



Service Manual

MINI COMPONENT SYSTEM

Model : XL-118



DAEWOO ELECTRONICS CO., LTD.

MINI COMPONENT SYSTEM

XL-118

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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

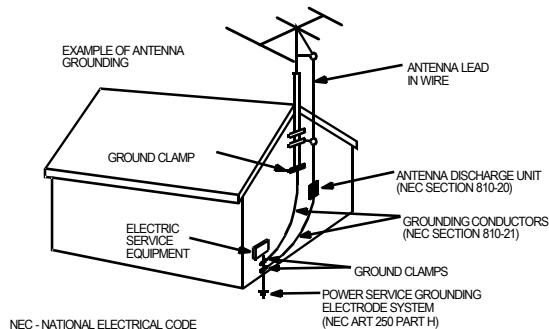


Figure 2

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.

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:

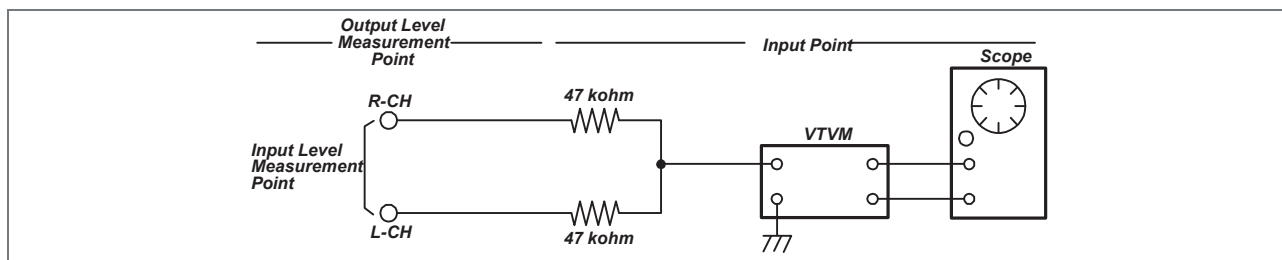
- a) The power-supply cord or the plug has been damaged; or
- b) Objects have fallen, or liquid has been spilled into the appliance; or
- c) The appliance has been exposed to rain; or
- d) The appliance does not appear to operate normally or exhibits a marked change in performance; or
- e) The appliance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

Adjustments

1. 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 A(1), tape B(2) 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 $\pm$ 100Hz

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	RV601	Line Out L/R Channel	Confirm Wow & Flut-ter is within 0.35%	FIG.1
			3,000~3,010Hz	MTT-111N	RV601	Line Out L/R Channel	Confirm Tape Speed of end position after adjustment at tape start position	FIG.1
		High	5,820~6,180Hz	MTT-111N	-----	Shorted TP601, TP602	Confirm High speed after normal speed adjustment	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 Oscilla-tor Frequency Adjust-ment		80 KHz±0.5	MTT-5511	L603	TP603,GND	Adjust with frequency counter connected.	FIG.1

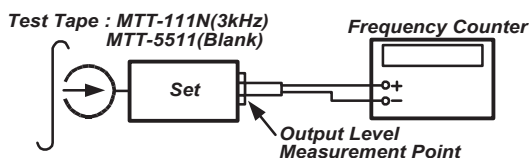


FIG. 1 : Tape Speed & Record Bias Oscillator Frequency Adjust Circuit

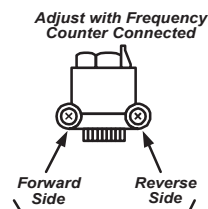


FIG. 2 : Tape Azimuth Adjust Location (Record/Playback Head)

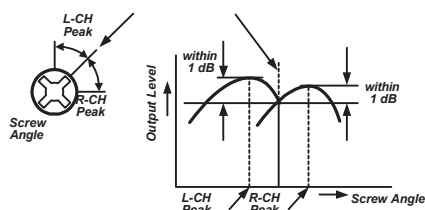


FIG. 3 : Tape Azimuth Adjust Head Screw & Waveform

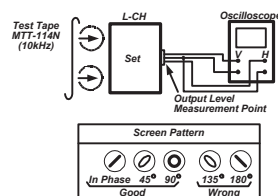
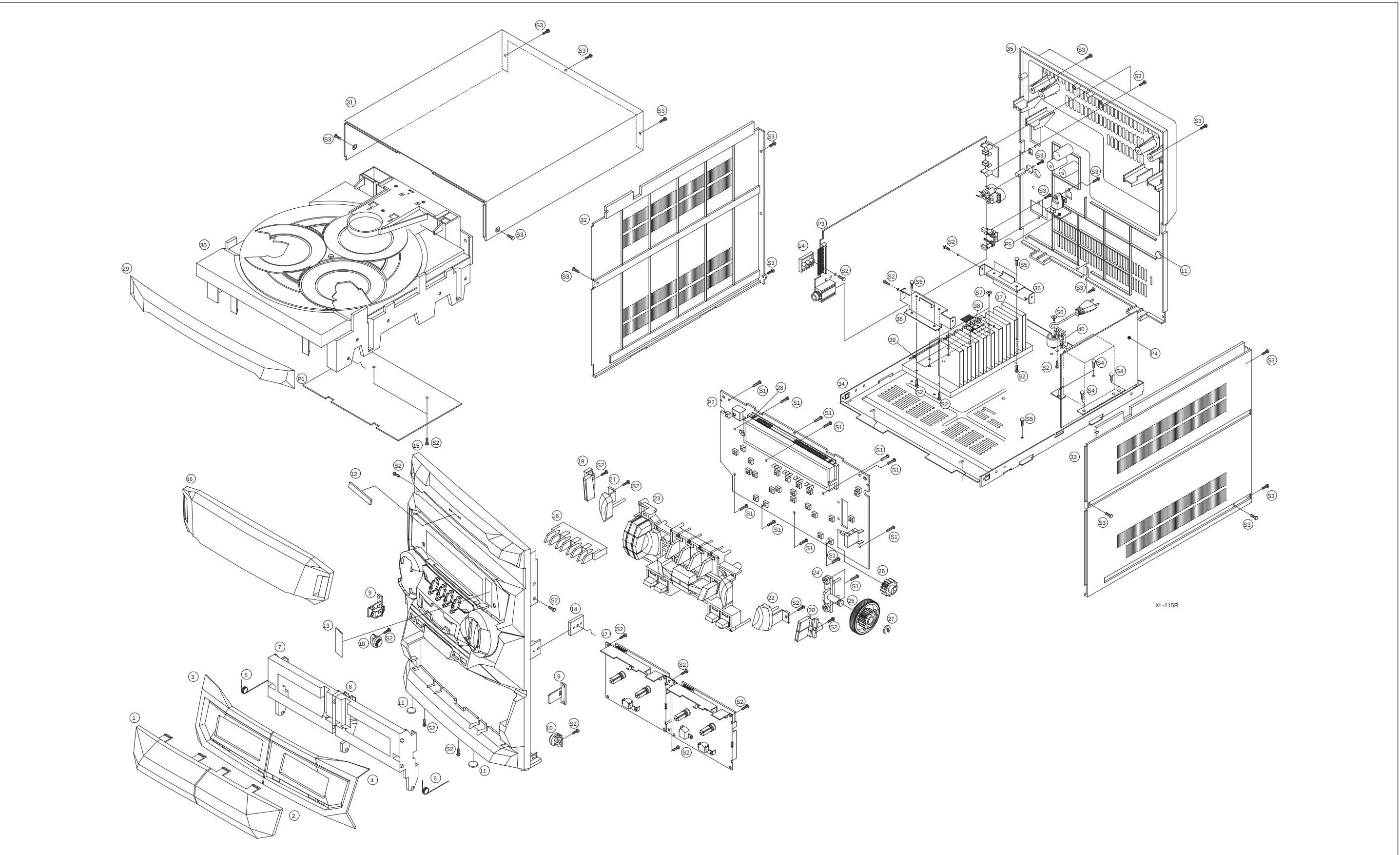


FIG. 4 : Tape Azimuth Adjust Circuit & Waveform

Model No : XL-118



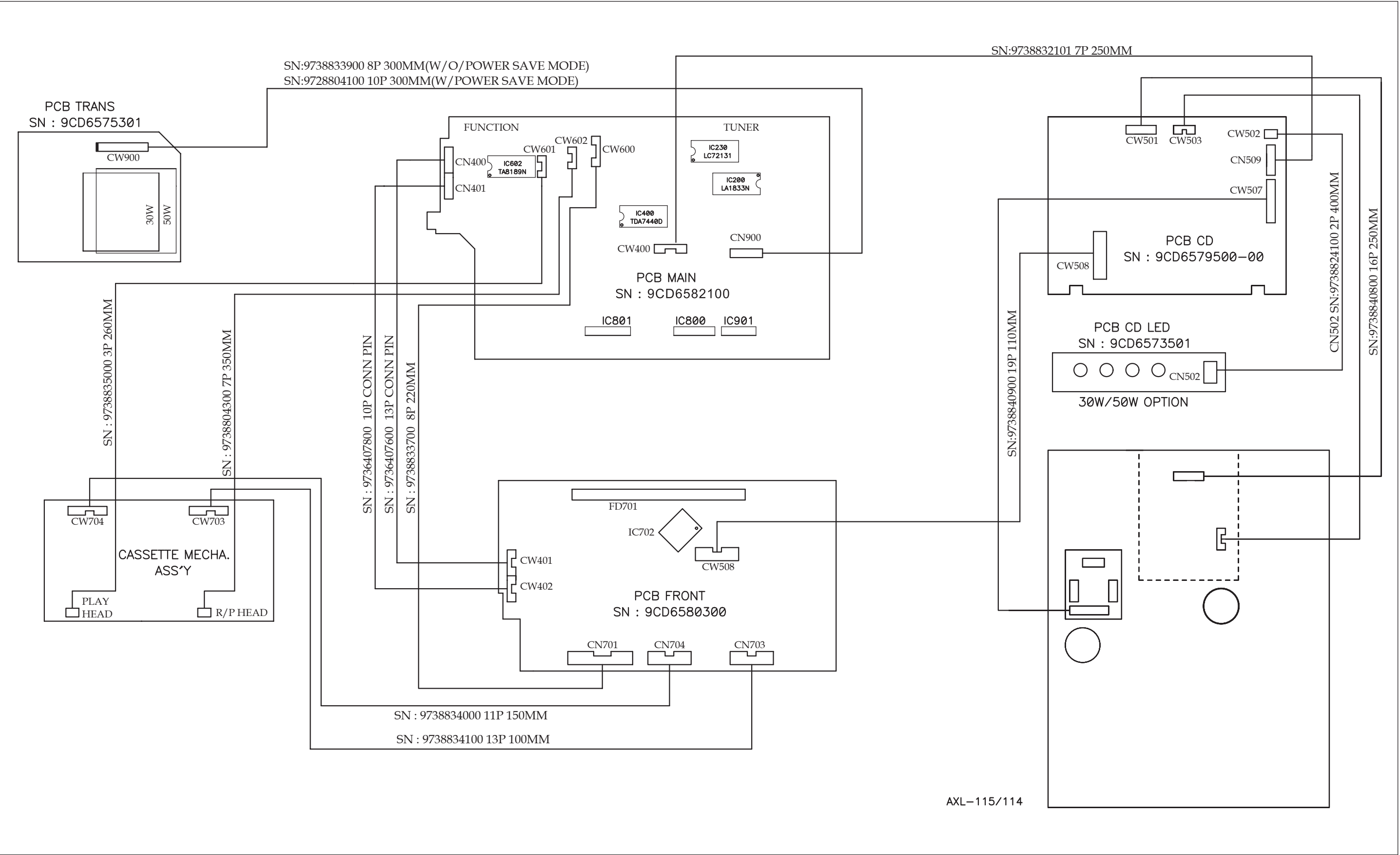
Exploded View and Mechanical Parts List

NO	PARTS NAME	PARTS CODE	DESCRIPTION	Q'TY	REMARKS
1	WINDOW DOOR "A"	9CD18173A0	ACRYL	1	
2	WINDOW DOOR "B"	9CD18173B0	ACRYL	1	
3	DOOR COVER "A"	9CD18122A0	MIPS	1	
4	DOOR COVER "B"	9CD18122B0	MIPS	1	
5	SPRING DOOR EJECT "L"	9CD30078A0	STS	1	
6	SPRING DOOR EJECT "R"	9CD30078B0	STS	1	
7	DOOR FRAME "A"	9CD18113A0	ABS	1	
8	DOOR FRAME "B"	9CD18113B0	ABS	1	
9	LOCKER ASS'Y			2	
10	DAMPER ASS'Y			2	
11	CUSHION FOOT	9CD4207700	URETHAN RUBBER	3	
12	BADGE DAEWOO	9CD1500900	ABS	1	
13	PLATE LED	9CD0911700	PVC 0.5T	1	
14	BRKT SIDE	9CD2412900	MIPS	2	
15	PANEL FRONT	9CD0308200	MIPS	1	
16	WINDOW FLT	9CD1617400	ACRYL	1	
17	CASSETTE DECK	9CD6007700	ADR-243DSW	1	AUTO STOP
		9CD6007800	ADR-243AMW		AUTO REVERSE
18	LENS FUNCTION	9CD1617500	ACRYL	1	
19	KNOB POWER	9CD1341800	MIPS	1	
20	KNOB DEMO	9CD1341700	MIPS	1	
21	KNOB UBS "L"	9CD13419L0	MIPS	1	
22	KNOB UBS "R"	9CD13419R0	MIPS	1	
23	KNOB CONTROL	9CD1341600	MIPS	1	
24	HOLDER VOLUME	9CD2304200	MIPS	1	
25	KNOB VOLUME	9CD1342000	MIPS	1	
26	GEAR VOLUME	9CD2701700	POM	1	
27	SHAFT STOPPER	9CD3601800	POM	1	
28	GUIDE FLT	9CD2506700	ABS	1	
29	DOOR CD	9CD1812100	MIPS	1	
30	CD DECK MECHA	9CD6006900	DCC-01B	1	
31	COVER TOP	9CD0409600	MIPS	1	
32	COVER SIDE "L"	9CD0409900	MIPS	1	

