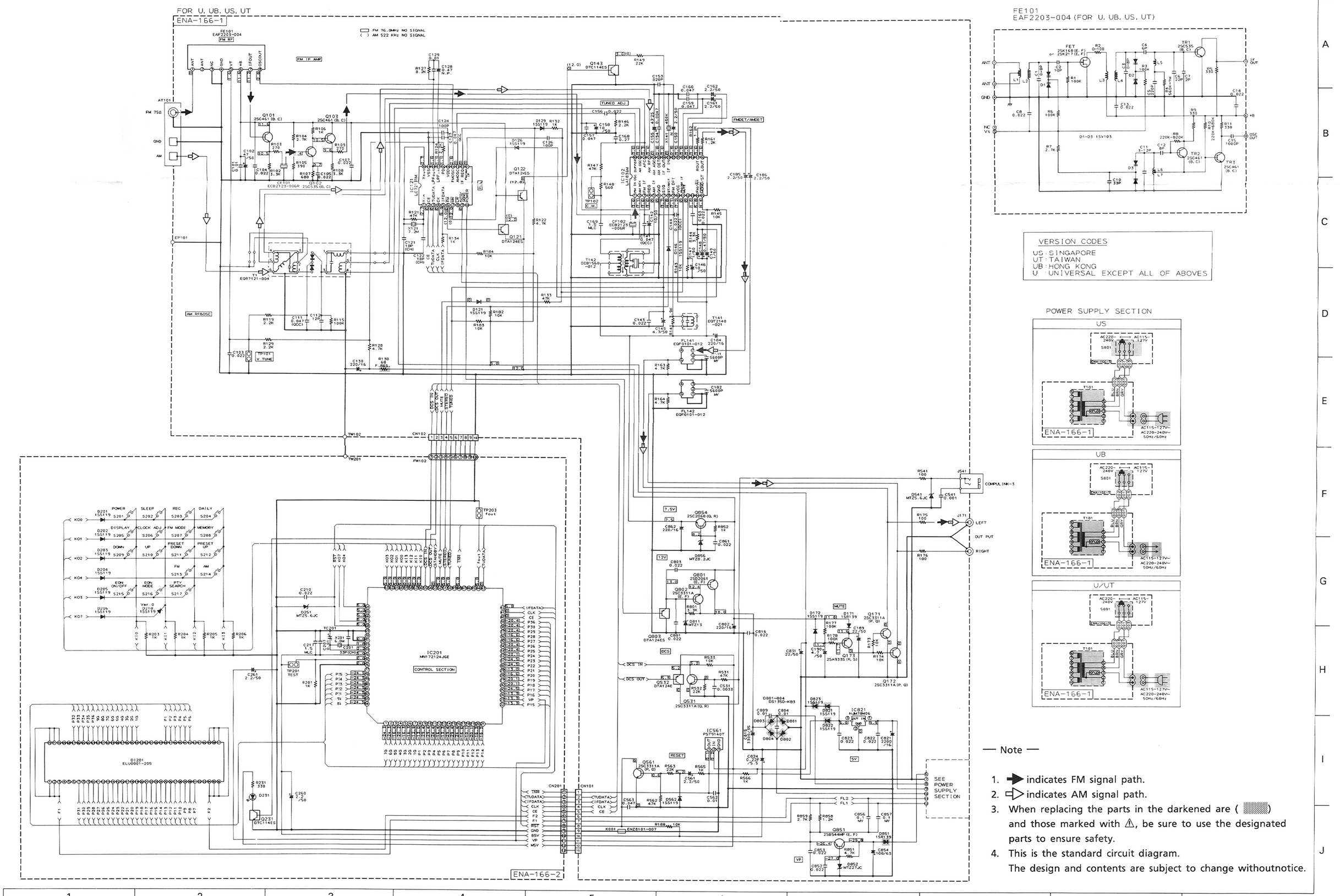
Schematic Diagrams

(For FX-F1GD)



— Note —

1. ➡ indicates FM signal path.
2. ⇨ indicates AM signal path.
3. When replacing the parts in the darkened are (▒) and those marked with ⚠, be sure to use the designated parts to ensure safety.
4. This is the standard circuit diagram. The design and contents are subject to change withoutnotice.

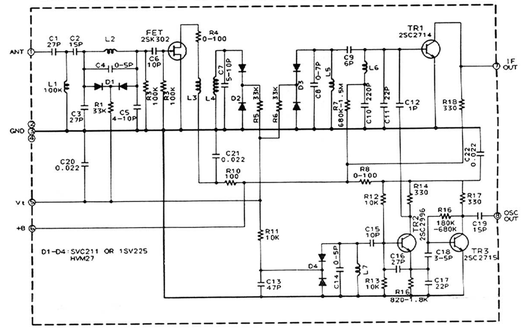
(For FX-F1RGD)

FOR EF, EN, G, GI, BS

ENA-166-1

FM 76.0MHz NO SIGNAL
( ) AM 522 KHz NO SIGNAL

FE101
EAF2203-005 (FOR G, GI, EN, EF, BS)



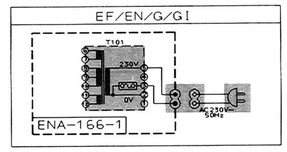
✱ MARK	EF, EN, G, GI	BS
R149	10K	22K
R231	220	470

VERSION CODES

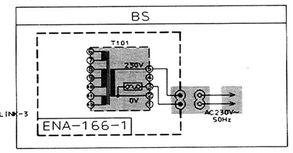
EN: NORDIC COUNTRIES
G : GERMANY
GI: ITALY
EF: CONTINENTAL EUROPE EXCEPT FOR GERMANY AND ITALY
BS: U.K.

