

HBD-TZ210/TZ230/TZ510/TZ630/TZ
SECTION 6
EXPLODED VIEWS

Note:

- 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.
- Accessories are given in the last of the electrical parts list.
- Abbreviation
 - AR : Argentina model
 - AUS : Australian model
 - CH : Chinese model
 - CND : Canadian model
 - E3 : 240V AC area in E model
 - E12 : 220 – 240V AC area in E model
 - E32 : 110 – 240V AC area in E model
 - EA : Saudi Arabia model
 - HK : Hong Kong model
 - MX : Mexican 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.

原理图和零件清单中标有 Δ 记号的零部件，或带有 Δ 记号的虚线所圈示的零部件，对于维系安全至关重要。因此只能以指定号码的零部件来更换。

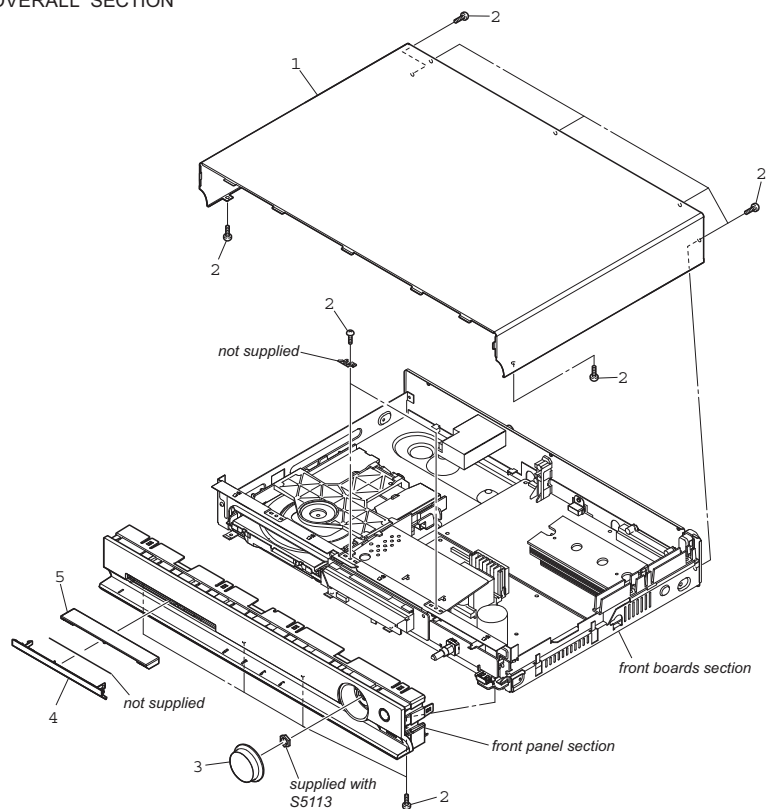
PH : Philippines model
RU : Russian model
SAF : South African model
SP : Singapore model
TH : Thai model
TW : Taiwan model

The components identified by mark Δ contain confidential information.
Strictly follow the instructions whenever components are repaired and/or replaced.

Les composants identifiés par la marque Δ contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé / ou réparé.

标识有 Δ 的元件包含机密信息。
更换或维修元件时请严格遵守指示。

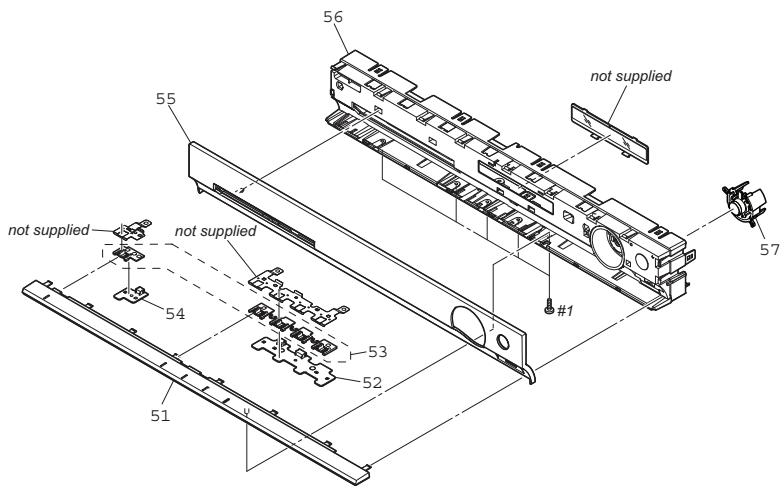
6-1. OVERALL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description
1	4-161-839-11	CASE (KZ)		4	4-159-492-01	PANEL, LOADING
2	3-077-331-21	+BV3 (3-CR)		5	4-159-493-02	BASE, LOADING
3	4-161-832-01	KNOB, VOL (KZ)				

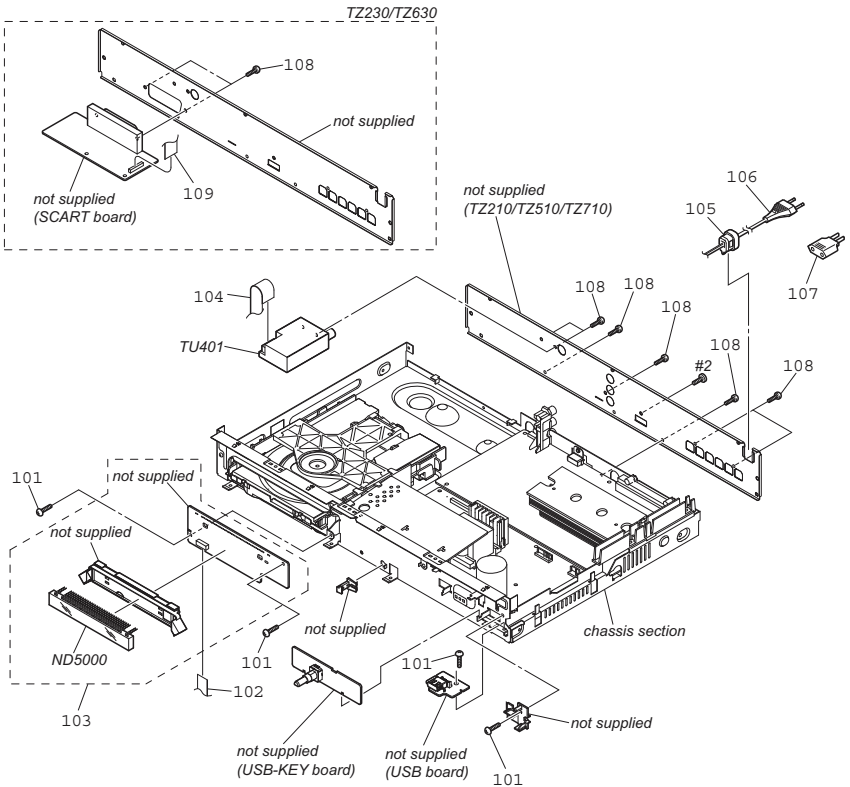
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6-2. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	4-161-829-01	ESCUTCHEON (KZ) (TZ210:EXCEPT CND)		52	A-1746-218-A	KEY-SW BOARD, COMPLETE	
51	4-161-829-11	ESCUTCHEON (KZ) (TZ510:EXCEPT CND)		53	4-159-495-02	BUTTON (PLAY)	
51	4-161-829-21	ESCUTCHEON (KZ) (TZ630)		54	A-1746-219-A	P-SW BOARD, COMPLETE	
51	4-161-829-31	ESCUTCHEON (KZ) (TZ710)		55	4-161-827-01	WINDOW (KZ)	
51	4-161-829-41	ESCUTCHEON (KZ) (TZ230:AEP)		56	4-161-828-01	BASE, FRONT (KZ) (EXCEPT CND)	
51	4-161-829-51	ESCUTCHEON (KZ) (TZ230:UK)		56	4-161-828-12	BASE, FRONT (KZ) (CND)	
51	4-161-829-71	ESCUTCHEON (KZ) (TZ210:CND)		57	4-161-830-01	BUTTON (USB-KZ)	
51	4-161-829-81	ESCUTCHEON (KZ) (TZ510:CND)		#1	7-685-504-19	SCREW +BTP 2X6 TYPE2 N-S	

