

SECTION 8 EXPLODED VIEWS

NOTE:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.

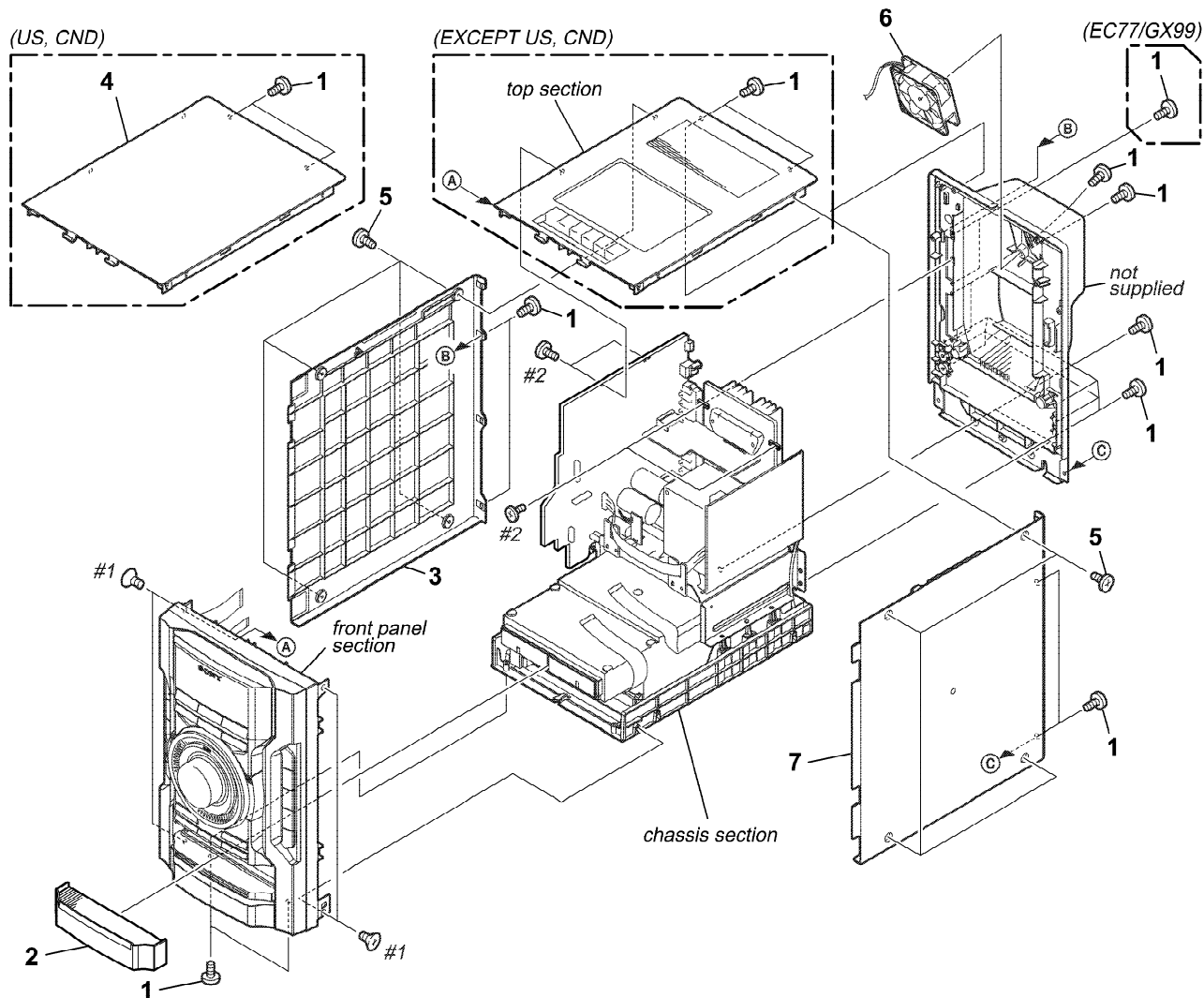
Abbreviation

AR	: Argentine model
AUS	: Australian model
CND	: Canadian model
E2	: 120V AC area in E model
E3	: 240V AC area in E model
E51	: Chilcan and Peruvian model
KR	: Korean model
MX	: Mexican model
RU	: Russian model
SP	: Singapore model

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

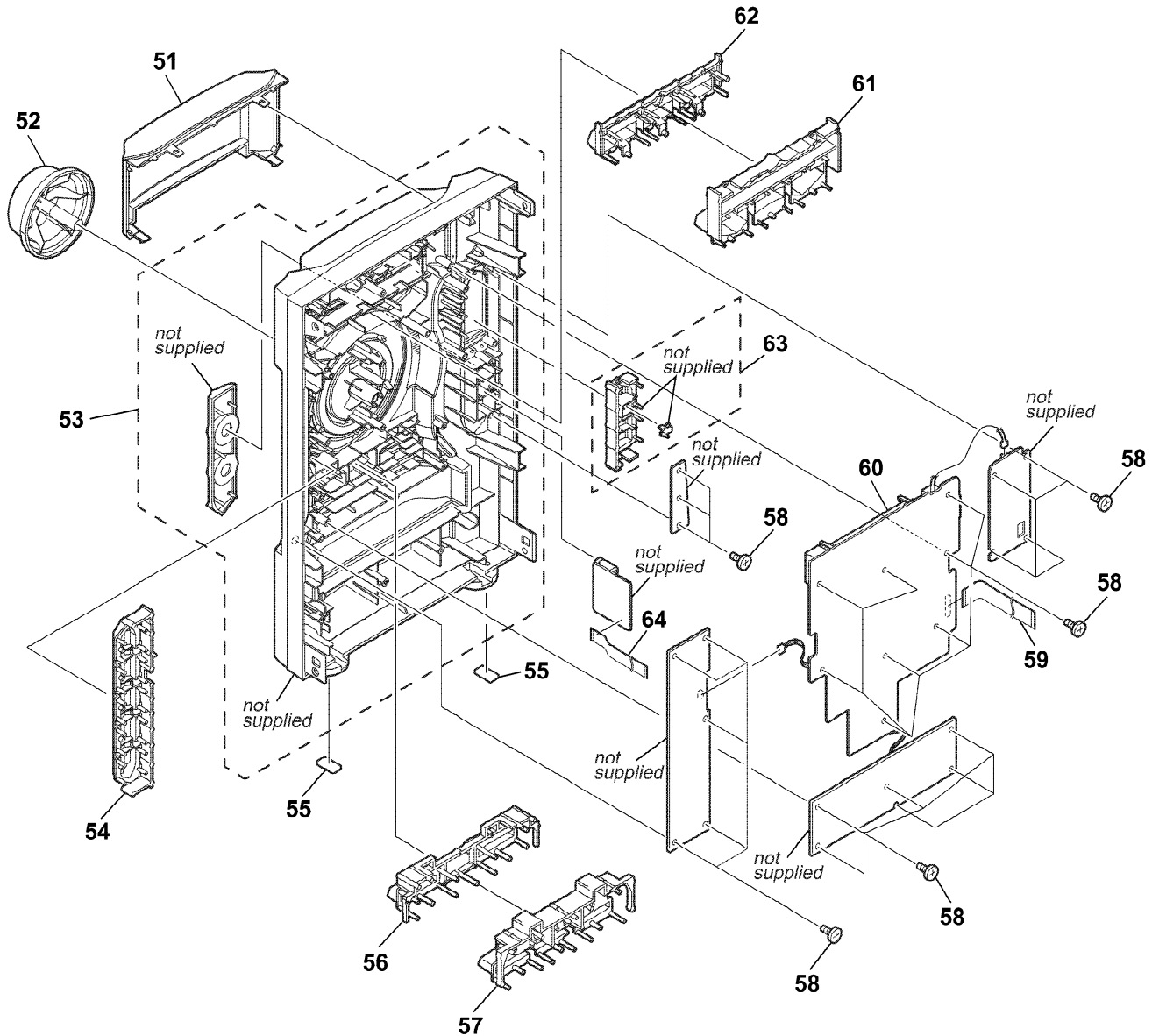
Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

8-1. OVERALL SECTION



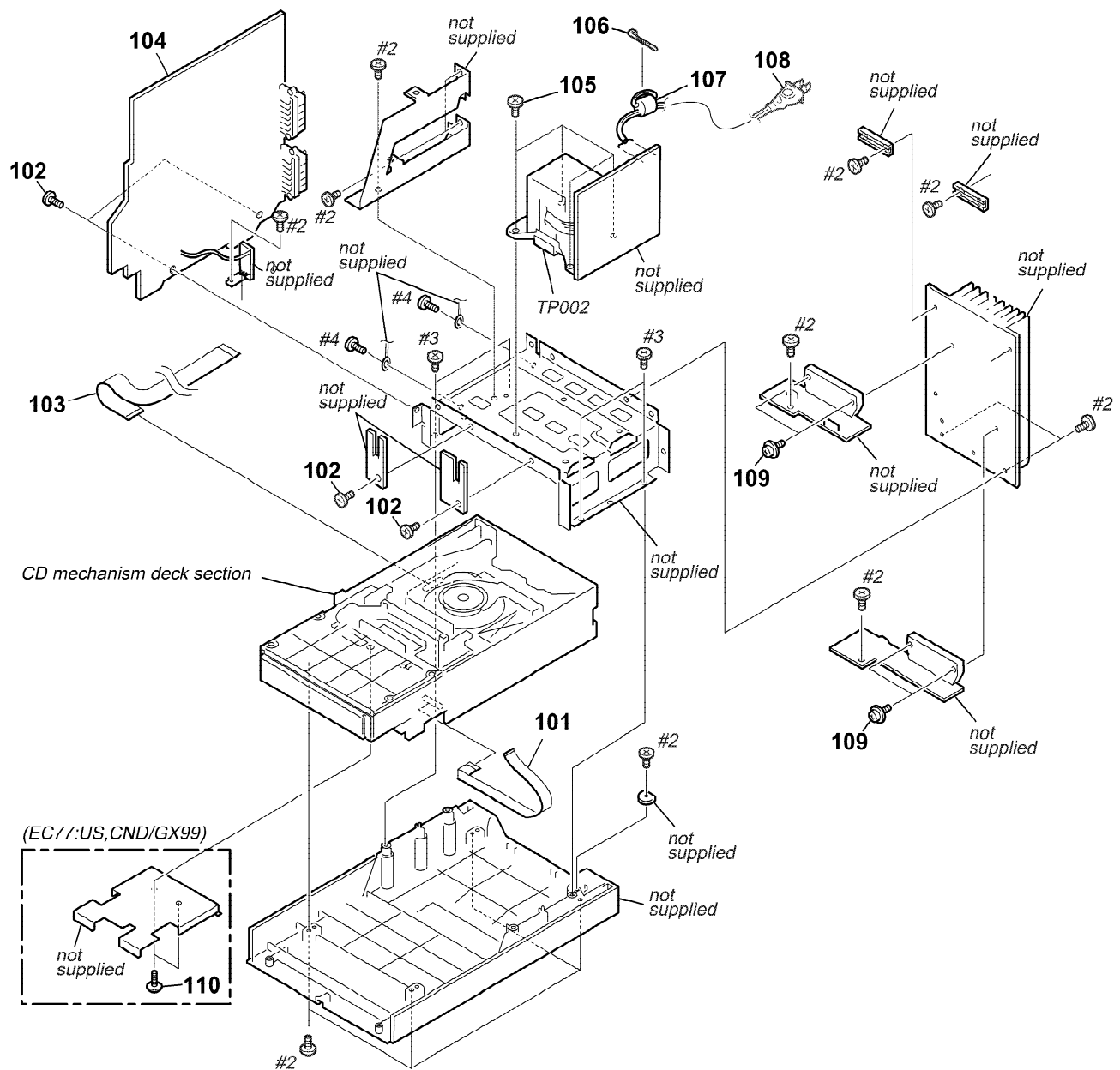
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	3-254-143-11	SCREW (B3), (+) BV TAPPING		6	1-787-319-12	FAN, DC	
2	2-890-827-01	DOOR (CD)				(EC55/EC77: AEP, RU, E2, E3, E51, MX, AR, AUS)	
3	2-890-831-01	PANEL (L), SIDE (US, CND)		6	1-787-344-11	FAN, DC (EC77: US, CND/GX99)	
3	2-890-831-11	PANEL (L), SIDE (EXCEPT US, CND)		7	2-890-830-01	PANEL (R), SIDE (US, CND)	
4	2-890-829-01	PANEL (TOP) (US, CND)		7	2-890-830-11	PANEL (R), SIDE (EXCEPT US, CND)	
5	3-363-099-32	SCREW (CASE 3 TP2)		#1	7-685-247-14	SCREW +KTP 3X10 TYPE2 NON-SLIT	
				#2	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	