POWER SUPPLY SECTION

EF/EN/G/GI



BS

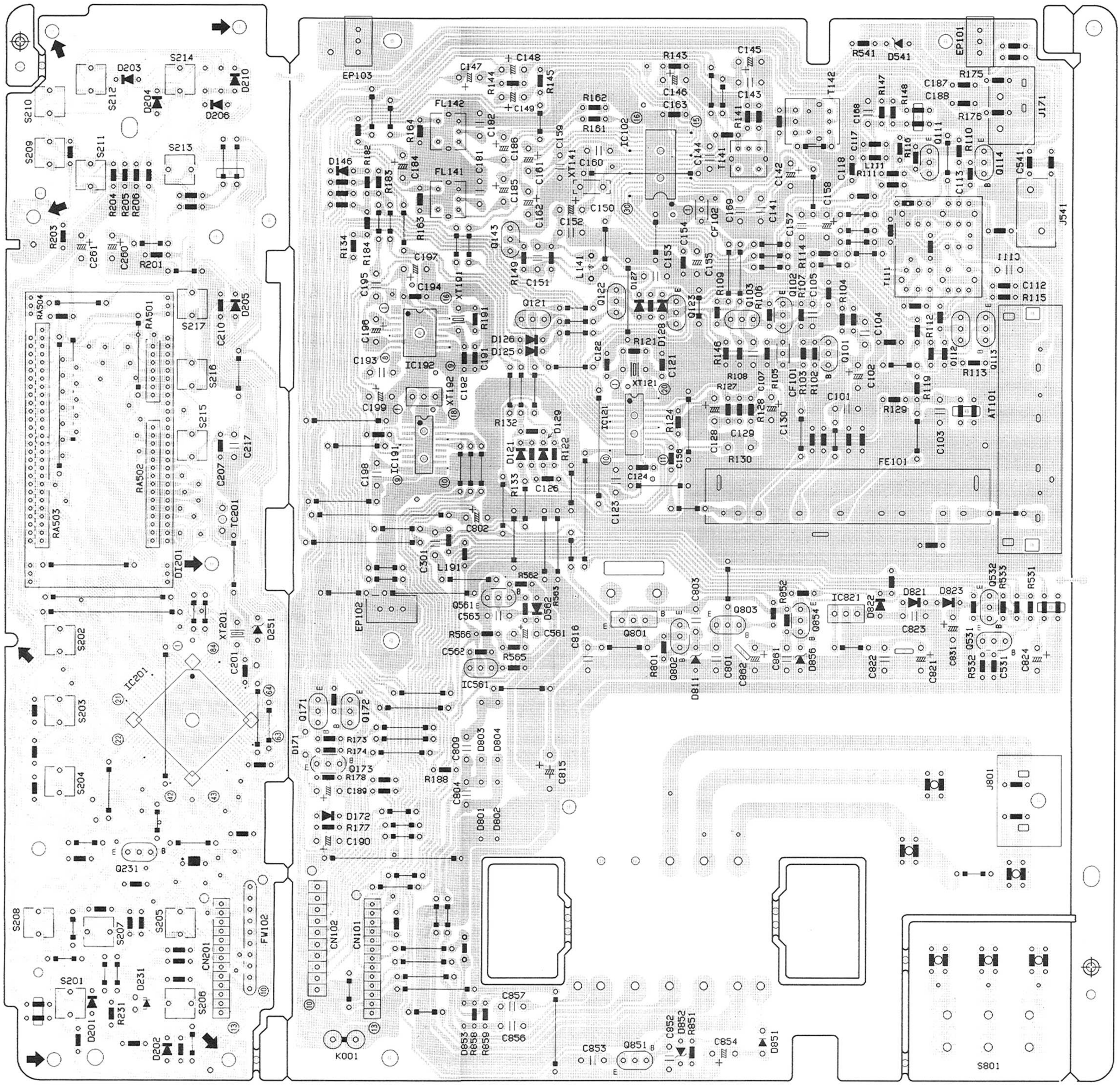


ENA-166-2

SEE POWER SUPPLY SECTION

Printed Circuit Board

■ Main P.C. Board (ENA-166)



PARTS LIST

Note : Printed circuit board assemby are not available as service parts.

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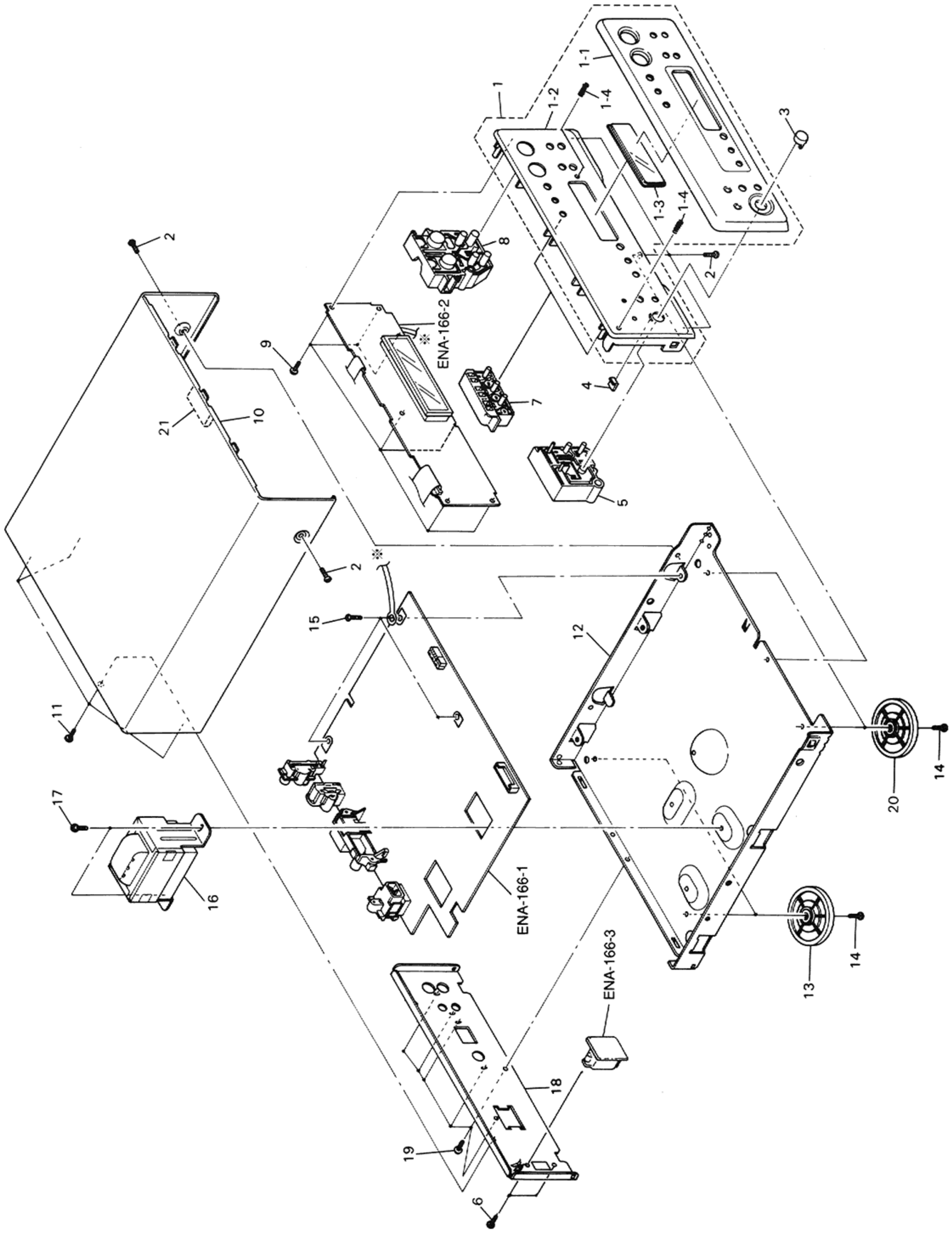
General Exploded View and Parts List

Symbol No. M 1 M M



■ Parts List

Symbol No. | M | 1 | M | M |

⚠	Item	Part Number	Part Name	Q'ty	Description	Area
	1	EFP-FXF1GDU(S)	FRONT PANEL ASS'Y	1		U,UB,US,UT
		EFP-FXF1RGDBS(S	FRONT PANEL ASS'Y	1		BS
		EFP-FXF1RGDE(S)	FRONT PANEL ASS'Y	1		EF,EN,G,GI
	1-1	E102865-002	FRONT PANEL	1		EF,EN,G,GI
		E102865-003	FRONT PANEL	1		BS
		E102865-004	FRONT PANEL	1		U,UB,US,UT
	1-2	E102867-003ST	FRONT BASE	1		
	1-3	E308972-002	WINDOW SCREEN	1		
	1-4	E408132-001	SPRING	2		
	2	SDSG3008N	TAPPING SCREW	5		
	3	E408130-002	CAP	1	POWER	
	4	E408128-001ST	POWER INDICATOR	1		Except BS
		E408128-002ST	POWER INDICATOR	1		BS
	5	E308978-002	POWER BUTTON	1		
	6	SBSF2608CC	SCREW	2		U,UB,US,UT
	7	E308975-002	PUSH BUTTON	2	DAILY TIMER ETC.	
	8	E208198-005	PUSH BUTTON	1	CLOCK ADJ.	
	9	SDSF2608Z	SCREW	7		
	10	E208179-009(S)	METAL COVER	1		
	11	GBSG3008CC	TAPPING SCREW	4		
	12	E102878-003	CHASSIS BASE	1		
	13	E75281-007	FOOT	2	REAR	
	14	SBST3008Z	TAPPING SCREW	4	FOR FOOT	
	15	GBSG3006CC	SCREW	3		
⚠	16	ETP1000-87EAJ	POWER TRANSFORMER	1	T101	EF,EN,G,GI,BS
⚠		ETP1000-87LAJ	POWER TRANSFORMER	1	T101	U,UB,US,UT
	17	E61661-003	SPECIAL SCREW	2		
	18	E208180-005	REAR PANEL	1		EF,EN,G,GI,BS
		E208180-006	REAR PANEL	1		U,UB,US,UT
	19	E73273-003	SPECIAL SCREW	6		
	20	E75281-008	FOOT	2	FRONT	
	21	E306805-173	SPACER	1		
	-	E309383-012	RATING LABEL	1		UT
	-	E408843-001	APROVAL LABEL	1		EN
	-	E408919-001	RATING LABEL	1		BS
	-	E75040-058	GI LABEL	1		GI
	-	QZL1031-101	LABEL	1		EF
	-	E61029-005	NUMBER LABEL	1		