NO	PARTS NAME	PARTS CODE	DESCRIPTION	Q'TY	REMARKS
33	COVER SIDE "R"	9CD0410000	MIPS	1	
34	CHASSIS BOTTOM	9CD0607100	SECC	1	
35	COVER BACK	9CD0411100	MIPS	1	
36	BRKT HEAT SINK	9CD2414600	SECC 1.0T	2	
37	HEAT SINK N50	9CD4405800	AL 7.0T	1	
38	PLATE MICA "A"	9CD0910600	MICA	2	
39	BRKT HEAT SINK	9CD2414400	STS 0.3T	1	
40	HOLDER AC CORD	9CD2303300	ABS	1	
S1	SCREW TAPTTITE	7173261011	TT2 BIN 2.6 X 10 MFZN	15	
S2	SCREW TAPTTITE	7173301011	TT2 BIN 3.0 X 10 MFZN	22	
S3	SCREW TAPTTITE	7173301212	TT2 BIN 3.0 X 12 BK	19	
S4	SCREW TAPTTITE	7173301612	TT2 BIN 4.0 X 6 MFZN	4	
S5	SCREW TAPTTITE	7173400611	TT2 BIN 3.0 X 6 MFZN	5	
S6	SCREW WASHER	9CD3102400	TT2 BIN 3.0 X 10 + D14	1	
S7	SCREW WASHER	9CD3102401	TT2 BIN 3.0 X 8 + D10	4	
P1	PCB CD	9CD6574300 9CD6574800	197X123X1.6T	1	FR-3 DCC-01B
P2	PCB FRONT	9CD6583000	247X139X1.6T	1	
P3	PCB MAIN	9CD6580500	319X197X1.6T	1	
P4	PCB POWER	9CD6580600	106.5X88X1.6T	1	
P5	PCB OPTICAL JACK	9CD6577800	29X21.5X1.6T	1	

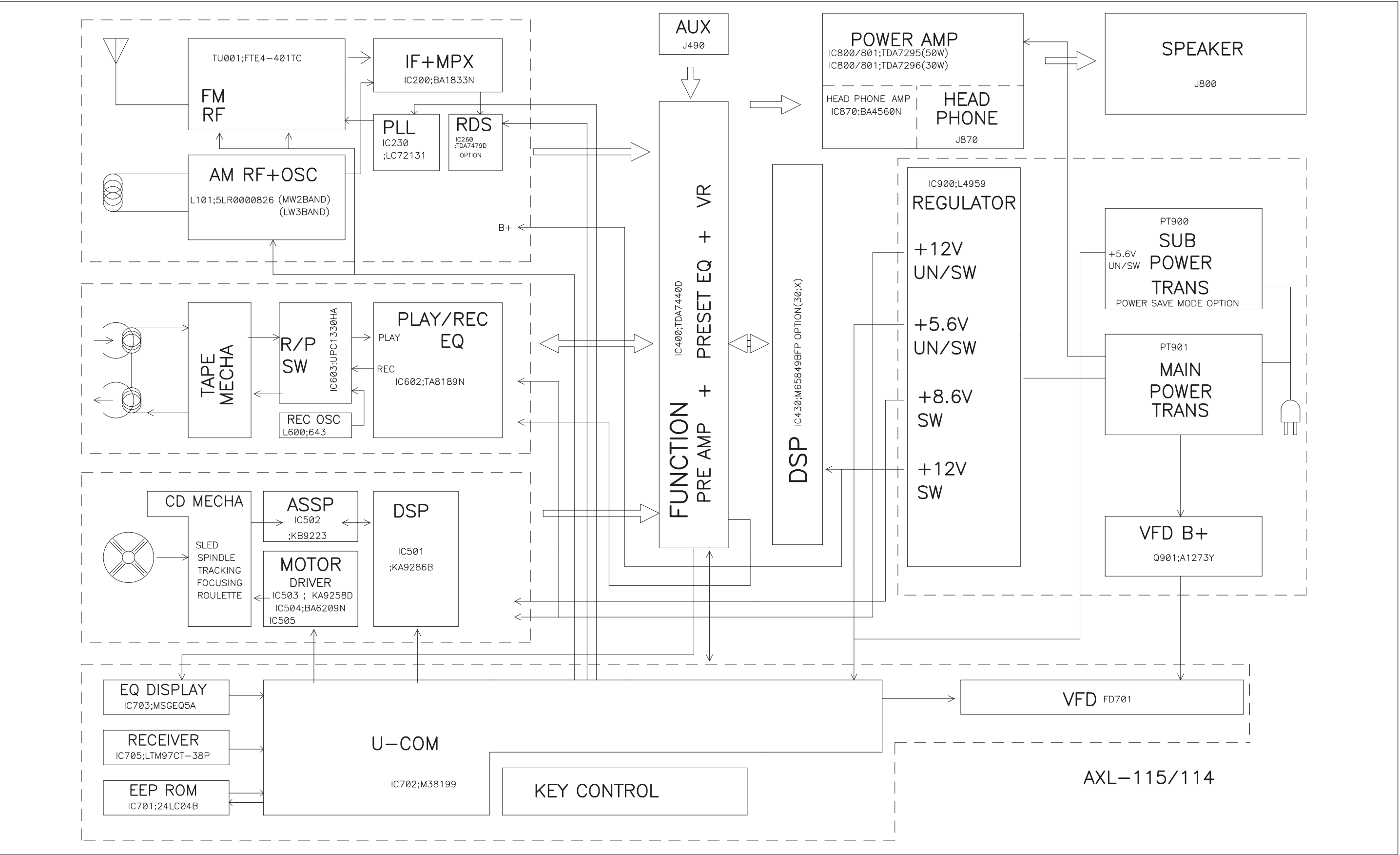
WIRING DIAGRAM

Model No: XL-118



BLOCK DIAGRAM

Model No:XL-118



Schematic Diagram

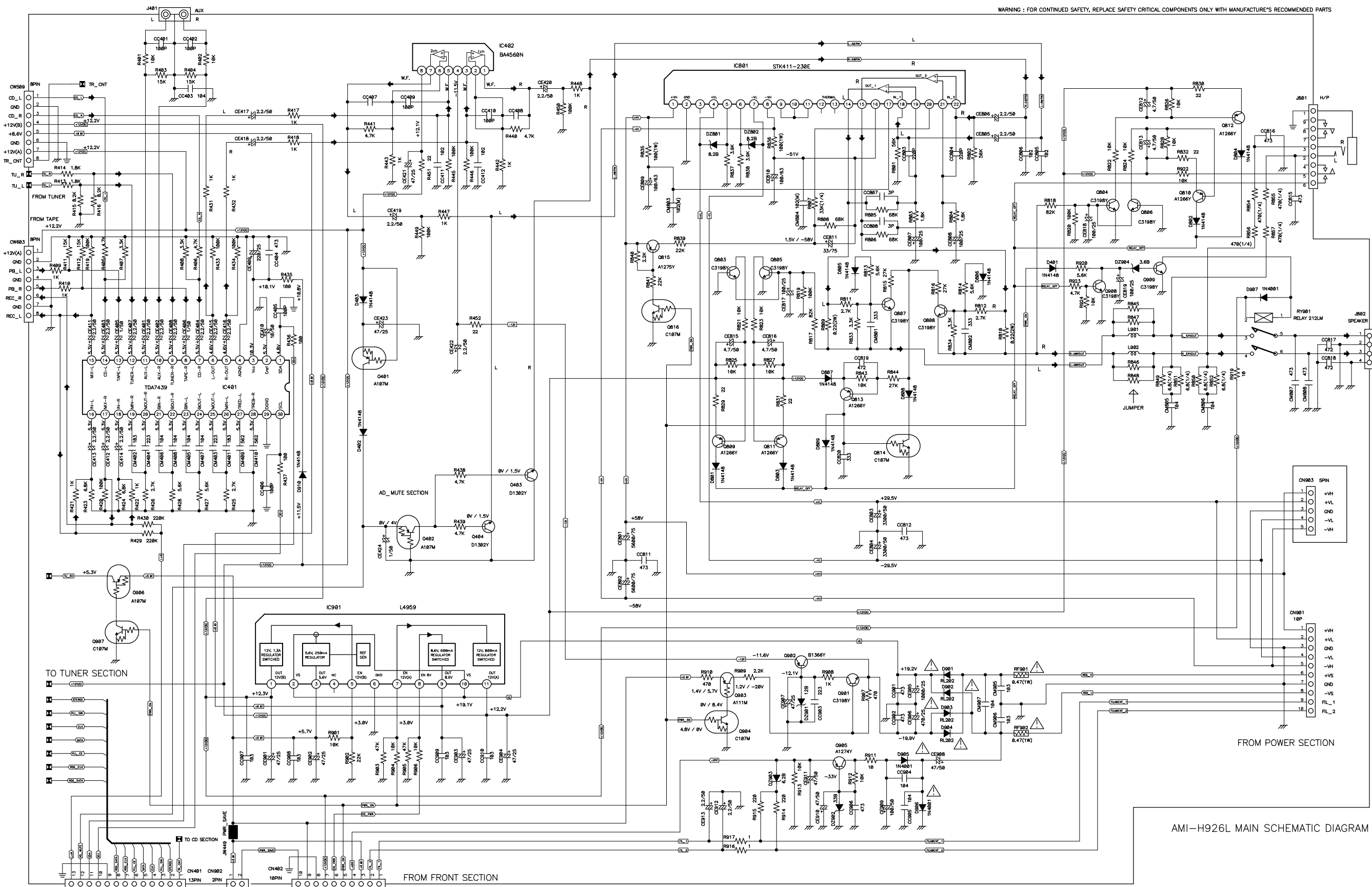
Model No:XL-118

Ass'y Name: POWER/AMP

BEFORE RETURNING THE RECEIVER TO CUSTOMER, APPROPRIATE LEAKAGE CURRENT OR RESISTANCE SHOULD BE CONDUCTED TO DETERMINE THAT EXPOSED PARTS ARE PROPERLY INSULATED FROM THE SUPPLY CIRCUIT