6-3. FRONT BOARDS SECTION



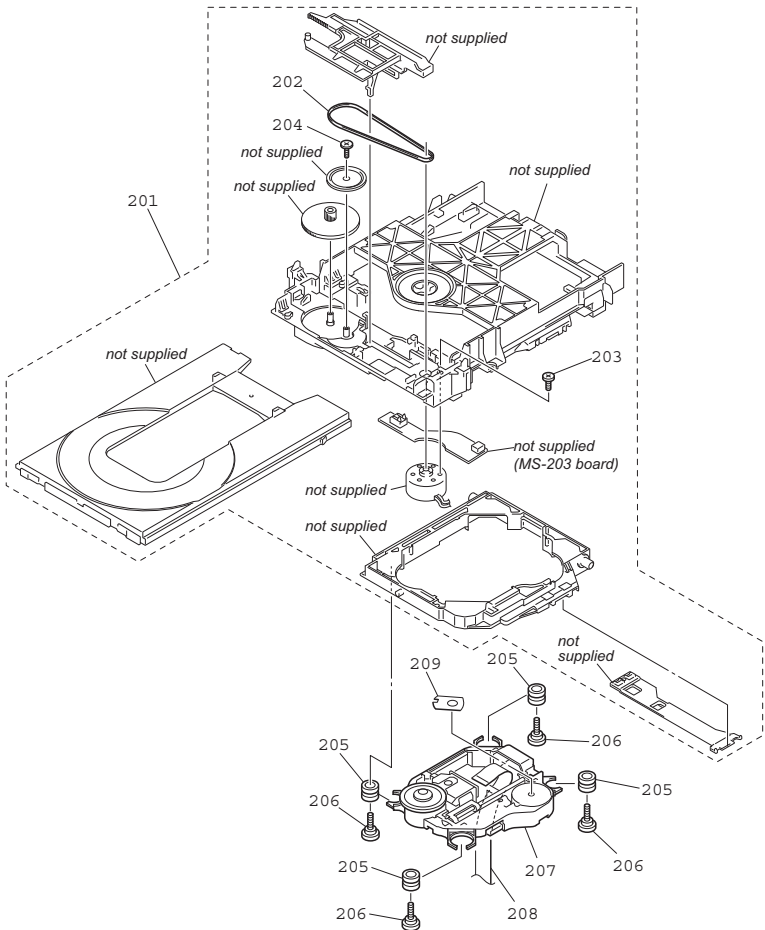
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	3-077-331-21	+BV3 (3-CR)		△ 106	1-837-344-11	CORD, POWER-SUPPLY (MX)	
102	1-828-322-11	WIRE (FLAT TYPE) (11 CORE)		△ 106	1-837-345-11	CORD, POWER-SUPPLY (TW)	
103	A-1746-214-A	FL BOARD, COMPLETE		△ 106	1-837-822-21	CORD, POWER-SUPPLY (CH)	
104	1-828-955-11	WIRE (FLAT TYPE) (9 CORE)		△ 107	1-569-008-33	ADAPTOR, CONVERSION (E32)	
105	3-703-244-00	BUSHING, CORD (2104) (EXCEPT TH)		108	3-077-331-11	+BV3 (3-CR)	
105	4-916-783-01	BUSHING, CORD (TH)		109	1-823-718-11	WIRE (FLAT TYPE) (17 CORE) (TZ230/TZ630)	
△ 106	1-834-288-12	CORD, POWER (TH)		ND5000	1-483-107-11	FLUORESCENT INDICATOR TUBE	
△ 106	1-834-966-41	CORD, POWER-SUPPLY (E3,E12,E32,PH,RU,SAF,SP,AEP)		TU401	1-693-780-21	TUNER (FM) (ANTENNA)	
△ 106	1-835-068-21	CORD, POWER (AUS)		TU401	1-693-781-21	TUNER (FM) (ANTENNA) (CND)	
△ 106	1-835-078-31	CORD, POWER (EA,HK,UK)		TU401	1-693-788-21	TUNER (FM) (ANTENNA) (RU,SAF,AEP,UK)	
△ 106	1-837-308-11	CORD, POWER-SUPPLY (CND)		#2	7-682-547-04	SCREW +B 3X6	
△ 106	1-837-312-11	CORD, POWER-SUPPLY (AR)					

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[illegible]

Note: If the wire (flat type) was replaced, fold it some as the wire (flat type) before replacement.

6-5. DVD MECHANISM DECK SECTION
(CDM85MB-DVBU102)



Note: If the wire (flat type) was replaced, fold it some wire (flat type) before replacement.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
201	A-1749-923-A	CDM85 (MB) ASSY		206	3-087-599-01	SCREW, INSULATOR	
202	3-088-371-01	BELT		207	8-820-321-12	OPTICAL PICK-UP (KHM-313CAA/C2RP1)	
203	4-974-725-11	SCREW (M1.7X2.5), P		208	1-828-773-51	WIRE (FLAT TYPE) (24 CORE)	
204	4-674-137-11	SCREW (PTP2X5)		209	3-113-851-01	SHEET (E12)	
205	2-634-618-01	INSULATOR					

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SECTION 7
ELECTRICAL PARTS LIST

Note:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "a" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable
- CAPACITORS
uF: μ F
- COILS
uH: μ H
- SEMICONDUCTORS
In each case, u: μ , for example:
uA... : μ A..., uPA..., μ PA...,
uPB... : μ PB..., uPC..., μ PC...,
uPD... : μ PD...

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E32 : 110 – 240V AC area in E model

When indicating parts by reference number, please include the board name.

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标识有 Δ 的元件包含机密信息。
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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	A-1746-214-A	FL BOARD, COMPLETE *****				< COIL >	
		< CAPACITOR >		L5000	1-410-671-31	INDUCTOR 47uH	
C5000	1-100-909-11	CERAMIC CHIP 10uF 10% 6.3V		L5001	1-410-671-31	INDUCTOR 47uH	
C5002	1-126-382-11	ELECT 100uF 20% 16V		L5002	1-410-671-31	INDUCTOR 47uH	
C5003	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V				< FLUORESCENT INDICATOR TUBE >	
C5004	1-162-968-11	CERAMIC CHIP 0.0047uF 10% 50V		ND5000	1-483-107-11	FLUORESCENT INDICATOR TUBE	
C5005	1-163-037-11	CERAMIC CHIP 0.022uF 10% 50V				< TRANSISTOR >	
C5006	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		Q5000	6-550-065-01	TRANSISTOR CPH5504-TL-E	
C5007	1-165-908-11	CERAMIC CHIP 1uF 10% 10V				< RESISTOR >	
C5008	1-162-974-11	CERAMIC CHIP 0.01uF 50V		R5000	1-216-828-11	METAL CHIP 3.9K 5% 1/10W	
C5009	1-119-943-11	ELECT 47uF 20% 50V		R5001	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
C5010	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R5002	1-216-821-11	METAL CHIP 1K 5% 1/10W	
C5011	1-126-157-11	ELECT 10uF 20% 16V		R5003	1-216-813-11	METAL CHIP 220 5% 1/10W	
C5012	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R5004	1-216-813-11	METAL CHIP 220 5% 1/10W	
C5020	1-126-157-11	ELECT 10uF 20% 16V		R5005	1-216-813-11	METAL CHIP 220 5% 1/10W	
C5021	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		R5006	1-216-839-11	METAL CHIP 33K 5% 1/10W	
C5061	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V		R5007	1-216-813-11	METAL CHIP 220 5% 1/10W	
		< CONNECTOR >		R5008	1-216-805-11	METAL CHIP 47 5% 1/10W	
CN5000	1-564-720-11	PIN, CONNECTOR (SMALL TYPE) 4P		R5009	1-216-805-11	METAL CHIP 47 5% 1/10W	
CN5005	1-779-548-21	CONNECTOR, FFC (LIF (NON-ZIF)) 11P				< TRANSFORMER >	
		< DIODE >		R5010	1-216-809-11	METAL CHIP 100 5% 1/10W	
D5000	6-500-848-01	DIODE MC2840-T112-1		R5011	1-216-809-11	METAL CHIP 100 5% 1/10W	
D5001	6-500-848-01	DIODE MC2840-T112-1		R5012	1-216-809-11	METAL CHIP 100 5% 1/10W	
D5002	6-501-729-01	DIODE MAZ8051GLLS0		R5013	1-216-844-11	METAL CHIP 82K 5% 1/10W	
D5006	6-501-817-01	DIODE MA2J1110GLS0		R5014	1-216-809-11	METAL CHIP 100 5% 1/10W	
		< IC >		R5018	1-216-805-11	METAL CHIP 47 5% 1/10W	
IC5000	6-702-302-01	IC TK11133CSCL-G		R5083	1-216-813-11	METAL CHIP 220 5% 1/10W	
IC5001	6-713-497-01	IC HT16515		R5084	1-216-813-11	METAL CHIP 220 5% 1/10W	
IC5002	6-600-767-01	IC PNA4823M02S0 (IR)				< TRANSFORMER >	
		< JUMPER RESISTOR >		T5000	1-443-645-11	TRANSFORMER, DC CONVERTER	
JR5000	1-216-295-91	SHORT CHIP 0				*****	

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KEY-SW

Ref. No.	Part No.	Description	Remark
	A-1746-218-A	KEY-SW BOARD, COMPLETE *****	
		< CONNECTOR >	
* CN5201	1-580-055-21	PIN, CONNECTOR (SMD) 2P	
CN5202	1-580-057-11	PIN, CONNECTOR (SMD) 4P	
		< RESISTOR >	
R5201	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R5202	1-216-809-11	METAL CHIP 100 5% 1/10W	
R5203	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R5204	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
		< SWITCH >	
S5201	1-786-650-21	SWITCH, TACTILE (■)	
S5202	1-786-650-21	SWITCH, TACTILE (►)	
S5203	1-786-650-21	SWITCH, TACTILE (▲)	
S5204	1-786-650-21	SWITCH, TACTILE (FUNCTION)	

Ⓐ	A-1746-824-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ210:CND)	
Ⓐ	A-1746-825-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ230:AEP)	
Ⓐ	A-1746-826-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ230:UK)	
Ⓐ	A-1746-827-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ210:E12)	
Ⓐ	A-1746-828-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ210:SAF)	
Ⓐ	A-1746-829-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ210:PH,SP,TH)	
Ⓐ	A-1746-830-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ210:AUS)	
Ⓐ	A-1746-831-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ210:E32)	
Ⓐ	A-1746-832-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ210:MX)	
Ⓐ	A-1746-833-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ510:SP,TH)	
Ⓐ	A-1746-834-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ510:TW)	
Ⓐ	A-1746-835-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ630:AEP)	
Ⓐ	A-1746-836-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ710:CH)	
Ⓐ	A-1760-404-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ210:E3)	
Ⓐ	A-1760-415-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ210:HK)	
Ⓐ	A-1760-447-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ210:AR)	
Ⓐ	A-1760-469-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ510:CND)	
Ⓐ	A-1760-480-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ510:E32)	
Ⓐ	A-1760-487-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ510:MX)	
Ⓐ	A-1760-505-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ710:E3)	
Ⓐ	A-1760-520-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ710:TH)	
Ⓐ	A-1760-527-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ710:HK)	