The Marks for Designated Areas

BS .... the U.K.
EF .... Continental Europe
U ..... Universal
GI .... Itary
UB .... Hong Kong
G ..... Germany
US ..... Singapore
EN .... Nordic Countries
UT ..... Taiwan

No mark indicates all area.

Electrical Parts List

■ ENA-166 Tuner PC Board Ass'y

TRANSISTORS

⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
	Q101	2SC461	SI.TRANSIST	
	Q102	2SC535	SI.TRANSIST HITACHI	
	Q103	2SC461	SI.TRANSIST	
	Q111	2SD2144S(VW)	SI.TRANSIST ROHM	BS
	Q111	2SD2144S(VW)	SI.TRANSIST ROHM	EF
	Q111	2SD2144S(VW)	SI.TRANSIST ROHM	EN
	Q111	2SD2144S(VW)	SI.TRANSIST ROHM	G
	Q111	2SD2144S(VW)	SI.TRANSIST ROHM	GI
	Q112	2SD2144S(VW)	SI.TRANSIST ROHM	BS
	Q112	2SD2144S(VW)	SI.TRANSIST ROHM	EF
	Q112	2SD2144S(VW)	SI.TRANSIST ROHM	EN
	Q112	2SD2144S(VW)	SI.TRANSIST ROHM	G
	Q112	2SD2144S(VW)	SI.TRANSIST ROHM	GI
	Q113	2SD2144S(VW)	SI.TRANSIST ROHM	BS
	Q113	2SD2144S(VW)	SI.TRANSIST ROHM	EF
	Q113	2SD2144S(VW)	SI.TRANSIST ROHM	EN
	Q113	2SD2144S(VW)	SI.TRANSIST ROHM	G
	Q113	2SD2144S(VW)	SI.TRANSIST ROHM	GI
	Q114	2SD2144S(VW)	SI.TRANSIST ROHM	BS
	Q114	2SD2144S(VW)	SI.TRANSIST ROHM	EF
	Q114	2SD2144S(VW)	SI.TRANSIST ROHM	EN
	Q114	2SD2144S(VW)	SI.TRANSIST ROHM	G
	Q114	2SD2144S(VW)	SI.TRANSIST ROHM	GI
	Q121	DTA124ES	DIGITAL TRA	
	Q122	DTA124ES	DIGITAL TRA	
	Q123	DTA124ES	DIGITAL TRA	BS
	Q123	DTA124ES	DIGITAL TRA	EF
	Q123	DTA124ES	DIGITAL TRA	EN
	Q123	DTA124ES	DIGITAL TRA	G
	Q123	DTA124ES	DIGITAL TRA	GI
	Q143	DTC114ES	DIGITAL TRA ROHM	
	Q171	2SC3311A(Q,R)	SI.TRANSIST MATSUSHITA	
	Q172	2SC3311A(Q,R)	SI.TRANSIST MATSUSHITA	
	Q173	2SA933S(RS)	SI.TRANSIST	
	Q231	DTC114ES	DIGITAL TRA ROHM	
	Q531	2SC3311A(Q,R)	SI.TRANSIST MATSUSHITA	
	Q532	DTA124ES	DIGITAL TRA	
	Q561	2SC3311A(Q,R)	SI.TRANSIST MATSUSHITA	
	Q801	2SD2061(F,G)	SI.TRANSIST ROHM	
	Q802	2SC3311A(Q,R)	SI.TRANSIST MATSUSHITA	
	Q803	DTA124ES	DIGITAL TRA	
	Q851	2SB544MP(E,F)	SI.TRANSIST SANYO	
	Q854	2SC2060(Q,R)	SI.TRANSIST ROHM	

DIODES

⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
	D121	1SS119	SI.DIODE	
	D125	1SS119	SI.DIODE	BS
	D125	1SS119	SI.DIODE	EF
	D125	1SS119	SI.DIODE	EN
	D125	1SS119	SI.DIODE	G
	D125	1SS119	SI.DIODE	GI
	D126	1SS119	SI.DIODE	
	D127	1SS119	SI.DIODE	BS
	D127	1SS119	SI.DIODE	EF
	D127	1SS119	SI.DIODE	EN
	D127	1SS119	SI.DIODE	G
	D127	1SS119	SI.DIODE	GI
	D128	1SS119	SI.DIODE	BS
	D128	1SS119	SI.DIODE	EF
	D128	1SS119	SI.DIODE	EN
	D128	1SS119	SI.DIODE	G
	D128	1SS119	SI.DIODE	GI
	D129	1SS119	SI.DIODE	
	D146	1SS119	SI.DIODE	
	D171	1SR139-200	SI.DIODE ROHM	
	D172	1SS119	SI.DIODE	
	D201	1SS119	SI.DIODE	
	D202	1SS119	SI.DIODE	
	D203	1SS119	SI.DIODE	
	D204	1SS119	SI.DIODE	
	D205	1SS119	SI.DIODE	
	D206	1SS119	SI.DIODE	
	D210	1SS119	SI.DIODE	U
	D210	1SS119	SI.DIODE	UB
	D210	1SS119	SI.DIODE	US
	D210	1SS119	SI.DIODE	UT
	D231	SLA-380LT	L.E.D. ROHM	BS
	D231	SLR-342VC3F	L.E.D. ROHM	EF
	D231	SLR-342VC3F	L.E.D. ROHM	EN
	D231	SLR-342VC3F	L.E.D. ROHM	G
	D231	SLR-342VC3F	L.E.D. ROHM	GI
	D231	SLR-342VC3F	L.E.D. ROHM	U
	D231	SLR-342VC3F	L.E.D. ROHM	UB
	D231	SLR-342VC3F	L.E.D. ROHM	US
	D231	SLR-342VC3F	L.E.D. ROHM	UT
	D251	MTZ5.6JC	ZENER DIODE ROHM	
	D532	1SS119	SI.DIODE	
	D541	MTZ5.6JC	ZENER DIODE ROHM	
	D562	1SS119	SI.DIODE	
⚠	D801	DS135D-KB3	DIODE SANYO	
⚠	D802	DS135D-KB3	DIODE SANYO	
⚠	D803	DS135D-KB3	DIODE SANYO	
⚠	D804	DS135D-KB3	DIODE SANYO	
	D811	MTZ13JC	ZENER DIODE ROHM	
	D821	1SS119	SI.DIODE	
	D822	1SS119	SI.DIODE	
	D823	1SS119	SI.DIODE	
	D851	1SR139-200	SI.DIODE ROHM	
	D852	MTZ27JC	ZENER DIODE ROHM	
	D856	MTZ8.2JC	ZENER DIODE ROHM	