NOTE : THE COMPONENTS IDENTIFIED BY MARK  ARE CRITICAL FOR SAFETY REPLACE ONLY WITH SAME TYPE PARTS SPECIFIED

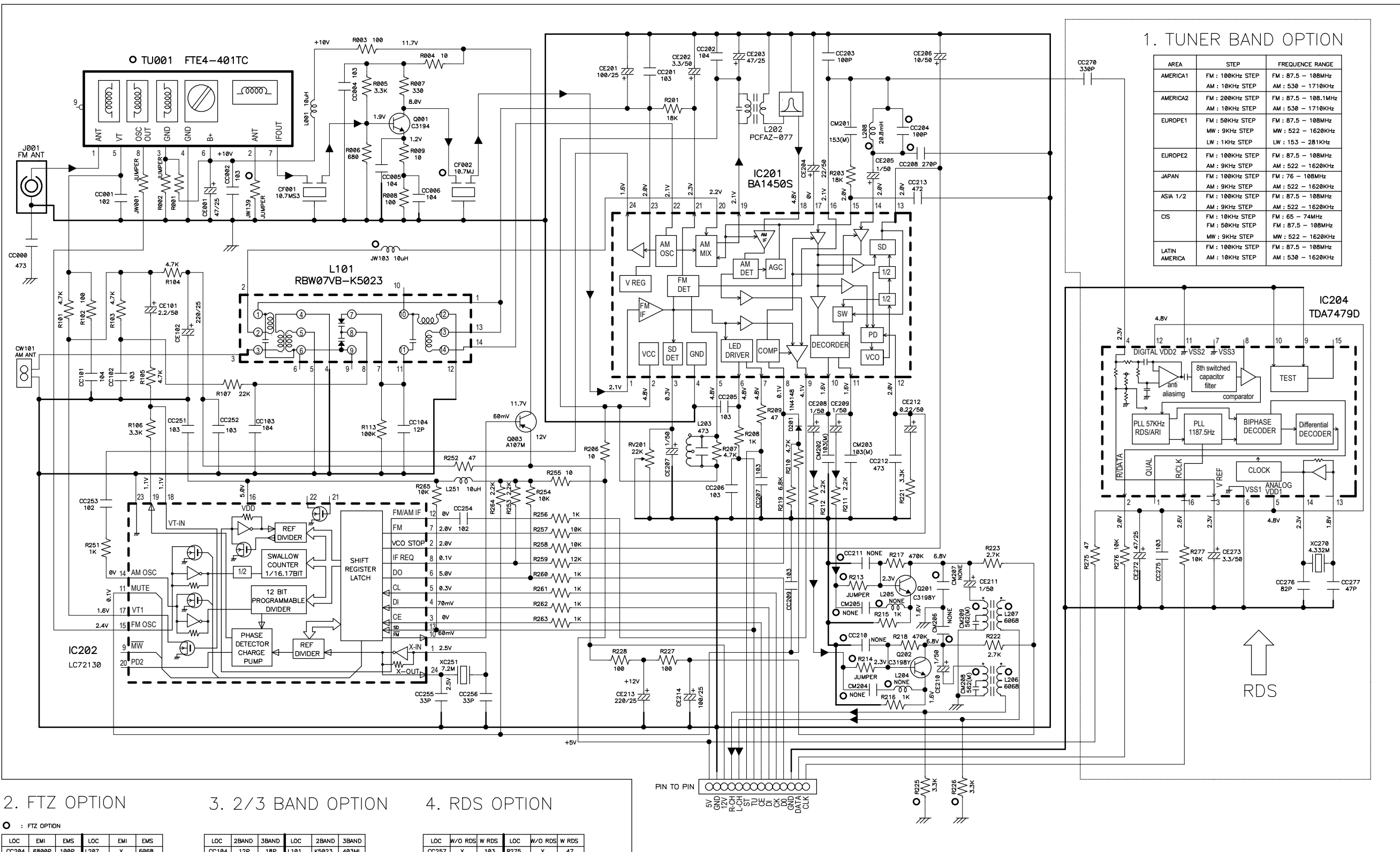
WARNING : FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURE'S RECOMMENDED PARTS



AMI-H926L MAIN SCHEMATIC DIAGRAM

Schematic Diagram

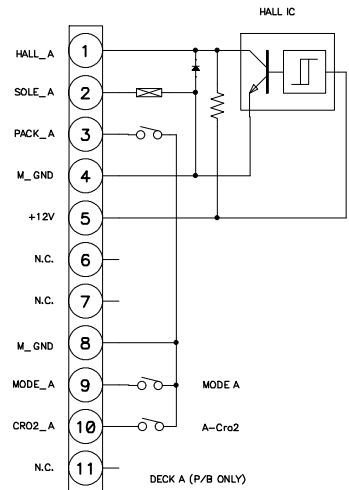
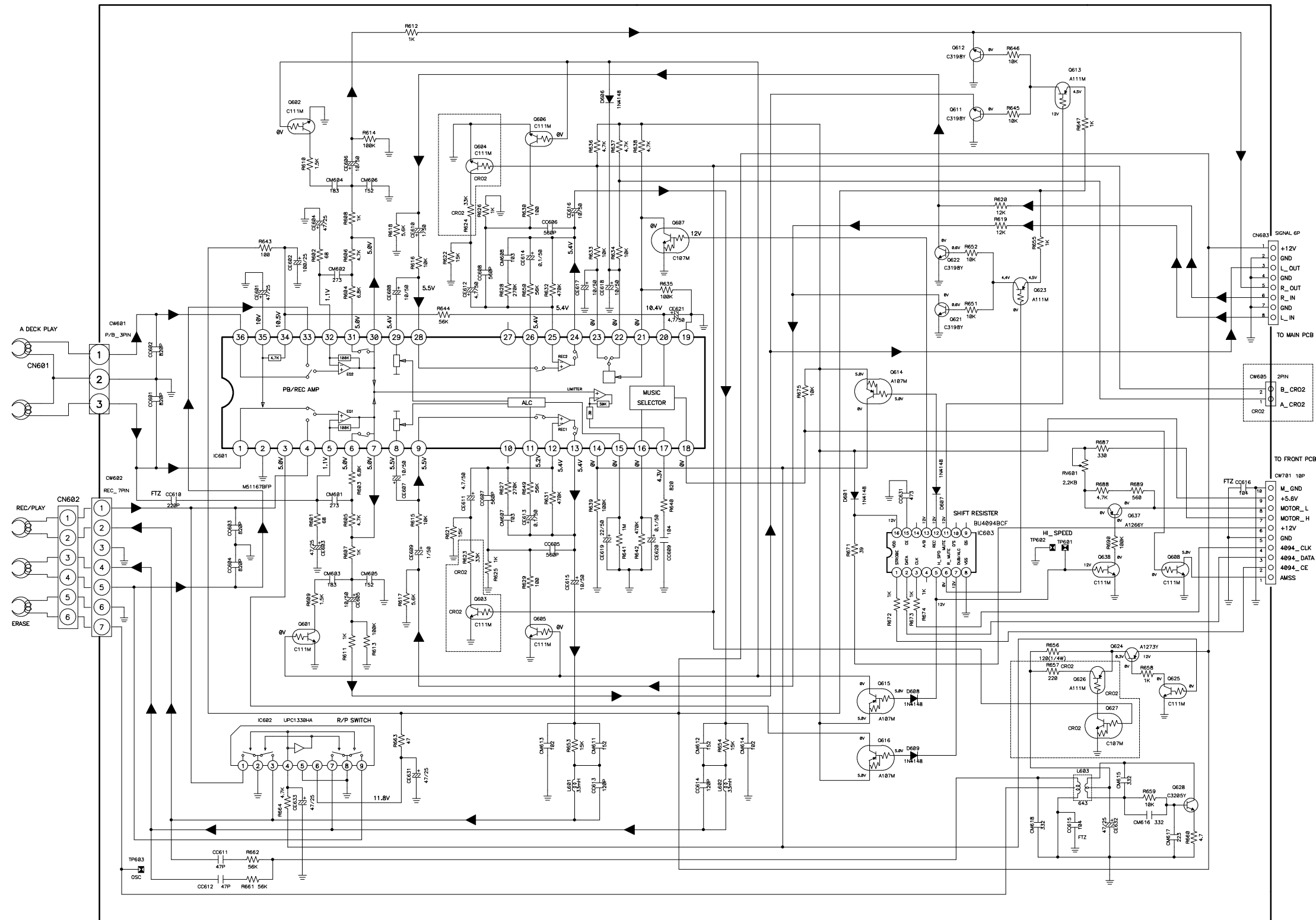
Model No:XL-118
Ass'y Name: TUNER



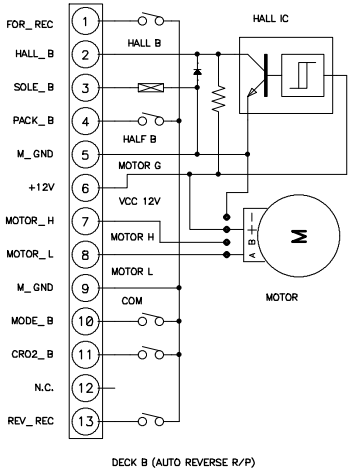
AMI-H926L TUNER SCHEMATIC DIAGRAM(FULL FTZ, 2BAND)

