

DAEWOO

Service Manual

Model : RL-211W



DAEWOO ELECTRONICS CO., LTD.

MINI COMPONENT SYSTEM

RL-211W

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1. Safety Precautions

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

	CAUTION RISK OF ELECTRIC SHOCKS DO NOT OPEN	
CAUTION : TO REDUCE THE RISK IF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		
	THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.	
	THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.	

CAUTION
TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

LASER SAFETY
THIS UNIT EMPLOYS A LASER. ONLY QUALIFIED SERVICE PERSONNEL SHOULD REMOVE THE COVER OR ATTEMPT TO SERVICE THIS DEVICE DUE TO POSSIBLE EYE INJURY.

CAUTION : USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION : TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

ATTENTION : POUR EVITER LES CHOCs ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

Important Safety Instructions

- All the safety and operating instructions should be read before the appliance is operated.
 - The safety and operating instructions should be retained for future reference.
 - All warnings on the appliance and in the operating instructions should be adhered to.
 - All operating and use instructions should be followed.
1. Water and Moisture - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink,

laundry tub, in a wet basement, or near a swimming pool, and the like.

PORTABLE CART

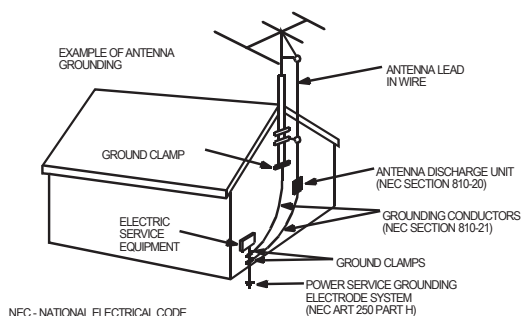


Figure 2

2. Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer.
3. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
4. Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
5. Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
6. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
7. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
8. Grounding or Polarization - The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.
9. Power - Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
10. Protective Attachment Plug - If the appliance is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
11. Cleaning - The appliance should be cleaned only as recommended by the manufacturer.
12. Power Lines - An outdoor antenna should be located away from power lines.

1. Safety Precautions

13. Outdoor Antenna Grounding - If an outside antenna is connected to the receiver be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes and requirements for the grounding electrode. See Figure 1.



14. Non-use Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

15. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

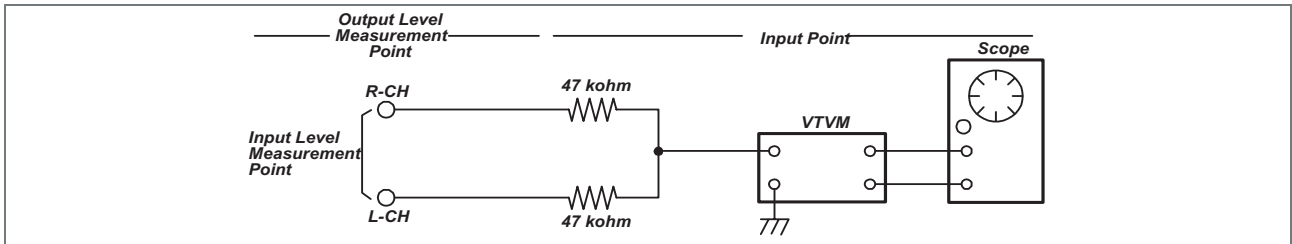
16. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

- a) The power-supply cord or the plug has been damaged; or
- b) Objects have fallen, or liquid has been spilled into the appliance; or
- c) The appliance has been exposed to rain; or
- d) The appliance does not appear to operate normally or exhibits a marked change in performance; or
- e) The appliance has been dropped, or the enclosure damaged.

17. Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

2. Adjustments

TAPE SECTION



Test Tape be used

Tape	Contents	Use
MTT-111N	3 KHz	Tape Speed Adjustment
MTT-114N	10 KHz	Head Azimuth Adjustment
MTT-5511	Blank	Record Frequency Property

HEAD ADJUSTMENT (AZIMUTH)

- 10KHz test tape(example: MTT-114N) must be used for this adjustment.
- Connect to VTVM or oscilloscope to the headphone jack or speaker terminal.
- Press the play button.
- Adjust the azimuth by using a screw driver to maintain the max. L&R output voltage.
- Adjust tape respectively, Please secure the azimuth position by using locking paint.

RECORDING BIAS OSCILLATOR FREQUENCY ADJUSTMENT

- Connect the frequency counter to TP603, GND.
- Press the REC button.
- Adjust L603 to obtain 80 KHz $\pm$ 500Hz

TAPE ALIGNMENT CHART								
Step	Item		Reference Value	Test Tape	Adjust Point	Test Point	Note	FIG.
1	Tape Speed Adjustment	Normal	3,015~3,025Hz	MTT-111N		Line Out L/R Channel	Confirm Wow & Flutter is within 0.35%	FIG.1
			3,000~3,010Hz	MTT-111N		Line Out L/R Channel	Confirm Tape Speed of end position after adjustment at tape start position	FIG.1
2	Azimuth Adjustment		Maximum Level Phase:Within90°	MTT-114N	Head Screw	Line Out L/R Channel		FIG.2,3,4
3	Recording Bias Oscillator Frequency Adjustment		80 KHz±0.5	MTT-5511	L603	TP603,GND	Adjust with frequency counter connected.	FIG.1

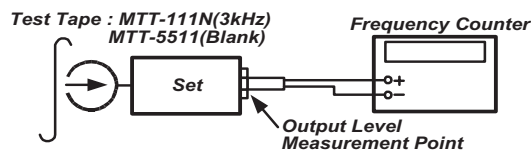


FIG. 1 : Tape Speed & Record Bias Oscillator Frequency Adjust Circuit

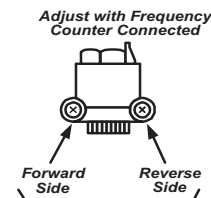


FIG. 2 : Tape Azimuth Adjust Location (Record/Playback Head)

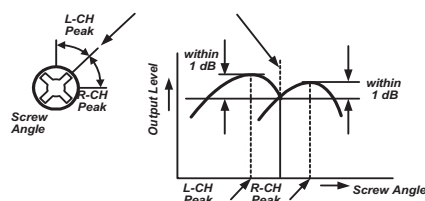


FIG. 3 : Tape Azimuth Adjust Head Screw & Waveform

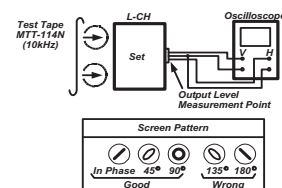
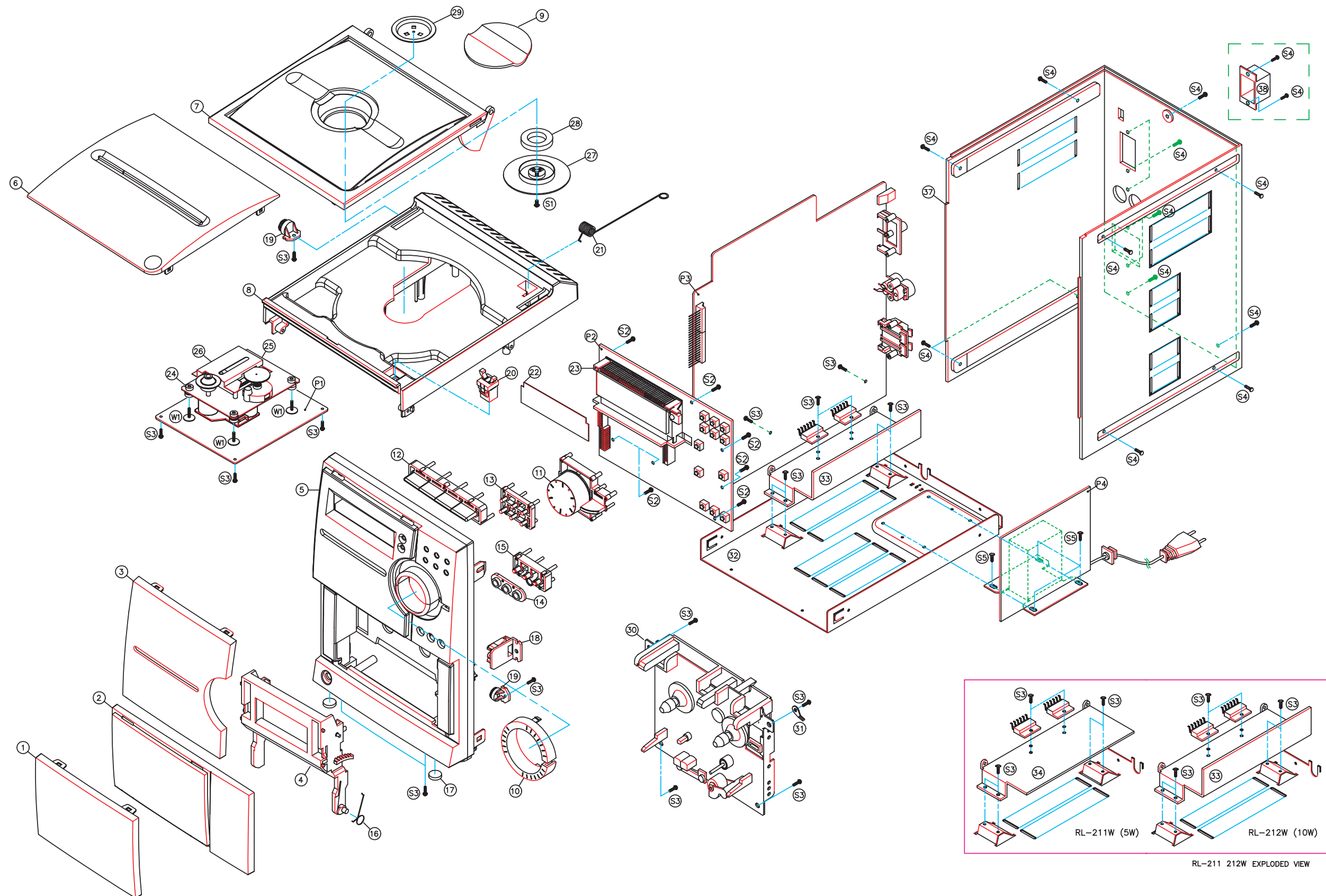


FIG. 4 : Tape Azimuth Adjust Circuit & Waveform

Exploded View and Mechanical Parts List

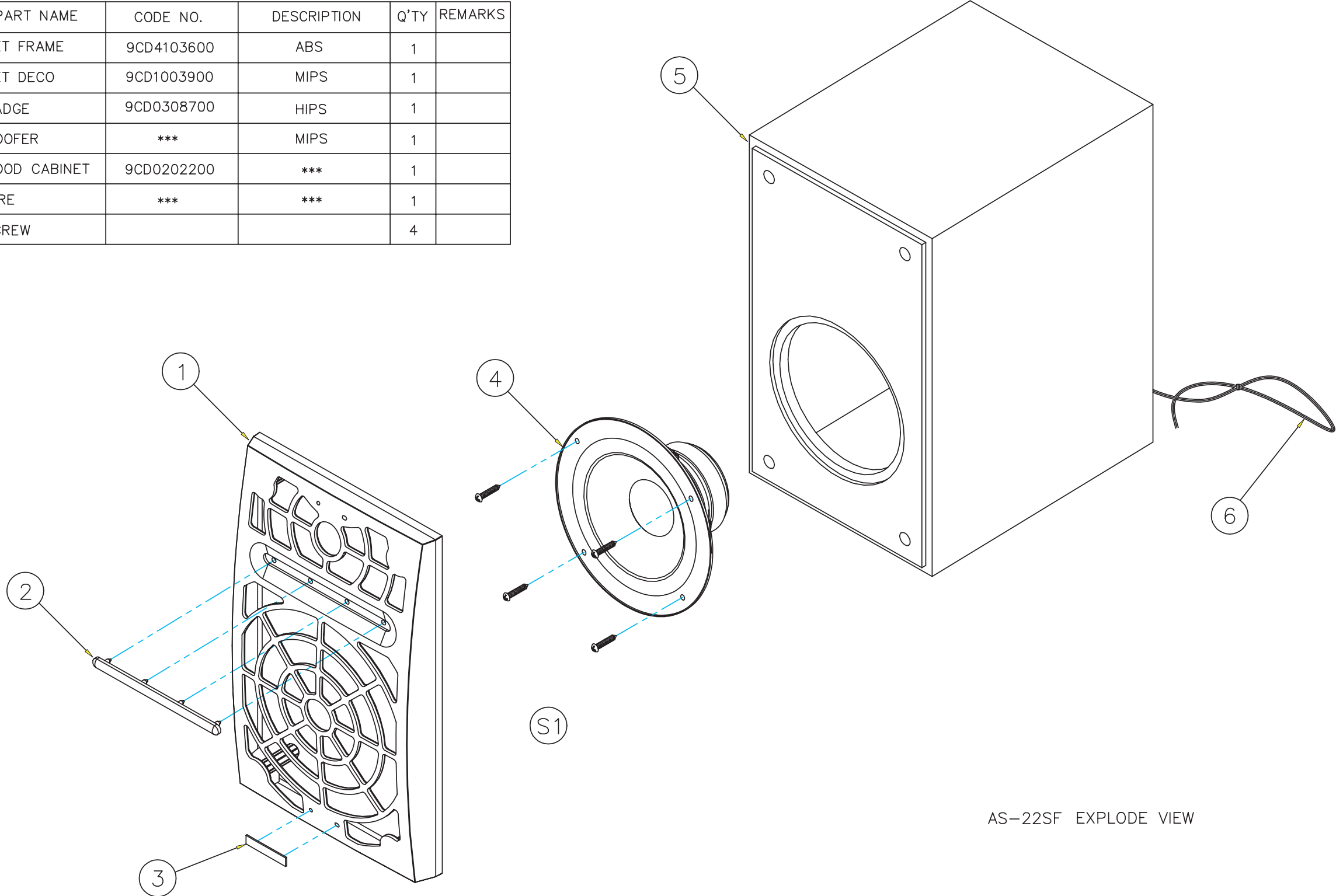
Model : RL-211W / RL-212W



Exploded View and Mechanical Parts List

Model : RL-211W / RL-212W
Ass'y Name : SPEAKER

NO.	PART NAME	CODE NO.	DESCRIPTION	Q'TY	REMARKS
1	NET FRAME	9CD4103600	ABS	1	
2	NET DECO	9CD1003900	MIPS	1	
3	BADGE	9CD0308700	HIPS	1	
4	WOOFER	***	MIPS	1	
5	WOOD CABINET	9CD0202200	***	1	
6	WIRE	***	***	1	
S1	SCREW			4	