8-2. FRONT PANEL SECTION



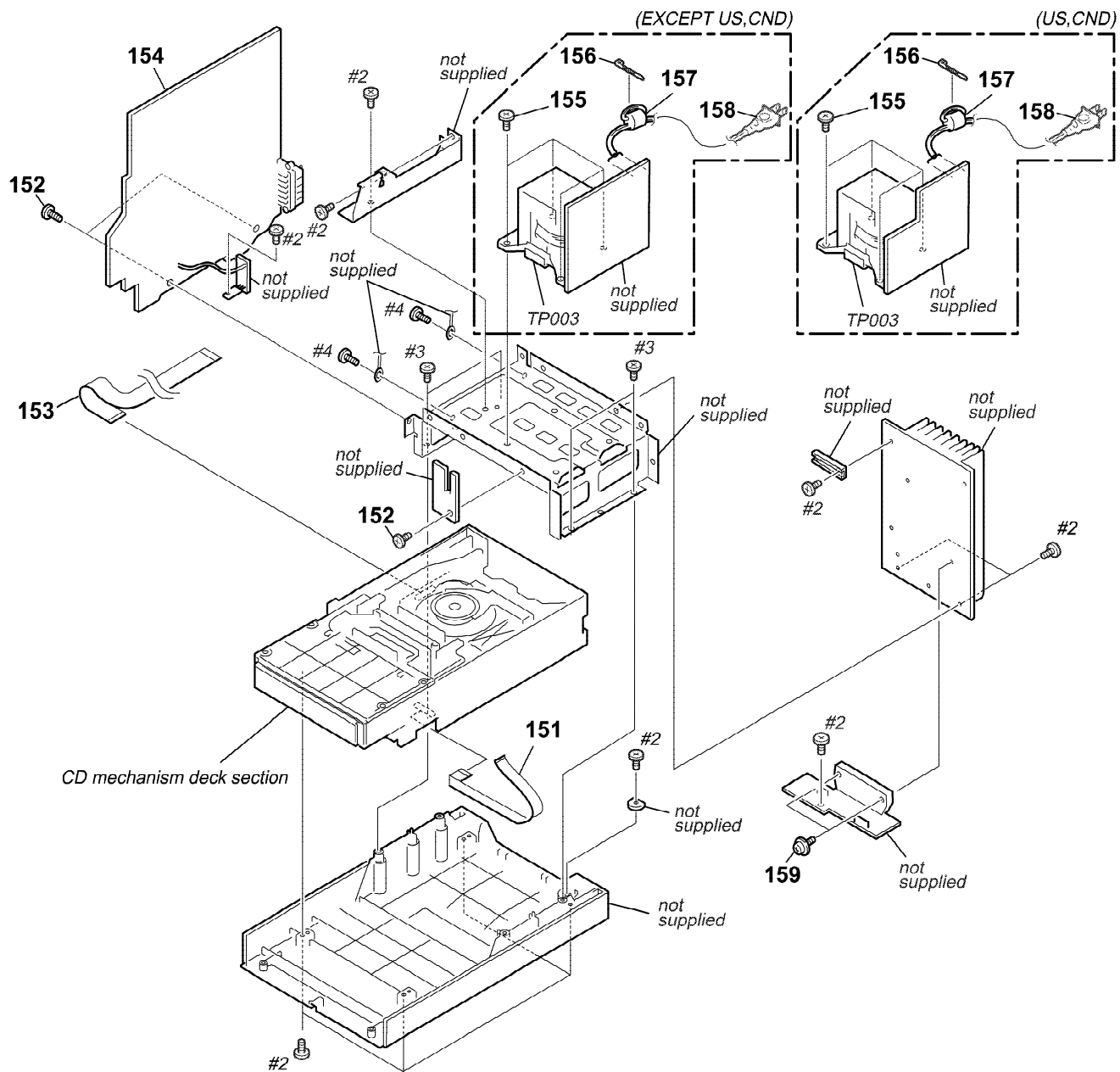
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	2-890-817-01	WINDOW (EC55: US, CND, AEP, UK, RU, KR, SP, AUS)		60	A-1218-562-A	PANEL BOARD, COMPLETE (EC77: AEP)	
51	2-890-817-11	WINDOW (EC55: E2, E51, MX, AR)		60	A-1218-590-A	PANEL BOARD, COMPLETE (EC77: RU)	
51	2-890-817-21	WINDOW (EC77: US, CND)		60	A-1218-598-A	PANEL BOARD, COMPLETE (EC77: E3)	
51	2-890-817-31	WINDOW (EC77: E2, E51, MX, AR)		60	A-1218-635-A	PANEL BOARD, COMPLETE (EC77: E2)	
51	2-890-817-41	WINDOW (GX99)		60	A-1218-642-A	PANEL BOARD, COMPLETE (EC77: E51, AR)	
51	2-890-817-51	WINDOW (EC77: AEP, RU, E3, AUS)		60	A-1218-654-A	PANEL BOARD, COMPLETE (EC77: MX)	
52	2-890-826-01	KNOB (VOL)		60	A-1218-690-A	PANEL BOARD, COMPLETE (EC55: US, CND)	
53	X-2177-497-1	PANEL (ASSY), FRONT (EC55: US, CND/EC77: US, CND)		60	A-1218-723-A	PANEL BOARD, COMPLETE (EC55: AEP, UK)	
53	X-2177-498-1	PANEL ASSY, FRONT (EC55: EXCEPT US, CND)		60	A-1218-754-A	PANEL BOARD, COMPLETE (EC55: RU)	
53	X-2177-499-1	PANEL ASSY, FRONT (EC77: EXCEPT US, CND)		60	A-1218-772-A	PANEL BOARD, COMPLETE (EC55: KR, SP)	
53	X-2177-500-1	PANEL ASSY, FRONT (GX99)		60	A-1218-812-A	PANEL BOARD, COMPLETE (EC55: E2)	
54	2-890-823-01	BUTTON (DSGX)		60	A-1218-819-A	PANEL BOARD, COMPLETE (EC55: E51, AR)	
55	4-225-252-01	CUSHION (FOOT)		60	A-1218-831-A	PANEL BOARD, COMPLETE (EC55: MX)	
56	2-890-820-01	BUTTON (EJECT)		60	A-1247-478-A	PANEL BOARD, COMPLETE (EC77: AUS)	
57	2-890-821-01	BUTTON (DISC)		60	A-1247-481-A	PANEL BOARD, COMPLETE (EC55: AUS)	
58	4-951-620-01	SCREW (2.6X8), +BVTP		61	2-890-819-01	BUTTON (TUNING)	
59	1-833-800-21	CABLE, FLEXIBLE FLAT (27 CORE)		62	2-890-818-01	BUTTON (FUNCTION)	
60	A-1218-504-A	PANEL BOARD, COMPLETE (GX99)		63	X-2177-496-1	BUTTON (POWER) ASSY	
60	A-1218-536-A	PANEL BOARD, COMPLETE (EC77: US, CND)		64	1-832-053-21	CABLE, FLEXIBLE FLAT (9 CORE)	

8-3. CHASSIS SECTION (EC77/GX99)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	1-832-838-21	CABLE, FLEXIBLE FLAT (13 CORE)		△ 108	1-832-377-11	CORD, POWER (MX)	
102	3-254-143-11	SCREW (B3), (+) BV TAPPING		△ 108	1-834-172-11	CORD, POWER (AR)	
103	1-834-181-21	CABLE, FLEXIBLE FLAT (21 CORE)		109	3-905-609-31	SCREW (TRANSISTOR)	
104	A-1218-507-A	MAIN BOARD, COMPLETE (GX99)		110	3-229-336-01	SCREW, +BVWH TAPPING (3X8)	
104	A-1218-539-A	MAIN BOARD, COMPLETE (EC77: US, CND)		△ TP002	1-445-113-11	TRANSFORMER, POWER	(EC77: US, CND/GX99)
104	A-1218-580-A	MAIN BOARD, COMPLETE (EC77: AEP, RU)		△ TP002	1-445-118-11	TRANSFORMER, POWER (EC77: AEP, RU)	
104	A-1218-600-A	MAIN BOARD, COMPLETE (EC77: E3, AUS)		△ TP002	1-445-119-11	TRANSFORMER, POWER	(EC77: E2, E3, E51, AR, AUS)
104	A-1218-637-A	MAIN BOARD, COMPLETE (EC77: E2, E51, AR)		△ TP002	1-445-120-11	TRANSFORMER, POWER (EC77: MX)	
104	A-1271-410-A	MAIN BOARD, COMPLETE (EC77: MX)		#2	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
105	4-900-386-01	SCREW		#3	7-685-661-14	SCREW +BVTP 4X12 TYPE2 IT-3	
106	3-701-748-00	CLAMP		#4	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	
107	1-500-868-11	CORE, FERRITE					
△ 108	1-775-790-81	CORD, POWER (AUS)					
△ 108	1-790-757-52	CORD, POWER (US, CND)					
△ 108	1-831-370-11	CORD, POWER (AEP, RU, E2, E3, E51)					

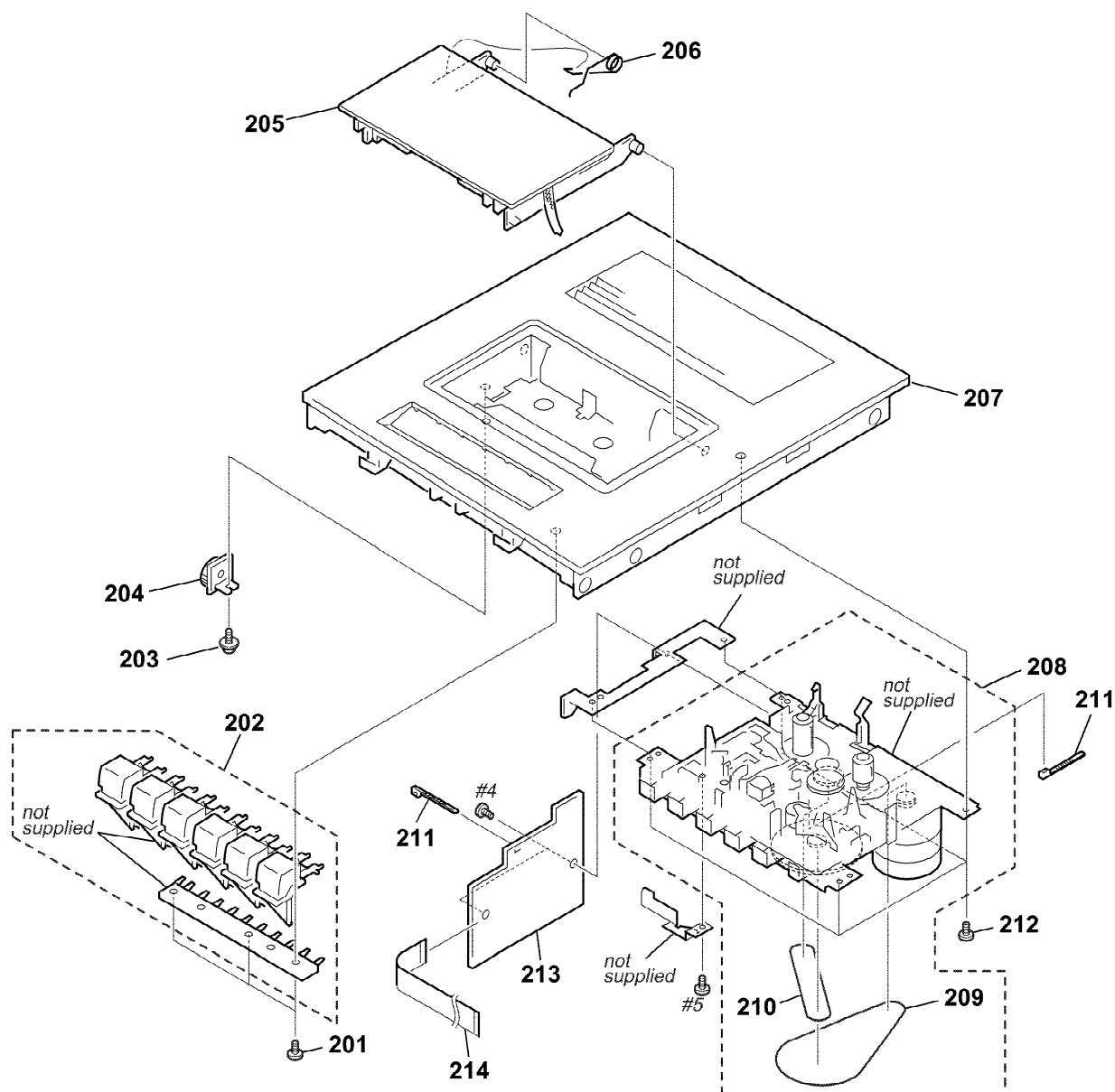
8-4. CHASSIS SECTION (EC55)



