B104K160CT		T	42.8/174.4
C653	4030023010	S.CER	0402B104K160CT		T	42.8/172.4
C654	4030023010	S.CER	0402B104K160CT		T	42.8/169.8
C655	4030023010	S.CER	0402B104K160CT		T	42.8/175.6
C656	4030023010	S.CER	0402B104K160CT		T	42.8/173.3
C657	4030023010	S.CER	0402B104K160CT		T	42.8/171.0
C658	4030023010	S.CER	0402B104K160CT		T	42.8/168.7
C661	4030023010	S.CER	0402B104K160CT		T	48.2/166.6
C662	4030023010	S.CER	0402B104K160CT		T	44.3/162.9
RL201	6330000840	REL	G2R-1 DC12V			
RL202	6330000840	REL	G2R-1 DC12V			
RL221	6330000840	REL	G2R-1 DC12V			
RL222	6330000840	REL	G2R-1 DC12V			
RL241	6330000840	REL	G2R-1 DC12V			
RL242	6330000840	REL	G2R-1 DC12V			
RL261	6330000840	REL	G2R-1 DC12V			
RL262	6330000840	REL	G2R-1 DC12V			
RL281	6330000840	REL	G2R-1 DC12V			
RL282	6330000840	REL	G2R-1 DC12V			
RL301	6330000840	REL	G2R-1 DC12V			
RL302	6330000840	REL	G2R-1 DC12V			
RL321	6330000840	REL	G2R-1 DC12V			
RL322	6330000840	REL	G2R-1 DC12V			
RL341	6330002310	REL	G2RL-2 DC12			
RL342	6330002310	REL	G2RL-2 DC12			
RL501	6330001770	REL	SIP-1A-12Y			
RL502	6330001770	REL	SIP-1A-12Y			
RL503	6330000840	REL	G2R-1 DC12V			
J1	6450003020	CON	TNC-R-S-AI			
J2	6510030720	CON	J810020FL			
J11	6450003020	CON	TNC-R-S-AI			
J551	6510028210	CON	SJ050010 (TMP-J01X-V6)			
J601	6510033330	S.CON	24FLT-SM2-TB(LF)(SN)(M)		T	12.8/171.0
EP1	6910030590	S.E.O	TH-1.6-5.0-M2		T	15.2/159.8
EP2	6910030590	S.E.O	TH-1.6-5.0-M2		T	15.2/147.1
EP3	6910030590	S.E.O	TH-1.6-5.0-M2		T	27.9/147.1
EP4	6910030590	S.E.O	TH-1.6-5.0-M2		T	27.9/159.8
EP11	6910030590	S.E.O	TH-1.6-5.0-M2		T	15.2/137.8
EP12	6910030590	S.E.O	TH-1.6-5.0-M2		T	15.2/125.1
EP13	6910030590	S.E.O	TH-1.6-5.0-M2		T	27.9/125.1
EP14	6910030590	S.E.O	TH-1.6-5.0-M2		T	27.9/137.8
EP501	6910015970	S.BEA	MMZ1608B 301CT-AS		T	61.9/4.6
EP502	6910015970	S.BEA	MMZ1608B 301CT-AS		T	37.9/3.9
EP602	6910023350	S.BEA	MMZ1005B601CT		T	6.0/166.4

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
EP604	6910023350	S.BEA MMZ1005B601CT	T	6.0/167.3
EP606	6910023350	S.BEA MMZ1005B601CT	T	6.0/168.2
EP608	6910023350	S.BEA MMZ1005B601CT	T	4.8/169.1
EP616	6910018930	S.BEA MPZ2012S601A	T	7.9/172.8
EP618	6910018930	S.BEA MPZ2012S601A	T	7.9/176.8
EP619	6910018930	S.BEA MPZ2012S601A	T	7.9/174.8

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[TUNER UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC2	1110008620	S.IC	BA2903SFVM-TR	T	27.1/70.7
IC3	1110008550	S.IC	NJM2904CRB1-TE1	T	36.5/70.7
IC701	1130012720	S.IC	CD74HC4094PWR	T	38.1/11.8
IC702	1130012720	S.IC	CD74HC4094PWR	T	51.6/11.8
IC703	1130012720	S.IC	CD74HC4094PWR	T	65.1/11.8
IC861	1130016050	S.IC	TC74VCX245FK(EL)	T	81.5/15.2
Q161	1530002691	S.TRA	2SC4116-GR(TE85R,F)	T	43.2/82.4
Q162	1530002691	S.TRA	2SC4116-GR(TE85R,F)	T	39.6/82.4
Q801	1590004690	S.TRA	LDTC143ZET1G	T	21.2/53.0
Q802	1590004690	S.TRA	LDTC143ZET1G	T	23.3/53.0
Q803	1590004690	S.TRA	LDTC143ZET1G	T	25.4/53.0
Q804	1590004690	S.TRA	LDTC143ZET1G	T	27.5/53.0
Q805	1590004690	S.TRA	LDTC143ZET1G	T	29.6/53.0
Q806	1590004690	S.TRA	LDTC143ZET1G	T	31.7/53.0
Q807	1590004690	S.TRA	LDTC143ZET1G	T	33.8/53.0
Q808	1590004690	S.TRA	LDTC143ZET1G	T	36.0/53.0
Q809	1590004690	S.TRA	LDTC143ZET1G	T	38.1/53.0
Q811	1530002691	S.TRA	2SC4116-GR(TE85R,F)	T	42.5/53.3
Q813	1530002691	S.TRA	2SC4116-GR(TE85R,F)	T	44.8/55.6
Q815	1590004690	S.TRA	LDTC143ZET1G	T	47.1/55.3
Q816	1530002691	S.TRA	2SC4116-GR(TE85R,F)	T	49.4/55.6
Q818	1590004690	S.TRA	LDTC143ZET1G	T	51.7/55.3
Q819	1590004690	S.TRA	LDTC143ZET1G	T	53.8/55.3
Q820	1590004690	S.TRA	LDTC143ZET1G	T	55.9/55.3
Q821	1590004690	S.TRA	LDTC143ZET1G	T	57.9/55.3
Q822	1590004690	S.TRA	LDTC143ZET1G	T	60.0/55.3
Q823	1590004690	S.TRA	LDTC143ZET1G	T	62.1/55.3
Q824	1590004690	S.TRA	LDTC143ZET1G	T	64.2/55.3
Q825	1590004690	S.TRA	LDTC143ZET1G	T	66.3/55.3
Q826	1590004690	S.TRA	LDTC143ZET1G	T	68.4/55.3
Q827	1590004690	S.TRA	LDTC143ZET1G	T	70.5/55.3
Q828	1590004690	S.TRA	LDTC143ZET1G	T	72.7/55.3
Q829	1590004690	S.TRA	LDTC143ZET1G	T	74.8/55.3
Q830	1590004690	S.TRA	LDTC143ZET1G	T	76.9/55.3
Q831	1530002691	S.TRA	2SC4116-GR(TE85R,F)	T	79.2/55.6
Q863	1590004690	S.TRA	LDTC143ZET1G	T	85.8/15.0
Q901	1590004690	S.TRA	LDTC143ZET1G	T	20.9/15.9
D1	1750001810	S.DIO	L1SS400T1G	T	77.5/67.2
D11	1750001810	S.DIO	L1SS400T1G	T	295.0/5.4
D101	1750001810	S.DIO	L1SS400T1G	T	63.1/165.7
D102	1750001810	S.DIO	L1SS400T1G	T	68.3/110.0
D141	1750002230	S.DIO	LRB751S-40T1G	T	28.1/82.2
D142	1750002230	S.DIO	LRB751S-40T1G	T	29.9/82.2
D161	1750002940	S.DIO	MMBD452LT1G	T	17.6/137.0
D162	1750002950	S.DIO	MMBD352LT1G	T	19.4/120.1
D163	1750002950	S.DIO	MMBD352LT1G	T	16.2/120.1
D164	1750002230	S.DIO	LRB751S-40T1G	T	36.4/82.3
D165	1750002230	S.DIO	LRB751S-40T1G	T	35.1/82.3
D181	1750001850	S.DIO	LDAN222T1G	T	32.2/65.7
D201	1750002230	S.DIO	LRB751S-40T1G	T	31.0/71.1
D221	1750001850	S.DIO	LDAN222T1G	T	20.8/72.5
D301	1750001810	S.DIO	L1SS400T1G	T	81.1/174.4
D311	1750001810	S.DIO	L1SS400T1G	T	95.4/179.4
D321	1750001810	S.DIO	L1SS400T1G	T	109.8/184.4
D331	1750001810	S.DIO	L1SS400T1G	T	124.0/189.4
D341	1750001810	S.DIO	L1SS400T1G	T	157.4/184.4
D351	1750001810	S.DIO	L1SS400T1G	T	171.7/189.4
D361	1750001810	S.DIO	L1SS400T1G	T	207.1/188.5
D371	1750001810	S.DIO	L1SS400T1G	T	240.5/188.6
D381	1750001810	S.DIO	L1SS400T1G	T	325.0/123.8
D401	1750001810	S.DIO	L1SS400T1G	T	77.3/122.6
D411	1750001810	S.DIO	L1SS400T1G	T	288.4/81.3
D501	1750001810	S.DIO	L1SS400T1G	T	128.9/37.6
D511	1750001810	S.DIO	L1SS400T1G	T	144.7/37.6
D521	1750001810	S.DIO	L1SS400T1G	T	160.5/37.6
D531	1750001810	S.DIO	L1SS400T1G	T	176.3/37.6
D541	1750001810	S.DIO	L1SS400T1G	T	192.1/37.6
D551	1750001810	S.DIO	L1SS400T1G	T	207.9/37.6
D561	1750001810	S.DIO	L1SS400T1G	T	223.7/37.6
D571	1750001810	S.DIO	L1SS400T1G	T	239.5/37.6
D581	1750001810	S.DIO	L1SS400T1G	T	255.3/37.6
D591	1750001810	S.DIO	L1SS400T1G	T	77.3/110.0
D601	1750001810	S.DIO	L1SS400T1G	T	272.5/72.5
D611	1750001810	S.DIO	L1SS400T1G	T	273.7/46.7
L1	6200017680	S.COI	NLV32T-100J-EF	T	78.6/63.6
L2	6200017680	S.COI	NLV32T-100J-EF	T	78.6/70.8
L15	6200017680	S.COI	NLV32T-100J-EF	T	300.2/6.4
L16	6200017680	S.COI	NLV32T-100J-EF	T	289.9/6.4
L101	6200017680	S.COI	NLV32T-100J-EF	T	59.5/165.2
L102	6200017680	S.COI	NLV32T-100J-EF	T	66.7/165.2
L103	6200017680	S.COI	NLV32T-100J-EF	T	69.9/112.9
L104	6200017680	S.COI	NLV32T-100J-EF	T	66.7/112.9
L141	6140005560	COI	LR-604		
L161	6140000930	COI	LR-116		
L162	6140000930	COI	LR-116		
L301	6200017680	S.COI	NLV32T-100J-EF	T	84.7/173.4
L302	6200017680	S.COI	NLV32T-100J-EF	T	77.5/173.4
L303	6110004570	COI	LA-675		
L311	6200017680	S.COI	NLV32T-100J-EF	T	99.0/178.4
L312	6200017680	S.COI	NLV32T-100J-EF	T	91.8/178.4
L313	6110004490	COI	LA-667		
L321	6200017680	S.COI	NLV32T-100J-EF	T	113.3/183.4
L322	6200017680	S.COI	NLV32T-100J-EF	T	106.1/183.4
L323	6110004500	COI	LA-668		
L331	6200017680	S.COI	NLV32T-100J-EF	T	129.0/189.0
L332	6200017680	S.COI	NLV32T-100J-EF	T	119.0/189.0
L333	6110004510	COI	LA-669		
L341	6200017680	S.COI	NLV32T-100J-EF	T	161.0/183.4
L342	6200017680	S.COI	NLV32T-100J-EF	T	153.8/183.4
L343	6110004520	COI	LA-670		
L351	6200017680	S.COI	NLV32T-100J-EF	T	176.7/189.0
L352	6200017680	S.COI	NLV32T-100J-EF	T	166.7/189.0
L353	6110004530	COI	LA-671		
L361	6200017680	S.COI	NLV32T-100J-EF	T	202.0/187.7
L362	6200017680	S.COI	NLV32T-100J-EF	T	212.2/187.7
L363	6110004540	COI	LA-672		
L371	6200017680	S.COI	NLV32T-100J-EF	T	235.3/187.7
L372	6200017680	S.COI	NLV32T-100J-EF	T	245.6/187.7
L373	6110004550	COI	LA-673		
L381	6200017680	S.COI	NLV32T-100J-EF	T	325.5/133.9
L382	6200017680	S.COI	NLV32T-100J-EF	T	322.4/133.9
L383	6110004560	COI	LA-674		
L401	6200017680	S.COI	NLV32T-100J-EF	T	77.7/126.2
L402	6200017680	S.COI	NLV32T-100J-EF	T	77.7/119.0
L411	6200017680	S.COI	NLV32T-100J-EF	T	283.5/82.3
L412	6200017680	S.COI	NLV32T-100J-EF	T	283.5/79.1
L413	6110004580	COI	LA-687		
L421	6110004590	COI	LA-688		
L431	6110004590	COI	LA-688		
L501	6200017680	S.COI	NLV32T-100J-EF	T	132.5/38.6
L502	6200017680	S.COI	NLV32T-100J-EF	T	125.3/38.6
L511	6200017680	S.COI	NLV32T-100J-EF	T	148.3/38.6
L512	6200017680	S.COI	NLV32T-100J-EF	T	141.1/38.6
L521	6200017680	S.COI	NLV32T-100J-EF	T	164.1/38.6
L522	6200017680	S.COI	NLV32T-100J-EF	T	156.9/38.6
L531	6200017680	S.COI	NLV32T-100J-EF	T	179.9/38.6
L532	6200017680	S.COI	NLV32T-100J-EF	T	172.7/38.6
L541	6200017680	S.COI	NLV32T-100J-EF	T	195.7/38.6
L542	6200017680	S.COI	NLV32T-100J-EF	T	188.5/38.6
L551	6200017680	S.COI	NLV32T-100J-EF	T	211.6/38.6
L552	6200017680	S.COI	NLV32T-100J-EF	T	204.3/38.6
L561	6200017680	S.COI	NLV32T-100J-EF	T	227.3/38.6
L562	6200017680	S.COI	NLV32T-100J-EF	T	220.1/38.6
L571	6200017680	S.COI	NLV32T-100J-EF	T	243.1/38.6
L572	6200017680	S.COI	NLV32T-100J-EF	T	235.9/38.6
L581	6200017680	S.COI	NLV32T-100J-EF	T	258.9/38.6
L582	6200017680	S.COI	NLV32T-100J-EF	T	251.7/38.6
L591	6200017680	S.COI	NLV32T-100J-EF	T	75.0/109.5
L592	6200017680	S.COI	NLV32T-100J-EF	T	75.8/113.3
L601	6200017680	S.COI	NLV32T-100J-EF	T	276.1/73.5
L602	6200017680	S.COI	NLV32T-100J-EF	T	268.9/73.5
L611	6200017680	S.COI	NLV32T-100J-EF	T	274.7/50.3
L612	6200017680	S.COI	NLV32T-100J-EF	T	274.7/43.1
L701	6200017680	S.COI	NLV32T-100J-EF	T	57.4/7.8
L861	6200017640	S.COI	NLV25T-3R3J-EF	T	86.5/19.9
R105	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	99.6/85.6
R106	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	107.6/85.6
R107	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	99.6/88.6
R108	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	107.6/88.6
R109	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	99.6/91.6
R110	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	107.6/91.6
R111	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	111.0/75.9
R112	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	111.0/78.9
R113	7030021220	S.RES	RMC1/2-823JTE (82 k)	T	111.0/81.9
R121	7030021170	S.RES	RMC1-121JTE (120)	T	41.3/127.4
R122	7030021160	S.RES	RMC1-101JTE (100)	T	37.1/127.4
R123	7030021270	S.RES	RMC1-271JTE (270)	T	39.0/144.5
R124	7030021260	S.RES	RMC1-151JTE (150)	T	30.2/144.5
R125	7030021270	S.RES	RMC1-271JTE (270)	T	39.0/140.8
R126	7030021260	S.RES	RMC1-151JTE (150)	T	30.2/140.8
R127	7030021270	S.RES	RMC1-271JTE (270)	T	39.0/137.1
R128	7030021260	S.RES	RMC1-151JTE (150)	T	30.2/137.1
R129	7030021160	S.RES	RMC1-101JTE (100)	T	32.9/127.4
R130	7030021160	S.RES	RMC1-101JTE (100)	T	41.3/119.1
R131	7030021160	S.RES	RMC1-101JTE (100)	T	37.1/119.1
R132	7030021160	S.RES	RMC1-101JTE (100)	T	32.9/119.1
R133	7030021260	S.RES	RMC1-151JTE (150)	T	30.2/113.1
R134	7030021270	S.RES	RMC1-271JTE (270)	T	30.2/109.4
R136	7030022510	S.RES	RMC1-181JTE (180)	T	39.0/133.4
R137	7030022510	S.RES	RMC1-181JTE (180)	T	30.2/133.4
R141	7030021160	S.RES	RMC1-101JTE (100)	T	42.9/89.9
R142	7030021160	S.RES	RMC1-101JTE (100)	T	40.2/98.6
R143	7030021160	S.RES	RMC1-101JTE (100)	T	31.9/98.6
R144	7030021160	S.RES	RMC1-101JTE (100)	T	46.6/89.9
R145	7030021160	S.RES	RMC1-101JTE (100)	T	40.2/102.3
R146	7030021160	S.RES	RMC1-101JTE (100)	T	31.9/102.3
R147	7030021160	S.RES	RMC1-101JTE (100)	T	27.7/89.9
R148	7030021160	S.RES	RMC1-101JTE (100)	T	24.0/89.9
R149	7030016040	S.RES	RMC1/16S-224JTH (220 k)	T	26.4/83.9
R150	7030016000	S.RES	RMC1/16S-823JTH (82 k)	T	26.8/82.6
R161	7030016150	S.RES	RMC1/16S-100JTH (10)	T	14.9/137.0
R162	7030015900	S.RES	RMC1/16S-470JTH (47)	T	20.7/105.1
R163	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	45.1/84.3
R164	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	46.5/83.1
R165	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	45.1/82.5
R166	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	33.0/84.3
R167	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	33.0/82.5
R168	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	41.4/83.0
R169	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	39.6/84.5
R170	7030015920	S.RES	RMC1/16S-221JTH (220)	T	45.5/81.1
R181	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	30.4/65.7
R182	7030016080	S.RES	RMC1/16S-822JTH (8.2 k)	T	29.4/65.7
R183	7030016280	S.RES	RMC1/16S-331JTH (330)	T	40.3/68.9
R184	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	40.3/72.2
R185	7030016410	S.RES	RMC1/16S-561JTH (560)	T	32.7/68.7
R186	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	33.7/73.4
R187	7030016560	S.RES	RMC1/16SJPTH (JPW)	T	40.3/74.0
R188	7030015920	S.RES	RMC1/16S-221JTH (220)	T	34.1/68.3
R201	7030015920	S.RES	RMC1/16S-221JTH (220)	T	25.1/67.9
R202	7030015960	S.RES	RMC1/16S-472JTH (4.7 k)	T	31.0/68.3

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[TUNER UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R203	7030016100	S.RES RMC1/16S-334JTH (330 k)	T	31.9/73.3
R204	7030016420	S.RES RMC1/16S-182JTH (1.8 k)	T	30.9/73.3
R205	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	31.3/69.3
R206	7030016120	S.RES RMC1/16S-682JTH (6.8 k)	T	19.1/122.8
R221	7030015960	S.RES RMC1/16S-472JTH (4.7 k)	T	22.9/69.3
R222	7030016040	S.RES RMC1/16S-224JTH (220 k)	T	22.9/71.3
R223	7030016040	S.RES RMC1/16S-224JTH (220 k)	T	22.9/72.3
R224	7030016090	S.RES RMC1/16S-223JTH (22 k)	T	21.3/67.9
R225	7030016080	S.RES RMC1/16S-822JTH (8.2 k)	T	21.2/69.3
R701	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	39.6/7.4
R702	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	32.3/13.9
R703	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	32.3/12.1
R704	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	33.2/10.3
R705	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	32.3/17.8
R706	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	41.3/8.5
R711	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	43.0/17.8
R712	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	41.6/17.8
R713	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	40.2/17.8
R714	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	38.8/17.8
R715	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	37.4/17.8
R716	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	36.0/17.8
R717	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	34.6/17.8
R718	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	33.2/17.8
R719	7030015930	S.RES RMC1/16S-471JTH (470)	T	43.0/23.8
R720	7030015930	S.RES RMC1/16S-471JTH (470)	T	41.6/23.8
R721	7030015930	S.RES RMC1/16S-471JTH (470)	T	40.2/23.8
R722	7030015930	S.RES RMC1/16S-471JTH (470)	T	38.8/23.8
R723	7030015930	S.RES RMC1/16S-471JTH (470)	T	37.4/23.8
R724	7030015930	S.RES RMC1/16S-471JTH (470)	T	36.0/23.8
R725	7030015930	S.RES RMC1/16S-471JTH (470)	T	34.6/23.8
R726	7030015930	S.RES RMC1/16S-471JTH (470)	T	33.2/23.8
R731	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	56.5/17.8
R732	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	55.1/17.8
R733	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	53.7/17.8
R734	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	52.3/17.8
R735	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	48.1/17.8
R736	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	50.9/17.8
R737	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	49.5/17.8
R738	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	46.7/17.8
R739	7030015930	S.RES RMC1/16S-471JTH (470)	T	56.5/23.8
R740	7030015930	S.RES RMC1/16S-471JTH (470)	T	55.1/23.8
R741	7030015930	S.RES RMC1/16S-471JTH (470)	T	53.7/23.8
R742	7030015930	S.RES RMC1/16S-471JTH (470)	T	52.3/23.8
R743	7030015930	S.RES RMC1/16S-471JTH (470)	T	48.1/23.8
R744	7030015930	S.RES RMC1/16S-471JTH (470)	T	50.9/23.8
R745	7030015930	S.RES RMC1/16S-471JTH (470)	T	49.5/23.8
R746	7030015930	S.RES RMC1/16S-471JTH (470)	T	46.7/23.8
R751	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	68.6/17.8
R752	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	67.2/17.8
R753	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	65.8/17.8
R754	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	64.4/17.8
R755	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	63.0/17.8
R756	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	61.6/17.8
R757	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	60.2/17.8
R758	7030015930	S.RES RMC1/16S-471JTH (470)	T	68.6/23.8
R759	7030015930	S.RES RMC1/16S-471JTH (470)	T	67.2/23.8
R760	7030015930	S.RES RMC1/16S-471JTH (470)	T	65.8/23.8
R761	7030015930	S.RES RMC1/16S-471JTH (470)	T	64.4/23.8
R762	7030015930	S.RES RMC1/16S-471JTH (470)	T	63.0/23.8
R763	7030015930	S.RES RMC1/16S-471JTH (470)	T	61.6/23.8
R764	7030015930	S.RES RMC1/16S-471JTH (470)	T	60.2/23.8
R805	7030015550	S.RES RMC1/16-1R0JTP (1)	T	50.4/38.6
R806	7030015550	S.RES RMC1/16-1R0JTP (1)	T	51.7/38.6
R811	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	42.1/50.5
R812	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	42.1/51.4
R813	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	44.5/52.7
R814	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	44.5/53.6
R816	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	49.1/52.7
R817	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	49.1/53.6
R831	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	78.9/52.6
R832	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	78.9/53.6
R861	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	85.2/17.2
R901	7030016350	S.RES RMC1/16S-122JTH (1.2 k)	T	18.7/14.1
R902	7030016350	S.RES RMC1/16S-122JTH (1.2 k)	T	18.7/15.9
R903	7030016210	S.RES RMC1/16S-121JTH (120)	T	14.7/17.9
R904	7030016210	S.RES RMC1/16S-121JTH (120)	T	15.9/20.7
R905	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	18.7/19.5
R906	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	18.7/17.5
R951	7030015910	S.RES RMC1/16S-101JTH (100)	T	19.9/36.4
R952	7030015910	S.RES RMC1/16S-101JTH (100)	T	19.9/35.1
R953	7030015910	S.RES RMC1/16S-101JTH (100)	T	19.9/40.3
R954	7030015910	S.RES RMC1/16S-101JTH (100)	T	19.9/41.6
R955	7030015910	S.RES RMC1/16S-101JTH (100)	T	19.9/37.7
R956	7030015910	S.RES RMC1/16S-101JTH (100)	T	19.9/39.0
R957	7030015910	S.RES RMC1/16S-101JTH (100)	T	19.9/32.5
R958	7030015910	S.RES RMC1/16S-101JTH (100)	T	19.9/33.8
R959	7030015910	S.RES RMC1/16S-101JTH (100)	T	19.9/42.9
R960	7030015910	S.RES RMC1/16S-101JTH (100)	T	19.9/44.2
C11	4030023210	S.CER 0402B472K500CT	T	295.0/7.5
C12	4030023210	S.CER 0402B472K500CT	T	296.7/5.7
C13	4030023210	S.CER 0402B472K500CT	T	293.4/5.7
C14	4010009600	CER CC45SL3JD080DYNNA		
C15	4010009600	CER CC45SL3JD080DYNNA		
C17	4030023010	S.CER 0402B104K160CT	T	279.2/7.4
C18	4010009570	CER CC45SL3JD180JYNNA		
C21	4030023010	S.CER 0402B104K160CT	T	78.7/67.2
C22	4030023010	S.CER 0402B104K160CT	T	75.9/66.7
C23	4030023010	S.CER 0402B104K160CT	T	75.9/67.7
C26	4030023210	S.CER 0402B472K500CT	T	75.9/65.7
C27	4030023210	S.CER 0402B472K500CT	T	79.7/67.2
C28	4030023210	S.CER 0402B472K500CT	T	75.9/68.7
C34	4030023010	S.CER 0402B104K160CT	T	297.7/5.7

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C35	4030023010	S.CER 0402B104K160CT	T	295.0/6.6
C36	4030023010	S.CER 0402B104K160CT	T	292.4/5.7
C101	4030023210	S.CER 0402B472K500CT	T	62.6/167.3
C102	4030023210	S.CER 0402B472K500CT	T	63.1/163.5
C103	4030023210	S.CER 0402B472K500CT	T	63.6/167.3
C104	4030023210	S.CER 0402B472K500CT	T	70.1/107.8
C105	4030023210	S.CER 0402B472K500CT	T	68.3/107.8
C106	4030023210	S.CER 0402B472K500CT	T	66.5/107.8
C107	4030023010	S.CER 0402B104K160CT	T	63.1/164.5
C108	4030023010	S.CER 0402B104K160CT	T	61.6/167.3
C109	4030023010	S.CER 0402B104K160CT	T	64.6/167.3
C110	4030023010	S.CER 0402B104K160CT	T	68.3/108.8
C111	4030023010	S.CER 0402B104K160CT	T	70.1/108.8
C112	4030023010	S.CER 0402B104K160CT	T	66.5/108.8
C141	4030023450	S.CER 0603N100D500CT	T	21.5/91.9
C142	4030024050	S.CER 0603B473K500CT	T	31.4/82.4
C143	4030023680	S.CER 0603N331J500CT	T	29.0/84.6
C144	4030023480	S.CER 0603N120J500CT	T	41.8/96.1
C162	4030021000	S.CER GRM31A5C2J100JW01D	T	32.5/152.5
C163	4030024050	S.CER 0603B473K500CT	T	20.7/107.4
C164	4030023450	S.CER 0603N100D500CT	T	47.0/84.6
C165	4030023620	S.CER 0603N270J500CT	T	43.0/84.6
C166	4030024050	S.CER 0603B473K500CT	T	37.7/82.4
C167	4030023680	S.CER 0603N331J500CT	T	35.3/84.6
C168	4030023010	S.CER 0402B104K160CT	T	46.5/82.1
C169	4030023210	S.CER 0402B472K500CT	T	47.3/81.1
C170	4030023760	S.CER 0603N680J500CT	T	14.9/133.7
C181	4030023010	S.CER 0402B104K160CT	T	39.3/74.0
C182	4030023010	S.CER 0402B104K160CT	T	34.7/73.4
C183	4030023210	S.CER 0402B472K500CT	T	35.7/73.4
C184	4030023870	S.CER 0603B104K500CT	T	36.5/68.3
C201	4030023870	S.CER 0603B104K500CT	T	27.1/68.3
C202	4030023210	S.CER 0402B472K500CT	T	29.3/68.3
C203	4030023010	S.CER 0402B104K160CT	T	17.0/122.8
C221	4030023210	S.CER 0402B472K500CT	T	22.9/70.3
C222	4030023210	S.CER 0402B472K500CT	T	21.6/75.1
C223	4030023210	S.CER 0402B472K500CT	T	21.5/70.7
C244	4030020750	S.CER GRM31A5C2J220JW01D	T	63.2/87.7
C301	4030023210	S.CER 0402B472K500CT	T	81.6/176.0
C302	4030023210	S.CER 0402B472K500CT	T	81.1/172.2
C303	4030023210	S.CER 0402B472K500CT	T	80.6/176.0
C305	4030023010	S.CER 0402B104K160CT	T	82.6/176.0
C306	4030023010	S.CER 0402B104K160CT	T	81.1/173.2
C307	4030023010	S.CER 0402B104K160CT	T	79.6/176.0
C311	4030023210	S.CER 0402B472K500CT	T	95.9/181.0
C312	4030023210	S.CER 0402B472K500CT	T	95.4/177.2
C313	4030023210	S.CER 0402B472K500CT	T	94.9/181.0
C315	4030023010	S.CER 0402B104K160CT	T	96.9/181.0
C316	4030023010	S.CER 0402B104K160CT	T	95.4/178.2
C317	4030023010	S.CER 0402B104K160CT	T	93.9/181.0
C321	4030023210	S.CER 0402B472K500CT	T	110.3/186.0
C322	4030023210	S.CER 0402B472K500CT	T	109.7/182.2
C323	4030023210	S.CER 0402B472K500CT	T	109.3/186.0
C325	4030023010	S.CER 0402B104K160CT	T	111.3/186.0
C326	4030023010	S.CER 0402B104K160CT	T	109.7/183.2
C327	4030023010	S.CER 0402B104K160CT	T	108.3/186.0
C331	4030023210	S.CER 0402B472K500CT	T	125.9/189.6
C332	4030023210	S.CER 0402B472K500CT	T	124.0/187.2
C333	4030023210	S.CER 0402B472K500CT	T	122.1/189.6
C335	4030023010	S.CER 0402B104K160CT	T	126.9/189.6
C336	4030023010	S.CER 0402B104K160CT	T	124.0/188.2
C337	4030023010	S.CER 0402B104K160CT	T	121.1/189.6
C341	4030023210	S.CER 0402B472K500CT	T	157.9/186.0
C342	4030023210	S.CER 0402B472K500CT	T	157.4/182.2
C343	4030023210	S.CER 0402B472K500CT	T	156.9/186.0
C345	4030023010	S.CER 0402B104K160CT	T	158.9/186.0
C346	4030023010	S.CER 0402B104K160CT	T	157.4/183.2
C347	4030023010	S.CER 0402B104K160CT	T	155.9/186.0
C351	4030023210	S.CER 0402B472K500CT	T	173.6/189.4
C352	4030023210	S.CER 0402B472K500CT	T	171.7/187.2
C353	4030023210	S.CER 0402B472K500CT	T	169.8/189.4
C355	4030023010	S.CER 0402B104K160CT	T	174.6/189.4
C356	4030023010	S.CER 0402B104K160CT	T	171.7/188.2
C357	4030023010	S.CER 0402B104K160CT	T	168.8/189.4
C361	4030023210	S.CER 0402B472K500CT	T	205.4/188.4
C362	4030023210	S.CER 0402B472K500CT	T	207.1/186.3
C363	4030023210	S.CER 0402B472K500CT	T	208.8/188.4
C365	4030023010	S.CER 0402B104K160CT	T	204.5/188.4
C367	4030023010	S.CER 0402B104K160CT	T	207.1/187.3
C368	4030023010	S.CER 0402B104K160CT	T	209.7/188.4
C371	4030023210	S.CER 0402B472K500CT	T	238.7/188.4
C372	4030023210	S.CER 0402B472K500CT	T	240.5/186.6
C373	4030023210	S.CER 0402B472K500CT	T	242.2/188.4
C375	4030023010	S.CER 0402B104K160CT	T	237.8/188.4
C376	4030023010	S.CER 0402B104K160CT	T	240.5/187.5
C377	4030023010	S.CER 0402B104K160CT	T	243.1/188.4
C381	4030023210	S.CER 0402B472K500CT	T	324.4/121.9
C382	4030023210	S.CER 0402B472K500CT	T	323.0/123.8
C383	4030023210	S.CER 0402B472K500CT	T	324.4/125.6
C385	4030023010	S.CER 0402B104K160CT	T	324.4/120.9
C386	4030023010	S.CER 0402B104K160CT	T	323.9/123.8
C387	4030023010	S.CER 0402B104K160CT	T	324.4/126.6
C401	4030023210	S.CER 0402B472K500CT	T	75.7/123.1
C402	4030023210	S.CER 0402B472K500CT	T	79.5/122.6
C403	4030023210	S.CER 0402B472K500CT	T	75.7/122.1
C405	4030023010	S.CER 0402B104K160CT	T	75.7/124.1
C406	4030023010	S.CER 0402B104K160CT	T	78.5/122.6
C407	4030023010	S.CER 0402B104K160CT	T	75.7/121.1
C411	4030023210	S.CER 0402B472K500CT	T	286.6/83.5
C412	4030023210	S.CER 0402B472K500CT	T	288.4/83.5
C413	4030023210	S.CER 0402B472K500CT	T	290.2/83.5
C415	4030023010	S.CER 0402B104K160CT	T	286.6/82.5
C416	4030023010	S.CER 0402B104K160CT	T	288.4/82.5
C417	4030023010	S.CER 0402B104K160CT	T	290.2/82.5

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[TUNER UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C421	4010009530	CER CC45SL3JD390JYNNA		
C431	4010008921	CER CC45SL3JD050DYNNA		
C501	4010009450	CER CC45SL3FD181JYNNA		
C502	4010009450	CER CC45SL3FD181JYNNA		
C503	4010009450	CER CC45SL3FD181JYNNA		
C504	4010009440	CER CC45SL3FD221JYNNA		
C505	4010009440	CER CC45SL3FD221JYNNA		
C506	4010009440	CER CC45SL3FD221JYNNA		
C508	4030023210	S.CER 0402B472K500CT	T	128.9/39.8
C509	4030023210	S.CER 0402B472K500CT	T	129.4/36.0
C510	4030023210	S.CER 0402B472K500CT	T	128.4/36.0
C511	4010009460	CER CC45SL3FD151JYNNA		
C512	4010009460	CER CC45SL3FD151JYNNA		
C513	4010009460	CER CC45SL3FD151JYNNA		
C514	4010009460	CER CC45SL3FD151JYNNA		
C515	4030023210	S.CER 0402B472K500CT	T	144.7/39.8
C516	4030023210	S.CER 0402B472K500CT	T	145.2/36.0
C517	4030023210	S.CER 0402B472K500CT	T	144.2/36.0
C521	4010009500	CER CC45SL3FD680JYNNA		
C522	4010009500	CER CC45SL3FD680JYNNA		
C523	4010009490	CER CC45SL3FD820JYNNA		
C524	4010009490	CER CC45SL3FD820JYNNA		
C525	4030023210	S.CER 0402B472K500CT	T	160.5/39.8
C526	4030023210	S.CER 0402B472K500CT	T	161.0/36.0
C527	4030023210	S.CER 0402B472K500CT	T	160.0/36.0
C531	4010009460	CER CC45SL3FD151JYNNA		
C532	4010009460	CER CC45SL3FD151JYNNA		
C533	4010009460	CER CC45SL3FD151JYNNA		
C534	4010009460	CER CC45SL3FD151JYNNA		
C535	4030023210	S.CER 0402B472K500CT	T	176.3/39.8
C536	4030023210	S.CER 0402B472K500CT	T	176.8/36.0
C537	4030023210	S.CER 0402B472K500CT	T	175.8/36.0
C541	4010009560	CER CC45SL3JD220JYNNA		
C542	4010009570	CER CC45SL3JD180JYNNA		
C543	4010009570	CER CC45SL3JD180JYNNA		
C544	4010009570	CER CC45SL3JD180JYNNA		
C545	4030023210	S.CER 0402B472K500CT	T	192.1/39.8
C546	4030023210	S.CER 0402B472K500CT	T	192.6/36.0
C547	4030023210	S.CER 0402B472K500CT	T	191.6/36.0
C551	4010009460	CER CC45SL3FD151JYNNA		
C552	4010009460	CER CC45SL3FD151JYNNA		
C553	4010009460	CER CC45SL3FD151JYNNA		
C554	4010009460	CER CC45SL3FD151JYNNA		
C555	4030023210	S.CER 0402B472K500CT	T	208.4/36.0
C556	4030023210	S.CER 0402B472K500CT	T	207.9/39.8
C557	4030023210	S.CER 0402B472K500CT	T	207.4/36.0
C561	4010009490	CER CC45SL3FD820JYNNA		
C562	4010009500	CER CC45SL3FD680JYNNA		
C563	4010009490	CER CC45SL3FD820JYNNA		
C564	4010009500	CER CC45SL3FD680JYNNA		
C565	4030023210	S.CER 0402B472K500CT	T	223.7/39.8
C566	4030023210	S.CER 0402B472K500CT	T	224.2/36.0
C567	4030023210	S.CER 0402B472K500CT	T	223.2/36.0
C571	4010009530	CER CC45SL3JD390JYNNA		
C572	4010009530	CER CC45SL3JD390JYNNA		
C573	4010009530	CER CC45SL3JD390JYNNA		
C574	4010009540	CER CC45SL3JD330JYNNA		
C575	4030023210	S.CER 0402B472K500CT	T	239.5/39.8
C576	4030023210	S.CER 0402B472K500CT	T	240.0/36.0
C577	4030023210	S.CER 0402B472K500CT	T	239.0/36.0
C581	4010009570	CER CC45SL3JD180JYNNA		
C582	4010009570	CER CC45SL3JD180JYNNA		
C583	4010009570	CER CC45SL3JD180JYNNA		
C584	4010009570	CER CC45SL3JD180JYNNA		
C585	4030023210	S.CER 0402B472K500CT	T	255.8/36.0
C586	4030023210	S.CER 0402B472K500CT	T	255.3/39.8
C587	4030023210	S.CER 0402B472K500CT	T	254.8/36.0
C591	4030023210	S.CER 0402B472K500CT	T	78.5/108.2
C592	4030023210	S.CER 0402B472K500CT	T	78.5/111.8
C593	4030023210	S.CER 0402B472K500CT	T	79.5/110.0
C595	4030023010	S.CER 0402B104K160CT	T	79.5/108.2
C596	4030023010	S.CER 0402B104K160CT	T	78.5/110.0
C597	4030023010	S.CER 0402B104K160CT	T	79.5/111.8
C601	4030023210	S.CER 0402B472K500CT	T	273.0/70.9
C602	4030023210	S.CER 0402B472K500CT	T	272.5/74.7
C603	4030023210	S.CER 0402B472K500CT	T	272.0/70.9
C605	4030023010	S.CER 0402B104K160CT	T	274.0/70.9
C606	4030023010	S.CER 0402B104K160CT	T	272.5/73.7
C607	4030023010	S.CER 0402B104K160CT	T	271.0/70.9
C608	4030023010	S.CER 0402B104K160CT	T	256.7/79.5
C610	4010009440	CER CC45SL3FD221JYNNA		
C611	4010009440	CER CC45SL3FD221JYNNA		
C612	4010009440	CER CC45SL3FD221JYNNA		
C613	4030023210	S.CER 0402B472K500CT	T	272.1/47.2
C614	4030023210	S.CER 0402B472K500CT	T	275.9/46.7
C615	4030023210	S.CER 0402B472K500CT	T	272.1/46.2
C616	4030023010	S.CER 0402B104K160CT	T	272.1/48.2
C617	4030023010	S.CER 0402B104K160CT	T	274.9/46.7
C618	4030023010	S.CER 0402B104K160CT	T	272.1/45.2
C619	4030023010	S.CER 0402B104K160CT	T	278.0/54.9
C620	4010009440	CER CC45SL3FD221JYNNA		
C621	4030023010	S.CER 0402B104K160CT	T	130.4/36.0
C622	4030023010	S.CER 0402B104K160CT	T	128.9/38.8
C623	4030023010	S.CER 0402B104K160CT	T	127.4/36.0
C624	4030023010	S.CER 0402B104K160CT	T	146.2/36.0
C625	4030023010	S.CER 0402B104K160CT	T	144.7/38.8
C626	4030023010	S.CER 0402B104K160CT	T	143.2/36.0
C627	4030023010	S.CER 0402B104K160CT	T	162.0/36.0
C628	4030023010	S.CER 0402B104K160CT	T	160.5/38.8
C629	4030023010	S.CER 0402B104K160CT	T	159.0/36.0
C630	4030023010	S.CER 0402B104K160CT	T	177.8/36.0
C631	4030023010	S.CER 0402B104K160CT	T	176.3/38.8
C632	4030023010	S.CER 0402B104K160CT	T	174.8/36.0
C633	4030023010	S.CER 0402B104K160CT	T	193.6/36.0
C634	4030023010	S.CER 0402B104K160CT	T	192.1/38.8
C635	4030023010	S.CER 0402B104K160CT	T	190.6/36.0
C636	4030023010	S.CER 0402B104K160CT	T	209.4/36.0
C637	4030023010	S.CER 0402B104K160CT	T	207.9/38.8
C638	4030023010	S.CER 0402B104K160CT	T	206.4/36.0
C639	4030023010	S.CER 0402B104K160CT	T	225.2/36.0
C640	4030023010	S.CER 0402B104K160CT	T	223.7/38.8
C641	4030023010	S.CER 0402B104K160CT	T	222.2/36.0
C642	4030023010	S.CER 0402B104K160CT	T	241.0/36.0
C643	4030023010	S.CER 0402B104K160CT	T	239.5/38.8
C644	4030023010	S.CER 0402B104K160CT	T	238.0/36.0
C645	4030023010	S.CER 0402B104K160CT	T	256.8/36.0
C646	4030023010	S.CER 0402B104K160CT	T	255.3/38.8
C647	4030023010	S.CER 0402B104K160CT	T	253.8/36.0
C651	4010009460	CER CC45SL3FD151JYNNA		
C652	4010009460	CER CC45SL3FD151JYNNA		
C653	4010009460	CER CC45SL3FD151JYNNA		
C654	4010009460	CER CC45SL3FD151JYNNA		
C655	4010009460	CER CC45SL3FD151JYNNA		
C701	4030023010	S.CER 0402B104K160CT	T	60.3/7.8
C702	4030023010	S.CER 0402B104K160CT	T	36.7/8.5
C703	4030023010	S.CER 0402B104K160CT	T	50.2/8.5
C704	4030023010	S.CER 0402B104K160CT	T	63.7/8.5
C711	4030023210	S.CER 0402B472K500CT	T	33.2/20.8
C712	4030023210	S.CER 0402B472K500CT	T	34.6/20.8
C713	4030023210	S.CER 0402B472K500CT	T	36.0/20.8
C714	4030023210	S.CER 0402B472K500CT	T	37.4/20.8
C715	4030023210	S.CER 0402B472K500CT	T	38.8/20.8
C716	4030023210	S.CER 0402B472K500CT	T	40.2/20.8
C717	4030023210	S.CER 0402B472K500CT	T	41.6/20.8
C718	4030023210	S.CER 0402B472K500CT	T	43.0/20.8
C731	4030023210	S.CER 0402B472K500CT	T	46.7/20.8
C732	4030023210	S.CER 0402B472K500CT	T	49.5/20.8
C733	4030023210	S.CER 0402B472K500CT	T	50.9/20.8
C734	4030023210	S.CER 0402B472K500CT	T	48.1/20.8
C735	4030023210	S.CER 0402B472K500CT	T	52.3/20.8
C736	4030023210	S.CER 0402B472K500CT	T	53.7/20.8
C737	4030023210	S.CER 0402B472K500CT	T	55.1/20.8
C738	4030023210	S.CER 0402B472K500CT	T	56.5/20.8
C751	4030023210	S.CER 0402B472K500CT	T	60.2/20.8
C752	4030023210	S.CER 0402B472K500CT	T	61.6/20.8
C753	4030023210	S.CER 0402B472K500CT	T	63.0/20.8
C754	4030023210	S.CER 0402B472K500CT	T	64.4/20.8
C755	4030023210	S.CER 0402B472K500CT	T	65.8/20.8
C756	4030023210	S.CER 0402B472K500CT	T	67.2/20.8
C757	4030023210	S.CER 0402B472K500CT	T	68.6/20.8
C801	4030023010	S.CER 0402B104K160CT	T	21.2/51.3
C802	4030023210	S.CER 0402B472K500CT	T	21.2/54.7
C803	4030023010	S.CER 0402B104K160CT	T	23.3/51.3
C804	4030023210	S.CER 0402B472K500CT	T	23.3/54.7
C805	4030023010	S.CER 0402B104K160CT	T	25.4/51.3
C806	4030023210	S.CER 0402B472K500CT	T	25.4/54.7
C807	4030023010	S.CER 0402B104K160CT	T	27.5/51.3
C808	4030023210	S.CER 0402B472K500CT	T	27.5/54.7
C809	4030023010	S.CER 0402B104K160CT	T	29.6/51.3
C810	4030023210	S.CER 0402B472K500CT	T	29.6/54.7
C811	4030023010	S.CER 0402B104K160CT	T	31.7/51.3
C812	4030023210	S.CER 0402B472K500CT	T	31.6/54.7
C813	4030023010	S.CER 0402B104K160CT	T	33.8/51.3
C814	4030023210	S.CER 0402B472K500CT	T	33.8/54.7
C815	4030023010	S.CER 0402B104K160CT	T	36.0/51.3
C816	4030023210	S.CER 0402B472K500CT	T	36.0/54.7
C817	4030023010	S.CER 0402B104K160CT	T	38.1/51.3
C818	4030023210	S.CER 0402B472K500CT	T	38.1/54.7
C821	4030023010	S.CER 0402B104K160CT	T	43.4/51.0
C822	4030023210	S.CER 0402B472K500CT	T	42.5/55.3
C823	4030023010	S.CER 0402B104K160CT	T	45.8/53.2
C824	4030023210	S.CER 0402B472K500CT	T	44.8/57.6
C825	4030023010	S.CER 0402B104K160CT	T	47.1/53.6
C826	4030023210	S.CER 0402B472K500CT	T	47.1/57.0
C827	4030023010	S.CER 0402B104K160CT	T	50.4/53.2
C828	4030023210	S.CER 0402B472K500CT	T	49.4/57.5
C829	4030023010	S.CER 0402B104K160CT	T	51.7/53.6
C830	4030023210	S.CER 0402B472K500CT	T	51.7/57.0
C831	4030023010	S.CER 0402B104K160CT	T	53.8/53.6
C832	4030023210	S.CER 0402B472K500CT	T	53.8/57.0
C833	4030023010	S.CER 0402B104K160CT	T	55.9/53.6
C834	4030023210	S.CER 0402B472K500CT	T	55.9/57.0
C835	4030023010	S.CER 0402B104K160CT	T	57.9/53.6
C836	4030023210	S.CER 0402B472K500CT	T	57.8/57.0
C837	4030023010	S.CER 0402B104K160CT	T	60.0/53.6
C838	4030023210	S.CER 0402B472K500CT	T	60.0/57.0
C839	4030023010	S.CER 0402B104K160CT	T	62.1/53.6
C840	4030023210	S.CER 0402B472K500CT	T	62.1/57.0
C841	4030023010	S.CER 0402B104K160CT	T	64.2/53.6
C842	4030023210	S.CER 0402B472K500CT	T	64.2/57.0
C843	4030023010	S.CER 0402B104K160CT	T	66.3/53.6
C844	4030023210	S.CER 0402B472K500CT	T	66.3/57.0
C845	4030023010	S.CER 0402B104K160CT	T	68.4/53.6
C846	4030023210	S.CER 0402B472K500CT	T	68.4/57.0
C847	4030023010	S.CER 0402B104K160CT	T	70.5/53.6
C848	4030023210	S.CER 0402B472K500CT	T	70.5/57.0
C849	4030023010	S.CER 0402B104K160CT	T	72.7/53.6
C850	4030023210	S.CER 0402B472K500CT	T	72.7/57.0
C851	4030023010	S.CER 0402B104K160CT	T	74.8/53.6
C852	4030023210	S.CER 0402B472K500CT	T	74.8/57.0
C853	4030023010	S.CER 0402B104K160CT	T	76.9/53.6
C854	4030023210	S.CER 0402B472K500CT	T	76.9/57.0
C855	4030023010	S.CER 0402B104K160CT	T	80.3/53.2
C856	4030023210	S.CER 0402B472K500CT	T	79.2/57.7
C857	4030023870	S.CER 0603B104K500CT	T	53.0/38.6
C861	4030023010	S.CER 0402B104K160CT	T	87.4/12.5
C862	4030023010	S.CER 0402B104K160CT	T	86.5/18.1
C901	4030023870	S.CER 0603B104K500CT	T	20.9/14.1