Schematic Diagram

Model No:XL-118
Ass'y Name: TAPE



FROM FRONT SECTION



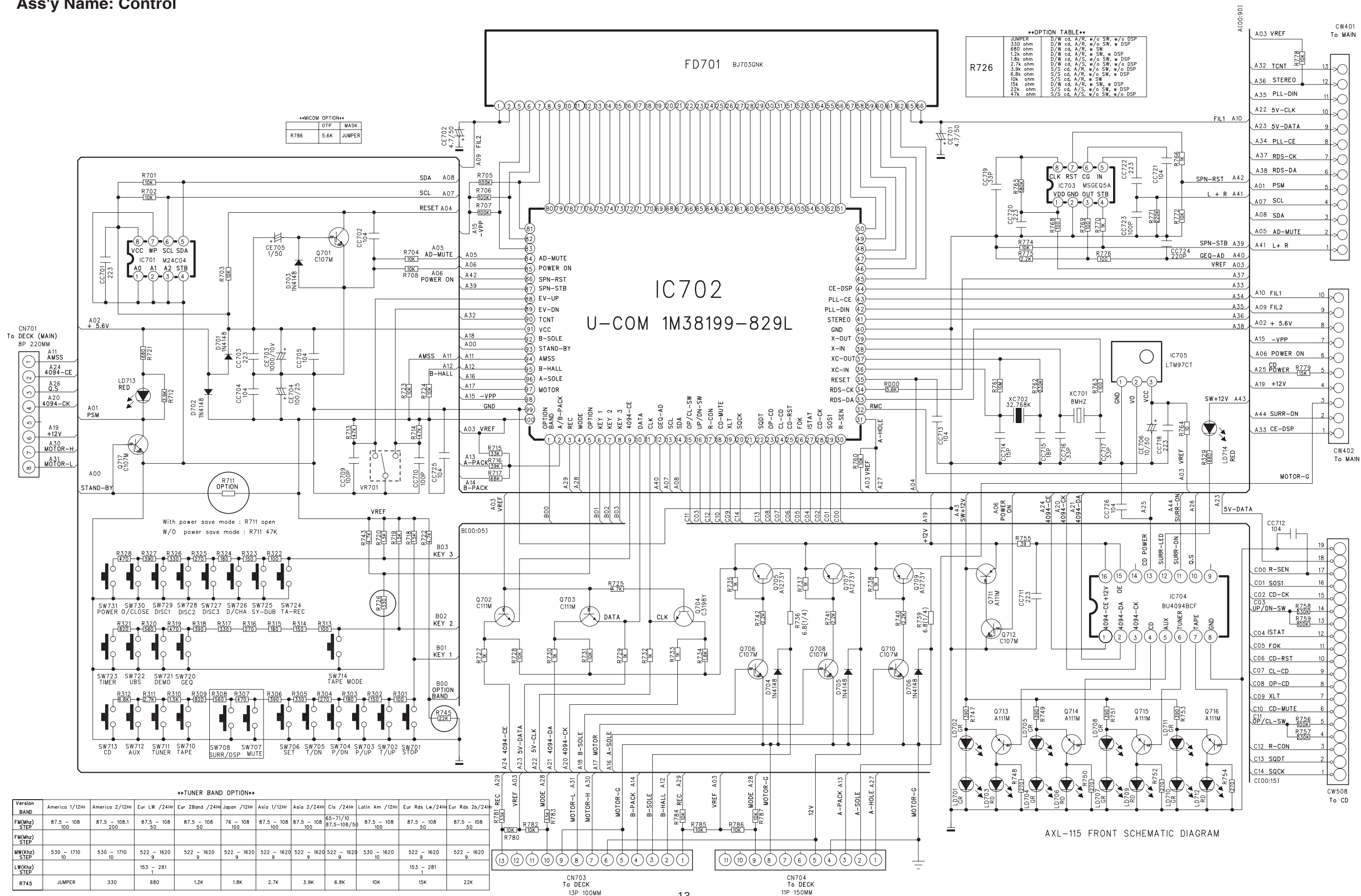
AMI-H926L TAPE SCHEMATIC

Model No : XL-118
Ass'y Name: CD



Schematic Diagram

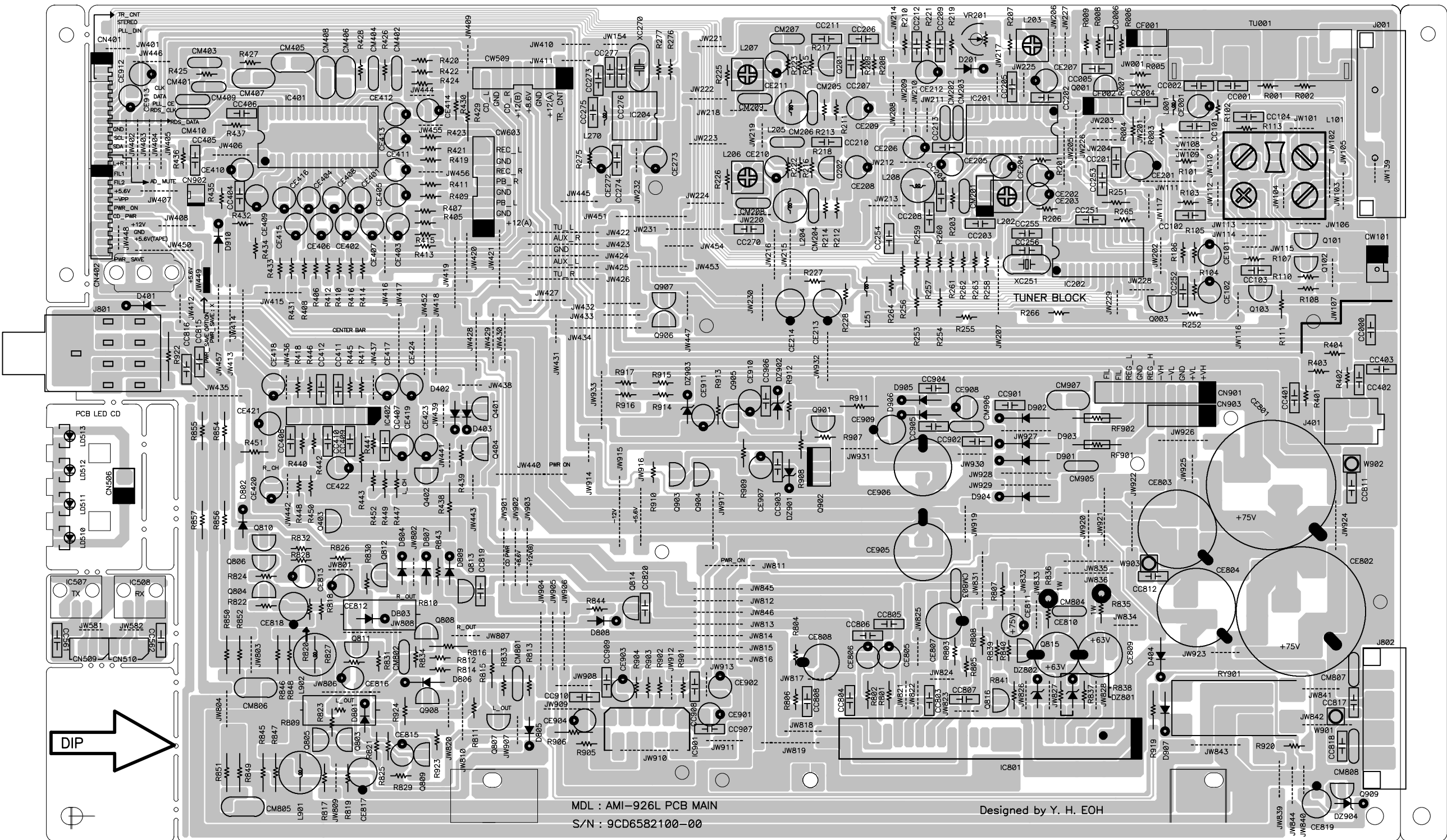
Model No : XL-118
Ass'y Name: Control



P.C.B Pattern Layout

Model No:XL-118

Ass'y Name: MAIN PCB



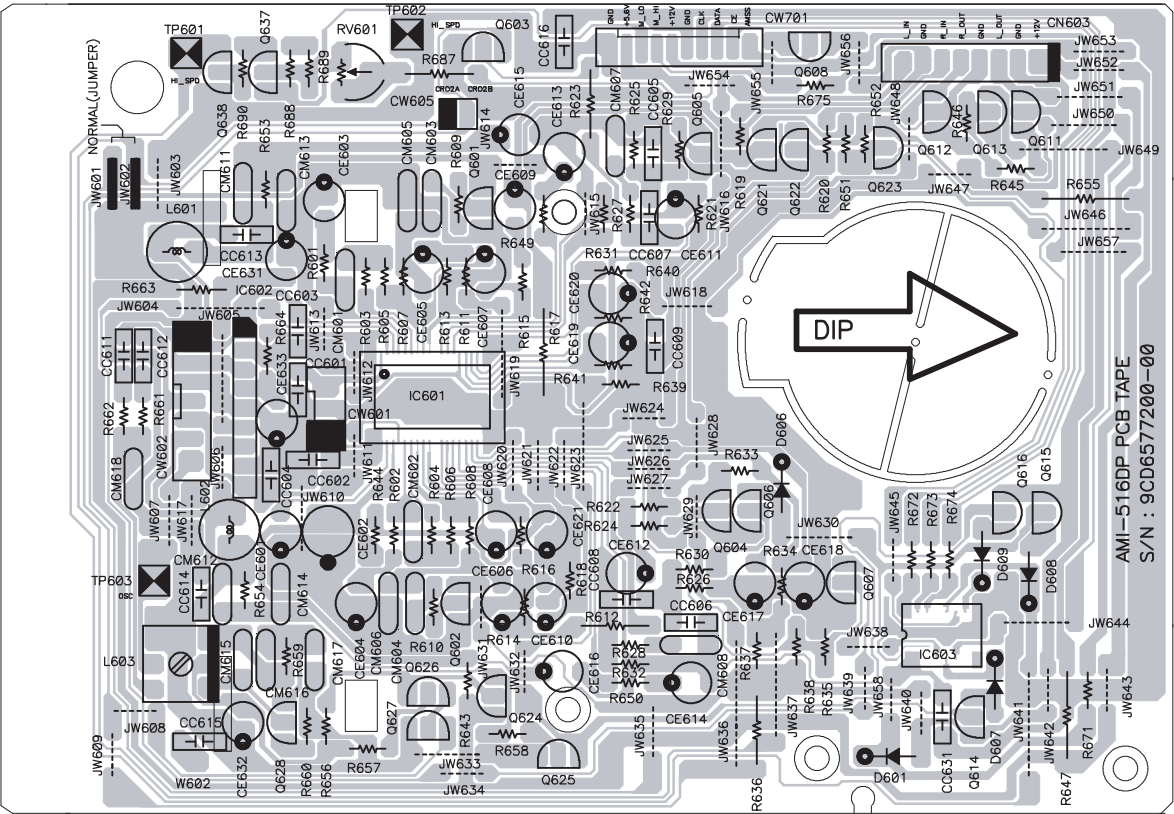
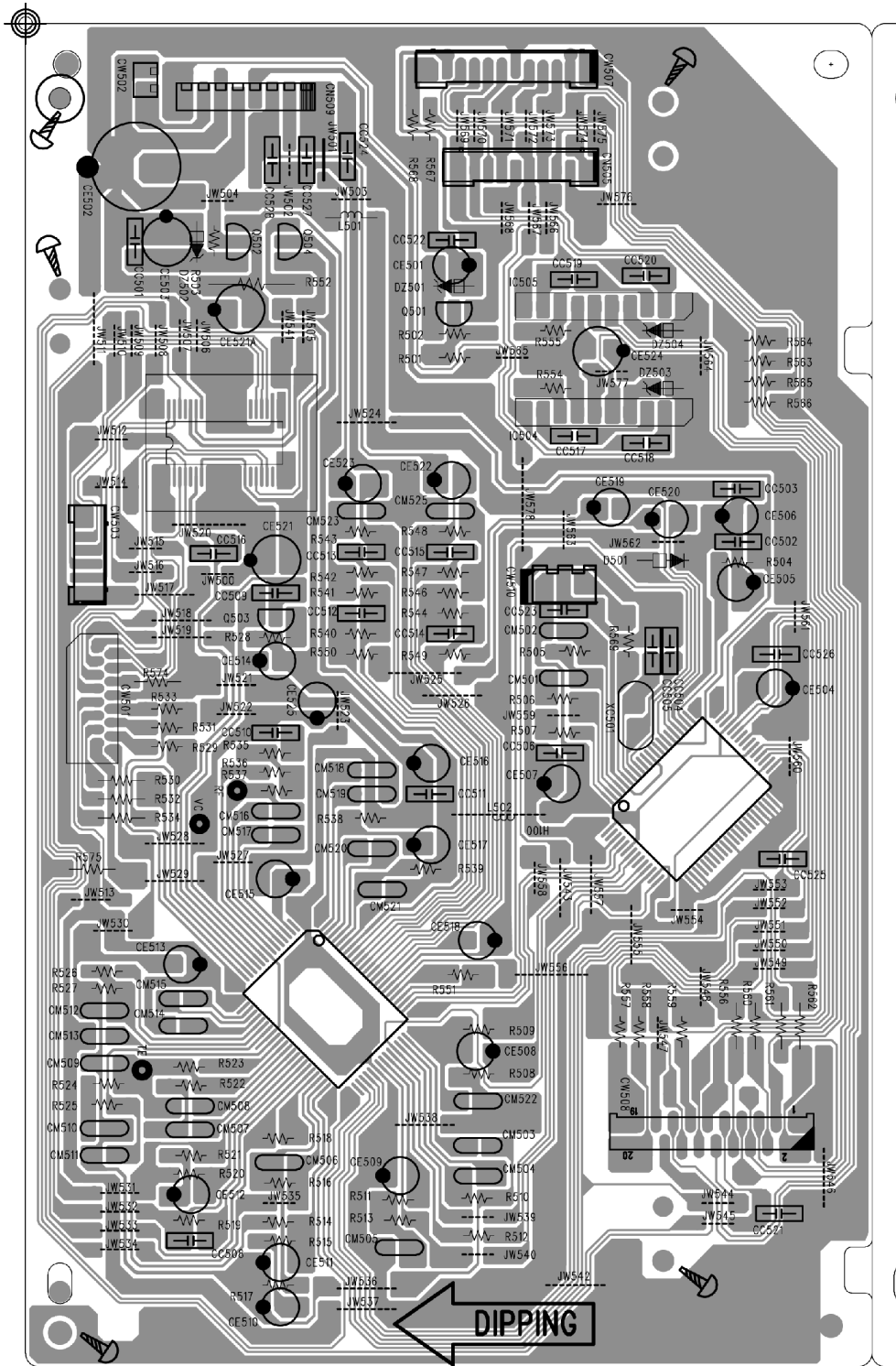
P.C.B Pattern Layout