Ref. No.	Part No.	Description	Remark
151	1-832-838-21	CABLE, FLEXIBLE FLAT (13 CORE)	
152	3-254-143-11	SCREW (B3), (+) BV TAPPING	
153	1-834-181-21	CABLE, FLEXIBLE FLAT (21 CORE)	
154	A-1218-693-A	MAIN BOARD, COMPLETE (EC55: US, CND)	
154	A-1218-725-A	MAIN BOARD, COMPLETE (EC55: AEP, UK, RU)	
154	A-1218-774-A	MAIN BOARD, COMPLETE (EC55: SP, AUS)	
154	A-1218-814-A	MAIN BOARD, COMPLETE (EC55: E2, E51, MX, AR)	
154	A-1258-298-A	MAIN BOARD, COMPLETE (EC55: KR)	
155	4-900-386-01	SCREW	
156	3-701-748-00	CLAMP	
157	1-500-868-11	CORE, FERRITE	
△ 158	1-769-079-51	CORD, POWER (KR)	
△ 158	1-775-790-81	CORD, POWER (AUS)	
△ 158	1-790-757-52	CORD, POWER (US, CND)	

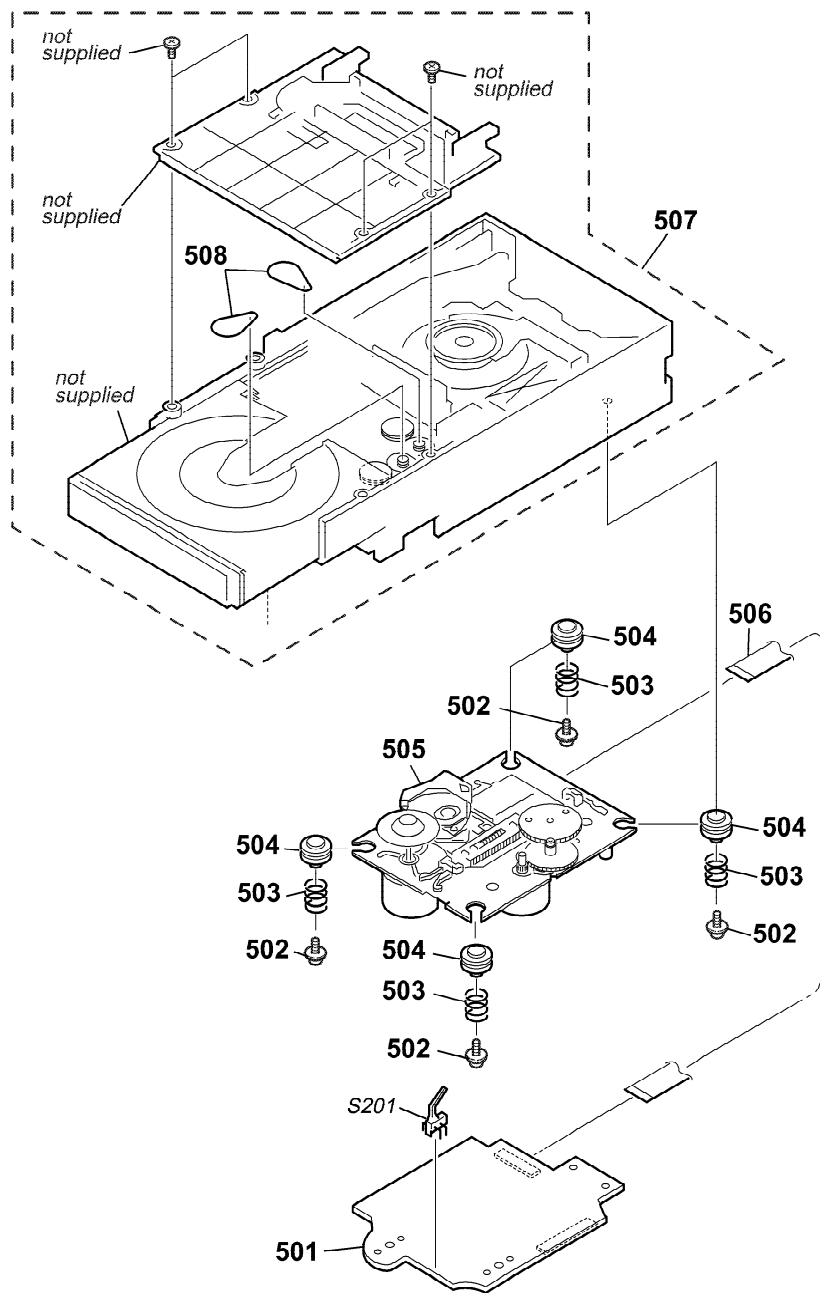
Ref. No.	Part No.	Description	Remark
△ 158	1-830-891-11	CORD, POWER (UK)	
△ 158	1-831-370-11	CORD, POWER (AEP, RU, E2, E51, SP)	
△ 158	1-832-377-11	CORD, POWER (MX)	
△ 158	1-834-172-11	CORD, POWER (AR)	
159	3-905-609-31	SCREW (TRANSISTOR)	
△ TP003	1-443-911-11	TRANSFORMER, POWER (E2, E51, KR, AR, SP, AUS)	
△ TP003	1-443-995-11	TRANSFORMER, POWER (MX)	
△ TP003	1-445-115-11	TRANSFORMER, POWER (US, CND)	
△ TP003	1-445-117-11	TRANSFORMER, POWER (AEP, UK, RU)	
#2	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
#3	7-685-661-14	SCREW +BVTP 4X12 TYPE2 IT-3	
#4	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	

8-5. TOP SECTION (EXCEPT US, CND)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
201	3-252-827-01	SCREW (B2.6), (+) BV TAPPING		211	3-701-748-00	CLAMP	
202	2-649-132-21	BUTTON (CASS)		212	4-951-620-01	SCREW (2.6X8), +BVTP	
203	3-921-725-01	SCREW (2.6X10), +PWH		213	A-1218-569-A	DECK BOARD, COMPLETE	
204	3-047-468-01	DAMPER				(EC77: AEP, RU, E2, E3, E51, MX, AR, AUS)	
205	2-649-131-21	BOX, CASSETTE		213	A-1218-730-A	DECK BOARD, COMPLETE	
206	2-649-152-02	SPRING (CASS)				(EC55: AEP, UK, RU, E2, E51, MX, KR, AR, SP, AUS)	
207	2-649-128-71	PANEL, TOP		214	1-833-801-21	CABLE, FLEXIBLE FLAT (9 CORE)	
208	1-797-575-11	DECK, MECHANICAL		#4	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	
209	2-688-622-01	BELT (MAIN)		#5	7-685-850-04	SCREW +BVTT 2X3 (S)	
210	2-688-621-01	BELT (R/F)					

8-6. CD MECHANISM DECK SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
501	A-1217-914-A	BD90 BOARD, COMPLETE		506	1-832-404-21	CABLE, FLEXIBLE FLAT (16 CORE)	
502	4-985-672-01	SCREW (+PTPWHM2.6), FLOATING		507	1-797-193-12	MECHANICAL, CD (DLM3A23-11)	
503	4-227-045-31	SPRING (INSULATOR), COIL		508	2-632-062-11	BELT (DLM3A)	
504	4-227-549-31	INSULATOR		S201	1-771-853-11	SWITCH, DETECTION (LIMIT)	
△505	A-4735-357-A	BASE ASSY, OP (KSM-213)					

HCD-EC55/EC77/GX99

BD90

DECK

Ref. No.	Part No.	Description	Remark			
R108	1-216-864-11	SHORT CHIP	0			
R110	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R111	1-216-809-11	METAL CHIP	100	5%	1/10W	
R112	1-216-809-11	METAL CHIP	100	5%	1/10W	
R113	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R114	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R118	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R120	1-216-864-11	SHORT CHIP	0			
R125	1-216-864-11	SHORT CHIP	0			
R126	1-216-864-11	SHORT CHIP	0			
R127	1-216-864-11	SHORT CHIP	0			
R128	1-216-853-11	METAL CHIP	470K	5%	1/10W	
R129	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R130	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R134	1-216-857-11	METAL CHIP	1M	5%	1/10W	
R135	1-216-853-11	METAL CHIP	470K	5%	1/10W	
R136	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R139	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R140	1-216-864-11	SHORT CHIP	0			
R142	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R143	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R144	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R145	1-216-864-11	SHORT CHIP	0			
R146	1-216-864-11	SHORT CHIP	0			
R147	1-216-864-11	SHORT CHIP	0			
R148	1-216-864-11	SHORT CHIP	0			
R149	1-216-864-11	SHORT CHIP	0			
R150	1-216-864-11	SHORT CHIP	0			
R151	1-216-864-11	SHORT CHIP	0			
R153	1-216-857-11	METAL CHIP	1M	5%	1/10W	
R154	1-216-857-11	METAL CHIP	1M	5%	1/10W	
R155	1-216-805-11	METAL CHIP	47	5%	1/10W	
R156	1-216-809-11	METAL CHIP	100	5%	1/10W	
R157	1-216-809-11	METAL CHIP	100	5%	1/10W	
R201	1-216-295-91	SHORT CHIP	0			
R202	1-216-295-91	SHORT CHIP	0			
R203	1-216-809-11	METAL CHIP	100	5%	1/10W	
R204	1-216-809-11	METAL CHIP	100	5%	1/10W	
R205	1-216-809-11	METAL CHIP	100	5%	1/10W	
R206	1-216-809-11	METAL CHIP	100	5%	1/10W	
R207	1-216-809-11	METAL CHIP	100	5%	1/10W	
R208	1-216-809-11	METAL CHIP	100	5%	1/10W	
R209	1-216-809-11	METAL CHIP	100	5%	1/10W	
R210	1-216-809-11	METAL CHIP	100	5%	1/10W	
R211	1-216-809-11	METAL CHIP	100	5%	1/10W	
R212	1-216-809-11	METAL CHIP	100	5%	1/10W	
R218	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R219	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R220	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R221	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R222	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R223	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R301	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R302	1-216-864-11	SHORT CHIP	0			
R303	1-216-789-11	METAL CHIP	2.2	5%	1/10W	
R304	1-216-789-11	METAL CHIP	2.2	5%	1/10W	
R402	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R405	1-216-833-11	METAL CHIP	10K	5%	1/10W	

Ref. No.	Part No.	Description			Remark
R408	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R414	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R415	1-216-841-11	METAL CHIP	47K	5%	1/10W
< VIBRATOR >					
X102	1-795-101-21	VIBRATOR, CERAMIC (16.934MHZ)			

	A-1218-569-A	DECK BOARD, COMPLETE (EC77: AEP, RU, E2, E3, E51, MX)			
	A-1218-730-A	DECK BOARD, COMPLETE (EC55: AEP, UK, RU, E2, E51, MX)			

< CAPACITOR >					
C501	1-126-933-11	ELECT	100uF	20%	16V
C502	1-126-933-11	ELECT	100uF	20%	16V
C503	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C504	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C505	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C506	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C509	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C510	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C511	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C512	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C513	1-126-960-11	ELECT	1uF	20%	50V
C514	1-126-960-11	ELECT	1uF	20%	50V
C515	1-126-947-11	ELECT	47uF	20%	35V
C516	1-126-947-11	ELECT	47uF	20%	35V
C517	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C519	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C520	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C521	1-125-837-91	CERAMIC CHIP	1uF	10%	6.3V
C522	1-125-837-91	CERAMIC CHIP	1uF	10%	6.3V
C523	1-125-837-91	CERAMIC CHIP	1uF	10%	6.3V
C524	1-125-837-91	CERAMIC CHIP	1uF	10%	6.3V
C525	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C526	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
= C527	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C528	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C529	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C530	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C531	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C532	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C533	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C534	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C535	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C536	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C537	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C538	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C539	1-115-156-11	CERAMIC CHIP	1uF		10V
C540	1-137-391-11	MYLAR	0.0047uF	5%	100V
C541	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C542	1-104-662-91	ELECT	22uF	20%	25V
C543	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C545	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C546	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V