Ref. No.	Part No.	Description	Remark
Ⓐ	A-1760-534-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ210:PH,SP,TH)	
Ⓐ	A-1770-774-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ210:MX)	
Ⓐ	A-1771-236-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ210:MX)	
Ⓐ	A-1771-247-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ510:MX)	
Ⓐ	A-1771-254-A	MAIN BOARD, COMPLETE (for SERVICE) (TZ210:MX)	

		< CAPACITOR >	
C333	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C334	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C400	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C401	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C402	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C403	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C404	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C405	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C409	1-126-933-11	ELECT 100uF 20% 16V	
C410	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C411	1-126-916-11	ELECT 1000uF 20% 6.3V	
C412	1-162-960-11	CERAMIC CHIP 220PF 10% 50V	
C413	1-162-960-11	CERAMIC CHIP 220PF 10% 50V	
C414	1-104-658-91	ELECT 100uF 20% 10V	
C415	1-104-662-91	ELECT 22uF 20% 25V	
C416	1-104-662-91	ELECT 22uF 20% 25V	
C417	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C418	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C419	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C420	1-165-908-11	CERAMIC CHIP 1uF 10% 10V	
C421	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C423	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C425	1-126-947-11	ELECT 47uF 20% 35V	
C426	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V	
C427	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C429	1-127-573-11	CERAMIC CHIP 1uF 10% 16V	
C431	1-165-908-11	CERAMIC CHIP 1uF 10% 10V	
C432	1-165-908-11	CERAMIC CHIP 1uF 10% 10V	
C435	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C436	1-126-964-11	ELECT 10uF 20% 50V	
C438	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C439	1-126-964-11	ELECT 10uF 20% 50V	
C440	1-126-964-11	ELECT 10uF 20% 50V	
C441	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C471	1-126-933-11	ELECT 100uF 20% 16V	
C476	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C500	1-162-923-11	CERAMIC CHIP 47PF 5% 50V	
C511	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	

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MAIN

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C512	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1130	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C513	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1132	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C514	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1133	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C515	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1135	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C516	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C1136	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C517	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1137	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C518	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1138	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C519	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1139	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C520	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1140	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C521	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C1144	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C522	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1145	1-126-964-11	ELECT	10uF	20%	50V
C523	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V	C1146	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C524	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1147	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C525	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1148	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C527	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	C1149	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C528	1-104-656-11	ELECT	2200uF	20%	6.3V	C1151	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C529	1-104-658-91	ELECT	100uF	20%	10V	C1152	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C530	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1153	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C531	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1154	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C532	1-126-933-11	ELECT	100uF	20%	16V	C1155	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C533	1-164-315-11	CERAMIC CHIP	470PF	5%	50V	C1156	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C536	1-126-923-91	ELECT	220uF	20%	10V	C1158	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C537	1-104-658-91	ELECT	100uF	20%	10V	C1159	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C538	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1160	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C539	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1161	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C540	1-126-933-11	ELECT	100uF	20%	16V	C1162	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C541	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1163	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C542	1-164-315-11	CERAMIC CHIP	470PF	5%	50V	C1164	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C543	1-126-965-91	ELECT	22uF	20%	50V	C1165	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C545	1-104-658-91	ELECT	100uF	20%	10V	C1169	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C546	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1170	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V
C550	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1171	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C551	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C1172	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C552	1-126-933-11	ELECT	100uF	20%	16V	C1174	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C553	1-126-935-11	ELECT	470uF	20%	16V	C1175	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1101	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1176	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1102	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C1177	1-126-947-11	ELECT	47uF	20%	35V
C1105	1-126-947-11	ELECT	47uF	20%	35V	C1179	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1106	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1180	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1108	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1181	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1109	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1182	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1110	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1183	1-128-934-11	CERAMIC CHIP	0.33uF	20%	10V
C1111	1-104-658-91	ELECT	100uF	20%	10V	C1184	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1112	1-126-947-11	ELECT	47uF	20%	35V	C1186	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1113	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1187	1-126-947-11	ELECT	47uF	20%	35V
C1114	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1190	1-104-658-91	ELECT	100uF	20%	10V
C1115	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1191	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1116	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1192	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1117	1-126-947-11	ELECT	47uF	20%	35V	C1193	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1118	1-126-947-11	ELECT	47uF	20%	35V	C1195	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1119	1-126-947-11	ELECT	47uF	20%	35V	C1197	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1120	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C1198	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1121	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C1199	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C1122	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C1503	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1123	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C1504	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1124	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C1505	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1125	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1506	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C1126	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1507	1-126-964-11	ELECT	10uF	20%	50V
C1127	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1508	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1129	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V	C1509	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

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Ref. No.	Part No.	Description			Remark
C1510	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1511	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1512	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1513	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1514	1-126-964-11	ELECT	10uF	20%	50V
C1516	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1518	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1520	1-126-947-11	ELECT	47uF	20%	35V
C1522	1-164-730-11	CERAMIC CHIP	0.0012uF	10%	50V
C1523	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1524	1-110-563-11	CERAMIC CHIP	0.068uF	10%	16V
C1525	1-100-436-91	CERAMIC CHIP	0.033uF	10%	25V
C1725	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1727	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1729	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1730	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1731	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1732	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1733	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1734	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C2100	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2102	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2108	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C2109	1-104-658-91	ELECT	100uF	20%	10V
C2110	1-104-658-91	ELECT	100uF	20%	10V
C2112	1-126-923-91	ELECT	220uF	20%	10V
C2114	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2115	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C2116	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2117	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C2118	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2119	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2130	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2200	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2201	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2502	1-164-172-11	CERAMIC CHIP	0.0056uF	10%	25V
C2503	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C3000	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3001	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3002	1-126-947-11	ELECT	47uF	20%	35V
C3003	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3006	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3007	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3008	1-100-436-91	CERAMIC CHIP	0.033uF	10%	25V
C3009	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C3010	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3011	1-112-246-11	ELECT	100uF	20%	35V
C3012	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3013	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C3014	1-114-885-51	FILM	1uF	5%	50V
C3015	1-114-885-51	FILM	1uF	5%	50V
C3016	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3017	1-112-246-11	ELECT	100uF	20%	35V
C3018	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C3019	1-126-953-11	ELECT	2200uF	20%	35V
C3021	1-100-436-91	CERAMIC CHIP	0.033uF	10%	25V
C3022	1-114-869-11	CERAMIC CHIP	2.2uF	10%	6.3V
C3023	1-100-436-91	CERAMIC CHIP	0.033uF	10%	25V
C3024	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

Ref. No.	Part No.	Description			Re
C3025	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3026	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3027	1-112-246-11	ELECT	100uF	20%	35V
C3028	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C3029	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3030	1-114-885-51	FILM	1uF	5%	50V
C3031	1-114-885-51	FILM	1uF	5%	50V
C3032	1-112-246-11	ELECT	100uF	20%	35V
C3033	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C3034	1-126-947-11	ELECT	47uF	20%	35V
C3036	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3037	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3038	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3039	1-126-952-11	ELECT	1000uF	20%	35V
C3040	1-100-436-91	CERAMIC CHIP	0.033uF	10%	25V
C3041	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3042	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3043	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3044	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3045	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3046	1-100-436-91	CERAMIC CHIP	0.033uF	10%	25V
C3047	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3048	1-114-869-11	CERAMIC CHIP	2.2uF	10%	6.3V
C3049	1-112-246-11	ELECT	100uF	20%	35V
C3050	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3051	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V
C3052	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V
C3053	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C3054	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3055	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3056	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V
C3057	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V
C3058	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3059	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3060	1-114-885-51	FILM	1uF	5%	50V
C3061	1-114-885-51	FILM	1uF	5%	50V
C3062	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3063	1-112-246-11	ELECT	100uF	20%	35V
C3064	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C3065	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3066	1-100-436-91	CERAMIC CHIP	0.033uF	10%	25V
C3067	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3068	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V
C3069	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V
C3070	1-126-952-11	ELECT	1000uF	20%	35V
C3071	1-100-436-91	CERAMIC CHIP	0.033uF	10%	25V
C3072	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3074	1-112-246-11	ELECT	100uF	20%	35V
C3075	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3076	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3077	1-114-869-11	CERAMIC CHIP	2.2uF	10%	6.3V
C3078	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3079	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V
C3080	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V