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[TUNER UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C902	4030023010	S.CER 0402B104K160CT	T	22.7/15.9
C903	4030023870	S.CER 0603B104K500CT	T	20.9/17.6
C904	4030023210	S.CER 0402B472K500CT	T	22.1/48.1
C905	4030023200	S.CER 0402B471K500CT	T	21.2/48.1
C951	4030022860	S.CER 0402N470J500CT	T	17.1/39.0
C952	4030022860	S.CER 0402N470J500CT	T	17.1/37.7
C953	4030022860	S.CER 0402N470J500CT	T	17.1/41.6
C954	4030022860	S.CER 0402N470J500CT	T	17.1/40.3
C955	4030023010	S.CER 0402B104K160CT	T	17.1/35.1
C956	4030023010	S.CER 0402B104K160CT	T	17.1/36.4
C957	4030023010	S.CER 0402B104K160CT	T	17.1/46.8
C958	4030023010	S.CER 0402B104K160CT	T	17.1/45.5
C959	4030023010	S.CER 0402B104K160CT	T	17.1/44.2
C960	4030023010	S.CER 0402B104K160CT	T	17.1/42.9
C961	4030023010	S.CER 0402B104K160CT	T	17.1/33.8
C962	4030023010	S.CER 0402B104K160CT	T	17.1/32.5
C963	4030023010	S.CER 0402B104K160CT	T	16.4/27.9
C964	4030023870	S.CER 0603B104K500CT	T	16.4/23.1
C965	4030024050	S.CER 0603B473K500CT	T	22.5/23.9
C966	4030026860	S.CER CL21A226MAYNNPE	T	20.2/24.7
C967	4030023210	S.CER 0402B472K500CT	T	22.5/27.4
C968	4030026860	S.CER CL21A226MAYNNPE	T	20.2/26.5
RL1	6330002310	REL G2RL-2 DC12		
RL11	6330002310	REL G2RL-2 DC12		
RL12	6330002310	REL G2RL-2 DC12		
RL101	6330002310	REL G2RL-2 DC12		
RL242	6330002310	REL G2RL-2 DC12		
RL301	6330002330	REL G2RL-2A DC12		
RL311	6330002330	REL G2RL-2A DC12		
RL321	6330002330	REL G2RL-2A DC12		
RL331	6330002330	REL G2RL-2A DC12		
RL341	6330002330	REL G2RL-2A DC12		
RL351	6330002330	REL G2RL-2A DC12		
RL361	6330002330	REL G2RL-2A DC12		
RL371	6330002330	REL G2RL-2A DC12		
RL381	6330002330	REL G2RL-2A DC12		
RL401	6330002330	REL G2RL-2A DC12		
RL411	6330002330	REL G2RL-2A DC12		
RL501	6330002330	REL G2RL-2A DC12		
RL511	6330002330	REL G2RL-2A DC12		
RL521	6330002330	REL G2RL-2A DC12		
RL531	6330002330	REL G2RL-2A DC12		
RL541	6330002330	REL G2RL-2A DC12		
RL551	6330002330	REL G2RL-2A DC12		
RL561	6330002330	REL G2RL-2A DC12		
RL571	6330002330	REL G2RL-2A DC12		
RL581	6330002330	REL G2RL-2A DC12		
RL591	6330002330	REL G2RL-2A DC12		
RL601	6330002000	REL G2RL-1A DC12		
RL602	6330002000	REL G2RL-1A DC12		
RL611	6330002000	REL G2RL-1A DC12		
RL612	6330002000	REL G2RL-1A DC12		
J802	6510021722	S.CON 30FLT-SM2-TB(LF)(SN)(M)	T	39.9/38.4
J951	6510035220	S.CON S15B-PH-SM4-TB(LF)(SN)	T	8.0/37.0
DS901	5040003590	S.LED SML-D12P8WT86	T	16.4/14.1
DS902	5040003590	S.LED SML-D12P8WT86	T	16.4/15.9
DS903	5040003590	S.LED SML-D12P8WT86	T	16.4/17.7
DS904	5040003590	S.LED SML-D12P8WT86	T	16.4/19.5
EP1	6910027930	S.E.O TH-1.6-M2	T	49.6/168.5
EP2	6910030580	S.E.O TH-1.6-M3	T	32.0/161.5
EP3	6910030580	S.E.O TH-1.6-M3	T	32.0/175.5
EP11	6910027930	S.E.O TH-1.6-M2	T	318.6/29.6
EP12	6910030580	S.E.O TH-1.6-M3	T	311.6/47.1
EP13	6910030580	S.E.O TH-1.6-M3	T	325.6/47.1
EP951	6910018930	S.BEA MPZ2012S601A	T	16.7/24.7
EP952	6910018930	S.BEA MPZ2012S601A	T	16.7/26.5
EP953	6910023350	S.BEA MMZ1005B601CT	T	19.9/45.5
EP954	6910023350	S.BEA MMZ1005B601CT	T	19.9/46.8

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M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[ANT-SW UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1130009670	S.IC	BU2092FV-E2	T	104.5/8.6
Q21	1590006360	S.TRA	DTA143XU3T106	T	51.3/8.0
Q22	1590006360	S.TRA	DTA143XU3T106	T	79.3/8.0
Q23	1590006360	S.TRA	DTA143XU3T106	T	70.9/8.0
Q24	1590006360	S.TRA	DTA143XU3T106	T	59.9/8.0
Q25	1590006360	S.TRA	DTA143XU3T106	T	90.4/8.0
Q26	1590006360	S.TRA	DTA143XU3T106	T	116.1/8.0
Q27	1590003490	S.TRA	DTA113ZETL	T	53.6/7.0
Q28	1590003490	S.TRA	DTA113ZETL	T	81.6/7.9
Q29	1590003490	S.TRA	DTA113ZETL	T	73.2/7.5
Q30	1590003490	S.TRA	DTA113ZETL	T	62.2/7.5
Q31	1590003490	S.TRA	DTA113ZETL	T	87.8/8.3
Q32	1590003490	S.TRA	DTA113ZETL	T	118.5/7.5
Q33	1590006360	S.TRA	DTA143XU3T106	T	56.4/8.1
Q34	1590006360	S.TRA	DTA143XU3T106	T	84.2/8.0
Q35	1590006360	S.TRA	DTA143XU3T106	T	75.8/8.0
Q36	1590006360	S.TRA	DTA143XU3T106	T	64.8/8.1
Q37	1590006360	S.TRA	DTA143XU3T106	T	92.9/8.0
Q38	1590006360	S.TRA	DTA143XU3T106	T	121.2/8.1
D11	1750001810	S.DIO	L1SS400T1G	T	55.9/12.9
D12	1750001810	S.DIO	L1SS400T1G	T	55.9/11.6
D13	1750002110	S.DIO	LRB551V-30T1G	T	54.1/9.8
D21	1750001810	S.DIO	L1SS400T1G	T	84.2/13.1
D22	1750001810	S.DIO	L1SS400T1G	T	84.3/11.9
D23	1750002110	S.DIO	LRB551V-30T1G	T	82.0/10.7
D31	1750001810	S.DIO	L1SS400T1G	T	75.4/12.8
D32	1750001810	S.DIO	L1SS400T1G	T	75.9/11.6
D33	1750002110	S.DIO	LRB551V-30T1G	T	73.6/10.3
D41	1750001810	S.DIO	L1SS400T1G	T	64.5/12.9
D42	1750001810	S.DIO	L1SS400T1G	T	64.7/11.6
D43	1750002110	S.DIO	LRB551V-30T1G	T	62.6/10.3
D51	1750001810	S.DIO	L1SS400T1G	T	92.7/11.5
D52	1750001810	S.DIO	L1SS400T1G	T	92.7/12.8
D53	1750002110	S.DIO	LRB551V-30T1G	T	89.8/11.9
D61	1750001810	S.DIO	L1SS400T1G	T	120.0/12.8
D62	1750001810	S.DIO	L1SS400T1G	T	121.0/11.5
D63	1750002110	S.DIO	LRB551V-30T1G	T	119.0/10.3
D101	1750001810	S.DIO	L1SS400T1G	T	66.5/94.7
D102	1750001810	S.DIO	L1SS400T1G	T	44.3/100.8
D103	1750001810	S.DIO	L1SS400T1G	T	20.5/98.8
D201	1750001810	S.DIO	L1SS400T1G	T	110.5/94.3
D202	1750001810	S.DIO	L1SS400T1G	T	93.1/100.7
D203	1750001810	S.DIO	L1SS400T1G	T	84.4/99.6
D301	1750001810	S.DIO	L1SS400T1G	T	150.1/98.1
D302	1750001810	S.DIO	L1SS400T1G	T	131.7/95.8
D303	1750001810	S.DIO	L1SS400T1G	T	128.4/99.6
D401	1750001810	S.DIO	L1SS400T1G	T	66.5/22.4
D402	1750001810	S.DIO	L1SS400T1G	T	49.2/16.1
D403	1750001810	S.DIO	L1SS400T1G	T	40.4/17.4
D501	1750001810	S.DIO	L1SS400T1G	T	110.5/22.4
D502	1750001810	S.DIO	L1SS400T1G	T	93.2/16.1
D503	1750001810	S.DIO	L1SS400T1G	T	84.4/17.4
D601	1750001810	S.DIO	L1SS400T1G	T	150.0/18.7
D602	1750001810	S.DIO	L1SS400T1G	T	137.2/21.1
D603	1750001810	S.DIO	L1SS400T1G	T	128.4/17.4
L51	6200010170	S.COI	AS080447-33N	T	146.5/49.0
L101	6200017680	S.COI	NLV32T-100J-EF	T	65.4/98.2
L102	6200017680	S.COI	NLV32T-100J-EF	T	40.7/99.9
L103	6200017680	S.COI	NLV32T-100J-EF	T	17.6/98.5
L201	6200017680	S.COI	NLV32T-100J-EF	T	110.0/98.3
L202	6200017680	S.COI	NLV32T-100J-EF	T	90.2/100.5
L203	6200017680	S.COI	NLV32T-100J-EF	T	86.6/100.5
L301	6200017680	S.COI	NLV32T-100J-EF	T	146.4/97.8
L302	6200017680	S.COI	NLV32T-100J-EF	T	128.8/95.5
L303	6200017680	S.COI	NLV32T-100J-EF	T	130.6/100.5
L401	6200017680	S.COI	NLV32T-100J-EF	T	65.4/18.8
L402	6200017680	S.COI	NLV32T-100J-EF	T	46.2/16.6
L403	6200017680	S.COI	NLV32T-100J-EF	T	42.6/16.6
L501	6200017680	S.COI	NLV32T-100J-EF	T	109.4/18.8
L502	6200017680	S.COI	NLV32T-100J-EF	T	90.2/16.6
L503	6200017680	S.COI	NLV32T-100J-EF	T	86.6/16.6
L601	6200017680	S.COI	NLV32T-100J-EF	T	149.1/16.4
L602	6200017680	S.COI	NLV32T-100J-EF	T	134.2/21.6
L603	6200017680	S.COI	NLV32T-100J-EF	T	130.6/16.6
R13	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	153.0/6.2
R14	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	154.8/6.2
R15	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	112.0/3.2
R16	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	151.2/6.2
R17	7030016050	S.RES	RMC1/16S-102JTH (1 k)	T	155.7/6.2
R19	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	100.0/5.8
R27	7030016250	S.RES	RMC1/16S-220JTH (22)	T	55.9/5.5
R28	7030016250	S.RES	RMC1/16S-220JTH (22)	T	84.2/5.5
R29	7030016250	S.RES	RMC1/16S-220JTH (22)	T	75.6/5.5
R30	7030016250	S.RES	RMC1/16S-220JTH (22)	T	64.5/5.5
R31	7030016250	S.RES	RMC1/16S-220JTH (22)	T	92.8/5.5
R32	7030016250	S.RES	RMC1/16S-220JTH (22)	T	121.2/5.5
R33	7030016250	S.RES	RMC1/16S-220JTH (22)	T	51.3/5.7
R34	7030016250	S.RES	RMC1/16S-220JTH (22)	T	79.5/5.7
R35	7030016250	S.RES	RMC1/16S-220JTH (22)	T	71.0/5.5
R36	7030016250	S.RES	RMC1/16S-220JTH (22)	T	59.9/5.5
R37	7030016250	S.RES	RMC1/16S-220JTH (22)	T	90.3/5.5
R38	7030016250	S.RES	RMC1/16S-220JTH (22)	T	116.1/5.5
R39	7030016150	S.RES	RMC1/16S-100JTH (10)	T	53.6/5.0
R40	7030016150	S.RES	RMC1/16S-100JTH (10)	T	81.9/5.5
R41	7030016150	S.RES	RMC1/16S-100JTH (10)	T	73.3/5.5
R42	7030016150	S.RES	RMC1/16S-100JTH (10)	T	62.2/5.5

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
R43	7030016150	S.RES	RMC1/16S-100JTH (10)	T	88.0/5.5
R44	7030016150	S.RES	RMC1/16S-100JTH (10)	T	118.4/5.6
R51	7540000330	S.ABS	CSA70-401L-T	T	146.3/43.8
R52	7540000190	ABS	SRYG-2000L		
C3	4030023210	S.CER	0402B472K500CT	T	104.5/4.6
C6	4030023010	S.CER	0402B104K160CT	T	159.6/6.0
C7	4030023010	S.CER	0402B104K160CT	T	158.7/6.0
C8	4030022860	S.CER	0402N470J500CT	T	156.6/6.2
C9	4030022860	S.CER	0402N470J500CT	T	153.9/6.2
C10	4030022860	S.CER	0402N470J500CT	T	152.1/6.2
C11	4030022860	S.CER	0402N470J500CT	T	150.3/6.2
C21	4030023010	S.CER	0402B104K160CT	T	54.7/5.0
C22	4030023010	S.CER	0402B104K160CT	T	83.0/5.0
C23	4030023010	S.CER	0402B104K160CT	T	74.4/5.0
C24	4030023010	S.CER	0402B104K160CT	T	63.3/5.0
C25	4030023010	S.CER	0402B104K160CT	T	89.0/5.0
C26	4030023010	S.CER	0402B104K160CT	T	119.7/5.0
C27	4030023210	S.CER	0402B472K500CT	T	126.0/8.6
C28	4030023010	S.CER	0402B104K160CT	T	52.6/5.0
C29	4030023010	S.CER	0402B104K160CT	T	80.8/5.0
C30	4030023010	S.CER	0402B104K160CT	T	72.2/5.0
C31	4030023010	S.CER	0402B104K160CT	T	61.1/5.0
C32	4030023010	S.CER	0402B104K160CT	T	91.5/5.0
C33	4030023010	S.CER	0402B104K160CT	T	117.3/5.0
C34	4030023210	S.CER	0402B472K500CT	T	124.2/8.5
C101	4030023210	S.CER	0402B472K500CT	T	65.0/101.2
C102	4030023210	S.CER	0402B472K500CT	T	64.3/94.7
C103	4030023210	S.CER	0402B472K500CT	T	14.9/99.3
C104	4030023210	S.CER	0402B472K500CT	T	44.0/98.8
C105	4030023210	S.CER	0402B472K500CT	T	22.7/99.2
C106	4030023010	S.CER	0402B104K160CT	T	65.3/94.7
C107	4030023010	S.CER	0402B104K160CT	T	44.0/99.7
C108	4030023010	S.CER	0402B104K160CT	T	21.7/99.2
C109	4030023210	S.CER	0402B472K500CT	T	38.0/99.9
C110	4030021200	S.CER	GRM31A5C2J120JW01D	T	51.8/89.2
C201	4030023210	S.CER	0402B472K500CT	T	107.0/100.7
C202	4030023210	S.CER	0402B472K500CT	T	108.3/94.7
C203	4030023210	S.CER	0402B472K500CT	T	84.4/101.8
C204	4030023210	S.CER	0402B472K500CT	T	92.6/98.8
C205	4030023210	S.CER	0402B472K500CT	T	82.2/99.2
C206	4030023010	S.CER	0402B104K160CT	T	109.2/94.7
C207	4030023010	S.CER	0402B104K160CT	T	92.6/99.7
C208	4030023010	S.CER	0402B104K160CT	T	83.2/99.2
C209	4030023210	S.CER	0402B472K500CT	T	93.6/102.2
C210	4030024620	S.CER	GRM31A5C2J6R0DW01D	T	95.8/89.2
C301	4030023210	S.CER	0402B472K500CT	T	149.6/99.5
C302	4030023210	S.CER	0402B472K500CT	T	149.6/96.1
C303	4030023210	S.CER	0402B472K500CT	T	128.5/101.8
C304	4030023210	S.CER	0402B472K500CT	T	131.3/93.8
C305	4030023210	S.CER	0402B472K500CT	T	126.2/99.2
C306	4030023010	S.CER	0402B104K160CT	T	149.6/97.0
C307	4030023010	S.CER	0402B104K160CT	T	131.3/94.7
C308	4030023010	S.CER	0402B104K160CT	T	127.2/99.2
C309	4030023210	S.CER	0402B472K500CT	T	130.9/97.4
C401	4030023210	S.CER	0402B472K500CT	T	64.1/15.9
C402	4030023210	S.CER	0402B472K500CT	T	64.3/22.4
C403	4030023210	S.CER	0402B472K500CT	T	40.5/15.3
C404	4030023210	S.CER	0402B472K500CT	T	48.7/18.3
C405	4030023210	S.CER	0402B472K500CT	T	38.2/17.9
C406	4030023010	S.CER	0402B104K160CT	T	65.3/22.4
C407	4030023010	S.CER	0402B104K160CT	T	48.7/17.3
C408	4030023010	S.CER	0402B104K160CT	T	39.2/17.9
C409	4030023210	S.CER	0402B472K500CT	T	48.7/14.8
C410	4030024670	S.CER	GRM31A5C2J9R0DW01D	T	51.8/27.8
C501	4030023210	S.CER	0402B472K500CT	T	109.0/16.2
C502	4030023210	S.CER	0402B472K500CT	T	108.3/22.4
C503	4030023210	S.CER	0402B472K500CT	T	84.5/15.3
C504	4030023210	S.CER	0402B472K500CT	T	92.7/18.3
C505	4030023210	S.CER	0402B472K500CT	T	82.2/17.9
C506	4030023010	S.CER	0402B104K160CT	T	109.3/22.4
C507	4030023010	S.CER	0402B104K160CT	T	92.7/17.3
C508	4030023010	S.CER	0402B104K160CT	T	83.2/17.9
C509	4030023210	S.CER	0402B472K500CT	T	92.7/14.8
C601	4030023210	S.CER	0402B472K500CT	T	145.9/17.4
C602	4030023210	S.CER	0402B472K500CT	T	150.3/20.8
C603	4030023210	S.CER	0402B472K500CT	T	128.5/15.2
C604	4030023210	S.CER	0402B472K500CT	T	136.7/23.3
C605	4030023210	S.CER	0402B472K500CT	T	126.2/17.9
C606	4030023010	S.CER	0402B104K160CT	T	150.3/19.9
C607	4030023010	S.CER	0402B104K160CT	T	136.7/22.3
C608	4030023010	S.CER	0402B104K160CT	T	127.2/17.9
C609	4030023210	S.CER	0402B472K500CT	T	136.7/19.8
RL101	6310000070	S.REL	G6K-2F-Y-TR DC3V	T	57.9/95.8
RL102	6330001050	REL	G2R-1-E DC12V		
RL103	6330001050	REL	G2R-1-E DC12V		
RL201	6310000070	S.REL	G6K-2F-Y-TR DC3V	T	101.9/95.8
RL202	6330001050	REL	G2R-1-E DC12V		
RL203	6330001050	REL	G2R-1-E DC12V		
RL301	6310000070	S.REL	G6K-2F-Y-TR DC3V	T	145.8/90.3
RL302	6330001050	REL	G2R-1-E DC12V		
RL303	6330001050	REL	G2R-1-E DC12V		
RL401	6310000070	S.REL	G6K-2F-Y-TR DC3V	T	57.8/21.1
RL402	6330001050	REL	G2R-1-E DC12V		
RL403	6330001050	REL	G2R-1-E DC12V		
RL501	6310000070	S.REL	G6K-2F-Y-TR DC3V	T	101.8/21.1
RL502	6330001050	REL	G2R-1-E DC12V		
RL503	6330001050	REL	G2R-1-E DC12V		
RL601	6310000070	S.REL	G6K-2F-Y-TR DC3V	T	145.8/26.1
RL602	6330001050	REL	G2R-1-E DC12V		
RL603	6330001050	REL	G2R-1-E DC12V		

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H/V LOCATION= Shows mounting location on the PCB.

[ANT-SW UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
J3	6510022022	S.CON	14FLT-SM2-TB(LF)(SN)(M)	T	155.4/9.7
J11	6450003020	CON	TNC-R-S-AI		
J51	6510028210	CON	SJ050010 (TMP-J01X-V6)		
EP5	6910019900	S.BEA	MPZ1608S601AT	T	128.9/7.4
EP11	6910030590	S.E.O	TH-1.6-5.0-M2	T	50.3/64.9
EP12	6910030590	S.E.O	TH-1.6-5.0-M2	T	37.6/64.9
EP13	6910030590	S.E.O	TH-1.6-5.0-M2	T	37.6/52.2
EP14	6910030590	S.E.O	TH-1.6-5.0-M2	T	50.3/52.2
EP21	6910019900	S.BEA	MPZ1608S601AT	T	128.9/8.6
EP22	6910019900	S.BEA	MPZ1608S601AT	T	128.9/9.8

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H/V LOCATION= Shows mounting location on the PCB.

[SD UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R1	7030016520	S.RES RMC1/16S-270JTH (27)	T	33.0/10.0
R2	7030016520	S.RES RMC1/16S-270JTH (27)	T	33.0/12.5
R3	7030016520	S.RES RMC1/16S-270JTH (27)	T	33.0/13.8
R5	7030016520	S.RES RMC1/16S-270JTH (27)	T	33.0/22.5
R6	7030015920	S.RES RMC1/16S-221JTH (220)	T	16.9/33.4
R7	7030016520	S.RES RMC1/16S-270JTH (27)	T	33.0/25.0
R8	7030016520	S.RES RMC1/16S-270JTH (27)	T	33.0/26.2
R9	7030015920	S.RES RMC1/16S-221JTH (220)	T	11.9/33.4
C41	4030023820	S.CER 0603B104K250CT	T	34.6/16.2
C42	4030019560	S.CER GRM21BB31C106KE15L	T	33.0/16.2
J1	6510034190	S.CON DM1AA-SF-PEJ(82)	T	15.3/18.6
J2	6510024522	S.CON 12FLT-SM2-TB(LF)(SN)(M)	T	37.7/17.0
EP4	6910019900	S.BEA MPZ1608S601AT	T	33.5/18.7

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H/V LOCATION= Shows mounting location on the PCB.

[PA-D UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
L351	6140006110	COI LR-663		
L352	6140006120	COI LR-638		
L353	6110004500	COI LA-668		
L354	6110004500	COI LA-668		
L355	6140006080	COI LR-660		
C353	4030025210	S.CER GQM22M5C2H101JB01L	T	14.4/95.7
C354	4030025210	S.CER GQM22M5C2H101JB01L	T	14.4/66.6
C357	4010009590	CER CC45SL3JD100JYNNA		
C358	4010009590	CER CC45SL3JD100JYNNA		
C359	4010009590	CER CC45SL3JD100JYNNA		
C360	4030021300	S.CER GQM22M5C2H330JB01L	T	45.5/104.3
C363	4030025210	S.CER GQM22M5C2H101JB01L	T	26.3/95.7
C364	4010009580	CER CC45SL3JD120JYNNA		
C365	4010009590	CER CC45SL3JD100JYNNA		
C367	4030021350	S.CER GQM22M5C2H270JB01L	T	76.4/104.3
C368	4030021280	S.CER GQM22M5C2H180JB01L	T	78.8/102.0
C369	4010008921	CER CC45SL3JD050DYNNA		
C373	4030025210	S.CER GQM22M5C2H101JB01L	T	26.3/66.6
C401	4510011540	S.ELE 80 CE 470 LX T	T	89.9/23.0
C402	4510011540	S.ELE 80 CE 470 LX T	T	67.4/21.0
C403	4510011540	S.ELE 80 CE 470 LX T	T	47.4/21.0
C404	4510011540	S.ELE 80 CE 470 LX T	T	27.4/21.0
C407	4030027600	S.CER GRM43DR72J104KW01L	T	98.0/34.9
C408	4030021230	S.CER GRM31B5C2J102JW01L	T	97.8/38.2
W331	7120000480	S.JUM MJP-0.4-T	T	10.4/99.0
W341	7120000480	S.JUM MJP-0.4-T	T	10.4/63.3
EP301	6910027930	S.E.O TH-1.6-M2	T	82.9/108.9
EP302	6910030580	S.E.O TH-1.6-M3	T	100.4/101.9
EP303	6910030580	S.E.O TH-1.6-M3	T	100.4/115.9
EP425	6910030600	S.E.O TH-0.8-4.5-M4	T	8.9/28.8
EP426	6910030600	S.E.O TH-0.8-4.5-M4	T	8.9/10.5

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H/V LOCATION= Shows mounting location on the PCB.

[JOINT UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C5	4050000240	S.FEE NFM18PC104R1C3D	T	47.2/19.0
C8	4050000240	S.FEE NFM18PC104R1C3D	T	44.2/19.0
C15	4050000240	S.FEE NFM18PC104R1C3D	T	38.2/19.0
C16	4050000300	S.FEE CNF10C470S-TMN	T	36.5/19.0
C17	4050000240	S.FEE NFM18PC104R1C3D	T	34.8/19.0
C18	4050000300	S.FEE CNF10C470S-TMN	T	33.1/19.0
C20	4050000300	S.FEE CNF10C470S-TMN	T	29.7/19.0
C21	4050000240	S.FEE NFM18PC104R1C3D	T	28.0/19.0
C22	4050000300	S.FEE CNF10C470S-TMN	T	26.3/19.0
C23	4050000240	S.FEE NFM18PC104R1C3D	T	24.6/19.0
C24	4050000240	S.FEE NFM18PC104R1C3D	T	23.1/19.0
C25	4050000300	S.FEE CNF10C470S-TMN	T	21.4/19.0
C26	4050000240	S.FEE NFM18PC104R1C3D	T	19.7/19.0
C28	4050000240	S.FEE NFM18PC104R1C3D	T	18.2/19.0
C30	4050000240	S.FEE NFM18PC104R1C3D	T	16.7/19.0
C31	4050000300	S.FEE CNF10C470S-TMN	T	15.0/19.0
C32	4050000300	S.FEE CNF10C470S-TMN	T	13.0/19.0
C33	4050000300	S.FEE CNF10C470S-TMN	T	11.0/19.0
C34	4050000300	S.FEE CNF10C470S-TMN	T	9.0/19.0
C35	4050000300	S.FEE CNF10C470S-TMN	T	7.0/19.0
C36	4050000300	S.FEE CNF10C470S-TMN	T	5.0/19.0
C38	4050000240	S.FEE NFM18PC104R1C3D	T	1.8/19.0
J1	6510035270	S.CON 046240-040-003-800/+	T	22.0/31.8
J2	6510035270	S.CON 046240-040-003-800/+	T	22.0/6.2

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H/V LOCATION= Shows mounting location on the PCB.

[CONNECT-A UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC301	1130021430	S.IC	74VHC04FT(BJ)	T	64.5/12.8
IC1301	1130012720	S.IC	CD74HC4094PWR	T	178.0/4.0
IC1302	1130012720	S.IC	CD74HC4094PWR	T	200.0/4.0
IC1303	1130012720	S.IC	CD74HC4094PWR	T	222.0/4.0
IC1501	1180005420	S.REG	KIA78M12F-RTF/P	T	242.3/4.1
IC1551	1180005420	S.REG	KIA78M12F-RTF/P	T	144.0/22.5
Q201	1530004140	S.TRA	L2SC4081RT1G	T	70.2/28.5
Q202	1530004140	S.TRA	L2SC4081RT1G	T	133.4/27.9
Q207	1590004690	S.TRA	LDTC143ZET1G	T	124.5/8.1
Q208	1590004690	S.TRA	LDTC143ZET1G	T	116.5/8.1
Q209	1590004690	S.TRA	LDTC143ZET1G	T	49.8/7.4
Q210	1590004690	S.TRA	LDTC143ZET1G	T	132.5/8.1
Q305	1510001200	S.TRA	L2SA1576ART1G	T	70.5/17.9
Q306	1510001200	S.TRA	L2SA1576ART1G	T	62.7/17.9
Q308	1530004140	S.TRA	L2SC4081RT1G	T	66.9/19.1
Q309	1530004140	S.TRA	L2SC4081RT1G	T	59.1/19.1
Q1101	1590004060	S.TRA	LDTC114EET1G	T	151.8/10.0
Q1103	1590004310	S.TRA	LDTA114EET1G	T	149.8/10.0
Q1104	1510001300	S.TRA	2SAR553P5T100	T	151.0/21.7
Q1105	1530004620	S.TRA	2SCR553P5T100	T	151.0/14.9
Q1111	1590004060	S.TRA	LDTC114EET1G	T	156.8/10.0
Q1113	1590004310	S.TRA	LDTA114EET1G	T	154.8/10.0
Q1114	1510001300	S.TRA	2SAR553P5T100	T	156.0/21.7
Q1115	1530004620	S.TRA	2SCR553P5T100	T	156.0/14.9
Q1121	1590004060	S.TRA	LDTC114EET1G	T	161.8/10.0
Q1123	1590004310	S.TRA	LDTA114EET1G	T	159.8/10.0
Q1124	1510001300	S.TRA	2SAR553P5T100	T	161.0/21.7
Q1125	1530004620	S.TRA	2SCR553P5T100	T	161.0/14.9
Q1131	1590004060	S.TRA	LDTC114EET1G	T	166.8/10.0
Q1133	1590004310	S.TRA	LDTA114EET1G	T	164.8/10.0
Q1134	1510001300	S.TRA	2SAR553P5T100	T	166.0/21.7
Q1135	1530004620	S.TRA	2SCR553P5T100	T	166.0/14.9
Q1141	1590004060	S.TRA	LDTC114EET1G	T	171.8/10.0
Q1143	1590004310	S.TRA	LDTA114EET1G	T	169.8/10.0
Q1144	1510001300	S.TRA	2SAR553P5T100	T	171.0/21.7
Q1145	1530004620	S.TRA	2SCR553P5T100	T	171.0/14.9
Q1151	1590004060	S.TRA	LDTC114EET1G	T	176.8/10.0
Q1153	1590004310	S.TRA	LDTA114EET1G	T	174.8/10.0
Q1154	1510001300	S.TRA	2SAR553P5T100	T	176.0/21.7
Q1155	1530004620	S.TRA	2SCR553P5T100	T	176.0/14.9
Q1161	1590004060	S.TRA	LDTC114EET1G	T	181.8/10.0
Q1163	1590004310	S.TRA	LDTA114EET1G	T	179.8/10.0
Q1164	1510001300	S.TRA	2SAR553P5T100	T	181.0/21.7
Q1165	1530004620	S.TRA	2SCR553P5T100	T	181.0/14.9
Q1171	1590004060	S.TRA	LDTC114EET1G	T	186.8/10.0
Q1173	1590004310	S.TRA	LDTA114EET1G	T	184.8/10.0
Q1174	1510001300	S.TRA	2SAR553P5T100	T	186.0/21.7
Q1175	1530004620	S.TRA	2SCR553P5T100	T	186.0/14.9
Q1181	1590004060	S.TRA	LDTC114EET1G	T	191.8/10.0
Q1183	1590004310	S.TRA	LDTA114EET1G	T	189.8/10.0
Q1184	1510001300	S.TRA	2SAR553P5T100	T	191.0/21.7
Q1185	1530004620	S.TRA	2SCR553P5T100	T	191.0/14.9
Q1191	1590004060	S.TRA	LDTC114EET1G	T	196.8/10.0
Q1192	1560002190	S.FET	RUM002N02T2L	T	199.0/8.8
Q1193	1590004310	S.TRA	LDTA114EET1G	T	194.8/10.0
Q1194	1510001300	S.TRA	2SAR553P5T100	T	196.0/21.7
Q1195	1530004620	S.TRA	2SCR553P5T100	T	196.0/14.9
Q1201	1590004060	S.TRA	LDTC114EET1G	T	204.3/10.0
Q1203	1590004310	S.TRA	LDTA114EET1G	T	202.3/10.0
Q1204	1510001300	S.TRA	2SAR553P5T100	T	203.5/21.7
Q1205	1530004620	S.TRA	2SCR553P5T100	T	203.5/14.9
Q1211	1590004060	S.TRA	LDTC114EET1G	T	209.3/10.0
Q1213	1590004310	S.TRA	LDTA114EET1G	T	207.3/10.0
Q1214	1510001300	S.TRA	2SAR553P5T100	T	208.5/21.7
Q1215	1530004620	S.TRA	2SCR553P5T100	T	208.5/14.9
Q1221	1590004060	S.TRA	LDTC114EET1G	T	214.3/10.0
Q1223	1590004310	S.TRA	LDTA114EET1G	T	212.3/10.0
Q1224	1510001300	S.TRA	2SAR553P5T100	T	213.5/21.7
Q1225	1530004620	S.TRA	2SCR553P5T100	T	213.5/14.9
Q1231	1590004060	S.TRA	LDTC114EET1G	T	219.3/10.0
Q1233	1590004310	S.TRA	LDTA114EET1G	T	217.3/10.0
Q1234	1510001300	S.TRA	2SAR553P5T100	T	218.5/21.7
Q1235	1530004620	S.TRA	2SCR553P5T100	T	218.5/14.9
Q1241	1590004060	S.TRA	LDTC114EET1G	T	224.3/10.0
Q1243	1590004310	S.TRA	LDTA114EET1G	T	222.3/10.0
Q1244	1510001300	S.TRA	2SAR553P5T100	T	223.5/21.7
Q1245	1530004620	S.TRA	2SCR553P5T100	T	223.5/14.9
Q1251	1590004060	S.TRA	LDTC114EET1G	T	229.3/10.0
Q1253	1590004310	S.TRA	LDTA114EET1G	T	227.3/10.0
Q1254	1510001300	S.TRA	2SAR553P5T100	T	228.5/21.7
Q1255	1530004620	S.TRA	2SCR553P5T100	T	228.5/14.9
Q1261	1590004060	S.TRA	LDTC114EET1G	T	234.3/10.0
Q1263	1590004310	S.TRA	LDTA114EET1G	T	232.3/10.0
Q1264	1510001300	S.TRA	2SAR553P5T100	T	233.5/21.7
Q1265	1530004620	S.TRA	2SCR553P5T100	T	233.5/14.9
Q1271	1590004060	S.TRA	LDTC114EET1G	T	239.3/10.0
Q1273	1590004310	S.TRA	LDTA114EET1G	T	237.3/10.0
Q1274	1510001300	S.TRA	2SAR553P5T100	T	238.5/21.7
Q1275	1530004620	S.TRA	2SCR553P5T100	T	238.5/14.9
Q1281	1590004060	S.TRA	LDTC114EET1G	T	244.3/10.0
Q1283	1590004310	S.TRA	LDTA114EET1G	T	242.3/10.0
Q1284	1510001300	S.TRA	2SAR553P5T100	T	243.5/21.7
Q1285	1530004620	S.TRA	2SCR553P5T100	T	243.5/14.9
Q1291	1590004060	S.TRA	LDTC114EET1G	T	249.3/10.0
Q1292	1560002190	S.FET	RUM002N02T2L	T	251.9/10.5
Q1293	1590004310	S.TRA	LDTA114EET1G	T	247.3/10.0
Q1294	1510001300	S.TRA	2SAR553P5T100	T	248.5/21.7
Q1295	1530004620	S.TRA	2SCR553P5T100	T	248.5/14.9
D102	1750004300	S.DIO	RBR3LAM40CTR	T	88.7/15.7
D103	1750004300	S.DIO	RBR3LAM40CTR	T	88.7/18.8

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
D105	1750001820	S.DIO	LRB706F-40T1G	T	96.2/17.2
D107	1750001820	S.DIO	LRB706F-40T1G	T	25.4/13.0
D108	1730003200	S.ZEN	UDZVTE-173.0B	T	96.0/19.4
D110	1730003200	S.ZEN	UDZVTE-173.0B	T	25.2/15.2
D111	1750003510	S.ZEN	TPSMD15A	T	65.5/5.5
D201	1750001810	S.DIO	L1SS400T1G	T	64.9/29.2
D203	1750001810	S.DIO	L1SS400T1G	T	136.6/29.6
D205	1750001810	S.DIO	L1SS400T1G	T	126.9/7.7
D206	1750001810	S.DIO	L1SS400T1G	T	118.9/7.7
D207	1750001810	S.DIO	L1SS400T1G	T	52.0/8.1
D208	1750001810	S.DIO	L1SS400T1G	T	134.9/7.7
D302	1750001810	S.DIO	L1SS400T1G	T	68.7/21.5
D303	1750001810	S.DIO	L1SS400T1G	T	60.8/21.4
L1301	6200017680	S.COI	NLV32T-100J-EF	T	160.7/4.1
R104	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	98.1/17.7
R105	7030016420	S.RES	RMC1/16S-182JTH (1.8 k)	T	98.1/19.8
R107	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	27.3/13.5
R108	7030016420	S.RES	RMC1/16S-182JTH (1.8 k)	T	27.3/15.6
R201	7030015960	S.RES	RMC1/16S-472JTH (4.7 k)	T	72.0/28.1
R202	7030015960	S.RES	RMC1/16S-472JTH (4.7 k)	T	132.4/29.6
R205	7030016330	S.RES	RMC1/16S-153JTH (15 k)	T	68.3/28.7
R206	7030016330	S.RES	RMC1/16S-153JTH (15 k)	T	135.3/27.7
R207	7030016340	S.RES	RMC1/16S-393JTH (39 k)	T	67.4/28.7
R208	7030016340	S.RES	RMC1/16S-393JTH (39 k)	T	136.2/27.7
R211	7030015930	S.RES	RMC1/16S-471JTH (470)	T	66.5/28.7
R213	7030015930	S.RES	RMC1/16S-471JTH (470)	T	134.6/29.6
R215	7030015920	S.RES	RMC1/16S-221JTH (220)	T	127.3/6.6
R216	7030015920	S.RES	RMC1/16S-221JTH (220)	T	119.3/6.6
R217	7030015920	S.RES	RMC1/16S-221JTH (220)	T	53.7/7.2
R218	7030015920	S.RES	RMC1/16S-221JTH (220)	T	135.3/6.6
R221	7540000380	S.ABS	EZAEG2A50AX	T	75.1/29.3
R222	7540000380	S.ABS	EZAEG2A50AX	T	155.1/29.5
R301	7030016250	S.RES	RMC1/16S-220JTH (22)	T	69.8/14.1
R302	7030016250	S.RES	RMC1/16S-220JTH (22)	T	69.8/11.4
R303	7030016250	S.RES	RMC1/16S-220JTH (22)	T	59.3/14.8
R304	7030016250	S.RES	RMC1/16S-220JTH (22)	T	59.3/12.1
R305	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	69.8/12.3
R306	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	59.3/13.0
R309	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	69.8/13.2
R310	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	59.3/13.9
R313	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	70.7/19.8
R314	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	71.0/16.1
R315	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	62.9/19.8
R316	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	63.1/16.1
R317	7030016360	S.RES	RMC1/16S-123JTH (12 k)	T	67.7/15.7
R318	7030016360	S.RES	RMC1/16S-123JTH (12 k)	T	59.3/15.7
R319	7030016380	S.RES	RMC1/16S-183JTH (18 k)	T	70.7/20.7
R320	7030016380	S.RES	RMC1/16S-183JTH (18 k)	T	62.9/20.7
R431	7540000380	S.ABS	EZAEG2A50AX	T	29.8/20.9
R441	7540000380	S.ABS	EZAEG2A50AX	T	109.1/21.8
R502	7030015910	S.RES	RMC1/16S-101JTH (100)	T	16.2/8.7
R504	7030015910	S.RES	RMC1/16S-101JTH (100)	T	17.2/8.7
R506	7030015910	S.RES	RMC1/16S-101JTH (100)	T	18.2/8.7
R508	7030015910	S.RES	RMC1/16S-101JTH (100)	T	19.2/8.7
R615	7030015910	S.RES	RMC1/16S-101JTH (100)	T	95.8/10.1
R617	7030015910	S.RES	RMC1/16S-101JTH (100)	T	96.8/10.1
R621	7030015910	S.RES	RMC1/16S-101JTH (100)	T	98.8/10.1
R623	7030015910	S.RES	RMC1/16S-101JTH (100)	T	99.8/10.1
R624	7030015910	S.RES	RMC1/16S-101JTH (100)	T	100.3/4.0
R626	7030015910	S.RES	RMC1/16S-101JTH (100)	T	101.3/4.0
R628	7030015910	S.RES	RMC1/16S-101JTH (100)	T	102.3/4.0
R630	7030015910	S.RES	RMC1/16S-101JTH (100)	T	103.3/4.0
R631	7030015910	S.RES	RMC1/16S-101JTH (100)	T	103.8/10.1
R632	7030015910	S.RES	RMC1/16S-101JTH (100)	T	104.3/4.0
R633	7030015910	S.RES	RMC1/16S-101JTH (100)	T	104.8/10.1
R634	7030015910	S.RES	RMC1/16S-101JTH (100)	T	105.3/4.0
R635	7030015910	S.RES	RMC1/16S-101JTH (100)	T	105.8/10.1
R636	7030015910	S.RES	RMC1/16S-101JTH (100)	T	106.3/4.0
R1101	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	150.3/18.6
R1102	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	152.1/18.6
R1103	7030015930	S.RES	RMC1/16S-471JTH (470)	T	150.3/11.8
R1104	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	151.9/11.8
R1111	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	155.3/18.6
R1112	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	157.1/18.6
R1113	7030015930	S.RES	RMC1/16S-471JTH (470)	T	155.3/11.8
R1114	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	156.9/11.8
R1121	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	160.3/18.6
R1122	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	162.1/18.6
R1123	7030015930	S.RES	RMC1/16S-471JTH (470)	T	160.3/11.8
R1124	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	161.9/11.8
R1131	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	165.3/18.6
R1132	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	167.1/18.6
R1133	7030015930	S.RES	RMC1/16S-471JTH (470)	T	165.3/11.8
R1134	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	166.9/11.8
R1141	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	170.3/18.6
R1142	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	172.1/18.6
R1143	7030015930	S.RES	RMC1/16S-471JTH (470)	T	170.3/11.8
R1144	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	171.9/11.8
R1151	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	175.3/18.6
R1152	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	177.1/18.6
R1153	7030015930	S.RES	RMC1/16S-471JTH (470)	T	175.3/11.8
R1154	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	176.9/11.8
R1161	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	180.3/18.6
R1162	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	182.1/18.6
R1163	7030015930	S.RES	RMC1/16S-471JTH (470)	T	180.3/11.8
R1164	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	181.9/11.8
R1171	7030015950	S.RES	RMC1/16S-152JTH (1.5 k)	T	185.3/18.6
R1172	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	187.1/18.6
R1173	7030015930	S.RES	RMC1/16S-471JTH (470)	T	185.3/11.8
R1174	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	186.9/11.8