DECK

HI-AMP

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
< CONNECTOR >				R533	1-216-837-11	METAL CHIP 22K 5%	1/10W
CN501	1-815-449-11	PIN, CONNECTOR (PWB) 8P		R534	1-216-835-11	METAL CHIP 15K 5%	1/10W
< TERMINAL >				R535	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
ET501	1-537-771-21	TERMINAL BOARD, GROUND		R536	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
< IC >				R537	1-216-833-11	METAL CHIP 10K 5%	1/10W
IC501	8-759-100-96	IC uPC4558G2		R538	1-216-833-11	METAL CHIP 10K 5%	1/10W
IC502	8-759-100-96	IC uPC4558G2		R539	1-216-793-11	METAL CHIP 4.7 5%	1/10W
< JUMPER RESISTOR >				R540	1-216-805-11	METAL CHIP 47 5%	1/10W
JR501	1-216-864-11	SHORT CHIP 0		R541	1-216-805-11	METAL CHIP 47 5%	1/10W
JR502	1-216-864-11	SHORT CHIP 0		R543	1-216-809-11	METAL CHIP 100 5%	1/10W
JR503	1-216-864-11	SHORT CHIP 0		R544	1-216-809-11	METAL CHIP 100 5%	1/10W
JR504	1-216-295-91	SHORT CHIP 0		R545	1-216-817-11	METAL CHIP 470 5%	1/10W
< COIL >				R546	1-216-817-11	METAL CHIP 470 5%	1/10W
L501	1-456-094-11	TRANSFORMER, BIAS OSCILLATION		< SWITCH >			
< TRANSISTOR >				S501	1-762-369-11	SWITCH, SLIDE (REC/PB SW)	
Q501	8-729-119-78	TRANSISTOR 2SC2785-HFE		*****			
Q502	8-729-119-78	TRANSISTOR 2SC2785-HFE		HI-AMP BOARD			
< RESISTOR >				*****			
R501	1-216-825-11	METAL CHIP 2.2K 5%	1/10W	< CAPACITOR >			
R502	1-216-825-11	METAL CHIP 2.2K 5%	1/10W	C101	1-126-960-11	ELECT 1uF 20%	50V
R503	1-216-825-11	METAL CHIP 2.2K 5%	1/10W	C102	1-126-960-11	ELECT 1uF 20%	50V
R504	1-216-825-11	METAL CHIP 2.2K 5%	1/10W	C103	1-164-315-11	CERAMIC CHIP 470PF 5%	50V
R505	1-216-835-11	METAL CHIP 15K 5%	1/10W	C104	1-164-315-11	CERAMIC CHIP 470PF 5%	50V
R506	1-216-835-11	METAL CHIP 15K 5%	1/10W	C105	1-162-927-11	CERAMIC CHIP 100PF 5%	50V
R507	1-216-851-11	METAL CHIP 330K 5%	1/10W	C106	1-162-927-11	CERAMIC CHIP 100PF 5%	50V
R508	1-216-851-11	METAL CHIP 330K 5%	1/10W	C107	1-126-947-11	ELECT 47uF 20%	35V
R509	1-216-811-11	METAL CHIP 150 5%	1/10W	C108	1-126-947-11	ELECT 47uF 20%	35V
R510	1-216-811-11	METAL CHIP 150 5%	1/10W	C109	1-162-908-11	CERAMIC CHIP 3PF 0.25PF	50V
R511	1-216-845-11	METAL CHIP 100K 5%	1/10W	C110	1-162-908-11	CERAMIC CHIP 3PF 0.25PF	50V
R512	1-216-845-11	METAL CHIP 100K 5%	1/10W	C111	1-126-968-11	ELECT 100uF 20%	50V
R513	1-216-845-11	METAL CHIP 100K 5%	1/10W	(EC55/EC77: EXCEPT US,CND)			
R514	1-216-845-11	METAL CHIP 100K 5%	1/10W	C111	1-128-576-11	ELECT 100uF 20%	63V
R515	1-216-864-11	SHORT CHIP 0		(EC77: US, CND/GX99)			
R516	1-216-864-11	SHORT CHIP 0		C113	1-126-968-11	ELECT 100uF 20%	50V
R517	1-216-821-11	METAL CHIP 1K 5%	1/10W	(EC55/EC77: EXCEPT US,CND)			
R518	1-216-821-11	METAL CHIP 1K 5%	1/10W	C113	1-128-576-11	ELECT 100uF 20%	63V
R519	1-216-841-11	METAL CHIP 47K 5%	1/10W	(EC77: US, CND/GX99)			
R520	1-216-841-11	METAL CHIP 47K 5%	1/10W	C115	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V
R521	1-216-841-11	METAL CHIP 47K 5%	1/10W	C116	1-162-968-11	CERAMIC CHIP 0.0047uF 10%	50V
R522	1-216-841-11	METAL CHIP 47K 5%	1/10W	(EC77/GX99)			
R523	1-216-827-11	METAL CHIP 3.3K 5%	1/10W	C116	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V
R524	1-216-827-11	METAL CHIP 3.3K 5%	1/10W	(EC55)			
R525	1-216-851-11	METAL CHIP 330K 5%	1/10W	C118	1-162-968-11	CERAMIC CHIP 0.0047uF 10%	50V
R526	1-216-851-11	METAL CHIP 330K 5%	1/10W	(EC55)			
R527	1-216-851-11	METAL CHIP 330K 5%	1/10W	C119	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V
R528	1-216-851-11	METAL CHIP 330K 5%	1/10W	(EC77/GX99)			
R529	1-216-825-11	METAL CHIP 2.2K 5%	1/10W	C119	1-216-864-11	SHORT CHIP 0 (EC55)	
R530	1-216-825-11	METAL CHIP 2.2K 5%	1/10W	C120	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V
R531	1-216-832-11	METAL CHIP 8.2K 5%	1/10W	(EC77/GX99)			
R532	1-216-832-11	METAL CHIP 8.2K 5%	1/10W	C120	1-216-864-11	SHORT CHIP 0 (EC55)	
< CONNECTOR >				C151	1-162-968-11	CERAMIC CHIP 0.0047uF 10%	50V
< CONNECTOR >				C152	1-162-968-11	CERAMIC CHIP 0.0047uF 10%	50V
< CONNECTOR >				C153	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
< CONNECTOR >				< CONNECTOR >			
< CONNECTOR >				* CN101	1-569-505-11	PIN, CONNECTOR 10P	

HCD-EC55/EC77/GX99

Ver. 1.2

HI-AMP JACK KEY-CD

Ref. No.	Part No.	Description	Remark
< DIODE >			
D121	6-501-730-01	DIODE MAZ8051GMLS0 (EC55)	
D151	6-500-335-01	DIODE MC2838-T112-1	
D152	8-719-404-50	DIODE MA111-TX	
< IC >			
IC101	6-705-620-01	IC STK433-060 (EC55)	
IC101	6-705-621-01	IC STK433-070 (EC77: EXCEPT US,CND)	
IC102	6-600-580-01	IC STK433-090-E (EC77: US, CND/GX99)	
< TRANSISTOR >			
Q101	8-729-600-22	TRANSISTOR 2SA1235-F (EC55)	
Q102	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q151	6-551-270-01	TRANSISTOR 2SA2026	
Q152	6-551-270-01	TRANSISTOR 2SA2026	
< RESISTOR >			
R101	1-216-813-11	METAL CHIP 220 5% 1/10W (EC77: US, CND/GX99)	
R101	1-216-824-11	METAL CHIP 1.8K 5% 1/10W (EC77: E2, E3, E51, MX)	
R101	1-216-825-11	METAL CHIP 2.2K 5% 1/10W (EC55/EC77: AEP, RU)	
R102	1-216-813-11	METAL CHIP 220 5% 1/10W (EC77: US, CND/GX99)	
R102	1-216-824-11	METAL CHIP 1.8K 5% 1/10W (EC77: E2, E3, E51, MX)	
R102	1-216-825-11	METAL CHIP 2.2K 5% 1/10W (EC55/EC77: AEP, RU)	
R103	1-216-830-11	METAL CHIP 5.6K 5% 1/10W (EC55)	
R103	1-216-834-11	METAL CHIP 12K 5% 1/10W (EC77: AEP, RU)	
R103	1-216-835-11	METAL CHIP 15K 5% 1/10W (EC77: EXCEPT AEP,RU/GX99)	
R104	1-216-830-11	METAL CHIP 5.6K 5% 1/10W (EC55)	
R104	1-216-834-11	METAL CHIP 12K 5% 1/10W (EC77: AEP, RU)	
R104	1-216-835-11	METAL CHIP 15K 5% 1/10W (EC77: EXCEPT AEP,RU/GX99)	
R105	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R106	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R107	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R108	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R109	1-216-809-11	METAL CHIP 100 5% 1/10W (EC55)	
R109	1-216-864-11	SHORT CHIP 0 (EC77/GX99)	
R110	1-216-809-11	METAL CHIP 100 5% 1/10W (EC55)	
R110	1-216-864-11	SHORT CHIP 0 (EC77/GX99)	
R111	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R112	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R119	1-216-813-11	METAL CHIP 220 5% 1/10W	
R120	1-216-813-11	METAL CHIP 220 5% 1/10W	
R121	1-216-813-11	METAL CHIP 220 5% 1/10W	
R122	1-216-813-11	METAL CHIP 220 5% 1/10W	
R123	1-216-841-11	METAL CHIP 47K 5% 1/10W (EC55)	

Ref. No.	Part No.	Description	Remark
R124	1-216-841-11	METAL CHIP 47K 5% 1/10W (EC55)	
R125	1-216-845-11	METAL CHIP 100K 5% 1/10W (EC55)	
R126	1-216-829-11	METAL CHIP 4.7K 5% 1/10W (EC55)	
R127	1-216-833-11	METAL CHIP 10K 5% 1/10W (EC55)	
R128	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R129	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R130	1-247-807-31	CARBON 100 5% 1/4W (EC55: AEP, UK/EC77: AEP, RU)	
△R151	1-216-361-31	METAL OXIDE 0.22 5% 2W F	
△R152	1-216-361-31	METAL OXIDE 0.22 5% 2W F	
R155	1-216-813-11	METAL CHIP 220 5% 1/10W	
R156	1-216-813-11	METAL CHIP 220 5% 1/10W	
R159	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R160	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R161	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R162	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R165	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R166	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R167	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R168	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	

JACK BOARD			

< CAPACITOR >			
C401	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C402	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C403	1-216-837-11	METAL CHIP 22K 5% 1/10W	
C404	1-216-837-11	METAL CHIP 22K 5% 1/10W	
C405	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
C406	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
< JACK >			
J401	1-566-822-51	JACK (AUDIO IN)	
J402	1-815-629-21	JACK (PHONES)	

KEY-CD BOARD			

< RESISTOR >			
R407	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R408	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R409	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R410	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R411	1-216-841-11	METAL CHIP 47K 5% 1/10W	
< SWITCH >			
SW306	1-762-875-21	SWITCH, KEYBOARD (DISC 1)	
SW307	1-762-875-21	SWITCH, KEYBOARD (DISC 2)	
SW308	1-762-875-21	SWITCH, KEYBOARD (DISC 3)	
SW309	1-762-875-21	SWITCH, KEYBOARD (▲)	
SW310	1-762-875-21	SWITCH, KEYBOARD (DISC SKIP/EX-CHANGE)	