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MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C3081	1-114-323-11	CERAMIC CHIP	0.01uF 10% 50V	C3141	1-100-436-91	CERAMIC CHIP	0.033uF 10% 25V
C3082	1-115-339-11	CERAMIC CHIP	0.1uF 10% 50V	C3142	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C3083	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C3143	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C3084	1-114-885-51	FILM	1uF 5% 50V	C3144	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C3085	1-114-885-51	FILM	1uF 5% 50V	C3145	1-115-339-11	CERAMIC CHIP	0.1uF 10% 50V
C3086	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	C3146	1-162-909-11	CERAMIC CHIP	4PF 0.25PF 50V
		(CND,AUS,EA,HK,RU,SAF,AEP,UK,TW,CH)		C3148	1-126-933-11	ELECT	100uF 20% 16V
C3087	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	C3149	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
		(CND,AUS,EA,HK,RU,SAF,AEP,UK,TW,CH)		C3150	1-165-908-11	CERAMIC CHIP	1uF 10% 10V
C3088	1-114-323-11	CERAMIC CHIP	0.01uF 10% 50V	C3151	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C3089	1-114-323-11	CERAMIC CHIP	0.01uF 10% 50V	C3152	1-126-923-91	ELECT	220uF 20% 10V
C3091	1-112-246-11	ELECT	100uF 20% 35V	C3154	1-162-909-11	CERAMIC CHIP	4PF 0.25PF 50V
C3092	1-115-339-11	CERAMIC CHIP	0.1uF 10% 50V	C3155	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C3093	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	C9973	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
		(CND,AUS,EA,HK,RU,SAF,AEP,UK,TW,CH)		< CONNECTOR >			
C3094	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	CN400	1-784-770-11	CONNECTOR, FFC 9P	
		(CND,AUS,EA,HK,RU,SAF,AEP,UK,TW,CH)		CN402	1-820-116-41	CONNECTOR, FFC/FPC 17P (TZ230/TZ630)	
C3095	1-126-952-11	ELECT	1000uF 20% 35V	CN506	1-820-113-41	CONNECTOR, FFC/FPC 11P	
C3096	1-126-947-11	ELECT	47uF 20% 35V	CN508	1-784-861-51	CONNECTOR, FFC (LIF (NON-ZIF)) 9P	
C3097	1-114-323-11	CERAMIC CHIP	0.01uF 10% 50V	CN1101	1-815-763-32	CONNECTOR, FFC/FPC 24P	
C3098	1-114-323-11	CERAMIC CHIP	0.01uF 10% 50V	CN1105	1-564-708-11	PIN, CONNECTOR (SMALL TYPE) 6P	
C3099	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	CN1501	1-564-708-11	PIN, CONNECTOR (SMALL TYPE) 6P	
C3100	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	CN1502	1-779-273-11	CONNECTOR, FFC (LIF (NON-ZIF)) 5P	
C3101	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	CN1701	(Not supplied)	CONNECTOR, HDMI 19P (HDMI OUT)	
C3102	1-100-436-91	CERAMIC CHIP	0.033uF 10% 25V	CN2101	1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P	
C3103	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	< DIODE >			
C3104	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	D400	6-500-848-01	DIODE MC2840-T112-1 (TZ210/TZ510/TZ710)	
C3105	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	D502	6-501-817-01	DIODE MA2J1110GLS0	
C3106	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	D503	6-501-817-01	DIODE MA2J1110GLS0	
C3107	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	D2101	6-501-749-01	DIODE MAZ8082GOLS0	
C3108	1-100-436-91	CERAMIC CHIP	0.033uF 10% 25V	D2102	6-501-592-01	DIODE EDZCTE616.8B	
C3109	1-114-869-11	CERAMIC CHIP	2.2uF 10% 6.3V	D2103	6-501-592-01	DIODE EDZCTE616.8B	
C3110	1-112-246-11	ELECT	100uF 20% 35V	D4002	6-501-817-01	DIODE MA2J1110GLS0	
C3111	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	D4004	6-501-817-01	DIODE MA2J1110GLS0	
C3112	1-115-339-11	CERAMIC CHIP	0.1uF 10% 50V	D9712	6-501-817-01	DIODE MA2J1110GLS0	
C3113	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	< FERRITE BEAD >			
C3114	1-114-885-51	FILM	1uF 5% 50V	FB471	1-500-283-11	INDUCTOR, FERRITE BEAD	
C3115	1-114-885-51	FILM	1uF 5% 50V	* FB1106	1-400-973-21	INDUCTOR (EMI FERRITE)	
C3116	1-112-246-11	ELECT	100uF 20% 35V	* FB1107	1-400-973-21	INDUCTOR (EMI FERRITE)	
C3117	1-115-339-11	CERAMIC CHIP	0.1uF 10% 50V	* FB1108	1-400-973-21	INDUCTOR (EMI FERRITE)	
C3118	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	* FB1109	1-400-973-21	INDUCTOR (EMI FERRITE)	
C3119	1-126-952-11	ELECT	1000uF 20% 35V	* FB1111	1-400-974-21	INDUCTOR (EMI FERRITE)	
C3120	1-100-436-91	CERAMIC CHIP	0.033uF 10% 25V	* FB1112	1-400-974-21	INDUCTOR (EMI FERRITE)	
C3121	1-114-869-11	CERAMIC CHIP	2.2uF 10% 6.3V	* FB1113	1-400-974-21	INDUCTOR (EMI FERRITE)	
C3123	1-100-436-91	CERAMIC CHIP	0.033uF 10% 25V	* FB1115	1-400-974-21	INDUCTOR (EMI FERRITE)	
C3124	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	* FB1116	1-400-974-21	INDUCTOR (EMI FERRITE)	
C3125	1-112-246-11	ELECT	100uF 20% 35V	* FB1117	1-400-974-21	INDUCTOR (EMI FERRITE)	
C3126	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	* FB1118	1-400-974-21	INDUCTOR (EMI FERRITE)	
C3127	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	* FB2101	1-400-973-21	INDUCTOR (EMI FERRITE)	
C3128	1-115-339-11	CERAMIC CHIP	0.1uF 10% 50V	* FB2103	1-400-973-21	INDUCTOR (EMI FERRITE)	
C3129	1-114-885-51	FILM	1uF 5% 50V	* FB2104	1-469-379-11	FERRITE, EMI (SMD) (2012)	
C3130	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	FB2105	1-469-379-11	FERRITE, EMI (SMD) (2012)	
C3131	1-114-885-51	FILM	1uF 5% 50V	FB2120	1-469-118-21	FERRITE, EMI (SMD) (1608)	
C3132	1-126-947-11	ELECT	47uF 20% 35V	FB2121	1-469-118-21	FERRITE, EMI (SMD) (1608)	
C3133	1-112-246-11	ELECT	100uF 20% 35V	FB2122	1-469-118-21	FERRITE, EMI (SMD) (1608)	
C3134	1-115-339-11	CERAMIC CHIP	0.1uF 10% 50V	FB2125	1-469-118-21	FERRITE, EMI (SMD) (1608)	
C3135	1-126-952-11	ELECT	1000uF 20% 35V	FB2126	1-500-283-11	INDUCTOR, FERRITE BEAD	
C3137	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V				
C3138	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V				
C3139	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V				
C3140	1-126-934-11	ELECT	220uF 20% 16V				

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Note: When IC507, IC1103 and IC1501 on the Main board is damaged, exchange the new Main board for the Main board which IC damaged.

HBD-TZ210/TZ230/TZ510/TZ630/TZ710

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MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R405	1-216-809-11	METAL CHIP	100	5%	1/10W (TZ230/TZ630)	R532	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (AEP)
R406	1-216-809-11	METAL CHIP	100	5%	1/10W	R532	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W (MX)
R409	1-216-809-11	METAL CHIP	100	5%	1/10W	R532	1-216-833-11	METAL CHIP	10K	5%	1/10W (E32,AR)
R410	1-216-809-11	METAL CHIP	100	5%	1/10W	R532	1-216-837-11	METAL CHIP	22K	5%	1/10W (CND)
R411	1-211-990-11	METAL CHIP	75	0.5%	1/10W (TZ210/TZ510/TZ710)	R532	1-216-841-11	METAL CHIP	47K	5%	1/10W (E3,E12,AUS,EA,SAF,UK,TW)
R412	1-216-809-11	METAL CHIP	100	5%	1/10W	R535	1-216-821-11	METAL CHIP	1K	5%	1/10W (TZ210/TZ230)
R413	1-216-809-11	METAL CHIP	100	5%	1/10W	R535	1-216-841-11	METAL CHIP	47K	5%	1/10W (TZ510/TZ630)
R414	1-216-837-11	METAL CHIP	22K	5%	1/10W	R536	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (TZ710)
R415	1-216-837-11	METAL CHIP	22K	5%	1/10W (TZ210/TZ510/TZ710)	R536	1-216-833-11	METAL CHIP	10K	5%	1/10W (TZ630)
R416	1-216-845-11	METAL CHIP	100K	5%	1/10W	R536	1-216-835-11	METAL CHIP	15K	5%	1/10W (TZ510)
R418	1-216-845-11	METAL CHIP	100K	5%	1/10W	R548	1-216-833-11	METAL CHIP	10K	5%	1/10W
R420	1-216-809-11	METAL CHIP	100	5%	1/10W (RU,SAF,AEP,UK,CH)	R549	1-216-833-11	METAL CHIP	10K	5%	1/10W
R420	1-216-864-11	SHORT CHIP	0		(EXCEPT RU,SAF,AEP,UK,CH)	R550	1-216-833-11	METAL CHIP	10K	5%	1/10W
R421	1-216-809-11	METAL CHIP	100	5%	1/10W (RU,SAF,AEP,UK,CH)	R556	1-216-833-11	METAL CHIP	10K	5%	1/10W
R421	1-216-864-11	SHORT CHIP	0		(EXCEPT RU,SAF,AEP,UK,CH)	R563	1-216-833-11	METAL CHIP	10K	5%	1/10W
R422	1-216-841-11	METAL CHIP	47K	5%	1/10W	R564	1-216-864-11	SHORT CHIP	0		
R423	1-216-841-11	METAL CHIP	47K	5%	1/10W	R569	1-216-821-11	METAL CHIP	1K	5%	1/10W
R424	1-216-841-11	METAL CHIP	47K	5%	1/10W	R577	1-216-833-11	METAL CHIP	10K	5%	1/10W
R425	1-216-841-11	METAL CHIP	47K	5%	1/10W	R579	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R426	1-218-827-11	METAL CHIP	150	0.5%	1/10W (TZ210/TZ510/TZ710)	R581	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R427	1-216-833-11	METAL CHIP	10K	5%	1/10W	R582	1-216-841-11	METAL CHIP	47K	5%	1/10W
R434	1-216-809-11	METAL CHIP	100	5%	1/10W	R585	1-216-833-11	METAL CHIP	10K	5%	1/10W
R437	1-216-805-11	METAL CHIP	47	5%	1/10W	R596	1-216-845-11	METAL CHIP	100K	5%	1/10W
R438	1-216-805-11	METAL CHIP	47	5%	1/10W	R597	1-216-841-11	METAL CHIP	47K	5%	1/10W
R439	1-216-864-11	SHORT CHIP	0			R598	1-216-841-11	METAL CHIP	47K	5%	1/10W
R471	1-216-864-11	SHORT CHIP	0			R599	1-216-833-11	METAL CHIP	10K	5%	1/10W
R472	1-216-801-11	METAL CHIP	22	5%	1/10W	R607	1-216-809-11	METAL CHIP	100	5%	1/10W
R473	1-216-801-11	METAL CHIP	22	5%	1/10W	R609	1-216-833-11	METAL CHIP	10K	5%	1/10W
R474	1-216-801-11	METAL CHIP	22	5%	1/10W	R614	1-216-809-11	METAL CHIP	100	5%	1/10W
R480	1-216-805-11	METAL CHIP	47	5%	1/10W	R615	1-216-821-11	METAL CHIP	1K	5%	1/10W
R481	1-216-805-11	METAL CHIP	47	5%	1/10W	R620	1-218-851-11	METAL CHIP	1.5K	0.5%	1/10W
R482	1-216-805-11	METAL CHIP	47	5%	1/10W	R621	1-216-821-11	METAL CHIP	1K	5%	1/10W
R483	1-216-805-11	METAL CHIP	47	5%	1/10W	R622	1-218-885-11	METAL CHIP	39K	0.5%	1/10W
R486	1-216-803-11	METAL CHIP	33	5%	1/10W	R625	1-216-821-11	METAL CHIP	1K	5%	1/10W
R488	1-216-809-11	METAL CHIP	100	5%	1/10W	R626	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R531	1-216-821-11	METAL CHIP	1K	5%	1/10W (HK,PH,SP,TH)	R627	1-216-809-11	METAL CHIP	100	5%	1/10W
R531	1-216-823-11	METAL CHIP	1.5K	5%	1/10W (UK)	R628	1-216-821-11	METAL CHIP	1K	5%	1/10W
R531	1-216-827-11	METAL CHIP	3.3K	5%	1/10W (E3)	R629	1-216-809-11	METAL CHIP	100	5%	1/10W
R531	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W (E12)	R1101	1-216-809-11	METAL CHIP	100	5%	1/10W
R531	1-216-833-11	METAL CHIP	10K	5%	1/10W (EA,SAF)	R1102	1-216-864-11	SHORT CHIP	0		
R531	1-216-835-11	METAL CHIP	15K	5%	1/10W (AUS)	R1103	1-218-864-11	METAL CHIP	5.1K	0.5%	1/10W
R531	1-216-839-11	METAL CHIP	33K	5%	1/10W (TW)	R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W
R531	1-216-841-11	METAL CHIP	47K	5%	1/10W (CND,E32,AR,MX,RU,CH)	R1106	1-216-833-11	METAL CHIP	10K	5%	1/10W
R532	1-216-823-11	METAL CHIP	1.5K	5%	1/10W (RU)	R1107	1-216-833-11	METAL CHIP	10K	5%	1/10W
R532	1-216-827-11	METAL CHIP	3.3K	5%	1/10W (CH)	R1108	1-216-857-11	METAL CHIP	1M	5%	1/10W
						R1110	1-216-841-11	METAL CHIP	47K	5%	1/10W
						R1111	1-216-809-11	METAL CHIP	100	5%	1/10W
						R1114	1-216-845-11	METAL CHIP	100K	5%	1/10W
						R1116	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R1117	1-216-841-11	METAL CHIP	47K	5%	1/10W
						R1124	1-216-841-11	METAL CHIP	47K	5%	1/10W
						R1125	1-216-805-11	METAL CHIP	47	5%	1/10W