Model No : XL-118

Ass'y Name : CD P.C.B

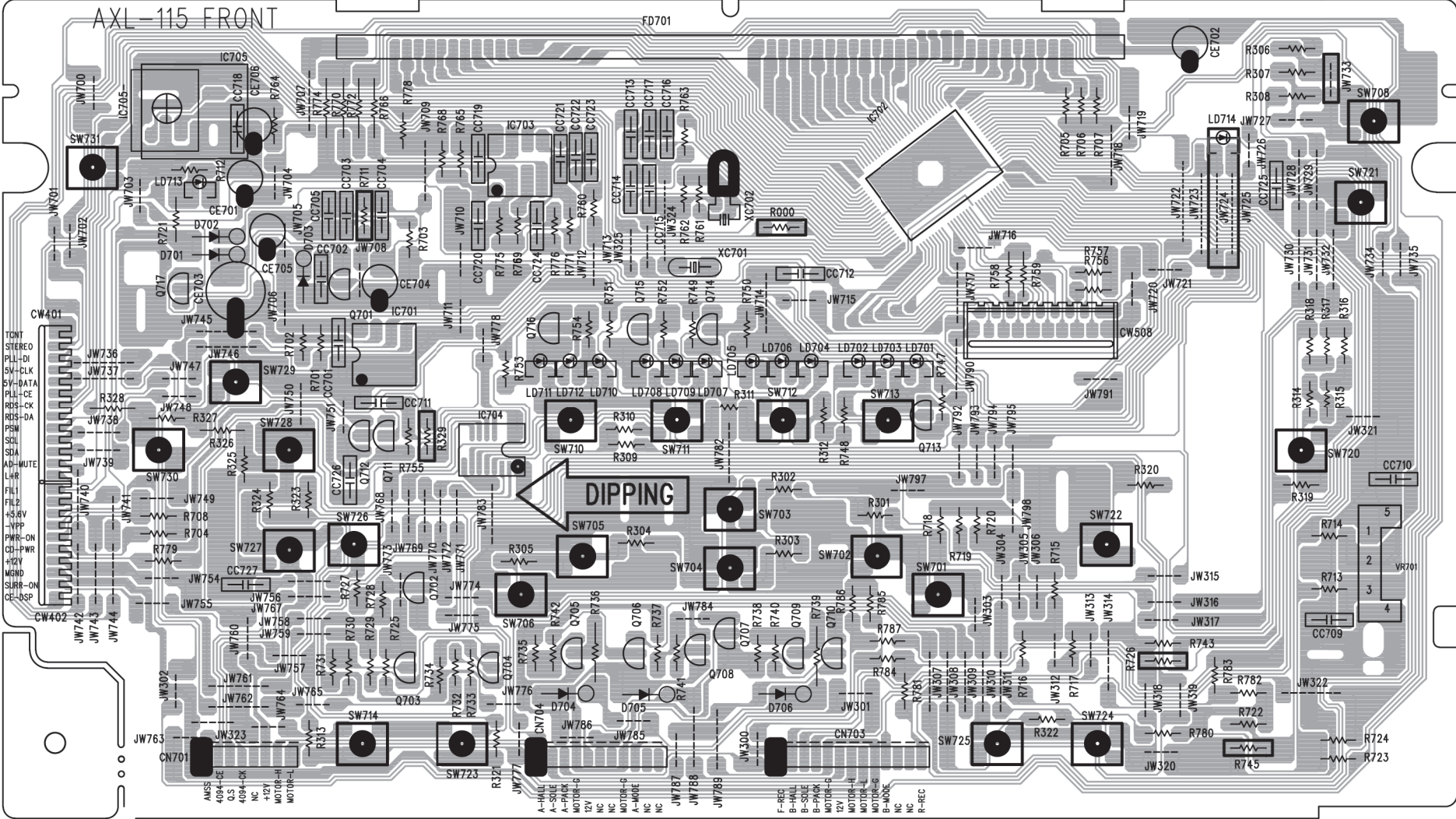
S/N : 9CD6579500

Ass'y Name : TAPE P.C.B



Model No : XL-118

Ass'y Name : Front PCB



Model No:XL-118
Ass'y Name: **POWER PCB**

Ass'y Name: **POWER PCB**



Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
1	PCB MAIN AS	10000	9CDC056900	AMI-926L		58	C ELECTRO	CE410	CEXF1H100V	50V RSS 10MF (5X11) TP	
2	PCB MAIN	B001	9CD6582100	197X330X1.6T		59	C ELECTRO	CE411-420	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
3	C CERA	CC000	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)		60	C ELECTRO	CE421	CEXF1E470V	25V RSS 47MF (5X11) TP	
4	C CERA	CC001	CCFB1H102K	HIKB 50V 1000PF K (FORMING)		61	C ELECTRO	CE422	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
5	C CERA	CC002	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		62	C ELECTRO	CE423	CEXF1E470V	25V RSS 47MF (5X11) TP	
6	C CERA	CC004	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		63	C ELECTRO	CE424	CEXF1H109V	50V RSS 1MF (5X11) TP	
7	C CERA	CC005-006	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		64	C ELECTRO	CE801-802	CEXF1K562V	RSS 80V 5600MF (5600/75V)	
8	C CERA	CC101	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		65	C ELECTRO	CE803-804	CEXF1H332V	RSS 50V 3300MF 26*41	
9	C CERA	CC102	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		66	C ELECTRO	CE805-806	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
10	C CERA	CC103	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		67	C ELECTRO	CE807-808	CEXF1E101V	25V RSS 100MF (6.3X11) TP	
11	C CERA	CC104	CFSL1H120J	SL 50V 12PF J (FORMING)		68	C ELECTRO	CE809-810	CEXF1J101V	63V RSS 100MF (6.3X11) TP	
12	C CERA	CC201	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		69	C MYLAR	CE811	CMXM2A104J	100V 0.1MF J	
13	C CERA	CC202	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		70	C ELECTRO	CE812-813	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
14	C CERA	CC203	CCFB1H101K	HIKB 50V 100PF K (FORMING)		71	C ELECTRO	CE815-816	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
15	C CERA	CC204	CCFB1H682K	HIKB 50V 6800PF K (FORMING)		72	C ELECTRO	CE817-819	CEXF1E101V	25V RSS 100MF (6.3X11) TP	
16	C CERA	CC205-207	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		73	C ELECTRO	CE901-904	CEXF1E470V	25V RSS 47MF (5X11) TP	
17	C CERA	CC209	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		74	C ELECTRO	CE905	CEXF1E102V	25V RSS 1000MF (13X20) TP	
18	C CERA	CC210-211	CCFB1H561K	HIKB 50V 560PF K (FORMING)		75	C ELECTRO	CE906	CEXF1E471V	25V RSS 470MF (10X16)	
19	C CERA	CC212	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)		76	C ELECTRO	CE907	CEXF1E470V	25V RSS 47MF (5X11) TP	
20	C CERA	CC213	CCFB1H472K	HIKB 50V 4700PF K (FORMING)		77	C ELECTRO	CE908	CEXF1H470V	50V RSS 47MF (6.3X11) TP	
21	C CERA	CC251-252	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		78	C ELECTRO	CE909	CEXF1H101V	50V RSS 100MF (8X11.5) TP	
22	C CERA	CC253-254	CCFB1H102K	HIKB 50V 1000PF K (FORMING)		79	C ELECTRO	CE910-911	CEXF1H470V	50V RSS 47MF (6.3X11) TP	
23	C CERA	CC255-256	CFSL1H330J	SL 50V 33PF J (FORMING)		80	C ELECTRO	CE912-913	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
24	C CERA	CC401-402	CCFB1H101K	HIKB 50V 100PF K (FORMING)		81	FILTER CERA	CF001-002	5PE107MS3A	SFE107MS3-A	
25	C CERA	CC403	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		82	C MYLAR	CM201-203	CMXM2A153J	100V 0.015MF J	
26	C CERA	CC404	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)		83	C MYLAR	CM204-205	CMXM2A103J	100V 0.01MF J	
27	C CERA	CC405-406	CCFB1H101K	HIKB 50V 100PF K (FORMING)		84	C MYLAR	CM206-207	CMXM2A562J	100V 5600PF J	
28	C CERA	CC409-410	CCFB1H101K	HIKB 50V 100PF K (FORMING)		85	C MYLAR	CM401-402	CMXM2A183J	100V 0.018MF J	
29	C CERA	CC411-412	CCFB1H102K	HIKB 50V 1000PF K (FORMING)		86	C MYLAR	CM403-404	CMXM2A223J	100V 0.022MF J	
30	C CERA	CC803-804	CCFB1H221K	HIKB 50V 220PF K (FORMING)		87	C MYLAR	CM405-408	CMXM2A104J	100V 0.1MF J	
31	C CERA	CC805-806	CCFB1H102K	HIKB 50V 1000PF K (FORMING)		88	C MYLAR	CM409-410	CMXM2A562J	100V 5600PF J	
32	C CERA	CC807-808	CFCH1H309C	CH 50V 3PF C (FORMING)		89	C MYLAR	CM801-802	CMXM2A273J	100V 0.027MF J	
33	C CERA	CC815-816	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)		90	C MYLAR	CM803-804	CMXM2A102J	100V 0.001MF J	
34	C CERA	CC817-819	CCFB1H472K	HIKB 50V 4700PF K (FORMING)		91	C MYLAR	CM805-806	CMXM2A104J	100V 0.1MF J	
35	C CERA	CC820	CCFF1H333Z	HIKF 50V 0.033MF Z (FORMING)		92	C MYLAR	CM807-808	CMXM2A473J	100V 0.047MF J	
36	C CERA	CC901-902	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)		93	C MYLAR	CM905-906	CMXM2A103J	100V 0.01MF J	
37	C CERA	CC903	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)		94	C MYLAR	CM907	CMXM2A104J	100V 0.1MF J	
38	C CERA	CC904-905	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		95	CONN PIN	CN401	9736407600	53095-1310 13PIN BASE	
39	C CERA	CC906	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)		96	CONN PIN	CN402	9736407800	53095-1010 10PIN BASE	
40	C CERA	CC907-910	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		97	CONN AS	CN901	9728804100	#22 10P P2.5 350 BOARD-IN	
41	C ELECTRO	CE001	CEXF1E470V	25V RSS 47MF (5X11) TP		98	WAFER	CW101	2503-WR-02	2P S2B-XH-A	
42	C ELECTRO	CE101	CEXF1H229V	50V RSS 2.2MF (5X11) TP		99	WAFER	CW509	2503-WS-08	8P 2.5MM	
43	C ELECTRO	CE102	CEXF1E221V	25V RSS 220MF (8X11.5) TP		100	WAFER	CW603	2503-WS-08	8P 2.5MM	
44	C ELECTRO	CE201	CEXF1E101V	25V RSS 100MF (6.3X11) TP		101	DIODE ZENER	DZ801-802	DZT28R2B--	MTZ 8.2B	
45	C ELECTRO	CE202	CEXF1H339V	50V RSS 3.3MF (5X11) TP		102	DIODE ZENER	DZ901	DZT212B---	MTZ 12V 26MM TAPPING	
46	C ELECTRO	CE203	CEXF1E470V	25V RSS 47MF (5X11) TP		103	DIODE ZENER	DZ902	DZT233B---	MTZ-33B	
47	C ELECTRO	CE204	CEXF1H220V	50V RSS 22MF (5X11) TP		104	DIODE ZENER	DZ903	DZT26R2B--	MTZ6.2B	
48	C ELECTRO	CE205	CEXF1H109V	50V RSS 1MF (5X11) TP		105	DIODE ZENER	DZ904	DZT23R6B--	MTZ-3.6 52MM TAPPING	
49	C ELECTRO	CE206	CEXF1H100V	50V RSS 10MF (5X11) TP		106	DIODE	D201	DZN4148---	IN4148 AUTO 52MM	
50	C ELECTRO	CE207-211	CEXF1H109V	50V RSS 1MF (5X11) TP		107	DIODE	D401-403	DZN4148---	IN4148 AUTO 52MM	
51	C ELECTRO	CE212	CEXF1H228V	50V RSS 0.22MF (5X11) TP		108	WIRE JUMPER	D404	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
52	C ELECTRO	CE213	CEXF1E221V	25V RSS 220MF (8X11.5) TP		109	DIODE	D801-809	DZN4148---	IN4148 AUTO 52MM	
53	C ELECTRO	CE214	CEXF1E101V	25V RSS 100MF (6.3X11) TP		110	DIODE	D901-904	DRL202---	RL202	
54	C ELECTRO	CE401-404	CEXF1H229V	50V RSS 2.2MF (5X11) TP		111	DIODE	D905-907	DIN4001---	IN4001	
55	C ELECTRO	CE405-406	CEXF1H109V	50V RSS 1MF (5X11) TP		112	DIODE	D910	DZN4148---	IN4148 AUTO 52MM	
56	C ELECTRO	CE407-408	CEXF1H229V	50V RSS 2.2MF (5X11) TP		113	IC	IC201	1BA1450S--	BA1450S	
57	C ELECTRO	CE409	CEXF1E221V	25V RSS 220MF (8X11.5) TP		114	IC	IC202	1LC72130--	LC72130	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
115	IC AUDIO	IC401	1TDA7439--	TDA7439		172	R CARBON FILM	R209	RD-AZ470J-	1/6 47 OHM J	
116	IC	IC402	1BA4560N--	BA4560N(H/P AMP)		173	R CARBON FILM	R210	RD-AZ472J-	1/6 4.7K OHM J	
117	IC	IC801	1STK411230	STK411-230E		174	R CARBON FILM	R211~212	RD-AZ222J-	1/6 2.2K OHM J	
118	IC	IC901	1L4959----	L4959		175	R CARBON FILM	R213~214	RD-AZ103J-	1/6 10K OHM J	
119	JACK ANT	J001	9736322201	PAT-646		176	R CARBON FILM	R215~216	RD-AZ102J-	1/6 1K OHM J	
120	JACK RCA	J401	9CD6313700	S-436P		177	R CARBON FILM	R217~218	RD-AZ474J-	1/6 470K OHM J	
121	JACK HEADPHONE	J801	9766319501	HTJ-064-05B GOLD		178	R CARBON FILM	R219	RD-AZ682J-	1/6 6.8K OHM J	
122	JACK SPEAKER	J802	9736320500	CJ-9007-040		179	R CARBON FILM	R221	RD-AZ332J-	1/6 3.3K OHM J	
123	COIL PEAKING	L001	5CPZ100K02	10UH K (AXIAL 3.5MM)		180	R CARBON FILM	R222~223	RD-AZ272J-	1/6 2.7K OHM J	
124	AM RF UNIT	L101	5LR0000207	RBW07VB-K5020		181	R CARBON FILM	R227~228	RD-AZ101J-	1/6 100 OHM J	
125	FILTER	L202	5PPCFAZ077	PCFAZ077		182	R CARBON FILM	R251	RD-AZ102J-	1/6 1K OHM J	
126	COIL DESCRIMINATO	L203	5107FBK473	7X7 BLK KSZ-73S		183	R CARBON FILM	R252	RD-AZ470J-	1/6 47 OHM J	
127	COIL CHOKE	L204~205	5LC682K822	6.8mH		184	R CARBON FILM	R253	RD-AZ222J-	1/6 2.2K OHM J	
128	R CARBON FILM	L208	RD-AZ103J-	1/6 10K OHM J		185	R CARBON FILM	R254	RD-AZ103J-	1/6 10K OHM J	