KEY-LEFT

KEY-RIGHT

LOW-AMP

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
		KEY-LEFT BOARD									

		< CONNECTOR >									
CN401	1-815-552-11	PIN, CONNECTOR (PWB) 4P				C113	1-126-968-11	ELECT 100uF 20% 50V			
		< LED >						(EC77: AEP, RU, E2, E3, E51, MX)			
LED302	6-501-483-01	DIODE SLR-325VCT31P (STANDBY)				C113	1-128-576-11	ELECT 100uF 20% 63V			
		< RESISTOR >						(EC77: US, CND/GX99)			
R404	1-216-821-11	METAL CHIP 1K 5% 1/10W				C115	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V			
		< SWITCH >				C116	1-162-968-11	CERAMIC CHIP 0.0047uF 10% 50V			
SW301	1-762-875-21	SWITCH, KEYBOARD (I/⏻)				C118	1-162-968-11	CERAMIC CHIP 0.0047uF 10% 50V			
SW302	1-762-875-21	SWITCH, KEYBOARD (DISPLAY)				C119	1-216-864-11	SHORT CHIP 0			
*****						C120	1-216-864-11	SHORT CHIP 0			
		KEY-RIGHT BOARD				C151	1-162-968-11	CERAMIC CHIP 0.0047uF 10% 50V			
		*****				C152	1-162-968-11	CERAMIC CHIP 0.0047uF 10% 50V			
		< CONNECTOR >				C153	1-100-566-91	CERAMIC CHIP 0.1uF 10% 25V			
CN403	1-815-550-11	PIN, CONNECTOR (PWB) 2P						< CONNECTOR >			
		< RESISTOR >				* CN101	1-569-505-11	PIN, CONNECTOR 10P			
R414	1-216-825-11	METAL CHIP 2.2K 5% 1/10W						< DIODE >			
R415	1-216-829-11	METAL CHIP 4.7K 5% 1/10W				D121	6-501-730-01	DIODE MAZ8051GMLS0			
R416	1-216-833-11	METAL CHIP 10K 5% 1/10W				D151	6-500-335-01	DIODE MC2838-T112-1			
R417	1-216-837-11	METAL CHIP 22K 5% 1/10W				D152	8-719-404-50	DIODE MA111-TX			
R418	1-216-841-11	METAL CHIP 47K 5% 1/10W						< IC >			
		< SWITCH >				IC101	6-705-621-01	IC STK433-070 (EC77: EXCEPT US, CND)			
SW314	1-762-875-21	SWITCH, KEYBOARD (PLAY MODE/TUNING MODE)				IC102	6-600-580-01	IC STK433-090-E (EC77: US, CND/GX99)			
SW315	1-762-875-21	SWITCH, KEYBOARD (⏻ +)						< TRANSISTOR >			
SW316	1-762-875-21	SWITCH, KEYBOARD (⏻ -)				Q101	8-729-600-22	TRANSISTOR 2SA1235-F			
SW317	1-762-875-21	SWITCH, KEYBOARD (DSGX)				Q102	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
SW318	1-762-875-21	SWITCH, KEYBOARD (EQ)				Q151	6-551-270-01	TRANSISTOR 2SA2026			
*****						Q152	6-551-270-01	TRANSISTOR 2SA2026			
		LOW-AMP BOARD (EC77/GX99)						< RESISTOR >			
		*****				R101	1-216-823-11	METAL CHIP 1.5K 5% 1/10W			
		< CAPACITOR >						(EC77: US, CND/GX99)			
C101	1-126-960-11	ELECT 1uF 20% 50V				R101	1-216-824-11	METAL CHIP 1.8K 5% 1/10W			
C102	1-126-960-11	ELECT 1uF 20% 50V						(EC77: E2, E3, E51, MX)			
C103	1-164-315-11	CERAMIC CHIP 470PF 5% 50V				R101	1-216-825-11	METAL CHIP 2.2K 5% 1/10W			
C104	1-164-315-11	CERAMIC CHIP 470PF 5% 50V						(EC77: AEP, RU)			
C105	1-162-927-11	CERAMIC CHIP 100PF 5% 50V				R102	1-216-823-11	METAL CHIP 1.5K 5% 1/10W			
C106	1-162-927-11	CERAMIC CHIP 100PF 5% 50V						(EC77: US, CND/GX99)			
C107	1-126-947-11	ELECT 47uF 20% 35V				R102	1-216-824-11	METAL CHIP 1.8K 5% 1/10W			
C108	1-126-947-11	ELECT 47uF 20% 35V						(EC77: E2, E3, E51, MX)			
C109	1-162-908-11	CERAMIC CHIP 3PF 0.25PF 50V				R103	1-216-834-11	METAL CHIP 12K 5% 1/10W			
C110	1-162-908-11	CERAMIC CHIP 3PF 0.25PF 50V						(EC77: AEP, RU)			
C111	1-126-968-11	ELECT 100uF 20% 50V				R103	1-216-835-11	METAL CHIP 15K 5% 1/10W			
		(EC77: AEP, RU, E2, E3, E51, MX)						(EC77: E2, E3, E51, MX)			
C111	1-128-576-11	ELECT 100uF 20% 63V				R104	1-216-834-11	METAL CHIP 12K 5% 1/10W			
		(EC77: US, CND/GX99)						(EC77: AEP, RU)			
						R104	1-216-835-11	METAL CHIP 15K 5% 1/10W			
								(EC77: E2, E3, E51, MX)			
						R105	1-216-841-11	METAL CHIP 47K 5% 1/10W			
						R106	1-216-841-11	METAL CHIP 47K 5% 1/10W			
						R107	1-216-821-11	METAL CHIP 1K 5% 1/10W			
						R108	1-216-821-11	METAL CHIP 1K 5% 1/10W			
						R109	1-216-864-11	SHORT CHIP 0			
						R110	1-216-864-11	SHORT CHIP 0			

HCD-EC55/EC77/GX99

Ver. 1.2

LOW-AMP MAIN

Ref. No.	Part No.	Description	Remark
R111	1-216-841-11	METAL CHIP 47K 5%	1/10W
R112	1-216-841-11	METAL CHIP 47K 5%	1/10W
R119	1-216-813-11	METAL CHIP 220 5%	1/10W
R120	1-216-813-11	METAL CHIP 220 5%	1/10W
R121	1-216-813-11	METAL CHIP 220 5%	1/10W
R122	1-216-813-11	METAL CHIP 220 5%	1/10W
R123	1-216-841-11	METAL CHIP 47K 5%	1/10W
R124	1-216-841-11	METAL CHIP 47K 5%	1/10W
R125	1-216-845-11	METAL CHIP 100K 5%	1/10W
R126	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R127	1-216-833-11	METAL CHIP 10K 5%	1/10W
R128	1-216-833-11	METAL CHIP 10K 5%	1/10W
R129	1-216-821-11	METAL CHIP 1K 5%	1/10W
R130	1-247-807-31	CARBON 100 5%	1/4W

(EC77: AEP, RU)

△R151	1-216-361-31	METAL OXIDE 0.22 5%	2W F
△R152	1-216-361-31	METAL OXIDE 0.22 5%	2W F
R155	1-216-813-11	METAL CHIP 220 5%	1/10W
R156	1-216-813-11	METAL CHIP 220 5%	1/10W
R159	1-216-833-11	METAL CHIP 10K 5%	1/10W
R160	1-216-833-11	METAL CHIP 10K 5%	1/10W
R161	1-216-833-11	METAL CHIP 10K 5%	1/10W
R162	1-216-833-11	METAL CHIP 10K 5%	1/10W
R165	1-216-833-11	METAL CHIP 10K 5%	1/10W
R166	1-216-833-11	METAL CHIP 10K 5%	1/10W
R167	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R168	1-216-825-11	METAL CHIP 2.2K 5%	1/10W

A-1218-507-A MAIN BOARD, COMPLETE (GX99)
A-1218-539-A MAIN BOARD, COMPLETE (EC77: US, CND)
A-1218-580-A MAIN BOARD, COMPLETE (EC77: AEP, RU)
A-1218-600-A MAIN BOARD, COMPLETE (EC77: E3)
A-1218-637-A MAIN BOARD, COMPLETE (EC77: E2, E51, MX)

A-1218-693-A MAIN BOARD, COMPLETE (EC55: US)
A-1218-725-A MAIN BOARD, COMPLETE (EC55: AEP, UK, RU)
A-1218-814-A MAIN BOARD, COMPLETE (EC55: E2, E51, MX)

< CAPACITOR >

C601	1-126-947-11	ELECT 47uF 20%	35V
C602	1-126-965-91	ELECT 22uF 20%	50V
C603	1-162-974-11	CERAMIC CHIP 0.01uF	50V
			(EC77/GX99)
C604	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
			(EC77/GX99)
C605	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
			(EC77/GX99)
C606	1-162-974-11	CERAMIC CHIP 0.01uF	50V
			(EC77/GX99)
C607	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
C608	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
C609	1-162-974-11	CERAMIC CHIP 0.01uF	50V
C610	1-162-974-11	CERAMIC CHIP 0.01uF	50V
C611	1-127-715-91	CERAMIC CHIP 0.22uF 10%	16V
C612	1-127-715-91	CERAMIC CHIP 0.22uF 10%	16V
C613	1-126-964-11	ELECT 10uF 20%	50V
C614	1-126-963-11	ELECT 4.7uF 20%	50V
C615	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
			(EC77/GX99)

Ref. No.	Part No.	Description	Remark
C616	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
			(EC77/GX99)
C617	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
C618	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
C620	1-104-658-91	ELECT 100uF 20%	10V
C621	1-137-749-11	MYLAR 0.1uF	100V
C622	1-114-471-51	ELECT 3300uF 20%	63V
		(EC77: US, CND, AEP, RU/GX99)	
C622	1-128-550-11	ELECT 2200uF 20%	50V
			(EC55)
C623	1-137-749-11	MYLAR 0.1uF	100V
C626	1-114-471-51	ELECT 3300uF 20%	63V
		(EC77: US, CND, AEP, RU/GX99)	
C626	1-128-550-11	ELECT 2200uF 20%	50V
			(EC55)
C627	1-126-943-11	ELECT 2200uF 20%	25V
C628	1-126-942-61	ELECT 1000uF 20%	25V
C630	1-126-947-11	ELECT 47uF 20%	35V
C631	1-126-933-11	ELECT 100uF 20%	16V
C632	1-126-963-11	ELECT 4.7uF 20%	50V
C633	1-110-563-11	CERAMIC CHIP 0.068uF 10%	16V
C634	1-110-563-11	CERAMIC CHIP 0.068uF 10%	16V
C635	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V
			(EXCEPT US, CND)
C636	1-126-960-11	ELECT 1uF 20%	50V
C637	1-110-563-11	CERAMIC CHIP 0.068uF 10%	16V
C638	1-110-563-11	CERAMIC CHIP 0.068uF 10%	16V
C639	1-162-968-11	CERAMIC CHIP 0.0047uF 10%	50V
C640	1-162-968-11	CERAMIC CHIP 0.0047uF 10%	50V
C641	1-126-961-11	ELECT 2.2uF 20%	50V
			(EXCEPT AEP, UK, RU)
C641	1-126-962-11	ELECT 3.3uF 20%	50V
			(AEP, UK, RU)
C642	1-164-227-11	CERAMIC CHIP 0.022uF 10%	25V
C643	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V
			(EXCEPT US, CND)
C644	1-126-960-11	ELECT 1uF 20%	50V
C645	1-162-960-11	CERAMIC CHIP 220PF 10%	50V
C646	1-126-960-11	ELECT 1uF 20%	50V
C648	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V
C649	1-162-960-11	CERAMIC CHIP 220PF 10%	50V
C650	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V
C651	1-162-927-11	CERAMIC CHIP 100PF 5%	50V
			(EXCEPT US, CND)
C652	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V
C653	1-162-927-11	CERAMIC CHIP 100PF 5%	50V
			(EXCEPT US, CND)
C654	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V
C655	1-162-960-11	CERAMIC CHIP 220PF 10%	50V
C656	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V
C658	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V
C659	1-162-960-11	CERAMIC CHIP 220PF 10%	50V
C660	1-162-960-11	CERAMIC CHIP 220PF 10%	50V
C661	1-126-964-11	ELECT 10uF 20%	50V
C662	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
C663	1-126-960-11	ELECT 1uF 20%	50V
C664	1-126-960-11	ELECT 1uF 20%	50V
C665	1-126-960-11	ELECT 1uF 20%	50V
C666	1-162-960-11	CERAMIC CHIP 220PF 10%	50V
C667	1-126-933-11	ELECT 100uF 20%	16V
C668	1-100-597-91	CERAMIC CHIP 0.1uF 10%	25V
			(EC55: EXCEPT AEP, UK, RU)