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Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Re
R1132	1-216-845-11	METAL CHIP	100K	5%	1/10W	R2151	1-216-827-11	METAL CHIP	3.3K	5%	1/1
R1133	1-216-864-11	SHORT CHIP	0			R2152	1-216-827-11	METAL CHIP	3.3K	5%	1/1
R1135	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2155	1-216-833-11	METAL CHIP	10K	5%	1/1
R1136	1-216-835-11	METAL CHIP	15K	5%	1/10W	R2156	1-216-833-11	METAL CHIP	10K	5%	1/1
R1140	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R2157	1-216-833-11	METAL CHIP	10K	5%	1/1
R1141	1-216-855-11	METAL CHIP	680K	5%	1/10W	R2158	1-216-833-11	METAL CHIP	10K	5%	1/1
R1142	1-216-845-11	METAL CHIP	100K	5%	1/10W	R2159	1-216-833-11	METAL CHIP	10K	5%	1/1
R1151	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2160	1-216-833-11	METAL CHIP	10K	5%	1/1
R1154	1-216-809-11	METAL CHIP	100	5%	1/10W	R2167	1-216-864-11	SHORT CHIP	0		1/1
R1155	1-216-809-11	METAL CHIP	100	5%	1/10W	R2168	1-216-815-11	METAL CHIP	330	5%	1/1
R1156	1-216-809-11	METAL CHIP	100	5%	1/10W	R2169	1-216-833-11	METAL CHIP	10K	5%	1/1
R1159	1-216-805-11	METAL CHIP	47	5%	1/10W	R2176	1-216-833-11	METAL CHIP	10K	5%	1/1
R1160	1-216-805-11	METAL CHIP	47	5%	1/10W	R2178	1-216-821-11	METAL CHIP	1K	5%	1/1
R1161	1-216-805-11	METAL CHIP	47	5%	1/10W	R2179	1-216-809-11	METAL CHIP	100	5%	1/1
R1171	1-216-809-11	METAL CHIP	100	5%	1/10W	R2180	1-216-833-11	METAL CHIP	10K	5%	1/1
R1183	1-216-805-11	METAL CHIP	47	5%	1/10W	R2184	1-216-809-11	METAL CHIP	100	5%	1/1
R1184	1-216-805-11	METAL CHIP	47	5%	1/10W	R2185	1-216-809-11	METAL CHIP	100	5%	1/1
R1185	1-216-805-11	METAL CHIP	47	5%	1/10W	R2191	1-216-833-11	METAL CHIP	10K	5%	1/1
R1191	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2192	1-216-833-11	METAL CHIP	10K	5%	1/1
R1193	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2193	1-216-833-11	METAL CHIP	10K	5%	1/1
R1198	1-216-809-11	METAL CHIP	100	5%	1/10W	R2194	1-216-825-11	METAL CHIP	2.2K	5%	1/1
R1501	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2202	1-216-809-11	METAL CHIP	100	5%	1/1
R1504	1-216-829-11	METAL CHIP	4.7K	5%	1/10W			(TZ210:AUS/TZ230:UK/TZ510:PH)			
R1512	1-218-887-11	METAL CHIP	47K	0.5%	1/10W	R3000	1-216-864-11	SHORT CHIP	0		1/1
R1513	1-218-879-11	METAL CHIP	22K	0.5%	1/10W	R3002	1-216-809-11	METAL CHIP	100	5%	1/1
R1517	1-216-815-11	METAL CHIP	330	5%	1/10W	R3005	1-216-809-11	METAL CHIP	100	5%	1/1
R1518	1-218-883-11	METAL CHIP	33K	0.5%	1/10W	R3006	1-216-841-11	METAL CHIP	47K	5%	1/1
R1519	1-218-877-11	METAL CHIP	18K	0.5%	1/10W	R3007	1-216-837-11	METAL CHIP	22K	5%	1/1
R1521	1-218-893-11	METAL CHIP	82K	0.5%	1/10W	R3008	1-218-903-11	METAL CHIP	220K	0.5%	1/1
R1525	1-218-875-11	METAL CHIP	15K	0.5%	1/10W	R3009	1-218-871-11	METAL CHIP	10K	0.5%	1/1
R1526	1-216-835-11	METAL CHIP	15K	5%	1/10W	R3015	1-216-845-11	METAL CHIP	100K	5%	1/1
R1527	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3017	1-216-864-11	SHORT CHIP	0		1/1
R1529	1-216-864-11	SHORT CHIP	0			R3021	1-216-833-11	METAL CHIP	10K	5%	1/1
R1532	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3022	1-216-833-11	METAL CHIP	10K	5%	1/1
R1535	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R3025	1-216-845-11	METAL CHIP	100K	5%	1/1
R1536	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R3026	1-216-817-11	METAL CHIP	470	5%	1/1
R1537	1-218-853-11	METAL CHIP	1.8K	0.5%	1/10W	R3028	1-216-833-11	METAL CHIP	10K	5%	1/1
R1538	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R3029	1-216-864-11	SHORT CHIP	0		1/1
R1539	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R3030	1-216-845-11	METAL CHIP	100K	5%	1/1
R1540	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R3031	1-216-845-11	METAL CHIP	100K	5%	1/1
R1541	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W	R3032	1-216-805-11	METAL CHIP	47	5%	1/1
R1542	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R3033	1-216-817-11	METAL CHIP	470	5%	1/1
R1543	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3034	1-216-837-11	METAL CHIP	22K	5%	1/1
R1544	1-216-797-11	METAL CHIP	10	5%	1/10W	R3035	1-216-805-11	METAL CHIP	47	5%	1/1
R1730	1-216-826-11	METAL CHIP	2.7K	5%	1/10W	R3036	1-216-801-11	METAL CHIP	22	5%	1/1
R1732	1-216-864-11	SHORT CHIP	0			R3037	1-216-809-11	METAL CHIP	100	5%	1/1
R1742	1-216-841-11	METAL CHIP	47K	5%	1/10W	R3038	1-216-845-11	METAL CHIP	100K	5%	1/1
R1744	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R3039	1-216-791-11	METAL CHIP	3.3	5%	1/1
R1749	1-216-824-11	METAL CHIP	1.8K	5%	1/10W	R3040	1-216-805-11	METAL CHIP	47	5%	1/1
R1750	1-216-824-11	METAL CHIP	1.8K	5%	1/10W	R3041	1-216-805-11	METAL CHIP	47	5%	1/1
R1752	1-216-821-11	METAL CHIP	1K	5%	1/10W	R3042	1-216-805-11	METAL CHIP	47	5%	1/1
R1781	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R3043	1-216-805-11	METAL CHIP	47	5%	1/1
R1782	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R3044	1-216-845-11	METAL CHIP	100K	5%	1/1
R2101	1-218-841-11	METAL CHIP	560	0.5%	1/10W	R3045	1-216-845-11	METAL CHIP	100K	5%	1/1
R2110	1-216-826-11	METAL CHIP	2.7K	5%	1/10W	R3046	1-216-805-11	METAL CHIP	47	5%	1/1
R2114	1-216-801-11	METAL CHIP	22	5%	1/10W	R3047	1-216-864-11	SHORT CHIP	0		1/1
R2115	1-216-864-11	SHORT CHIP	0			R3048	1-216-864-11	SHORT CHIP	0		1/1
R2127	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3054	1-216-296-11	SHORT CHIP	0		(E3,E12,E32,AR,MX,PH)
R2129	1-216-845-11	METAL CHIP	100K	5%	1/10W						0
R2150	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R3055	1-216-296-11	SHORT CHIP	0		(E3,E12,E32,AR,MX,PH)