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[CONNECT-A UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
R1181	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	190.3/18.6
R1182	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	192.1/18.6
R1183	7030015930	S.RES RMC1/16S-471JTH (470)	T	190.3/11.8
R1184	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	191.9/11.8
R1191	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	195.3/18.6
R1192	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	197.1/18.6
R1193	7030015930	S.RES RMC1/16S-471JTH (470)	T	195.3/11.8
R1194	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	196.9/11.8
R1201	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	202.8/18.6
R1202	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	204.6/18.6
R1203	7030015930	S.RES RMC1/16S-471JTH (470)	T	202.7/11.8
R1204	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	204.4/11.8
R1211	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	207.8/18.6
R1212	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	209.6/18.6
R1213	7030015930	S.RES RMC1/16S-471JTH (470)	T	207.8/11.8
R1214	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	209.4/11.8
R1221	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	212.8/18.6
R1222	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	214.6/18.6
R1223	7030015930	S.RES RMC1/16S-471JTH (470)	T	212.8/11.8
R1224	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	214.4/11.8
R1231	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	217.8/18.6
R1232	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	219.6/18.6
R1233	7030015930	S.RES RMC1/16S-471JTH (470)	T	217.8/11.8
R1234	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	219.4/11.8
R1241	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	222.8/18.6
R1242	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	224.6/18.6
R1243	7030015930	S.RES RMC1/16S-471JTH (470)	T	222.8/11.8
R1244	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	224.4/11.8
R1251	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	227.8/18.6
R1252	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	229.6/18.6
R1253	7030015930	S.RES RMC1/16S-471JTH (470)	T	227.8/11.8
R1254	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	229.4/11.8
R1261	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	232.8/18.6
R1262	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	234.6/18.6
R1263	7030015930	S.RES RMC1/16S-471JTH (470)	T	232.8/11.8
R1264	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	234.4/11.8
R1271	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	237.8/18.6
R1272	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	239.6/18.6
R1273	7030015930	S.RES RMC1/16S-471JTH (470)	T	237.8/11.8
R1274	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	239.4/11.8
R1281	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	242.8/18.6
R1282	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	244.6/18.6
R1283	7030015930	S.RES RMC1/16S-471JTH (470)	T	242.8/11.8
R1284	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	244.4/11.8
R1291	7030015950	S.RES RMC1/16S-152JTH (1.5 k)	T	247.8/18.6
R1292	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	249.6/18.6
R1293	7030015930	S.RES RMC1/16S-471JTH (470)	T	247.8/11.8
R1294	7030015970	S.RES RMC1/16S-103JTH (10 k)	T	249.4/11.8
R1301	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	165.7/3.5
R1302	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	165.7/6.2
R1303	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	165.7/5.3
R1304	7030016050	S.RES RMC1/16S-102JTH (1 k)	T	165.7/4.4
R1305	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	165.7/7.1
R1306	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	165.7/2.6
R1316	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	229.9/3.3
R1324	7030016110	S.RES RMC1/16S-473JTH (47 k)	T	193.0/1.6
R1332	7030015930	S.RES RMC1/16S-471JTH (470)	T	170.1/4.7
R1333	7030015930	S.RES RMC1/16S-471JTH (470)	T	170.1/3.8
R1334	7030015930	S.RES RMC1/16S-471JTH (470)	T	170.1/2.9
R1335	7030015930	S.RES RMC1/16S-471JTH (470)	T	170.1/2.0
R1336	7030015930	S.RES RMC1/16S-471JTH (470)	T	186.0/5.2
R1337	7030015930	S.RES RMC1/16S-471JTH (470)	T	186.0/4.3
R1338	7030015930	S.RES RMC1/16S-471JTH (470)	T	186.0/3.4
R1339	7030015930	S.RES RMC1/16S-471JTH (470)	T	186.0/2.5
R1340	7030015930	S.RES RMC1/16S-471JTH (470)	T	191.5/5.2
R1341	7030015930	S.RES RMC1/16S-471JTH (470)	T	191.5/4.3
R1342	7030015930	S.RES RMC1/16S-471JTH (470)	T	191.5/3.4
R1343	7030015930	S.RES RMC1/16S-471JTH (470)	T	191.5/2.5
R1344	7030015930	S.RES RMC1/16S-471JTH (470)	T	208.0/4.7
R1345	7030015930	S.RES RMC1/16S-471JTH (470)	T	208.0/3.8
R1346	7030015930	S.RES RMC1/16S-471JTH (470)	T	208.0/2.9
R1347	7030015930	S.RES RMC1/16S-471JTH (470)	T	208.0/2.0
R1348	7030015930	S.RES RMC1/16S-471JTH (470)	T	214.1/4.7
R1349	7030015930	S.RES RMC1/16S-471JTH (470)	T	214.1/3.8
R1350	7030015930	S.RES RMC1/16S-471JTH (470)	T	214.1/2.9
R1351	7030015930	S.RES RMC1/16S-471JTH (470)	T	214.1/2.0
R1352	7030015930	S.RES RMC1/16S-471JTH (470)	T	229.9/5.1
R1353	7030015930	S.RES RMC1/16S-471JTH (470)	T	229.9/4.2
C201	4030025370	S.CER GRM033R61C104KE14D	T	125.5/6.9
C202	4030025370	S.CER GRM033R61C104KE14D	T	51.2/7.0
C203	4030025370	S.CER GRM033R61C104KE14D	T	126.9/8.8
C204	4030025370	S.CER GRM033R61C104KE14D	T	133.5/6.9
C205	4030025370	S.CER GRM033R61C104KE14D	T	51.5/9.0
C206	4030025370	S.CER GRM033R61C104KE14D	T	134.9/8.8
C208	4030025370	S.CER GRM033R61C104KE14D	T	117.5/6.9
C209	4030025370	S.CER GRM033R61C104KE14D	T	118.9/8.8
C301	4030022160	S.CER GRM033B31A104KE84D	T	62.7/9.7
C302	4030026000	S.CER GRM033R71E332KA12D	T	66.9/17.4
C303	4030026000	S.CER GRM033R71E332KA12D	T	59.1/17.4
C305	4030022100	S.CER GRM0332C1H100JA01D	T	68.2/20.5
C306	4030022100	S.CER GRM0332C1H100JA01D	T	60.2/20.4
C308	4030022140	S.CER GRM033B31H102KA12D	T	44.3/27.7
C309	4030022140	S.CER GRM033B31H102KA12D	T	124.3/27.7
C431	4030022150	S.CER GRM033B31E103KA12D	T	28.0/20.0
C433	4030022150	S.CER GRM033B31E103KA12D	T	29.0/21.1
C435	4030022150	S.CER GRM033B31E103KA12D	T	105.3/20.0
C436	4030022150	S.CER GRM033B31E103KA12D	T	108.0/21.1
C502	4030022120	S.CER GRM0332C1H470JA01D	T	16.2/10.7
C504	4030022120	S.CER GRM0332C1H470JA01D	T	17.2/10.7
C506	4030022120	S.CER GRM0332C1H470JA01D	T	18.2/10.7
C508	4030022120	S.CER GRM0332C1H470JA01D	T	19.2/10.7
C509	4030022160	S.CER GRM033B31A104KE84D	T	20.3/11.5

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
C512	4030025370	S.CER GRM033R61C104KE14D	T	21.7/11.5
C602	4030025370	S.CER GRM033R61C104KE14D	T	88.1/13.3
C606	4030025370	S.CER GRM033R61C104KE14D	T	89.6/13.3
C608	4030022160	S.CER GRM033B31A104KE84D	T	86.6/13.3
C615	4030025370	S.CER GRM033R61C104KE14D	T	95.8/12.1
C616	4030025300	S.CER GRM0332C1H221JA01D	T	96.3/1.9
C617	4030022160	S.CER GRM033B31A104KE84D	T	96.8/12.1
C618	4030025300	S.CER GRM0332C1H221JA01D	T	97.3/1.9
C620	4030025300	S.CER GRM0332C1H221JA01D	T	98.3/1.9
C621	4030025370	S.CER GRM033R61C104KE14D	T	98.8/12.1
C622	4030025300	S.CER GRM0332C1H221JA01D	T	99.3/1.9
C623	4030025370	S.CER GRM033R61C104KE14D	T	99.8/12.1
C624	4030025370	S.CER GRM033R61C104KE14D	T	100.3/1.9
C625	4030025300	S.CER GRM0332C1H221JA01D	T	100.8/12.1
C626	4030025370	S.CER GRM033R61C104KE14D	T	101.3/1.9
C628	4030022160	S.CER GRM033B31A104KE84D	T	102.3/1.9
C630	4030025370	S.CER GRM033R61C104KE14D	T	103.3/1.9
C631	4030022120	S.CER GRM0332C1H470JA01D	T	103.8/12.1
C632	4030022120	S.CER GRM0332C1H470JA01D	T	104.3/1.9
C633	4030022120	S.CER GRM0332C1H470JA01D	T	104.8/12.1
C634	4030022120	S.CER GRM0332C1H470JA01D	T	105.3/1.9
C635	4030022120	S.CER GRM0332C1H470JA01D	T	105.8/12.1
C636	4030022120	S.CER GRM0332C1H470JA01D	T	106.3/1.9
C638	4030025370	S.CER GRM033R61C104KE14D	T	108.9/13.5
C1101	4030022160	S.CER GRM033B31A104KE84D	T	152.3/8.5
C1102	4030022160	S.CER GRM033B31A104KE84D	T	153.2/10.3
C1103	4030022160	S.CER GRM033B31A104KE84D	T	150.3/8.5
C1106	4030025370	S.CER GRM033R61C104KE14D	T	151.0/26.0
C1111	4030022160	S.CER GRM033B31A104KE84D	T	157.3/8.5
C1112	4030022160	S.CER GRM033B31A104KE84D	T	158.2/10.3
C1113	4030022160	S.CER GRM033B31A104KE84D	T	155.3/8.5
C1116	4030025370	S.CER GRM033R61C104KE14D	T	156.0/26.0
C1121	4030022160	S.CER GRM033B31A104KE84D	T	162.3/8.5
C1122	4030022160	S.CER GRM033B31A104KE84D	T	163.2/10.3
C1123	4030022160	S.CER GRM033B31A104KE84D	T	160.3/8.5
C1126	4030025370	S.CER GRM033R61C104KE14D	T	161.0/26.0
C1131	4030022160	S.CER GRM033B31A104KE84D	T	167.3/8.5
C1132	4030022160	S.CER GRM033B31A104KE84D	T	168.2/10.3
C1133	4030022160	S.CER GRM033B31A104KE84D	T	165.3/8.5
C1136	4030025370	S.CER GRM033R61C104KE14D	T	166.0/26.0
C1141	4030022160	S.CER GRM033B31A104KE84D	T	172.3/8.5
C1142	4030022160	S.CER GRM033B31A104KE84D	T	173.2/10.3
C1143	4030022160	S.CER GRM033B31A104KE84D	T	170.3/8.5
C1146	4030025370	S.CER GRM033R61C104KE14D	T	171.0/26.0
C1151	4030022160	S.CER GRM033B31A104KE84D	T	177.3/8.5
C1152	4030022160	S.CER GRM033B31A104KE84D	T	178.2/10.3
C1153	4030022160	S.CER GRM033B31A104KE84D	T	175.3/8.5
C1156	4030025370	S.CER GRM033R61C104KE14D	T	176.0/26.0
C1161	4030022160	S.CER GRM033B31A104KE84D	T	182.3/8.5
C1162	4030022160	S.CER GRM033B31A104KE84D	T	183.2/10.3
C1163	4030022160	S.CER GRM033B31A104KE84D	T	180.3/8.5
C1166	4030025370	S.CER GRM033R61C104KE14D	T	181.0/26.0
C1171	4030022160	S.CER GRM033B31A104KE84D	T	187.3/8.5
C1172	4030022160	S.CER GRM033B31A104KE84D	T	188.2/10.3
C1173	4030022160	S.CER GRM033B31A104KE84D	T	185.3/8.5
C1176	4030025370	S.CER GRM033R61C104KE14D	T	186.0/26.0
C1181	4030022160	S.CER GRM033B31A104KE84D	T	192.3/8.5
C1182	4030022160	S.CER GRM033B31A104KE84D	T	193.2/10.3
C1183	4030022160	S.CER GRM033B31A104KE84D	T	190.3/8.5
C1186	4030025370	S.CER GRM033R61C104KE14D	T	191.0/26.0
C1191	4030022160	S.CER GRM033B31A104KE84D	T	197.3/8.5
C1192	4030022160	S.CER GRM033B31A104KE84D	T	198.2/10.3
C1193	4030022160	S.CER GRM033B31A104KE84D	T	195.3/8.5
C1194	4030022160	S.CER GRM033B31A104KE84D	T	200.3/8.7
C1196	4030025370	S.CER GRM033R61C104KE14D	T	196.0/26.0
C1201	4030022160	S.CER GRM033B31A104KE84D	T	204.7/8.5
C1202	4030022160	S.CER GRM033B31A104KE84D	T	205.6/10.3
C1203	4030022160	S.CER GRM033B31A104KE84D	T	202.7/8.5
C1206	4030025370	S.CER GRM033R61C104KE14D	T	203.5/26.0
C1211	4030022160	S.CER GRM033B31A104KE84D	T	209.8/8.5
C1212	4030022160	S.CER GRM033B31A104KE84D	T	210.7/10.3
C1213	4030022160	S.CER GRM033B31A104KE84D	T	207.8/8.5
C1216	4030025370	S.CER GRM033R61C104KE14D	T	208.5/26.0
C1221	4030022160	S.CER GRM033B31A104KE84D	T	214.8/8.5
C1222	4030022160	S.CER GRM033B31A104KE84D	T	215.7/10.3
C1223	4030022160	S.CER GRM033B31A104KE84D	T	212.8/8.5
C1226	4030025370	S.CER GRM033R61C104KE14D	T	213.5/26.0
C1231	4030022160	S.CER GRM033B31A104KE84D	T	219.8/8.5
C1232	4030022160	S.CER GRM033B31A104KE84D	T	220.7/10.3
C1233	4030022160	S.CER GRM033B31A104KE84D	T	217.8/8.5
C1236	4030025370	S.CER GRM033R61C104KE14D	T	218.5/26.0
C1241	4030022160	S.CER GRM033B31A104KE84D	T	224.8/8.5
C1242	4030022160	S.CER GRM033B31A104KE84D	T	225.7/10.3
C1243	4030022160	S.CER GRM033B31A104KE84D	T	222.8/8.5
C1246	4030025370	S.CER GRM033R61C104KE14D	T	223.5/26.0
C1251	4030022160	S.CER GRM033B31A104KE84D	T	229.8/8.5
C1252	4030022160	S.CER GRM033B31A104KE84D	T	230.7/10.3
C1253	4030022160	S.CER GRM033B31A104KE84D	T	227.8/8.5
C1256	4030025370	S.CER GRM033R61C104KE14D	T	228.5/26.0
C1261	4030022160	S.CER GRM033B31A104KE84D	T	234.8/8.5
C1262	4030022160	S.CER GRM033B31A104KE84D	T	235.7/10.3
C1263	4030022160	S.CER GRM033B31A104KE84D	T	232.8/8.5
C1266	4030025370	S.CER GRM033R61C104KE14D	T	233.5/26.0
C1271	4030022160	S.CER GRM033B31A104KE84D	T	239.8/8.5
C1272	4030022160	S.CER GRM033B31A104KE84D	T	240.7/10.3
C1273	4030022160	S.CER GRM033B31A104KE84D	T	237.8/8.5
C1276	4030025370	S.CER GRM033R61C104KE14D	T	238.5/26.0
C1281	4030022160	S.CER GRM033B31A104KE84D	T	244.8/8.5
C1282	4030022160	S.CER GRM033B31A104KE84D	T	245.7/10.3
C1283	4030022160	S.CER GRM033B31A104KE84D	T	242.8/8.5
C1286	4030025370	S.CER GRM033R61C104KE14D	T	243.5/26.0
C1291	4030022160	S.CER GRM033B31A104KE84D	T	249.8/8.5
C1292	4030022160	S.CER GRM033B31A104KE84D	T	250.7/10.3
C1293	4030022160	S.CER GRM033B31A104KE84D	T	247.8/8.5

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

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

[CONNECT-A UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
C1294	4030022160	S.CER	GRM033B31A104KE84D	T	251.4/11.8
C1296	4030025370	S.CER	GRM033R61C104KE14D	T	248.4/26.0
C1301	4030022160	S.CER	GRM033B31A104KE84D	T	172.8/4.3
C1302	4030022160	S.CER	GRM033B31A104KE84D	T	194.8/4.3
C1303	4030022160	S.CER	GRM033B31A104KE84D	T	216.8/4.7
C1304	4030022160	S.CER	GRM033B31A104KE84D	T	172.8/3.5
C1305	4030022160	S.CER	GRM033B31A104KE84D	T	194.8/3.5
C1306	4030022160	S.CER	GRM033B31A104KE84D	T	216.8/3.8
C1307	4030022160	S.CER	GRM033B31A104KE84D	T	172.8/2.8
C1308	4030022160	S.CER	GRM033B31A104KE84D	T	194.8/2.8
C1309	4030022160	S.CER	GRM033B31A104KE84D	T	216.8/2.9
C1310	4030022160	S.CER	GRM033B31A104KE84D	T	172.8/2.0
C1311	4030022160	S.CER	GRM033B31A104KE84D	T	194.8/2.0
C1312	4030022160	S.CER	GRM033B31A104KE84D	T	216.8/2.0
C1313	4030022160	S.CER	GRM033B31A104KE84D	T	183.3/4.9
C1314	4030022160	S.CER	GRM033B31A104KE84D	T	205.3/5.4
C1315	4030022160	S.CER	GRM033B31A104KE84D	T	227.2/5.1
C1316	4030022160	S.CER	GRM033B31A104KE84D	T	179.2/7.2
C1317	4030022160	S.CER	GRM033B31A104KE84D	T	201.2/7.2
C1318	4030022160	S.CER	GRM033B31A104KE84D	T	223.2/7.2
C1319	4030022160	S.CER	GRM033B31A104KE84D	T	183.3/4.2
C1320	4030022160	S.CER	GRM033B31A104KE84D	T	205.3/4.5
C1321	4030022160	S.CER	GRM033B31A104KE84D	T	227.2/4.2
C1323	4030022160	S.CER	GRM033B31A104KE84D	T	183.3/3.4
C1324	4030022160	S.CER	GRM033B31A104KE84D	T	205.3/3.6
C1326	4030022160	S.CER	GRM033B31A104KE84D	T	183.3/2.7
C1327	4030022160	S.CER	GRM033B31A104KE84D	T	205.3/2.7
C1501	4030025370	S.CER	GRM033R61C104KE14D	T	246.0/3.4
C1502	4030025370	S.CER	GRM033R61C104KE14D	T	246.6/3.4
C1503	4030025370	S.CER	GRM033R61C104KE14D	T	247.3/3.4
C1504	4030025370	S.CER	GRM033R61C104KE14D	T	247.9/3.4
C1505	4030025370	S.CER	GRM033R61C104KE14D	T	247.7/5.1
C1551	4030025370	S.CER	GRM033R61C104KE14D	T	143.3/17.2
C1552	4030025370	S.CER	GRM033R61C104KE14D	T	143.3/17.8
C1553	4030025370	S.CER	GRM033R61C104KE14D	T	143.3/18.4
C1554	4030025370	S.CER	GRM033R61C104KE14D	T	143.3/19.0
C1555	4030025370	S.CER	GRM033R61C104KE14D	T	145.1/17.2
RL201	6310000150	S.REL	AGN200S09ZK1	T	126.0/14.7
RL202	6310000150	S.REL	AGN200S09ZK1	T	118.0/14.7
RL203	6310000150	S.REL	AGN200S09ZK1	T	51.5/15.0
RL204	6310000150	S.REL	AGN200S09ZK1	T	134.0/14.7
J101	6510024541	CON	TCS5073-2741577		
J102	6510024541	CON	TCS5073-2741577		
J201	6450002520	CON	RL-1515-2(B.B)-L		
J202	6450002520	CON	RL-1515-2(B.B)-L		
J301	6510025940	CON	PJ-3047S		
J302	6510025940	CON	PJ-3047S		
J401	6510022472	S.CON	40FLT-SM2-TB(LF)(SN)(M)	T	98.5/7.0
J402	6510028210	CON	SJ050010 (TMP-J01X-V6)		
J501	6510022022	S.CON	14FLT-SM2-TB(LF)(SN)(M)	T	18.9/4.4
J1101	6510025620	CON	CD6115SA1J0		
J1201	6510025620	CON	CD6115SA1J0		
EP101	6910018930	S.BEA	MPZ2012S601A	T	92.5/17.3
EP301	6910023350	S.BEA	MMZ1005B601CT	T	38.6/27.9
EP302	6910023350	S.BEA	MMZ1005B601CT	T	118.6/27.9
EP431	6910012350	S.BEA	MMZ1608Y 102BT	T	13.0/23.0
EP432	6910012350	S.BEA	MMZ1608Y 102BT	T	15.5/23.0
EP433	6910012350	S.BEA	MMZ1608Y 102BT	T	25.5/23.0
EP434	6910012350	S.BEA	MMZ1608Y 102BT	T	102.1/23.0
EP435	6910012350	S.BEA	MMZ1608Y 102BT	T	95.5/23.0
EP436	6910012350	S.BEA	MMZ1608Y 102BT	T	93.0/23.0
EP437	6910014690	S.BEA	MPZ1608S221A-T	T	28.0/23.0
EP438	6910014690	S.BEA	MPZ1608S221A-T	T	11.6/23.0
EP439	6910014690	S.BEA	MPZ1608S221A-T	T	29.5/23.0
EP440	6910014690	S.BEA	MPZ1608S221A-T	T	20.5/23.0
EP441	6910014690	S.BEA	MPZ1608S221A-T	T	105.3/23.0
EP442	6910014690	S.BEA	MPZ1608S221A-T	T	91.6/23.0
EP443	6910014690	S.BEA	MPZ1608S221A-T	T	108.0/23.0
EP444	6910014690	S.BEA	MPZ1608S221A-T	T	100.5/23.0
EP509	6910019900	S.BEA	MPZ1608S601AT	T	20.3/8.1
EP512	6910019900	S.BEA	MPZ1608S601AT	T	21.7/8.1
EP602	6910019900	S.BEA	MPZ1608S601AT	T	88.8/10.7
EP606	6910019900	S.BEA	MPZ1608S601AT	T	90.3/10.7
EP608	6910019900	S.BEA	MPZ1608S601AT	T	87.3/10.7
EP616	6910018460	S.BEA	MMZ1005Y102C-T	T	96.3/4.0
EP618	6910018460	S.BEA	MMZ1005Y102C-T	T	97.3/4.0
EP620	6910018460	S.BEA	MMZ1005Y102C-T	T	98.3/4.0
EP622	6910018460	S.BEA	MMZ1005Y102C-T	T	99.3/4.0
EP625	6910018460	S.BEA	MMZ1005Y102C-T	T	100.8/10.1
EP638	6910019900	S.BEA	MPZ1608S601AT	T	107.8/11.6
EP1101	6910019900	S.BEA	MPZ1608S601AT	T	151.9/27.1
EP1102	6910019900	S.BEA	MPZ1608S601AT	T	156.9/27.1
EP1103	6910019900	S.BEA	MPZ1608S601AT	T	161.9/27.1
EP1104	6910019900	S.BEA	MPZ1608S601AT	T	166.9/27.1
EP1105	6910019900	S.BEA	MPZ1608S601AT	T	171.9/27.1
EP1106	6910019900	S.BEA	MPZ1608S601AT	T	176.9/27.1
EP1107	6910019900	S.BEA	MPZ1608S601AT	T	181.9/27.1
EP1108	6910019900	S.BEA	MPZ1608S601AT	T	186.9/27.1
EP1109	6910019900	S.BEA	MPZ1608S601AT	T	191.9/27.1
EP1110	6910019900	S.BEA	MPZ1608S601AT	T	196.9/27.1
EP1201	6910019900	S.BEA	MPZ1608S601AT	T	204.5/27.1
EP1202	6910019900	S.BEA	MPZ1608S601AT	T	209.5/27.1
EP1203	6910019900	S.BEA	MPZ1608S601AT	T	214.5/27.1
EP1204	6910019900	S.BEA	MPZ1608S601AT	T	219.5/27.1
EP1205	6910019900	S.BEA	MPZ1608S601AT	T	224.4/27.1
EP1206	6910019900	S.BEA	MPZ1608S601AT	T	229.5/27.1
EP1207	6910019900	S.BEA	MPZ1608S601AT	T	234.5/27.1
EP1208	6910019900	S.BEA	MPZ1608S601AT	T	239.5/27.1
EP1209	6910019900	S.BEA	MPZ1608S601AT	T	244.5/27.1
EP1210	6910019900	S.BEA	MPZ1608S601AT	T	249.3/27.1

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H/V LOCATION= Shows mounting location on the PCB.

[CONNECT-B UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
IC301	1130018320	S.IC	SN74LVC3G14DCTR	T	72.8/25.1
Q305	1510001200	S.TRA	L2SA1576ART1G	T	67.4/29.9
Q308	1530004140	S.TRA	L2SC4081RT1G	T	68.7/34.5
Q501	1530004140	S.TRA	L2SC4081RT1G	T	31.0/33.7
Q502	1530004140	S.TRA	L2SC4081RT1G	T	38.9/33.7
D302	1750001810	S.DIO	L1SS400T1G	T	66.5/35.8
D501	1750001810	S.DIO	L1SS400T1G	T	33.0/36.5
D502	1750001810	S.DIO	L1SS400T1G	T	39.3/36.5
R103	7030015910	S.RES	RMC1/16S-101JTH (100)	T	23.5/21.2
R104	7030015910	S.RES	RMC1/16S-101JTH (100)	T	25.5/21.2
R301	7030016250	S.RES	RMC1/16S-220JTH (22)	T	68.5/24.7
R302	7030016250	S.RES	RMC1/16S-220JTH (22)	T	68.5/25.7
R305	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	68.5/26.6
R309	7030016020	S.RES	RMC1/16S-104JTH (100 k)	T	68.5/23.8
R313	7030015970	S.RES	RMC1/16S-103JTH (10 k)	T	68.5/27.5
R314	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	70.0/29.9
R317	7030016360	S.RES	RMC1/16S-123JTH (12 k)	T	68.8/31.7
R319	7030016380	S.RES	RMC1/16S-183JTH (18 k)	T	66.5/33.4
R501	7030015930	S.RES	RMC1/16S-471JTH (470)	T	33.4/35.5
R502	7030015930	S.RES	RMC1/16S-471JTH (470)	T	36.4/35.5
R503	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	33.4/34.6
R504	7030016110	S.RES	RMC1/16S-473JTH (47 k)	T	36.4/34.6
R505	7030016120	S.RES	RMC1/16S-682JTH (6.8 k)	T	31.7/35.5
R506	7030016120	S.RES	RMC1/16S-682JTH (6.8 k)	T	38.2/35.5
R507	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	29.1/33.9
R508	7030016290	S.RES	RMC1/16S-222JTH (2.2 k)	T	40.7/33.5
R1001	7030016370	S.RES	RMC1/16S-271JTH (270)	T	61.3/36.2
R1002	7030016370	S.RES	RMC1/16S-271JTH (270)	T	44.8/36.2
C101	4030022160	S.CER	GRM033B31A104KE84D	T	31.5/25.3
C103	4030022160	S.CER	GRM033B31A104KE84D	T	23.5/25.3
C104	4030022160	S.CER	GRM033B31A104KE84D	T	25.5/25.3
C106	4030022160	S.CER	GRM033B31A104KE84D	T	43.3/24.4
C107	4030022160	S.CER	GRM033B31A104KE84D	T	45.3/24.4
C109	4030025300	S.CER	GRM0332C1H221JA01D	T	27.5/25.3
C110	4030025300	S.CER	GRM0332C1H221JA01D	T	29.5/25.3
C111	4510010570	S.ELE	16 CE 470 LX	T	72.9/6.5
C112	4510010570	S.ELE	16 CE 470 LX	T	63.9/6.5
C301	4030022160	S.CER	GRM033B31A104KE84D	T	71.2/22.7
C302	4030026000	S.CER	GRM033R71E332KA12D	T	68.7/32.6
C305	4030022100	S.CER	GRM0332C1H100JA01D	T	67.8/36.6
C308	4030022140	S.CER	GRM033B31H102KA12D	T	70.4/35.8
C501	4030022160	S.CER	GRM033B31A104KE84D	T	42.1/36.5
C502	4030022160	S.CER	GRM033B31A104KE84D	T	29.7/36.5
J301	6510025940	CON	PJ-3047S		
J501	6510025940	CON	PJ-3047S		
J1001	6510018941	S.CON	B13B-PH-SM4-TB(LF)(SN)	T	55.3/17.0
J1002	6510034960	CON	TM11R-5M2-88-LP(70)		
J1003	6510015541	S.CON	B4B-ZR-SM4-TF(LF)(SN)	T	77.0/14.5
J2001	6510030810	S.CON	B15B-PH-SM4-TB(LF)(SN)	T	21.5/17.0
J2002	6510035240	S.CON	IX61G-B-10P	T	19.0/46.4
DS1001	5040003590	S.LED	SML-D12P8WT86	T	58.6/35.7
DS1002	5040003590	S.LED	SML-D12P8WT86	T	47.5/35.7
EP101	6910023820	S.BEA	MPZ2012S101A-T	T	31.5/21.5
EP106	6910023350	S.BEA	MMZ1005B601CT	T	43.3/21.6
EP107	6910023350	S.BEA	MMZ1005B601CT	T	45.3/21.6
EP109	6910018460	S.BEA	MMZ1005Y102C-T	T	27.5/21.2
EP110	6910018460	S.BEA	MMZ1005Y102C-T	T	29.5/21.2
EP301	6910023350	S.BEA	MMZ1005B601CT	T	64.9/37.1
EP501	6910023350	S.BEA	MMZ1005B601CT	T	40.9/37.0
EP502	6910023350	S.BEA	MMZ1005B601CT	T	31.1/37.0

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H/V LOCATION= Shows mounting location on the PCB.

[INPUT UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
J3	6510030720	CON J810020FL		
J4	6510030720	CON J810020FL		

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= Shows mounting location on the PCB.

[LINE-FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
L1	6140006080	COI LR-660		
EP1	6910028710	E.O OT-048-M4		

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= Shows mounting location on the PCB.

[AC-FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION	M.	H/V LOCATION
L1	6190002880	COI SC-15-12J-MI		
C1	4310000990	MYL PA474L		
EP1	6910031130	E.O F2207		
EP2	6910031130	E.O F2207		
EP3	6910031130	E.O F2207		
EP4	6910031130	E.O F2207		

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= Shows mounting location on the PCB.

[REGRELAY UNIT]

REF NO.	PART NO.	DESCRIPTION		M.	H/V LOCATION
Q1	1510001200	S.TRA	L2SA1576ART1G	T	233.9/30.5
D1	1750001810	S.DIO	L1SS400T1G	T	144.4/32.3
D2	1750001810	S.DIO	L1SS400T1G	T	225.2/21.2
D3	1750001810	S.DIO	L1SS400T1G	T	48.4/32.6
D4	1750004730	S.ZEN	UDZVUTE-173.3B	T	231.3/28.6
D5	1750001810	S.DIO	L1SS400T1G	T	225.2/7.7
D6	1750001810	S.DIO	L1SS400T1G	T	65.0/32.6
L1	6200017690	S.COI	NLV32T-101J-EF	T	141.4/31.5
L2	6200017690	S.COI	NLV32T-101J-EF	T	225.0/17.7
L3	6200017690	S.COI	NLV32T-101J-EF	T	48.2/28.7
L4	6200017690	S.COI	NLV32T-101J-EF	T	228.0/7.0
L5	6200017690	S.COI	NLV32T-101J-EF	T	64.6/28.7
R1	7100000980	RES	RWBS20J 30		
R2	7100000980	RES	RWBS20J 30		
R3	7030015190	S.RES	RMC1/16-332JTP (3.3 k)	T	228.9/27.6
R4	7030023780	S.RES	RMC1/2-820JTE (82)	T	135.3/31.5
R5	7030023760	S.RES	RMC1/2-390JTE (39)	T	231.7/15.7
R6	7030023760	S.RES	RMC1/2-390JTE (39)	T	67.8/28.8
C1	4030024040	S.CER	0603B472K500CT	T	145.7/32.3
C2	4030024040	S.CER	0603B472K500CT	T	223.9/21.2
C3	4030024040	S.CER	0603B472K500CT	T	47.1/32.5
C4	4030024040	S.CER	0603B472K500CT	T	228.9/29.6
C5	4510010300	S.ELE	16 CE 470 AX	T	231.6/21.9
C6	4030024040	S.CER	0603B472K500CT	T	223.9/7.7
C7	4030024040	S.CER	0603B472K500CT	T	63.7/32.5
RL1	6330002100	REL	FTR-K1AK012T		
RL2	6330002000	REL	G2RL-1A DC12		
RL3	6330002000	REL	G2RL-1A DC12		
RL4	6330002000	REL	G2RL-1A DC12		
RL5	6330002000	REL	G2RL-1A DC12		
J1	6510022191	S.CON	B3B-PH-SM4-TB(LF)(SN)	T	244.9/19.9
EP5	6910020720	E.O	OT-047 M4		
EP6	6910020720	E.O	OT-047 M4		
EP7	6910020720	E.O	OT-047 M4		
EP8	6910020720	E.O	OT-047 M4		

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

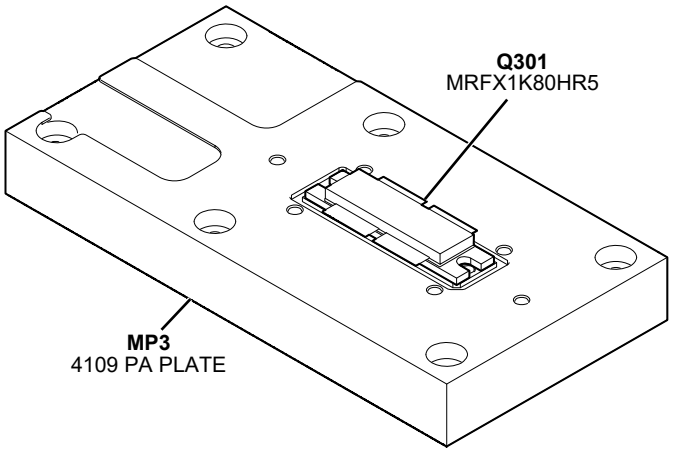
M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
H/V LOCATION= Shows mounting location on the PCB.

SECTION 7 SPARE PARTS AND UNITS

■ ASSEMBLED POWER AMPLIFIER

Spare unit name	Order Number	Applicable Version	Remarks
C PW2 #12 PA-FINAL	0341091201	ALL	–

See the illustrations below for the individual parts.



Caution: They are jointed together by a special soldering method.

SECTION 8 MECHANICAL PARTS

[CHASSIS UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J1	6510028441	MR-DSE-02-2	1
J2	6510028441	MR-DSE-02-2	1
J101	6510028430	MR-DSE-02 (AG)-1	1
J201	6510028430	MR-DSE-02 (AG)-1	1
J301	6510028430	MR-DSE-02 (AG)-1	1
J401	6510028430	MR-DSE-02 (AG)-1	1
J501	6510028430	MR-DSE-02 (AG)-1	1
J601	6510028430	MR-DSE-02 (AG)-1	1
F1	5210000630	W28XQ1A 20A	1
F2	5210000630	W28XQ1A 20A	1
R1	7120000810	RES THS50120RJ(4-1879071-0)	1
R2	7120000810	RES THS50120RJ(4-1879071-0)	1
C1	4560000201	CER RDER72A105K2K1H03B	1
MF15	2710001020	MGT6012HR-O15	1
W1**	8920006010	CAB-1407	1
W2**	8920006000	CAB-1408	1
W3**	8920005990	CAB-1712	1
W4**	8920005980	CAB-1713	1
W5**	8920005970	CAB-1714	1
W6**	8920006071	CAB-1715-1	1
W7**	8920005960	CAB-1716	1
W8**	8900012904	OPC-1345R-3	1
W9**	8900012904	OPC-1345R-3	1
W10**	8920005951	CAB-1726-1	1
W11**	8920006200	CAB-1743	1
W12**	8920006100	CAB-1735	1
W13**	8920005930	CAB-1722	1
W14**	8920005920	CAB-1723	1
W15**	8920005910	CAB-1724	1
W16**	8920005900	CAB-1725	1
W17**	8920005890	CAB-1720	1
W18**	8920005890	CAB-1720	1
W21**	8970025780	1.5D COAXIAL 330MM (A)-2 (T) C31/C31	1
W23**	8970024851	1.5D COAXIAL 750MM-1 (P) C31/C31	1
W25**	8970024851	1.5D COAXIAL 750MM-1 (P) C31/C31	1
W31**	8900018750	OPC-1968 (P0.5N14L60)	1
W32**	8910000570	FFC-1061	1
W33**	8900018810	OPC-197	1
W34**	8900020210	OPC-2099	1
W35**	8900014871	OPC-1332A-1	1
W41**	8920006150	CAB-1729	1
W42**	8920006210	CAB-1744	1
W43**	8920006490	CAB-1776	1
W44**	8920006500	CAB-1777	1
W45**	8920006510	CAB-1778	1
W46**	8920006550	CAB-1782	1
W48**	8920006470	CAB-1770	1
W49**	8920006460	CAB-1771	1
EP1	6950000410	FGA21M-11B	1
EP2	6910021650	ZCAT2235-1030A-BK	1
EP3	6910021650	ZCAT2235-1030A-BK	1
EP4	6910011960	ZCAT1518-0730	1
EP5	6910030781	AK2400W-SCN-52-1	1
EP6	6910030770	AK35W-LSM-15	1
EP7	6910021650	ZCAT2235-1030A-BK	1
EP8	6910021650	ZCAT2235-1030A-BK	1
EP9	6910027910	ZCAT2017-0930	1
EP11	6910031010	A4250-9105B	6
EP12	6910031140	T4050-9805	1
EP13	6510020370	1.25-M4	2
MP1	8210035150	4109 FRONT PANEL	1
MP2	8930109870	4109 SHEET	1
MP3	8930103440	4109 RELEASE BUTTON	1
MP4	8930079150	COIL SPRING (AL)	2
MP5	8010025331	4109 SUB CHASSIS-1 (NC)	1
MP6	8930096230	HIMELON SHEET (DY)	2
MP7	8950003640	CS-2 UL	1
MP8	8010025321	4109 MAIN CHASSIS-1 (NC)	1
MP9	8010026300	4109 MAIN-D CHASSIS (NC)	1
MP10	8930109810	4109 SUB-DC HOLDER (NC)	1
MP11	8930109970	4109 DC-SHIELD PLATE (NC)	1
MP12	8510023120	4109 TUNER COVER (NC)	1
MP13	8110012520	4109 TUNER A-COVER (NC)	1
MP14	8950009190	EDS-1208U	2
MP15	8510023130	4109 FILTER COVER (NC)	1
MP16	8930057240	INSULATION SHEET GU	1
MP17	8930110130	4109 FILTER SPONGE	1
MP18	8930108850	HIMELON SHEET (FA)	1
MP19	8930103530	4109 REAR PLATE (NC)	1
MP20	8110011800	4109 U-COVER (NC)	1
MP21	8930103980	4109 NET SHEET	1
MP22	8930109820	4109 NET-A SHEET	2

REF NO.	PART NO.	DESCRIPTION	QTY.
MP23	8930109830	4109 NET-B SHEET	2
MP24	8930109840	4109 NET-C SHEET	2
MP25	8110011810	4109 L-COVER (NC)	1
MP26	8930091360	2590 MAIN STAND (B) ASSEMBLY	2
MP28	8930011680	RUBBER LEG (G)	2
MP31	8810008661	PHBT M3 × 8 NI-ZC3	10
MP32	8810007131	SET SCREW H M3 × 6 ZC3	9
MP33	8810007131	SET SCREW H M3 × 6 ZC3	2
MP34	8810002171	FLAT M3 × 6 ZC3	4
MP35	8810002171	FLAT M3 × 6 ZC3	2
MP36	8810010660	SET SCREW H M4 × 8 ZC3	4
MP37	8810007131	SET SCREW H M3 × 6 ZC3	2
MP38	8810007131	SET SCREW H M3 × 6 ZC3	2
MP39	8810002171	FLAT M3 × 6 ZC3	2
MP40	8810007131	SET SCREW H M3 × 6 ZC3	4
MP41	8810007131	SET SCREW H M3 × 6 ZC3	10
MP42	8810007131	SET SCREW H M3 × 6 ZC3	11
MP43	8810007131	SET SCREW H M3 × 6 ZC3	6
MP44	8810007131	SET SCREW H M3 × 6 ZC3	2
MP45	8810007131	SET SCREW H M3 × 6 ZC3	15
MP46	8810007231	SET SCREW H M3 × 8 ZC3	1
MP47	8810007131	SET SCREW H M3 × 6 ZC3	6
MP48	8810007131	SET SCREW H M3 × 6 ZC3	8
MP49	8810007131	SET SCREW H M3 × 6 ZC3	4
MP50	8810004431	PH M3 × 6 ZK3	12
MP51	8810007131	SET SCREW H M3 × 6 ZC3	6
MP52	8810004431	PH M3 × 6 ZK3	4
MP53	8810009991	PHBT M3 × 8 NI-ZK3	2
MP54	8810007131	SET SCREW H M3 × 6 ZC3	2
MP55	8810004431	PH M3 × 6 ZK3	4
MP56	8810008661	PHBT M3 × 8 NI-ZC3	8
MP57	8810002171	FLAT M3 × 6 ZC3	4
MP58	8810008160	HEX BOLT M5 × 18 NI (+)	1
MP59	8830000211	NUT M5 BS-CD NI	1
MP60	8850000440	S-WASHER M5 NI	2
MP61	8850000150	FLAT WASHER M5 NI BS	4
MP62	8830000360	NUT M5 NI	1
MP63	8850001561	STAR WASHER M4 ZC3	1
MP64	8810010660	SET SCREW H M4 × 8 ZC3	1
MP65	8820002140	SCREW M4 × 8 ZK3	2
MP66	8810000650	PH M4 × 12 SUS	2
MP67	8820002140	SCREW M4 × 8 ZK3	20
MP68	8810007231	SET SCREW H M3 × 8 ZC3	2
MP69	8810007131	SET SCREW H M3 × 6 ZC3	2
MP71	8930081580	3315 B-ANT PLATE	1
MP72	8810007131	SET SCREW H M3 × 6 ZC3	2
MP73	8810004861	PH M2 × 6 ZK3	1
MP74	8930081580	3315 B-ANT PLATE	1
MP75	8810007131	SET SCREW H M3 × 6 ZC3	2
MP76	8810004861	PH M2 × 6 ZK3	1
MP77	8930081580	3315 B-ANT PLATE	1
MP78	8810007131	SET SCREW H M3 × 6 ZC3	2
MP79	8810004861	PH M2 × 6 ZK3	1
MP80	8810010660	SET SCREW H M4 × 8 ZC3	4
MP81	8930113130	4109 REGRELAY SHEET	1
MP82	8110012730	4109 REGRELAY COVER (NC)	1
MP83	8930075640	STUD (BW)	4
MP84	8810007131	SET SCREW H M3 × 6 ZC3	4
MP85	8810010660	SET SCREW H M4 × 8 ZC3	4
MP92	8930109910	SHIELD SPONGE (FJ)	1
MP93	8930057790	SHIELD SPONGE (K)	1
MP94	8930074742	SHIELD SPONGE (CE)-2	3
MP99	8930062952	SHIELD SPONGE (AF)-2	3
MP100	8930074742	SHIELD SPONGE (CE)-2	4
MP102	8950010030	FT3	1
MP103	8950003640	CS-2 UL	1
MP104	8810007131	SET SCREW H M3 × 6 ZC3	1
MP105	8950003640	CS-2 UL	1
MP107	8930071690	PJ-13B	1
MP108	8950003640	CS-2 UL	1
MP109	8950003640	CS-2 UL	4
MP110	8810007131	SET SCREW H M3 × 6 ZC3	4
MP111	8930110290	HIMELON SHEET (FB)	1
MP113	8930090940	PA-30B	1
MP114	8930072740	HIMELON SHEET (CV)	1
MP115	8930088580	HIMELON SHEET (DD)	1
MP116	8950010030	FT3	1
MP118	8930070511	THERMALLY SHEET (BF)-1 TC600CAS 14.5 × 19	6
MP119	8810012260	SET SCREW H M4 × 20 SUS	4
MP120	8950009530	SL-5N KX17.9K	1
MP121	8810010660	SET SCREW H M4 × 8 ZC3	1
MP122	8930071690	PJ-13B	1
MP123	8930070511	THERMALLY SHEET (BF)-1 TC600CAS 14.5 × 19	7
MP124	8930090940	PA-30B	1
MP130	8810010660	SET SCREW H M4 × 8 ZC3	4
MP132	8110012670	4109 DC L-COVER (NC)	1
MP133	8810010660	SET SCREW H M4 × 8 ZC3	6
MP134	8930063270	2590 EARTH SPRING	3
MP135	8110012680	4109 FILTER A-COVER (NC)	1
MP136	8930100110	SPONGE (PU)	1
MP137	8930099350	HIMELON SHEET (EE)	1
MP138	8930060140	HIMELON SHEET (CI)	2
MP139	8930082542	SHIELD SPONGE (CS)-2	2
MP141	8930111730	WSU-350SP	1
MP142	8810004341	CAP BOLT M3 × 6 ZK3 BLACK	1
MP143	8930112090	4109 AL-B SHEET	1

*: Refer to “BOARD LAYOUTS” for the location.