129	COIL PEAKING	L251	5CPZ100K02	10UH K (AXIAL 3.5MM)		186	R CARBON FILM	R255	RD-AZ100J-	1/6 10 OHM J	
130	WIRE JUMPER	L901	W581GY1005	AWG22 1/0.65 SN 10 AUTO		187	R CARBON FILM	R256	RD-AZ102J-	1/6 1K OHM J	
131	WIRE JUMPER	L902	W581GY1005	AWG22 1/0.65 SN 10 AUTO		188	R CARBON FILM	R257~258	RD-AZ103J-	1/6 10K OHM J	
132	TR	Q001	TZTC3194Y-	KTC3194Y		189	R CARBON FILM	R259	RD-AZ123J-	1/6 12K OHM J	
133	TR	Q003	TZRA107M--	KRA107M (KSR2006)		190	R CARBON FILM	R260~263	RD-AZ102J-	1/6 1K OHM J	
134	TR	Q201~202	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		191	R CARBON FILM	R264	RD-AZ222J-	1/6 2.2K OHM J	
135	TR	Q401~402	TZRA107M--	KRA107M (KSR2006)		192	R CARBON FILM	R265	RD-AZ103J-	1/6 10K OHM J	
136	TR	Q403~404	TZTD1302Y-	KTD1302Y AUTO		193	R CARBON FILM	R401~402	RD-AZ822J-	1/6 8.2K OHM J	
137	TR	Q803~808	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		194	R CARBON FILM	R403~404	RD-AZ153J-	1/6 15K OHM J	
138	TR	Q809~813	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)		195	R CARBON FILM	R405~406	RD-AZ472J-	1/6 4.7K OHM J	
139	TR	Q814	TZRC107M--	KRC107-M TAPPING(KSR1006)		196	R CARBON FILM	R407~408	RD-AZ182J-	1/6 1.8K OHM J	
140	TR	Q815	TZTA1275Y-	KTA1275-Y (AUTO)		197	R CARBON FILM	R409~410	RD-AZ102J-	1/6 1K OHM J	
141	TR	Q816	TZRC107M--	KRC107-M TAPPING(KSR1006)		198	R CARBON FILM	R411~412	RD-AZ104J-	1/6 100K OHM J	
142	TR	Q901	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		199	R CARBON FILM	R413~414	RD-AZ182J-	1/6 1.8K OHM J	
143	TR	Q902	TZTB1366Y-	KTB1366Y		200	R CARBON FILM	R415~416	RD-AZ332J-	1/6 3.3K OHM J	
144	TR	Q903	TZRA111M--	KRA111-M TAPPING(KSR2010)		201	R CARBON FILM	R417~418	RD-AZ102J-	1/6 1K OHM J	
145	TR	Q904	TZRC107M--	KRC107-M TAPPING(KSR1006)		202	R CARBON FILM	R419~420	RD-AZ104J-	1/6 100K OHM J	
146	TR	Q905	TZTA1274Y-	KTA1274Y-		203	R CARBON FILM	R421~422	RD-AZ102J-	1/6 1K OHM J	
147	TR	Q906	TZRA107M--	KRA107M (KSR2006)		204	R CARBON FILM	R423~424	RD-AZ682J-	1/6 6.8K OHM J	
148	TR	Q907	TZRC107M--	KRC107-M TAPPING(KSR1006)		205	R CARBON FILM	R425~426	RD-AZ272J-	1/6 2.7K OHM J	
149	TR	Q908~909	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		206	R CARBON FILM	R427~428	RD-AZ822J-	1/6 8.2K OHM J	
150	R FUSIBLE	RF901~902	RF01F4780J	0.47OHM 1W 32D		207	R CARBON FILM	R429~430	RD-AZ224J-	1/6 220K OHM J	
151	R SEMI FIXED	RV201	RV6417223-	VM6CK-PV(1S) B 22K OHM		208	R CARBON FILM	R431~432	RD-AZ102J-	1/6 1K OHM J	
152	SW RELAY	RY901	5SC0201103	OMI-SS-212DM		209	R CARBON FILM	R433~434	RD-AZ104J-	1/6 100K OHM J	
153	WIRE JUMPER	R002	W581GY6095	AWG22 1/0.65 SN 6 AUTO		210	R CARBON FILM	R435~437	RD-AZ101J-	1/6 100 OHM J	
154	R CARBON FILM	R003	RD-AZ470J-	1/6 47 OHM J		211	R CARBON FILM	R438~441	RD-AZ472J-	1/6 4.7K OHM J	
155	R CARBON FILM	R004	RD-AZ100J-	1/6 10 OHM J		212	R CARBON FILM	R442~443	RD-AZ222J-	1/6 2.2K OHM J	
156	R CARBON FILM	R005	RD-AZ332J-	1/6 3.3K OHM J		213	R CARBON FILM	R445~446	RD-AZ104J-	1/6 100K OHM J	
157	R CARBON FILM	R006	RD-AZ681J-	1/6 680 OHM J		214	R CARBON FILM	R447~448	RD-AZ102J-	1/6 1K OHM J	
158	R CARBON FILM	R007	RD-AZ331J-	1/6 330 OHM J		215	R CARBON FILM	R449~450	RD-AZ104J-	1/6 100K OHM J	
159	R CARBON FILM	R008	RD-AZ101J-	1/6 100 OHM J		216	R CARBON FILM	R451~452	RD-AZ220J-	1/6 22 OHM J	
160	R CARBON FILM	R009	RD-AZ100J-	1/6 10 OHM J		217	R CARBON FILM	R801~802	RD-AZ563J-	1/6 56K OHM J	
161	R CARBON FILM	R101	RD-AZ472J-	1/6 4.7K OHM J		218	R CARBON FILM	R803~804	RD-AZ182J-	1/6 1.8K OHM J	
162	R CARBON FILM	R102	RD-AZ101J-	1/6 100 OHM J		219	R CARBON FILM	R805~806	RD-AZ683J-	1/6 68K OHM J	
163	R CARBON FILM	R103~105	RD-AZ472J-	1/6 4.7K OHM J		220	R CARBON FILM	R807	RD-AZ333J-	1/4 33K OHM J	
164	R CARBON FILM	R106	RD-AZ332J-	1/6 3.3K OHM J		221	R CARBON FILM	R808	RD-AZ683J-	1/6 68K OHM J	
165	R CARBON FILM	R107	RD-AZ223J-	1/6 22K OHM J		222	R CEMENT	R809~810	RX02L228J-	2W 0.22 OHM J	
166	R CARBON FILM	R113	RD-AZ104J-	1/6 100K OHM J		223	R CARBON FILM	R811~812	RD-AZ272J-	1/6 2.7K OHM J	
167	R CARBON FILM	R201	RD-AZ183J-	1/6 18K OHM J		224	R CARBON FILM	R813~814	RD-AZ562J-	1/6 5.6K OHM J	
168	R CARBON FILM	R203	RD-AZ183J-	1/6 18K OHM J		225	R CARBON FILM	R815~816	RD-AZ273J-	1/6 27K OHM J	
169	R CARBON FILM	R206	RD-AZ100J-	1/6 10 OHM J		226	R CARBON FILM	R817~418	RD-AZ823J-	1/6 82K OHM J	
170	R CARBON FILM	R207	RD-AZ472J-	1/6 4.7K OHM J		227	R CARBON FILM	R819~820	RD-AZ104J-	1/6 100K OHM J	
171	R CARBON FILM	R208	RD-AZ102J-	1/6 1K OHM J		228	R CARBON FILM	R821~828	RD-AZ103J-	1/6 10K OHM J	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
229	R CARBON FILM	R829-832	RD-AZ220J-	1/6 22 OHM J		26	C ELECTRO	CE510	CEXF1H100V	50V RSS 10MF (5X11) TP	
230	R CARBON FILM	R833-834	RD-AZ332J-	1/6 3.3K OHM J		27	C ELECTRO	CE511	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
231	R METAL FILM	R835-836	RN01B101J-	1W 100 OHM J		28	C ELECTRO	CE512	CEXF1H338V	50V RSS 0.33MF (5X11) TP	
232	R CARBON FILM	R837-838	RD-AZ392J-	1/6 3.9K OHM J		29	C ELECTRO	CE513-514	CEXF1E101V	25V RSS 100MF (6.3X11) TP	
233	R CARBON FILM	R839	RD-AZ223J-	1/6 22K OHM J		30	C ELECTRO	CE515	CEXF1H109V	50V RSS 1MF (5X11) TP	
234	R CARBON FILM	R840	RD-AZ222J-	1/6 2.2K OHM J		31	C ELECTRO	CE516	CEXF1E101V	25V RSS 100MF (6.3X11) TP	
235	R CARBON FILM	R841	RD-AZ223J-	1/6 22K OHM J		32	C ELECTRO	CE517	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
236	R CARBON FILM	R843	RD-AZ103J-	1/6 10K OHM J		33	C ELECTRO	CE518	CEXF1E470V	25V RSS 47MF (5X11) TP	
237	R CARBON FILM	R844	RD-AZ273J-	1/6 27K OHM J		34	C ELECTRO	CE519-520	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
238	R CARBON FILM	R849-852	RD-4Z689J-	1/4 6.8 OHM J		35	C ELECTRO	CE521	CEXF1E101V	25V RSS 100MF (6.3X11) TP	
239	R CARBON FILM	R854-857	RD-4Z471J-	1/4 470 OHM J		36	C ELECTRO	CE522-523	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
240	R CARBON FILM	R901	RD-AZ103J-	1/6 10K OHM J		37	C ELECTRO	CE524	CEXF1E221V	25V RSS 220MF (8X11.5) TP	
241	R CARBON FILM	R902	RD-AZ223J-	1/6 22K OHM J		38	C ELECTRO	CE525	CEXF1E101V	25V RSS 100MF (6.3X11) TP	
242	R CARBON FILM	R903	RD-AZ473J-	1/6 47K OHM J		39	C MYLAR	CM501	CMXM2A473J	100V 0.047MF J	
243	R CARBON FILM	R904	RD-AZ103J-	1/6 10K OHM J		40	C MYLAR	CM502	CMXM2A103J	100V 0.01MF J	
244	R CARBON FILM	R905	RD-AZ473J-	1/6 47K OHM J		41	C MYLAR	CM503-504	CMXM2A104J	100V 0.1MF J	
245	R CARBON FILM	R906	RD-AZ103J-	1/6 10K OHM J		42	C MYLAR	CM505-506	CMXM2A103J	100V 0.01MF J	
246	R CARBON FILM	R907	RD-AZ471J-	1/6 470 OHM J		43	C MYLAR	CM507	CMXM2A333J	100V 0.033MF J	
247	R CARBON FILM	R908	RD-AZ102J-	1/6 1K OHM J		44	C MYLAR	CM508-509	CMXM2A472J	100V 4700PF J	
248	R CARBON FILM	R909	RD-AZ222J-	1/6 2.2K OHM J		45	C MYLAR	CM510	CMXM2A103J	100V 0.01MF J	
249	R CARBON FILM	R910	RD-AZ471J-	1/6 470 OHM J		46	C MYLAR	CM511	CMXM2A104J	100V 0.1MF J	
250	R CARBON FILM	R911	RD-AZ100J-	1/6 10 OHM J		47	C MYLAR	CM512	CMXM2A222J	100V 2200PF J	
251	R CARBON FILM	R912-913	RD-AZ103J-	1/6 10K OHM J		48	C MYLAR	CM513-514	CMXM2A104J	100V 0.1MF J	
252	R CARBON FILM	R914-915	RD-AZ221J-	1/6 220 OHM J		49	C MYLAR	CM515	CMXM2A333J	100V 0.033MF J	
253	R CARBON FILM	R916-917	RD-AZ109J-	1/6 1 OHM J		50	C MYLAR	CM516	CMXM2A472J	100V 4700PF J	
254	R CARBON FILM	R919	RD-AZ100J-	1/6 10 OHM J		51	C MYLAR	CM517	CMXM2A103J	100V 0.01MF J	
255	R CARBON FILM	R920	RD-AZ472J-	1/6 4.7K OHM J		52	C MYLAR	CM518	CMXM2A152J	100V 1500PF J	
256	R CARBON FILM	R922	RD-AZ103J-	1/6 10K OHM J		53	C MYLAR	CM519	CMXM2A103J	100V 0.01MF J	
257	R CARBON FILM	R923	RD-AZ472J-	1/6 4.7K OHM J		54	C MYLAR	CM520	CMXM2A333J	100V 0.033MF J	
258	R CARBON FILM	R924	RD-AZ103J-	1/6 10K OHM J		55	C MYLAR	CM521	CMXM2A103J	100V 0.01MF J	
259	TUNER PACK	TU001	9737613201	KST-F401VA-3		56	C MYLAR	CM522	CMXM2A333J	100V 0.033MF J	
260	X-TAL	XC251	5XA7R2000D	7.2M		57	C MYLAR	CM523	CMXM2A152J	100V 1500PF J	
1	PCB CD AS	11000	9CDC053400	AMI-516DPN		58	C MYLAR	CM525	CMXM2A152J	100V 1500PF J	
2	PCB CD	B501	9CD6579500-07	247X197X1.6T		59	CONN AS	CN501	9738840800	FFC 16P P1.0X250MM R	
3	C CERA	CC501	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)		60	CONN AS	CN509	9738832102	8P 240 P=2.5 BOARDIN	
4	C CERA	CC502	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)		61	WAFER	CW501	9CD6259300	52807-1610	