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C669	1-126-923-91	ELECT	220uF 20% 10V	C805	1-117-863-11	CERAMIC CHIP	0.47uF 10% 6.3V
C670	1-162-927-11	CERAMIC CHIP	100PF 5% 50V (EC55: EXCEPT AEP, UK, RU)	C806	1-162-962-11	CERAMIC CHIP	470PF 10% 50V
C671	1-104-658-91	ELECT	100uF 20% 10V	C807	1-125-837-91	CERAMIC CHIP	1uF 10% 6.3V
C673	1-126-925-91	ELECT	470uF 20% 10V	C808	1-162-918-11	CERAMIC CHIP	18PF 5% 50V
C675	1-126-960-11	ELECT	1uF 20% 50V	C809	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C676	1-126-960-11	ELECT	1uF 20% 50V	C810	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C677	1-135-516-11	ELECT	3300uF 20% 63V (EC77: EXCEPT US, CND, AEP, RU)	C811	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C678	1-135-516-11	ELECT	3300uF 20% 63V (EC77: EXCEPT US, CND, AEP, RU)	C814	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V (EXCEPT US, CND)
C679	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V	C814	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (US, CND)
C680	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C815	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V (EXCEPT US, CND)
C681	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C815	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (US, CND)
C682	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C816	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C683	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C817	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C684	1-162-915-11	CERAMIC CHIP	10PF 0.5PF 50V (EC55: EXCEPT AEP, UK, RU)	C819	1-162-962-11	CERAMIC CHIP	470PF 10% 50V
C684	1-162-919-11	CERAMIC CHIP	22PF 5% 50V (EC77: EXCEPT AEP, RU/GX99)	C820	1-162-910-11	CERAMIC CHIP	5PF 0.25PF 50V
C684	1-164-315-11	CERAMIC CHIP	470PF 5% 50V (AEP, UK, RU)	C821	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V
C685	1-162-915-11	CERAMIC CHIP	10PF 0.5PF 50V (EC55: EXCEPT AEP, UK, RU)	C822	1-126-965-91	ELECT	22uF 20% 50V
C685	1-162-919-11	CERAMIC CHIP	22PF 5% 50V (EC77: EXCEPT AEP, RU/GX99)	C823	1-126-923-91	ELECT	220uF 20% 10V
C685	1-164-315-11	CERAMIC CHIP	470PF 5% 50V (AEP, UK, RU)	C824	1-165-908-11	CERAMIC CHIP	1uF 10% 10V
C686	1-162-915-11	CERAMIC CHIP	10PF 0.5PF 50V (EC55: EXCEPT AEP, UK, RU)	C826	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C686	1-162-919-11	CERAMIC CHIP	22PF 5% 50V (EC77: EXCEPT AEP, RU/GX99)	C827	1-165-176-11	CERAMIC CHIP	0.047uF 10% 16V
C687	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (EXCEPT AEP, UK, RU)	C828	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C688	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (EXCEPT AEP, UK, RU)	C829	1-117-863-11	CERAMIC CHIP	0.47uF 10% 6.3V
C689	1-162-962-11	CERAMIC CHIP	470PF 10% 50V	C830	1-162-907-11	CERAMIC CHIP	2PF 0.25PF 50V
C690	1-162-966-11	CERAMIC CHIP	0.0022uF 10% 50V	C831	1-117-863-11	CERAMIC CHIP	0.47uF 10% 6.3V
C691	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V	C832	1-117-863-11	CERAMIC CHIP	0.47uF 10% 6.3V
C692	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	C833	1-126-923-91	ELECT	220uF 20% 10V
C693	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V	C834	1-162-915-11	CERAMIC CHIP	10PF 0.5PF 50V
C694	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V	C835	1-165-176-11	CERAMIC CHIP	0.047uF 10% 16V
C695	1-125-837-91	CERAMIC CHIP	1uF 10% 6.3V	C836	1-164-227-11	CERAMIC CHIP	0.022uF 10% 25V
C696	1-125-837-91	CERAMIC CHIP	1uF 10% 6.3V	C837	1-162-915-11	CERAMIC CHIP	10PF 0.5PF 50V
C698	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (EXCEPT AEP, UK, RU)	C838	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C699	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (AEP, UK, RU)	C840	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V
C700	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (AEP, UK, RU)	C841	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C701	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (EC77/GX99)	C843	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C702	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (EC77/GX99)	C844	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V
C703	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (EC77/GX99)	C845	1-115-467-11	CERAMIC CHIP	0.22uF 10% 10V
C704	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V (EC77/GX99)	C846	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C802	1-126-933-11	ELECT	100uF 20% 16V	C847	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V
C803	1-125-837-91	CERAMIC CHIP	1uF 10% 6.3V	C848	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C804	1-162-918-11	CERAMIC CHIP	18PF 5% 50V	C849	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
				C850	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V
						< FILTER >	
				CF801	1-781-962-21	FILTER, CERAMIC	
						< CONNECTOR >	
				CN601	1-819-131-11	PIN, CONNECTOR 3P	
				* CN602	1-569-496-11	SOCKET, CONNECTOR 10P (EC77/GX99)	
				* CN603	1-569-496-11	SOCKET, CONNECTOR 10P	
				CN604	1-819-136-11	PIN, CONNECTOR 8P	
				CN605	1-568-828-11	CONNECTOR, FFC 9P	
				CN606	1-784-731-11	CONNECTOR, FFC 9P (EXCEPT US, CND)	
				CN607	1-779-295-11	CONNECTOR, FFC (LIF (NON-ZIF)) 27P	

HCD-EC55/EC77/GX99

Ver. 1.2

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
CN608	1-779-289-11	CONNECTOR, FFC (LIF (NON-ZIF)) 21P		L603	1-456-107-11	COIL, AIR-CORE	
* CN801	1-506-680-11	PLUG, CONNECTOR (2.5MM) 3P (ANTENNA)		L604	1-456-107-11	COIL, AIR-CORE	
		< DIODE >		L801	1-456-596-11	COIL, MW OSC	
D601	6-500-335-01	DIODE MC2838-T112-1		L802	1-457-168-11	COIL, DET	
D602	6-500-335-01	DIODE MC2838-T112-1		L803	1-457-162-11	COIL, AIR-CORE	
D603	8-719-404-50	DIODE MA111-TX (EC77/GX99)		L804	1-457-163-11	COIL, AIR-CORE	
D604	8-719-404-50	DIODE MA111-TX		L805	1-457-161-11	COIL, AM ANTENNA	
D605	8-719-404-50	DIODE MA111-TX				< TRANSISTOR >	
D606	8-719-000-07	DIODE MC2836		Q601	8-729-037-03	TRANSISTOR KTA1266GR-AT	
D607	6-501-046-01	DIODE 1N5402-F46		Q602	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D608	6-501-046-01	DIODE 1N5402-F46		Q603	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D609	6-501-046-01	DIODE 1N5402-F46		Q604	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D610	6-501-046-01	DIODE 1N5402-F46		Q605	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D611	8-719-063-79	DIODE 1N4002B		Q606	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D612	8-719-063-79	DIODE 1N4002B		Q608	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D614	8-719-404-50	DIODE MA111-TX		Q616	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D615	8-719-063-79	DIODE 1N4002B				(EXCEPT US, CND)	
D616	8-719-404-50	DIODE MA111-TX		Q617	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
						(EXCEPT US, CND)	
D617	6-500-335-01	DIODE MC2838-T112-1		Q618	8-729-600-22	TRANSISTOR 2SA1235-F	
D618	6-501-719-01	DIODE MAZ8039GHLSO		Q619	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D619	8-719-063-79	DIODE 1N4002B		Q622	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D620	8-719-063-79	DIODE 1N4002B		Q624	8-729-036-86	TRANSISTOR KTC3203Y-AT	
D621	6-501-722-01	DIODE MAZ8043GMLSO		Q801	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D622	6-501-752-01	DIODE MAZ8082GMLSO		Q802	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
D623	8-719-062-51	DIODE 1PS226-115		Q803	6-550-304-01	TRANSISTOR 2SC5477-T122-1	
D801	6-501-142-01	DIODE SVC347A-TL-E				< RESISTOR >	
D802	8-719-062-51	DIODE 1PS226-115		R601	1-216-817-11	METAL CHIP 470 5% 1/10W	
D803	6-501-369-01	DIODE SVC230-TB-E		R603	1-216-793-11	METAL CHIP 4.7 5% 1/10W	
D804	6-501-369-01	DIODE SVC230-TB-E				(EC77: US, CND/GX99)	
D805	8-719-062-51	DIODE 1PS226-115		R603	1-216-794-11	METAL CHIP 5.6 5% 1/10W	
D806	8-719-062-51	DIODE 1PS226-115				(EC55/EC77: EXCEPT US, CND)	
		< FERRITE BEAD >		R604	1-216-845-11	METAL CHIP 100K 5% 1/10W	
FB601	1-412-473-21	INDUCTOR (SMALL TYPE)		R605	1-216-799-11	METAL CHIP 15 5% 1/10W	
		< FILTER >				(EC77: US, CND/GX99)	
FL801	1-130-483-00	CAP, PE TEREPHTHALATE 0.01MF		R606	1-216-797-11	METAL CHIP 10 5% 1/10W	
FL802	1-760-393-11	FILTER, CERAMIC				(EC77/GX99)	
FL803	1-236-711-21	FILTER, BAND PASS		R607	1-216-797-11	METAL CHIP 10 5% 1/10W	
		< IC >				(EC77/GX99)	
IC602	6-710-289-01	IC R2S15904SP		R608	1-216-797-11	METAL CHIP 10 5% 1/10W	
IC801	6-708-840-01	IC LV23003VA				(EC77/GX99)	
		< JACK >		R609	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
J601	1-815-025-11	JACK, PIN 1P (SUBWOOFER) (GX99)		R610	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
		< JUMPER RESISTOR >		R611	1-216-797-11	METAL CHIP 10 5% 1/10W	
JR601	1-216-864-11	SHORT CHIP 0		R612	1-216-797-11	METAL CHIP 10 5% 1/10W	
JR602	1-216-864-11	SHORT CHIP 0		R613	1-216-833-11	METAL CHIP 10K 5% 1/10W	
JR603	1-216-296-11	SHORT CHIP 0		R614	1-216-833-11	METAL CHIP 10K 5% 1/10W	
JR604	1-216-864-11	SHORT CHIP 0		R615	1-216-797-11	METAL CHIP 10 5% 1/10W	
		< COIL >		R616	1-216-828-11	METAL CHIP 3.9K 5% 1/10W	
L601	1-456-107-11	COIL, AIR-CORE (EC77/GX99)				(EC55)	
L602	1-456-107-11	COIL, AIR-CORE (EC77/GX99)		R616	1-216-832-11	METAL CHIP 8.2K 5% 1/10W	
						(EC77: AEP, RU)	
				R616	1-216-833-11	METAL CHIP 10K 5% 1/10W	
						(EC77: E2, E3, E51, MX)	
				R616	1-216-835-11	METAL CHIP 15K 5% 1/10W	
						(EC77: US, CND/GX99)	
				R617	1-216-833-11	METAL CHIP 10K 5% 1/10W	

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R618	1-216-833-11	METAL CHIP	10K	5%	1/10W	R677	1-216-833-11	METAL CHIP	10K	5%	1/10W
R619	1-216-828-11	METAL CHIP	3.9K	5%	1/10W (EC55)	R678	1-216-841-11	METAL CHIP	47K	5%	1/10W
R619	1-216-832-11	METAL CHIP	8.2K	5%	1/10W (EC77: AEP, RU)	R679	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (EXCEPT US, CND)
R619	1-216-833-11	METAL CHIP	10K	5%	1/10W (EC77: E2, E3, E51, MX)	R680	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (EXCEPT US, CND)
R619	1-216-835-11	METAL CHIP	15K	5%	1/10W (EC77: US, CND/GX99)	R681	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R620	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R682	1-216-833-11	METAL CHIP	10K	5%	1/10W (EXCEPT US, CND)
R621	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R683	1-216-826-11	METAL CHIP	2.7K	5%	1/10W (EXCEPT US, CND)
R622	1-216-839-11	METAL CHIP	33K	5%	1/10W	R684	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R623	1-216-833-11	METAL CHIP	10K	5%	1/10W	R685	1-216-841-11	METAL CHIP	47K	5%	1/10W
R624	1-216-833-11	METAL CHIP	10K	5%	1/10W	R686	1-216-842-11	METAL CHIP	56K	5%	1/10W
R625	1-216-839-11	METAL CHIP	33K	5%	1/10W	R687	1-216-849-11	METAL CHIP	220K	5%	1/10W
R626	1-216-833-11	METAL CHIP	10K	5%	1/10W	R688	1-216-833-11	METAL CHIP	10K	5%	1/10W
R627	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R689	1-216-838-11	METAL CHIP	27K	5%	1/10W
R629	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R690	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R630	1-216-841-11	METAL CHIP	47K	5%	1/10W	R691	1-216-833-11	METAL CHIP	10K	5%	1/10W
R631	1-216-797-11	METAL CHIP	10	5%	1/10W (EC77/GX99)	R692	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (EXCEPT US, CND AEP, UK, RU)
R632	1-216-845-11	METAL CHIP	100K	5%	1/10W (EC77/GX99)	R692	1-216-833-11	METAL CHIP	10K	5%	1/10W (US, CND AEP, UK, RU)
R633	1-216-845-11	METAL CHIP	100K	5%	1/10W (EC77/GX99)	R693	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R634	1-249-401-11	CARBON	47	5%	1/4W (EC77/GX99)	R694	1-216-833-11	METAL CHIP	10K	5%	1/10W (EXCEPT US, CND)
R635	1-249-401-11	CARBON	47	5%	1/4W (EC77/GX99)	R695	1-216-826-11	METAL CHIP	2.7K	5%	1/10W (EXCEPT US, CND)
R636	1-249-401-11	CARBON	47	5%	1/4W (EC77/GX99)	R696	1-216-833-11	METAL CHIP	10K	5%	1/10W
R638	1-249-401-11	CARBON	47	5%	1/4W	R697	1-216-821-11	METAL CHIP	1K	5%	1/10W
R639	1-216-845-11	METAL CHIP	100K	5%	1/10W	R700	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R640	1-216-845-11	METAL CHIP	100K	5%	1/10W	R701	1-216-864-11	SHORT CHIP	0 (US, CND)		
R641	1-249-401-11	CARBON	47	5%	1/4W	R702	1-216-864-11	SHORT CHIP	0 (US, CND)		
R642	1-249-401-11	CARBON	47	5%	1/4W	R704	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R643	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R706	1-216-813-11	METAL CHIP	220	5%	1/10W
R644	1-216-821-11	METAL CHIP	1K	5%	1/10W	R707	1-216-813-11	METAL CHIP	220	5%	1/10W
R645	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (EC77: MX)	R708	1-216-833-11	METAL CHIP	10K	5%	1/10W
R645	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (EC55/EC77: EXCEPT MX/GX99)	R709	1-216-821-11	METAL CHIP	1K	5%	1/10W
R646	1-216-809-11	METAL CHIP	100	5%	1/10W	R710	1-216-839-11	METAL CHIP	33K	5%	1/10W (GX99)
R647	1-216-797-11	METAL CHIP	10	5%	1/10W	R711	1-216-839-11	METAL CHIP	33K	5%	1/10W (GX99)
R648	1-216-841-11	METAL CHIP	47K	5%	1/10W	R712	1-216-820-11	METAL CHIP	820	5%	1/10W (GX99)
R649	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R715	1-216-809-11	METAL CHIP	100	5%	1/10W
R650	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R716	1-216-821-11	METAL CHIP	1K	5%	1/10W
R651	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R717	1-249-403-11	CARBON	68	5%	1/4W
R652	1-216-809-11	METAL CHIP	100	5%	1/10W	R718	1-249-403-11	CARBON	68	5%	1/4W
R655	1-216-864-11	SHORT CHIP	0			R719	1-249-403-11	CARBON	68	5%	1/4W
R658	1-260-087-11	CARBON	100	5%	1/2W	R720	1-216-837-11	METAL CHIP	22K	5%	1/10W
R660	1-260-087-11	CARBON	100	5%	1/2W	R722	1-216-809-11	METAL CHIP	100	5%	1/10W
R661	1-260-087-11	CARBON	100	5%	1/2W	R724	1-249-395-11	CARBON	15	5%	1/4W (EC77: US, CND/GX99)
R662	1-260-087-11	CARBON	100	5%	1/2W	R724	1-247-791-91	CARBON	22	5%	1/4W (EC55/EC77: EXCEPT US, CND)
R663	1-260-087-11	CARBON	100	5%	1/2W	R725	1-249-395-11	CARBON	15	5%	1/4W (EC77: US, CND/GX99)
R664	1-260-087-11	CARBON	100	5%	1/2W	R725	1-247-791-91	CARBON	22	5%	1/4W (EC55/EC77: EXCEPT US, CND)
R666	1-216-821-11	METAL CHIP	1K	5%	1/10W	R726	1-249-395-11	CARBON	15	5%	1/4W (EC77: US, CND/GX99)
R667	1-216-841-11	METAL CHIP	47K	5%	1/10W	R726	1-247-791-91	CARBON	22	5%	1/4W (EC55/EC77: EXCEPT US, CND)
R668	1-260-087-11	CARBON	100	5%	1/2W						
R671	1-260-087-11	CARBON	100	5%	1/2W						
R674	1-249-401-11	CARBON	47	5%	1/4W						
R675	1-249-401-11	CARBON	47	5%	1/4W						
R676	1-216-833-11	METAL CHIP	10K	5%	1/10W						