**: Refer to “GENERAL WIRING” for the connection

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

[CHASSIS UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
MP144	8930091821	SHIELD SPONGE (DH)-1	4
MP145	8930104500	MAGNETIC SHIELD (D)	1
MP147	8930112100	4109 DC INSULATION SHEET	1
MP148	8930112080	4109 AL-A SHEET	1
MP150	8930112161	4109 INSULATION SHEET-1	6
MP151	8930082542	SHIELD SPONGE (CS)-2	1
MP152	8930091821	SHIELD SPONGE (DH)-1	2
MP155	8930085720	SPONGE (LV)	2
MP156	8930091810	SPONGE (NE)	1
MP157	8930074910	SPONGE (JZ)	2
MP162	8930113040	4109 REAR ANGLE (NC)	1
MP163	8810007131	SET SCREW H M3 × 6 ZC3	3
MP164	8810009991	PHBT M3 × 8 NI-ZK3	2
MP165	8930072580	SPONGE (JO)	1
MP166	8930063792	SHIELD SPONGE (AI)-2	1
MP167	8930082542	SHIELD SPONGE (CS)-2	1
MP168	8930096110	SPONGE (OT)	2
MP169	8930100110	SPONGE (PU)	1
MP170	8930096110	SPONGE (OT)	2

[CONTROL UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
DS1	5030004620	M9-2367TXW-1	1
SP551	2510002250	036D08018	1
MP1	8210036760	4109 C-FRONT PANEL ASSEMBLY	1
MP2	8210036750	4109 C-REAR PANEL ASSEMBLY	1
MP3	8610016900	KNOB K-326 ASSEMBLY	1
MP4	8610016910	KNOB K-327 ASSEMBLY	1
MP5	8610016620	KNOB K-328	2
MP10	8930103570	4109 SP HOLDER (NC)	1
MP11	8930104880	HIMELON SHEET (EV)	1
MP12	8930109880	4109 LCD SHEET	1
MP13	8930113030	4109 A-LCD SPONGE	1
MP14	8310081740	3393 NAME PLATE	1
MP15	8930096930	SPONGE (PB)	1
MP17	6910018710	NDRDYH-15060304	2
MP18	8930110430	INSULATION SHEET (PT)	2
MP19	8930110680	INSULATION SHEET (PV)	1
MP21	8810009561	PHBT M2 × 6 NI-ZK3	4
MP22	8810009561	PHBT M2 × 6 NI-ZK3	2
MP23	8810009561	PHBT M2 × 6 NI-ZK3	6
MP24	8810009611	FLAT M2.6 × 6 ZK3	2
MP25	8930088620	HIMELON SHEET (DG)	1
MP26*	8930088331	FERRITE SHEET (AM)-1	1

[DISPLAY UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J101*	6510033810	AYF564035	1
J102*	6510029490	10FLZ-SM2-TB (LF) (SN)	1
J701*	6510034960	TM11R-5M2-88-LP (70)	1
J702*	6510033230	4109 FRONT CONNECTOR	1
S11*	2260002740	LS8J2M-T	1
S21*	2260002740	LS8J2M-T	1
S31*	2260002740	LS8J2M-T	1
S41*	2260002740	LS8J2M-T	1
S51*	2260002740	LS8J2M-T	1
S61*	2260002740	LS8J2M-T	1
S71*	2260002740	LS8J2M-T	1
S81*	2260002740	LS8J2M-T	1
S91*	2260002740	LS8J2M-T	1
S92*	2260002740	LS8J2M-T	1
S1301*	2230001591	LS38J2F-T	1
MP101*	6910014760	OG-503040	1
MP102*	6910014760	OG-503040	1
MP121*	8510019650	3250 VCO CASE	1
MP551*	8510017610	OG-542925	1
MP552*	8510017610	OG-542925	1
MP601*	8510019650	3250 VCO CASE	1

[MAIN UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J1*	6510033240	4109 REAR CONNECTOR	1
J2*	6510030810	B15B-PH-SM4-TB (LF) (SN)	1
J11*	6510018941	B13B-PH-SM4-TB (LF) (SN)	1
J102*	6510028210	SJ050010 (TMP-J01X-V6)	1
J201*	6510033330	24FLT-SM2-TB (LF) (SN) (M)	1
J301*	6510035220	S15B-PH-SM4-TB (LF) (SN)	1
J401*	6510022472	40FLT-SM2-TB (LF) (SN) (M)	1
J501*	6510030800	BM20B-SHLDS-G-TFT (LF) (SN)	1
J601*	6510023261	B6B-PH-SM4-TB (LF) (SN)	1
J651*	6510018971	B4B-PH-SM4-TB (LF) (SN)	1
J652*	6510018961	B2B-PH-SM4-TB (LF) (SN)	1
J661*	6510022191	B3B-PH-SM4-TB (LF) (SN)	1
J701*	6510024522	12FLT-SM2-TB (LF) (SN) (M)	1
J2301*	6510025142	10FLT-SM2-TB (LF) (SN) (M)	1
J2801	6510021861	BH-800.4GG	1
S1*	2230001591	LS38J2F-T	1
S601*	2220000820	JSS1210-0911FC	1
S2401*	2230001591	LS38J2F-T	1
T3401*	5920000990	H1102FNLT	1
BT2801	3020000110	CR-2032L/BK	1
MP1101*	8510019341	3179 VCO CASE-1	1
MP1102	8510019351	3179 VCO COVER-1	1
MP1201*	8510021680	3697 VCO CASE	1
MP1202	8510018160	2969 B-VCO COVER	1
MP1203*	8930055983	SHIELD SPONGE (F)-3	1
MP1401*	8510021680	3697 VCO CASE	1
MP1402	8510018160	2969 B-VCO COVER	1
MP1701*	8510021680	3697 VCO CASE	1
MP1702	8510018160	2969 B-VCO COVER	1
MP1703*	8930055983	SHIELD SPONGE (F)-3	1

[PA UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
MF1	2710001220	DC0802512U2B-2T	1
MF2	2710001220	DC0802512U2B-2T	1
EP1	6910030761	60EX172L289D-ZK-1	1
MP2	8930103580	4109 PA-A PLATE	1
MP4	8930103550	4109 PA ANGLE (NC)	1
MP5	8110012510	4109 FAN COVER (NC)	2
MP6	8930109850	4109 DC PLATE (NC)	2
MP7	8950003640	CS-2 UL	1
MP8	8950003640	CS-2 UL	1
MP11	8810007131	SET SCREW H M3 × 6 ZC3	2
MP12	8810011180	SET SCREW (H) 3 × 20 ZK3	6
MP13	8810002171	FLAT M3 × 6 ZC3	8
MP14	8810007131	SET SCREW H M3 × 6 ZC3	6
MP15	8820000551	CAP BOLT M4 × 8 ZK3	4
MP16	8810007131	SET SCREW H M3 × 6 ZC3	7
MP17	8810008490	SET SCREW H M2.6 × 8 NI	2
MP18	8810008490	SET SCREW H M2.6 × 8 NI	2
MP19	8810008490	SET SCREW H M2.6 × 8 NI	2
MP20	8810007131	SET SCREW H M3 × 6 ZC3	4
MP21	8810008490	SET SCREW H M2.6 × 8 NI	2
MP22	8810008490	SET SCREW H M2.6 × 8 NI	2
MP23	8810010660	SET SCREW H M4 × 8 ZC3	4
MP24	8930113080	4109 A-PA ANGLE (NC)	1

[PA-G UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J121*	6510033120	RCA-008A	1
J141*	6510030720	J810020FL	1
J142*	6510030720	J810020FL	1
J171*	6510028210	SJ050010 (TMP-J01X-V6)	1
J172*	6510028210	SJ050010 (TMP-J01X-V6)	1
J173*	6510028210	SJ050010 (TMP-J01X-V6)	1
J411*	6510018961	B2B-PH-SM4-TB (LF) (SN)	1
J451*	6450003050	22041021 (5045-02A)	1
J452*	6450003050	22041021 (5045-02A)	1
J501*	6510030800	BM20B-SHLDS-G-TFT (LF) (SN)	1
J502*	6510028210	SJ050010 (TMP-J01X-V6)	1
EP421*	6910028710	OT-048-M4	1
EP422*	6910028710	OT-048-M4	1
EP423*	6910030600	TH-0.8-4.5-M4	1
EP424*	6910030600	TH-0.8-4.5-M4	1

*: Refer to “BOARD LAYOUTS” for the location.

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

[FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J1	6450003020	TNC-R-S-AI	1
J2*	6510030720	J810020FL	1
J11	6450003020	TNC-R-S-AI	1
J551*	6510028210	SJ050010 (TMP-J01X-V6)	1
J601*	6510033330	24FLT-SM2-TB (LF) (SN) (M)	1
EP1*	6910030590	TH-1.6-5.0-M2	1
EP2*	6910030590	TH-1.6-5.0-M2	1
EP3*	6910030590	TH-1.6-5.0-M2	1
EP4*	6910030590	TH-1.6-5.0-M2	1
EP11*	6910030590	TH-1.6-5.0-M2	1
EP12*	6910030590	TH-1.6-5.0-M2	1
EP13*	6910030590	TH-1.6-5.0-M2	1
EP14*	6910030590	TH-1.6-5.0-M2	1
MP1	8810004861	PH M2 × 6 ZK3	4
MP11	8810004861	PH M2 × 6 ZK3	4
MP12*	8930071160	2427 F-EARTH SPRING	1
MP141*	8510017600	OG-363050	1
MP142*	8510017600	OG-363050	1
MP143*	8510017600	OG-363050	1

[TUNER UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J802*	6510021722	30FLT-SM2-TB (LF) (SN) (M)	1
J951*	6510035220	S15B-PH-SM4-TB (LF) (SN)	1
EP1*	6910027930	TH-1.6-M2	1
EP2*	6910030580	TH-1.6-M3	1
EP3*	6910030580	TH-1.6-M3	1
EP11*	6910027930	TH-1.6-M2	1
EP12*	6910030580	TH-1.6-M3	1
EP13*	6910030580	TH-1.6-M3	1
MP3	8510022230	3818 RELAY CASE	1
MP121	8510021460	3615 DDS CASE	1
MP701	8510021460	3615 DDS CASE	1

[ANT-SW UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J3*	6510022022	14FLT-SM2-TB (LF) (SN) (M)	1
J11	6450003020	TNC-R-S-AI	1
J51*	6510028210	SJ050010 (TMP-J01X-V6)	1
EP11*	6910030590	TH-1.6-5.0-M2	1
EP12*	6910030590	TH-1.6-5.0-M2	1
EP13*	6910030590	TH-1.6-5.0-M2	1
EP14*	6910030590	TH-1.6-5.0-M2	1
MP11	8810004861	PH M2 × 6 ZK3	4

[SD UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J1*	6510034190	DM1AA-SF-PEJ (82)	1
J2*	6510024522	12FLT-SM2-TB (LF) (SN) (M)	1

[PA-D UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
W331*	7120000480	MJP-0.4-T	1
W341*	7120000480	MJP-0.4-T	1
EP301*	6910027930	TH-1.6-M2	1
EP302*	6910030580	TH-1.6-M3	1
EP303*	6910030580	TH-1.6-M3	1
EP425*	6910030600	TH-0.8-4.5-M4	1
EP426*	6910030600	TH-0.8-4.5-M4	1

[JOINT UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J1*	6510035270	046240-040-003-800/+	1
J2*	6510035270	046240-040-003-800/+	1

[CONNECT-A UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J101*	6510024541	TCS5073-2741577	1
J102*	6510024541	TCS5073-2741577	1
J201*	6450002520	RL-1515-2 (B.B)-L	1
J202*	6450002520	RL-1515-2 (B.B)-L	1
J301*	6510025940	PJ-3047S	1
J302*	6510025940	PJ-3047S	1
J401*	6510022472	40FLT-SM2-TB (LF) (SN) (M)	1
J402*	6510028210	SJ050010 (TMP-J01X-V6)	1
J501*	6510022022	14FLT-SM2-TB (LF) (SN) (M)	1
J1101*	6510025620	CD6115SA1J0	1
J1201*	6510025620	CD6115SA1J0	1

[CONNECT-B UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J301*	6510025940	PJ-3047S	1
J501*	6510025940	PJ-3047S	1
J1001*	6510018941	B13B-PH-SM4-TB (LF) (SN)	1
J1002*	6510034960	TM11R-5M2-88-LP (70)	1
J1003*	6510015541	B4B-ZR-SM4-TF (LF) (SN)	1
J2001*	6510030810	B15B-PH-SM4-TB (LF) (SN)	1
J2002*	6510035240	IX61G-B-10P	1

[INPUT UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
J3*	6510030720	J810020FL	1
J4*	6510030720	J810020FL	1

[LINE-FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
EP1*	6910028710	OT-048-M4	2

[AC-FILTER UNIT]

REF NO.	PART NO.	DESCRIPTION	QTY.
EP1*	6910031130	F2207	1
EP2*	6910031130	F2207	1
EP3*	6910031130	F2207	1
EP4*	6910031130	F2207	1

[REGRELAY UNIT]

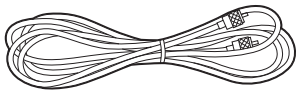
REF NO.	PART NO.	DESCRIPTION	QTY.
J1*	6510022191	B3B-PH-SM4-TB (LF) (SN)	1
EP5*	6910020720	OT-047 M4	1
EP6*	6910020720	OT-047 M4	1
EP7*	6910020720	OT-047 M4	1
EP8*	6910020720	OT-047 M4	1

*: Refer to “BOARD LAYOUTS” for the location.

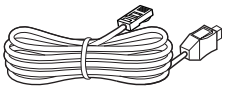
Screw abbreviations A, B0, BT: Self-tapping PH: Pan head BS: Brass NI: Nickel ZU: Zinc SUS: Stainless

[SUPPLIED ACCESSORIES]

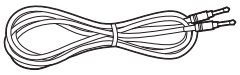
REF NO.	PART NO.	DESCRIPTION	QTY.
W1	8900002261	OPC-104B-1	1
W2	8900021710	OPC-125B-1	1
W3	8900007291	OPC-718-1	1
W4	8920005880	CAB-1416	1
EP1	6510020330	5.5-5 PIN	1
MP4	8010025340	4109 BRACKET (NC)	1
MP5	8930103540	4109 PLATE (NC)	1
MP6	8930100190	LEG CUSHION (Q)	4
MP7	8930106030	SPONGE (RT)	2
MP8	8930110760	HIMELON SHEET (FC)	2



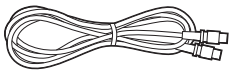
W2



W4



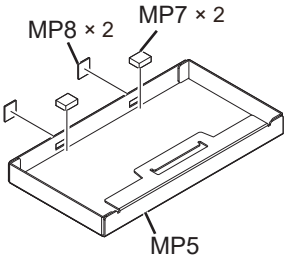
W3



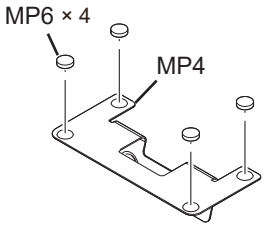
W1

EP1

● **Dummy panel assembly**

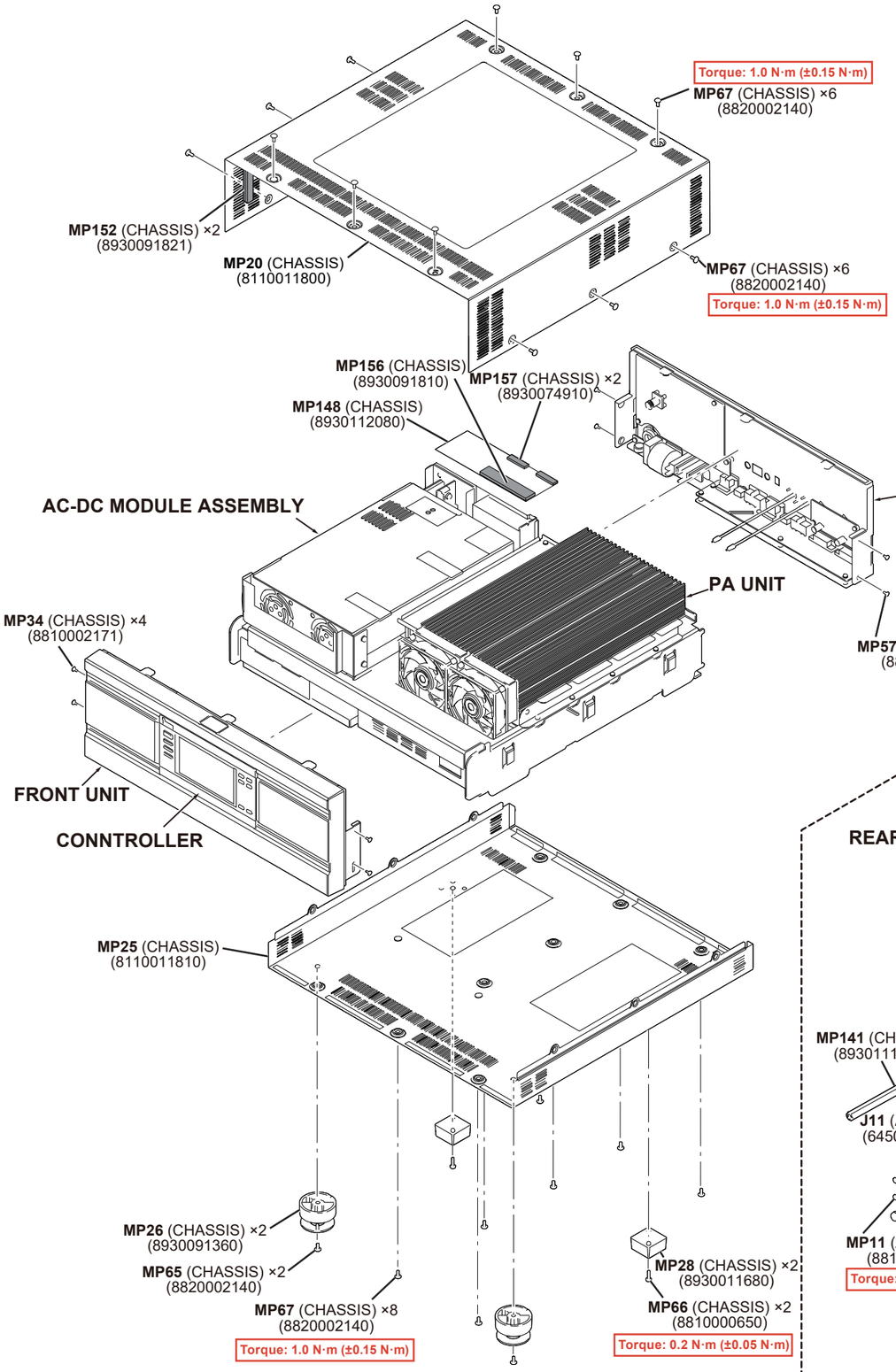


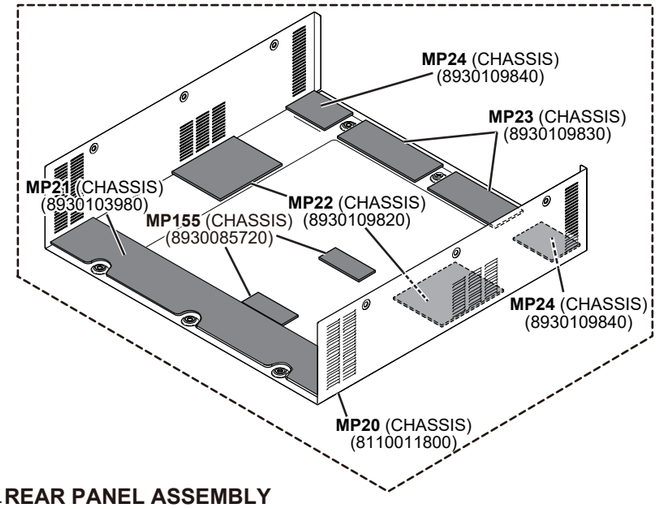
● **Bracket stand assembly**

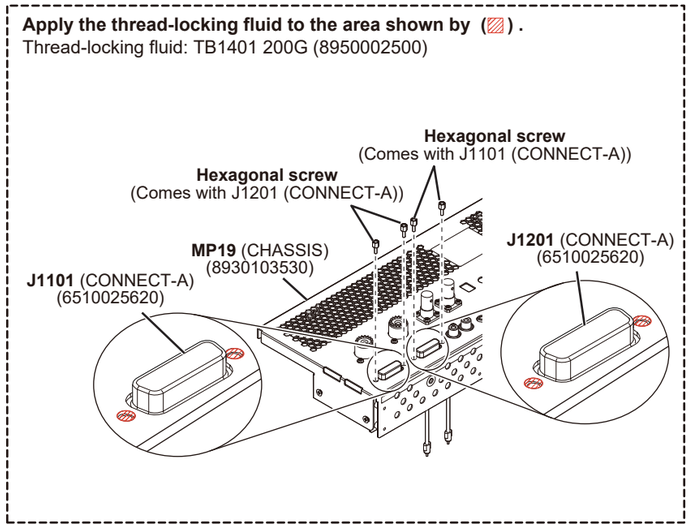


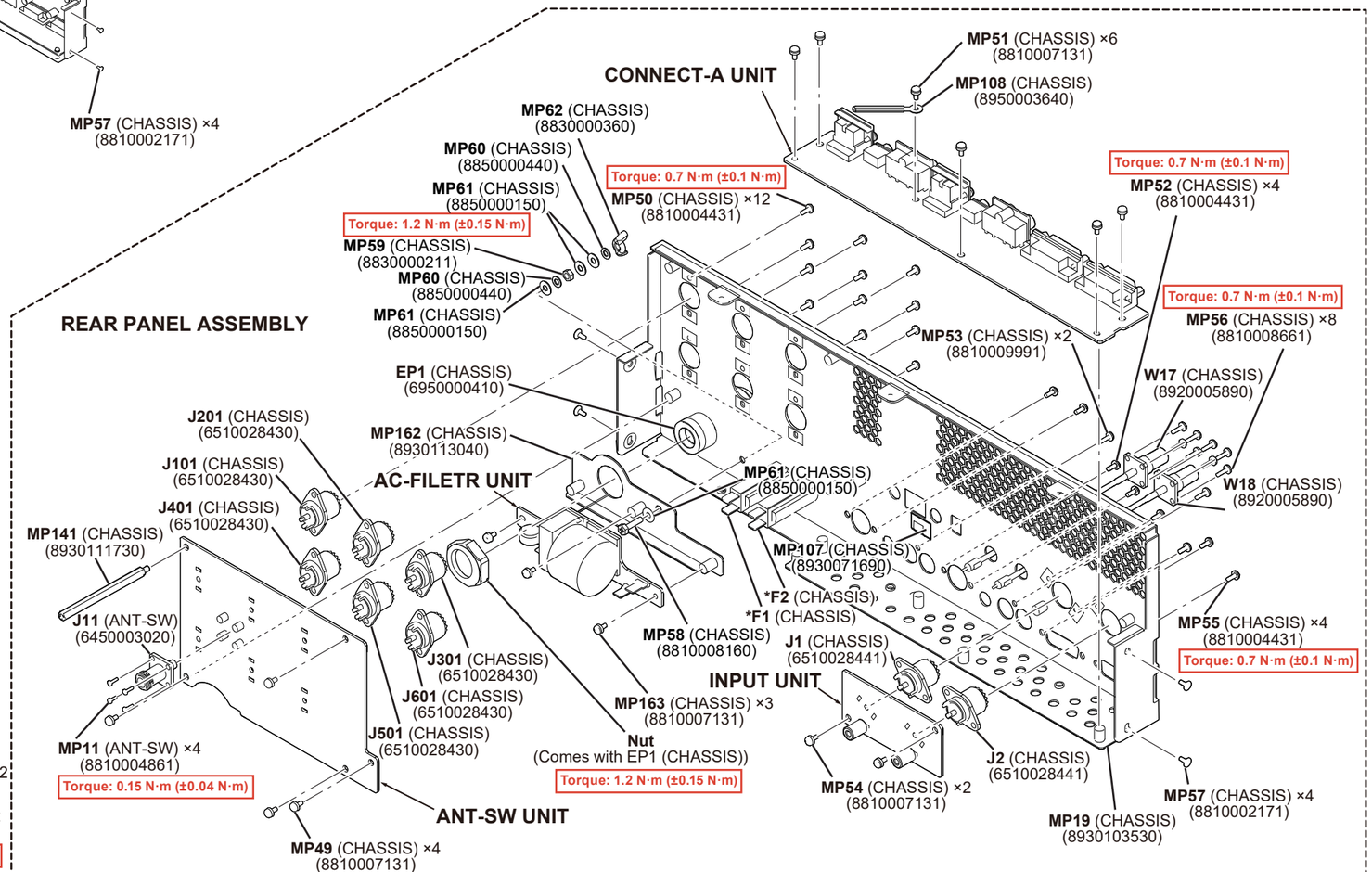
Screw abbreviations A, B0, BT: Self-tapping PH: Pan head BS: Brass NI: Nickel ZU: Zinc SUS: Stainless

• FRONT, REAR, TOP, and BOTTOM ASSEMBLY





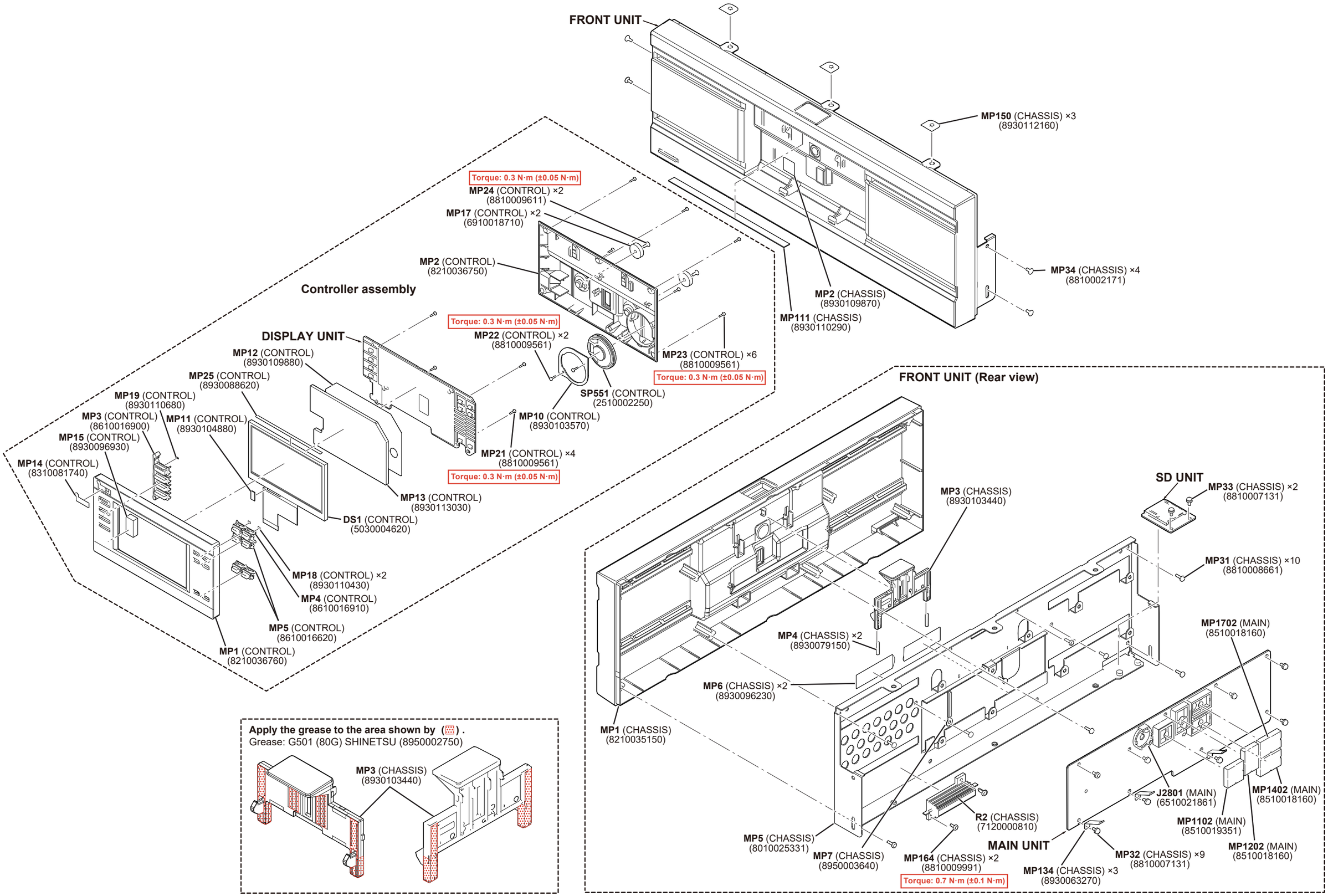




Unless otherwise noted, the tighten to torque is 0.5 N·m (±0.07 N·m).

*Refer to the Mechanical Parts list.

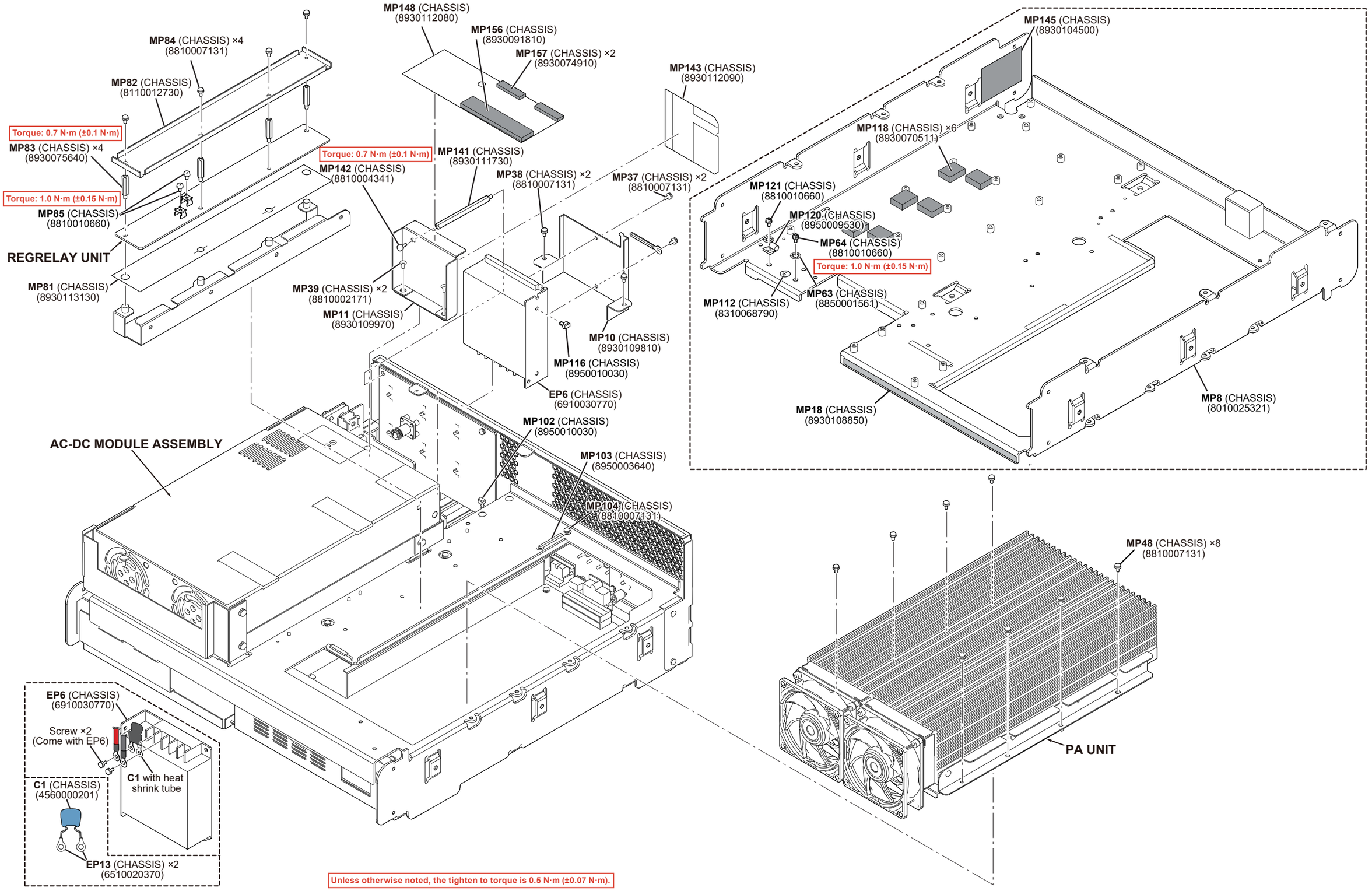
• **FRONT ASSEMBLY**



Unless otherwise noted, the tighten to torque is 0.5 N·m (±0.07 N·m).

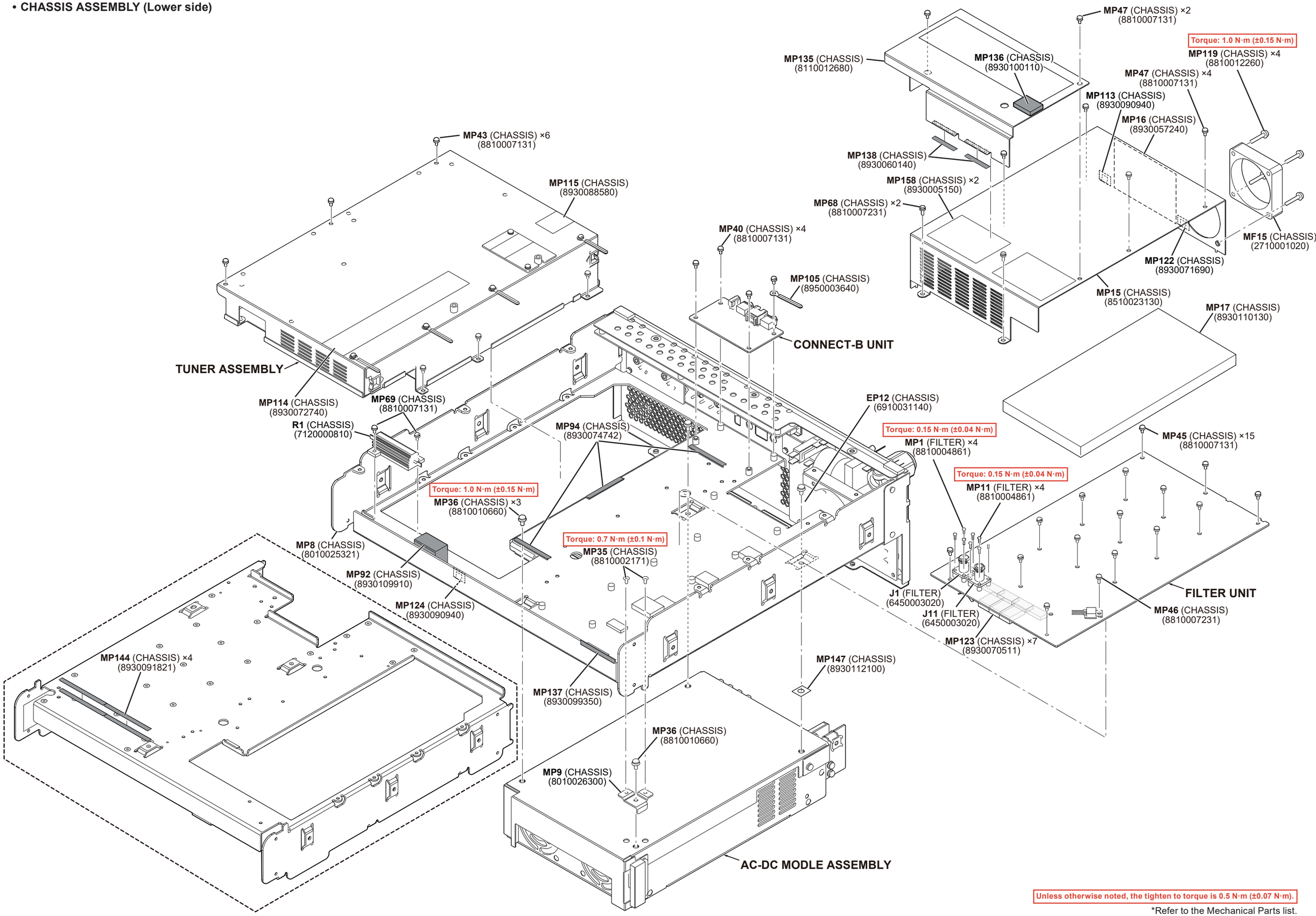
*Refer to the Mechanical Parts list.

• CHASSIS ASSEMBLY (Upper side)



*Refer to the Mechanical Parts list.

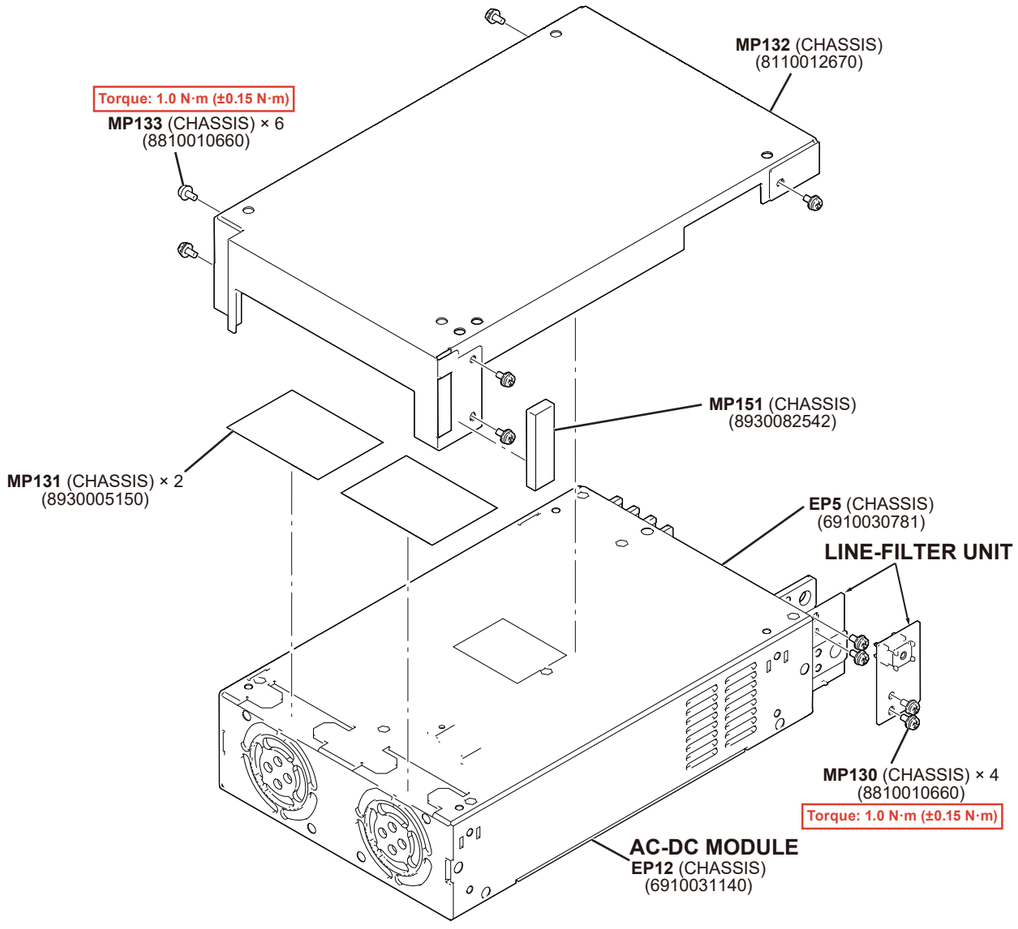
• **CHASSIS ASSEMBLY (Lower side)**

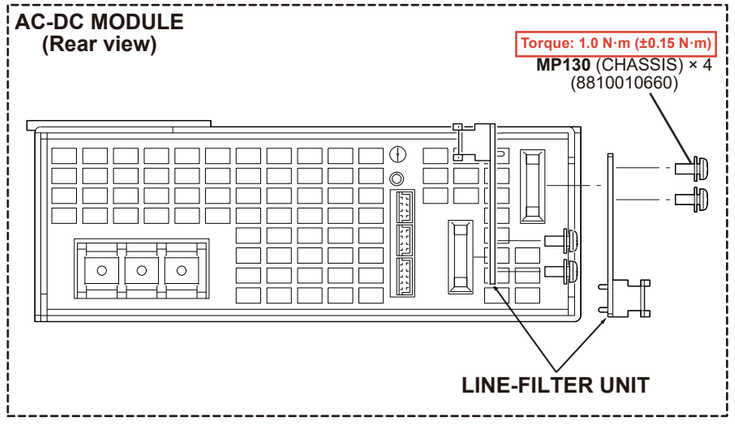


Unless otherwise noted, the tighten to torque is 0.5 N·m (±0.07 N·m).

*Refer to the Mechanical Parts list.