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R3056	1-216-296-11	SHORT CHIP	0 (E3,E12,E32,AR,MX,PH,SP,TH)	R3114	1-216-864-11	SHORT CHIP	0
R3057	1-216-296-11	SHORT CHIP	0 (E3,E12,E32,AR,MX,PH,SP,TH)	R3117	1-216-845-11	METAL CHIP	100K 5% 1/10W
R3058	1-216-817-11	METAL CHIP	470 5% 1/10W	R3119	1-216-805-11	METAL CHIP	47 5% 1/10W
R3059	1-216-864-11	SHORT CHIP	0	R3121	1-216-857-11	METAL CHIP	1M 5% 1/10W
R3060	1-216-845-11	METAL CHIP	100K 5% 1/10W	R3122	1-216-821-11	METAL CHIP	1K 5% 1/10W
R3061	1-216-864-11	SHORT CHIP	0	R3123	1-216-864-11	SHORT CHIP	0
R3062	1-216-805-11	METAL CHIP	47 5% 1/10W	R3125	1-216-864-11	SHORT CHIP	0
R3063	1-216-845-11	METAL CHIP	100K 5% 1/10W	R3127	1-216-864-11	SHORT CHIP	0
R3064	1-216-845-11	METAL CHIP	100K 5% 1/10W	R3142	1-216-864-11	SHORT CHIP	0
R3065	1-216-817-11	METAL CHIP	470 5% 1/10W	R3143	1-216-864-11	SHORT CHIP	0
R3066	1-216-837-11	METAL CHIP	22K 5% 1/10W	R3144	1-216-864-11	SHORT CHIP	0
R3067	1-216-805-11	METAL CHIP	47 5% 1/10W	R3145	1-216-864-11	SHORT CHIP	0
R3069	1-216-805-11	METAL CHIP	47 5% 1/10W	R9941	1-216-838-11	METAL CHIP	27K 5% 1/10W
R3070	1-216-296-11	SHORT CHIP	0 (E3,E12,E32,AR,MX,PH,SP,TH)	R9942	1-216-838-11	METAL CHIP	27K 5% 1/10W
R3071	1-216-801-11	METAL CHIP	22 5% 1/10W	R9945	1-216-813-11	METAL CHIP	220 5% 1/10W
R3072	1-216-296-11	SHORT CHIP	0 (E3,E12,E32,AR,MX,PH,SP,TH)	R9946	1-216-864-11	SHORT CHIP	0
R3073	1-216-809-11	METAL CHIP	100 5% 1/10W	< NETWORK RESISTOR >			
R3074	1-216-791-11	METAL CHIP	3.3 5% 1/10W	RB400	1-234-372-11	RES, NETWORK 100X4 (1005)	
R3075	1-216-805-11	METAL CHIP	47 5% 1/10W	RB540	1-234-378-21	RES, NETWORK 10KX4 (1005)	
R3076	1-216-296-11	SHORT CHIP	0 (E3,E12,E32,AR,MX,PH,SP,TH)	RB541	1-234-375-21	RES, NETWORK 1KX4 (1005)	
R3077	1-216-805-11	METAL CHIP	47 5% 1/10W	RB550	1-234-372-11	RES, NETWORK 100X4 (1005)	
R3078	1-216-845-11	METAL CHIP	100K 5% 1/10W	RB603	1-234-372-11	RES, NETWORK 100X4 (1005)	
R3079	1-216-296-11	SHORT CHIP	0 (E3,E12,E32,AR,MX,PH,SP,TH)	RB1103	1-234-371-21	RES, NETWORK 47X4 (1005)	
R3080	1-216-864-11	SHORT CHIP	0	RB1104	1-234-371-21	RES, NETWORK 47X4 (1005)	
R3081	1-216-845-11	METAL CHIP	100K 5% 1/10W	RB1105	1-234-371-21	RES, NETWORK 47X4 (1005)	
R3082	1-216-845-11	METAL CHIP	100K 5% 1/10W	RB1106	1-234-371-21	RES, NETWORK 47X4 (1005)	
R3083	1-216-864-11	SHORT CHIP	0	RB1109	1-234-371-21	RES, NETWORK 47X4 (1005)	
R3084	1-216-296-11	SHORT CHIP	0 (E3,E12,E32,AR,MX,PH,SP,TH)	RB1110	1-234-371-21	RES, NETWORK 47X4 (1005)	
R3085	1-216-296-11	SHORT CHIP	0 (E3,E12,E32,AR,MX,PH,SP,TH)	RB1111	1-234-371-21	RES, NETWORK 47X4 (1005)	
R3086	1-216-296-11	SHORT CHIP	0 (E3,E12,E32,AR,MX,PH,SP,TH)	RB1112	1-234-400-21	CONDUCTOR, NETWORK 0X4 (1005)	
R3087	1-216-296-11	SHORT CHIP	0 (E3,E12,E32,AR,MX,PH,SP,TH)	RB1113	1-234-400-21	CONDUCTOR, NETWORK 0X4 (1005)	
R3093	1-216-864-11	SHORT CHIP	0	RB1114	1-234-371-21	RES, NETWORK 47X4 (1005)	
R3094	1-216-845-11	METAL CHIP	100K 5% 1/10W	RB1115	1-234-371-21	RES, NETWORK 47X4 (1005)	
R3095	1-216-817-11	METAL CHIP	470 5% 1/10W	RB1116	1-234-370-21	RES, NETWORK 22X4 (1005)	
R3096	1-216-864-11	SHORT CHIP	0	RB1117	1-234-370-21	RES, NETWORK 22X4 (1005)	
R3097	1-216-805-11	METAL CHIP	47 5% 1/10W	RB1500	1-234-375-21	RES, NETWORK 1KX4 (1005)	
R3098	1-216-845-11	METAL CHIP	100K 5% 1/10W	< TERMINAL BOARD >			
R3099	1-216-845-11	METAL CHIP	100K 5% 1/10W	TB3001	1-780-838-11	TERMINAL BOARD (SPEAKER) 6P (SPEAKERS (FRONT R/L,SUR R/L,CENTER,SUBWOOFER))	
R3100	1-216-837-11	METAL CHIP	22K 5% 1/10W	< VIBRATOR >			
R3101	1-216-833-11	METAL CHIP	10K 5% 1/10W	X501	1-795-058-21	VIBRATOR, CERAMIC (5MHz)	
R3102	1-216-817-11	METAL CHIP	470 5% 1/10W	X1101	1-814-381-11	QUARTZ CRYSTAL UNITS (27MHz)	
R3103	1-216-805-11	METAL CHIP	47 5% 1/10W	X3000	1-814-266-11	VIBRATOR, CRYSTAL (49.152MHz)	
R3104	1-216-805-11	METAL CHIP	47 5% 1/10W	*****			
R3105	1-216-845-11	METAL CHIP	100K 5% 1/10W	MS-203 BOARD			
R3106	1-216-801-11	METAL CHIP	22 5% 1/10W	*****			
R3107	1-216-791-11	METAL CHIP	3.3 5% 1/10W	< CONNECTOR >			
R3108	1-216-809-11	METAL CHIP	100 5% 1/10W	CN001	1-815-412-11	CONNECTOR, FFC/FPC 5P	
R3109	1-216-805-11	METAL CHIP	47 5% 1/10W	< SWITCH >			
R3110	1-216-805-11	METAL CHIP	47 5% 1/10W	S001	1-786-693-11	SWITCH, DETECTION (CHUCK/TRAY DETECT)	
R3111	1-216-845-11	METAL CHIP	100K 5% 1/10W	*****			
R3112	1-216-845-11	METAL CHIP	100K 5% 1/10W				
R3113	1-216-864-11	SHORT CHIP	0				