5	C CERA	CC503	CCFB1H102K	HIKB 50V 1000PF K (FORMING)		62	WAFER	CW502	2503-WS-02	2P 2.5MM	
6	C CERA	CC504-505	CFSL1H330J	SL 50V 33PF J (FORMING)		63	WAFER	CW503	2001-WS-06	6P 2.0MM	
7	C CERA	CC506	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)		64	WAFER	CW507	2001-WS-12	12P 2.0MM	
8	C CERA	CC508	CFSL1H330J	SL 50V 33PF J (FORMING)		65	WAFER	CW508	9736408400	52045-1945 19P	
9	C CERA	CC509	CCFB1H102K	HIKB 50V 1000PF K (FORMING)		66	DIODE	D501	DZN4148---	IN4148 AUTO 52MM	
10	C CERA	CC511	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)		67	DIODE ZENER	DZ501-502	DZTZ5R6B--	UZ-5.6B	
11	C CERA	CC512	CCFB1H151K	HIKB 50V 150PF K (FORMING)		68	DIODE ZENER	DZ503	DZTZ3R9B--	UZ-3.9B	
12	C CERA	CC513	CCFB1H331K	HIKB 50V 330PF K (FORMING)		69	DIODE ZENER	DZ504	DZTZ5R6B--	UZ-5.6B	
13	C CERA	CC514	CCFB1H151K	HIKB 50V 150PF K (FORMING)		70	IC CHIP DSP	IC501	1KS9286B--	KS9286B DSP+DAC	
14	C CERA	CC515	CCFB1H331K	HIKB 50V 330PF K (FORMING)		71	IC CHIP RF	IC502	1KB9223---	KB9223 RF+SSP+AF	
15	C CERA	CC517-520	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		72	IC CHIP	IC503	1KA9258D--	KA9258D	
16	C CERA	CC521	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)		73	IC	IC504-505	1DBL2084--	DBL2084(D/W)	
17	C CERA	CC522-525	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		74	R CARBON FILM	JW565	RD-2Y150J-	1/2 15 OHM J	
18	C CERA	CC526	CCFB1H331K	HIKB 50V 330PF K (FORMING)		75	R CARBON FILM	R578	RD-4Z109J-	1/4 1 OHM J	
19	C CERA	CC527-528	CCFB1H222K	HIKB 50V 2200PF K (FORMING)		76	R CARBON FILM	JW578	RD-AZ472J-	1/6 4.7K OHM J	
20	C ELECTRO	CE501	CEXF1E470V	25V RSS 47MF (5X11) TP		77	COIL PEAKING	L501-502	5CPZ101K02	100UH K (AXIAL 3.5MM)	
21	C ELECTRO	CE502	CEXF1C102V	16V RSS 1000MF 13X20		78	TR	Q501	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
22	C ELECTRO	CE503-505	CEXF1E101V	25V RSS 100MF (6.3X11) TP		79	TR	Q502	TZSC2331Y-	KSC2331Y	
23	C ELECTRO	CE506	CEXF1H100V	50V RSS 10MF (5X11) TP		80	TR	Q503-504	TZSA928AY-	KSA928A-Y	
24	C ELECTRO	CE507	CEXF1E101V	25V RSS 100MF (6.3X11) TP		81	R CARBON FILM	R501	RD-AZ100J-	1/6 10 OHM J	
25	C ELECTRO	CE508-509	CEXF1H478V	50V RSS 0.47MF (5X11) TP		82	R CARBON FILM	R502	RD-AZ561J-	1/6 560 OHM J	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
83	R CARBON FILM	R503	RD-AZ121J-	1/6 120 OHM J		11	C CERA	CC711	CCZB1H221K	HIKB 50V 220PF K (AXIAL)	
84	R CARBON FILM	R504	RD-AZ102J-	1/6 1K OHM J		12	C CERA	CC712	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)	
85	R CARBON FILM	R505-506	RD-AZ332J-	1/6 3.3K OHM J		13	C CERA	CC713-714	CZSL1H330J	SL 50V 33PF J (AXIAL)	
86	R CARBON FILM	R507	RD-AZ273J-	1/6 27K OHM J		14	C CERA	CC715	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)	
87	R CARBON FILM	R508	RD-AZ105J-	1/6 1M OHM J		15	C CERA	CC716	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)	
88	R CARBON FILM	R509	RD-AZ822J-	1/6 8.2K OHM J		16	C CERA	CC717	CZCH1H150J	CH 50V 15PF J (AXIAL)	
89	R CARBON FILM	R510	RD-AZ154J-	1/6 150K OHM J		17	C CERA	CC718	CZCH1H180J	CH 50V 18PF J (AXIAL)	
90	R CARBON FILM	R511	RD-AZ104J-	1/6 100K OHM J		18	C CERA	CC719-720	CCZB1H101K	HIKB 50V 100PF K (AXIAL)	
91	R CARBON FILM	R512	RD-AZ102J-	1/6 1K OHM J		19	C CERA	CC721-723	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)	
92	R CARBON FILM	R513	RD-AZ123J-	1/6 12K OHM J		20	C CERA	CC726	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)	
93	R CARBON FILM	R514	RD-AZ124J-	1/6 120K OHM J		21	C CERA	CC727	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)	
94	R CARBON FILM	R515	RD-AZ473J-	1/6 47K OHM J		22	C CERA	CC728	CCZB1H102K	HIKB 50V 1000PF K (AXIAL)	
95	R CARBON FILM	R516	RD-AZ683J-	1/6 68K OHM J		23	C ELECTRO	CE701-702	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
96	R CARBON FILM	R517	RD-AZ153J-	1/6 15K OHM J		24	C ELECTRO	CE704	CEXF1H109V	50V RSS 1MF (5X11) TP	
97	R CARBON FILM	R518	RD-AZ563J-	1/6 56K OHM J		25	C ELECTRO	CE706	CEXF1A102V	10V RSS 1000MF (8X12.5)	
98	R CARBON FILM	R519	RD-AZ104J-	1/6 100K OHM J		26	C ELECTRO	CE707	CEXF1E101V	25V RSS 100MF (6.3X11) TP	
99	R CARBON FILM	R520	RD-AZ124J-	1/6 120K OHM J		27	C ELECTRO	CE708	CEXF1H100V	50V RSS 10MF (5X11) TP	
100	R CARBON FILM	R521	RD-AZ393J-	1/6 39K OHM J		28	CONN AS	CN701	9738835900	UL2468 200MM P2.0 10P	
101	R CARBON FILM	R522	RD-AZ474J-	1/6 470K OHM J		29	CONN AS	CN703	9738834100	#26 13P FLAT 110MM	
102	R CARBON FILM	R523	RD-AZ102J-	1/6 1K OHM J		30	CONN AS	CN704	9738834000	#26 2.0PITCH 11P FLAT 150	
103	R CARBON FILM	R524	RD-AZ104J-	1/6 100K OHM J		31	PIN WAFER	CW401	9736407700	52084-1310 13P BOTTOM	
104	R CARBON FILM	R525	RD-AZ154J-	1/6 150K OHM J		32	PIN WAFER	CW402	9736407900	52084-1010 10P BOTTOM	
105	R CARBON FILM	R526-527	RD-AZ153J-	1/6 15K OHM J		33	WAFER	CW508	9736408300	52492-1920 19P BOTTOM	
106	R CARBON FILM	R528	RD-AZ220J-	1/6 22 OHM J		34	DIODE	D705-707	DZN4148---	IN4148 AUTO 52MM	
107	R CARBON FILM	R529	RD-AZ823J-	1/6 82K OHM J		35	WIRE JUMPER	D708	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
108	R CARBON FILM	R530-533	RD-AZ683J-	1/6 68K OHM J		36	DIODE	D709	DZN4148---	IN4148 AUTO 52MM	
109	R CARBON FILM	R534	RD-AZ823J-	1/6 82K OHM J		37	WIRE JUMPER	D710	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
110	R CARBON FILM	R536-537	RD-AZ153J-	1/6 15K OHM J		38	DIODE	D711-713	DZN4148---	IN4148 AUTO 52MM	
111	R CARBON FILM	R539	RD-AZ474J-	1/6 470K OHM J		39	VFD	FD701	DBJ703GNK-	BJ703GNK	
112	R CARBON FILM	R540	RD-AZ273J-	1/6 27K OHM J		40	IC	IC701	1M24C04---	M24C04-BN6	
113	R CARBON FILM	R541-543	RD-AZ562J-	1/6 5.6K OHM J		41	IC	IC702	1MSGEQ5A-	MSGEQ5A	
114	R CARBON FILM	R544	RD-AZ273J-	1/6 27K OHM J		42	IC	IC704	1HEG838---	HEG838	
115	R CARBON FILM	R546-548	RD-AZ562J-	1/6 5.6K OHM J		43	IC	IC705	1M38199926	MICOM M38199MF-243FP	
116	R CARBON FILM	R549-550	RD-AZ273J-	1/6 27K OHM J		44	IC	IC706	1BU4094BCF	BU4094BCF(SOP16)	
117	R CARBON FILM	R551	RD-AZ184J-	1/6 180K OHM J		45	LED	LD701-702	DLTL16KGE-	LTL-16KGE(GREEN)PI3.1	
118	R CARBON FILM	R552	RD-2Y229J-	1/2 2.2 OHM J		46	LED	LD703	DLTL16KKEE-	LTL-16KEE(RED)PI3.1	
119	R CARBON FILM	R554	RD-2Y150J-	1/2 15 OHM J		47	LED	LD704-705	DLTL16KGE-	LTL-16KGE(GREEN)PI3.1	
120	R CARBON FILM	R555	RD-2Y100J-	1/2 10 OHM J		48	LED	LD706	DLTL16KKEE-	LTL-16KEE(RED)PI3.1	
121	R CARBON FILM	R556-561	RD-AZ472J-	1/6 4.7K OHM J		49	LED	LD707-708	DLTL16KGE-	LTL-16KGE(GREEN)PI3.1	
122	R CARBON FILM	R562	RD-AZ103J-	1/6 10K OHM J		50	LED	LD709	DLTL16KKEE-	LTL-16KEE(RED)PI3.1	
123	R CARBON FILM	R563-566	RD-AZ104J-	1/6 100K OHM J		51	LED	LD710-711	DLTL16KGE-	LTL-16KGE(GREEN)PI3.1	
124	R CARBON FILM	R567	RD-AZ472J-	1/6 4.7K OHM J		52	LED	LD712	DLTL16KKEE-	LTL-16KEE(RED)PI3.1	
125	R CARBON FILM	R568	RD-AZ221J-	1/6 220 OHM J		53	TR	Q701	TZRC107M-	KRC107-M TAPPING(KSR1006)	
126	R CARBON FILM	R569	RD-AZ102J-	1/6 1K OHM J		54	TR	Q702-703	TZRC111M-	KRC111M (KSR1010)	
127	R CARBON FILM	R575	RD-AZ104J-	1/6 100K OHM J		55	TR	Q704	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
128	R CARBON FILM	R577	RD-AZ103J-	1/6 10K OHM J		56	TR	Q705	TZTA1273Y-	KTA1273Y(966Y)	
129	RESONATOR CERA	XC501	5PCSA16R93	CSA16.93MXZ04		57	TR	Q706	TZRC107M-	KRC107-M TAPPING(KSR1006)	
1	PANEL FRONT AS	15000	9CDM041200	XL-118L		58	TR	Q707	TZTA1273Y-	KTA1273Y(966Y)	
2	PCB FRONT	B001	9CD6583080	247X139		59	TR	Q708	TZRC107M-	KRC107-M TAPPING(KSR1006)	
3	C CERA	CC701	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		60	TR	Q709	TZTA1273Y-	KTA1273Y(966Y)	
4	C CERA	CC702	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		61	TR	Q710	TZRC107M-	KRC107-M TAPPING(KSR1006)	
5	C CERA	CC703	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		62	TR	Q711-715	TZRA111M-	KRA111-M TAPPING(KSR2010)	
6	C CERA	CC704-705	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		63	TR	Q716	TZRC107M-	KRC107-M TAPPING(KSR1006)	
7	C CERA	CC706	CZSL1H330J	SL 50V 33PF J (AXIAL)		64	R CARBON FILM	R301	RD-AZ101J-	1/6 100 OHM J	
8	C CERA	CC707	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		65	R CARBON FILM	R302	RD-AZ151J-	1/6 150 OHM J	
9	C CERA	CC708-709	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		66	R CARBON FILM	R303	RD-AZ181J-	1/6 180 OHM J	
10	C CERA	CC710	CCZB1H101K	HIKB 50V 100PF K (AXIAL)		67	R CARBON FILM	R304	RD-AZ271J-	1/6 270 OHM J	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