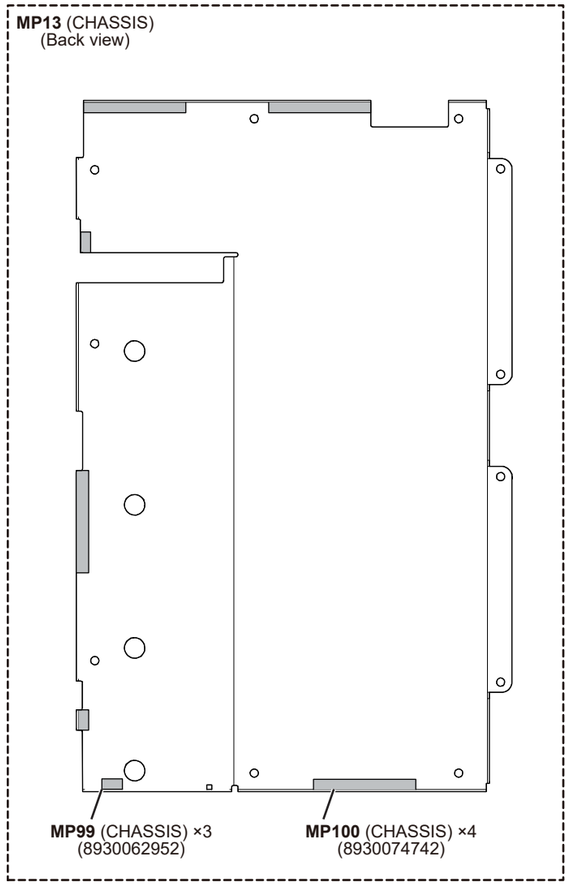
• AC-DC MODULE ASSEMBLY

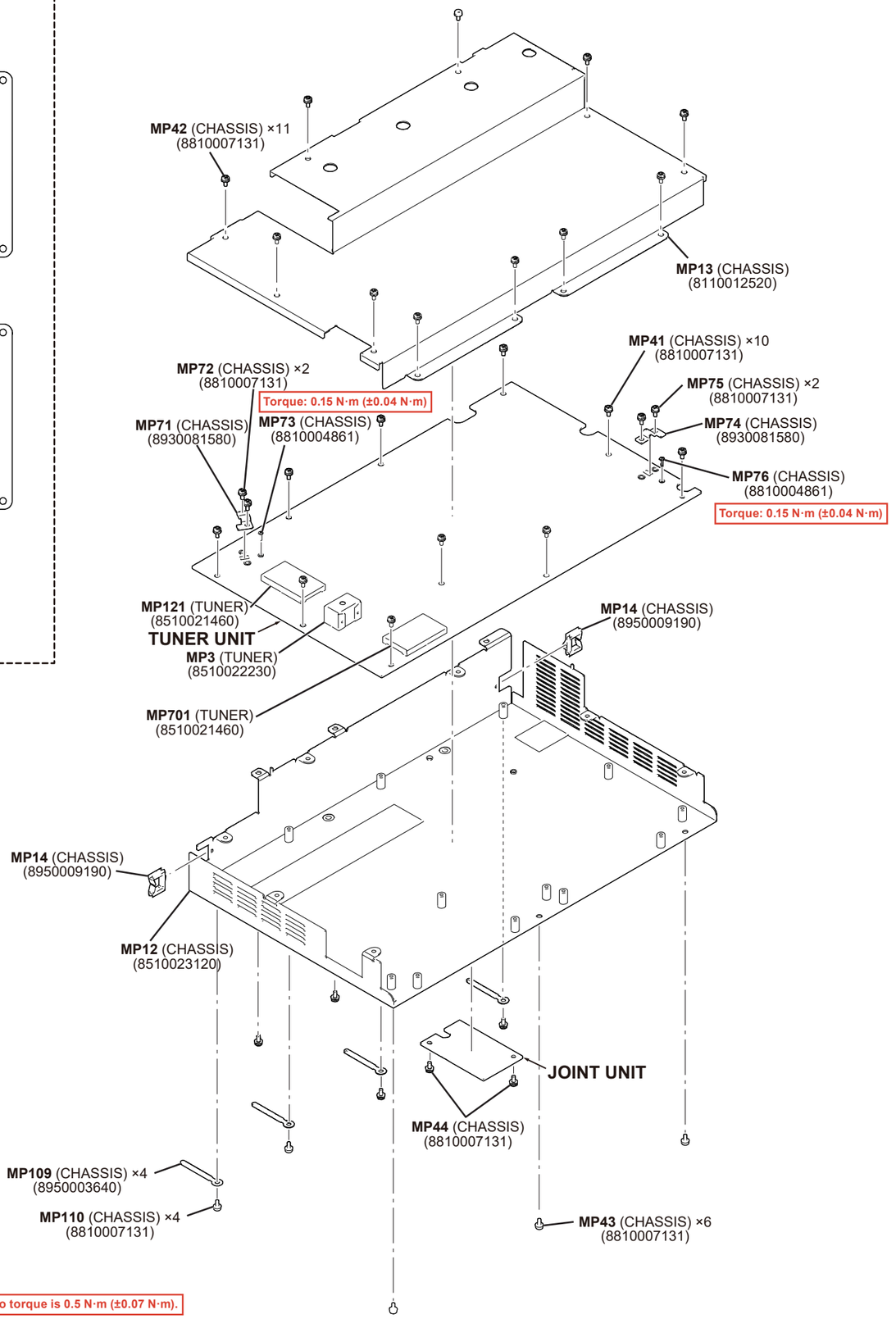




*Refer to the Mechanical Parts list.

• TUNER ASSEMBLY

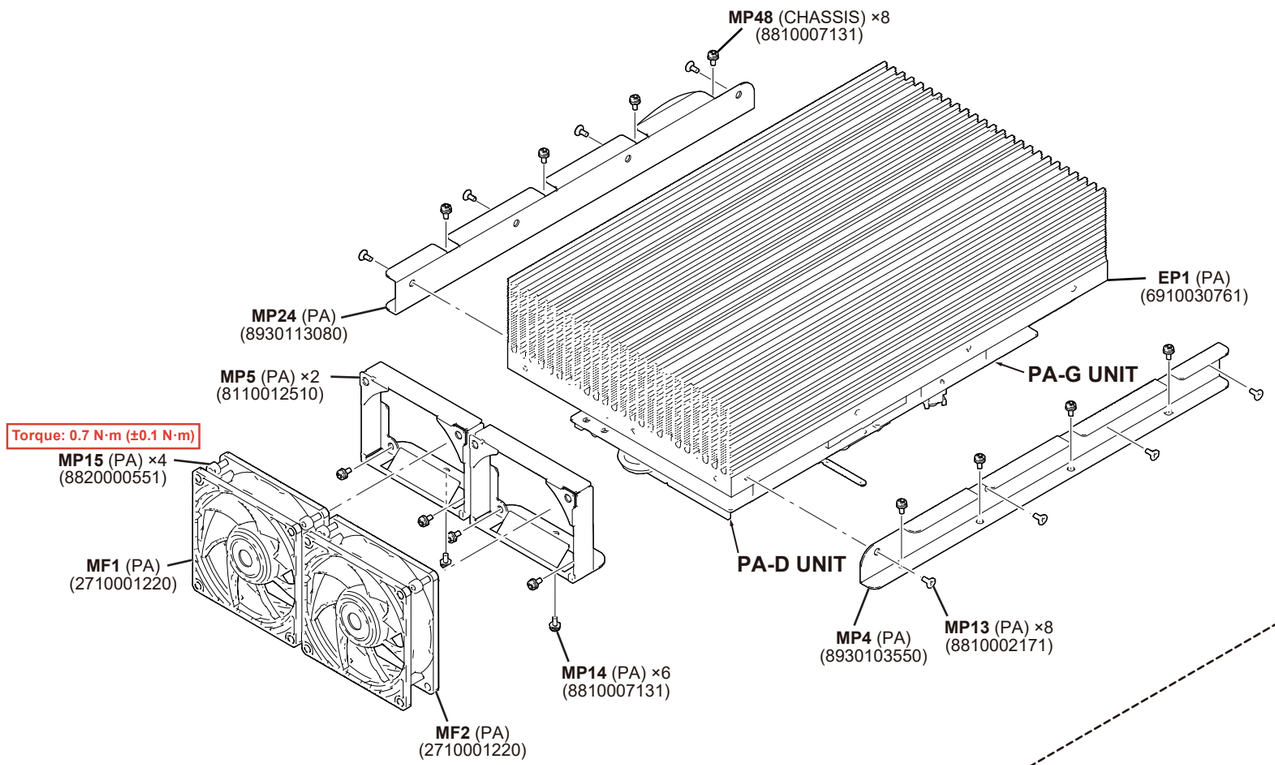


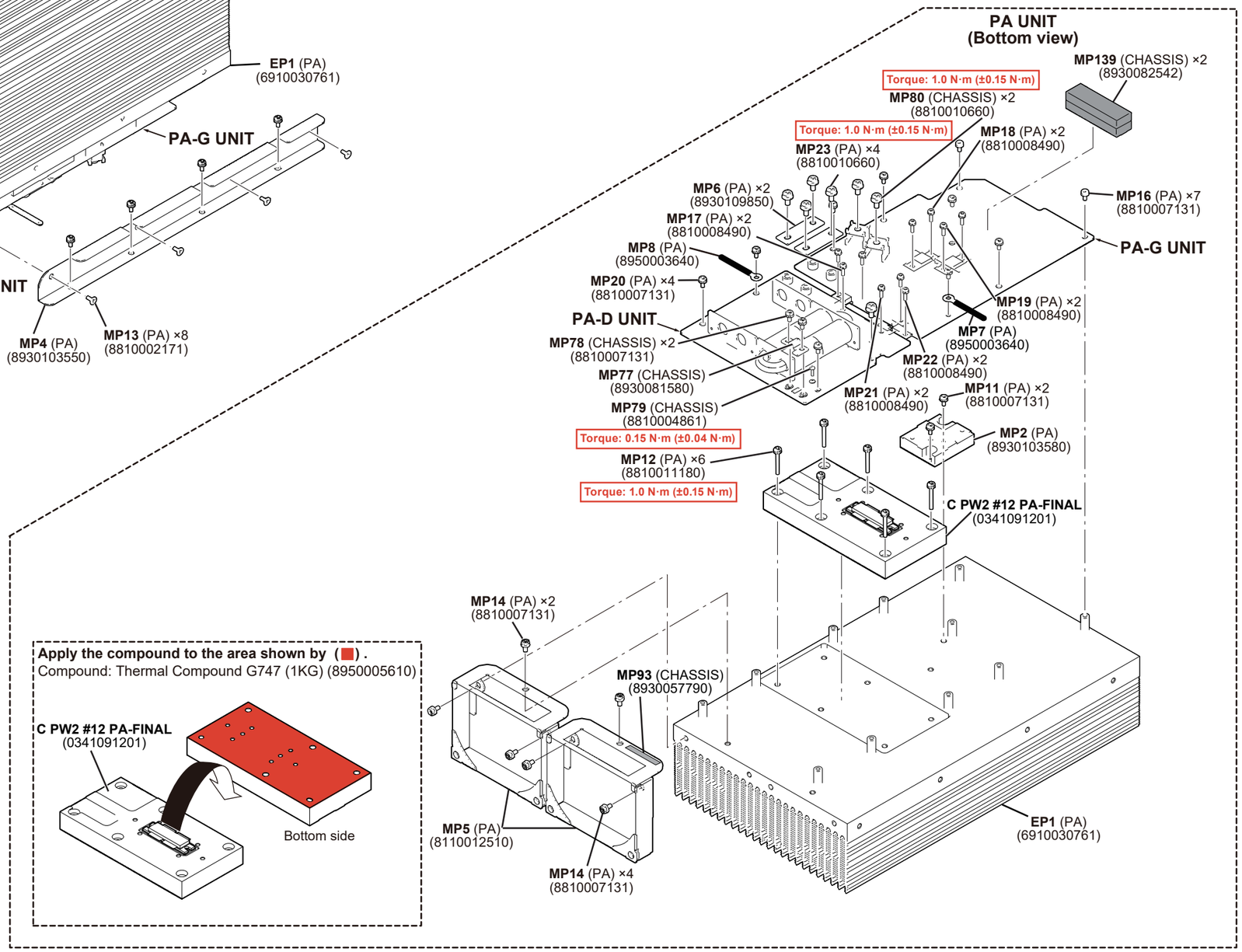


Unless otherwise noted, the tighten to torque is 0.5 N·m (±0.07 N·m).

*Refer to the Mechanical Parts list.

• PA ASSEMBLY

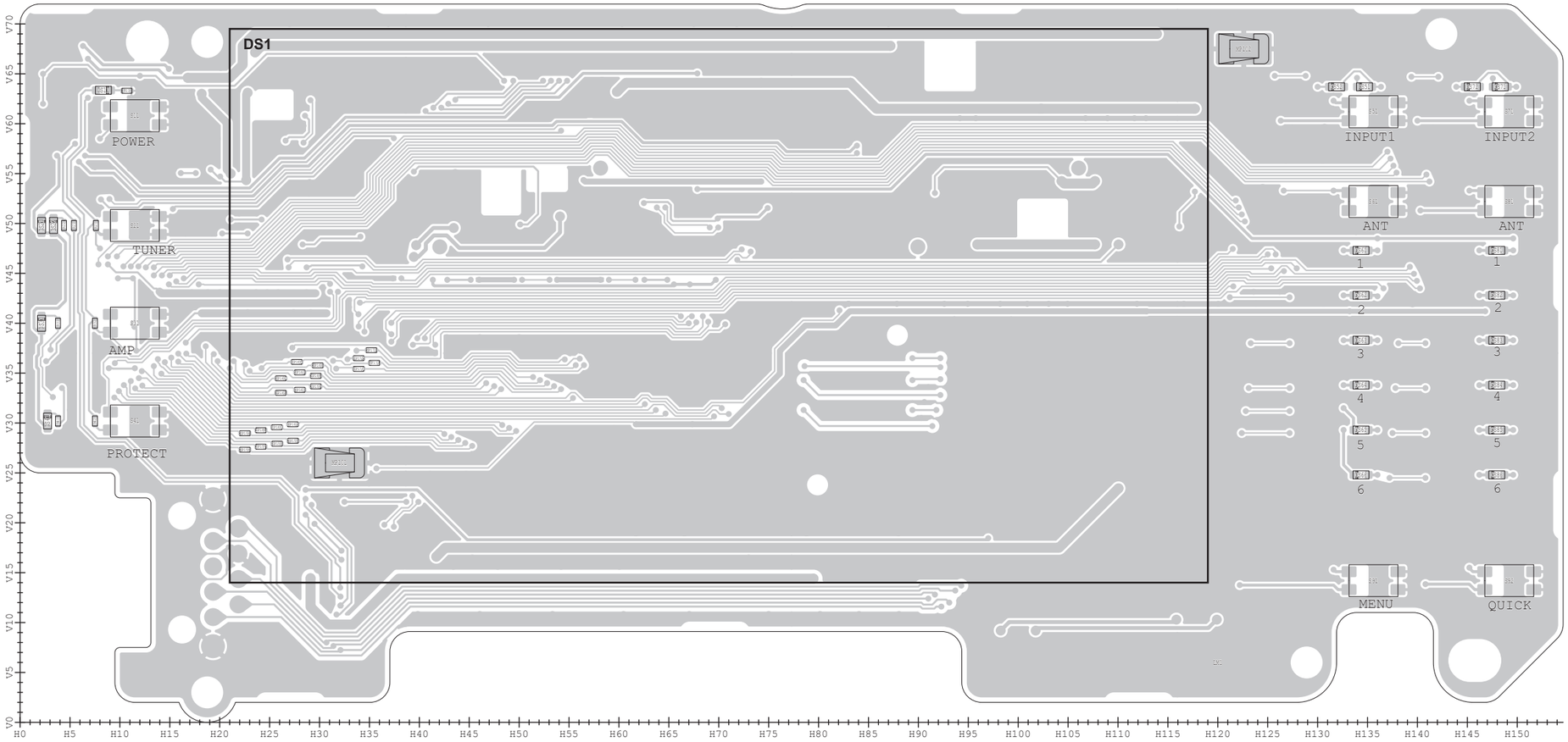




*Refer to the Mechanical Parts list.

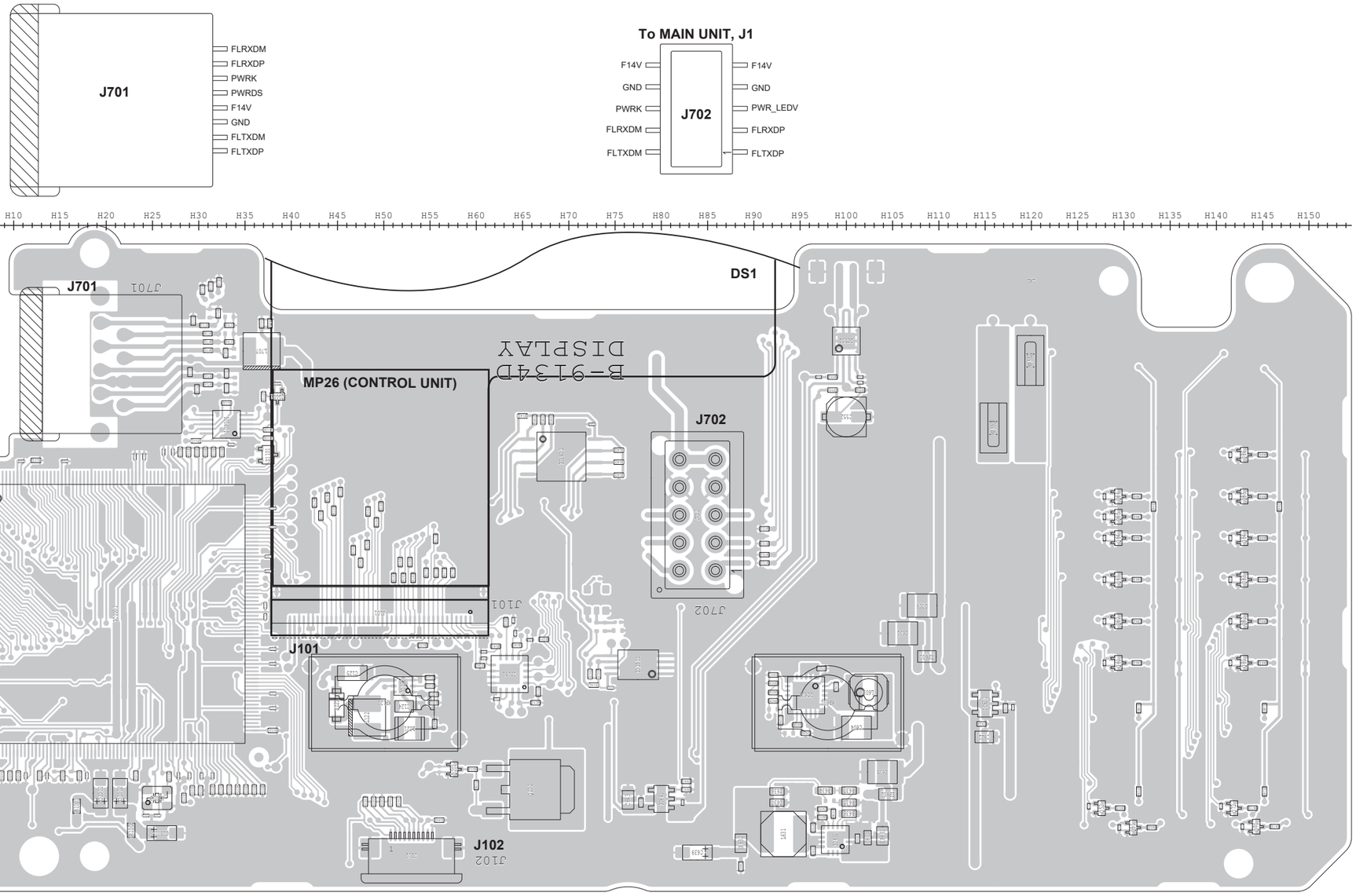
SECTION 9 BOARD LAYOUTS

- **DISPLAY UNIT (B-9134D)**
  (Top view)



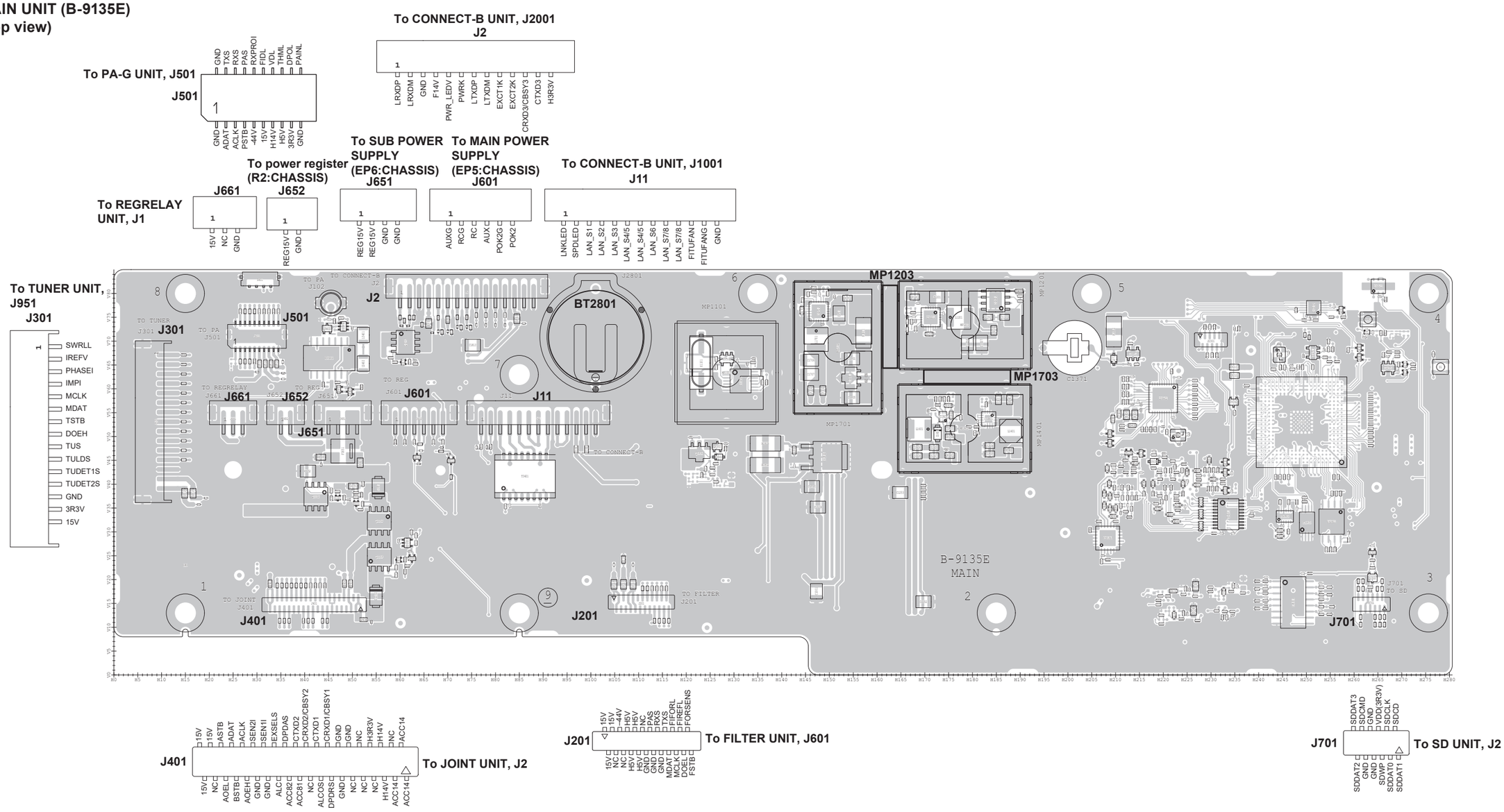
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

• **DISPLAY UNIT (B-9134D)**
(Bottom view)

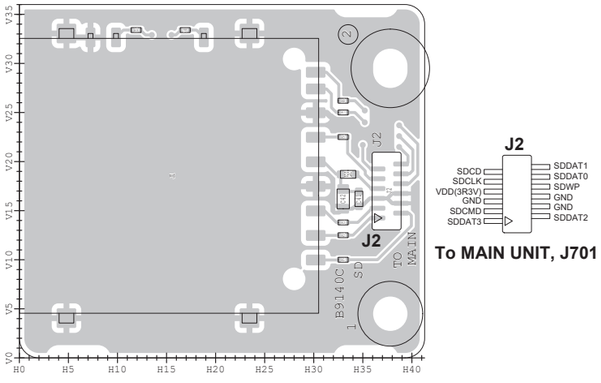


NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

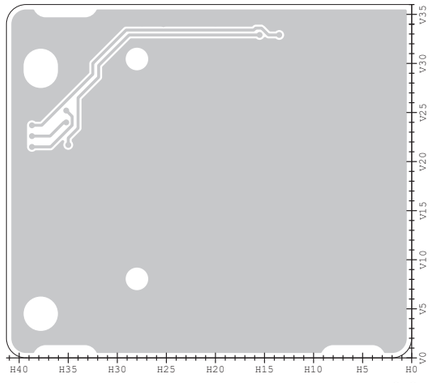
• **MAIN UNIT (B-9135E)**
(Top view)



• **SD UNIT (B-9140C)**
(Top view)

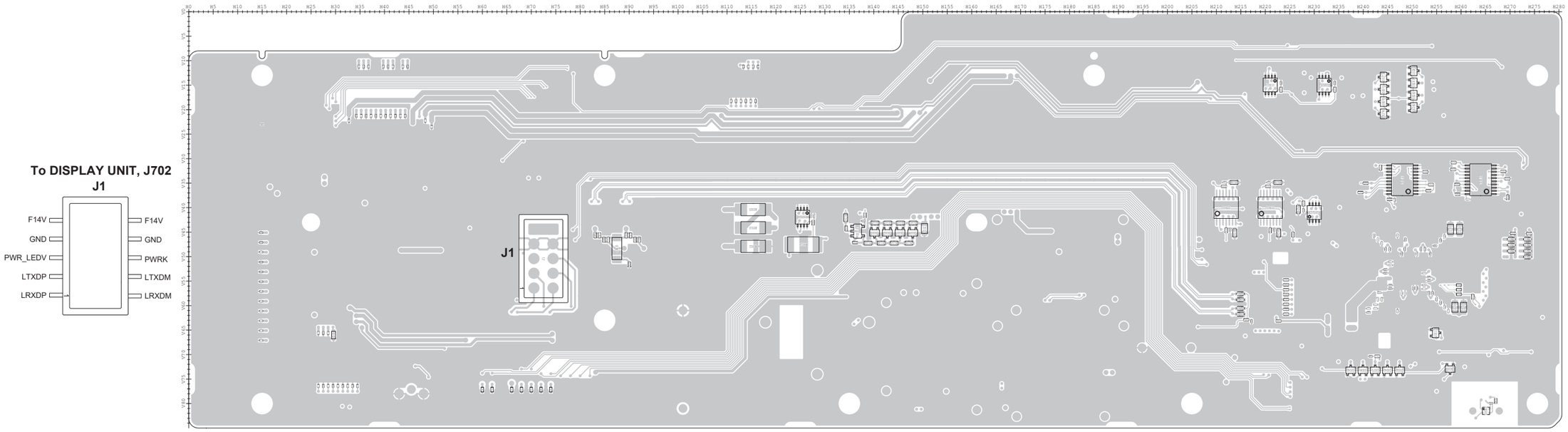


(Bottom view)

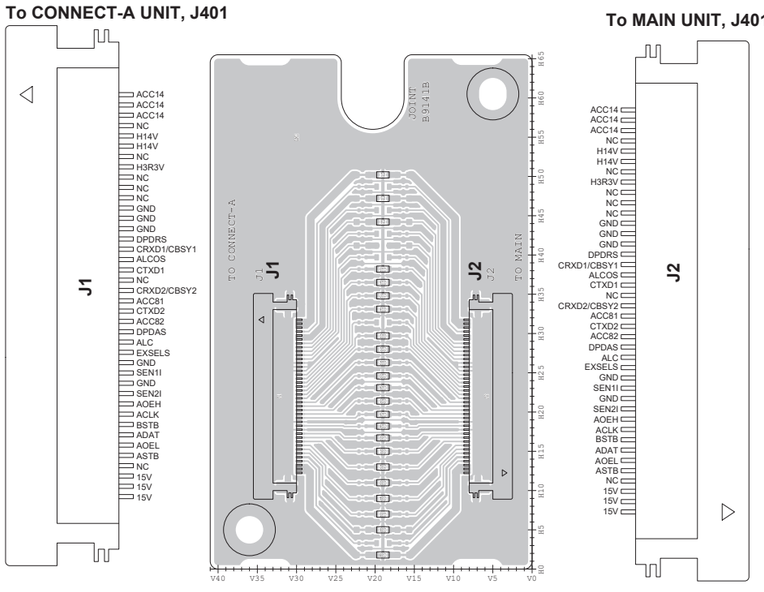


NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

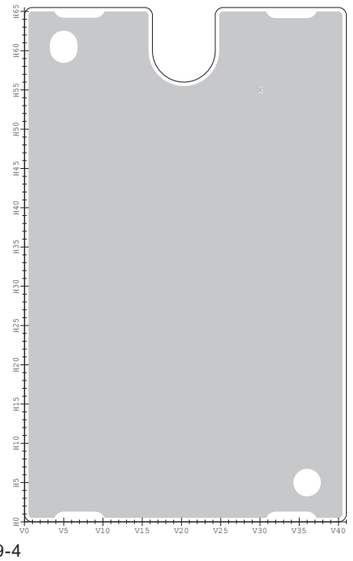
• **MAIN UNIT (B-9135E)**
(Bottom view)



• **JOINT UNIT (B-9141B)**
(Top view)

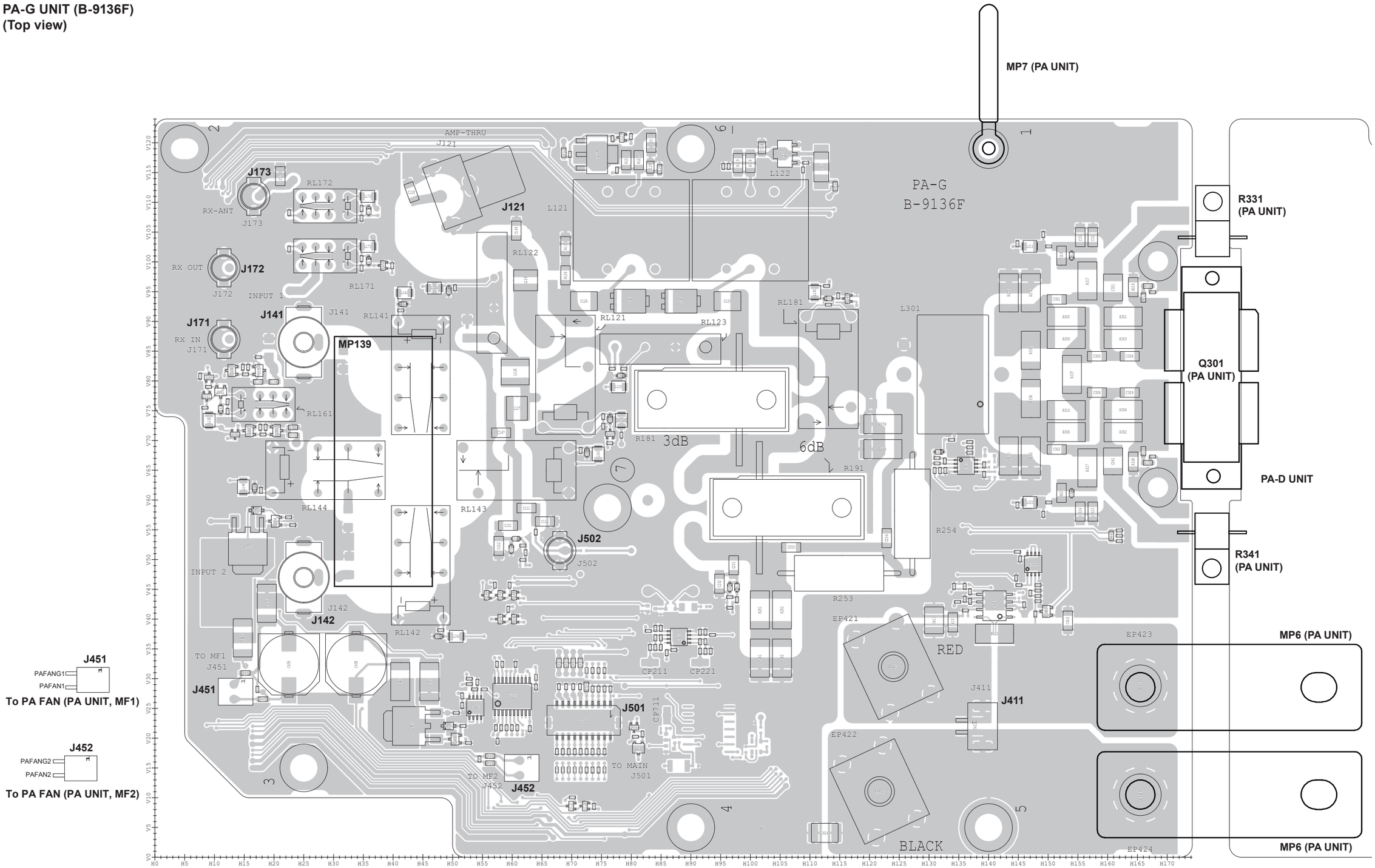


(Bottom view)



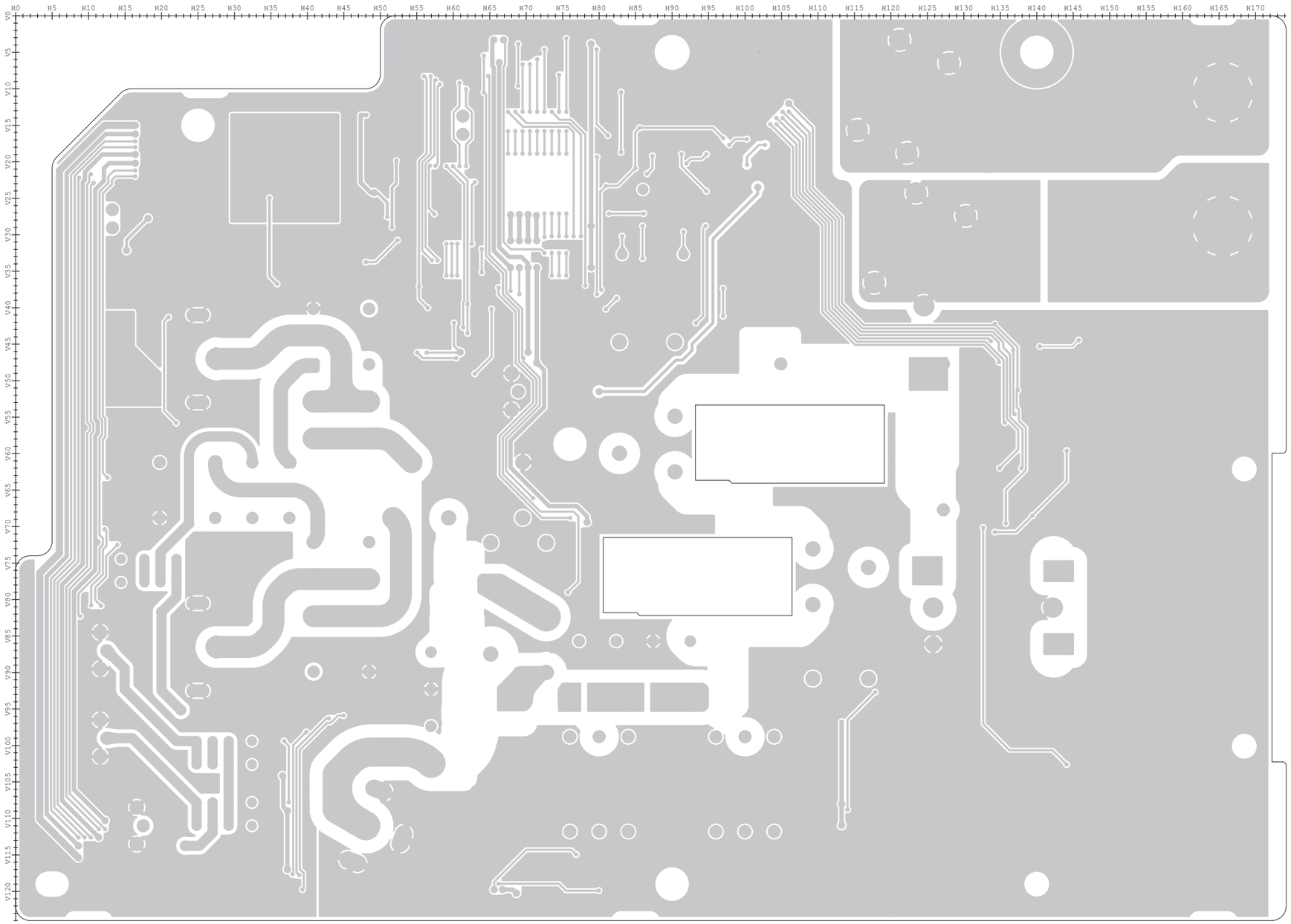
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

• **PA-G UNIT (B-9136F)**
(Top view)



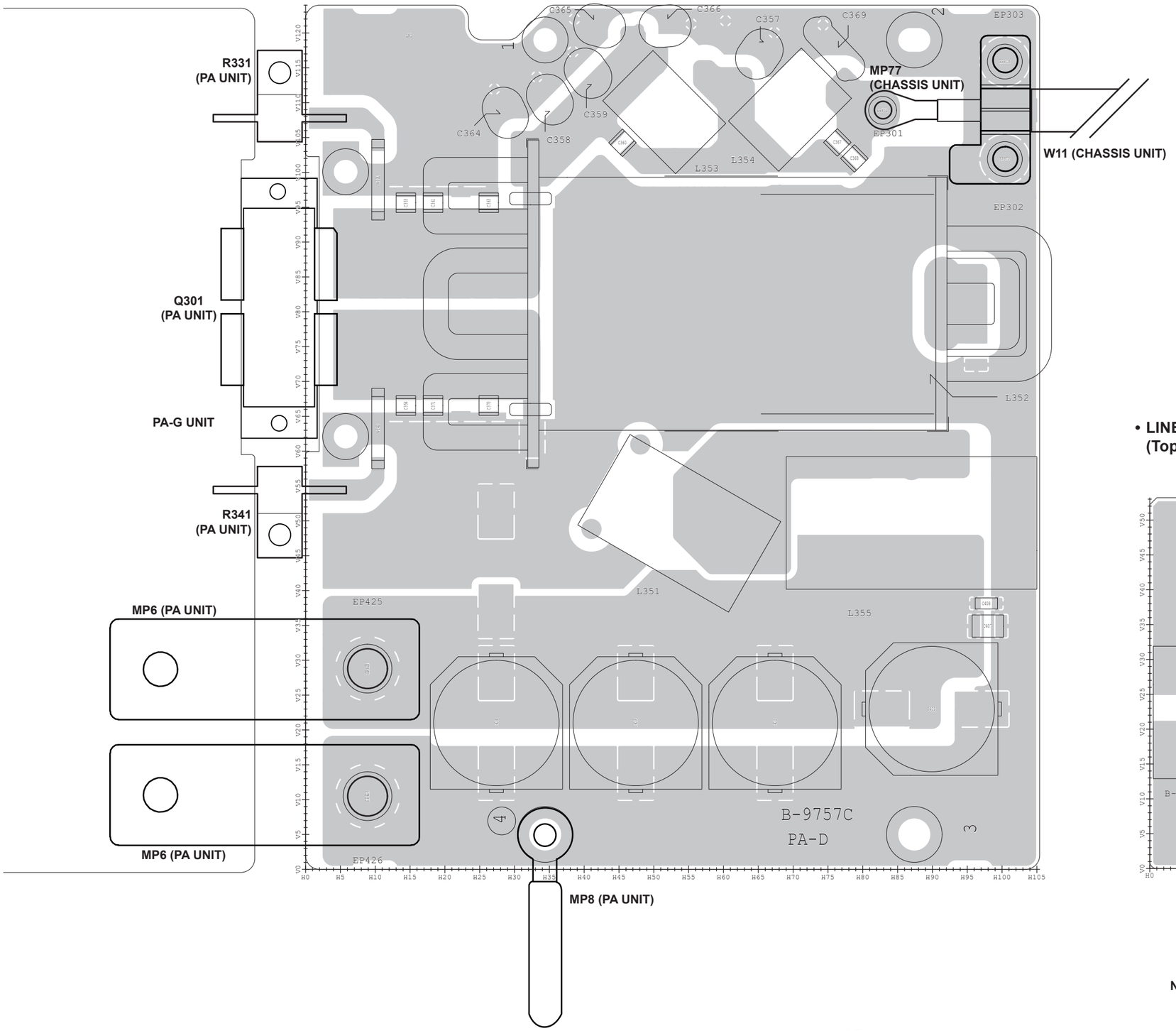
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

• **PA-G UNIT (B-9136F)**
(Bottom view)

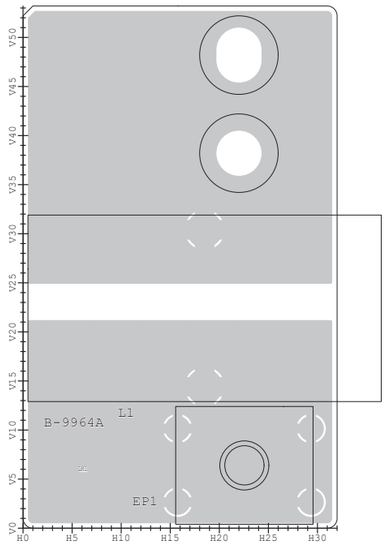


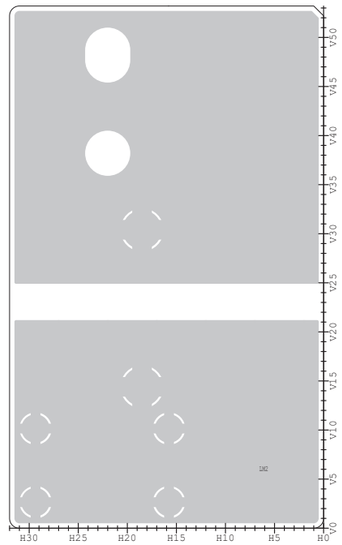
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

• **PA-D UNIT (B-9757C)**
(Top view)



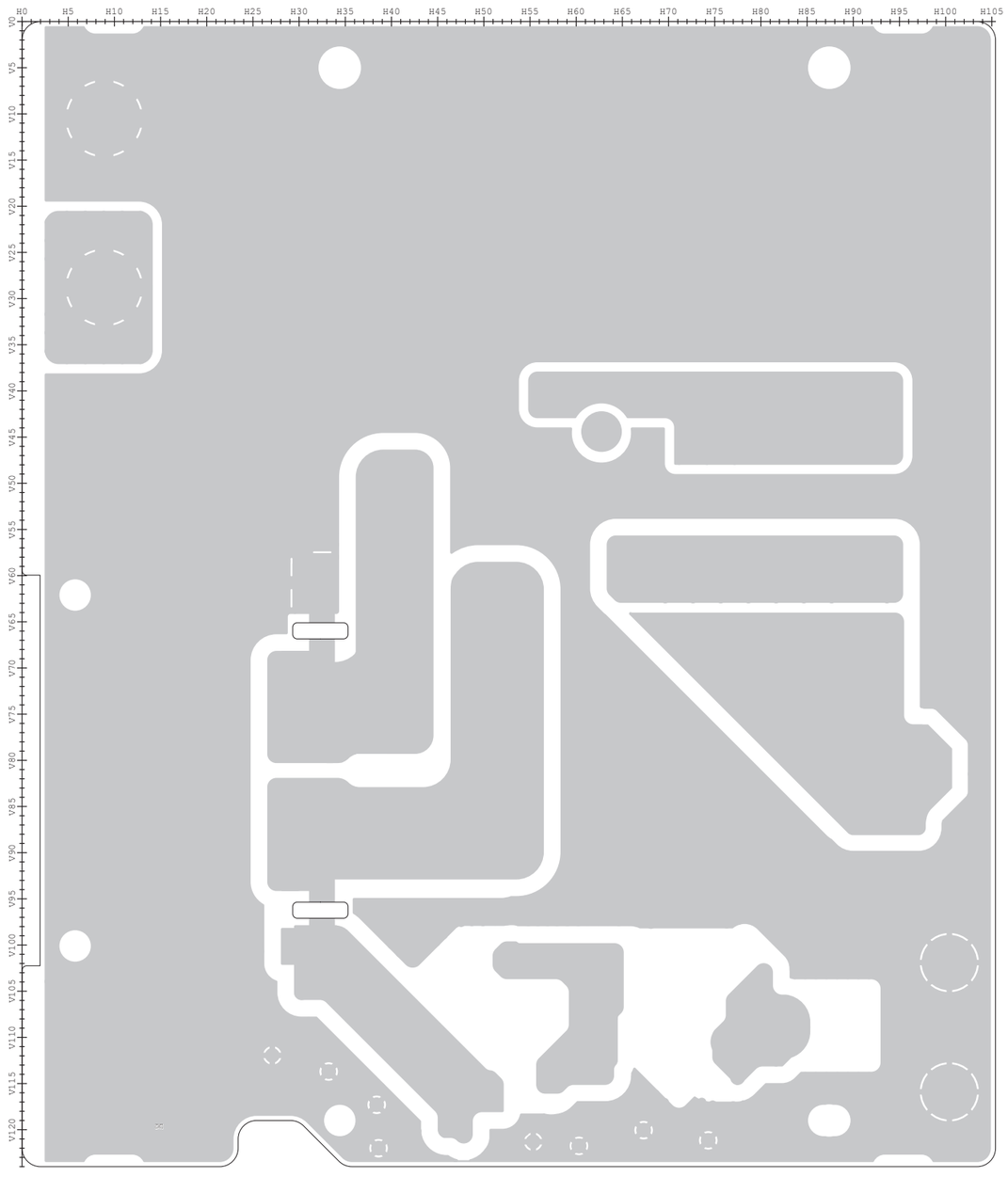
• **LINE-FILTER UNIT (B-9964A)**
(Top view) **(Bottom view)**