AS-22SF EXPLODE VIEW

Exploded View and Mechanical Parts List

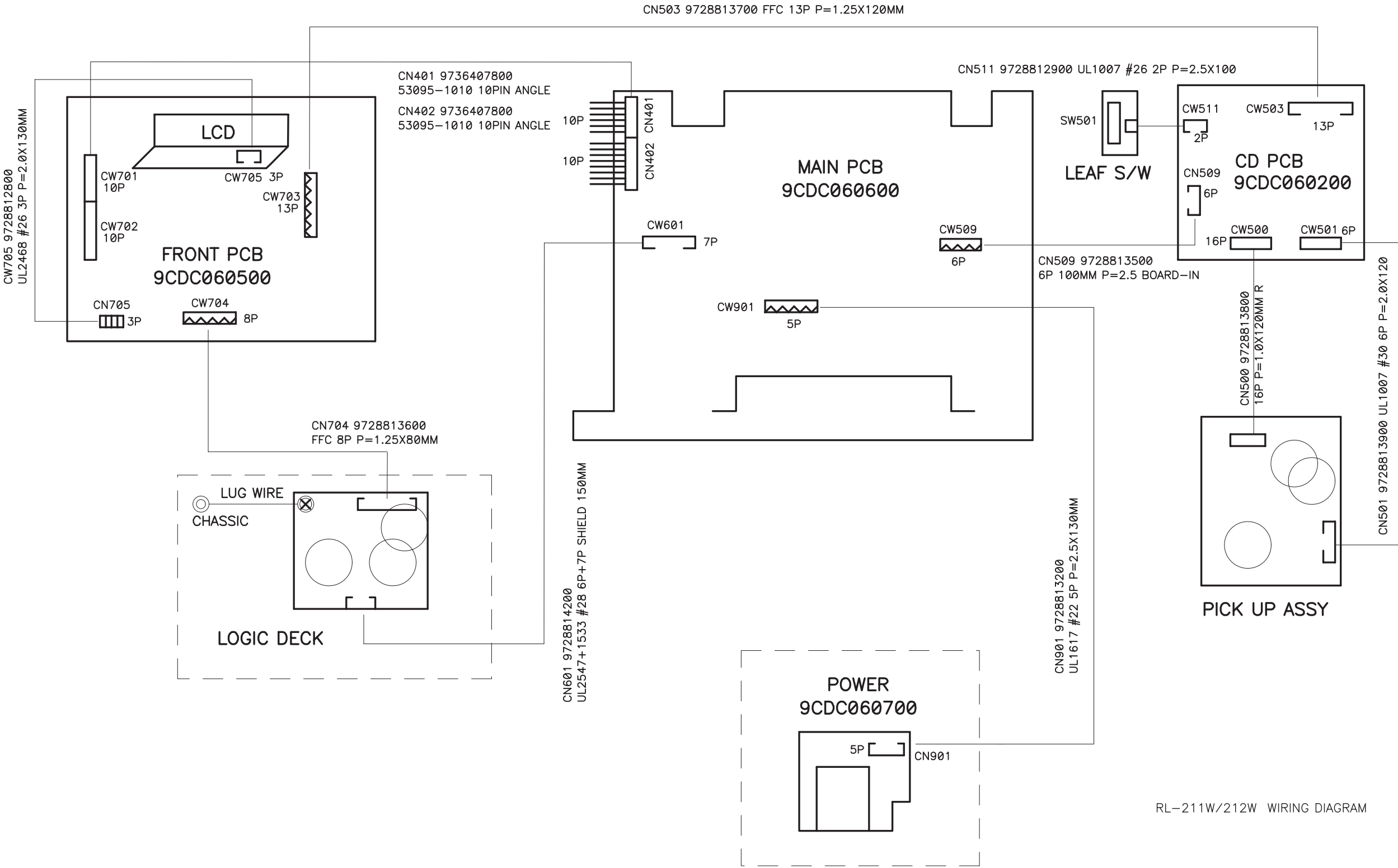
Model : RL-211W / RL-212W

NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
1	WINDOW CASS	9CD1618800	ACRYL	1	
2	DOOR COVER	9CD1813000	HIPS	1	
3	WINDOW LCD	9CD1619000	ACRYL	1	
4	DOOR FRAME	9CD0607600	MIPS	1	
5	PANEL FRONT	9CD0309600	HIPS	1	
6	WINDOW CD	9CD1618900	ACRYL	1	
7	DOOR CD	9CD1813100	HIPS	1	
8	CABI TOP	9CD0127100	HIPS	1	
9	COVER CD DOOR	9CD0413300	HIPS	1	
10	DECO VOL	9CD1003800	ACRYL	1	
11	KNOB VOL	9CD1346500	ABS	1	
12	KNOB CD	9CD1346400	ABS	1	
13	KNOB EQ	9CD1346600	ABS	1	
14	DECO FUNCTION	9CD1003700	ACRYL	1	
15	KNOB FUNCTION	9CD1346700	ABS	1	
16	SPRING DOOR EJECT	9CD3004500	PW-1	1	
17	CUSHION FOOT	9CD4207700	SILICON RUBBER	2	
18	LOCKER ASSY	9CD0B02100	ACETAL	1	
19	DAPMPER ASSY	9CD2603400	DA-12A	2	
20	PUSH LOCK SWITCH	5S40101A01	R8120125	1	
21	SPRING CD	9CD3008900	PW-1	1	
22	PLATE LCD	9CD0912400	PC T=0.15	1	
23	GUIDE LCD	9CD2507100	ABS	1	
24	CUSHION CD	97L4202301	RUBBER	4	
25	CD MECHANISM	9CD6007600	CMS-D73VG6	1	
26	COVER PICK UP	9CD0410800	PC	1	OPTION
27	CHUCK PLATE C	9CD2A00300	ABS	1	

NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
28	MAGNET	97L5400200	FERRITE	1	
29	CHUCK PLATE D	9CD2A00400	SECC	1	
30	CASS DECK MECHANISM	9CD6010500		1	AUTO STOP
31	EGG LUG			1	
32	CHASSIS BOTTOM	9CD0607700	SECC	1	
33	HEATSINK M1	9CD4406700	AL	1	RL-211W (5W)
34	HEATSINK M2	9CD4406800	AL	1	RL-212W (10W)
35	BACK CABI	9CD0127200	HIPS	1	
36	COVER ANT	9CD0413400	SECC	1	FTZ
NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
S1	SCREW TAPTTITE	7271200411	TT2BIN 2.0 X 4 MFZN	1	
S2	SCREW TAPTTITE	7173261011	TT2 BIN 2.6 X 10 MFZN	7	
S3	SCREW TAPTTITE	7173301011	TT2 BIN 3.0 X 10 MFZN	15	
S4	SCREW TAPTTITE	7173301212	TT2 BIN 3.0 X 12 BK	18	
S5	SCREW TAPTTITE	7173301612	TT2 BIN 4.0 X 6 MFZN	4	
W1	SCREW TAPTTITE	9CD3103600	TT2 WAS 2.6 X8MFZN	4	
NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
P1	PCB CD	9CD6585000		1	
P2	PCB FRONT	9CD6586000		1	
P3	PCB MAIN	9CD6586100		1	
P4	PCB POWER	9CD6586300		1	