I. C. S.

⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
	IC102	LA1836M	I.C(MONO-AN SANYO	
	IC121	LC72131M	I.C(M) SANYO	
	IC191	LC7073M	I.C(DIGI-MO SANYO	BS
	IC191	LC7073M	I.C(DIGI-MO SANYO	EF
	IC191	LC7073M	I.C(DIGI-MO SANYO	EN
	IC191	LC7073M	I.C(DIGI-MO SANYO	G
	IC191	LC7073M	I.C(DIGI-MO SANYO	GI
	IC192	SAA6579T	I.C(M)	BS
	IC192	SAA6579T	I.C(M)	EF
	IC192	SAA6579T	I.C(M)	EN
	IC192	SAA6579T	I.C(M)	G
	IC192	SAA6579T	I.C(M)	GI
	IC201	MN172412J6E	I.C.	
	IC561	PST9140T	I.C(MONO-AN MITSUMI	
⚠	IC821	NJM78M06FA	I.C(MONO-AN DAINICHI	

CAPACITORS

⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
	C101	QCF31HP-103Z	0.01MF 50V CER.CAPACI	
	C102	QETB1HM-476	47MF 50V E.CAPACITO	BS
	C102	QETB1HM-476	47MF 50V E.CAPACITO	EF
	C102	QETB1HM-476	47MF 50V E.CAPACITO	EN
	C102	QETB1HM-476	47MF 50V E.CAPACITO	G
	C102	QETB1HM-476	47MF 50V E.CAPACITO	GI
	C103	QCF21HP-223A	0.022MF 50V CER.CAPACI	
	C104	QCF21HP-223A	0.022MF 50V CER.CAPACI	
	C105	QCF21HP-223A	0.022MF 50V CER.CAPACI	
	C107	QCF21HP-223A	0.022MF 50V CER.CAPACI	
	C111	QCC31EM-473ZV	0.047MF 25V CER.CAPACI	
	C112	QCT30CH-120Y	12PF 50V CER.CAPACI	
	C113	QCHB1EZ-223	0.022MF 25V CER.CAPACI	BS
	C113	QCHB1EZ-223	0.022MF 25V CER.CAPACI	EF
	C113	QCHB1EZ-223	0.022MF 25V CER.CAPACI	EN
	C113	QCHB1EZ-223	0.022MF 25V CER.CAPACI	G
	C113	QCHB1EZ-223	0.022MF 25V CER.CAPACI	GI
	C117	QCSB1HK-5R6Y	5.6PF 50V CER.CAPACI	BS
	C117	QCSB1HK-5R6Y	5.6PF 50V CER.CAPACI	EF
	C117	QCSB1HK-5R6Y	5.6PF 50V CER.CAPACI	EN
	C117	QCSB1HK-5R6Y	5.6PF 50V CER.CAPACI	G
	C117	QCSB1HK-5R6Y	5.6PF 50V CER.CAPACI	GI
	C118	QCSB1HJ-150Y	15PF 50V CER.CAPACI	BS
	C118	QCSB1HJ-150Y	15PF 50V CER.CAPACI	EF
	C118	QCSB1HJ-150Y	15PF 50V CER.CAPACI	EN
	C118	QCSB1HJ-150Y	15PF 50V CER.CAPACI	G
	C118	QCSB1HJ-150Y	15PF 50V CER.CAPACI	GI
	C121	QCT30CH-180Y	18PF 50V CER.CAPACI	
	C122	QCT30CH-180Y	18PF 50V CER.CAPACI	
	C123	QCC31EM-473ZV	0.047MF 25V CER.CAPACI	
	C124	QCBB1HK-101Y	100PF 50V CER.CAPACI	
	C126	QCBB1HK-101Y	100PF 50V CER.CAPACI	
	C128	QENB1HM-474	0.47MF 50V NP E.CAPAC	
	C129	QCVB1CM-103Y	0.01MF 16V CER.CAPACI	
	C130	QETB1CM-227	220MF 16V AL E.CAPAC	
	C141	QCC31EM-473ZV	0.047MF 25V CER.CAPACI	
	C142	QETB1HM-106	10MF 50V E.CAPACITO	
	C143	QCF21HP-223A	0.022MF 50V CER.CAPACI	
	C144	QCC11EM-223V	0.022MF 25V CER.CAPACI	
	C145	QETB1HM-475E	4.7MF 50V E.CAPACITO	
	C146	QETB1HM-106	10MF 50V E.CAPACITO	
	C147	QETB1HM-105	1MF 50V AL E.CAPAC	
	C148	QETB1HM-474	0.47MF 50V E.CAPACITO	
	C149	QETB1HM-105	1MF 50V AL E.CAPAC	
	C150	QETC1HM-225ZN	2.2MF 50V AL E.CAPAC	
	C151	QCS21HJ-181A	180PF 50V CER.CAPACI	BS
	C151	QCS21HJ-181A	180PF 50V CER.CAPACI	EF
	C151	QCS21HJ-181A	180PF 50V CER.CAPACI	EN
	C151	QCS21HJ-181A	180PF 50V CER.CAPACI	G
	C151	QCS21HJ-181A	180PF 50V CER.CAPACI	GI
	C152	QCS21HJ-181A	180PF 50V CER.CAPACI	BS
	C152	QCS21HJ-181A	180PF 50V CER.CAPACI	EF
	C152	QCS21HJ-181A	180PF 50V CER.CAPACI	EN
	C152	QCS21HJ-181A	180PF 50V CER.CAPACI	G
	C152	QCS21HJ-181A	180PF 50V CER.CAPACI	GI
	C153	QCS31HJ-821Z	820PF 50V CER.CAPACI	
	C154	QCXB1CM-472Y	4700PF 16V CER.CAPACI	
	C155	QETB1EM-476	47MF 25V AL E.CAPAC	
	C156	QCHB1EZ-223	0.022MF 25V CER.CAPACI	
	C157	QCC31EM-473ZV	0.047MF 25V CER.CAPACI	
	C158	QETB1HM-106	10MF 50V E.CAPACITO	
	C159	QFLC1HJ-333ZM	0.033MF 50V MYLAR CAPA	BS
	C159	QFLC1HJ-333ZM	0.033MF 50V MYLAR CAPA	EF
	C159	QFLC1HJ-333ZM	0.033MF 50V MYLAR CAPA	EN
	C159	QFLC1HJ-333ZM	0.033MF 50V MYLAR CAPA	G
	C159	QFLC1HJ-333ZM	0.033MF 50V MYLAR CAPA	GI
	C159	QFLC1HJ-473ZM	0.047MF 50V METAL.MYLA	U
	C159	QFLC1HJ-473ZM	0.047MF 50V METAL.MYLA	UB
	C159	QFLC1HJ-473ZM	0.047MF 50V METAL.MYLA	US
	C159	QFLC1HJ-473ZM	0.047MF 50V METAL.MYLA	UT
	C160	QFLC1HJ-333ZM	0.033MF 50V MYLAR CAPA	BS
	C160	QFLC1HJ-333ZM	0.033MF 50V MYLAR CAPA	EF
	C160	QFLC1HJ-333ZM	0.033MF 50V MYLAR CAPA	EN
	C160	QFLC1HJ-333ZM	0.033MF 50V MYLAR CAPA	G
	C160	QFLC1HJ-333ZM	0.033MF 50V MYLAR CAPA	GI
	C160	QFLC1HJ-473ZM	0.047MF 50V METAL.MYLA	U
	C160	QFLC1HJ-473ZM	0.047MF 50V METAL.MYLA	UB
	C160	QFLC1HJ-473ZM	0.047MF 50V METAL.MYLA	US
	C160	QFLC1HJ-473ZM	0.047MF 50V METAL.MYLA	UT
	C161	QETB1HM-225	2.2MF 50V AL E.CAPAC	
	C162	QETB1HM-225	2.2MF 50V AL E.CAPAC	
	C163	QCHB1EZ-223	0.022MF 25V CER.CAPACI	
	C168	QFV81HJ-274	0.27MF 50V T.FILM CAP	
	C169	QFV81HJ-273	0.027MF 50V THIN FILM	
	C181	QFN81HJ-562	5600PF 50V METAL.MYLA	