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P-SW

POV

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	A-1746-219-A	P-SW BOARD, COMPLETE *****		C928	1-112-232-11	ELECT	2700uF 20% 16V
		< CAPACITOR >		C929	1-112-241-21	ELECT	1000uF 20% 25V
C5301	1-162-927-11	CERAMIC CHIP 100PF 5% 50V		C932	1-114-994-11	ELECT	2200uF 20% 35V
		< CONNECTOR >		C933	1-114-994-11	ELECT	2200uF 20% 35V
* CN5301	1-580-055-21	PIN, CONNECTOR (SMD) 2P		C934	1-126-953-11	ELECT	2200uF 20% 35V
		< SWITCH >		C935	1-114-323-11	CERAMIC CHIP	0.01uF 10% 50V
S5301	1-786-650-21	SWITCH, TACTILE (I/⬆)		C936	1-114-323-11	CERAMIC CHIP	0.01uF 10% 50V
*****		*****		C937	1-100-756-91	CERAMIC CHIP	0.047uF 10% 50V
	A-1745-469-A	POWER BOARD, COMPLETE (AEP,UK)		△ C938	1-112-869-51	CERAMIC	470PF 10% 25V
	A-1745-471-A	POWER BOARD, COMPLETE (E3,E12,AUS,AR,HK,PH,RU,SAF,SP,TH,CH)		C939	1-136-165-00	FILM	0.1uF 5% 50V
	A-1745-473-A	POWER BOARD, COMPLETE (CND,TW)		C940	1-112-228-21	ELECT	1000uF 20% 16V
	A-1745-475-A	POWER BOARD, COMPLETE (MX)		C942	1-126-941-11	ELECT	470uF 20% 25V
	A-1745-477-A	POWER BOARD, COMPLETE (E32,EA) *****		C943	1-126-934-11	ELECT	220uF 20% 16V
	7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3		C950	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V
		< CAPACITOR >		C951	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V
△ C901	1-114-594-11	FILM 0.22uF 10% 310V		△ C963	1-112-869-51	CERAMIC	470PF 10% 25V
△ C902	1-114-594-11	FILM 0.22uF 10% 310V				(EXCEPT CND,MX)	25V
△ C902	1-116-397-21	FILM 0.33uF 10% 310V		△ C963	1-112-870-51	CERAMIC	0.001uF 20% 25V
		(CND,E32,EA,MX,TW)				(CND,MX)	25V
△ C903	1-114-344-21	ELECT(BLOCK) 1000uF 20% 250V		△ C964	1-112-869-51	CERAMIC	470PF 10% 25V
		(MX)				(EXCEPT CND,MX)	25V
△ C903	1-114-345-21	ELECT(BLOCK) 1000uF 20% 200V		△ C964	1-112-870-51	CERAMIC	0.001uF 20% 25V
		(CND,TW)				(CND,MX)	25V
△ C903	1-114-346-21	ELECT(BLOCK) 330uF 20% 400V		C971	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
		(AEP,UK)		C972	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V
△ C903	1-114-347-21	ELECT(BLOCK) 330uF 20% 450V		C973	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V
		(EXCEPT CND,MX,AEP,UK,TW)		C975	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V
△ C905	1-116-392-11	FILM 0.01uF 5% 400V		C976	1-126-933-11	ELECT	100uF 20% 16V
		(CND,MX,TW)		△ C980	1-117-828-11	FILM	0.0033uF 3% 1.5V
△ C905	1-116-393-11	FILM 0.0033uF 5% 400V				(CND,MX)	25V
		(EXCEPT CND,MX,TW)		△ C981	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V
△ C906	1-117-815-11	FILM 0.001uF 3% 1.5KV		C983	1-100-756-91	CERAMIC CHIP	0.047uF 10% 50V
		(EXCEPT CND,MX,TW)		C984	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
△ C907	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V		C990	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V
		(EXCEPT CND,MX,TW)		C991	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V
△ C907	1-162-965-11	CERAMIC CHIP 0.0015uF 10% 50V		C992	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
		(CND,MX,TW)		C993	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V
△ C908	1-107-909-11	ELECT 47uF 20% 50V		△ C994	1-112-869-51	CERAMIC	470PF 10% 25V
△ C909	1-162-960-11	CERAMIC CHIP 220PF 10% 50V				(EXCEPT CND,MX)	25V
△ C910	1-126-965-91	ELECT 22uF 20% 50V		C997	1-116-078-11	CERAMIC CHIP	1uF 10% 50V
		(EXCEPT E32,EA)		△ C998	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V
		< CONNECTOR >					
△ C910	1-126-967-11	ELECT 47uF 20% 50V		CN901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P	
		(E32,EA)		CN904	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P	
△ C916	1-116-078-11	CERAMIC CHIP 1uF 10% 50V		* CN906	1-764-334-11	PLUG, CONNECTOR 11P	
△ C918	1-112-887-51	CERAMIC 0.01uF 20% 250V				< DIODE >	
△ C920	1-112-887-51	CERAMIC 0.01uF 20% 250V		△ D901	8-719-082-57	DIODE D5SBA60F01	
△ C921	1-117-220-81	CERAMIC 150PF 5% 2KV		△ D902	8-719-063-74	DIODE D1NL20U-TR2	
				△ D906	6-501-817-01	DIODE MA2J1110GLS0	
△ C922	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V		△ D907	6-501-817-01	DIODE MA2J1110GLS0	
△ C923	1-162-959-11	CERAMIC CHIP 330PF 5% 50V		△ D908	6-501-817-01	DIODE MA2J1110GLS0	
△ C924	1-116-393-11	FILM 0.0033uF 5% 400V					
△ C925	1-100-566-91	CERAMIC CHIP 0.1uF 10% 25V		△ D909	6-501-817-01	DIODE MA2J1110GLS0	
△ C926	1-107-930-91	ELECT 22uF 20% 100V		△ D910	6-501-817-01	DIODE MA2J1110GLS0	
				△ D913	6-500-241-01	DIODE SARS03	
				△ D914	6-501-817-01	DIODE MA2J1110GLS0	
C927	1-112-223-11	ELECT 3300uF 20% 10V		D931	6-501-849-01	DIODE FMX-22SL	
				D942	6-502-518-01	DIODE 50PQSA065-FA9	
				D943	8-719-080-53	DIODE RK36LF-B3	
				△ D946	8-719-030-25	DIODE EG01CV0	
				D954	8-719-080-59	DIODE EK19-V0	

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POWER

Ref. No.	Part No.	Description	Remark
D955	8-719-080-59	DIODE EK19-V0	
△ DZ901	6-501-782-01	DIODE MAZ8180GMLS0	
△ DZ902	6-502-231-01	DIODE MAZ8220GLLS0	
△ DZ903	6-501-787-01	DIODE MAZ8220GMLS0	
△ DZ905	6-501-792-01	DIODE MAZ8300GMLS0 (EXCEPT CND,MX,TW)	
△ DZ905	8-719-083-71	DIODE UDZSUSTE-1730B (CND,MX,TW)	
△ DZ915	6-501-760-01	DIODE MAZ8100GMLS0	
△ DZ951	8-719-083-71	DIODE UDZSUSTE-1730B	
△ DZ954	8-719-083-71	DIODE UDZSUSTE-1730B (EXCEPT CND,MX,TW)	
< FUSE >			
△ F945	1-576-794-11	FUSE, MICRO (1608) 2A	
< FUSE HOLDER >			
FH901	1-533-217-41	HOLDER, FUSE	
FH902	1-533-217-41	HOLDER, FUSE	
< RESISTOR >			
△ FR929	1-246-373-11	FUSIBLE 1 10% 1/2W F	
< IC >			
△ IC901	6-707-741-01	IC STR-F6138-LF1352 (CND,MX,TW)	
△ IC901	6-707-742-01	IC STR-F6168-LF1352 (EXCEPT CND,MX,TW)	
△ IC921	6-714-671-01	IC STR-Y6763	
IC923	6-711-947-01	IC MM1431CURE	
IC932	6-711-947-01	IC MM1431CURE	
IC941	6-712-613-01	IC SI-3010KM-TLS	
< COIL >			
L931	1-457-878-65	COIL, CHOKE 2.2uH	
L954	1-457-578-11	COIL, CHOKE 10uH	
L956	1-457-578-11	COIL, CHOKE 10uH	
L964	1-457-725-11	COIL, CHOKE 4.7uH	
L967	1-457-725-11	COIL, CHOKE 4.7uH	
< LINE FILTER >			
△ LF901	1-457-054-21	COIL, LINE FILTER (EXCEPT CND,E32,EA,MX,TW)	
△ LF901	1-457-449-11	COIL, LINE FILTER (CND,E32,EA,MX,TW)	
△ LF902	1-457-054-21	COIL, LINE FILTER (EXCEPT CND,E32,EA,MX,TW)	
△ LF902	1-457-449-11	COIL, LINE FILTER (CND,E32,EA,MX,TW)	
< PHOTO COUPLER >			
△ PC901	6-600-276-01	PHOTO COUPLER PS2561AL1-1-V-V	
△ PC902	6-600-276-01	PHOTO COUPLER PS2561AL1-1-V-V	
△ PC903	6-600-276-01	PHOTO COUPLER PS2561AL1-1-V-V	
< TRANSISTOR >			
△ Q901	8-729-201-53	TRANSISTOR 2SA1015-GR	
△ Q922	6-550-702-01	TRANSISTOR 2SC3243-TP-E	
Q943	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q945	6-552-458-01	FET 2SK3577-T1B-AT	
Q949	8-729-620-13	TRANSISTOR 2SC4154TP-1EF	
Q950	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q969	6-551-699-01	TRANSISTOR ISA1602AM1TP-1EF	