Wiring Diagram

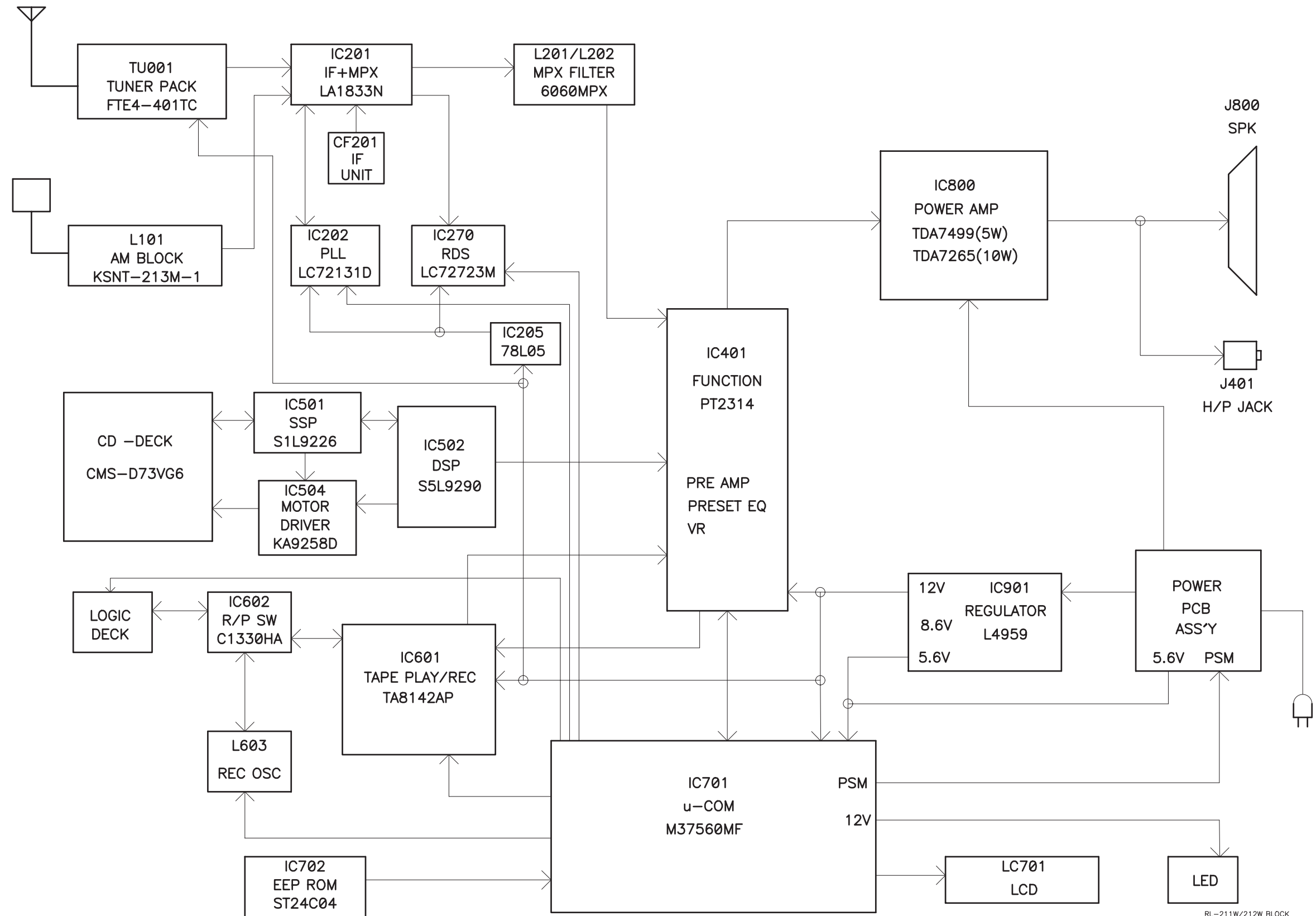
Model : RL-211W / RL-212W



RL-211W/212W WIRING DIAGRAM

Block Diagram

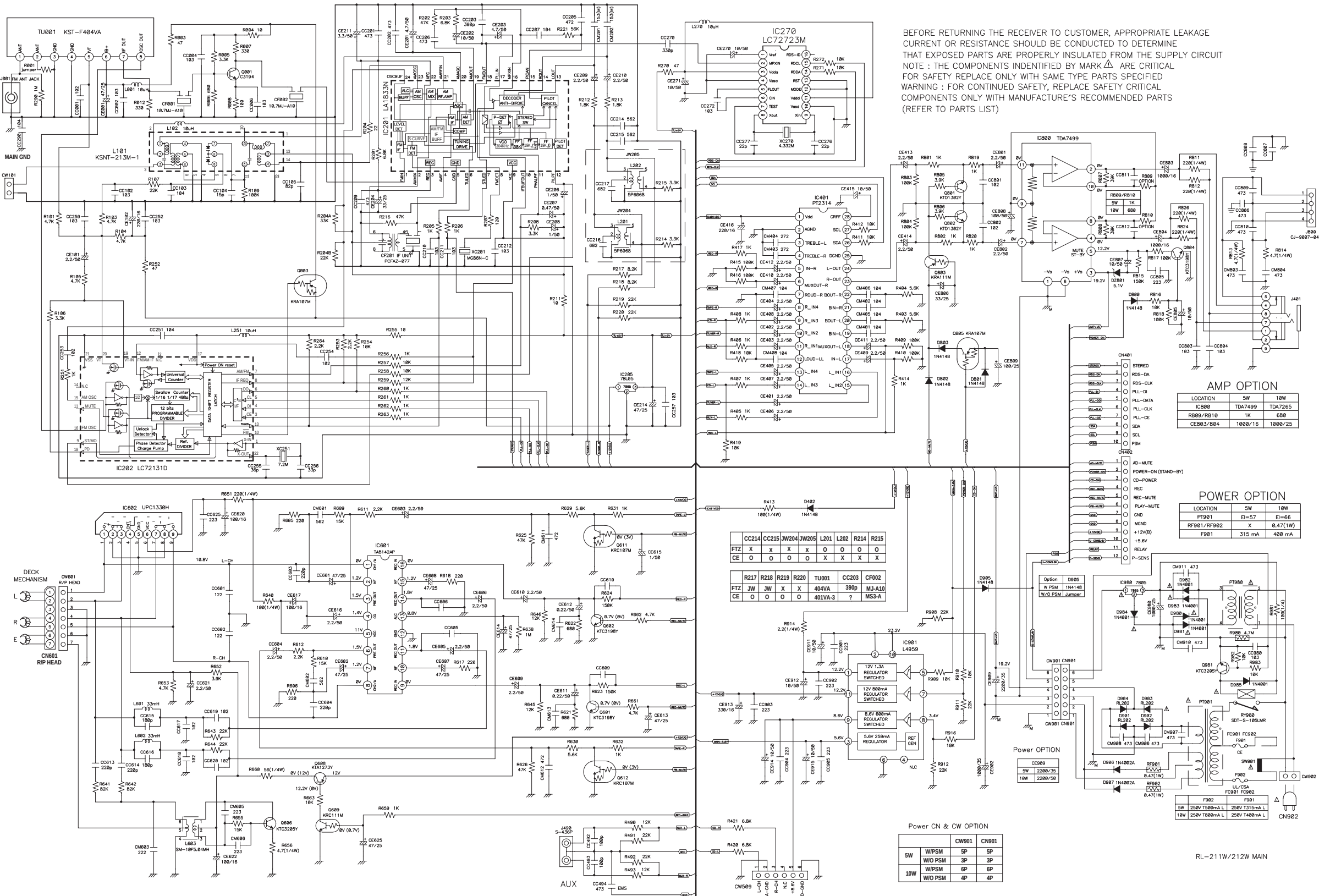
Model : RL-211W / RL-212W



RL-211W/212W BLOCK

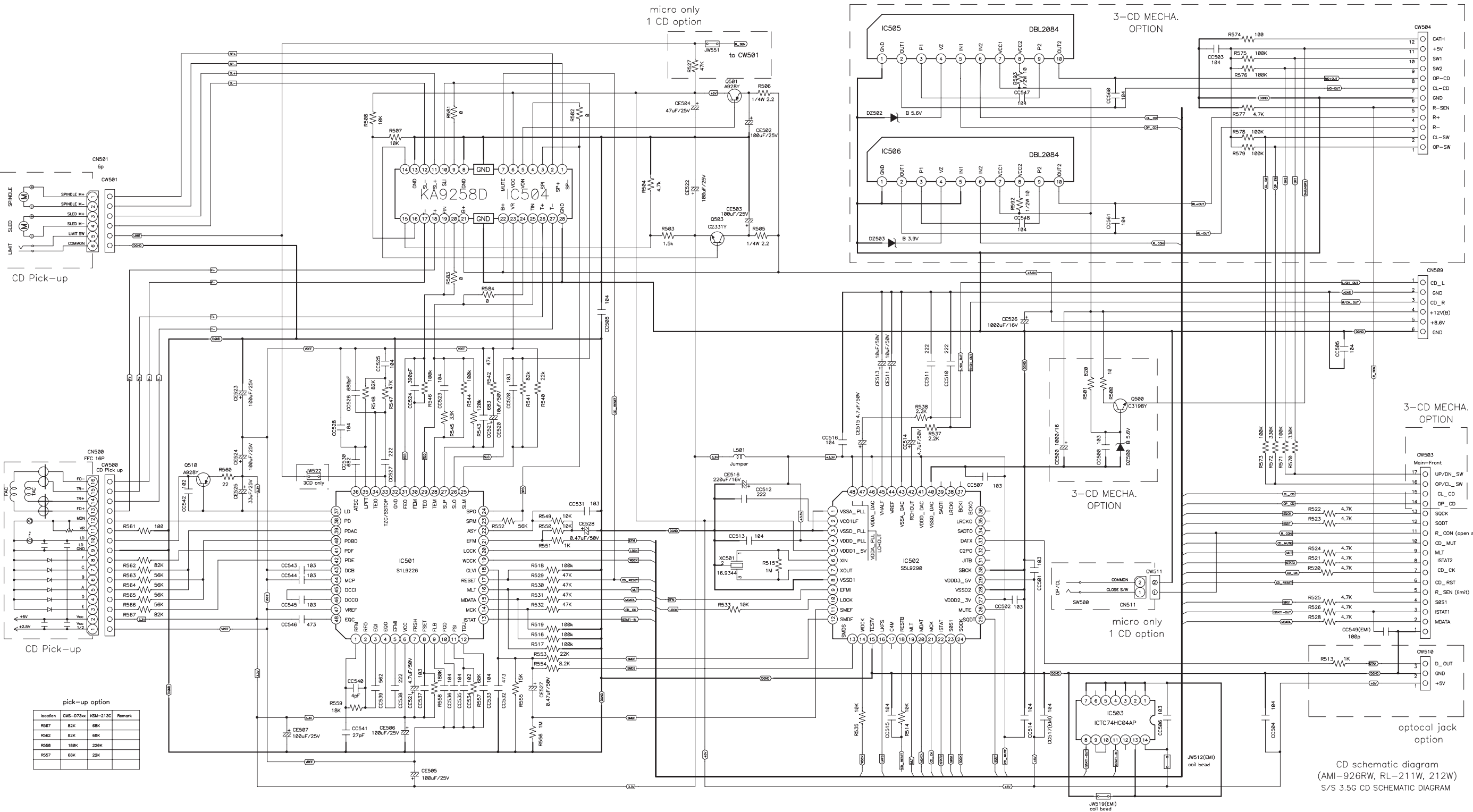
Schematic Diagram

Model : RL-211W / RL-212W
 Ass'y Name : MAIN



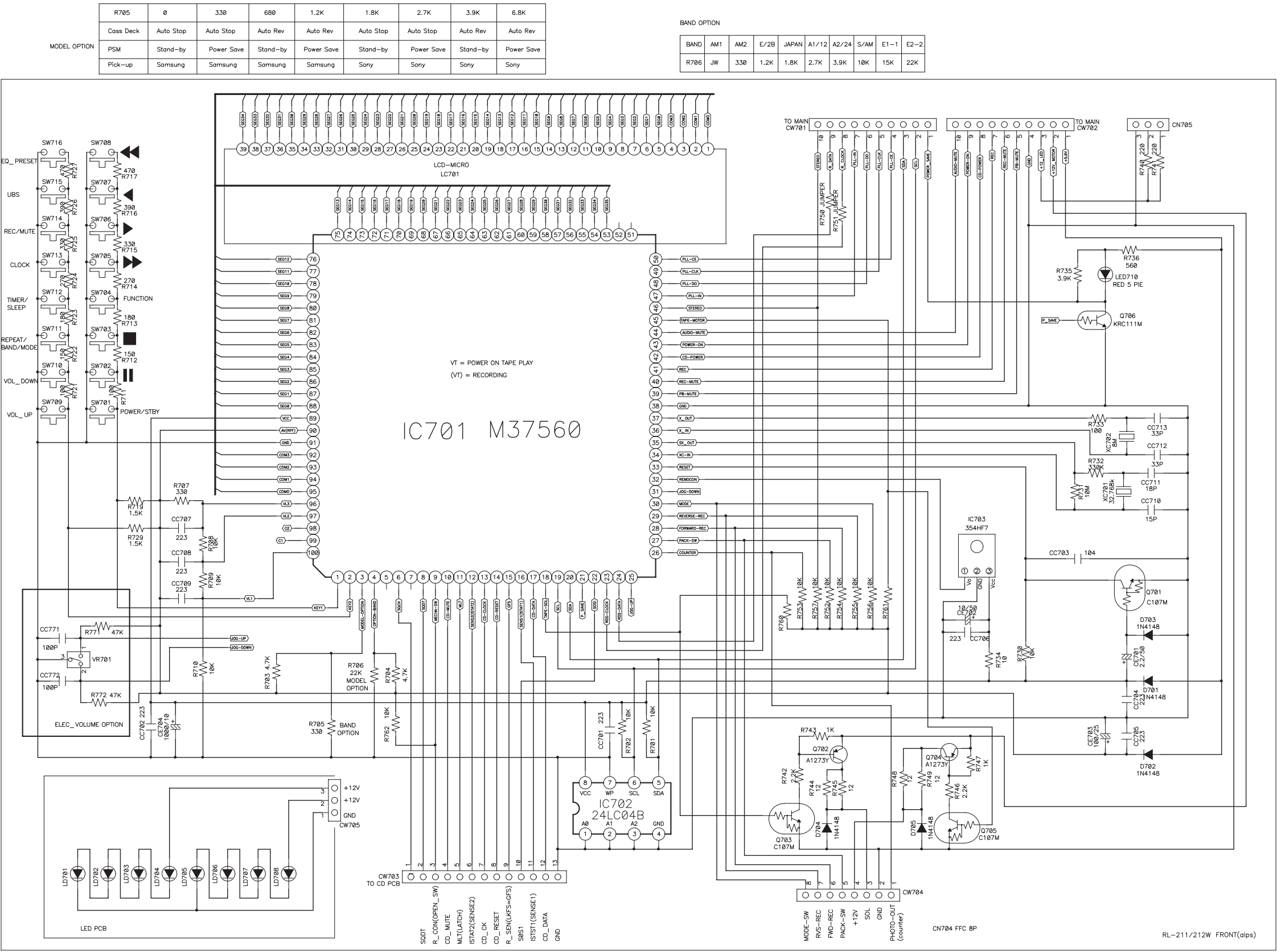
Schematic Diagram

Model : RL-211W / RL-212W