⚠ : SAFETY PARTS

CAPACITORS

⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
	C182	QFN81HJ-562	5600PF 50V METAL.MYLA	
	C184	QETB1CM-227	220MF 16V AL E.CAPAC	
	C185	QETB1HM-225	2.2MF 50V AL E.CAPAC	
	C186	QETB1HM-225	2.2MF 50V AL E.CAPAC	
	C187	QCBB1HK-331Y	330PF 50V CER.CAPACI	BS
	C187	QCBB1HK-331Y	330PF 50V CER.CAPACI	EF
	C187	QCBB1HK-331Y	330PF 50V CER.CAPACI	EN
	C187	QCBB1HK-331Y	330PF 50V CER.CAPACI	G
	C187	QCBB1HK-331Y	330PF 50V CER.CAPACI	GI
	C188	QCBB1HK-331Y	330PF 50V CER.CAPACI	BS
	C188	QCBB1HK-331Y	330PF 50V CER.CAPACI	EF
	C188	QCBB1HK-331Y	330PF 50V CER.CAPACI	EN
	C188	QCBB1HK-331Y	330PF 50V CER.CAPACI	G
	C188	QCBB1HK-331Y	330PF 50V CER.CAPACI	GI
	C189	QETB1HM-226E	22MF 50V E.CAPACITO	
	C190	QETB1HM-475E	4.7MF 50V E.CAPACITO	
	C191	QCBB1HK-820Y	82PF 50V CER.CAPACI	BS
	C191	QCBB1HK-820Y	82PF 50V CER.CAPACI	EF
	C191	QCBB1HK-820Y	82PF 50V CER.CAPACI	EN
	C191	QCBB1HK-820Y	82PF 50V CER.CAPACI	G
	C191	QCBB1HK-820Y	82PF 50V CER.CAPACI	GI
	C192	QCSB1HJ-470Y	47PF 50V CER.CAPACI	BS
	C192	QCSB1HJ-470Y	47PF 50V CER.CAPACI	EF
	C192	QCSB1HJ-470Y	47PF 50V CER.CAPACI	EN
	C192	QCSB1HJ-470Y	47PF 50V CER.CAPACI	G
	C192	QCSB1HJ-470Y	47PF 50V CER.CAPACI	GI
	C193	QCS31HJ-561Z	560PF 50V CER.CAPACI	BS
	C193	QCS31HJ-561Z	560PF 50V CER.CAPACI	EF
	C193	QCS31HJ-561Z	560PF 50V CER.CAPACI	EN
	C193	QCS31HJ-561Z	560PF 50V CER.CAPACI	G
	C193	QCS31HJ-561Z	560PF 50V CER.CAPACI	GI
	C194	QCHB1EZ-223	0.022MF 25V CER.CAPACI	BS
	C194	QCHB1EZ-223	0.022MF 25V CER.CAPACI	EF
	C194	QCHB1EZ-223	0.022MF 25V CER.CAPACI	EN
	C194	QCHB1EZ-223	0.022MF 25V CER.CAPACI	G
	C194	QCHB1EZ-223	0.022MF 25V CER.CAPACI	GI
	C195	QCS31HJ-331Z	330PF 50V CER.CAPACI	BS
	C195	QCS31HJ-331Z	330PF 50V CER.CAPACI	EF
	C195	QCS31HJ-331Z	330PF 50V CER.CAPACI	EN
	C195	QCS31HJ-331Z	330PF 50V CER.CAPACI	G
	C195	QCS31HJ-331Z	330PF 50V CER.CAPACI	GI
	C196	QETB1HM-225	2.2MF 50V AL E.CAPAC	BS
	C196	QETB1HM-225	2.2MF 50V AL E.CAPAC	EF
	C196	QETB1HM-225	2.2MF 50V AL E.CAPAC	EN
	C196	QETB1HM-225	2.2MF 50V AL E.CAPAC	G
	C196	QETB1HM-225	2.2MF 50V AL E.CAPAC	GI
	C197	QETC1CM-106Z	10MF 16V AL E.CAPAC	BS
	C197	QETC1CM-106Z	10MF 16V AL E.CAPAC	EF
	C197	QETC1CM-106Z	10MF 16V AL E.CAPAC	EN
	C197	QETC1CM-106Z	10MF 16V AL E.CAPAC	G
	C197	QETC1CM-106Z	10MF 16V AL E.CAPAC	GI
	C198	QCC31EM-473ZV	0.047MF 25V CER.CAPACI	BS
	C198	QCC31EM-473ZV	0.047MF 25V CER.CAPACI	EF
	C198	QCC31EM-473ZV	0.047MF 25V CER.CAPACI	EN
	C198	QCC31EM-473ZV	0.047MF 25V CER.CAPACI	G
	C198	QCC31EM-473ZV	0.047MF 25V CER.CAPACI	GI
	C199	QETB1HM-225	2.2MF 50V AL E.CAPAC	BS
	C199	QETB1HM-225	2.2MF 50V AL E.CAPAC	EF
	C199	QETB1HM-225	2.2MF 50V AL E.CAPAC	EN
	C199	QETB1HM-225	2.2MF 50V AL E.CAPAC	G
	C199	QETB1HM-225	2.2MF 50V AL E.CAPAC	GI
	C201	QCSB1HJ-330Y	33PF 50V CER.CAPACI	
	C207	QCVB1CM-103Y	0.01MF 16V CER.CAPACI	
	C210	QCVB1CM-103Y	0.01MF 16V CER.CAPACI	
	C217	QCZ0205-155	1.5MF 25V C.CAPACITO	
	C260	QETB1HM-225	2.2MF 50V AL E.CAPAC	
	C261	QETB1HM-225	2.2MF 50V AL E.CAPAC	
	C301	QCZ0205-155	1.5MF 25V C.CAPACITO	BS
	C301	QCZ0205-155	1.5MF 25V C.CAPACITO	EF
	C301	QCZ0205-155	1.5MF 25V C.CAPACITO	EN
	C301	QCZ0205-155	1.5MF 25V C.CAPACITO	G
	C301	QCZ0205-155	1.5MF 25V C.CAPACITO	GI
	C531	QCXB1CM-332Y	3300PF 16V CER.CAPACI	
	C541	QCGB1HK-102	1000PF 50V CER.CAPACI	
	C561	QETB1HM-225	2.2MF 50V AL E.CAPAC	
	C562	QCVB1CM-103Y	0.01MF 16V CER.CAPACI	
	C563	QCF31HP-473Z	0.047MF 50V CER.CAPACI	
	C801	QCF21HP-223A	0.022MF 50V CER.CAPACI	
	C802	QETB1CM-227	220MF 16V AL E.CAPAC	
	C803	QCF21HP-223A	0.022MF 50V CER.CAPACI	
	C804	QCF31HP-103Z	0.01MF 50V CER.CAPACI	
	C809	QCF31HP-103Z	0.01MF 50V CER.CAPACI	
⚠	C815	QETB1VM-338	3300MF 35V AL E.CAPAC	
	C816	QCF21HP-223A	0.022MF 50V CER.CAPACI	
	C821	QETB1CM-228M	2200MF 16V E.CAPACITO	
	C822	QCF21HP-223A	0.022MF 50V CER.CAPACI	
	C823	QCF21HP-223A	0.022MF 50V CER.CAPACI	
	C824	QEADOHZ-22AZM	E.CAPACITO	
	C831	QETB1HM-226E	22MF 50V E.CAPACITO	
	C852	QCF21HP-223A	0.022MF 50V CER.CAPACI	
	C853	QCF21HP-223A	0.022MF 50V CER.CAPACI	
	C854	QETB1JM-107	100MF 63V AL E.CAPAC	
	C856	QFV81HJ-104	0.1MF 50V THIN FILM	
	C857	QFV81HJ-104	0.1MF 50V THIN FILM	
	C861	QCF21HP-223A	0.022MF 50V CER.CAPACI	
	C862	QETB1CM-227	220MF 16V AL E.CAPAC	
	TC201	ENZ1003-015	0.1MF TRIMMER CA	