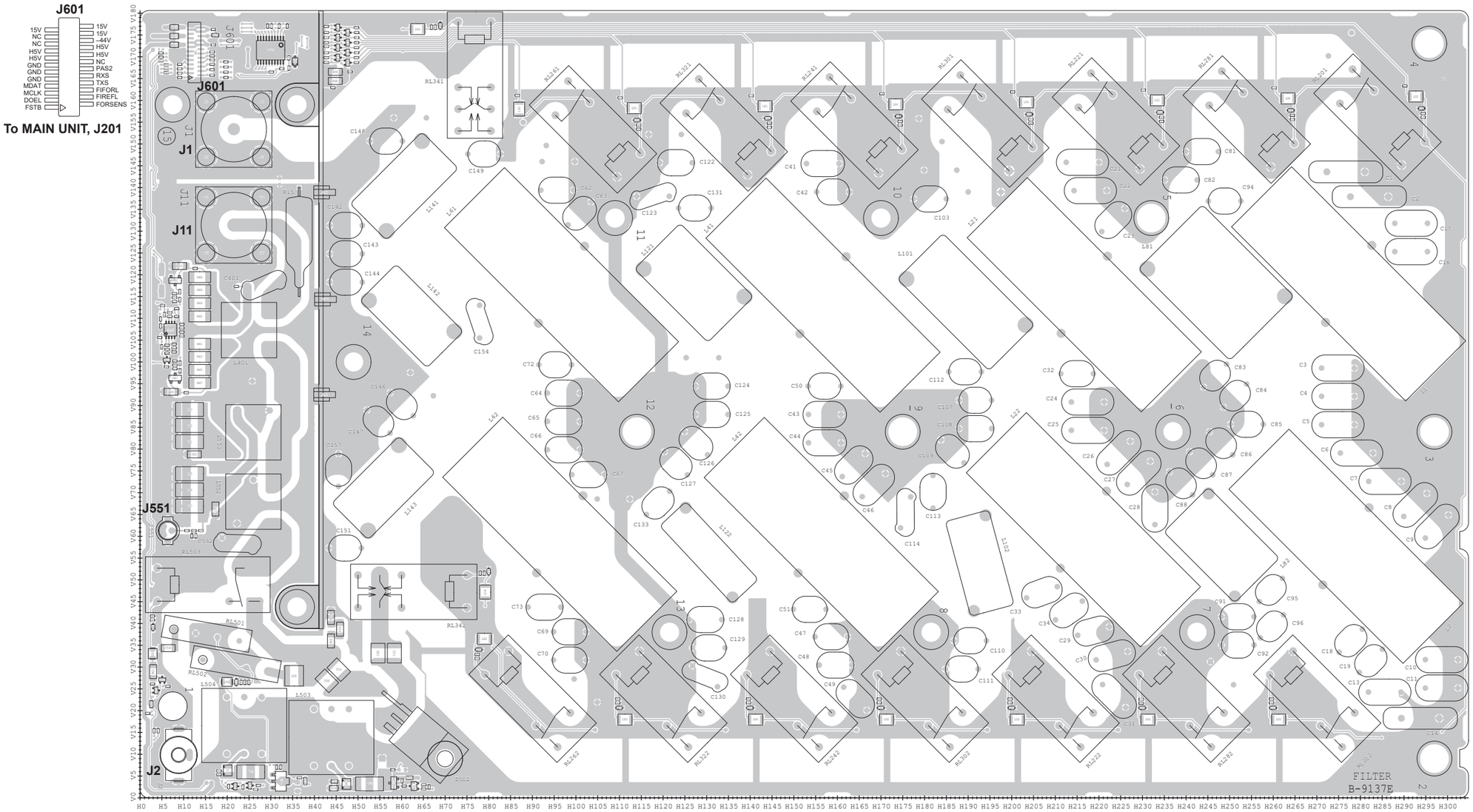
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

- **PA-D UNIT (B-9757C)**
  (Bottom view)



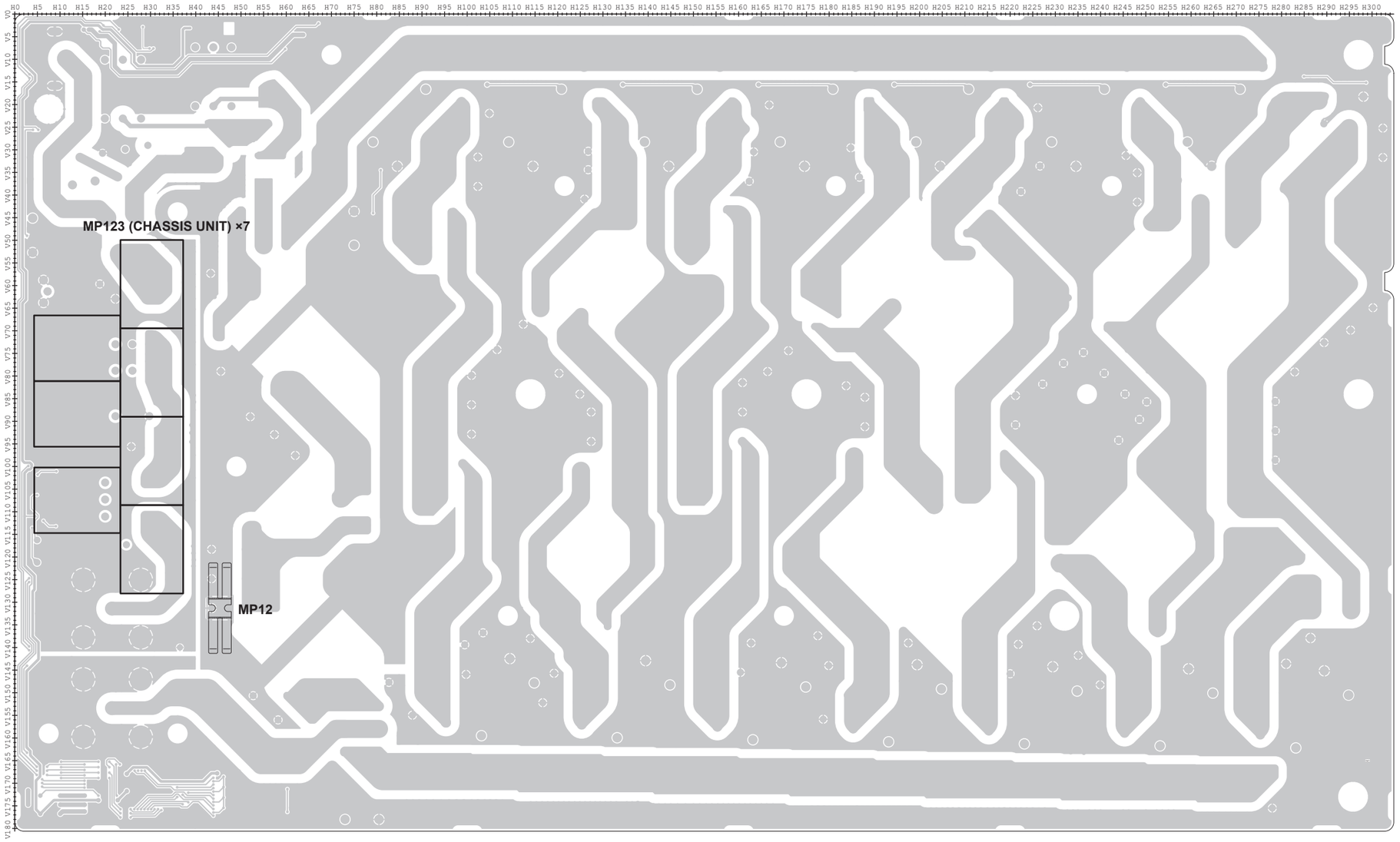
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

• **FILTER UNIT (B-9137E)**
(Top view)



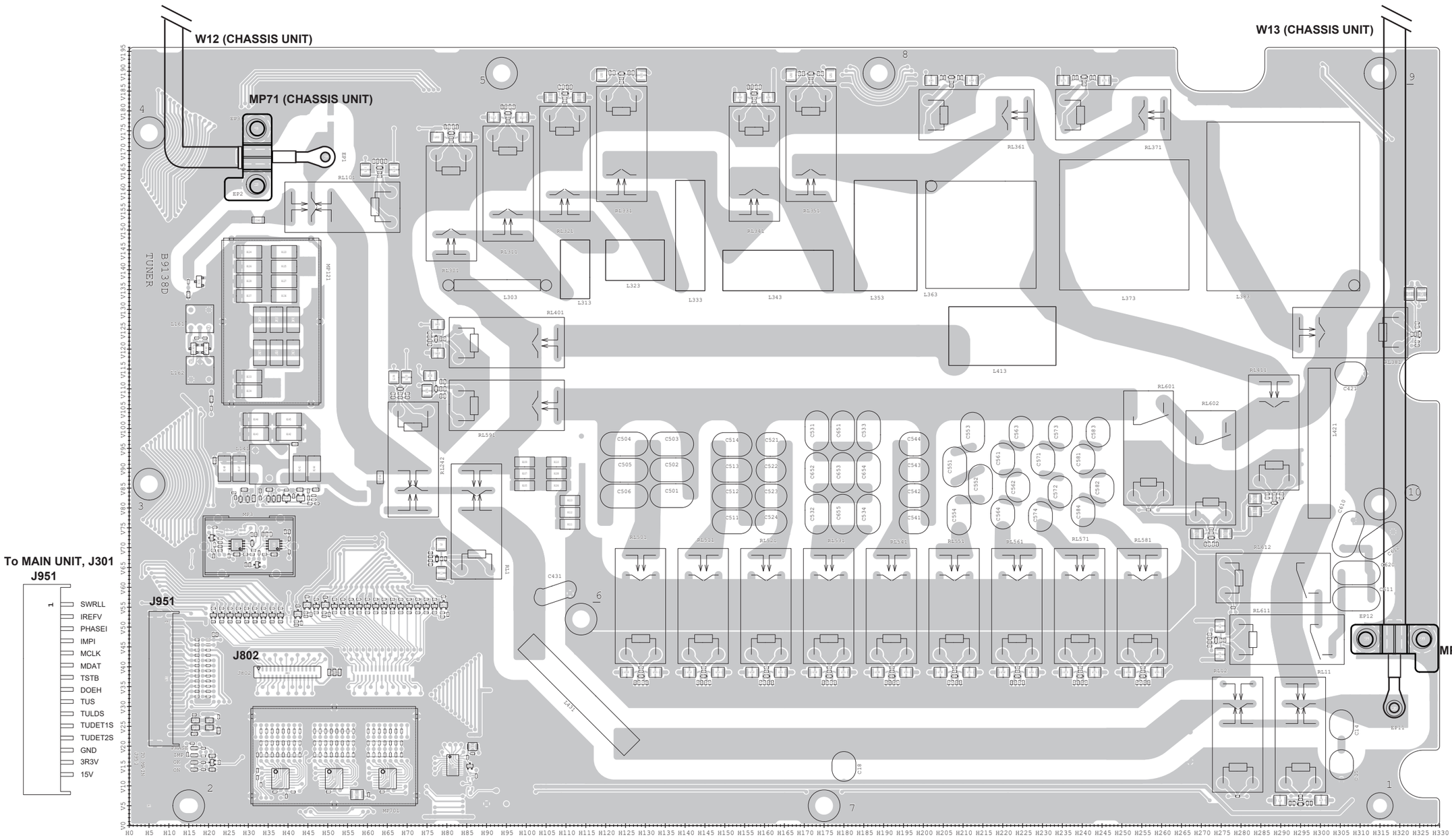
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

• **FILTER UNIT (B-9137E)**
(Bottom view)



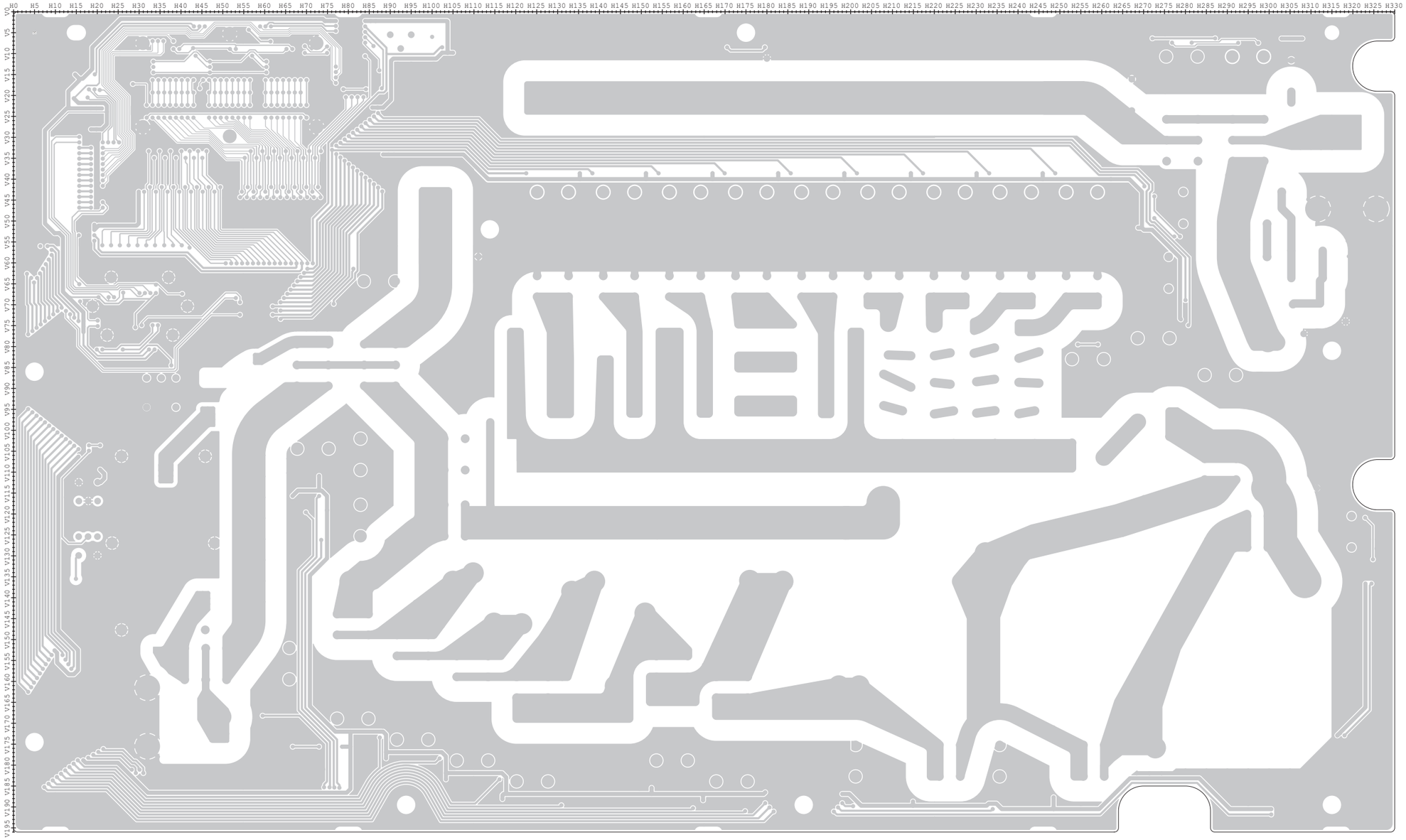
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

• **TUNER UNIT (B-9138D)**
(Top view)



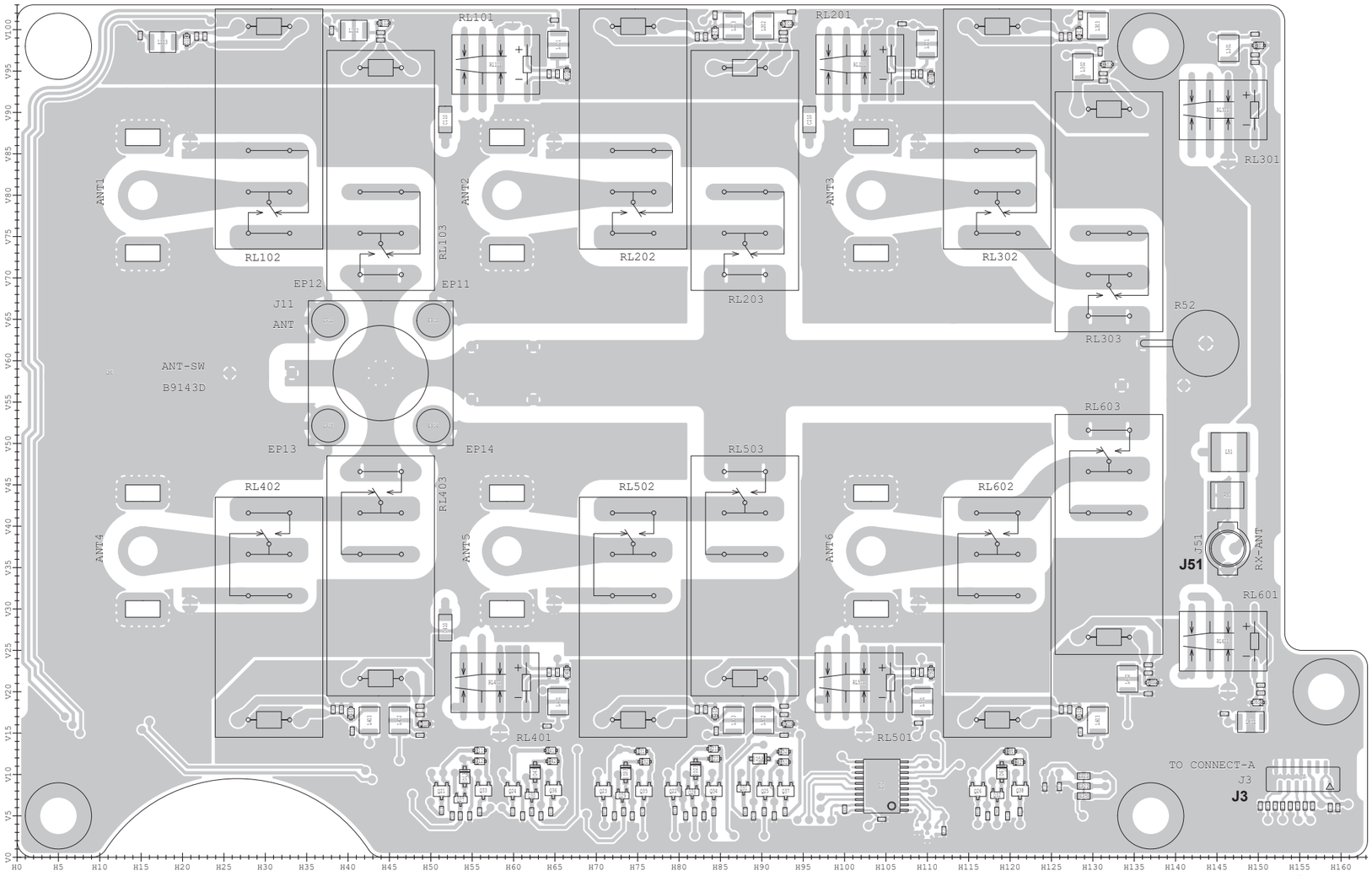
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

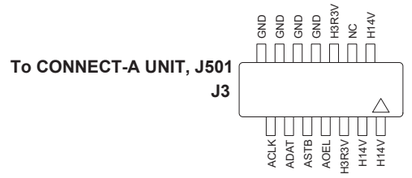
• **TUNER UNIT (B-9138D)**
(Bottom view)



NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

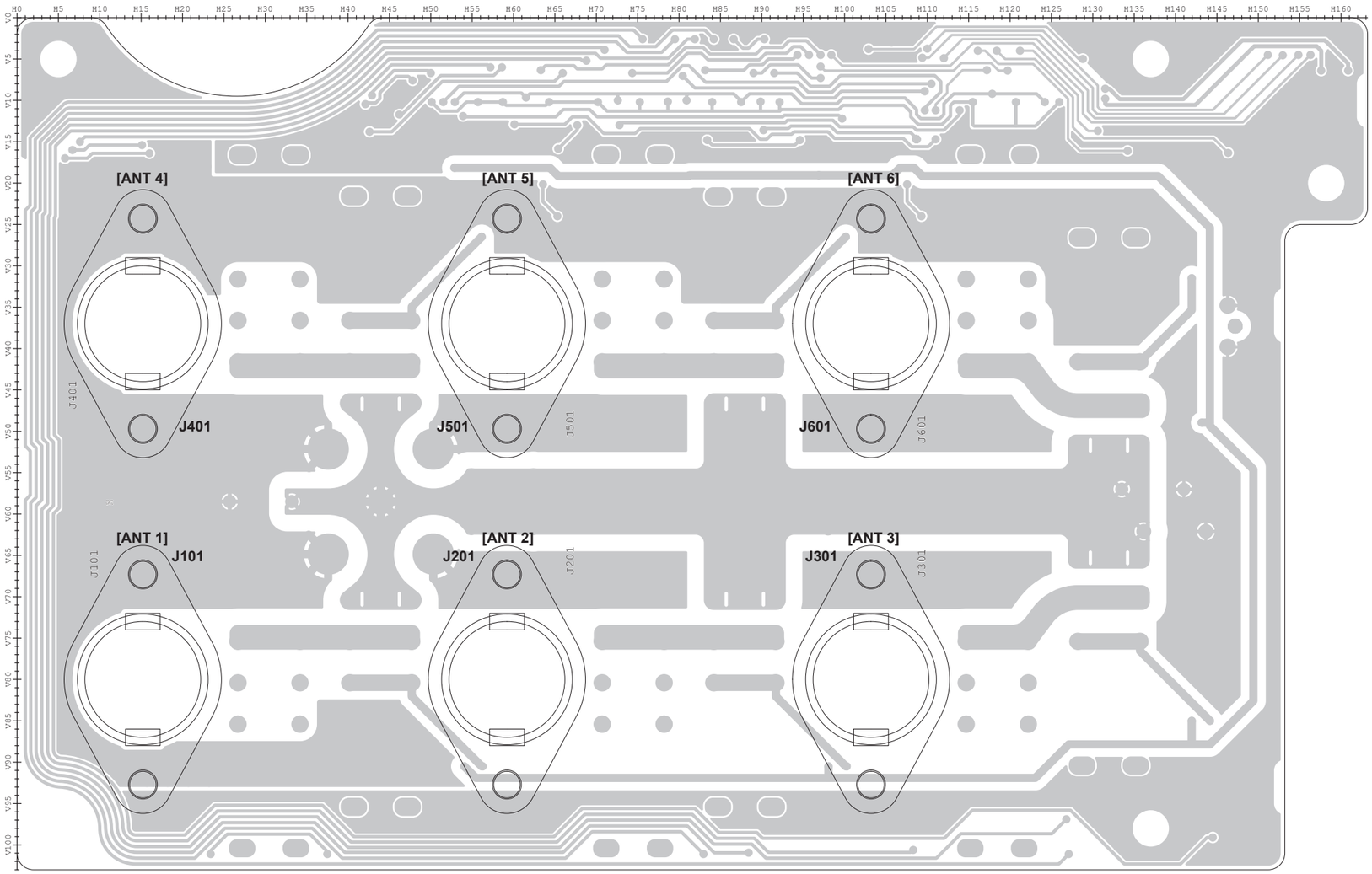
• **ANT-SW UNIT (B-9143D)**
(Top view)





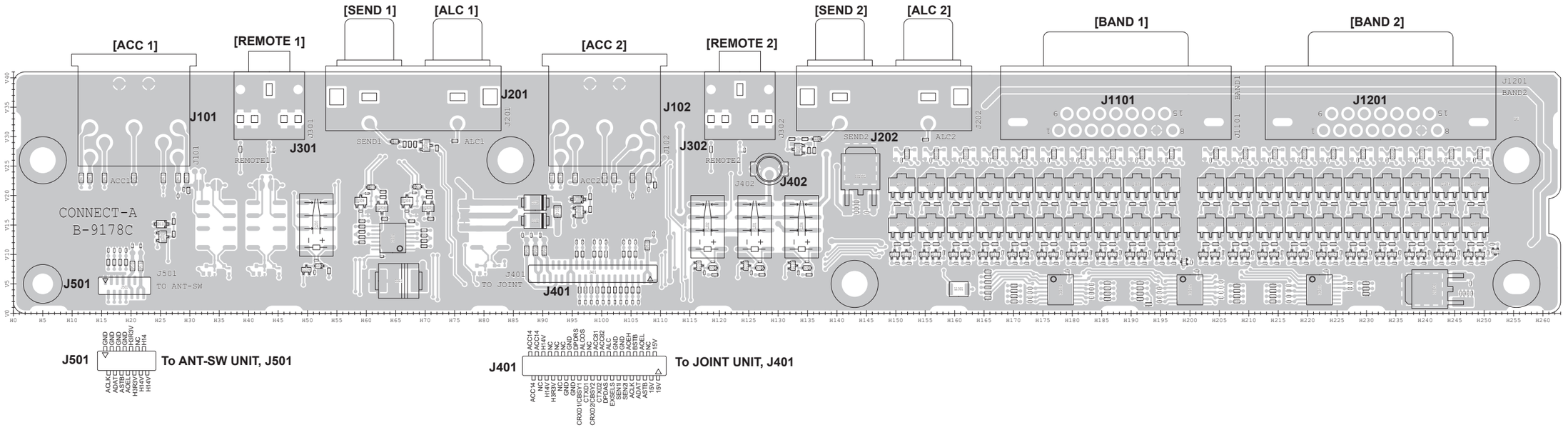
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

• **ANT-SW UNIT (B-9143D)**
(Bottom view)

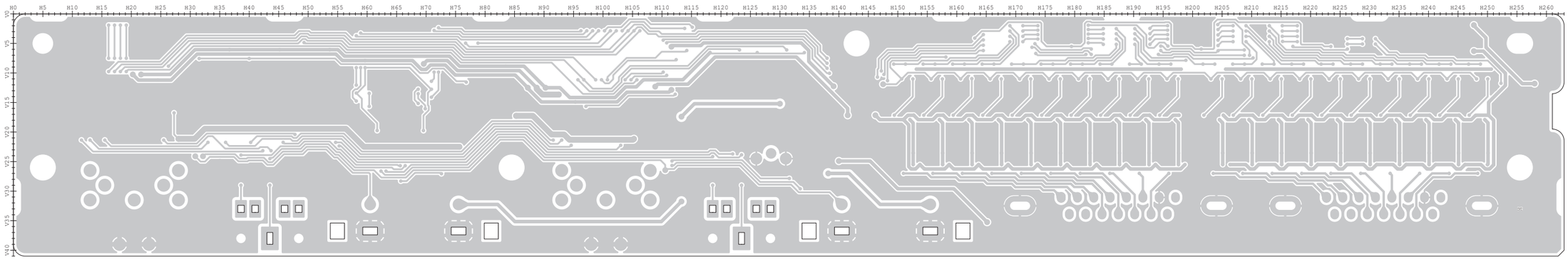


NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

• **CONNECT-A UNIT (B-9178C)**
(Top view)

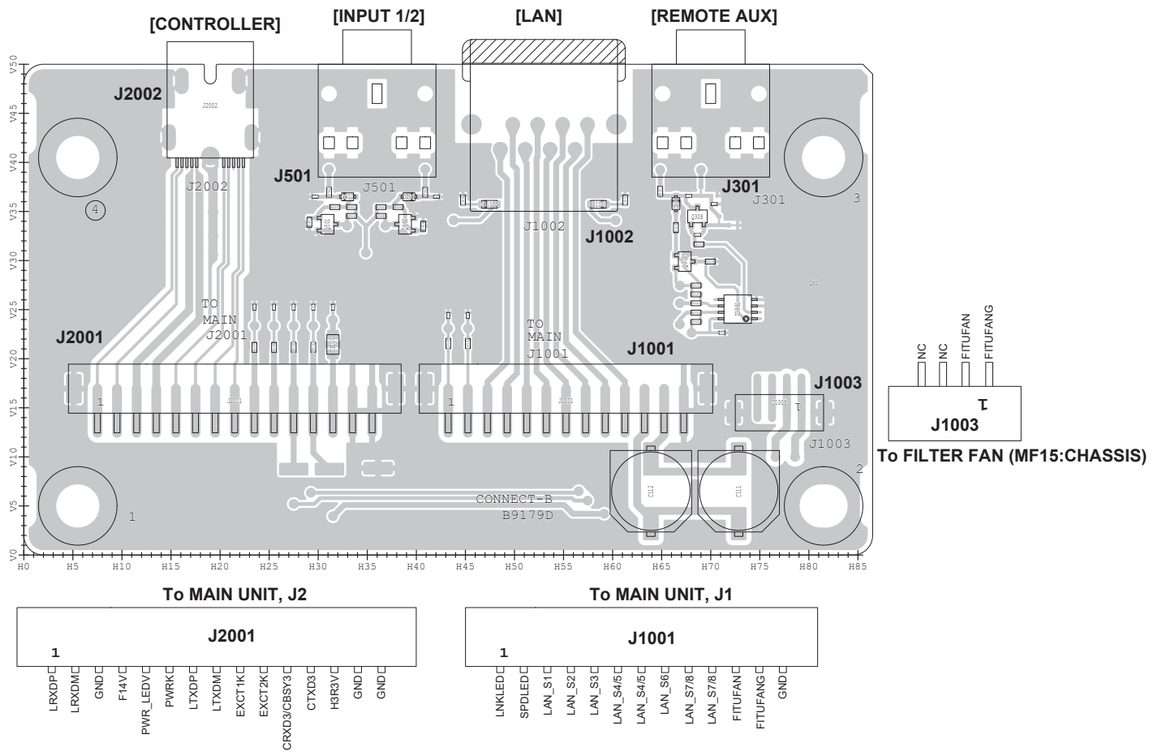


(Bottom view)

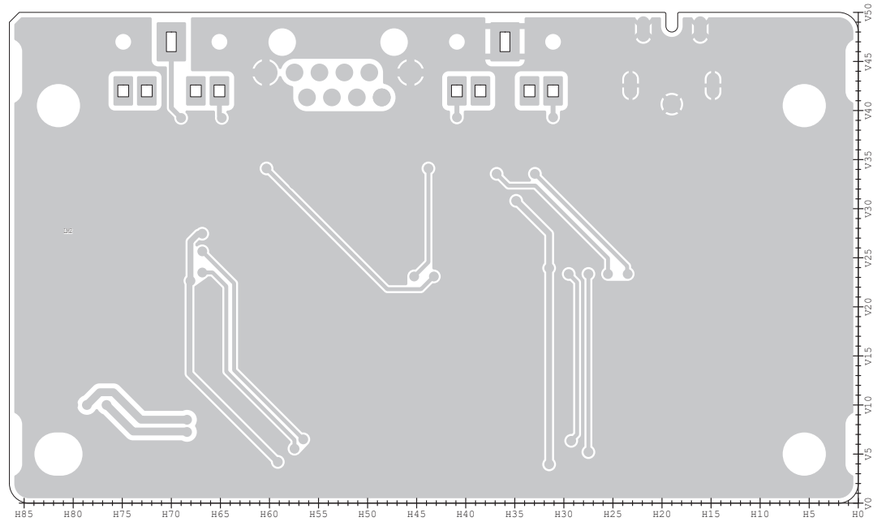


NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

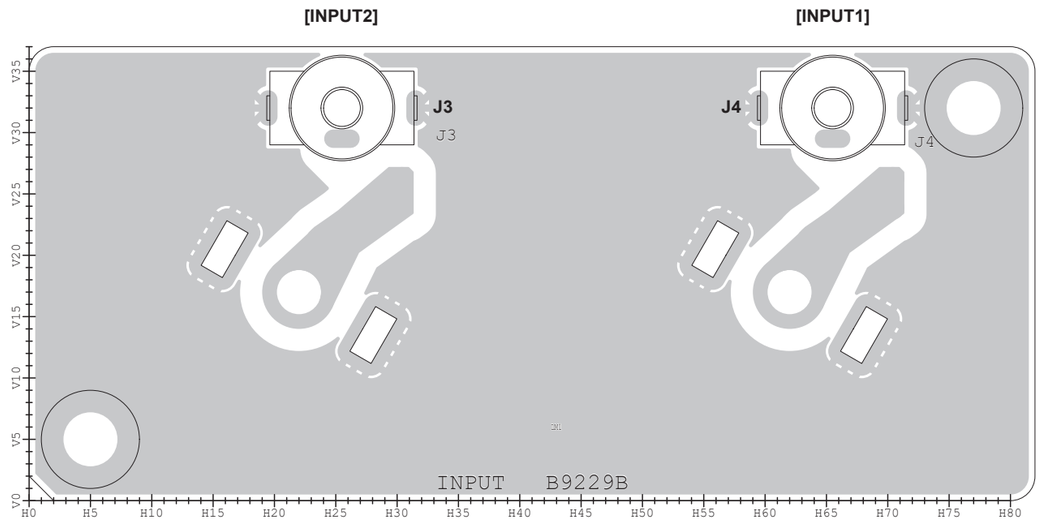
• **CONNECT-B UNIT (B-9179D)**
(Top view)



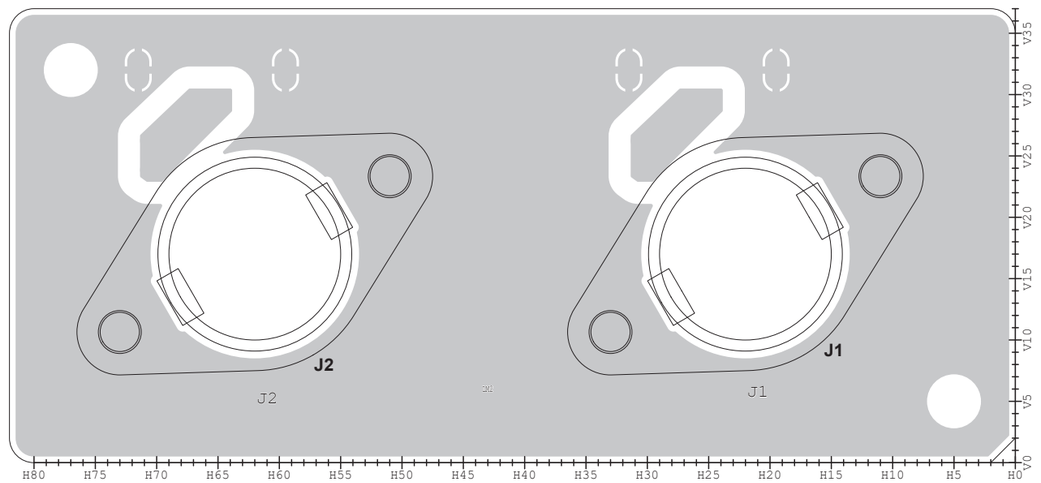
(Bottom view)



• **INPUT UNIT (B-9229B)**
(Top view)



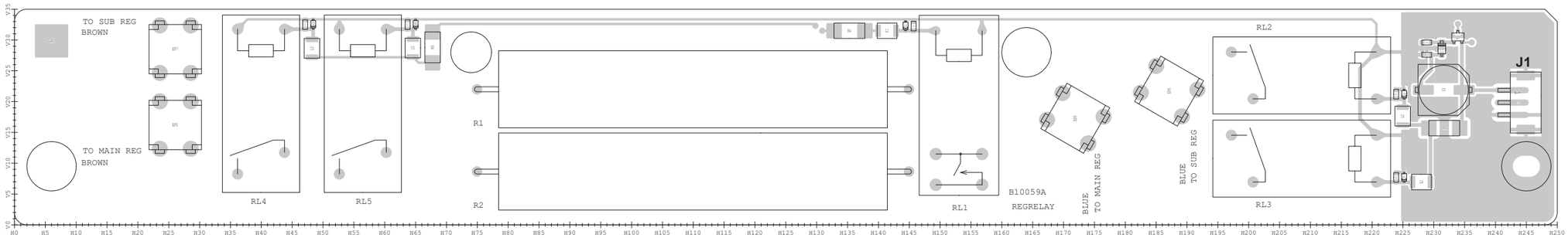
(Bottom view)



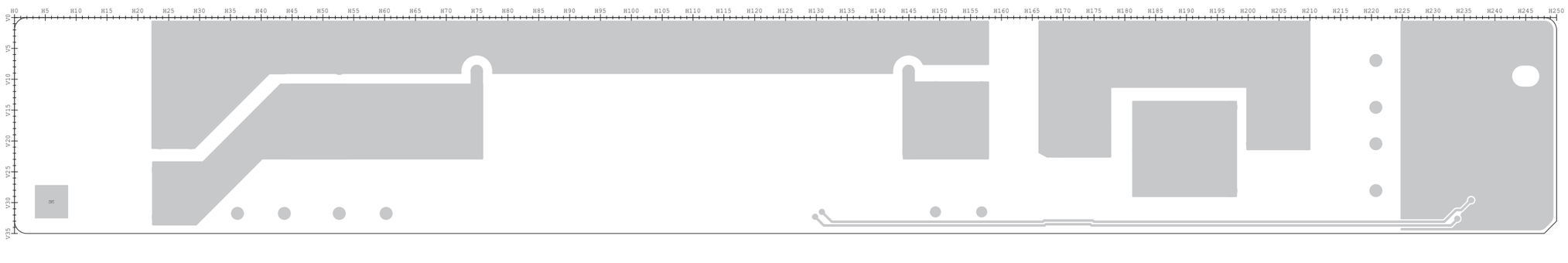
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

• REGRELAY UNIT (B-10059A)

(Top view)

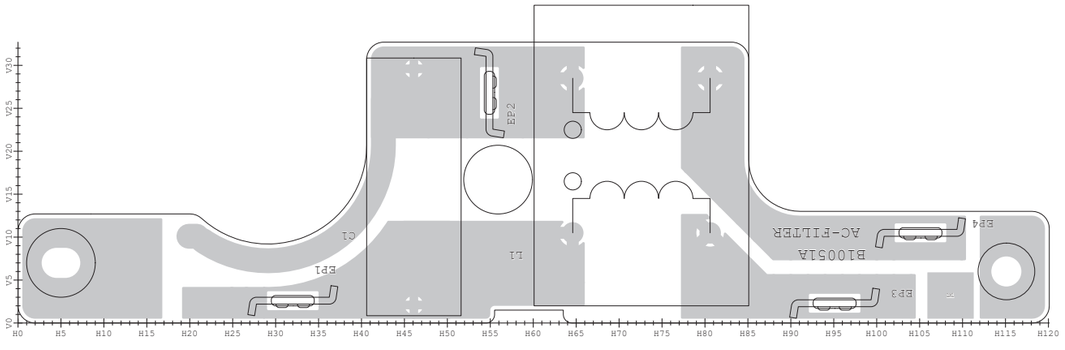


(Bottom view)

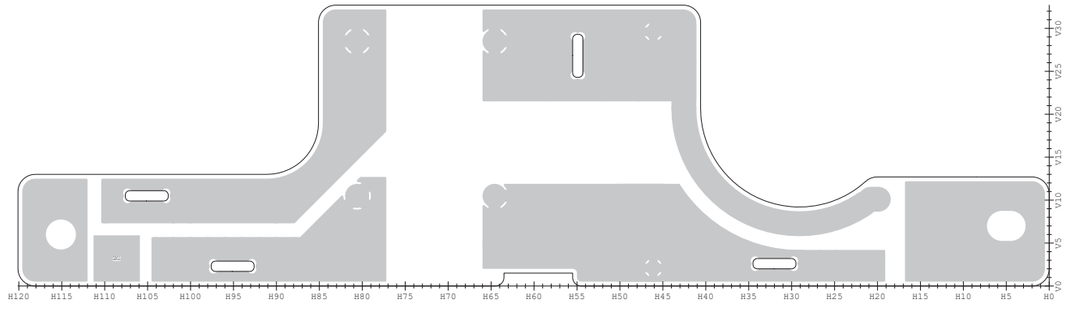


• AC-FILTER UNIT (B-10051A)

(Top view)

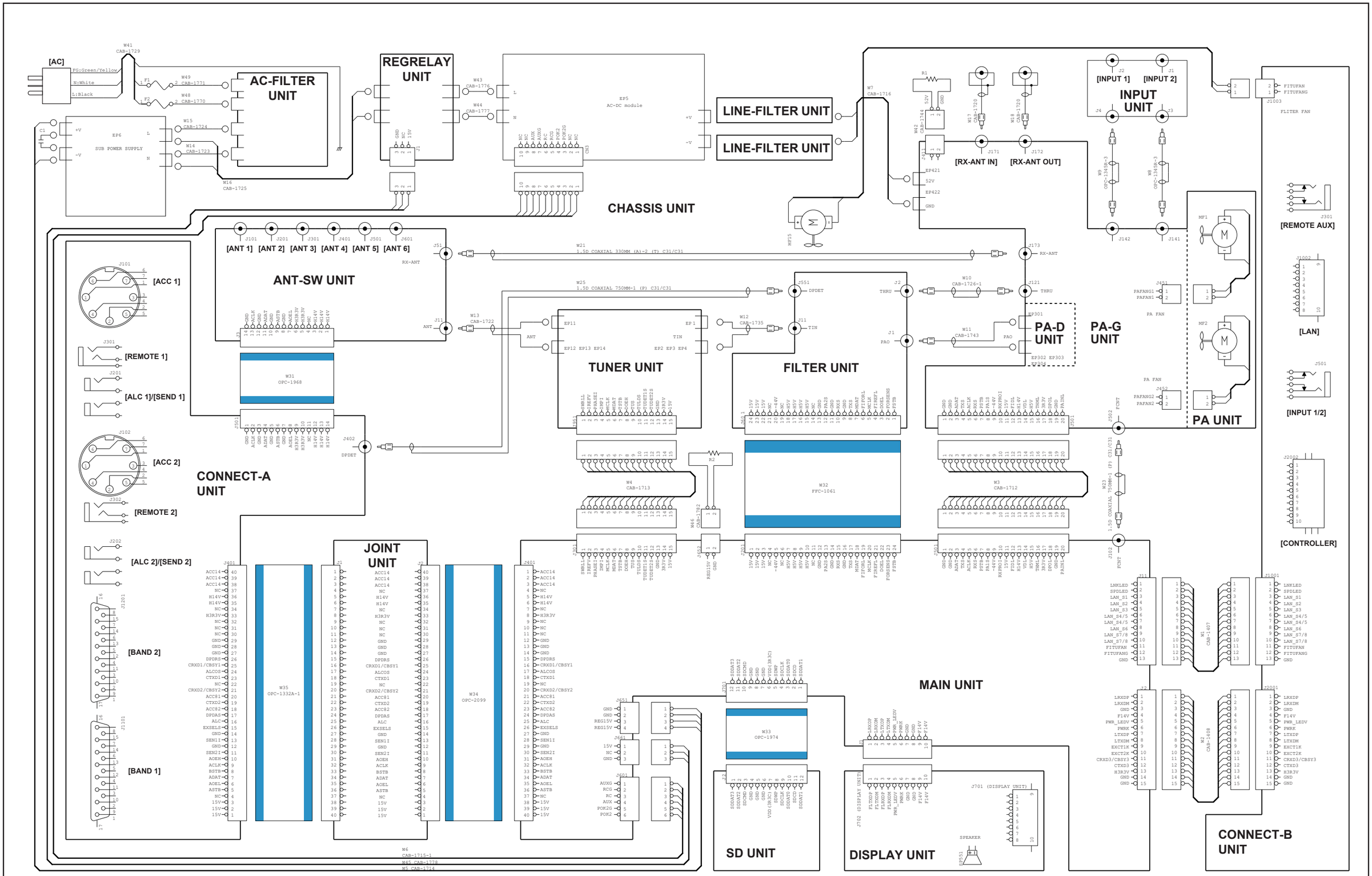


(Bottom view)



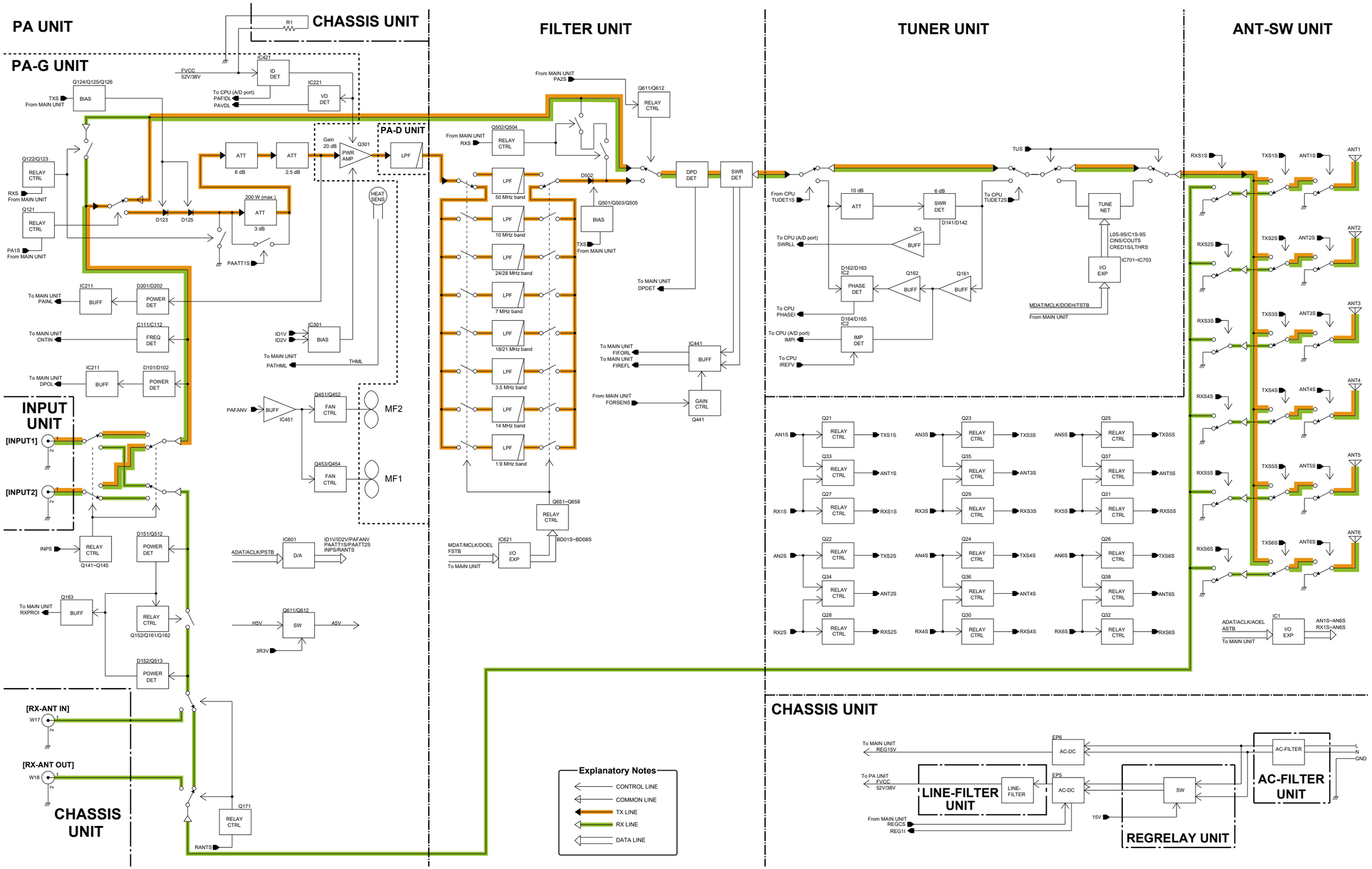
NOTE: Some parts may not be mounted on the PCB, depending on the transceiver version.
Refer to the PARTS LIST for the mounted parts.
The scale along the PCB indicates the corresponding “H/V LOCATION” on the parts list.