 Ass'y Name : CD



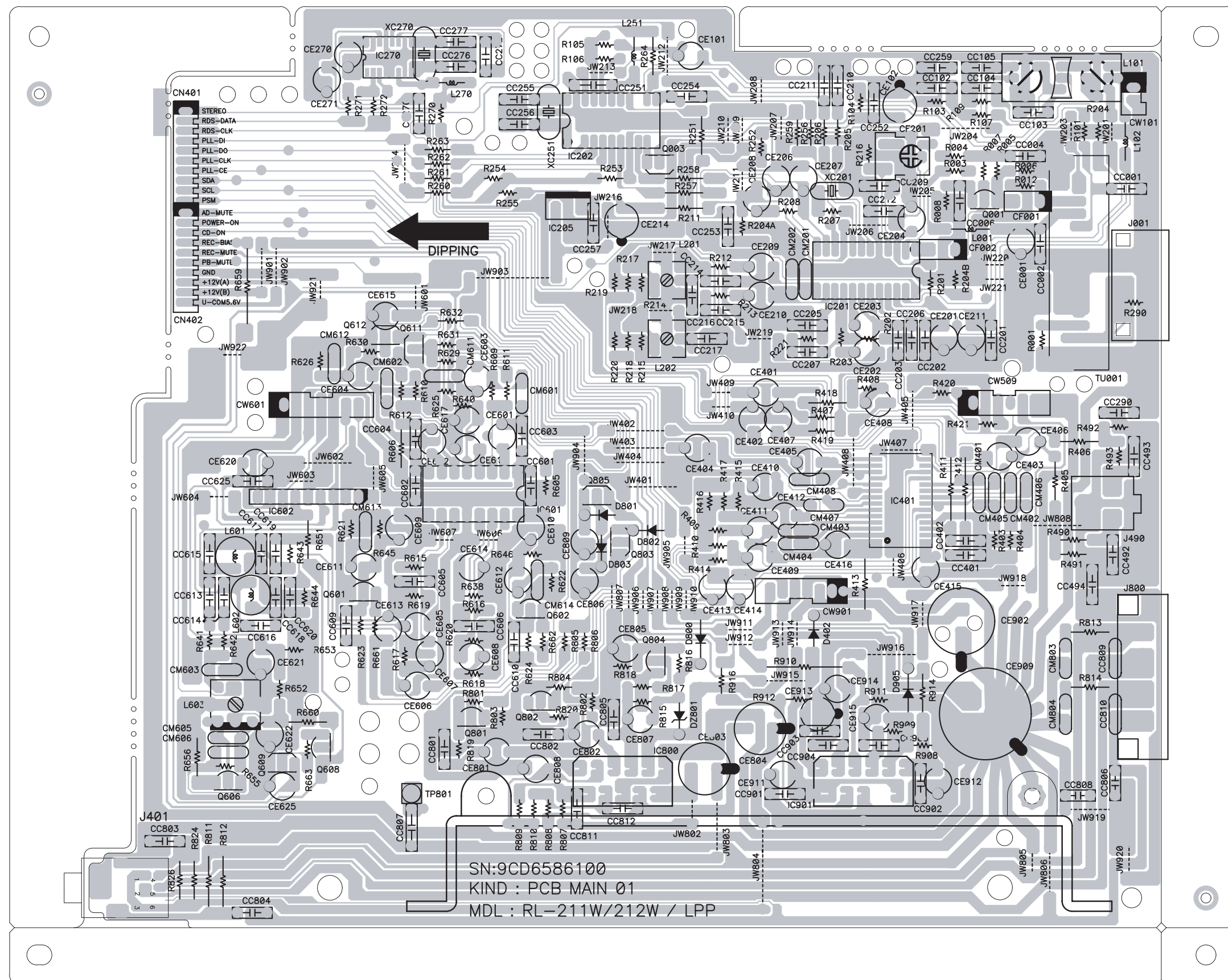
Schematic Diagram

Model : RL-211W / RL-212W
Ass'y Name : FRONT



Model : RL-211W / RL-212W

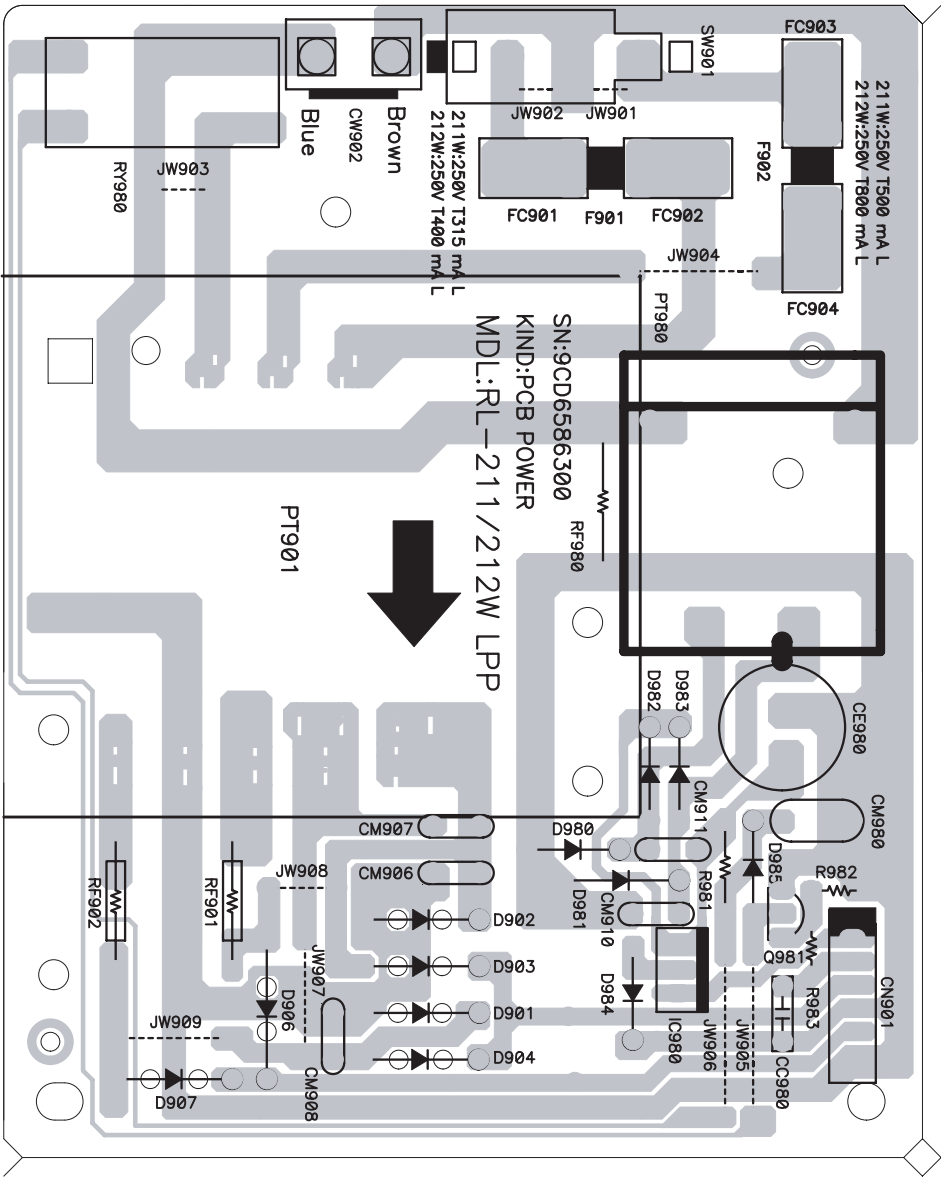
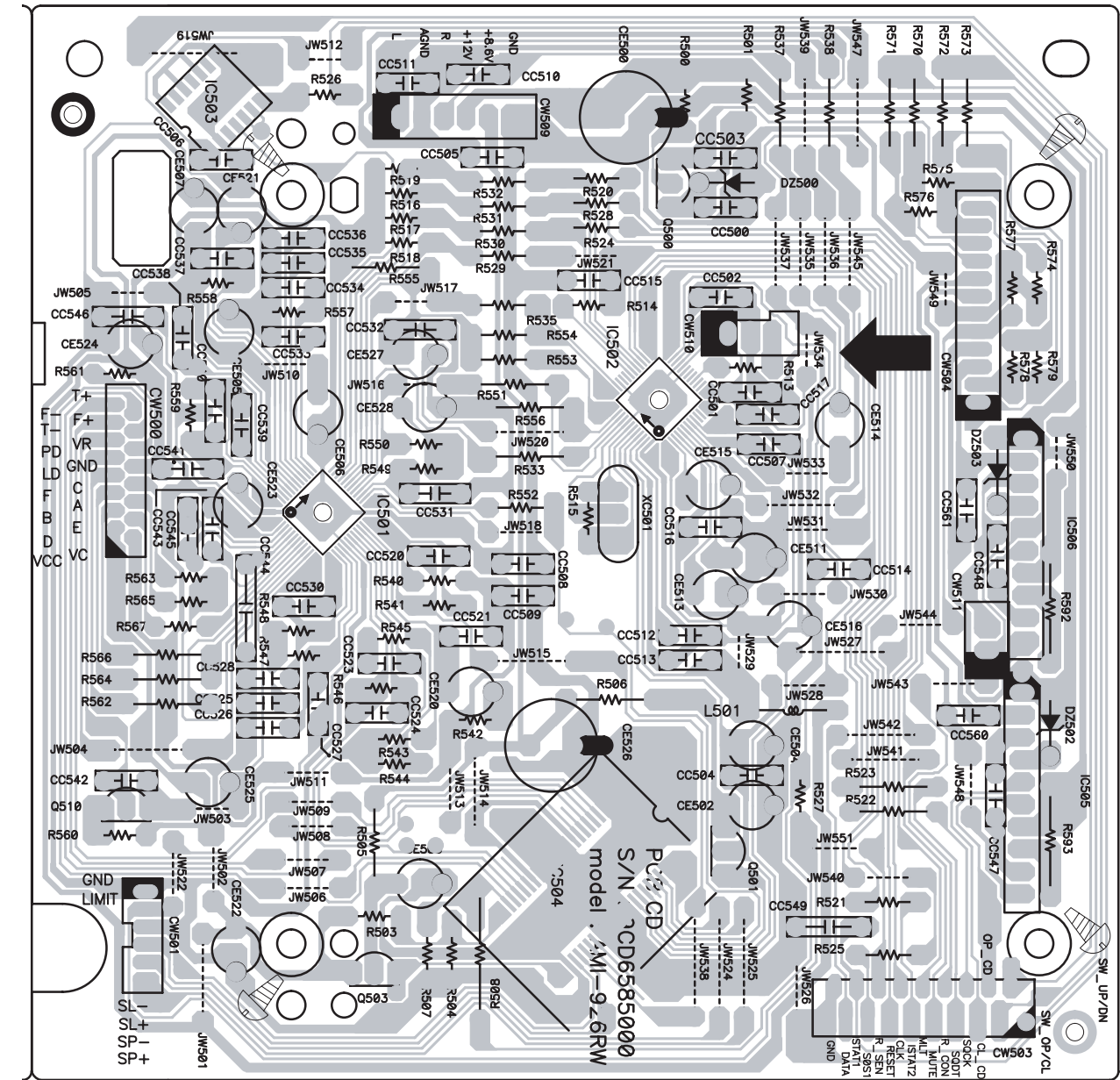
Ass'y Name : MAIN PCB



P.C.B Pattern Layout

Model : RL-211W / RL-212W
Ass'y Name : CD PCB

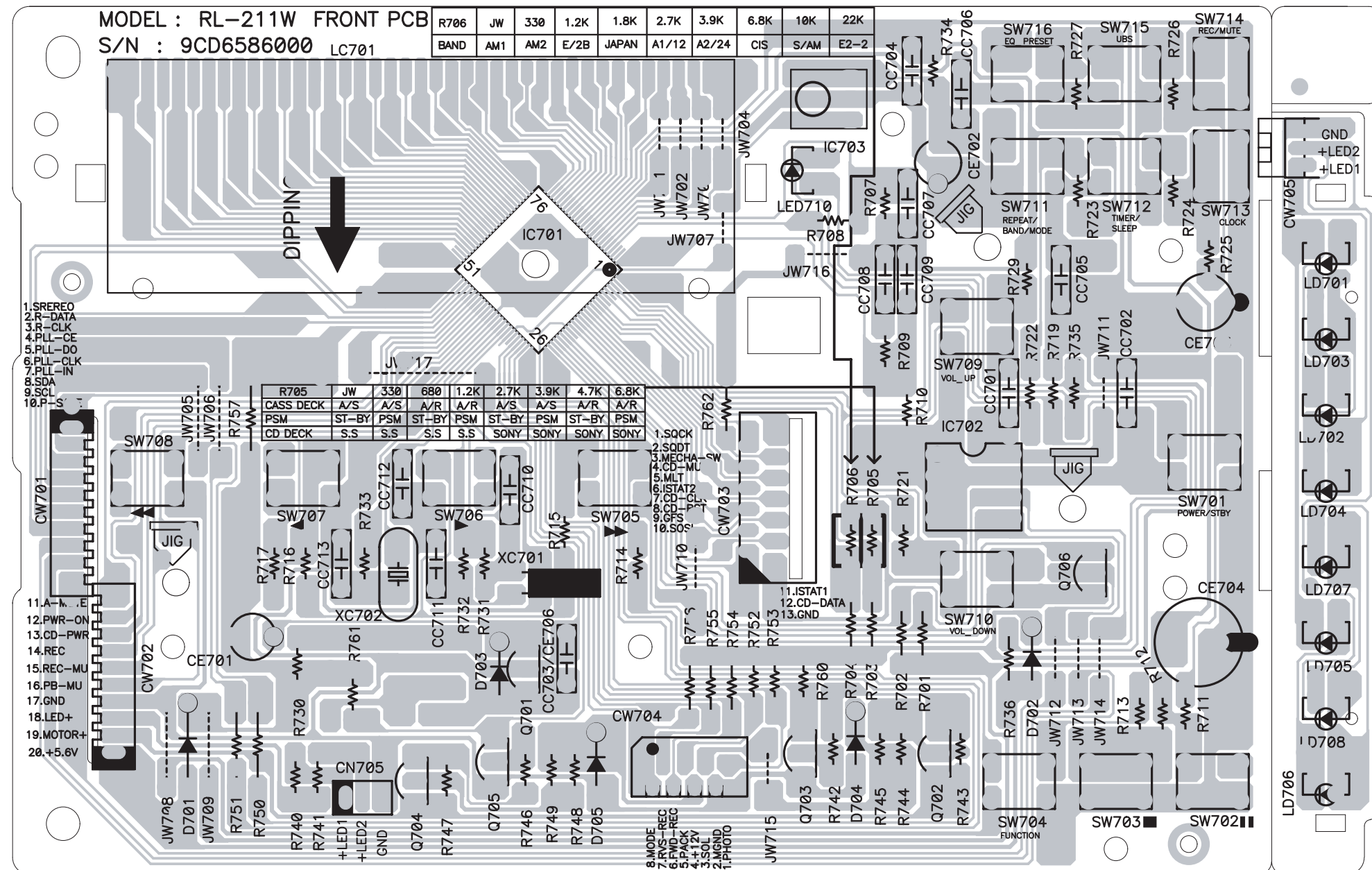
Model : RL-211W / RL-212W
Ass'y Name : POWER PCB