RESISTORS

⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
	R102	QRD167J-332	3.3K 1/6W CARBON RES	
	R103	QRD161J-271	270 1/6W CARBON RES	
	R104	QRD167J-272	2.7K 1/6W CARBON RES	
	R105	QRD161J-391	390 1/6W CARBON RES	
	R106	QRD161J-102	1K 1/6W CARBON RES	
	R107	QRD161J-681	680 1/6W CARBON RES	
	R108	QRD167J-332	3.3K 1/6W CARBON RES	
	R109	QRD161J-271	270 1/6W CARBON RES	
	R110	QRD161J-472	4.7K 1/6W CARBON RES	BS
	R110	QRD161J-472	4.7K 1/6W CARBON RES	EF
	R110	QRD161J-472	4.7K 1/6W CARBON RES	EN
	R110	QRD161J-472	4.7K 1/6W CARBON RES	G
	R110	QRD161J-472	4.7K 1/6W CARBON RES	GI
	R111	QRD161J-472	4.7K 1/6W CARBON RES	BS
	R111	QRD161J-472	4.7K 1/6W CARBON RES	EF
	R111	QRD161J-472	4.7K 1/6W CARBON RES	EN
	R111	QRD161J-472	4.7K 1/6W CARBON RES	G
	R111	QRD161J-472	4.7K 1/6W CARBON RES	GI
	R112	QRD161J-472	4.7K 1/6W CARBON RES	BS
	R112	QRD161J-472	4.7K 1/6W CARBON RES	EF
	R112	QRD161J-472	4.7K 1/6W CARBON RES	EN
	R112	QRD161J-472	4.7K 1/6W CARBON RES	G
	R112	QRD161J-472	4.7K 1/6W CARBON RES	GI
	R113	QRD161J-103	10K 1/6W CARBON RES	BS
	R113	QRD161J-103	10K 1/6W CARBON RES	EF
	R113	QRD161J-103	10K 1/6W CARBON RES	EN
	R113	QRD161J-103	10K 1/6W CARBON RES	G
	R113	QRD161J-103	10K 1/6W CARBON RES	GI
	R114	QRD161J-122	1.2K 1/6W CARBON RES	BS
	R114	QRD161J-122	1.2K 1/6W CARBON RES	EF
	R114	QRD161J-122	1.2K 1/6W CARBON RES	EN
	R114	QRD161J-122	1.2K 1/6W CARBON RES	G
	R114	QRD161J-122	1.2K 1/6W CARBON RES	GI
	R115	QRD161J-104	100K 1/6W CARBON RES	
	R116	QRD161J-472	4.7K 1/6W CARBON RES	BS
	R116	QRD161J-472	4.7K 1/6W CARBON RES	EF
	R116	QRD161J-472	4.7K 1/6W CARBON RES	EN
	R116	QRD161J-472	4.7K 1/6W CARBON RES	G
	R116	QRD161J-472	4.7K 1/6W CARBON RES	GI
	R119	QRD161J-222	2.2K 1/6W CARBON RES	
	R121	QRD161J-473	47K 1/6W CARBON RES	
	R122	QRD161J-472	4.7K 1/6W CARBON RES	
	R124	QRD161J-222	2.2K 1/6W CARBON RES	
	R127	QRD167J-822	8.2K 1/6W CARBON RES	
	R128	QRD161J-472	4.7K 1/6W CARBON RES	
	R129	QRD161J-222	2.2K 1/6W CARBON RES	
⚠	R130	QRZ0077-680	68 1/4W FUSIBLE RE	
	R132	QRD161J-102	1K 1/6W CARBON RES	
	R133	QRD161J-473	47K 1/6W CARBON RES	
	R134	QRD161J-102	1K 1/6W CARBON RES	
	R141	QRD161J-392	3.9K 1/6W CARBON RES	
	R143	QRD161J-103	10K 1/6W CARBON RES	
	R144	QRD167J-332	3.3K 1/6W CARBON RES	
	R145	QRD161J-103	10K 1/6W CARBON RES	
	R146	QRD161J-222	2.2K 1/6W CARBON RES	
	R147	QRD161J-473	47K 1/6W CARBON RES	
	R148	QRD161J-561	560 1/6W CARBON RES	
	R149	QRD161J-103	10K 1/6W CARBON RES	EF
	R149	QRD161J-103	10K 1/6W CARBON RES	EN
	R149	QRD161J-103	10K 1/6W CARBON RES	G
	R149	QRD161J-103	10K 1/6W CARBON RES	GI
	R149	QRD167J-223	22K 1/6W CARBON RES	BS
	R149	QRD167J-223	22K 1/6W CARBON RES	U
	R149	QRD167J-223	22K 1/6W CARBON RES	UB
	R149	QRD167J-223	22K 1/6W CARBON RES	US
	R149	QRD167J-223	22K 1/6W CARBON RES	UT
	R161	QRD161J-122	1.2K 1/6W CARBON RES	
	R162	QRD161J-122	1.2K 1/6W CARBON RES	
	R163	QRD161J-472	4.7K 1/6W CARBON RES	
	R164	QRD161J-472	4.7K 1/6W CARBON RES	
	R173	QRD161J-103	10K 1/6W CARBON RES	
	R174	QRD161J-103	10K 1/6W CARBON RES	
	R175	QRD161J-101	100 1/6W CARBON RES	
	R176	QRD161J-101	100 1/6W CARBON RES	
	R177	QRD161J-104	100K 1/6W CARBON RES	
	R178	QRD161J-104	100K 1/6W CARBON RES	
	R182	QRD161J-103	10K 1/6W CARBON RES	
	R183	QRD161J-103	10K 1/6W CARBON RES	
	R184	QRD161J-103	10K 1/6W CARBON RES	
	R188	QRD161J-103	10K 1/6W CARBON RES	
	R191	QRD161J-222	2.2K 1/6W CARBON RES	BS
	R191	QRD161J-222	2.2K 1/6W CARBON RES	EF
	R191	QRD161J-222	2.2K 1/6W CARBON RES	EN
	R191	QRD161J-222	2.2K 1/6W CARBON RES	G
	R191	QRD161J-222	2.2K 1/6W CARBON RES	GI
	R201	QRD161J-102	1K 1/6W CARBON RES	
	R203	QRD161J-102	1K 1/6W CARBON RES	
	R204	QRD161J-102	1K 1/6W CARBON RES	
	R205	QRD161J-102	1K 1/6W CARBON RES	
	R206	QRD161J-102	1K 1/6W CARBON RES	
	R231	QRD161J-221	220 1/6W CARBON RES	EF
	R231	QRD161J-221	220 1/6W CARBON RES	EN
	R231	QRD161J-221	220 1/6W CARBON RES	G
	R231	QRD161J-221	220 1/6W CARBON RES	GI
	R231	QRD161J-221	220 1/6W CARBON RES	U
	R231	QRD161J-221	220 1/6W CARBON RES	UB
	R231	QRD161J-221	220 1/6W CARBON RES	US
	R231	QRD161J-221	220 1/6W CARBON RES	UT
	R231	QRD161J-471	470 1/6W CARBON RES	BS
	R531	QRD161J-473	47K 1/6W CARBON RES	
	R532	QRD167J-223	22K 1/6W CARBON RES	
	R533	QRD161J-103	10K 1/6W CARBON RES	
	R541	QRD161J-101	100 1/6W CARBON RES	
	R562	QRD161J-473	47K 1/6W CARBON RES	
	R563	QRD167J-223	22K 1/6W CARBON RES	
	R565	QRD161J-102	1K 1/6W CARBON RES	
	R566	QRD161J-102	1K 1/6W CARBON RES	
	R801	QRD167J-332	3.3K 1/6W CARBON RES	
	R824	QRD161J-101	100 1/6W CARBON RES	
	R851	QRD167J-332	3.3K 1/6W CARBON RES	