Ref. No.	Part No.	Description	Remark
< RESISTOR >			
△ R901	1-219-759-11	METAL 1M 5% 1/2W F (CND,MX,TW)	
△ R901	1-240-938-91	METAL 1.5M 5% 1/2W F (EXCEPT CND,MX,TW)	
△ R903	1-250-297-65	METAL OXIDE 100K 5% 3W F (EXCEPT CND,MX,TW)	
△ R903	1-250-299-65	METAL OXIDE 33K 5% 3W F (CND,MX,TW)	
△ R904	1-250-297-65	METAL OXIDE 100K 5% 3W F (EXCEPT CND,MX,TW)	
△ R904	1-250-299-65	METAL OXIDE 33K 5% 3W F (CND,MX,TW)	
△ R905	1-216-797-11	METAL CHIP 10 5% 1/10W	
△ R906	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
△ R907	1-216-833-11	METAL CHIP 10K 5% 1/10W	
△ R908	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
△ R909	1-216-833-11	METAL CHIP 10K 5% 1/10W	
△ R910	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
△ R911	1-216-813-11	METAL CHIP 220 5% 1/10W	
△ R912	1-216-363-00	METAL OXIDE 0.33 5% 2W F (EXCEPT CND,MX,TW)	
△ R914	1-220-891-11	METAL 0.1 10% 5W F (EXCEPT CND,MX,TW)	
△ R914	1-248-180-11	METAL 0.034 5% 5W F (CND,MX,TW)	
△ R916	1-250-297-65	METAL OXIDE 100K 5% 3W F	
△ R917	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
△ R919	1-216-837-11	METAL CHIP 22K 5% 1/10W	
△ R922	1-250-262-41	METAL 0.39 5% 2W F	
△ R923	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	
△ R925	1-216-797-11	METAL CHIP 10 5% 1/10W	
△ R926	1-218-847-11	METAL CHIP 1K 0.5% 1/10W	
R931	1-216-864-11	SHORT CHIP 0	
R932	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	
R933	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R934	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R935	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R936	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R937	1-218-871-11	METAL CHIP 10K 0.5% 1/10W	
R938	1-218-847-11	METAL CHIP 1K 0.5% 1/10W	
R939	1-218-855-11	METAL CHIP 2.2K 0.5% 1/10W	
R940	1-218-871-11	METAL CHIP 10K 0.5% 1/10W	
R941	1-218-895-11	METAL CHIP 100K 0.5% 1/10W	
R942	1-218-871-11	METAL CHIP 10K 0.5% 1/10W	
R945	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R946	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
R949	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
△ R951	1-218-875-11	METAL CHIP 15K 0.5% 1/10W	
R952	1-216-864-11	SHORT CHIP 0	
R954	1-218-861-11	METAL CHIP 3.9K 0.5% 1/10W	
R955	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R956	1-216-817-11	METAL CHIP 470 5% 1/10W	
R957	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R958	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R959	1-218-871-11	METAL CHIP 10K 0.5% 1/10W	
R962	1-216-864-11	SHORT CHIP 0	
R963	1-218-839-11	METAL CHIP 470 0.5% 1/10W	
R965	1-216-864-11	SHORT CHIP 0	
R966	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R967	1-216-821-11	METAL CHIP 1K 5% 1/10W	

Note: When IC921 on the Power board is damaged, exchange the new Power board for the Power board which IC damaged.

Ref. No.	Part No.	Description	Remark
R972	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
R974	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
R976	1-216-833-11	METAL CHIP	10K 5% 1/10W
△ R978	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
△ R992	1-216-793-11	METAL CHIP	4.7 5% 1/10W
R998	1-218-855-11	METAL CHIP	2.2K 0.5% 1/10W
R999	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
< TRANSFORMER >			
△ T901	1-443-649-11	TRANSFORMER, CONVERTER (CND,MX,TW)	
△ T901	1-443-874-11	TRANSFORMER, CONVERTER (EXCEPT CND,MX,TW)	
△ T903	1-445-320-11	TRANSFORMER, CONVERTER	
< THERMISTOR >			
△ TH901	1-805-841-21	THERMISTOR, NTC 3.0 (CND,E32,EA,MX,TW)	
△ TH901	1-805-842-21	THERMISTOR, NTC 6.0 (EXCEPT CND,E32,EA,MX,TW)	
< VARISTOR >			
△ VDR901	1-802-839-11	VARISTOR	

SCART BOARD (TZ230/TZ630)			

< CAPACITOR >			
C4001	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C4002	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C4003	1-126-933-11	ELECT	100uF 20% 16V
C4004	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C4005	1-126-933-11	ELECT	100uF 20% 16V
C4006	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C4007	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C4008	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C4009	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C4010	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C4011	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C4012	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C4013	1-126-933-11	ELECT	100uF 20% 16V
C4014	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C4015	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C4016	1-126-933-11	ELECT	100uF 20% 16V
C4017	1-126-965-91	ELECT	22uF 20% 50V
C4018	1-126-916-11	ELECT	1000uF 20% 6.3V
C4019	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C4021	1-165-908-11	CERAMIC CHIP	1uF 10% 10V
C4022	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C4023	1-126-933-11	ELECT	100uF 20% 16V
C4032	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C4033	1-104-662-91	ELECT	22uF 20% 25V
C4035	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C4038	1-104-662-91	ELECT	22uF 20% 25V
< CONNECTOR >			
CN4000	1-816-044-11	CONNECTOR, SQUARE TYPE 21P (EURO AV ⇨ OUTPUT(TO TV))	
CN4018	1-779-285-11	CONNECTOR, FFC (LIF (NON-ZIF)) 17P	

Ref. No.	Part No.	Description	Remark
< DIODE >			
D4001	6-501-817-01	DIODE MA2J1110GLS0	
D4002	6-501-817-01	DIODE MA2J1110GLS0	
< IC >			
IC4000	6-710-470-01	IC MM1758AFBE	
< COIL >			
L4020	1-469-525-91	INDUCTOR 10uH	
< TRANSISTOR >			
Q4000	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q4001	8-729-029-06	TRANSISTOR DTC124EUA-T106	
Q4003	8-729-620-13	TRANSISTOR 2SC4154TP-1EF	
Q4005	6-551-469-01	TRANSISTOR RT3N33M-T111-1	
Q4006	6-551-691-01	TRANSISTOR RT3P11M-TP-1	
< RESISTOR >			
R4000	1-216-815-11	METAL CHIP 330 5% 1/10W	
R4001	1-216-815-11	METAL CHIP 330 5% 1/10W	
R4002	1-216-815-11	METAL CHIP 330 5% 1/10W	
R4003	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R4004	1-216-815-11	METAL CHIP 330 5% 1/10W	
R4005	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R4006	1-218-827-11	METAL CHIP 150 0.5% 1/10W	
R4007	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R4008	1-218-827-11	METAL CHIP 150 0.5% 1/10W	
R4009	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R4010	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R4011	1-218-827-11	METAL CHIP 150 0.5% 1/10W	
R4012	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R4013	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R4014	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R4015	1-218-827-11	METAL CHIP 150 0.5% 1/10W	
R4016	1-218-827-11	METAL CHIP 150 0.5% 1/10W	
R4017	1-218-827-11	METAL CHIP 150 0.5% 1/10W	
R4018	1-218-827-11	METAL CHIP 150 0.5% 1/10W	
R4019	1-218-827-11	METAL CHIP 150 0.5% 1/10W	
R4021	1-218-827-11	METAL CHIP 150 0.5% 1/10W	
R4022	1-216-809-11	METAL CHIP 100 5% 1/10W	
R4023	1-216-809-11	METAL CHIP 100 5% 1/10W	
R4024	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R4025	1-218-827-11	METAL CHIP 150 0.5% 1/10W	
R4026	1-218-827-11	METAL CHIP 150 0.5% 1/10W	
R4027	1-218-827-11	METAL CHIP 150 0.5% 1/10W	
R4033	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R4035	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R4037	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R4041	1-216-837-11	METAL CHIP 22K 5% 1/10W	

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Ver. 1.1

USB USB KEY

Ref. No.	Part No.	Description	Remark
		USB BOARD *****	
		< CAPACITOR >	
C5200	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
		< CONNECTOR >	
CN5200	1-822-423-11	CONNECTOR, USB (A) 4P (USB)	
CN5201	1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P	

		USB KEY BOARD *****	
		< CAPACITOR >	
C5111	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5112	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C5114	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
		< RESISTOR >	
R5125	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R5126	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R5127	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R5128	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R5129	1-216-864-11	SHORT CHIP 0	
		< ROTARY ENCODER >	
S5113	1-480-136-11	ENCODER, ROTARY (12 TYPE) (MASTER VOLUME)	
		< SWITCH >	
S5114	1-762-875-21	SWITCH, KEYBOARD (REC TO USB)	

		MISCELLANEOUS *****	
102	1-828-322-11	WIRE (FLAT TYPE) (11 CORE)	
104	1-828-955-11	WIRE (FLAT TYPE) (9 CORE)	
△ 106	1-834-288-12	CORD, POWER (TH)	
△ 106	1-834-966-41	CORD, POWER-SUPPLY (E3,E12,E32,PH,RU,SAF,SP,AEP)	
△ 106	1-835-068-21	CORD, POWER (AUS)	
△ 106	1-835-078-31	CORD, POWER (EA,HK,UK)	
△ 106	1-837-308-11	CORD, POWER-SUPPLY (CND)	
△ 106	1-837-312-11	CORD, POWER-SUPPLY (AR)	
△ 106	1-837-344-11	CORD, POWER-SUPPLY (MX)	
△ 106	1-837-345-11	CORD, POWER-SUPPLY (TW)	
△ 106	1-837-822-21	CORD, POWER-SUPPLY (CH)	
△ 107	1-569-008-33	ADAPTOR, CONVERSION (E32)	
109	1-823-718-11	WIRE (FLAT TYPE) (17 CORE) (TZ230/TZ630)	
152	1-828-291-11	WIRE (FLAT TYPE) (5 CORE)	
△ 207	8-820-321-12	OPTICAL PICK-UP (KHM-313CAA/C2RP1)	
208	1-828-773-51	WIRE (FLAT TYPE) (24 CORE)	
△ F901	1-533-311-12	FUSE, GLASS (DIA. 5) (8A/125V) (CND,MX,TW)	
△ F901	1-576-232-51	FUSE (H.B.C.) (5A/250V) (EXCEPT CND,E32,EA,MX,TW)	
△ F901	1-576-233-51	FUSE (H.B.C.) (6.3A/250V) (E32,EA)	
TU401	1-693-780-21	TUNER (FM) (ANTENNA) (EXCEPT CND,RU,SAF,AEP,UK,CH)	
TU401	1-693-781-21	TUNER (FM) (ANTENNA) (CND)	
TU401	1-693-788-21	TUNER (FM) (ANTENNA) (RU,SAF,AEP,UK,CH)	

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REVISION HISTORY

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