P.C.B Pattern Layout

Model : RL-211W / RL-212W

Ass'y Name : FRONT PCB



Electrical Parts List

Model : RL-211/212W

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	MODEL	
					RL-211W	RL-212W
1	AS MAIN PCB		9CDC060600		O	
2	AS MAIN PCB		9CDC061800			O
3	PCB MAIN	B001	9CD6586100	247X197X1.6T	O	O
4	C CERA	CC001	CCZB1H102K	50V B 1000PF K (AXIAL)	O	O
5	C CERA	CC002	CCZF1H103Z	50V F 0.01MF Z	O	O
6	C CERA	CC004	CCZF1H103Z	50V F 0.01MF Z	O	O
7	C CERA	CC006	CCZF1H103Z	50V F 0.01MF Z	O	O
8	C CERA	CC102	CCZF1H103Z	50V F 0.01MF Z	O	O
9	C CERA	CC103	CCZF1H104Z	HIKF 50V 0.1MF Z AXIAL	O	O
10	C CERA	CC104	CZCH1H150J	50V CH 15PF J (AXIAL)	O	O
11	C CERA	CC105	CZCH1H820J	CH 50V 82PF J AXL 52MM	O	O
12	C CERA	CC201-102	CCZF1H473Z	50V F 0.047MF Z	O	O
13	C CERA	CC203	CCZB1H391K	50V B 390PF K (AXIAL)	O	O
14	C CERA	CC205	CCZB1H562K	50V B 5600PF K(AXIAL)	O	O
15	C CERA	CC206	CCZF1H473Z	50V F 0.047MF Z	O	O
16	C CERA	CC207	CCZF1H104Z	HIKF 50V 0.1MF Z AXIAL	O	O
17	C CERA	CC209	CCZF1H473Z	50V F 0.047MF Z	O	O
18	C CERA	CC210-212	CCZF1H103Z	50V F 0.01MF Z	O	O
19	C CERA	CC214-215	CCZB1H562K	50V B 5600PF K(AXIAL)	O	O
20	C CERA	CC216-217	CCZB1H682K	50V HIKB 6800PF K AXIAL	O	O
21	C CERA	CC251	CCZF1H104Z	HIKF 50V 0.1MF Z AXIAL	O	O
22	C CERA	CC252	CCZF1H103Z	50V F 0.01MF Z	O	O
23	C CERA	CC253-254	CCZB1H102K	50V B 1000PF K (AXIAL)	O	O
24	C CERA	CC255	CZCH1H360J	CH 50V 36PF J AXIAL	O	O
25	C CERA	CC256	CZCH1H330J	CH 50V 33PF J AXIAL 52MM	O	O
26	C CERA	CC257	CCZF1H103Z	50V F 0.01MF Z	O	O
27	C CERA	CC259	CCZF1H103Z	50V F 0.01MF Z	O	O
28	C CERA	CC270	CCZB1H331K	50V B 330PF K (AXIAL)	O	O
29	C CERA	CC272	CCZF1H103Z	50V F 0.01MF Z	O	O
30	C CERA	CC276-277	CZCH1H220J	50V CH 22PF J (AXIAL)	O	O
31	C CERA	CC290	CCZF1H104Z	HIKF 50V 0.1MF Z AXIAL	O	O
32	C CERA	CC492-493	CZCH1H101J	CH 50V 100PF J AXL 52MM	O	O
33	C CERA	CC494	CCZF1H473Z	50V F 0.047MF Z	O	O
34	C CERA	CC601-602	CCXB1H122K	50V B 1200PF K (TAPPING)	O	O
35	C CERA	CC603-604	CCZB1H221K	50V B 220PF K (AXIAL)	O	O
36	C CERA	CC613-614	CCZB1H221K	50V B 220PF K (AXIAL)	O	O
37	C CERA	CC615-616	CCZB1H181K	50V B 180PF K (AXIAL)	O	O
38	C CERA	CC617-620	CCZB1H102K	50V B 1000PF K (AXIAL)	O	O
39	C CERA	CC625	CCZF1H223Z	50V F 0.022MF Z	O	O
40	C CERA	CC801-802	CCZB1H102K	50V B 1000PF K (AXIAL)	O	O
41	C CERA	CC803-804	CCZF1H103Z	50V F 0.01MF Z	O	O
42	C CERA	CC805	CCZF1H223Z	50V F 0.022MF Z	O	O
43	C CERA	CC806	CCZF1H473Z	50V F 0.047MF Z	O	O
44	C CERA	CC809-810	CCZF1H473Z	50V F 0.047MF Z	O	O
45	C CERA	CC901-905	CCZF1H223Z	50V F 0.022MF Z	O	O
46	C ELECTRO	CE001	CEXF1E470V	25V RSS 47MF (5X11) TP	O	O
47	C ELECTRO	CE101	CEXF1H229V	50V RSS 2.2MF (5X11) TP	O	O
48	C ELECTRO	CE102	CEXF1C221V	16V RSS 220MF (8X11.5) TP	O	O
49	C ELECTRO	CE201	CEXF1H479V	50V RSS 4.7MF (5X11) TP	O	O
50	C ELECTRO	CE202	CEXF1H100V	50V RSS 10MF (5X11) TP	O	O
51	C ELECTRO	CE203	CEXF1H479V	50V RSS 4.7MF (5X11) TP	O	O
52	C ELECTRO	CE204	CEXF1E330V	25V RSS 33MF (5X11) TP	O	O
53	C ELECTRO	CE206	CEXF1H109V	50V RSS 1MF (5X11) TP	O	O
54	C ELECTRO	CE207	CEXF1H478V	50V RSS 0.47MF (5X11) TP	O	O
55	C ELECTRO	CE208	CEXF1H109V	50V RSS 1MF (5X11) TP	O	O
56	C ELECTRO	CE209-210	CEXF1H229V	50V RSS 2.2MF (5X11) TP	O	O
57	C ELECTRO	CE211	CEXF1H339V	50V RSS 3.3MF (5X11) TP	O	O
58	C ELECTRO	CE214	CEXF1E470V	25V RSS 47MF (5X11) TP	O	O
59	C ELECTRO	CE270-271	CEXF1H100V	50V RSS 10MF (5X11) TP	O	O
60	C ELECTRO	CE401-414	CEXF1H229V	50V RSS 2.2MF (5X11) TP	O	O
61	C ELECTRO	CE415	CEXF1H100V	50V RSS 10MF (5X11) TP	O	O
62	C ELECTRO	CE416	CEXF1C221V	16V RSS 220MF (8X11.5) TP	O	O
63	C ELECTRO	CE601-602	CEXF1E470V	25V RSS 47MF (5X11) TP	O	O
64	C ELECTRO	CE603-606	CEXF1H229V	50V RSS 2.2MF (5X11) TP	O	O
65	C ELECTRO	CE607-608	CEXF1E470V	25V RSS 47MF (5X11) TP	O	O
66	C ELECTRO	CE609-610	CEXF1H229V	50V RSS 2.2MF (5X11) TP	O	O
67	C ELECTRO	CE611-612	CEXF1H228V	50V RSS 0.22MF (5X11) TP	O	O
68	C ELECTRO	CE613-614	CEXF1E470V	25V RSS 47MF (5X11) TP	O	O
69	C ELECTRO	CE615	CEXF1H109V	50V RSS 1MF (5X11) TP	O	O
70	C ELECTRO	CE616	CEXF1H229V	50V RSS 2.2MF (5X11) TP	O	O
71	C ELECTRO	CE617	CEXF1C101V	16V RSS 100MF (6.3X11) TP	O	O
72	C ELECTRO	CE620	CEXF1C101V	16V RSS 100MF (6.3X11) TP	O	O
73	C ELECTRO	CE621	CEXF1H229V	50V RSS 2.2MF (5X11) TP	O	O
74	C ELECTRO	CE622	CEXF1C101V	16V RSS 100MF (6.3X11) TP	O	O
75	C ELECTRO	CE625	CEXF1E470V	25V RSS 47MF (5X11) TP	O	O
76	C ELECTRO	CE801-802	CEXF1H229V	50V RSS 2.2MF (5X11) TP	O	O
77	C ELECTRO	CE803-804	CEXF1C102V	16V RSS 1000MF (10X20)	O	
78	C ELECTRO	CE803-804	CEXF1E102V	25V RSS 1000MF (10X22)		O
79	C ELECTRO	CE805	CEXF1H100V	50V RSS 10MF (5X11) TP	O	O
80	C ELECTRO	CE806	CEXF1E330V	25V RSS 33MF (5X11) TP	O	O
81	C ELECTRO	CE807	CEXF1H100V	50V RSS 10MF (5X11) TP	O	O
82	C ELECTRO	CE808	CEXF1H101V	50V RSS 100MF (8X11.5) TP	O	O
83	C ELECTRO	CE809	CEXF1E101V	25V RSS 100MF (6.3X11) TP	O	O
84	C ELECTRO	CE902	CEYF1V102V	35V RSS 1000MF (13X25)	O	O
85	C ELECTRO	CE909	CEXF1V222V	35V RSS 2200MF 16X31.5	O	
86	C ELECTRO	CE909	CEXF1H222V	50V RSS 2200MF 16X35		O
87	C ELECTRO	CE911-915	CEXF1H100V	50V RSS 10MF (5X11) TP	O	O
88	C ELECTRO	CE913	CEXF1C331V	16V RSS 330MF (8X11.5) TP	O	O
89	FILTER CERA	CF001-002	5PE107MJA-	SFE 10.7MHZ RED	O	O
90	FILTER	CF201	5PPCAZ077	PCFAZ077	O	O
91	C MYLAR	CM201-202	CMXM1H153J	50V 0.015MF J (TP)	O	O
92	C MYLAR	CM401-402	CMXM1H104J	50V 0.1MF J	O	O
93	C MYLAR	CM403-404	CMXM1H272J	50V 2700PF J	O	O
94	C MYLAR	CM405-408	CMXM1H104J	50V 0.1MF J	O	O
95	C MYLAR	CM601-602	CMXM1H562J	50V 5600 PF J	O	O
96	C MYLAR	CM603	CMXM1H222J	50V 2200PF J	O	O
97	C MYLAR	CM605-606	CMXM1H223J	50V 0.022MF J	O	O
98	C MYLAR	CM611-612	CMXM1H472J	50V 0.0047MF J	O	O
99	C MYLAR	CM803-804	CMXM1H473J	50V 0.047MF J	O	O
100	CONN PIN	CN401	9736407800	53095-1010 10PIN ANGLE	O	O
101	CONN PIN	CN402	9736407800	53095-1010 10PIN ANGLE	O	O
102	CONN AS	CN601	9728814200	UL2547+1533 #28 6P+7P SHIELD	O	O
103	CONN WAFER	CW101	9CD6258800	2P S2B-XH-A	O	O
104	CONN AS	CW509	9728813500	6P 100MM P=2.5 BOARD-IN	O	O
105	CONN AS	CW601	9728814200	UL2547+1533 #28 6P+7P SHIELD	O	O
106	CONN AS	CW901	9728813200	UL1617 #22 5P P=2.5X140M	O	
107	CONN AS	CW901	9728813300	UL1617 #22 6P P=2.5X140M		O
108	DIODE	D402	DZN4148---	1N4148 AUTO 52MM	O	O
109	DIODE	D800-803	DZN4148---	1N4148 AUTO 52MM	O	O
110	DIODE	D905	DZN4148---	1N4148 AUTO 52MM	O	O
111	ZENER DIODE	DZ801	DZT25R1A---	5.1V	O	O
112	IC	IC201	1LA1833N--	LA1833N	O	O
113	IC	IC202	1LC72131D-	LC72131D	O	O
114	IC REGULATOR	IC205	1KA78L05AZ	KA78L05AZ	O	O
115	IC	IC270	1LC72723M-	LC72723M	O	O
116	IC FUNCTION	IC401	1PT2314---	PT2314	O	O
117	IC AUDIO	IC601	1TA8142AP-	TA8142AP	O	
118	IC	IC602	1UPC1330HA	UPC1330HA	O	O
119	IC	IC800	1TDA7499--	TDA7499	O	
120	IC	IC800	1TDA7265--	TDA7265		O
121	IC	IC901	1L4959----	L4959	O	O
122	JACK ANT	J001	9736324900	IF-A	O	O
123	JACK H/P	J401	9736323200	HTJ035-13AB GOLD	O	O
124	JACK RCA	J490	9CD6313700	S-436P	O	O
125	JACK SPEAKER	J800	9736320500	CJ-9007-040	O	O
126	WIRE JUMPER	JW201	W581GY6095	AWG22 1/0.65 SN 6 AUTO	O	O
127	WIRE JUMPER	JW203	W581GY6095	AWG22 1/0.65 SN 6 AUTO	O	O
128	WIRE JUMPER	JW204	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	O	O
129	WIRE JUMPER	JW205	W581GY6095	AWG22 1/0.65 SN 6 AUTO	O	O
130	WIRE JUMPER	JW206	W581GY1005	AWG22 1/0.65 SN 10 AUTO	O	O
131	WIRE JUMPER	JW207-210	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	O	O
132	WIRE JUMPER	JW211	W581GY6095	AWG22 1/0.65 SN 6 AUTO	O	O
133	WIRE JUMPER	JW212	W581GY1005	AWG22 1/0.65 SN 10 AUTO	O	O
134	WIRE JUMPER	JW213	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	O	O
135	WIRE JUMPER	JW214	W581GY1005	AWG22 1/0.65 SN 10 AUTO	O	O
136	WIRE JUMPER	JW216	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	O	O
137	WIRE JUMPER	JW219	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	O	O
138	WIRE JUMPER	JW220-221	W581GY6095	AWG22 1/0.65 SN 6 AUTO	O	O
139	WIRE JUMPER	JW401-404	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	O	O
140	WIRE JUMPER	JW405	W581GY1005	AWG22 1/0.65 SN 10 AUTO	O	O
141	WIRE JUMPER	JW406	W581GY6095	AWG22 1/0.65 SN 6 AUTO	O	O
142	WIRE JUMPER	JW407	W581GY1005	AWG22 1/0.65 SN 10 AUTO	O	O