⚠ : SAFETY PARTS

RESISTORS

⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
	R852	QRD161J-102	1K 1/6W CARBON RES	
	R858	QRD161J-122	1.2K 1/6W CARBON RES	
	R859	QRD161J-122	1.2K 1/6W CARBON RES	

OTHERS

⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
		EMW10541-002	CIR.BOARD	EF
		EMW10541-002	CIR.BOARD	EN
		EMW10541-002	CIR.BOARD	G
		EMW10541-002	CIR.BOARD	GI
		EMW10541-002	CIR.BOARD	U
		EMW10541-002	CIR.BOARD	UB
		EMW10541-002	CIR.BOARD	US
		EMW10541-002	CIR.BOARD	UT
		EMW10541-002	CIR.BOARD	BS
		E306805-120	SPACER	
		E308963-001	SHIELD BRAC	
		E70945-H35	HEAT SINK	
		SBSB3008Z	WOOD SCREW	
	J171	EMN00TV-208A	PIN JACK	
	J541	QMS3501-020	PIN JACK	
⚠	J801	QMCB001-E02H	AC SOCKET	EF
⚠	J801	QMCB001-E02H	AC SOCKET	EN
⚠	J801	QMCB001-E02H	AC SOCKET	G
⚠	J801	QMCB001-E02H	AC SOCKET	GI
⚠	J801	QMCB001-E02H	AC SOCKET	U
⚠	J801	QMCB001-E02H	AC SOCKET	UB
⚠	J801	QMCB001-E02H	AC SOCKET	US
⚠	J801	QMCB001-E02H	AC SOCKET	UT
⚠	J801	QMCB001-E02HBS	AC SOCKET	BS
	K001	ENZ8101-007	INDUCTOR	
	L111	EQL4004-150	INDUCTOR	BS
	L111	EQL4004-150	INDUCTOR	EF
	L111	EQL4004-150	INDUCTOR	EN
	L111	EQL4004-150	INDUCTOR	G
	L111	EQL4004-150	INDUCTOR	GI
	L141	EQL2108-392	INDUCTOR	BS
	L141	EQL2108-392	INDUCTOR	EF
	L141	EQL2108-392	INDUCTOR	EN
	L141	EQL2108-392	INDUCTOR	G
	L141	EQL2108-392	INDUCTOR	GI
	L191	EQL4004-101	INDUCTOR	BS
	L191	EQL4004-101	INDUCTOR	EF
	L191	EQL4004-101	INDUCTOR	EN
	L191	EQL4004-101	INDUCTOR	G
	L191	EQL4004-101	INDUCTOR	GI
	S201	ESP0001-023M	TACT SWITCH	
	S202	ESP0001-023M	TACT SWITCH	
	S203	ESP0001-023M	TACT SWITCH	
	S204	ESP0001-023M	TACT SWITCH	
	S205	ESP0001-023M	TACT SWITCH	
	S206	ESP0001-023M	TACT SWITCH	
	S207	ESP0001-023M	TACT SWITCH	
	S208	ESP0001-023M	TACT SWITCH	
	S209	ESP0001-023M	TACT SWITCH	
	S210	ESP0001-023M	TACT SWITCH	
	S211	ESP0001-023M	TACT SWITCH	
	S212	ESP0001-023M	TACT SWITCH	
	S213	ESP0001-023M	TACT SWITCH	
	S214	ESP0001-023M	TACT SWITCH	
	S215	ESP0001-023M	TACT SWITCH	
	S216	ESP0001-023M	TACT SWITCH	
	S217	ESP0001-023M	TACT SWITCH	
⚠	S801	QSS1L22-E01	SLIDE SWITC	U
⚠	S801	QSS1L22-E01	SLIDE SWITC	UB
⚠	S801	QSS1L22-E01	SLIDE SWITC	US
	S801	QSS1L22-E01	SLIDE SWITC	UT
	T111	EQR7121-002	RF COIL	BS
	T111	EQR7121-002	RF COIL	EF
	T111	EQR7121-002	RF COIL	EN
	T111	EQR7121-002	RF COIL	G
	T111	EQR7121-002	RF COIL	GI
	T111	EQR7121-004	RF COIL	U
	T111	EQR7121-004	RF COIL	UB
	T111	EQR7121-004	RF COIL	US
	T111	EQR7121-004	RF COIL	UT
	T141	EQT2140-021	I.F.TRANSFO	
	T142	ECB1560-012	CERAMIC FIL	
	AT101	EMB41YV-302K	ANTENNA TER	
	CF101	ECB2118-007R	CERAMIC FIL	BS
	CF101	ECB2118-007R	CERAMIC FIL	EF
	CF101	ECB2118-007R	CERAMIC FIL	EN
	CF101	ECB2118-007R	CERAMIC FIL	G
	CF101	ECB2118-007R	CERAMIC FIL	GI
	CF101	ECB2123-006R	CERAMIC FIL	U
	CF101	ECB2123-006R	CERAMIC FIL	UB
	CF101	ECB2123-006R	CERAMIC FIL	US
	CF101	ECB2123-006R	CERAMIC FIL	UT
	CF102	ECB2118-007R	CERAMIC FIL	BS
	CF102	ECB2118-007R	CERAMIC FIL	EF
	CF102	ECB2118-007R	CERAMIC FIL	EN
	CF102	ECB2118-007R	CERAMIC FIL	G
	CF102	ECB2118-007R	CERAMIC FIL	GI
	CF102	ECB2123-006R	CERAMIC FIL	U
	CF102	ECB2123-006R	CERAMIC FIL	UB
	CF102	ECB2123-006R	CERAMIC FIL	US
	CF102	ECB2123-006R	CERAMIC FIL	UT
	CN101	EMV5109-013A	CONNECT TER	
	CN201	EWS26D-A916	SOCKET WIRE	
	DI201	ELU0001-205	FL TUBE	
	EP101	EMZ4002-001Z	EARTH PLATE	
	EP102	EMZ4002-001Z	EARTH PLATE	
	EP103	EMZ4002-001Z	EARTH PLATE	
	FE101	EAF2203-004	FRONT END	U
	FE101	EAF2203-004	FRONT END	UB
	FE101	EAF2203-004	FRONT END	US