HCD-EC55/EC77/GX99

MAIN

PANEL

Ref. No.	Part No.	Description	Remark		
R727	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R728	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R729	1-216-845-11	METAL CHIP	100K	5%	1/10W
R731	1-216-809-11	METAL CHIP	100	5%	1/10W (AEP, UK, RU)
R731	1-216-864-11	SHORT CHIP	0 (EXCEPT	AEP, UK, RU)	
R732	1-216-809-11	METAL CHIP	100	5%	1/10W (AEP, UK, RU)
R732	1-216-864-11	SHORT CHIP	0 (EXCEPT	AEP, UK, RU)	
R801	1-216-809-11	METAL CHIP	100	5%	1/10W
R802	1-216-801-11	METAL CHIP	22	5%	1/10W
R803	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R804	1-216-801-11	METAL CHIP	22	5%	1/10W
R805	1-216-853-11	METAL CHIP	470K	5%	1/10W
R806	1-216-841-11	METAL CHIP	47K	5%	1/10W
R807	1-216-837-11	METAL CHIP	22K	5%	1/10W
R808	1-216-801-11	METAL CHIP	22	5%	1/10W
R809	1-216-809-11	METAL CHIP	100	5%	1/10W
R810	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R811	1-216-845-11	METAL CHIP	100K	5%	1/10W
R812	1-216-841-11	METAL CHIP	47K	5%	1/10W
R813	1-216-853-11	METAL CHIP	470K	5%	1/10W
R814	1-216-837-11	METAL CHIP	22K	5%	1/10W
R815	1-216-833-11	METAL CHIP	10K	5%	1/10W
R816	1-216-821-11	METAL CHIP	1K	5%	1/10W
R817	1-216-841-11	METAL CHIP	47K	5%	1/10W
R818	1-216-833-11	METAL CHIP	10K	5%	1/10W
R819	1-216-839-11	METAL CHIP	33K	5%	1/10W
R820	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R821	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R822	1-216-809-11	METAL CHIP	100	5%	1/10W
R823	1-216-833-11	METAL CHIP	10K	5%	1/10W
R824	1-216-817-11	METAL CHIP	470	5%	1/10W
R825	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R826	1-216-821-11	METAL CHIP	1K	5%	1/10W
R827	1-216-845-11	METAL CHIP	100K	5%	1/10W
R829	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R830	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R831	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R832	1-216-857-11	METAL CHIP	1M	5%	1/10W
R836	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R837	1-216-845-11	METAL CHIP	100K	5%	1/10W
R838	1-216-837-11	METAL CHIP	22K	5%	1/10W
R839	1-216-797-11	METAL CHIP	10	5%	1/10W
R840	1-216-864-11	SHORT CHIP	0		
R841	1-216-833-11	METAL CHIP	10K	5%	1/10W
R842	1-216-864-11	SHORT CHIP	0		
R843	1-216-845-11	METAL CHIP	100K	5%	1/10W
R844	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R846	1-216-797-11	METAL CHIP	10	5%	1/10W
R847	1-216-864-11	SHORT CHIP	0		
R848	1-216-809-11	METAL CHIP	100	5%	1/10W
R849	1-216-813-11	METAL CHIP	220	5%	1/10W
R850	1-216-809-11	METAL CHIP	100	5%	1/10W
R851	1-216-801-11	METAL CHIP	22	5%	1/10W
R852	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R853	1-216-819-11	METAL CHIP	680	5%	1/10W

Ref. No.	Part No.	Description	Remark		
		< RELAY >			
RY601	1-755-307-11	RELAY (EC77/GX99)			
RY602	1-755-307-11	RELAY			
		< TRANSFORMER >			
T801	1-433-741-11	TRANSFORMER, IF			
		< TERMINAL >			
TB601	1-780-381-11	TERMINAL BOARD, PUSH (ANTENNA) 4P (SPEAKER HIGH FREQ.)(EC77/GX99)			
TB602	1-536-708-81	TERMINAL BOARD, PUSH (4P) (SPEAKER LOW FREQ.)			
		< VIBRATOR >			
X801	1-813-917-11	VIBRATOR, CRYSTAL (75kHz)			

	A-1218-504-A	PANEL BOARD, COMPLETE (GX99)			
	A-1218-536-A	PANEL BOARD, COMPLETE (EC77: US, CND)			
	A-1218-562-A	PANEL BOARD, COMPLETE (EC77: AEP)			
	A-1218-590-A	PANEL BOARD, COMPLETE (EC77: RU)			
	A-1218-598-A	PANEL BOARD, COMPLETE (EC77: E3)			
	A-1218-635-A	PANEL BOARD, COMPLETE (EC77: E2)			
	A-1218-642-A	PANEL BOARD, COMPLETE (EC77: E51)			
	A-1218-654-A	PANEL BOARD, COMPLETE (EC77: MX)			
	A-1218-690-A	PANEL BOARD, COMPLETE (EC55: US)			
	A-1218-723-A	PANEL BOARD, COMPLETE (EC55: AEP, UK)			
	A-1218-754-A	PANEL BOARD, COMPLETE (EC55: RU)			
	A-1218-812-A	PANEL BOARD, COMPLETE (EC55: E2)			
	A-1218-819-A	PANEL BOARD, COMPLETE (EC55: E51)			
	A-1218-831-A	PANEL BOARD, COMPLETE (EC55: MX)			

	2-649-117-01	HOLDER (LCD)			
	2-649-178-01	PLATE, LIGHT GUIDE			
	2-649-179-01	SHEET (LCD)			
	2-665-175-01	SHEET (REFLECTOR)			
		< CAPACITOR >			
C301	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C302	1-126-964-11	ELECT	10uF	20%	50V
C303	1-126-964-11	ELECT	10uF	20%	50V
C304	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C305	1-126-964-11	ELECT	10uF	20%	50V
C306	1-104-655-91	ELECT	470uF	20%	6.3V
C307	1-104-655-91	ELECT	470uF	20%	6.3V
C308	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C309	1-126-965-91	ELECT	22uF	20%	50V
C310	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C311	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C312	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C313	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C317	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C319	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C320	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C321	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C330	1-164-156-11	CERAMIC CHIP	0.1uF		25V

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C332	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	Q306	1-801-806-11	TRANSISTOR DTC144EKA	
C340	1-165-176-11	CERAMIC CHIP 0.047uF 10%	16V	Q307	8-729-600-22	TRANSISTOR 2SA1235-F	
C341	1-164-156-11	CERAMIC CHIP 0.1uF	25V	Q308	1-801-806-11	TRANSISTOR DTC144EKA	
C342	1-164-156-11	CERAMIC CHIP 0.1uF	25V	Q309	8-729-040-76	TRANSISTOR KTA1273-Y-AT	
C343	1-126-965-91	ELECT 22uF 20%	50V	Q310	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
< CONNECTOR >				Q311	8-729-024-43	TRANSISTOR 2SA1365-T112-1EF	
CN301	1-779-564-21	CONNECTOR, FFC (LIF (NON-ZIF)) 27P		Q312	8-729-024-43	TRANSISTOR 2SA1365-T112-1EF	
CN302	1-784-735-11	CONNECTOR, FFC 13P		Q313	8-729-024-43	TRANSISTOR 2SA1365-T112-1EF	
< DIODE >				Q314	8-729-024-43	TRANSISTOR 2SA1365-T112-1EF	
D301	6-501-722-01	DIODE MAZ8043GMLS0		Q315	8-729-047-62	TRANSISTOR 2SC3440-T12-1F	
D302	8-719-404-50	DIODE MA111-TX		Q316	8-729-047-62	TRANSISTOR 2SC3440-T12-1F	
D303	8-719-000-07	DIODE MC2836		Q317	8-729-047-62	TRANSISTOR 2SC3440-T12-1F	
D304	8-719-404-50	DIODE MA111-TX		Q318	8-729-047-62	TRANSISTOR 2SC3440-T12-1F	
D305	8-719-404-50	DIODE MA111-TX		< RESISTOR >			
< IC >				R301	1-216-809-11	METAL CHIP 100 5% 1/10W	
IC301	6-807-577-01	IC MB90803PF-G-130E1		R302	1-216-809-11	METAL CHIP 100 5% 1/10W	
IC302	6-600-349-31	IC NJL24H400A		R303	1-216-809-11	METAL CHIP 100 5% 1/10W	
< JUMPER RESISTOR >				R304	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR301	1-216-864-11	SHORT CHIP 0		R305	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR302	1-216-296-11	SHORT CHIP 0		R306	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR303	1-216-296-11	SHORT CHIP 0		R307	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR304	1-216-296-11	SHORT CHIP 0		R308	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR305	1-216-296-11	SHORT CHIP 0		R309	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR306	1-216-864-11	SHORT CHIP 0		R310	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR307	1-216-296-11	SHORT CHIP 0		R311	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR308	1-216-296-11	SHORT CHIP 0		R312	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR309	1-216-296-11	SHORT CHIP 0		R313	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR310	1-216-864-11	SHORT CHIP 0		R314	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR311	1-216-864-11	SHORT CHIP 0		R315	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR312	1-216-296-11	SHORT CHIP 0		R316	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR313	1-216-864-11	SHORT CHIP 0		R317	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR314	1-216-296-11	SHORT CHIP 0		R318	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR315	1-216-296-11	SHORT CHIP 0		R319	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR316	1-216-296-11	SHORT CHIP 0		R320	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR317	1-216-296-11	SHORT CHIP 0		R321	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR318	1-216-296-11	SHORT CHIP 0		R322	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR319	1-216-864-11	SHORT CHIP 0		R323	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR320	1-216-296-11	SHORT CHIP 0		R324	1-216-809-11	METAL CHIP 100 5% 1/10W	
JR321	1-216-296-11	SHORT CHIP 0		R325	1-216-797-11	METAL CHIP 10 5% 1/10W	
< LIQUID CRYSTAL DISPLAY >				R326	1-216-809-11	METAL CHIP 100 5% 1/10W	
LCD301	1-805-973-11	DISPLAY PANEL, LIQUID CRYSTAL		R327	1-216-809-11	METAL CHIP 100 5% 1/10W	
< LED >				R328	1-216-833-11	METAL CHIP 10K 5% 1/10W	
LED301	6-501-479-01	DIODE 1L0341Y23E0CA602 (BACK LIGHT)		R329	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
< TRANSISTOR >				R330	1-216-819-11	METAL CHIP 680 5% 1/10W	
Q301	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R331	1-216-845-11	METAL CHIP 100K 5% 1/10W	
Q302	8-729-037-13	TRANSISTOR KTA1271Y		R332	1-216-833-11	METAL CHIP 10K 5% 1/10W	
Q303	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R333	1-216-845-11	METAL CHIP 100K 5% 1/10W	
Q304	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R334	1-216-833-11	METAL CHIP 10K 5% 1/10W	
Q305	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R335	1-216-833-11	METAL CHIP 10K 5% 1/10W	
< TRANSISTOR >				R336	1-216-833-11	METAL CHIP 10K 5% 1/10W	
< TRANSISTOR >				R337	1-216-864-11	SHORT CHIP 0	
< TRANSISTOR >				R338	1-216-789-11	METAL CHIP 2.2 5% 1/10W	
< TRANSISTOR >				R339	1-216-789-11	METAL CHIP 2.2 5% 1/10W	
< TRANSISTOR >				R340	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
< TRANSISTOR >				R341	1-216-839-11	METAL CHIP 33K 5% 1/10W	
< TRANSISTOR >				R342	1-216-849-11	METAL CHIP 220K 5% 1/10W	
< TRANSISTOR >				R343	1-216-853-11	METAL CHIP 470K 5% 1/10W	