Electrical Parts List

Model : RL-211/212W

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	MODEL	
					RL-211W	RL-212W
143	WIRE JUMPER	JW408	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	0	0
144	WIRE JUMPER	JW409~410	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
145	WIRE JUMPER	JW601	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
146	WIRE JUMPER	JW602	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	0	0
147	WIRE JUMPER	JW603	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
148	WIRE JUMPER	JW604	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
149	WIRE JUMPER	JW605	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
150	WIRE JUMPER	JW606~607	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
151	WIRE JUMPER	JW802	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
152	WIRE JUMPER	JW803	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	0	0
153	WIRE JUMPER	JW804	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	0	0
154	WIRE JUMPER	JW805	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
155	WIRE JUMPER	JW806	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
156	WIRE JUMPER	JW807	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
157	WIRE JUMPER	JW808	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	0	0
158	WIRE JUMPER	JW901~902	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
159	WIRE JUMPER	JW903	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	0	0
160	WIRE JUMPER	JW904	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
161	WIRE JUMPER	JW905~910	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
162	WIRE JUMPER	JW911~914	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
163	WIRE JUMPER	JW915	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
164	WIRE JUMPER	JW916	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	0	0
165	WIRE JUMPER	JW917~918	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
166	WIRE JUMPER	JW919	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
167	WIRE JUMPER	JW920	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
168	WIRE JUMPER	JW921~922	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
169	COIL PEAKING	L001	5CP2100K02	10UH K (AXIAL 3.5MM)	0	0
170	AM RF UNIT	L101	5LR0000835	KSNT-213M-1	0	0
171	COIL PEAKING	L102	5CP2100K02	10UH K (AXIAL 3.5MM)	0	0
172	COIL	L201~202	5P076068--	6068MPX	0	0
173	COIL PEAKING	L251	5CP2100K02	10UH K (AXIAL 3.5MM)	0	0
174	COIL PEAKING	L270	5CP2100K02	10UH K (AXIAL 3.5MM)	0	0
175	COIL CHOKE	L601~602	5LC333K804	33MH K	0	0
176	COIL BIAS OSC	L603	5L0503K643	SM-10F 5.04MH	0	0
177	TR	Q001	TZTC3194Y-	KTC3194Y	0	0
178	TR	Q003	TKRA107M--	KRA107M (KSR2006)	0	0
179	TRANSISTOR	Q601~602	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	0	0
180	TR	Q606	TZTC3205Y-	KTC3205Y (2236Y)	0	0
181	TR	Q608	TZTA1273Y-	KTAA1273Y(966Y)	0	0
182	TR	Q609	TKRC111M--	KRC111M (KSR1010)	0	0
183	TR	Q611~612	TKRC107M--	KRC 107-M (TAPPING)	0	0
184	TR	Q801~802	TZTD1302Y-	KTD1302Y AUTO	0	0
185	TR	Q803	TKRA111M--	KRA 111-M (TAPPING)	0	0
186	TRANSISTOR	Q804	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	0	0
187	TR	Q805	TKRA107M--	KRA107M (KSR2006)	0	0
188	WIRE JUMPER	R001	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
189	R CARBON FILM	R003	RD-AZ470J-	1/6 47 OHM J	0	0
190	R CARBON FILM	R004	RD-AZ100J-	1/6 10 OHM J	0	0
191	R CARBON FILM	R005	RD-AZ332J-	1/6 3.3K OHM J	0	0
192	R CARBON FILM	R006	RD-AZ681J-	1/6 680 OHM J	0	0
193	R CARBON FILM	R007	RD-AZ331J-	1/6 330 OHM J	0	0
194	R CARBON FILM	R008	RD-AZ101J-	1/6 100 OHM J	0	0
195	R CARBON FILM	R012	RD-AZ331J-	1/6 330 OHM J	0	0
196	R CARBON FILM	R101	RD-AZ472J-	1/6 4.7K OHM J	0	0
197	R CARBON FILM	R103~105	RD-AZ472J-	1/6 4.7K OHM J	0	0
198	R CARBON FILM	R106	RD-AZ332J-	1/6 3.3K OHM J	0	0
199	R CARBON FILM	R107	RD-AZ223J-	1/6 22K OHM J	0	0
200	R CARBON FILM	R109	RD-AZ104J-	1/6 100K OHM J	0	0
201	R CARBON FILM	R201	RD-AZ682J-	1/6 6.8K OHM J	0	0
202	R CARBON FILM	R202	RD-AZ473J-	1/6 47K OHM J	0	0
203	R CARBON FILM	R203	RD-AZ682J-	1/6 6.8K OHM J	0	0
204	R CARBON FILM	R204	RD-AZ220J-	1/6 22 OHM J	0	0
205	R CARBON FILM	R204B	RD-AZ223J-	1/6 22K OHM J	0	0
206	R CARBON FILM	R205~206	RD-AZ102J-	1/6 1K OHM J	0	0
207	R CARBON FILM	R207	RD-AZ121J-	1/6 120 OHM J	0	0
208	R CARBON FILM	R208	RD-AZ332J-	1/6 3.3K OHM J	0	0
209	R CARBON FILM	R211	RD-AZ100J-	1/6 10 OHM J	0	0
210	R CARBON FILM	R212~213	RD-AZ182J-	1/6 1.8K OHM J	0	0
211	R CARBON FILM	R214~215	RD-AZ332J-	1/6 3.3K OHM J	0	0
212	R CARBON FILM	R216	RD-AZ473J-	1/6 47K OHM J	0	0
213	WIRE JUMPER	R217~218	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
214	R CARBON FILM	R221	RD-AZ563J-	1/6 56K OHM J	0	0
215	R CARBON FILM	R251	RD-AZ102J-	1/6 1K OHM J	0	0
216	R CARBON FILM	R252	RD-AZ470J-	1/6 47 OHM J	0	0
217	R CARBON FILM	R253	RD-AZ222J-	1/6 2.2K OHM J	0	0
218	R CARBON FILM	R254	RD-AZ103J-	1/6 10K OHM J	0	0
219	R CARBON FILM	R255	RD-AZ100J-	1/6 10 OHM J	0	0
220	R CARBON FILM	R256	RD-AZ102J-	1/6 1K OHM J	0	0
221	R CARBON FILM	R257~258	RD-AZ103J-	1/6 10K OHM J	0	0
222	R CARBON FILM	R259	RD-AZ123J-	1/6 12K OHM J	0	0
223	R CARBON FILM	R260~263	RD-AZ102J-	1/6 1K OHM J	0	0
224	R CARBON FILM	R264	RD-AZ222J-	1/6 2.2K OHM J	0	0
225	R CARBON FILM	R270	RD-AZ470J-	1/6 47 OHM J	0	0
226	R CARBON FILM	R271~272	RD-AZ103J-	1/6 10K OHM J	0	0
227	R CARBON FILM	R403~404	RD-AZ562J-	1/6 5.6K OHM J	0	0
228	R CARBON FILM	R405~408	RD-AZ102J-	1/6 1K OHM J	0	0
229	R CARBON FILM	R409~410	RD-AZ104J-	1/6 100K OHM J	0	0
230	R CARBON FILM	R411~412	RD-AZ103J-	1/6 10K OHM J	0	0
231	R CARBON FILM	R413	RD-AZ101J-	1/4 100 OHM J	0	0
232	R CARBON FILM	R414	RD-AZ102J-	1/6 1K OHM J	0	0
233	R CARBON FILM	R415~416	RD-AZ104J-	1/6 100K OHM J	0	0
234	R CARBON FILM	R417	RD-AZ102J-	1/6 1K OHM J	0	0
235	R CARBON FILM	R418~419	RD-AZ103J-	1/6 10K OHM J	0	0
236	R CARBON FILM	R420~421	RD-AZ682J-	1/6 6.8K OHM J	0	0
237	R CARBON FILM	R490	RD-AZ123J-	1/6 12K OHM J	0	0
238	R CARBON FILM	R491~492	RD-AZ223J-	1/6 22K OHM J	0	0
239	R CARBON FILM	R493	RD-AZ123J-	1/6 12K OHM J	0	0
240	R CARBON FILM	R605~606	RD-AZ221J-	1/6 220 OHM J	0	0
241	R CARBON FILM	R609~610	RD-AZ153J-	1/6 15K OHM J	0	0
242	R CARBON FILM	R611~612	RD-AZ222J-	1/6 2.2K OHM J	0	0
243	R CARBON FILM	R617~618	RD-AZ221J-	1/6 220 OHM J	0	0
244	R CARBON FILM	R621~622	RD-AZ681J-	1/6 680 OHM J	0	0
245	R CARBON FILM	R623~624	RD-AZ154J-	1/6 150K OHM J	0	0
246	R CARBON FILM	R625~626	RD-AZ473J-	1/6 47K OHM J	0	0
247	R CARBON FILM	R629~630	RD-AZ562J-	1/6 5.6K OHM J	0	0
248	R CARBON FILM	R631~632	RD-AZ102J-	1/6 1K OHM J	0	0
249	R CARBON FILM	R638	RD-AZ105J-	1/6 1M OHM J	0	0
250	R CARBON FILM	R640	RD-AZ101J-	1/4 100 OHM J	0	0
251	R CARBON FILM	R641~642	RD-AZ823J-	1/6 82K OHM J	0	0
252	R CARBON FILM	R643~644	RD-AZ223J-	1/6 22K OHM J	0	0
253	R CARBON FILM	R645~646	RD-AZ123J-	1/6 12K OHM J	0	0
254	R CARBON FILM	R651	RD-4Z221J-	1/4 220 OHM J	0	0
255	R CARBON FILM	R652	RD-AZ392J-	1/6 3.9K OHM J	0	0
256	R CARBON FILM	R653	RD-AZ472J-	1/6 4.7K OHM J	0	0
257	R CARBON FILM	R655	RD-AZ153J-	1/6 15K OHM J	0	0
258	R CARBON FILM	R656	RD-4Z479J-	1/4 4.7 OHM J	0	0
259	R CARBON FILM	R659	RD-AZ102J-	1/6 1K OHM J	0	0
260	R CARBON FILM	R660	RD-4Z560J-	1/4 56 OHM J	0	0
261	R CARBON FILM	R661~662	RD-AZ472J-	1/6 4.7K OHM J	0	0
262	R CARBON FILM	R663	RD-AZ103J-	1/6 10K OHM J	0	0
263	R CARBON FILM	R801~802	RD-AZ102J-	1/6 1K OHM J	0	0
264	R CARBON FILM	R803~804	RD-AZ104J-	1/6 100K OHM J	0	0
265	R CARBON FILM	R805~806	RD-AZ392J-	1/6 3.9K OHM J	0	0
266	R CARBON FILM	R807~808	RD-AZ393J-	1/6 39K OHM J	0	0
267	R CARBON FILM	R809~810	RD-AZ102J-	1/6 1K OHM J	0	0
268	R CARBON FILM	R809~810	RD-AZ681J-	1/6 680P OHM J		0
269	R CARBON FILM	R811~812	RD-4Z221J-	1/4 220 OHM J	0	0
270	R CARBON FILM	R813~814	RD-4Z479J-	1/4 4.7 OHM J	0	0
271	R CARBON FILM	R815	RD-AZ154J-	1/6 150K OHM J	0	0
272	R CARBON FILM	R816	RD-AZ103J-	1/6 10K OHM J	0	0
273	R CARBON FILM	R817~818	RD-AZ104J-	1/6 100K OHM J	0	0
274	R CARBON FILM	R819~820	RD-AZ102J-	1/6 1K OHM J	0	0
275	R CARBON FILM	R824	RD-4Z221J-	1/4 220 OHM J	0	0
276	R CARBON FILM	R826	RD-4Z221J-	1/4 220 OHM J	0	0
277	R CARBON FILM	R908	RD-AZ223J-	1/6 22K OHM J	0	0
278	R CARBON FILM	R909~910	RD-AZ103J-	1/6 10K OHM J	0	0
279	R CARBON FILM	R911~912	RD-AZ223J-	1/6 22K OHM J	0	0
280	R CARBON FILM	R914	RD-4Z229J-	1/4 2.2 OHM J	0	0
281	R CARBON FILM	R916	RD-AZ103J-	1/6 10K OHM J	0	0
282	TUNER PACK	TU001	9737613500	FTE4-401TC	0	0
283	C DISCRIMINATOR	XC201	5P107MG86C	CDA10.7MG86N-C	0	0
284	CRYSTAL QUARTZ	XC251	5XA7R2000D	HC-18/U 7.200000MHZ 25PPM	0	0