OTHERS

⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
	FE101	EAF2203-004	FRONT END	UT
	FE101	EAF2203-005	FRONT END	BS
	FE101	EAF2203-005	FRONT END	EF
	FE101	EAF2203-005	FRONT END	EN
	FE101	EAF2203-005	FRONT END	G
	FE101	EAF2203-005	FRONT END	GI
	FL141	EQF0101-012	LOWPASS FIL	
	FL142	EQF0101-012	LOWPASS FIL	
	FW102	EWR3AB-16LST	FLAT WIRE A	
	JT103	EMV7122-005	MALE CONNEC	
	JT104	EMV7122-005	MALE CONNEC	
	ML901	QWE881-08RR	VINYL WIRE	U
	ML901	QWE881-08RR	VINYL WIRE	UB
	ML901	QWE881-08RR	VINYL WIRE	US
	ML901	QWE881-08RR	VINYL WIRE	UT
	ML902	QWE888-07RR	PIN WIRE	U
	ML902	QWE888-07RR	PIN WIRE	UB
	ML902	QWE888-07RR	PIN WIRE	US
	ML902	QWE888-07RR	PIN WIRE	UT
	ML903	QWE886-08RR	WIRE	U
	ML903	QWE886-08RR	WIRE	UB
	ML903	QWE886-08RR	WIRE	US
	ML903	QWE886-08RR	WIRE	UT
	TW201	EWT011-098	TERMINAL WI	
	XT121	ECX0007-200KC	CRYSTAL	
	XT141	ECXPR46-001A	CRYSTAL	
	XT191	VCX5057-001	CRYSTAL	BS
	XT191	VCX5057-001	CRYSTAL	EF
	XT191	VCX5057-001	CRYSTAL	EN
	XT191	VCX5057-001	CRYSTAL	G
	XT191	VCX5057-001	CRYSTAL	GI
	XT192	EFO-EC4004T4	CERAMIC RES	BS
	XT192	EFO-EC4004T4	CERAMIC RES	EF
	XT192	EFO-EC4004T4	CERAMIC RES	EN
	XT192	EFO-EC4004T4	CERAMIC RES	G
	XT192	EFO-EC4004T4	CERAMIC RES	GI
	XT201	ECX0006-000KNJ	CRYSTAL	

⚠ : SAFETY PARTS

Accessories List

Symbol No. M 2 M M

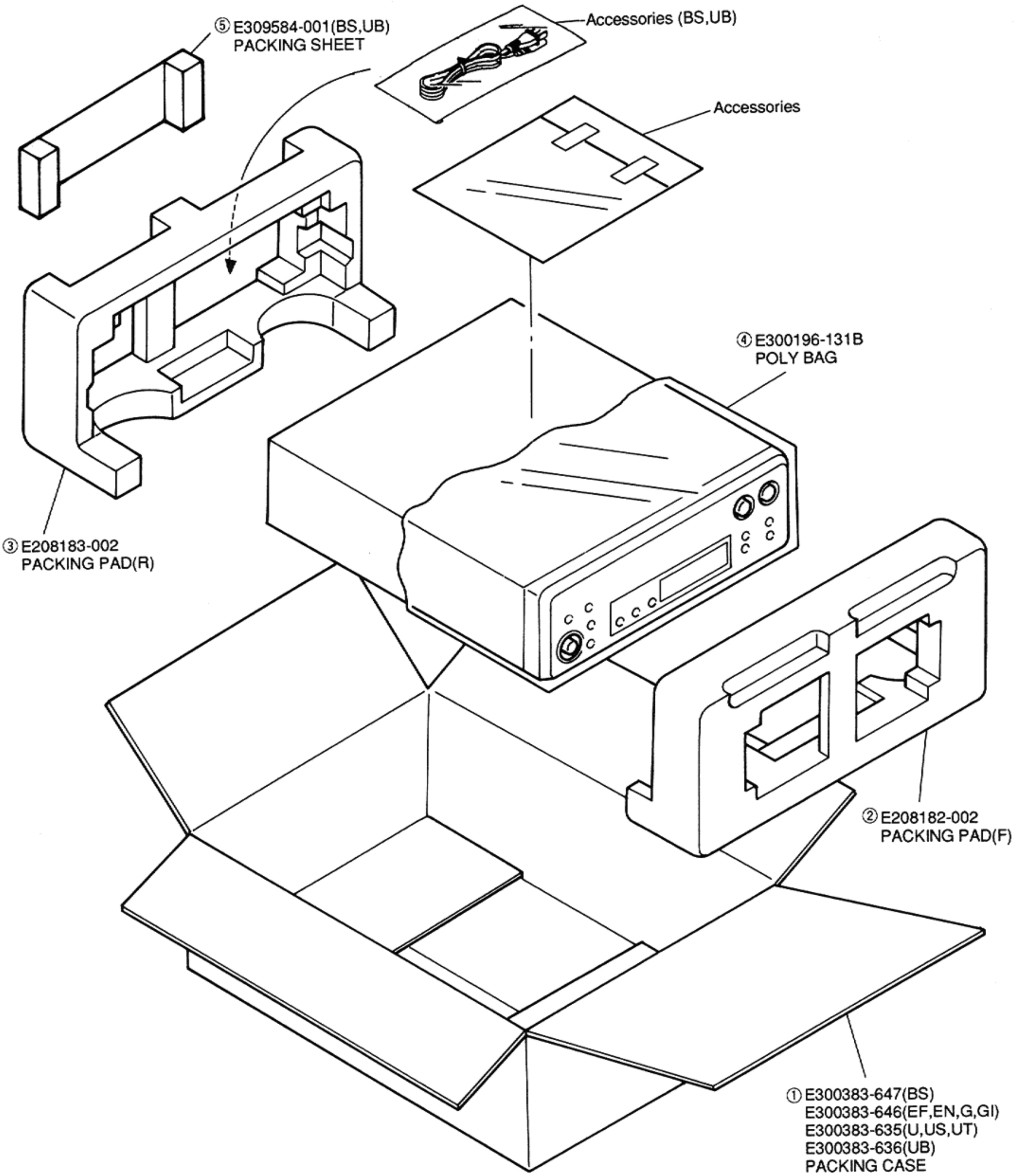
⚠	Item	Part Number	Part Name	Q'ty	Description	Area
	1	E30580-2308A	INSTRUCTION BOOK	1	FX-F1RGD	EF,EN,G,GI,BS
		E30580-2350A	INSTRUCTION BOOK	1	FX-F1GD	U,UB,US,UT
⚠	2	QMP39F0-183E	POWER CORD	1		EF,EN,G,GI,US
⚠		QMP5520-1835BS	POWER CORD	1		BS,UB
⚠		QMP7530-183	POWER CORD	1		U,UT
	3	EWP302-013K	SIGNAL CORD	1		
	4	EWP805-012	PLUG WIRE ASSY	1		
	5	E03614-004	FM FEEDER ANTENNA	1		Except G
		E67007-001	ANTENNA WIRE	1		G
	6	EMZ2001-014	ADAPTOR PLUG	1		Except G
	7	EQB4001-015	LOOP ANTENNA	1		
⚠	8	ENZ2202-001	SIEMENS PLUG	1		US
⚠		ENZ2203-001	ADAPTOR PLUG	1		U,UT
	9	E300196-010B	ENVELOPE	1		
	10	E300196-172	POLY BAG	1	POWER CORD	BS,UB
	-	BT-20066A	DISTRIBUTOR LIST	1		BS
	-	BT-20134	WARRANTY CARD	1		G
	-	BT-54003-1	WARRANTY CARD	1		BS
	-	E43486-340A	SAFETY SHEET	1		BS

The Marks for Designated Areas

BS .... the U.K. G ..... Germany GI ... Itary EF ..... Continental Europe
EN .... Nordic Countries UB .... Hong Kong US .... Singapore UT ..... Taiwan
U ..... Universal
No mark indicates all area.

Packing Materials and Part Numbers

Symbol No. M 3 M M



The Marks for Designated Areas

BS	the U.K.	G	Germany	GI	Itary	EF	Continental Europe
EN	Nordic Countries	UB	Hong Kong	US	Singapore	UT	Taiwan
U	Universal						

No mark indicates all area.

FX-F1GD
FX-F1RGD

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