HCD-EC55/EC77/GX99

Ver. 1.2

PANEL	PT
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Ref. No.	Part No.	Description	Remark
R344	1-216-826-11	METAL CHIP	2.7K 5% 1/10W
R345	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R346	1-216-841-11	METAL CHIP	47K 5% 1/10W
R347	1-216-817-11	METAL CHIP	470 5% 1/10W
R348	1-216-841-11	METAL CHIP	47K 5% 1/10W
R349	1-216-817-11	METAL CHIP	470 5% 1/10W
R350	1-216-841-11	METAL CHIP	47K 5% 1/10W
R351	1-216-817-11	METAL CHIP	470 5% 1/10W
R352	1-216-841-11	METAL CHIP	47K 5% 1/10W
R353	1-216-817-11	METAL CHIP	470 5% 1/10W
R354	1-216-841-11	METAL CHIP	47K 5% 1/10W
R355	1-216-817-11	METAL CHIP	470 5% 1/10W
R356	1-216-817-11	METAL CHIP	470 5% 1/10W
R357	1-216-841-11	METAL CHIP	47K 5% 1/10W
R358	1-216-841-11	METAL CHIP	47K 5% 1/10W
R359	1-216-817-11	METAL CHIP	470 5% 1/10W
R360	1-216-817-11	METAL CHIP	470 5% 1/10W
R361	1-216-841-11	METAL CHIP	47K 5% 1/10W
R362	1-216-837-11	METAL CHIP	22K 5% 1/10W
R363	1-216-837-11	METAL CHIP	22K 5% 1/10W
R364	1-216-837-11	METAL CHIP	22K 5% 1/10W
R365	1-216-837-11	METAL CHIP	22K 5% 1/10W
R366	1-216-837-11	METAL CHIP	22K 5% 1/10W
R367	1-216-837-11	METAL CHIP	22K 5% 1/10W
R368	1-216-837-11	METAL CHIP	22K 5% 1/10W
R369	1-216-821-11	METAL CHIP	1K 5% 1/10W
R370	1-216-821-11	METAL CHIP	1K 5% 1/10W
R371	1-216-821-11	METAL CHIP	1K 5% 1/10W
R372	1-216-821-11	METAL CHIP	1K 5% 1/10W
R373	1-216-821-11	METAL CHIP	1K 5% 1/10W
R374	1-216-821-11	METAL CHIP	1K 5% 1/10W
R375	1-216-821-11	METAL CHIP	1K 5% 1/10W
R376	1-216-837-11	METAL CHIP	22K 5% 1/10W
R377	1-216-837-11	METAL CHIP	22K 5% 1/10W
R378	1-216-841-11	METAL CHIP	47K 5% 1/10W
R379	1-216-845-11	METAL CHIP	100K 5% 1/10W
R380	1-216-817-11	METAL CHIP	470 5% 1/10W
R381	1-216-833-11	METAL CHIP	10K 5% 1/10W
R382	1-216-833-11	METAL CHIP	10K 5% 1/10W
R383	1-216-833-11	METAL CHIP	10K 5% 1/10W
R384	1-216-833-11	METAL CHIP	10K 5% 1/10W
R385	1-216-821-11	METAL CHIP	1K 5% 1/10W
R386	1-216-821-11	METAL CHIP	1K 5% 1/10W
R387	1-216-821-11	METAL CHIP	1K 5% 1/10W
R388	1-216-864-11	SHORT CHIP	0 (US, CND)
R389	1-216-829-11	METAL CHIP	4.7K 5% 1/10W (EC77: EXCEPT US, CND)
R389	1-216-833-11	METAL CHIP	10K 5% 1/10W (EC77: US, CND/GX99)
R389	1-216-837-11	METAL CHIP	22K 5% 1/10W (EC55: EXCEPT US)
R390	1-216-821-11	METAL CHIP	1K 5% 1/10W (EC55: US/EC77: US, CND)
R390	1-216-827-11	METAL CHIP	3.3K 5% 1/10W (GX99)
R390	1-216-841-11	METAL CHIP	47K 5% 1/10W (EC77: EXCEPT US, CND)
R390	1-216-845-11	METAL CHIP	100K 5% 1/10W (EC55: EXCEPT US)

Ref. No.	Part No.	Description	Remark
R392	1-216-833-11	METAL CHIP	10K 5% 1/10W (EXCEPT AEP, UK)
R393	1-216-821-11	METAL CHIP	1K 5% 1/10W (AEP, UK, RU)
R393	1-216-825-11	METAL CHIP	2.2K 5% 1/10W (MX)
R393	1-216-833-11	METAL CHIP	10K 5% 1/10W (E3)
R393	1-216-840-11	METAL CHIP	39K 5% 1/10W (E2)
R393	1-216-845-11	METAL CHIP	100K 5% 1/10W (E51)
R396	1-216-864-11	SHORT CHIP	0
R397	1-216-817-11	METAL CHIP	470 5% 1/10W
R399	1-216-833-11	METAL CHIP	10K 5% 1/10W
R400	1-216-864-11	SHORT CHIP	0
R401	1-216-864-11	SHORT CHIP	0
R402	1-216-845-11	METAL CHIP	100K 5% 1/10W
R405	1-216-821-11	METAL CHIP	1K 5% 1/10W
R406	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R412	1-216-821-11	METAL CHIP	1K 5% 1/10W
R413	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R419	1-216-837-11	METAL CHIP	22K 5% 1/10W
R420	1-216-845-11	METAL CHIP	100K 5% 1/10W
R421	1-216-833-11	METAL CHIP	10K 5% 1/10W
< SWITCH >			
S301	1-786-417-11	ENCODER, ROTARY (VOLUME)	
< SWITCH >			
SW303	1-762-875-21	SWITCH, KEYBOARD (FUNCTION)	
SW304	1-762-875-21	SWITCH, KEYBOARD (CD ►►)	
SW305	1-762-875-21	SWITCH, KEYBOARD (TUNER/BAND)	
SW311	1-762-875-21	SWITCH, KEYBOARD (■)	
SW312	1-762-875-21	SWITCH, KEYBOARD (TUNING – ◀◀◀◀◀◀)	
SW313	1-762-875-21	SWITCH, KEYBOARD (TUNING + ►►►►►)	
< VIBRATOR >			
X301	1-760-252-12	VIBRATOR, CRYSTAL (32.768kHz)	
X302	1-795-058-21	VIBRATOR, CERAMIC (5MHz)	

PT BOARD (EXCEPT EC55: US, CND)			

< CAPACITOR >			
C051	1-165-621-91	CERAMIC CHIP	0.1uF 50V
< CONNECTOR >			
CN051	1-819-972-11	HOLDER, CABLE 8P	
< DIODE >			
D051	6-500-334-01	DIODE	MC2836-T112-1
D052	6-500-335-01	DIODE	MC2838-T112-1
D055	6-500-335-01	DIODE	MC2838-T112-1

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		< TRANSFORMER >		△ 108	1-775-790-81	CORD, POWER (AUS)	
△ PT001	1-443-846-11	TRANSFORMER, POWER		△ 108	1-790-757-52	CORD, POWER (US, CND)	
		(EC77: US, CND/GX99)		△ 108	1-831-370-11	CORD, POWER (AEP, RU, E2, E3, E51)	
△ PT001	1-443-912-11	TRANSFORMER, POWER (AEP, UK, RU)		△ 108	1-832-377-11	CORD, POWER (MX)	
△ PT001	1-445-105-11	TRANSFORMER, POWER (E2, E3, E51, MX)		△ 108	1-834-172-11	CORD, POWER (AR)	
		< RELAY >		151	1-832-838-21	CABLE, FLEXIBLE FLAT (13 CORE)	
				153	1-834-181-21	CABLE, FLEXIBLE FLAT (21 CORE)	
				157	1-500-868-11	CORE, FERRITE	
△ RY001	1-755-334-11	RELAY, AC POWER		△ 158	1-769-079-51	CORD, POWER (KR)	
		(EC55: AEP, UK, RU/EC77: US, CND, AEP, RU/GX99)		△ 158	1-775-790-81	CORD, POWER (AUS)	
△ RY002	1-755-496-11	RELAY (E2, E3, E51, MX)		△ 158	1-790-757-52	CORD, POWER (US, CND)	
		< SWITCH >		△ 158	1-830-891-11	CORD, POWER (UK)	
				△ 158	1-831-370-11	CORD, POWER (AEP, RU, E2, E51, SP)	
△ S001	1-786-408-11	SELECTOR, VOLTAGE (SWS-2301)		△ 158	1-832-377-11	CORD, POWER (MX)	
		(VOLTAGE SELECTOR)(E2, E3, E51)		△ 158	1-834-172-11	CORD, POWER (AR)	
*****				208	1-797-575-11	DECK, MECHANICAL (EXCEPT US,CND)	
		PT (U) BOARD (EC55: US, CND)		214	1-833-801-21	CABLE, FLEXIBLE FLAT (9 CORE)	
		*****				(EXCEPT US,CND)	
		< CAPACITOR >		△ 505	A-4735-357-A	BASE ASSY, OP (KSM-213)	
				506	1-832-404-21	CABLE, FLEXIBLE FLAT (16 CORE)	
C051	1-165-621-91	CERAMIC CHIP 0.1uF	50V	507	1-797-193-12	MECHANICAL, CD (DLM3A23-11)	
		< CONNECTOR >		△ TP002	1-445-113-11	TRANSFORMER, POWER	
						(EC77: US, CND/GX99)	
CN051	1-819-972-11	HOLDER, CABLE 8P		△ TP002	1-445-118-11	TRANSFORMER, POWER (EC77: AEP, RU)	
		< DIODE >		△ TP002	1-445-119-11	TRANSFORMER, POWER	
						(EC77: E2, E3, E51, AR, AUS)	
D051	6-500-334-01	DIODE MC2836-T112-1		△ TP002	1-445-120-11	TRANSFORMER, POWER (EC77: MX)	
D052	6-500-335-01	DIODE MC2838-T112-1		△ TP003	1-443-911-11	TRANSFORMER, POWER	
D055	6-500-335-01	DIODE MC2838-T112-1				(EC55: E2, E51, KR, AR, SP, AUS)	
		< TRANSFORMER >		△ TP003	1-443-995-11	TRANSFORMER, POWER (EC55: MX)	
				△ TP003	1-445-115-11	TRANSFORMER, POWER (EC55: US, CND)	
△ PT001	1-443-846-11	TRANSFORMER, POWER		△ TP003	1-445-117-11	TRANSFORMER, POWER (EC55: AEP, UK, RU)	
		< RELAY >		S201	1-771-853-11	SWITCH, DETECTION (LIMIT)	
△ RY001	1-755-334-11	RELAY, AC POWER					

		REG BOARD					

		< CAPACITOR >					
C629	1-100-566-91	CERAMIC CHIP 0.1uF	10% 25V				
		< IC >					
IC601	8-759-701-59	IC NJM78M09FA					

		MISCELLANEOUS					

6	1-787-319-12	FAN, DC					
		(EC55/EC77: AEP, RU, E2, E3, E51, MX, AR, AUS)					
6	1-787-344-11	FAN, DC (EC77: US, CND/GX99)					
59	1-833-800-21	CABLE, FLEXIBLE FLAT (27 CORE)					
64	1-832-053-21	CABLE, FLEXIBLE FLAT (9 CORE)					
101	1-832-838-21	CABLE, FLEXIBLE FLAT (13 CORE)					
103	1-834-181-21	CABLE, FLEXIBLE FLAT (21 CORE)					
107	1-500-868-11	CORE, FERRITE					

MEMO

REVISION HISTORY

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