SECTION 10 GENERAL WIRING

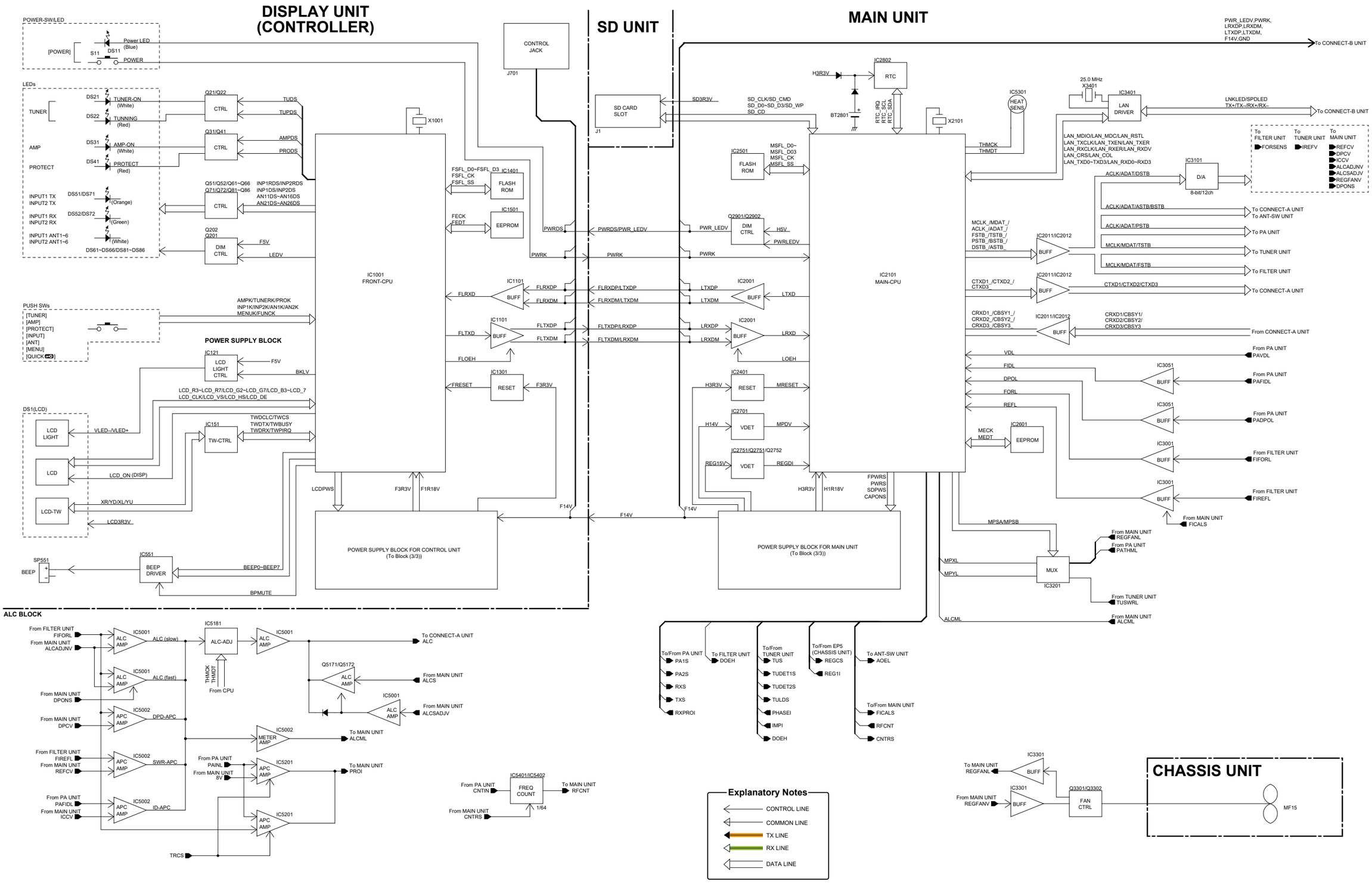


SECTION 11 BLOCK DIAGRAM

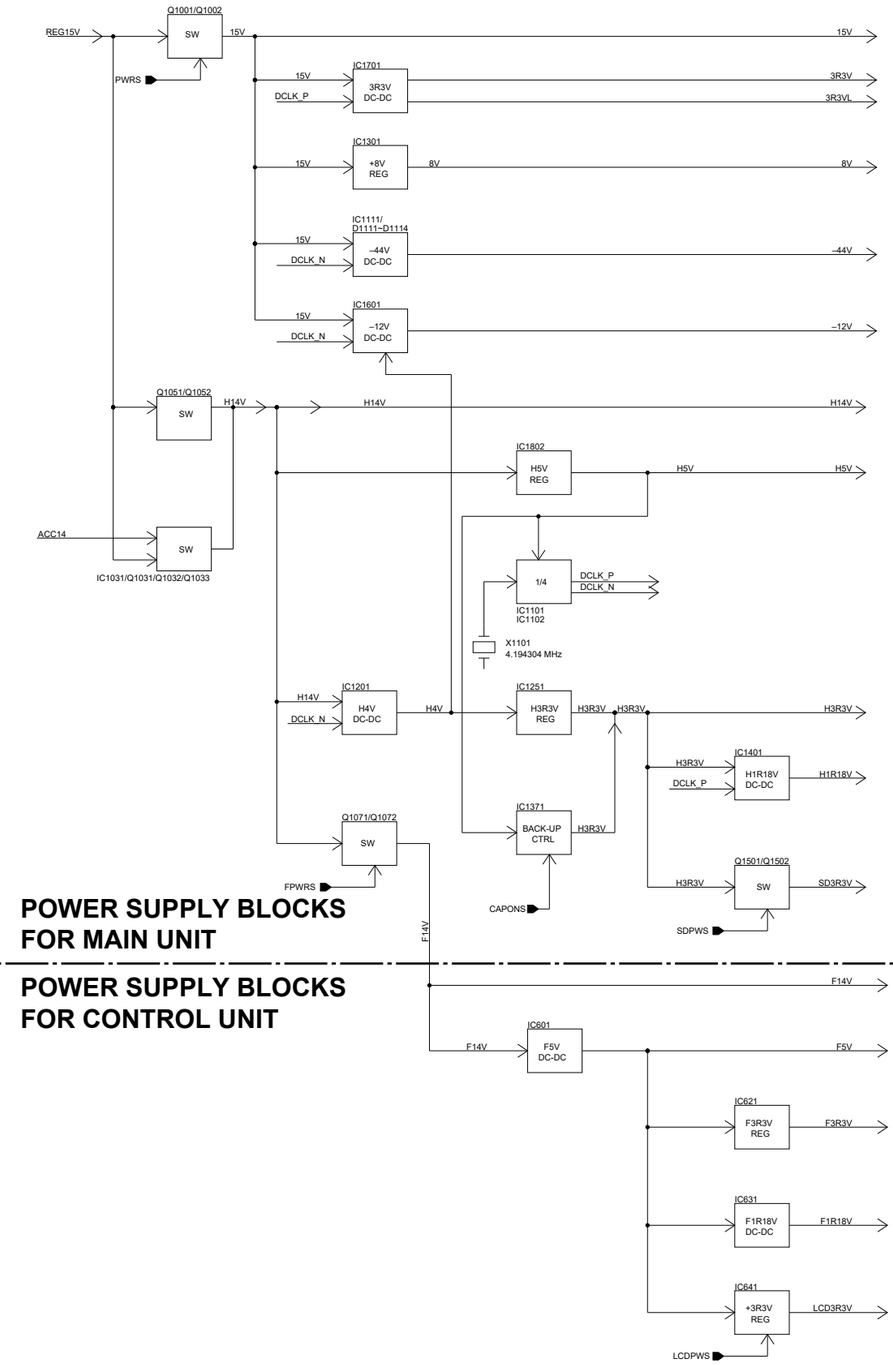
• Block (1/3)



• **Block (2/3)**


DISPLAY UNIT (CONTROLLER)
SD UNIT
MAIN UNIT
POWER-SW/LED
[POWER]
S11
DS11
Power LED (Blue)
POWER
LEDs
TUNER
DS21
TUNER-ON (White)
DS22
TUNNING (Red)
AMP
DS31
AMP-ON (White)
PROTECT
DS41
PROTECT (Red)
INPUT1 TX
INPUT2 TX
DS51/DS71
(Orange)
INPUT1 RX
INPUT2 RX
DS52/DS72
(Green)
INPUT1 ANT1~6
INPUT2 ANT1~6
(White)
DS61~DS66/DS81~DS86
Q21/Q22
Q31/Q41
Q51/Q52/Q61~Q66
Q71/Q72/Q81~Q86
Q202
Q201
CTRL
DIM CTRL
TUDS
TUPDS
AMPDS
PRODS
INP1RDS/INP2RDS
INP1DS/INP2DS
AN11DS~AN16DS
AN21DS~AN26DS
F5V
LEDV
PUSH SWs
[TUNER]
[AMP]
[PROTECT]
[INPUT]
[ANT]
[MENU]
[QUICK]
AMPK/TUNERK/PROK
INP1K/INP2K/AN1K/AN2K
MENUK/FUNCK
POWER SUPPLY BLOCK
IC121
LCD LIGHT CTRL
BKLV
DS1(LCD)
LCD LIGHT
LCD
LCD-TW
VLED-/VLED+
LCD_ON (DISP)
XR/YD/XL/YU
LCD3R3V
LCD_R3~LCD_R7/LCD_G2~LCD_G7/LCD_B3~LCD_7
LCD_CLK/LCD_VS/LCD_HS/LCD_DE
IC151
TW-CTRL
TWDCLC/TWCS
TWDTX/TWBUSY
TWDRX/TWPIRQ
SP551
BEEP
IC551
BEEP DRIVER
BEEP0~BEEP7
BPMUTE
IC1001
FRONT-CPU
X1001
CONTROL JACK
J701
IC1401
FLASH ROM
FSFL_D0~FSFL_D3
FSFL_CK
FSFL_SS
IC1501
EEPROM
FECK
FEDT
IC1101
BUFF
FLRXD
FLTXD
FLRXDP
FLRXDM
FLTXDP
FLTXDM
FLOEH
IC1301
RESET
FRESET
F3R3V
LCDPWS
F3R3V
F1R18V
POWER SUPPLY BLOCK FOR CONTROL UNIT
(To Block (3/3))
F14V
SD CARD SLOT
J1
SD3R3V
SD_CLK/SD_CMD
SD_D0~SD_D3/SD_WP
SD_CD
PWRDS
PWRDS/PWR_LEDV
PWRK
FLRXDP/LTXDP
FLRXDM/LTXDM
FLTXDP/LRXDP
FLTXDM/LRXDM
F14V
IC2101
MAIN-CPU
IC2802
RTC
H3R3V
BT2801
RTC_IRQ
RTC_SCL
RTC_SDA
X2101
IC2501
FLASH ROM
MSFL_D0~
MSFL_D03
MSFL_CK
MSFL_SS
Q2901/Q2902
DIM CTRL
PWR_LEDV
H5V
PWRLEDV
IC2001
BUFF
LTXDP
LTXDM
LRXDP
LRXDM
LTXD
LRXD
LOEH
IC2401
RESET
MRESET
H3R3V
IC2701
VDET
H14V
MPDV
IC2751/Q2751/Q2752
VDET
REG15V
REGDI
H3R3V
H1R18V
FPWRS
PWRS
SDPWS
CAPONS
POWER SUPPLY BLOCK FOR MAIN UNIT
(To Block (3/3))
F14V
PWR_LEDV,PWRK,
LRXDP,LRXDM,
LTXDP,LTXDM,
F14V,GND
To CONNECT-B UNIT
IC5301
HEAT SENS
THMCK
THMDT
IC3401
LAN DRIVER
25.0 MHz
X3401
LNKLED/SPDLED
TX+/TX-/RX+/RX-
To CONNECT-B UNIT
LAN_MDIO/LAN_MDC/LAN_RSTL
LAN_TXCLK/LAN_TXEN/LAN_TXER
LAN_RXCLK/LAN_RXER/LAN_RXDV
LAN_CRS/LAN_COL
LAN_TXD0~TXD3/LAN_RXD0~RXD3
To FILTER UNIT
FORSENS
To TUNER UNIT
IREFV
To MAIN UNIT
REFCV
DPCV
ICCV
ALCADJNV
ALCSADJV
REGFANV
DPONS
IC3101
D/A
8-bit/12ch
ACLK/ADAT/DSTB
ACLK/ADAT/ASTB/BSTB
To CONNECT-A UNIT
To ANT-SW UNIT
ACLK/ADAT/PSTB
To PA UNIT
MCLK/MDAT/TSTB
To TUNER UNIT
MCLK/MDAT/FSTB
To FILTER UNIT
MCLK_/MDAT_/
ACLK_/ADAT_/
FSTB_/TSTB_/
PSTB_/BSTB_/
DSTB_/ASTB_
IC2011/IC2012
BUFF
CTXD1_/CTXD2_/
CTXD3_
CTXD1/CTXD2/CTXD3
To CONNECT-A UNIT
CRXD1_/CBSY1_/
CRXD2_/CBSY2_/
CRXD3_/CBSY3_
CRXD1/CBSY1/
CRXD2/CBSY2/
CRXD3/CBSY3
From CONNECT-A UNIT
VDL
From PA UNIT
PAVDL
FIDL
IC3051
BUFF
From PA UNIT
PAFIDL
DPOL
FORL
REFL
IC3051
BUFF
From PA UNIT
PADPOL
MECK
MEDT
IC2601
EEPROM
IC3001
BUFF
From FILTER UNIT
FIFORL
IC3001
BUFF
From FILTER UNIT
FIREFL
From MAIN UNIT
FICALS
MPSA/MPSB
From MAIN UNIT
REGFANL
From PA UNIT
PATHML
MPXL
MPYL
MUX
IC3201
From TUNER UNIT
TUSWRL
ALCML
From MAIN UNIT
ALCML
ALC BLOCK
From FILTER UNIT
FIFORL
From MAIN UNIT
ALCADJNV
IC5001
ALC AMP
ALC (slow)
ALC (fast)
IC5181
ALC-ADJ
THMCK
THMDT
From CPU
To CONNECT-A UNIT
ALC
Q5171/Q5172
From MAIN UNIT
ALCS
From MAIN UNIT
ALCSADJV
From MAIN UNIT
DPONS
From MAIN UNIT
DPCV
IC5002
APC AMP
DPD-APC
From FILTER UNIT
FIREFL
From MAIN UNIT
REFCV
SWR-APC
From PA UNIT
PAFIDL
From MAIN UNIT
ICCV
ID-APC
IC5002
METER AMP
To MAIN UNIT
ALCML
From PA UNIT
PAINL
From MAIN UNIT
8V
IC5201
APC AMP
To MAIN UNIT
PROI
TRCS
IC5401/IC5402
FREQ COUNT
1/64
From PA UNIT
CNTIN
To MAIN UNIT
RFCNT
From MAIN UNIT
CNTRS
To/From PA UNIT
PA1S
PA2S
RXS
TXS
RXPROI
To FILTER UNIT
DOEH
To/From TUNER UNIT
TUS
TUDET1S
TUDET2S
TULDS
PHASEI
IMPI
DOEH
To/From EP5 (CHASSIS UNIT)
REGCS
REG1I
To ANT-SW UNIT
AOEL
To/From MAIN UNIT
FICALS
RFCNT
CNTRS
Explanatory Notes
CONTROL LINE
COMMON LINE
TX LINE
RX LINE
DATA LINE
IC3301
BUFF
To MAIN UNIT
REGFANL
IC3301
BUFF
From MAIN UNIT
REGFANV
Q3301/Q3302
FAN CTRL
CHASSIS UNIT
MF15

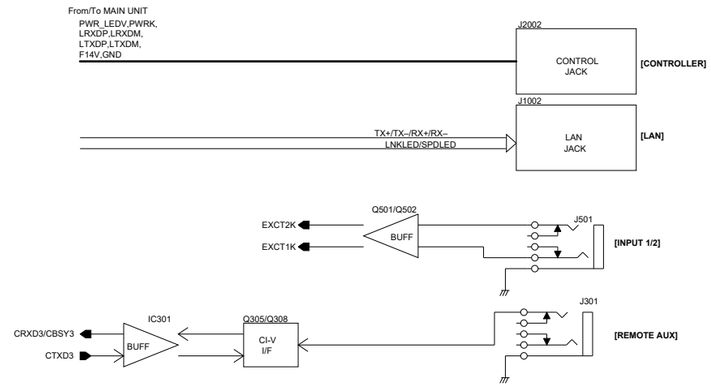
• **Block (3/3)**



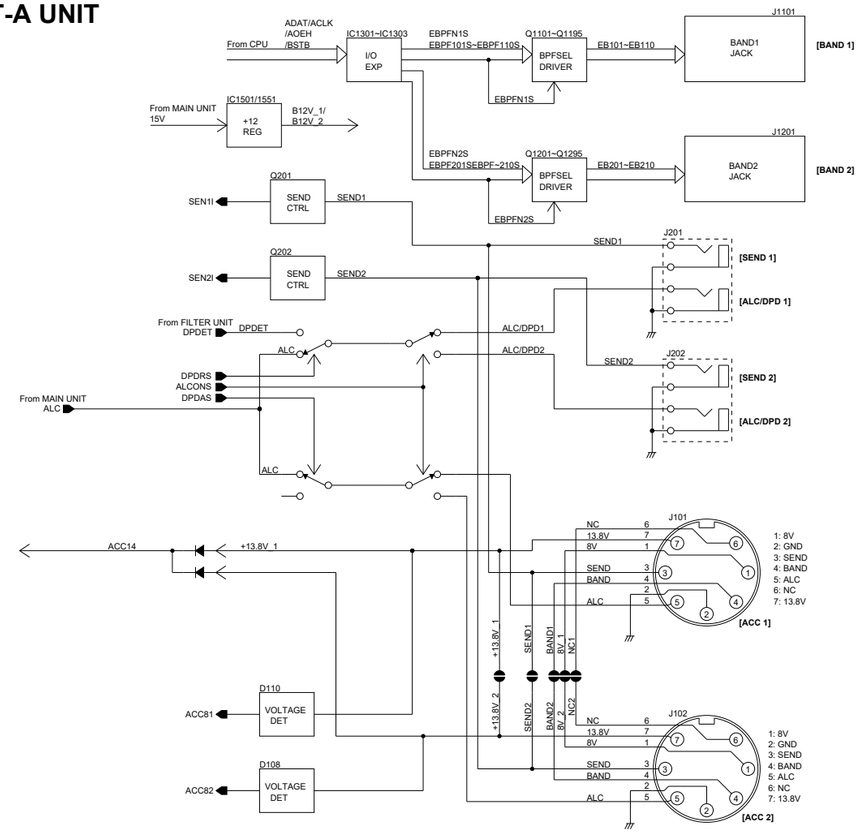
POWER SUPPLY BLOCKS FOR MAIN UNIT

POWER SUPPLY BLOCKS FOR CONTROL UNIT

CONNECT-B UNIT

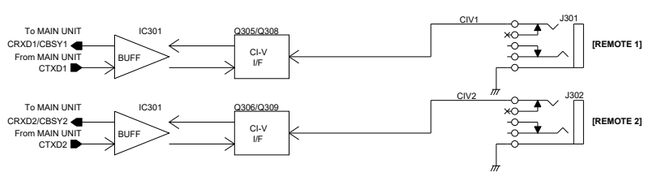


CONNECT-A UNIT



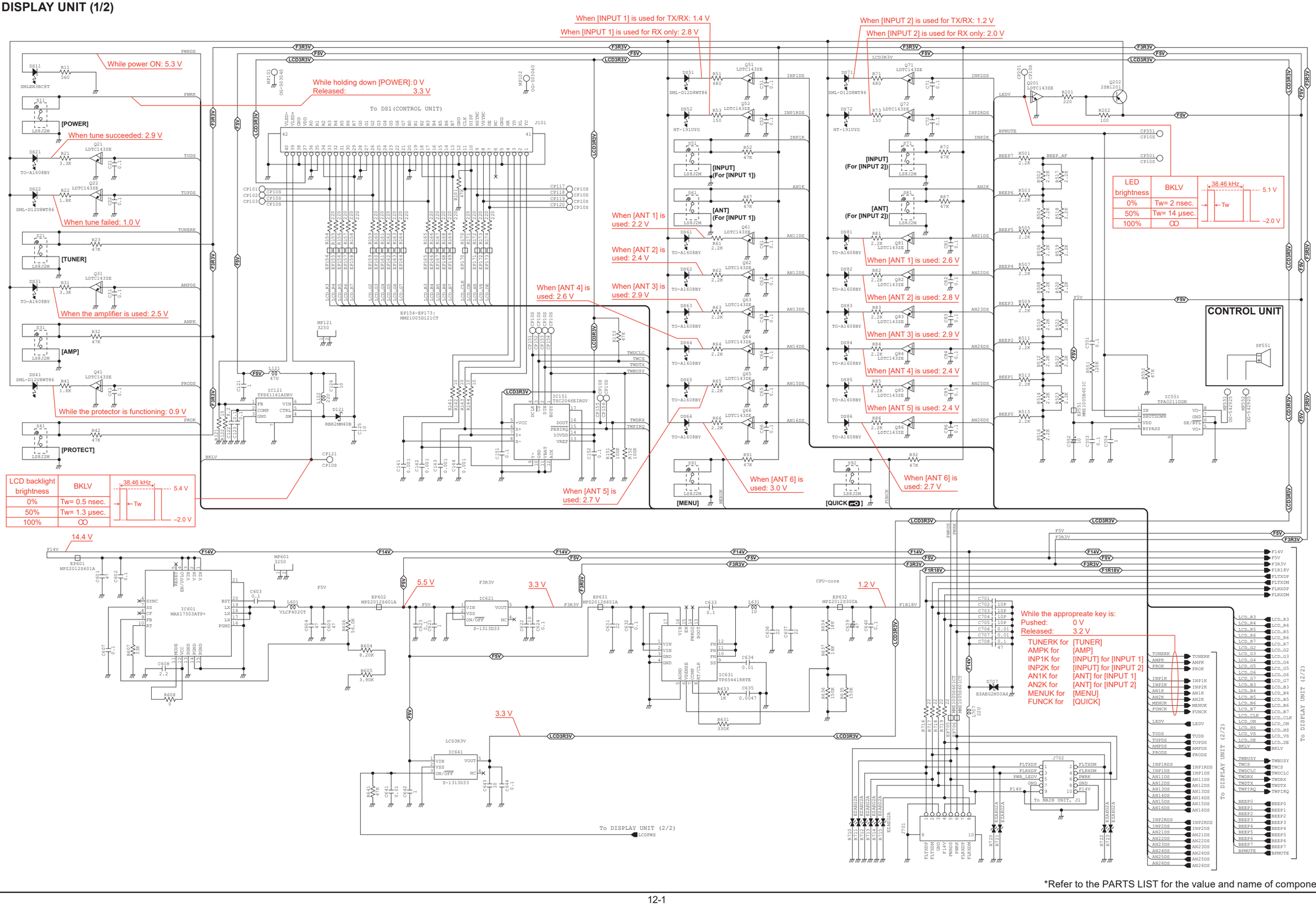
Explanatory Notes

- CONTROL LINE
- COMMON LINE
- TX LINE
- RX LINE
- DATA LINE



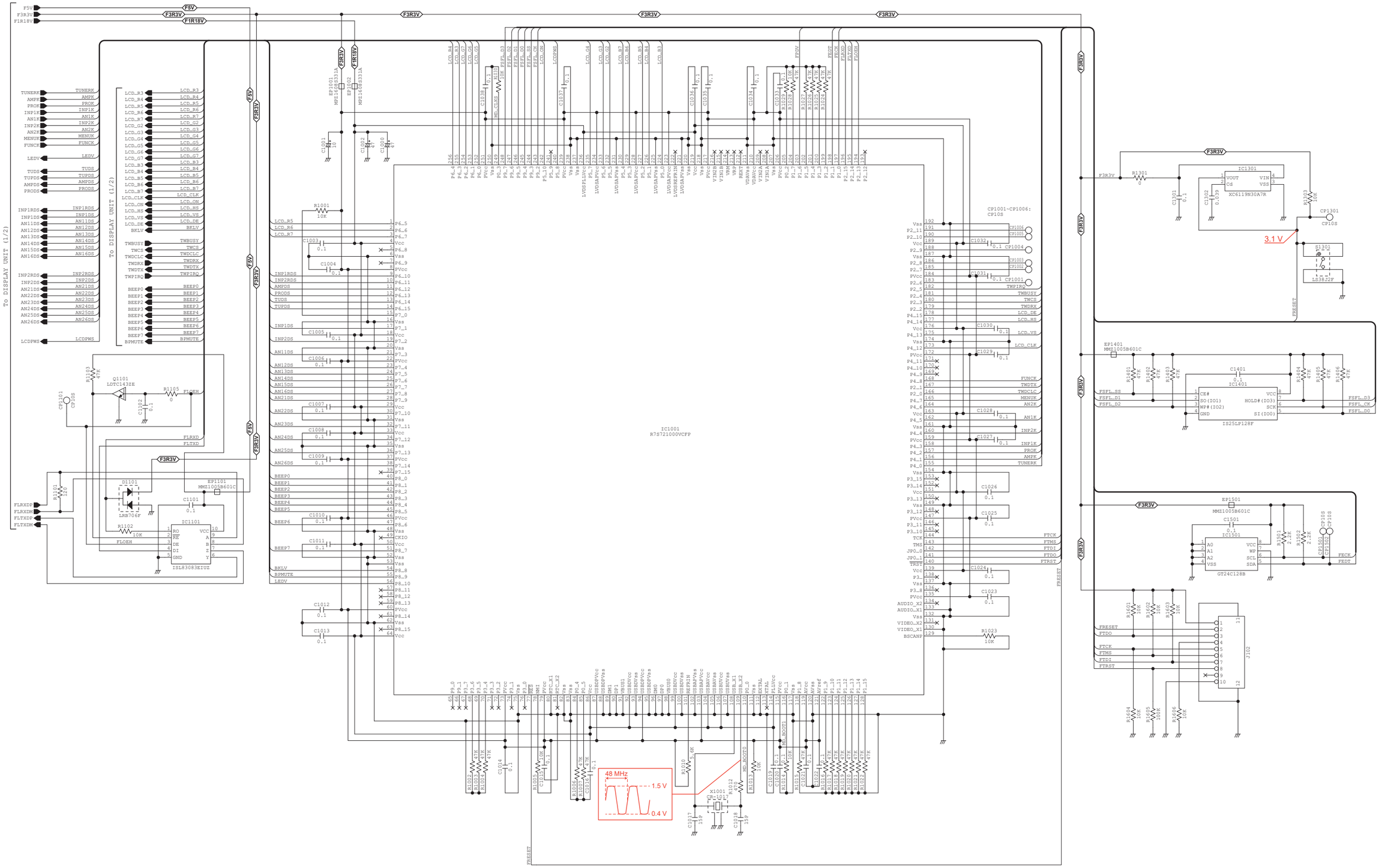
SECTION 12 VOLTAGE DIAGRAM

• DISPLAY UNIT (1/2)



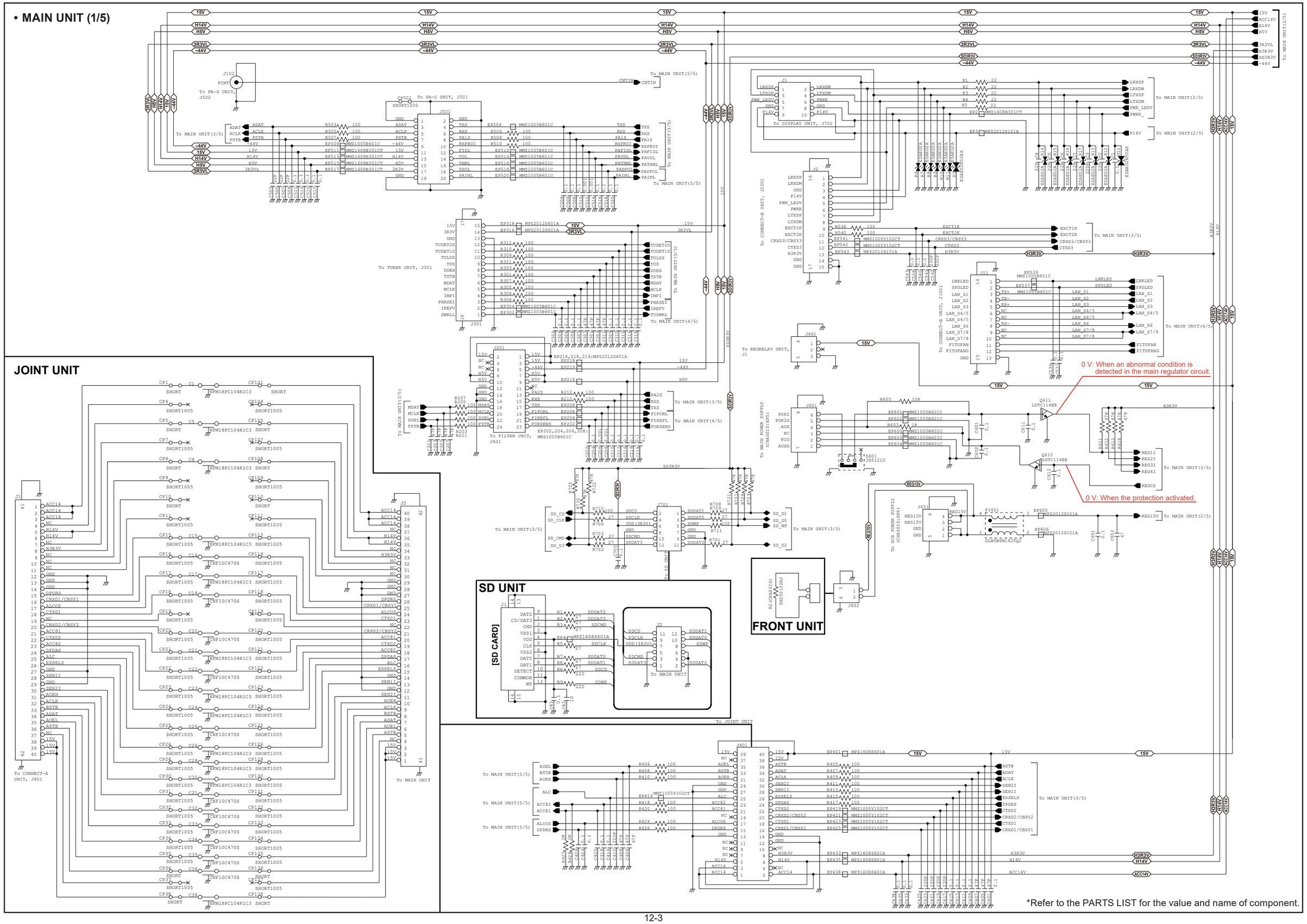
*Refer to the PARTS LIST for the value and name of component.

• DISPLAY UNIT (2/2)

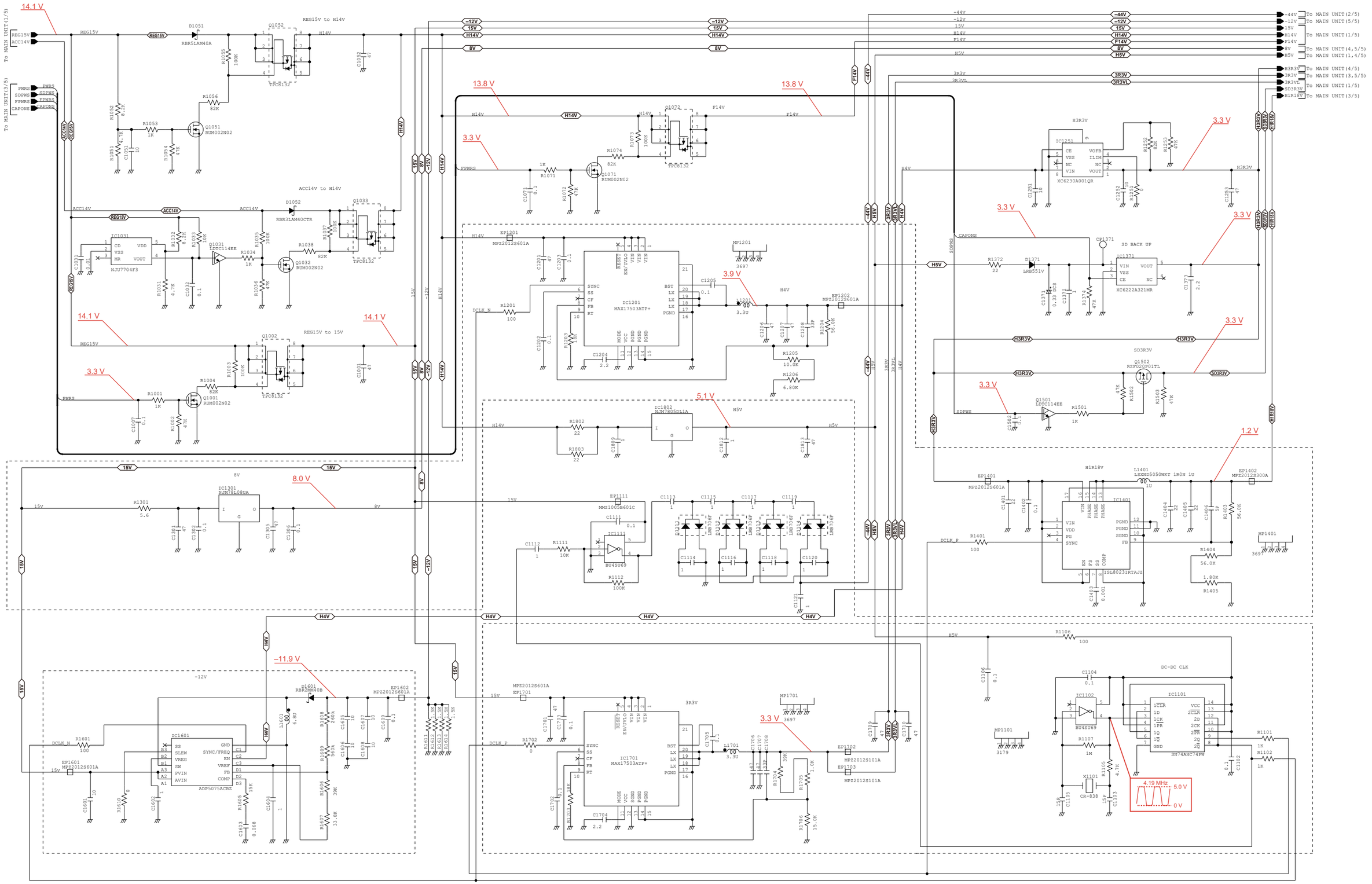


*Refer to the PARTS LIST for the value and name of component.

• MAIN UNIT (1/5)

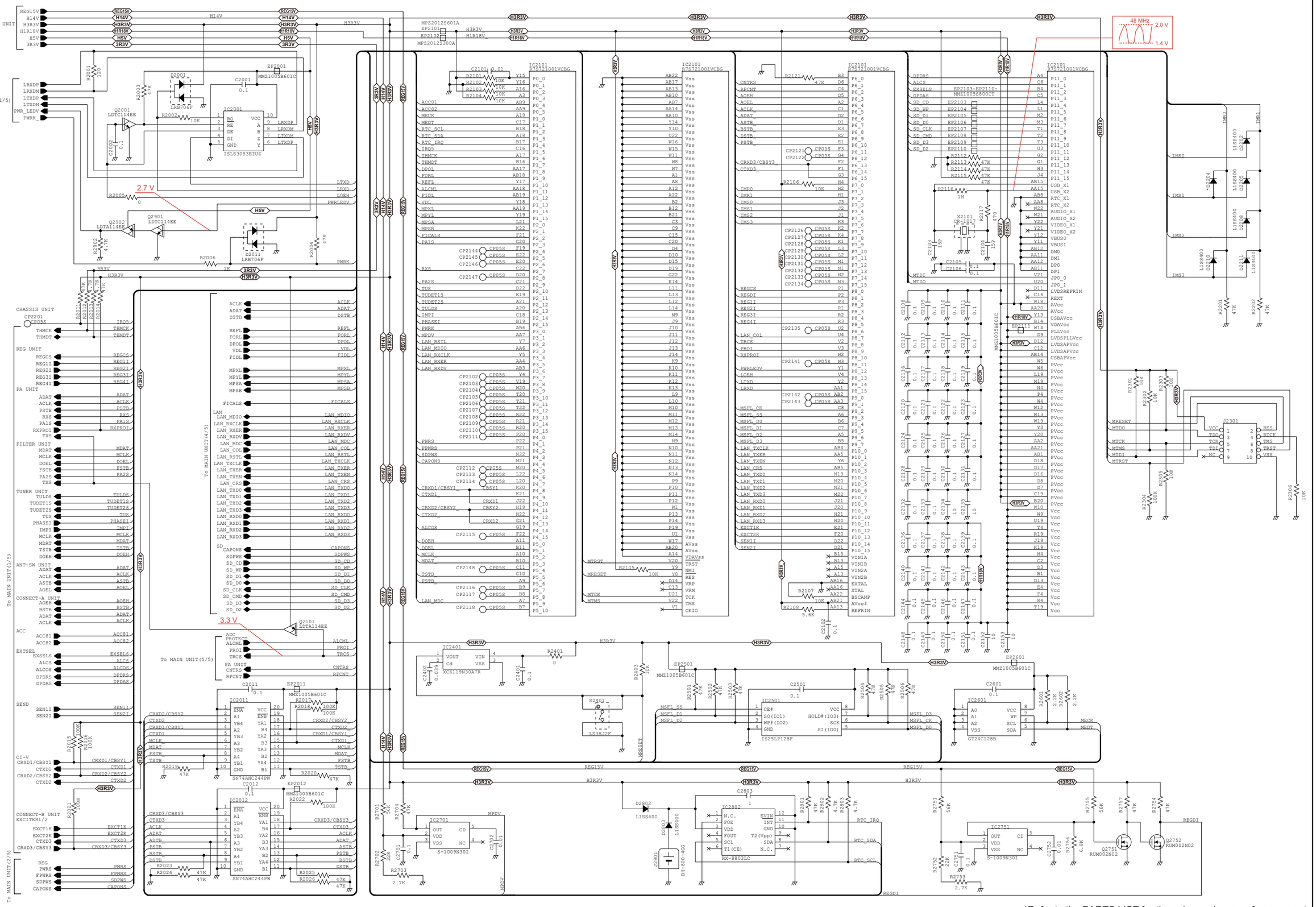

JOINT UNIT
SD UNIT
[SD CARD]
FRONT UNIT
To CONNECT-A UNIT, J401
To MAIN UNIT
To MAIN UNIT(5/5)
To MAIN UNIT(4/5)
To MAIN UNIT(3/5)
To MAIN UNIT(2/5)
To MAIN UNIT(1/5)
To TUNER UNIT, J301
To FILTER UNIT, J601
To DISPLAY UNIT, J702
To CONNECT-B UNIT, J2001
To CONNECT-B UNIT, J1001
To REGRELAY UNIT, J1
To MAIN POWER SUPPLY (CDA5281:EP2)
To SUB POWER SUPPLY (CDA5281:EP6)
To SD UNIT
To JOINT UNIT
0 V: When an abnormal condition is detected in the main regulator circuit.
0 V: When the protection activated.
*Refer to the PARTS LIST for the value and name of component.

• MAIN UNIT (2/5)

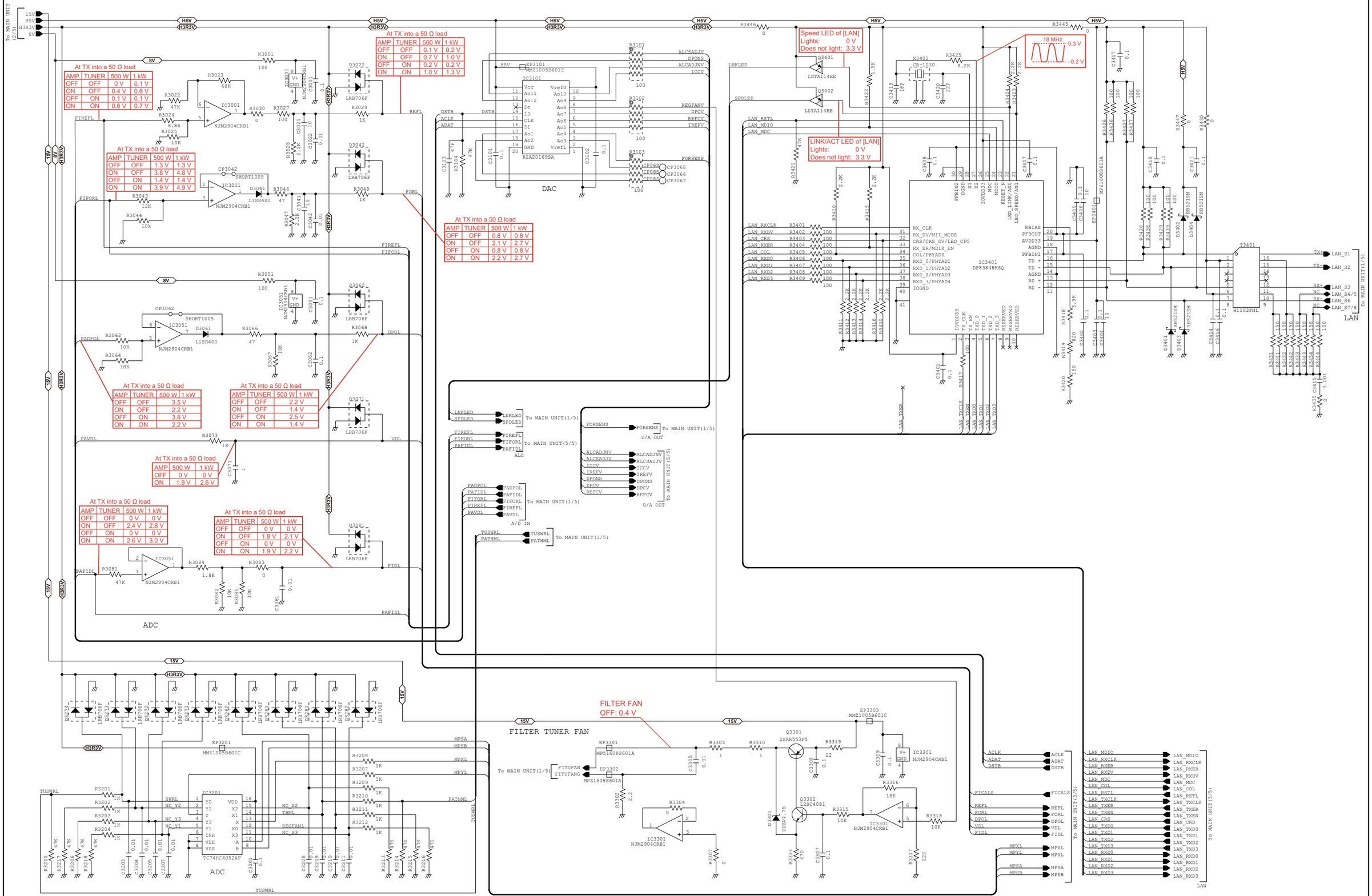


*Refer to the PARTS LIST for the value and name of component.