Electrical Parts List

Model : RL-211/212W

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	MODEL	
					RL-211W	RL-212W
285	X-TAL	XC270	5XA4R332M-	4.332M	0	0
1	PCB FRONT	B701	9CD6586000	163X103X1.6T	0	0
2	C CERA	CC701~702	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	0	0
3	C CERA	CC703	CCXF1H104Z	50V F 0.1MF Z	0	0
4	C CERA	CC704~709	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	0	0
5	C CERA	CC710	CZCH1H150J	50V CH 15PF J (AXIAL)	0	0
6	C CERA	CC711	CZCH1H180J	50V CH 18PF J (AXIAL)	0	0
7	C CERA	CC712~713	CZCH1H330J	CH 50V 33PF J AXIAL 52MM	0	0
8	C ELECTRO	CE701	CEXF1H229V	50V RSS 2.2MF (5X11) TP	0	0
9	C ELECTRO	CE702	CEXF1H100V	50V RSS 10MF (5X11) TP	0	0
10	C ELECTRO	CE703	CEXF1E101V	25V RSS 100MF (6.3X11) TP	0	0
11	C ELECTRO	CE704	CEYF1A102V	10V 1000MF RSS 10X16	0	0
12	CONN AS	CN704	9728813600	FFC 8P P=1.25X80MM K	0	0
13	CONN AS	CN705	9728812800	UL2468 #26 3P P=2.0X130MM	0	0
14	CONN WAFER	CW701	9736407900	52084-1010 10P BOTTOM	0	0
15	CONN WAFER	CW702	9736407900	52084-1010 10P BOTTOM	0	0
16	CONN AS	CW703	9CD6261300	52492-1320 BOTTOM ENTRY	0	0
17	CONN WAFER	CW704	9CD6266800	52044-0845 SIDE ENTRY	0	0
18	CONN AS	CW705	9728812800	UL2468 #26 3P P=2.0X130MM	0	0
19	DIODE	D701~705	DZNA148---	1N4148 AUTO 52MM	0	0
20	IC	IC701	137560211W	U-COM M37560MF-XXXGP	0	0
21	IC	IC702	1M24C04---	M24C04-BN6	0	0
22	IC	IC703	1354HF7---	354HF7	0	0
23	WIRE JUMPER	JW701~704	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
24	WIRE JUMPER	JW705~706	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
25	WIRE JUMPER	JW707	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
26	WIRE JUMPER	JW708~709	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
27	WIRE JUMPER	JW710	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
28	WIRE JUMPER	JW711	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
29	WIRE JUMPER	JW712~714	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
30	WIRE JUMPER	JW715	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
31	WIRE JUMPER	JW716	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
32	LCD	LC701	DS0295TM--	S0295T/M	0	0
33	LED	LD701~708	DSLR342MG-	SLR-342MG	0	0
34	LED	LD710	DLTL307EE-	LTL-307EE(RED)/PI5	0	0
35	TR	Q701	TKRC107M--	KRC 107-M (TAPPING)	0	0
36	TR	Q702	TZTA1273Y-	KTA1273Y(966Y)	0	0
37	TR	Q703	TKRC107M--	KRC 107-M (TAPPING)	0	0
38	TR	Q704	TZTA1273Y-	KTA1273Y(966Y)	0	0
39	TR	Q705	TKRC107M--	KRC 107-M (TAPPING)	0	0
40	TR	Q706	TKRC111M--	KRC111M (KSR1010)	0	0
41	R CARBON FILM	R701~702	RD-AZ103J-	1/6 10K OHM J	0	0
42	R CARBON FILM	R703~704	RD-AZ472J-	1/6 4.7K OHM J	0	0
43	R CARBON FILM	R705	RD-AZ331J-	1/6 330 OHM J	0	0
44	R CARBON FILM	R706	RD-AZ223J-	1/6 22K OHM J	0	0
45	R CARBON FILM	R707	RD-AZ331J-	1/6 330 OHM J	0	0
46	R CARBON FILM	R708~710	RD-AZ103J-	1/6 10K OHM J	0	0
47	R CARBON FILM	R711	RD-AZ101J-	1/6 100 OHM J	0	0
48	R CARBON FILM	R712	RD-AZ151J-	1/6 150 OHM J	0	0
49	R CARBON FILM	R713	RD-AZ181J-	1/6 180 OHM J	0	0
50	R CARBON FILM	R714	RD-AZ271J-	1/6 270 OHM J	0	0
51	R CARBON FILM	R715	RD-AZ331J-	1/6 330 OHM J	0	0
52	R CARBON FILM	R716	RD-AZ391J-	1/6 390 OHM J	0	0
53	R CARBON FILM	R717	RD-AZ471J-	1/6 470 OHM J	0	0
54	R CARBON FILM	R719	RD-AZ152J-	1/6 1.5K OHM J	0	0
55	R CARBON FILM	R721	RD-AZ101J-	1/6 100 OHM J	0	0
56	R CARBON FILM	R722	RD-AZ151J-	1/6 150 OHM J	0	0
57	R CARBON FILM	R723	RD-AZ181J-	1/6 180 OHM J	0	0
58	R CARBON FILM	R724	RD-AZ271J-	1/6 270 OHM J	0	0
59	R CARBON FILM	R725	RD-AZ331J-	1/6 330 OHM J	0	0
60	R CARBON FILM	R726	RD-AZ391J-	1/6 390 OHM J	0	0
61	R CARBON FILM	R727	RD-AZ471J-	1/6 470 OHM J	0	0
62	R CARBON FILM	R729	RD-AZ152J-	1/6 1.5K OHM J	0	0
63	R CARBON FILM	R730	RD-AZ103J-	1/6 10K OHM J	0	0
64	R CARBON FILM	R731	RD-AZ106J-	1/6 10M OHM J	0	0
65	R CARBON FILM	R732	RD-AZ334J-	1/6 330K OHM J	0	0
66	R CARBON FILM	R733	RD-AZ101J-	1/6 100 OHM J	0	0
67	R CARBON FILM	R734	RD-AZ100J-	1/6 10 OHM J	0	0
68	R CARBON FILM	R735	RD-AZ392J-	1/6 3.9K OHM J	0	0
69	R CARBON FILM	R736	RD-AZ561J-	1/6 560 OHM J	0	0
70	R CARBON FILM	R740~741	RD-AZ221J-	1/6 220 OHM J	0	0
71	R CARBON FILM	R742	RD-AZ222J-	1/6 2.2K OHM J	0	0
72	R CARBON FILM	R743	RD-AZ102J-	1/6 1K OHM J	0	0
73	R CARBON FILM	R744~745	RD-AZ120J-	1/6 12 OHM J	0	0
74	R CARBON FILM	R746	RD-AZ222J-	1/6 2.2K OHM J	0	0
75	R CARBON FILM	R747	RD-AZ102J-	1/6 1K OHM J	0	0
76	R CARBON FILM	R748~749	RD-AZ120J-	1/6 12 OHM J	0	0
77	WIRE JUMPER	R750~751	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
78	R CARBON FILM	R752~757	RD-AZ103J-	1/6 10K OHM J	0	0
79	R CARBON FILM	R760~762	RD-AZ103J-	1/6 10K OHM J	0	0
80	SW TACT	SW701~716	SS50101001	KPT-1105A 1C-1P	0	0
81	X-TAL	XC701	5XA32R768-	DT-38 32.768KHZ 20PPM	0	0
82	RESONATOR	XC702	5PCSA8MTZ-	CSALA8M00T55-B0 (8.00MTZ)	0	0
1	PCB CD	B501	9CD6585000	123.5X123.5X1.6T	0	0
2	C CERA	CC501~502	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	0	0
3	C CERA	CC504~505	CCXF1H104Z	50V F 0.1MF Z	0	0
4	C CERA	CC506~507	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	0	0
5	C CERA	CC508	CCXF1H104Z	50V F 0.1MF Z	0	0
6	C CERA	CC510~512	CCXB1H222K	50V B 2200PF K (TAPPING)	0	0
7	C CERA	CC513~516	CCXF1H104Z	50V F 0.1MF Z	0	0
8	C CERA	CC520	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	0	0
9	C CERA	CC521	CCXF1H683Z	50V F 0.068MF Z	0	0
10	C CERA	CC523	CCXF1H104Z	50V F 0.1MF Z	0	0
11	C CERA	CC524	CCXB1H391K	50V B 390PF K (TAPPING)	0	0
12	C CERA	CC525	CCXF1H104Z	50V F 0.1MF Z	0	0
13	C CERA	CC526	CCXB1H681K	50V B 680PF K (TAPPING)	0	0
14	C CERA	CC527	CCXB1H222K	50V B 2200PF K (TAPPING)	0	0
15	C CERA	CC528	CCXF1H104Z	50V F 0.1MF Z	0	0
16	C CERA	CC530	CCXB1H682K	50V B 6800PF K (TAPPING)	0	0
17	C CERA	CC531	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	0	0
18	C CERA	CC532	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	0	0
19	C CERA	CC533	CCXF1H104Z	50V F 0.1MF Z	0	0
20	C CERA	CC534	CCXB1H102K	50V B 1000PF K (TAPPING)	0	0
21	C CERA	CC535~536	CCXF1H104Z	50V F 0.1MF Z	0	0
22	C CERA	CC537	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	0	0
23	C CERA	CC538	CCXB1H222K	50V B 2200PF K (TAPPING)	0	0
24	C CERA	CC539	CCXB1H562K	50V B 5600PF K (TAPPING)	0	0
25	C CERA	CC540	CXCH1H409D	50V CH 4PF D (TAPPING)	0	0
26	C CERA	CC541	CXCH1H270J	50V CH 27PF J (TAPPING)	0	0
27	C CERA	CC542	CCXB1H102K	50V B 1000PF K (TAPPING)	0	0
28	C CERA	CC543~545	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	0	0
29	C CERA	CC546	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	0	0
30	C ELECTRO	CE502~503	CEXF1E101V	25V RSS 100MF (6.3X11) TP	0	0
31	C ELECTRO	CE504	CEXF1E470V	25V RSS 47MF (5X11) TP	0	0
32	C ELECTRO	CE505~507	CEXF1E101V	25V RSS 100MF (6.3X11) TP	0	0
33	C ELECTRO	CE511	CEXF1H100V	50V RSS 10MF (5X11) TP	0	0
34	C ELECTRO	CE513	CEXF1H100V	50V RSS 10MF (5X11) TP	0	0
35	C ELECTRO	CE514~515	CEXF1H479V	50V RSS 4.7MF (5X11) TP	0	0
36	C ELECTRO	CE516	CEXF1C221V	16V RSS 220MF (8X11.5) TP	0	0
37	C ELECTRO	CE520	CEXF1H100V	50V RSS 10MF (5X11) TP	0	0
38	C ELECTRO	CE521	CEXF1H479V	50V RSS 4.7MF (5X11) TP	0	0
39	C ELECTRO	CE522~524	CEXF1E101V	25V RSS 100MF (6.3X11) TP	0	0
40	C ELECTRO	CE525	CEXF1E330V	25V RSS 33MF (5X11) TP	0	0
41	C ELECTRO	CE526	CEXF1C102V	16V RSS 1000MF (10X20) TP	0	0
42	C ELECTRO	CE527~528	CEXF1H478V	50V RSS 0.47MF (5X11) TP	0	0
43	CONN AS	CN500	9728813800	FFC 16P P=1.0X120MM R	0	0
44	CONN AS	CN501	9728813900	UL1007 #30 6P P=2.0X120MM	0	0
45	CONN AS	CN503	9728813700	FFC 13P P=1.25X120 MM R	0	0
46	CONN AS	CN509	9728813500	6P 100MM P=2.5 BOARD-IN	0	0
47	CONN AS	CN511	9728812900	UL1007 #26 2P P=2.5X100MM	0	0
48	CONN WAFER	CW500	9CD6259300	52807-1610 SID ENTRY	0	0
49	CONN AS	CW501	9728813900	UL1007 #30 6P P=2.0X120MM	0	0
50	CONN WAFER	CW503	9CD6264500	52045-1345 TOP ENTRY	0	0
51	CONN AS	CW511	9728812900	UL1007 #26 2P P=2.5X100MM	0	0
52	IC SSP	IC501	1S1L9226--	S1L9226	0	0
53	IC DSP	IC502	1S5L9290--	S5L9290	0	0
54	IC	IC503	174HCT04AF	TC74HCT04AF	0	0
55	IC CHIP	IC504	1KA9258D--	KA9258D	0	0
56	WIRE JUMPER	JW501	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
57	WIRE JUMPER	JW502	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
58	WIRE JUMPER	JW503	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
59	WIRE JUMPER	JW504	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0

Electrical Parts List

Model : RL-211/212W

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	MODEL	
					RL-211W	RL-212W
60	WIRE JUMPER	JW505	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
61	WIRE JUMPER	JW506-511	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
62	WIRE JUMPER	JW512	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
63	WIRE JUMPER	JW513	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
64	WIRE JUMPER	JW514-515	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
65	WIRE JUMPER	JW516-517	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
66	WIRE JUMPER	JW518	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
67	WIRE JUMPER	JW520	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
68	WIRE JUMPER	JW521	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
69	WIRE JUMPER	JW524-525	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	0	0
70	WIRE JUMPER	JW526	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
71	WIRE JUMPER	JW527	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	0	0
72	WIRE JUMPER	JW528	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
73	WIRE JUMPER	JW529	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
74	WIRE JUMPER	JW530-531	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
75	WIRE JUMPER	JW532	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
76	WIRE JUMPER	JW533	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
77	WIRE JUMPER	JW534	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
78	WIRE JUMPER	JW535-537	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
79	WIRE JUMPER	JW538	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	0	0
80	WIRE JUMPER	JW539	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
81	WIRE JUMPER	JW540	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
82	WIRE JUMPER	JW541-542	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
83	WIRE JUMPER	JW543	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
84	WIRE JUMPER	JW545	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
85	WIRE JUMPER	JW547	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
86	WIRE JUMPER	JW551	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	0
87	WIRE JUMPER	L501	W581GY1005	AWG22 1/0.65 SN 10 AUTO	0	0
88	TR	Q501	TKSA928A-Y	KSA928A-Y	0	0
89	TR	Q503	TKSC2331Y-	KSC2331Y	0	0
90	TR	Q510	TKSA928A-Y	KSA928A-Y	0	0
91	R CARBON FILM	R503	RD-AZ152J-	1/6 1.5K OHM J	0	0
92	R CARBON FILM	R504	RD-AZ472J-	1/6 4.7K OHM J	0	0
93	R CARBON FILM	R505-506	RD-AZ229J-	1/4 2.2 OHM J	0	0
94	R CARBON FILM	R507-508	RD-AZ103J-	1/6 10K OHM J	0	0
95	R CARBON FILM	R514	RD-AZ103J-	1/6 10K OHM J	0	0
96	R CARBON FILM	R515	RD-AZ105J-	1/6 1M OHM J	0	0
97	R CARBON FILM	R516-519	RD-AZ104J-	1/6 100K OHM J	0	0
98	R CARBON FILM	R520-526	RD-AZ472J-	1/6 4.7K OHM J	0	0
99	R CARBON FILM	R527	RD-AZ473J-	1/6 47K OHM J	0	0
100	R CARBON FILM	R528	RD-AZ472J-	1/6 4.7K OHM J	0	0
101	R CARBON FILM	R529-532	RD-AZ473J-	1/6 47K OHM J	0	0
102	R CARBON FILM	R533	RD-AZ103J-	1/6 10K OHM J	0	0
103	R CARBON FILM	R535	RD-AZ103J-	1/6 10K OHM J	0	0
104	R CARBON FILM	R537-538	RD-AZ222J-	1/6 2.2K OHM J	0	0
105	R CARBON FILM	R540	RD-AZ223J-	1/6 22K OHM J	0	0
106	R CARBON FILM	R541	RD-AZ823J-	1/6 82K OHM J	0	0
107	R CARBON FILM	R542	RD-AZ473J-	1/6 47K OHM J	0	0
108	R CARBON FILM	R543	RD-AZ124J-	1/6 120K OHM J	0	0
109	R CARBON FILM	R544	RD-AZ104J-	1/6 100K OHM J	0	0
110	R CARBON FILM	R545	RD-AZ333J-	1/6 33K OHM J	0	0
111	R CARBON FILM	R546	RD-AZ104J-	1/6 100K OHM J	0	0
112	R CARBON FILM	R547	RD-AZ473J-	1/6 47K OHM J	0	0
113	R CARBON FILM	R548	RD-AZ823J-	1/6 82K OHM J	0	0
114	R CARBON FILM	R549-550	RD-AZ103J-	1/6 10K OHM J	0	0
115	R CARBON FILM	R551	RD-AZ102J-	1/6 1K OHM J	0	0
116	R CARBON FILM	R552	RD-AZ563J-	1/6 56K OHM J	0	0
117	R CARBON FILM	R553	RD-AZ223J-	1/6 22K OHM J	0	0
118	R CARBON FILM	R554	RD-AZ822J-	1/6 8.2K OHM J	0	0
119	R CARBON FILM	R555	RD-AZ153J-	1/6 15K OHM J	0	0
120	R CARBON FILM	R556	RD-AZ105J-	1/6 1M OHM J	0	0
121	R CARBON FILM	R557	RD-AZ683J-	1/6 68K OHM J	0	0
122	R CARBON FILM	R558	RD-AZ184J-	1/6 180K OHM J	0	0
123	R CARBON FILM	R559	RD-AZ183J-	1/6 18K OHM J	0	0
124	R CARBON FILM	R560	RD-AZ220J-	1/6 22 OHM J	0	0
125	R CARBON FILM	R561	RD-AZ101J-	1/6 100 OHM J	0	0
126	R CARBON FILM	R562	RD-AZ823J-	1/6 82K OHM J	0	0
127	R CARBON FILM	R563-566	RD-AZ563J-	1/6 56K OHM J	0	0
128	R CARBON FILM	R567	RD-AZ823J-	1/6 82K OHM J	0	0
129	SW PUSH LOCK	SW500	5S40101A01	R8120125	0	0
130	RESONATOR CERA	XC501	5PCST16R93	CSTLS16M9X55-B0	0	0