• MAIN UNIT (3/5)

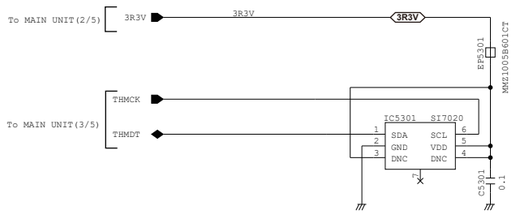

To MAIN UNIT (2/5)
To MAIN UNIT(1/5)
To MAIN UNIT(4/5)
To MAIN UNIT(1/5)
To MAIN UNIT(2/5)
To MAIN UNIT(5/5)
IC2101 R78721001VCBG
ISL83083EIUZ
LDTC114EE
LDTA114EE
LRB706F
XC6119N30A7R
S-1009N301
RX-8803LC
IS25LP128F
GT24C128B
SN74AHC244PW
LS38J2F
XW2101 CR-1017
MMZ1005B601C
MMZ1005S800CT
MMZ1005B601C
L1S400
48 MHz
2.0 V
1.4 V
2.7 V
3.3 V
REG15V
H14V
H3R3V
H1R18V
H5V
3R3V
LTXD
LRXD
LOEH
PWRLEDV
PWRK
MRESET
MTDO
MTCK
MTMS
MTDI
MTRST
RTC_IRQ
RTC_SDA
RTC_SCL
REGDI
MPDV
*Refer to the PARTS LIST for the value and name of component.

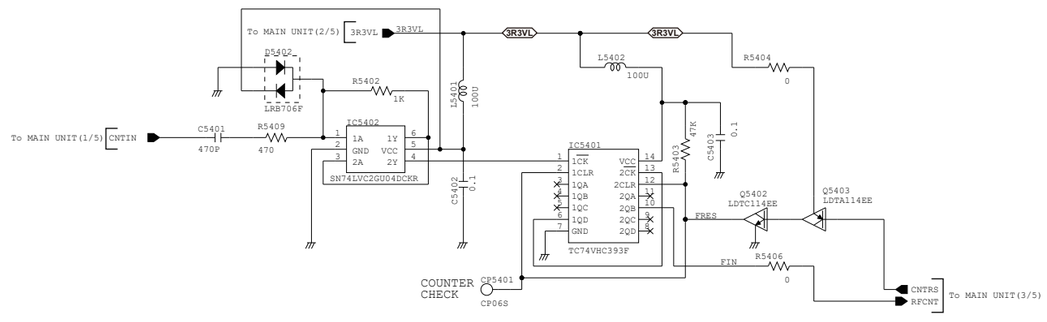
• MAIN UNIT (4/5)

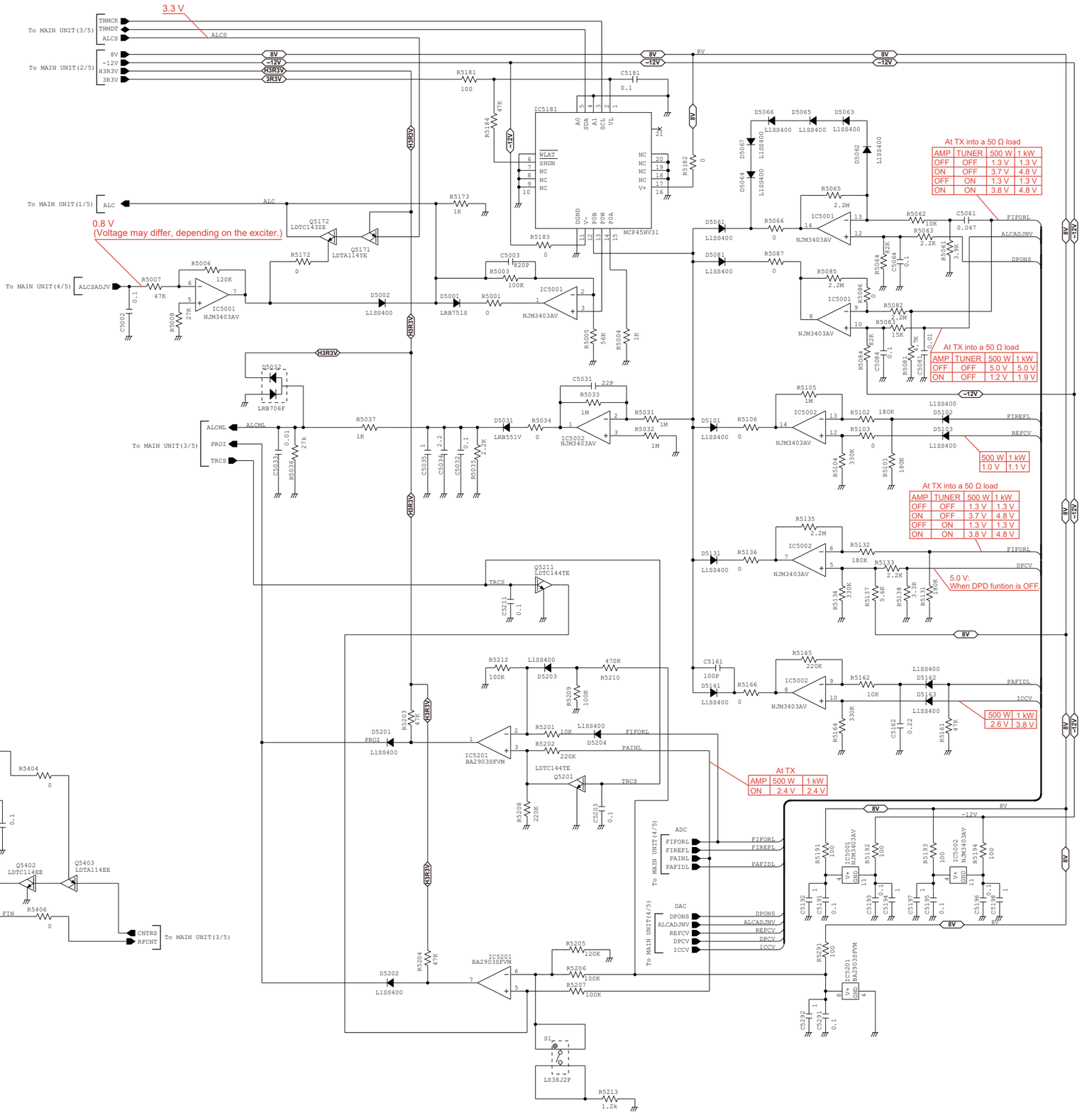


*Refer to the PARTS LIST for the value and name of component.

• MAIN UNIT (5/5)

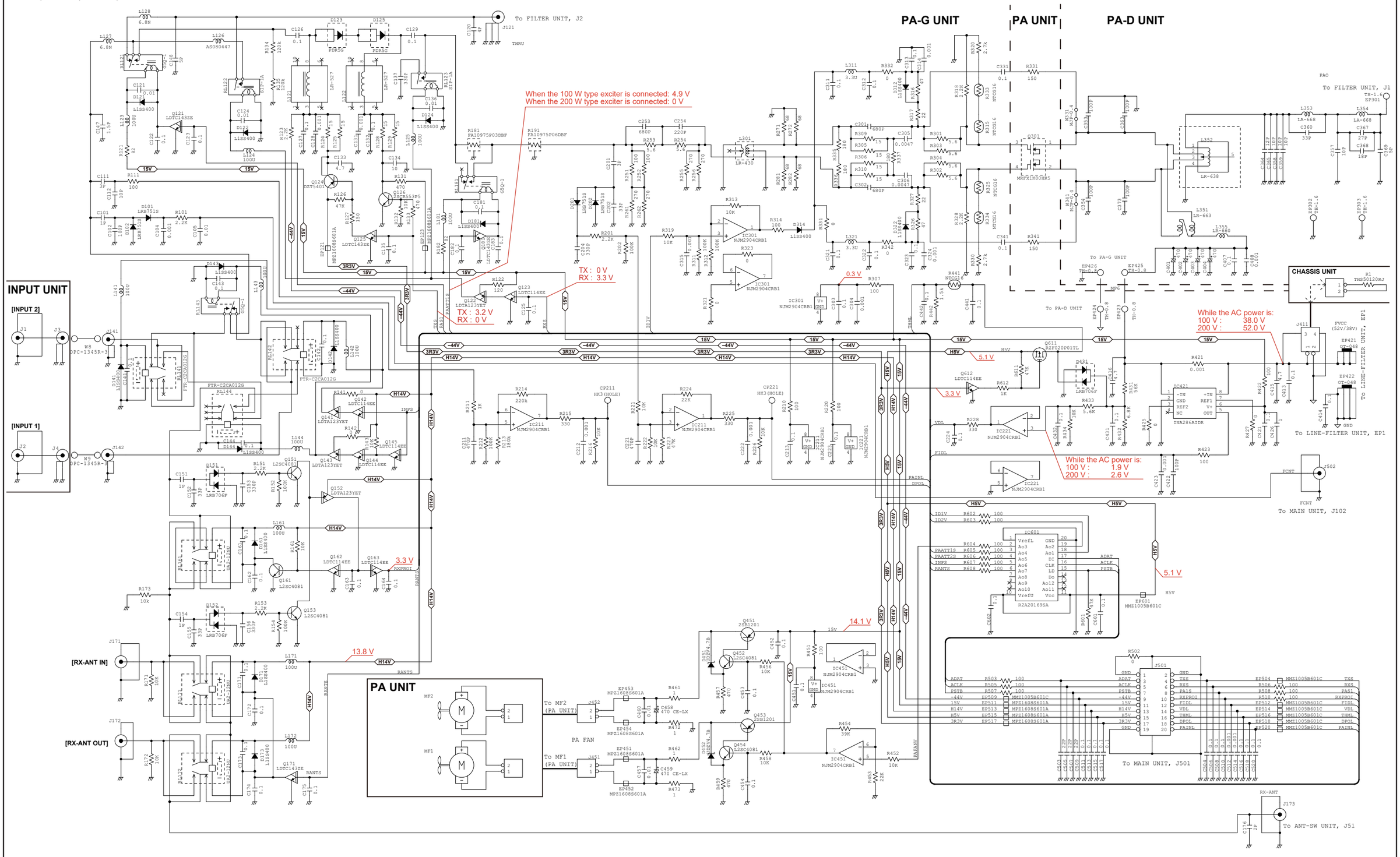






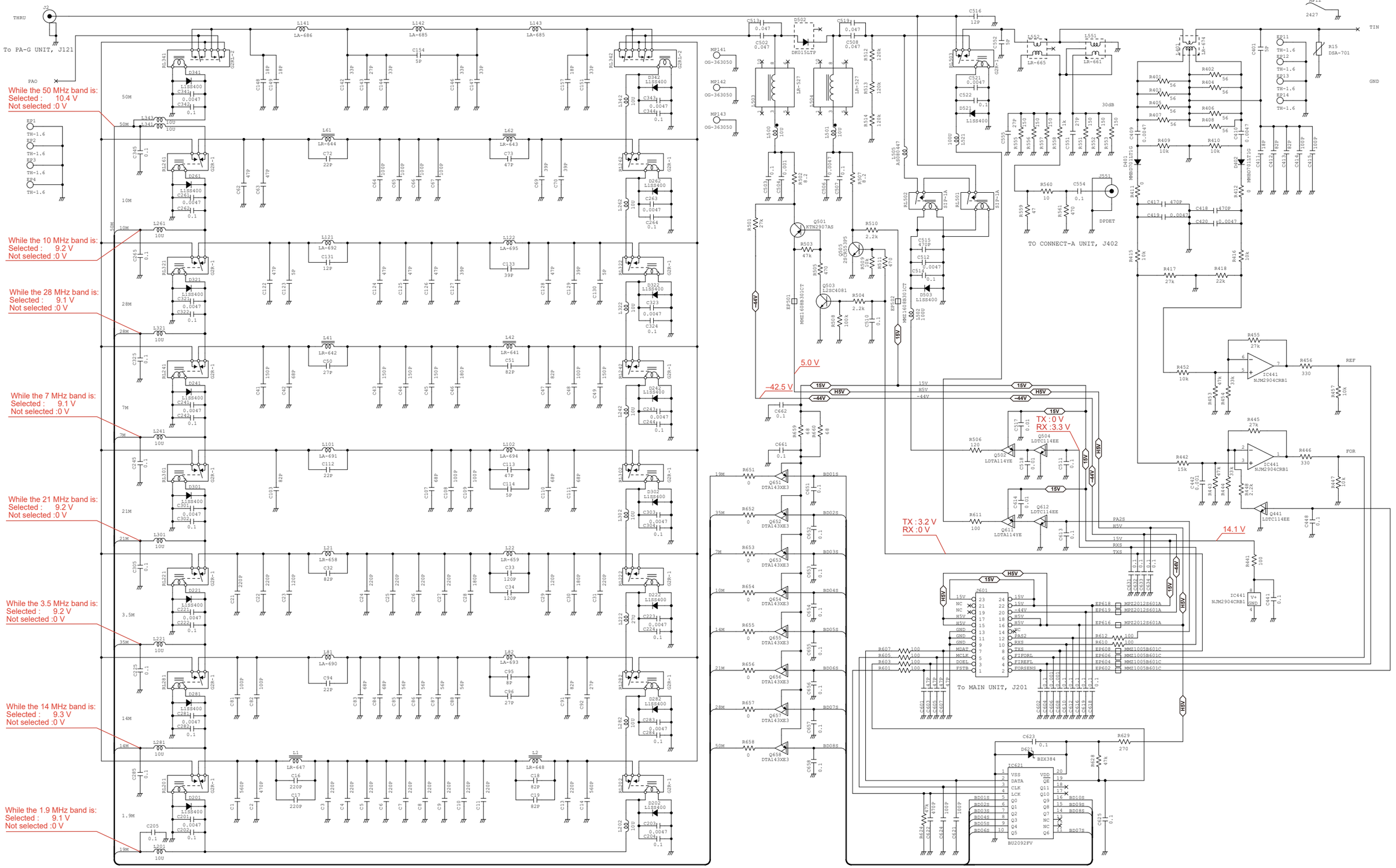
*Refer to the PARTS LIST for the value and name of component.

• PA, PA-G, PA-D, and INPUT UNITS



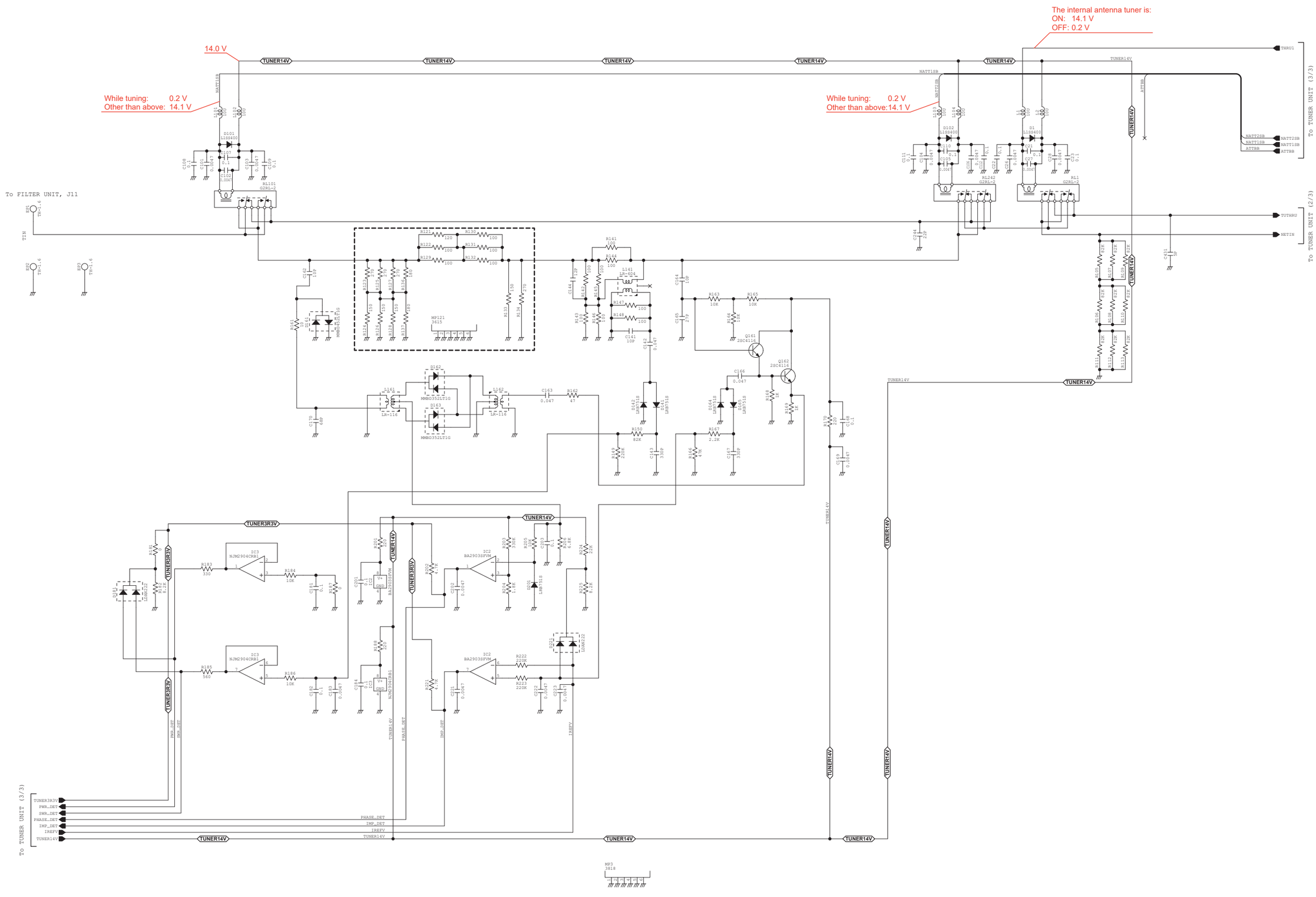
*Refer to the PARTS LIST for the value and name of component.

• FILTER UNIT



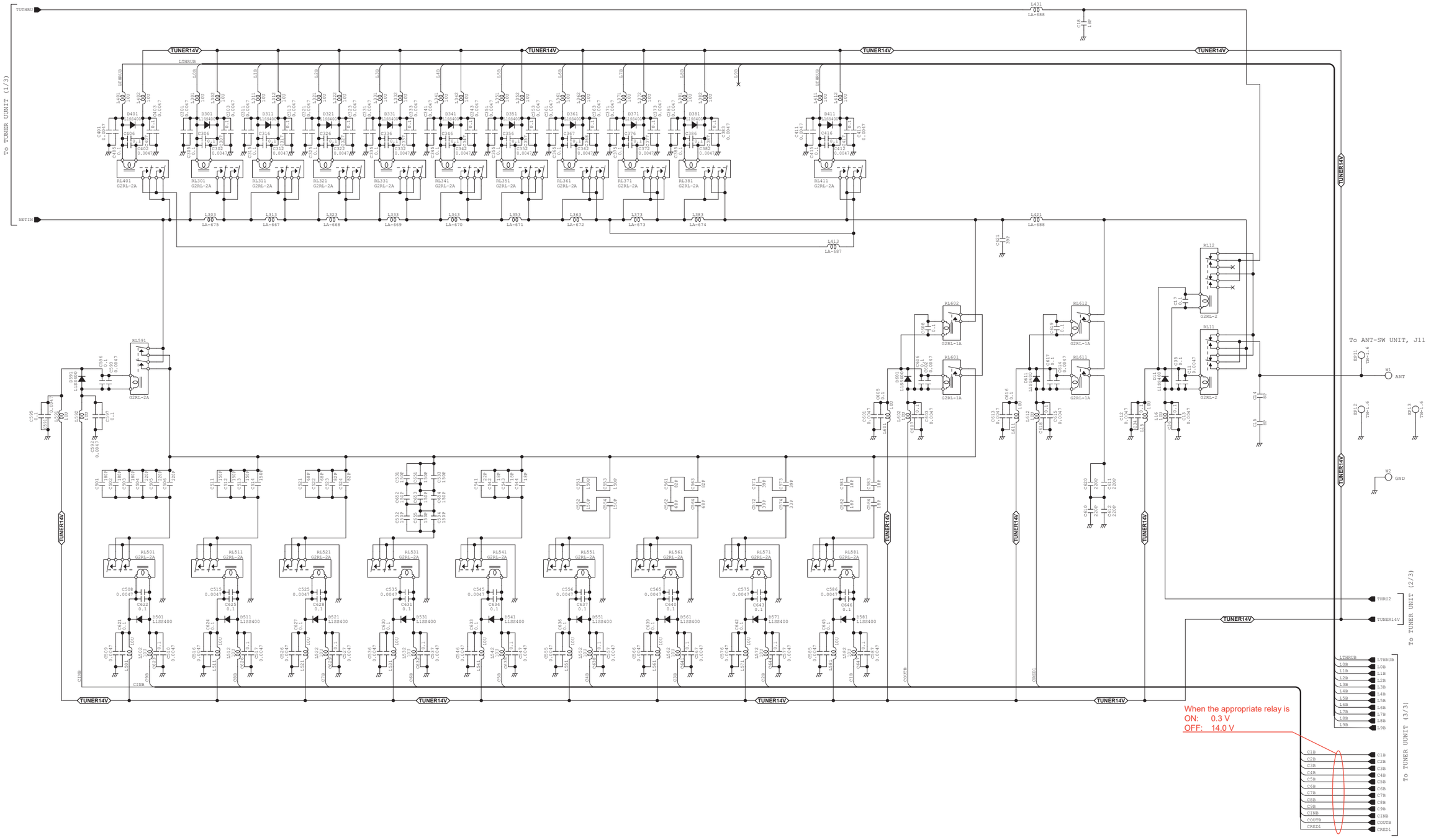
*Refer to the PARTS LIST for the value and name of component.

• TUNER UNIT (1/3)



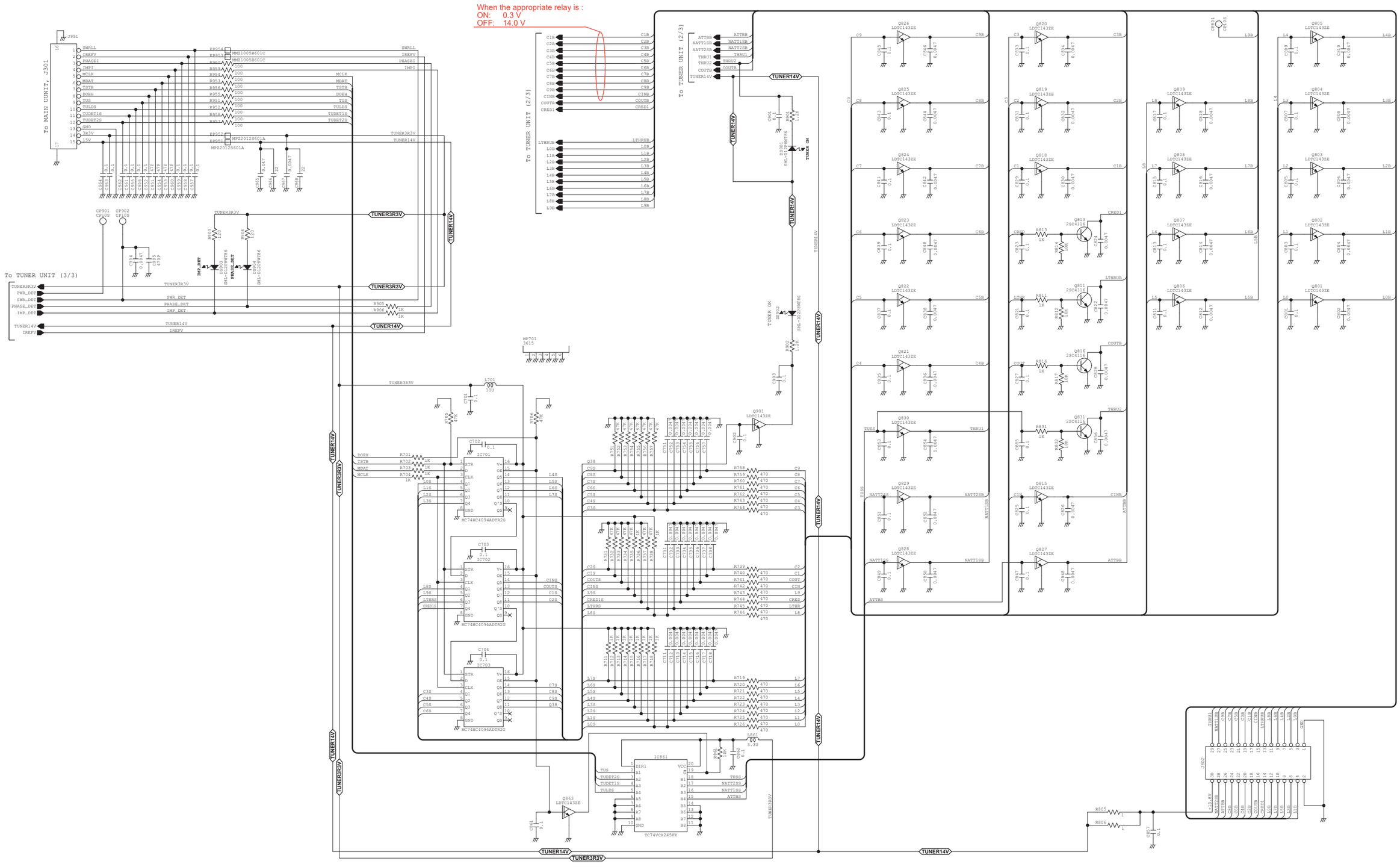
*Refer to the PARTS LIST for the value and name of component.

• TUNER UNIT (2/3)



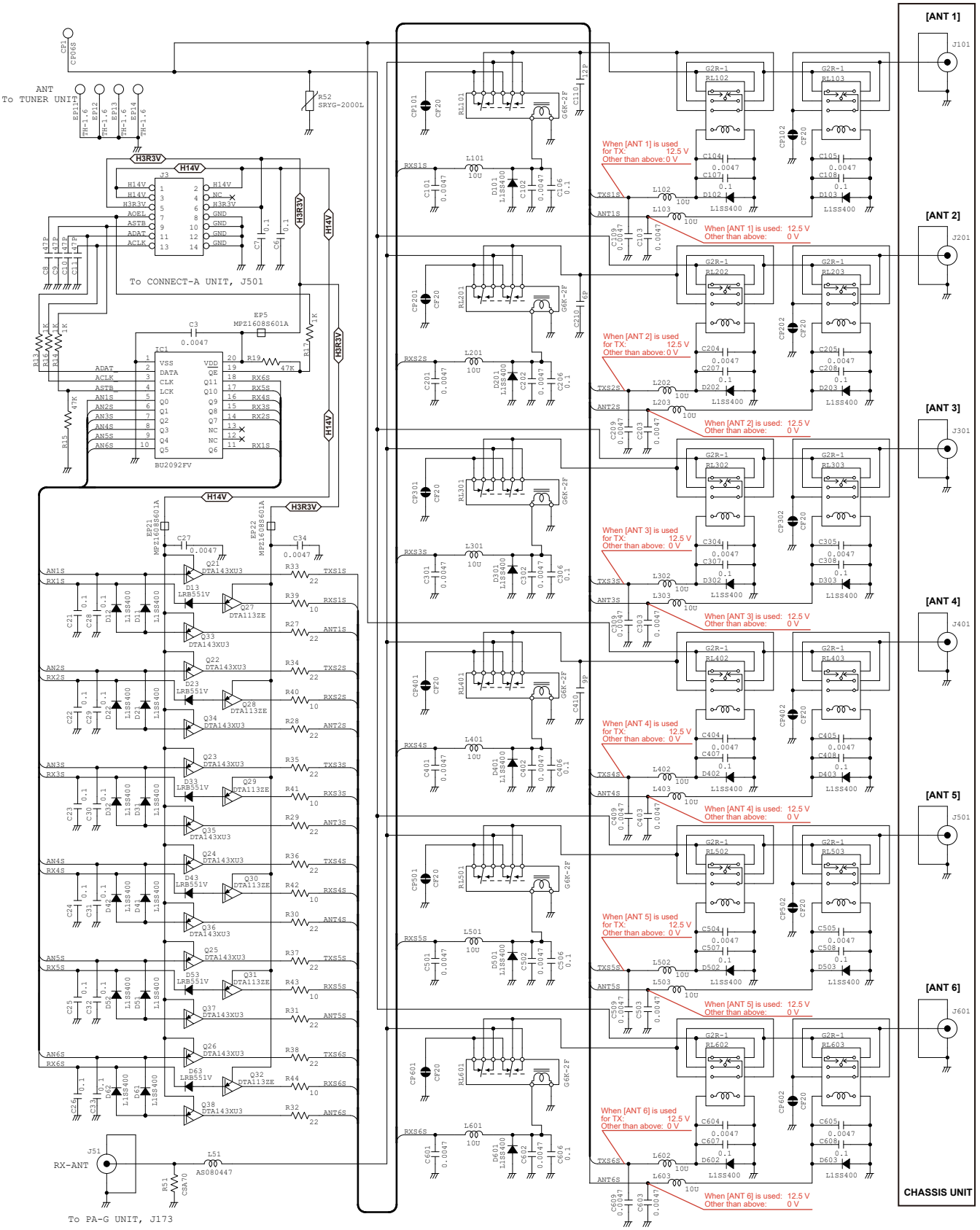
*Refer to the PARTS LIST for the value and name of component.

• TUNER UNIT (3/3)



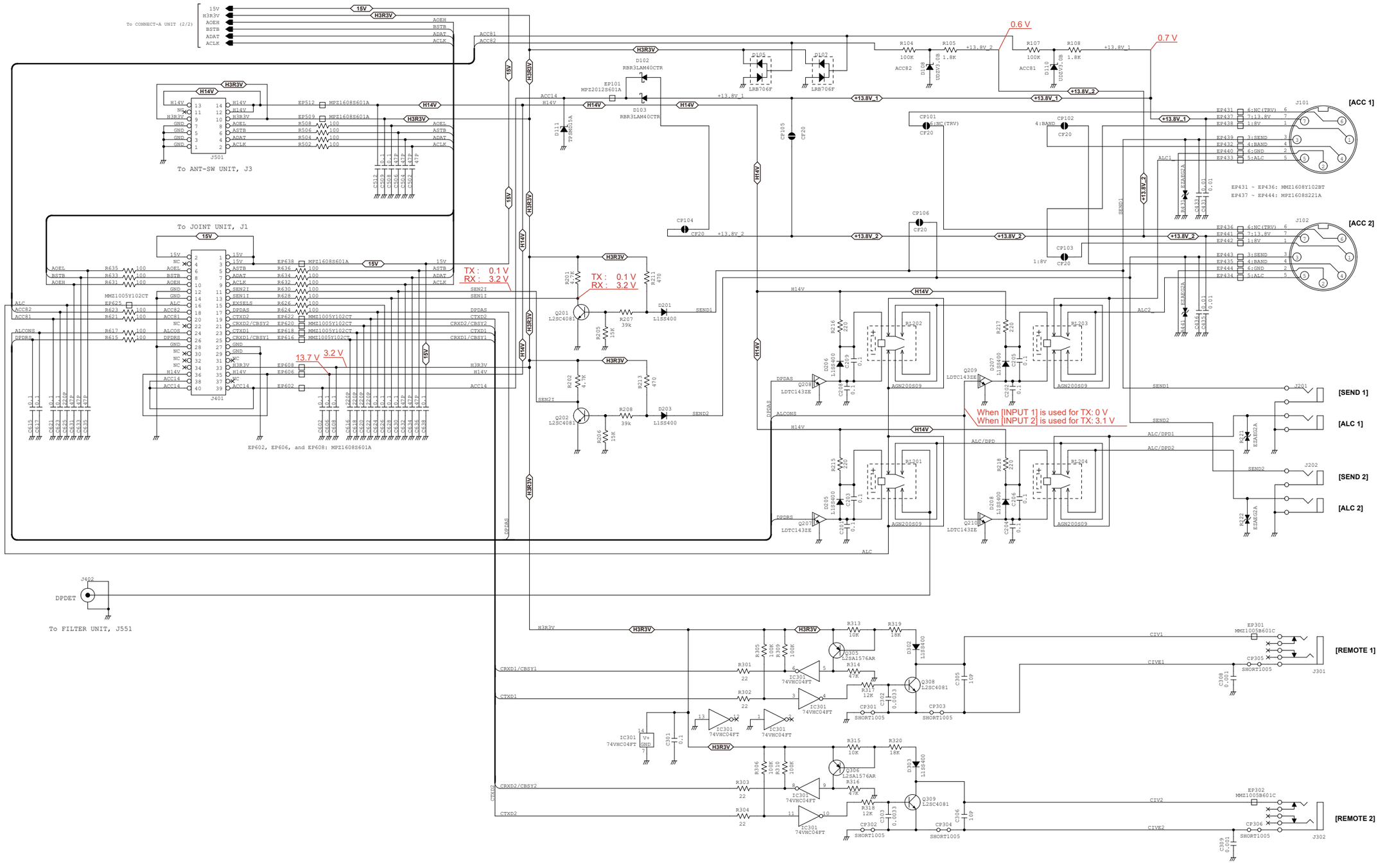
*Refer to the PARTS LIST for the value and name of component.

• ANT-SW UNIT



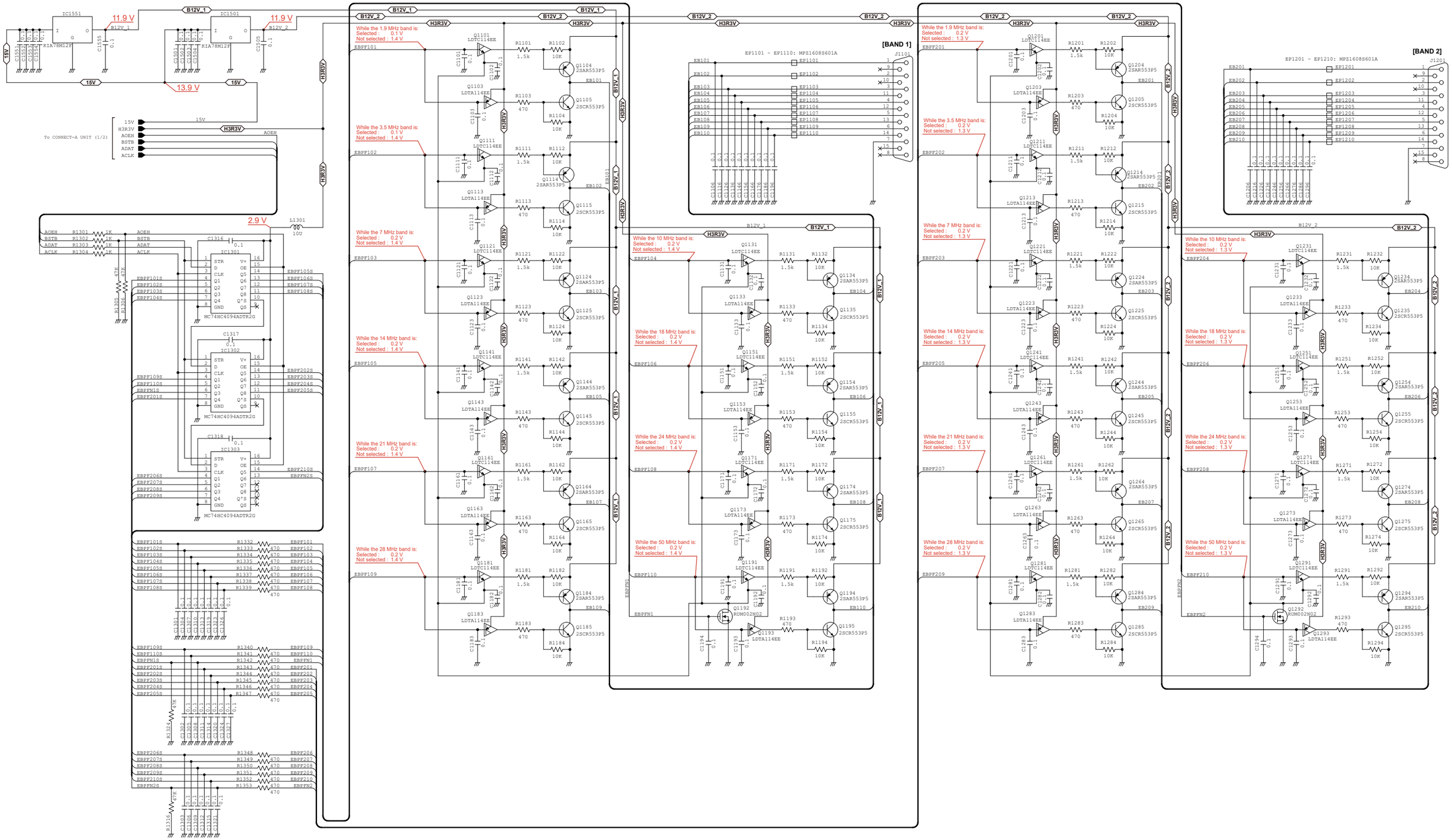
*Refer to the PARTS LIST for the value and name of component.

• CONNECT-A UNIT (1/2)



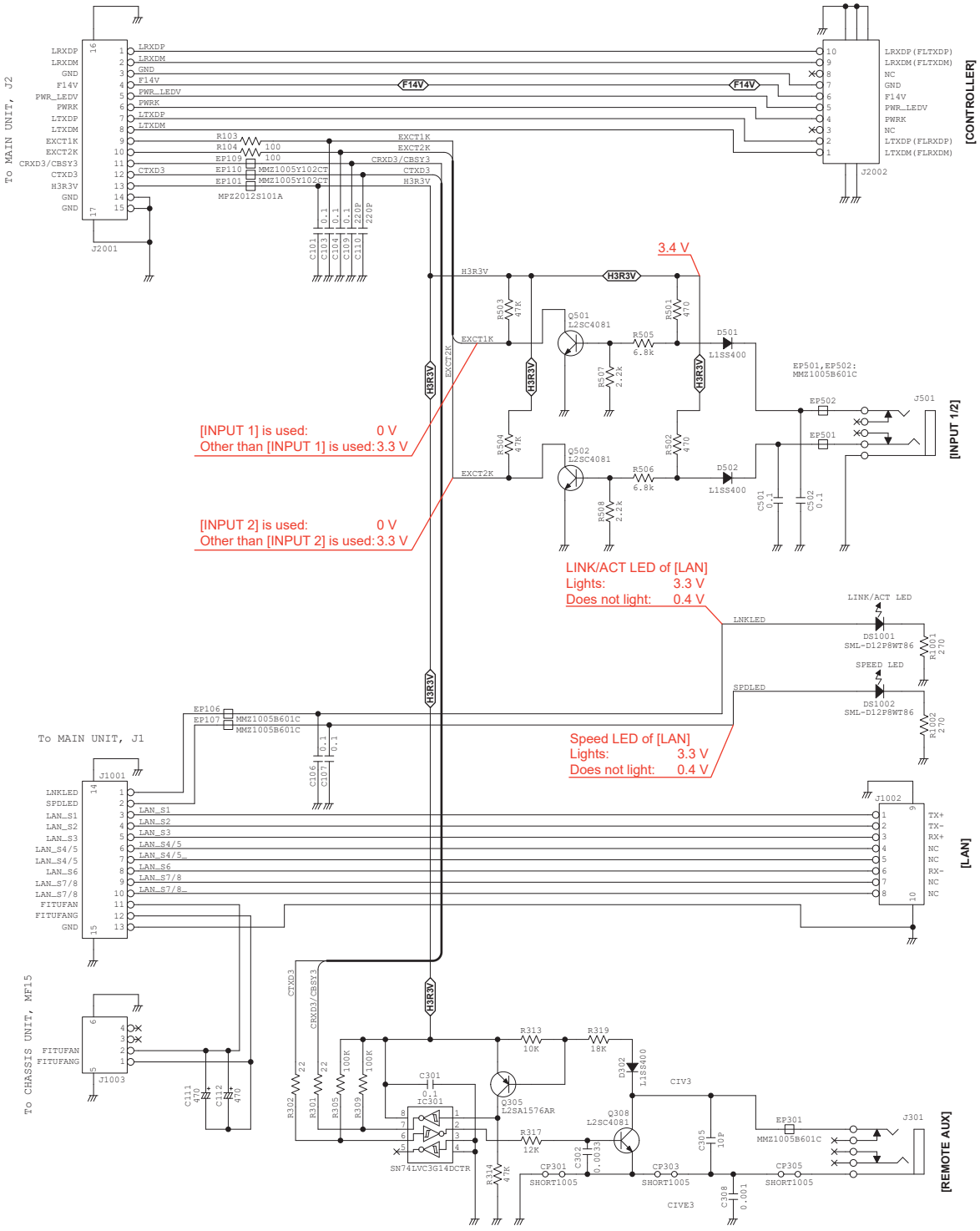
*Refer to the PARTS LIST for the value and name of component.

• CONNECT-A UNIT (2/2)



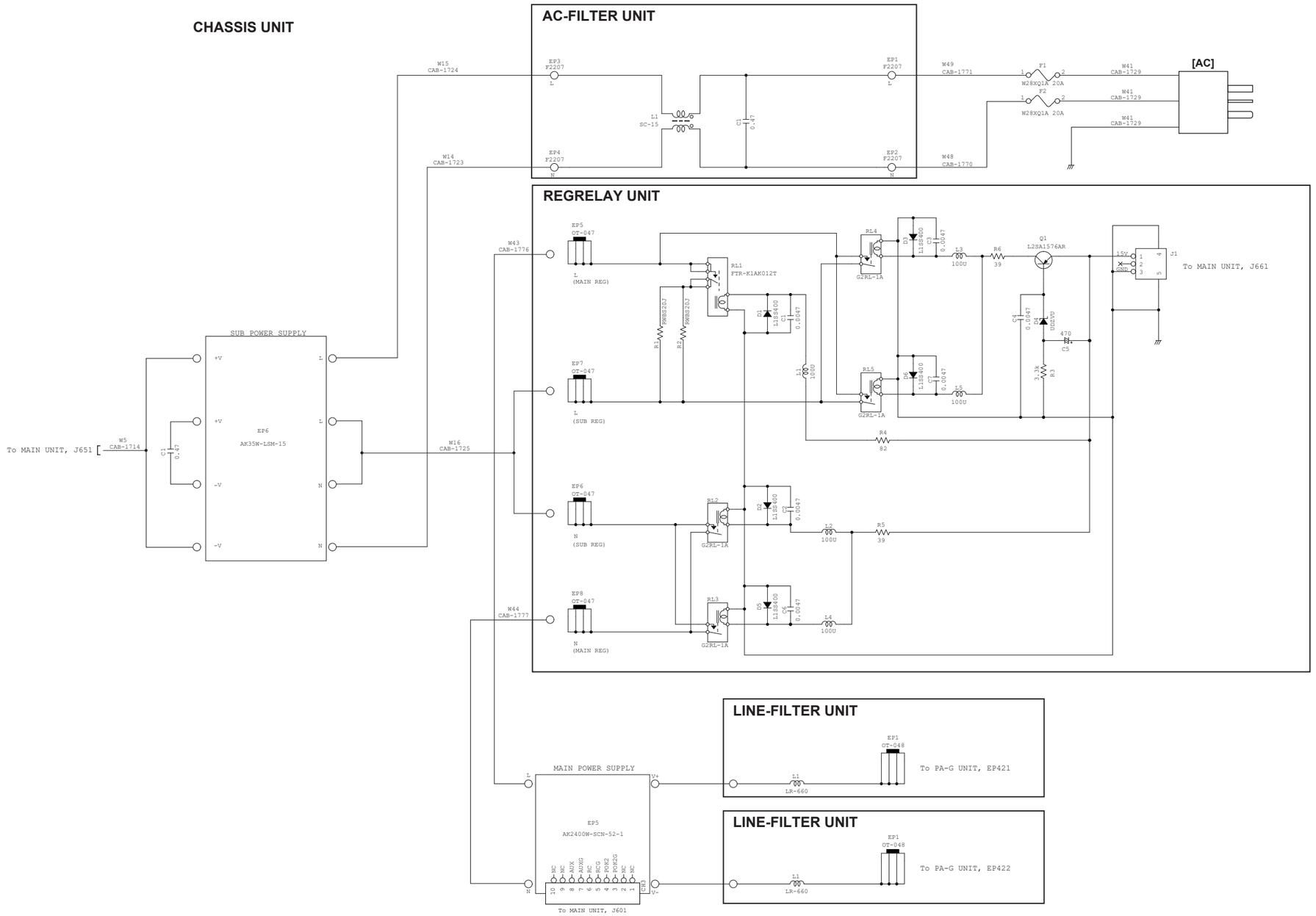
*Refer to the PARTS LIST for the value and name of component.

• CONNECT-B UNIT



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

• **LINE-FILTER, AC-FILTER, and REGRELAY UNITS**



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

If you have any inquiries regarding service, contact your distributor. The contact number or E-mail address of your distributor can be found on our website.

https://www.icomjapan.com/

How the World Communicates

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