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	MODEL	
					RL-211W	RL-212W
1	AS PCB POWER		9CDC060700		0	
2	AS PCB POWER		9CDC061900			0
3	PCB POWER	B001	9CD6586300	123.5X98.5X1.6T	0	0
4	C CERA	CC980	CCZF1H103Z	50V F 0.01MF Z	0	0
5	C ELECTRO	CE980	CEYF1E102V	25V RSS 1000MF (13X20)	0	0
6	C MYLAR	CM906-908	CMXM1H473J	50V 0.047MF J	0	0
7	C MYLAR	CM910-911	CMXM1H473J	50V 0.047MF J	0	0
8	CONN AS	CN901	9728813200	UL1617 #22 5P P=2.5X140M	0	
9	CONN AS	CN901	9728813300	UL1617 #22 6P P=2.5X140M		0
10	CORD AC	CN902	9736909300	KKP 419C KLCE-2F 0.75 SQUARE 2.54	0	0
11	CORD AC	CW902	9736909300	KKP 419C KLCE-2F 0.75 SQUARE 2.54	0	0
12	DIODE	D901-904	DRL202----	RL202	0	0
13	DIODE	D906-907	DZN4002A--	1N4002A AUTO 52MM	0	0
14	DIODE	D980-982	D1N4001----	1N4001	0	0
15	DIODE	D984-985	D1N4001----	1N4001	0	0
16	FUSE GLASS TUBE	F901	5FSGB3112L	SEMKO TL 0.315A 250V MF51	0	
17	FUSE GLASS TUBE	F901	5FSGB4012L	SEMKO TL 0.400A 250V MF51		0
18	CLIP FUSE	FC901-902	9734600700	FC-SN	0	0
19	IC REGULATOR	IC980	1KA78L05AZ	KA78L05AZ	0	0
20	WIRE JUMPER	JW902	W581GY6095	AWG22 1/0.65 SN 6 AUTO	0	0
21	WIRE JUMPER	JW905-906	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	0	0
22	WIRE JUMPER	JW907	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	0	0
23	WIRE JUMPER	JW908	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	0	
24	WIRE JUMPER	JW909	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	0	
25	TRANS POWER	PT901	5TP8057861	EI=57 230V 50HZ	0	
26	TRANS POWER	PT901	5TP8066868	EI=66 230V 50HZ		0
27	TRANS POWER	PT980	5TP8028829	EI=28X12 230V 50HZ	0	0
28	TR	Q981	TZTC3205Y-	KTC3205Y (2236Y)	0	0
29	R METAL FILM	R980	RN-2Y475J-	1/2 4.7M OHM J	0	0
30	R CARBON FILM	R981	RD-4Z101J-	1/4 100 OHM J	0	0
31	R CARBON FILM	R982-983	RD-AZ103J-	1/6 10K OHM J	0	0
32	R FUSIBLE	RF901-902	RF01F4780J	0.47 OHM 1W 32D	0	0
33	SW RELAY	RY980	5SC2001A01	SDT-S-105LMR	0	0

Electrical Parts List(Optional Parts List)

Model : RL-211/212W

1.MODEL OPTION(R705)

PCB FRONT AS

R705	JUMPER	330	680	1.2K	1.8K	2.7K	3.9K	6.8K
CASS. DECK	A/S	A/S	A/R	A/R	A/S	A/S	A/R	A/R
PSM	ST-BY	PSM	ST-BY	PSM	ST-BY	PSM	ST-BY	PSM
CD PICK UP	S.SUNG	S.SUNG	S.SUNG	S.SUNG	SONY	SONY	SONY	SONY

cf. A/S : AUTO STOP DECK A/R : AUTO REVERSE DECK

ST-BY : STAND-BY MODE PSM : POWER SAVE MODE S.SUNG : SAMSUNG

2. POWER SAVE OPTION

PCB FRONT AS

LOC	PART NAME	WITHOUT POWER SAVE	WITH POWER SAVE
JW712	WIRE JUMPER	X	W581GY7595 AWG22 1/0.65 SN 7.5 AUTO
LD710	LED	X	DLTL307EE- LTL-307EE(RED) PI5
Q706	TR	X	TZRC111M-- KRC111M(AUTO)
R735	R CARBON FILM	X	RD-AZ392J- 1/6W 3.9K JJ
R736	R CARBON FILM	X	RD-AZ561J- 1/6W 560 JJ
R705	R CARBON FILM		MODEL OPTION

PCB MAIN AS

LOC	PART NAME	WITHOUT POWER SAVE	WITH POWER SAVE
CW901	CONN WAFER	3P(S/N:972881300)	9728813200 UL1617 #22 5P P=2.5X150MM
D905	DIODE	10 MM JUMPER	DZN4148--- 1N4148 AUTO 52MM
JW905	JUMPER	X	W581GY6095 AWG22 1/0.65 SN 6 AUTO

PCB P/T AS

LOC	PART NAME	WITHOUT POWER SAVE	WITH POWER SAVE
CC980	C CERA	X	CCXF1H103Z 50V F 0.01MF Z (TAPPING)
CE980	C ELECTRO	X	CEYF1E102V 25V RSS 1000MF (13X20)
CM910	C MYLAR	X	CMXM1H473J 50V 0.047MF
CM911	C MYLAR	X	CMXM1H473J 50V 0.047MF
D980	DIODE	X	D1N4001--- 1N4001
D981	DIODE	X	D1N4001--- 1N4001
D982	DIODE	X	D1N4001--- 1N4001
D983	DIODE	X	D1N4001--- 1N4001
D984	DIODE	X	D1N4001--- 1N4001
D985	DIODE	X	D1N4001--- 1N4001
IC980	IC	X	1KA78L05AZ KA78L05AZ
JW903	WIRE JUMPER	O(6 MM JUMPER)	X
JW905	WIRE JUMPER	X	W581GY17J5 AWG22 1/0.65 SN 17.5 AUTO
JW906	WIRE JUMPER	X	W581GY17J5 AWG22 1/0.65 SN 17.5 AUTO
PT980	TRANS POWER	X	5TP8028829 EI=28X12 230V 50HZ
Q981	TR	X	TZTC3205Y- KTC3205Y (2236Y)
RY980	SW RELAY	X	5SC2001A01 SDT-S-105LMR
R981	R CARBON FILM	X	RD-4Z101J- 1/4 100 OHM J
R982	R CARBON FILM	X	RD-AZ103J- 1/6W 10K JJ
R983	R CARBON FILM	X	RD-AZ103J- 1/6W 10K JJ

3. FTZ OPTION

PCB MAIN AS

LOC	PART NAME	SIMPLE	FULL FTZ
CF001	FILTER CERA	5PE107MS3-	5PE107MJA- SFE 10.7MHZ RED
CF002	FILTER CERA	5PE107MS3-	5PE107MJA- SFE 10.7MHZ RED
L102	COIL PEAKING	X	5CPZ100K02 10UH K (AXIAL 3.5MM)
TU001	TUNER PACK	9737613201	9737613501 KST-F404VA

Electrical Parts List(Optional Parts List)

Model : RL-211/212W

4. RDS OPTION

PCB FRONT AS

LOC	PART NAME	WITHOUT RDS	WITH RDS	
JW705	WIRE JUMPER	X	W581GY1005	AWG22 1/0.65 SN 10 AUTO
JW706	WIRE JUMPER	X	W581GY1005	AWG22 1/0.65 SN 10 AUTO
R750	WIRE JUMPER	X	W581GY1005	AWG22 1/0.65 SN 10 AUTO
R751	WIRE JUMPER	X	W581GY1005	AWG22 1/0.65 SN 10 AUTO

* BAND OPTION R706 : 22K

PCB MAIN AS

LOC	PART NAME	WITHOUT RDS	WITH RDS	
CC270	C CERA	X	CCXB1H331K	50V B 330PF K
CC272	C CERA	X	CCXF1H103Z	50V F 0.01MF Z
CC276	C CERA	X	CXCH1H220J	50V CH 22PF J
CC277	C CERA	X	CXCH1H220J	50V CH 22PF J
CE270	C ELEC	X	CEXF1H100V	50V RSS 10MF (5X11)
CE271	C ELEC	X	CEXF1H100V	50V RSS 10MF (5X11)
IC270	IC	X	1LC72723M-	LC72723M
JW219	JUMPER	X	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO
L270	COIL PEAKING	X	5CPZ100K02	10UH K (AXIAL 3.5MM)
R270	R CARBON FILM	X	RD-AZ470J-	1/6W 47 OHM J
R271	R CARBON FILM	X	RD-AZ103J-	1/6W 10KOHM J
R272	R CARBON FILM	X	RD-AZ103J-	1/6W 10KOHM J
XC270	X-TAL	X	5XA4R332M-	4.332M

5.TUNER BAND OPTION(R706)

PCB FRONT AS

	Function	AM1	AM2	E/2B	JAPAN	ASIA1/12	ASIA2/24	CIS	S/AM	E2-2
NO	RDS									O
	BAND	FM/AM	FM/AM	FM/MW	FM/AM	FM/AM	FM/AM	FM/FM/MW	FM/AM	FM/MW
	HOURL	12	12	24	12	12	24	24	12	24
	STEP	100/10	200/10	'50/9	100/9	100/9	100/9	'10/50/9	100/10	'50/9
1	R706	JW	330	1.2K	1.8K	2.7K	3.9K	6.8K	10K	22K
CH	1	87.5MHz	87.5MHz	87.5MHz	76MHz	87.5MHz	87.5MHz	65MHz	87.5MHz	87.5MHz
	2	90	90,1	90	80	90	90	67,1	90	90
	3	98	98,1	98	92	98	98	69,5	98	98
	4	106	106,1	106	104	106	106	72,1	106	106
	5	108	108,1	108	108	108	108	74	108	108
	STEP	100KHz	200KHz	50KHz	100KHz	100KHz	100KHz	10KHz	100KHz	50KHz
	1	520KHz	520KHz	522KHz	522KHz	522KHz	522KHz	87.5MHz	520KHz	522KHz
	2	600	600	603	603	603	603	90	600	603
CH	3	1000	1000	999	999	999	999	98	1000	999
	4	1400	1400	1404	1404	1404	1404	106	1400	1404
	5	1710	1710	1620	1620	1620	1620	108	1620	1620
	STEP	10KHz	10KHz	9KHz	9KHz	9KHz	9KHz	50KHz	10KHz	9KHz
	1							522KHz		
	2							"		
CH	3							"		
	4							"		
	5							"		
	STEP							9KHz		

Electrical Parts List(Optional Parts List)

Model : RL-211/212W

6.POWER OPTION

PCB FRONT AS

LOC	PART NAME	EUROPE (230V)	AMREICA (120V)	DUAL (230V/115V)	REMARK
R706	R CARBON FILM	BAND OPTION			

PCB MAIN AS

LOC	PART NAME	EUROPE (230V)	AMREICA (120V)	DUAL (230V/115V)	REMARK
CF001	FILTER CERA	10.7MJA	10.7MA5	←	
CF002	FILTER CERA	10.7MJA	10.7MA5	←	
CM200	C MYLAR	153	223	223	
CM201	C MYLAR	153	223	223	
CW901	CONN WAFER	5P	3P	←	211W
CW901	CONN WAFER	6P	4P	←	212W
J001	JACK ANTENNA	9736324900	X	X	
JW108	JUMPER	O	X	X	
JW121	JUMPER	JW(10MM)	←	4.7M	
JW418	JUMPER	O	X	X	
JW904	JUMPER	O	X	X	
JW905	JUMPER	O	X	X	
R001	R CARBON FILM	X	X	4.7M	
TU001	PACK TUNER	9737613500 4-GANG	9737613201 3-GANG	9737613801 2-GANG	
	ANT FM	9736806000	9736806100	←	

PCB P/T AS

LOC	PART NAME	EUROPE (230V)	AMREICA (120V)	DUAL (230V/115V)	REMARK
CN902	AC CORD	9736909300	9736909400	9736909300	
CN901	CONN	9728813200	9728813000	←	211W
CN901	CONN	9728813300	9728813100	←	212W
F901	FUSE	T 315mA VDE/SEMKO	X	T 315mA VDE/SEMKO	211W
F901	FUSE	T 400mA VDE/SEMKO	X	T 400mA VDE/SEMKO	212W
F902	FUSE	X	T 500mA UL/CSA	T 500mA UL/CSA	211W
F902	FUSE	X	T 800mA UL/CSA	T 800mA UL/CSA	212W
FC901	CLIP FUSE	O	X	O	
FC902	CLIP FUSE	O	X	O	
FC903	CLIP FUSE	X	O	O	
FC904	CLIP FUSE	X	O	O	
JW901	JUMPER	X	O	X	
JW902	JUMPER	O	X	X	
JW904	JUMPER	X	O	O	
PT901	POWER TRANS	5TP8057861	5TP8057862	5TP8057863	211W
PT901	POWER TRANS	5TP8057868	5TP8057869	5TP8057870	212W
SW901	SW VOL SEL	X	X	5S30102361	