68	R CARBON FILM	R305	RD-AZ331J-	1/6 330 OHM J		125	R CARBON FILM	R759	RD-AZ393J-	1/6 39K OHM J	
69	R CARBON FILM	R306	RD-AZ391J-	1/6 390 OHM J		126	R CARBON FILM	R760	RD-AZ683J-	1/6 68K OHM J	
70	R CARBON FILM	R307	RD-AZ471J-	1/6 470 OHM J		127	R CARBON FILM	R761	RD-AZ334J-	1/6 330K OHM J	
71	R CARBON FILM	R308	RD-AZ561J-	1/6 560 OHM J		128	R CARBON FILM	R762	RD-AZ104J-	1/6 100K OHM J	
72	R CARBON FILM	R309	RD-AZ821J-	1/6 820 OHM J		129	R CARBON FILM	R763	RD-AZ334J-	1/6 330K OHM J	
73	R CARBON FILM	R310	RD-AZ101J-	1/6 100 OHM J		130	R CARBON FILM	R764	RD-AZ104J-	1/6 100K OHM J	
74	R CARBON FILM	R311	RD-AZ151J-	1/6 150 OHM J		131	R CARBON FILM	R767	RD-AZ390J-	1/6 39 OHM J	
75	R CARBON FILM	R312	RD-AZ181J-	1/6 180 OHM J		132	R CARBON FILM	R768	RD-AZ391J-	1/6 390 OHM J	
76	R CARBON FILM	R313	RD-AZ271J-	1/6 270 OHM J		133	R CARBON FILM	R769	RD-AZ271J-	1/6 270 OHM J	
77	R CARBON FILM	R314	RD-AZ331J-	1/6 330 OHM J		134	R CARBON FILM	R770	RD-AZ391J-	1/6 390 OHM J	
78	R CARBON FILM	R315	RD-AZ391J-	1/6 390 OHM J		135	R CARBON FILM	R771	RD-AZ271J-	1/6 270 OHM J	
79	R CARBON FILM	R316	RD-AZ471J-	1/6 470 OHM J		136	R CARBON FILM	R772	RD-AZ391J-	1/6 390 OHM J	
80	R CARBON FILM	R317	RD-AZ561J-	1/6 560 OHM J		137	R CARBON FILM	R773	RD-AZ271J-	1/6 270 OHM J	
81	R CARBON FILM	R318	RD-AZ821J-	1/6 820 OHM J		138	R CARBON FILM	R774	RD-AZ391J-	1/6 390 OHM J	
82	R CARBON FILM	R319	RD-AZ101J-	1/6 100 OHM J		139	R CARBON FILM	R775	RD-AZ271J-	1/6 270 OHM J	
83	R CARBON FILM	R320	RD-AZ151J-	1/6 150 OHM J		140	R CARBON FILM	R776~777	RD-AZ103J-	1/6 10K OHM J	
84	R CARBON FILM	R321	RD-AZ181J-	1/6 180 OHM J		141	R CARBON FILM	R778~780	RD-AZ152J-	1/6 1.5K OHM J	
85	R CARBON FILM	R323	RD-AZ152J-	1/6 1.5K OHM J		142	R CARBON FILM	R781	RD-AZ333J-	1/6 33K OHM J	
86	R CARBON FILM	R324	RD-AZ272J-	1/6 2.7K OHM J		143	R CARBON FILM	R782	RD-AZ393J-	1/6 39K OHM J	
87	R CARBON FILM	R325	RD-AZ152J-	1/6 1.5K OHM J		144	R CARBON FILM	R787	RD-AZ472J-	1/6 4.7K OHM J	
88	R CARBON FILM	R705	RD-AZ103J-	1/6 10K OHM J		145	SW TACT	SW701	5S50101001	KPT-1105A 1C-1P	
89	R CARBON FILM	R707~709	RD-AZ683J-	1/6 68K OHM J		146	SW TACT	SW703~715	5S50101001	KPT-1105A 1C-1P	
90	R CARBON FILM	R711~716	RD-AZ103J-	1/6 10K OHM J		147	SW TACT	SW718~724	5S50101001	KPT-1105A 1C-1P	
91	R CARBON FILM	R717	RD-AZ106J-	1/6 10M OHM J		148	SW TACT	SW726~728	5S50101001	KPT-1105A 1C-1P	
92	R CARBON FILM	R718	RD-AZ334J-	1/6 330K OHM J		149	SW ENCORDER	VR702	5SH162402-	EC16B24208 24P W/DETENT	
93	R CARBON FILM	R719	RD-AZ101J-	1/6 100 OHM J		150	RESONATOR	XC701	5PCSABMTZ-	CSALA8M00T55-B0 (8.00MTZ)	
94	R CARBON FILM	R720	RD-AZ100J-	1/6 10 OHM J		151	X-TAL	XC702	5XA32R768-	DT-38 32.768KHZ 20PPM	
95	R CARBON FILM	R721~722	RD-AZ103J-	1/6 10K OHM J		1	PCB TAPE AS	13000	9CDC0505N1	AMI-926L	
96	R CARBON FILM	R723	RD-AZ224J-	1/6 220K OHM J		2	PCB TAPE	B601	9CD6577200	247X197X1.6T	
97	R CARBON FILM	R724	RD-AZ101J-	1/6 100 OHM J		3	C CERA	CC601~608	CCFB1H821K	HIKB 50V 820PF K (FORMING)	
98	R CARBON FILM	R725	RD-AZ102J-	1/6 1K OHM J		4	C CERA	CC609	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
99	R CARBON FILM	R726	RD-AZ224J-	1/6 220K OHM J		5	C CERA	CC611~612	CFSL1H470J	SL 50V 47PF J (FORMING)	
100	R CARBON FILM	R727	RD-AZ102J-	1/6 1K OHM J		6	C CERA	CC613~614	CCFB1H121K	HIKB 50V 120PF K (FORMING)	
101	R CARBON FILM	R728	RD-AZ101J-	1/6 100 OHM J		7	C CERA	CC631	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)	
102	R CARBON FILM	R729	RD-AZ222J-	1/6 2.2K OHM J		8	C ELECTRO	CE601	CEXF1E470V	25V RSS 47MF (5X11) TP	
103	R CARBON FILM	R730	RD-AZ101J-	1/6 100 OHM J		9	C ELECTRO	CE602	CEXF1E101V	25V RSS 100MF (6.3X11) TP	
104	R CARBON FILM	R731	RD-AZ103J-	1/6 10K OHM J		10	C ELECTRO	CE603~604	CEXF1E470V	25V RSS 47MF (5X11) TP	
105	R CARBON FILM	R733	RD-AZ103J-	1/6 10K OHM J		11	C ELECTRO	CE605~608	CEXF1H100V	50V RSS 10MF (5X11) TP	
106	R CARBON FILM	R734	RD-AZ102J-	1/6 1K OHM J		12	C ELECTRO	CE609~610	CEXF1H109V	50V RSS 1MF (5X11) TP	
107	R CARBON FILM	R735	RD-AZ103J-	1/6 10K OHM J		13	C ELECTRO	CE611~612	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
108	R CARBON FILM	R736~737	RD-AZ102J-	1/6 1K OHM J		14	C ELECTRO	CE613~614	CEXF1H108V	50V RSS 0.1MF (5X11) TP	
109	R CARBON FILM	R738	RD-AZ103J-	1/6 10K OHM J		15	C ELECTRO	CE615~618	CEXF1H100V	50V RSS 10MF (5X11) TP	
110	R CARBON FILM	R739~740	RD-AZ102J-	1/6 1K OHM J		16	C ELECTRO	CE619	CEXF1H220V	50V RSS 22MF (5X11) TP	
111	R CARBON FILM	R741	RD-AZ103J-	1/6 10K OHM J		17	C ELECTRO	CE620	CEXF1H108V	50V RSS 0.1MF (5X11) TP	
112	R CARBON FILM	R742	RD-AZ222J-	1/6 2.2K OHM J		18	C ELECTRO	CE621	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
113	R CARBON FILM	R743	RD-4Z229J-	1/4 2.2 OHM J		19	C ELECTRO	CE631~633	CEXF1E470V	25V RSS 47MF (5X11) TP	
114	R CARBON FILM	R744	RD-AZ102J-	1/6 1K OHM J		20	C MYLAR	CM601~602	CMXM2A273J	100V 0.027MF J	
115	R CARBON FILM	R745	RD-AZ222J-	1/6 2.2K OHM J		21	C MYLAR	CM603~604	CMXM2A183J	100V 0.018MF J	
116	R CARBON FILM	R746	RD-AZ102J-	1/6 1K OHM J		22	C MYLAR	CM605~606	CMXM2A152J	100V 1500PF J	
117	R CARBON FILM	R747	RD-AZ222J-	1/6 2.2K OHM J		23	C MYLAR	CM607~608	CMXM2A103J	100V 0.01MF J	
118	R CARBON FILM	R748	RD-4Z229J-	1/4 2.2 OHM J		24	C MYLAR	CM611~614	CMXM2A102J	100V 1000PF J	
119	R CARBON FILM	R749	RD-AZ102J-	1/6 1K OHM J		25	C MYLAR	CM615~616	CMXM2A332J	100V 3300PF J	
120	R CARBON FILM	R750~751	RD-AZ473J-	1/6 47K OHM J		26	C MYLAR	CM617	CMXM2A223J	100V 0.022MF J	
121	R CARBON FILM	R752	RD-AZ472J-	1/6 4.7K OHM J		27	C MYLAR	CM618	CMXM2A332J	100V 3300PF J	
122	R CARBON FILM	R753~754	RD-AZ103J-	1/6 10K OHM J		28	CONN AS	CN603	9738806500	#28 2547*2 1007*2 8P 150MM	
123	R CARBON FILM	R756	RD-AZ333J-	1/6 33K OHM J		29	WAFER	CW601	2503-WS-03	3P 2.5MM	
124	R CARBON FILM	R758	RD-AZ103J-	1/6 10K OHM J		30	WAFER	CW602	2503-WS-07	7P 2.5MM	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
31	WAFER	CW701	2001-WS-10	10P 2.0MM		88	R CARBON FILM	R661-662	RD-AZ563J-	1/6 56K OHM J	
32	DIODE	D601	DZN4148--	IN4148 AUTO 52MM		89	R CARBON FILM	R663	RD-AZ470J-	1/6 47 OHM J	
33	DIODE	D606-609	DZN4148--	IN4148 AUTO 52MM		90	R CARBON FILM	R664	RD-AZ472J-	1/6 4.7K OHM J	
34	IC	IC601	1M51167BFP	M51167BFP (SOP36S)		91	R CARBON FILM	R671	RD-AZ390J-	1/6 39 OHM J	
35	IC	IC602	1UPC1330HA	UPC1330HA		92	R CARBON FILM	R672-674	RD-AZ102J-	1/6 1K OHM J	
36	IC	IC603	1BU4094BCF	BU4094BCF(SOP16)		93	R CARBON FILM	R675	RD-AZ103J-	1/6 10K OHM J	
37	COIL CHOKE	L601-602	5LC333K804	33MH K		94	R CARBON FILM	R687	RD-AZ331J-	1/6 330 OHM J	
38	COIL BIAS OSC	L603	5L0503K643	SM-10F 5.04MH		95	R CARBON FILM	R688	RD-AZ472J-	1/6 4.7K OHM J	
39	TR	Q601-602	TZRC111M--	KRC111M (KSR1010)		96	R CARBON FILM	R689	RD-AZ561J-	1/6 560 OHM J	
40	TR	Q605-606	TZRC111M--	KRC111M (KSR1010)		97	R CARBON FILM	R690	RD-AZ104J-	1/6 100K OHM J	
41	TR	Q607	TZRC107M--	KRC107-M TAPPING(KSR1006)		1	PCB POWER AS	14000	9CDC057100	AMI-926L	
42	TR	Q608	TZRC111M--	KRC111M (KSR1010)		2	PCB POWER	B901	9CD6581000	247X197	
43	TR	Q611-612	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		3	C MYLAR	CM908-915	CMXM2A104J	100V 0.1MF J	
44	TR	Q613	TZRA111M--	KRA111-M TAPPING(KSR2010)		4	WAFER	CW901	2503-WS-10	10P 2.5MM	
45	TR	Q614-616	TZRA107M--	KRA107M (KSR2006)		5	DIODE	DB901-902	DKBJ604G--	KBJ604G	
46	TR	Q621-622	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		6	CLIP FUSE	FC901-904	9734600700	FC-5N	
47	TR	Q623	TZRA111M--	KRA111-M TAPPING(KSR2010)		7	FUSE GLASS TUBE	F901	5FSGB3122L	SEMKO TL 3.15A 250V MF51	
48	TR	Q624	TZTA1273Y-	KTA1273Y(966Y)		8	FUSE GLASS TUBE	F902	5F1GB3122M	UL/CSA NM 3.15A 250V MF51	
49	TR	Q625	TZRC111M--	KRC111M (KSR1010)		9	R METAL FILM	R918	RN-2Y475J-	1/2 4.7M OHM J	
50	TR	Q628	TZTC3205Y-	KTC3205Y (2236Y)		10	SW VOLTAGE SELE	SW991	5S30102361	SDKHA2-P 1C2P	
51	TR	Q637	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)		11	PIN WRAPPING	TP901-902	9716404000	MFZN1.1X1.1 PANASERT	
52	TR	Q638	TZRC111M--	KRC111M (KSR1010)		12	CONN AS	CN508	9738840900	FFC 19P P1.25X110MM K	
53	R SEMI FIXED	RV601	RV1417222-	1/10 2.2K OHM B V6EK-PV1S		13	CORD AC	AC901	9736908900	1T1OS2	
54	R CARBON FILM	R601-602	RD-AZ680J-	1/6 68 OHM J		14	TRANS POWER	PT901	5TP8086821	EI=85.8X57 115/230V,60/50Hz	
55	R CARBON FILM	R603-604	RD-AZ682J-	1/6 6.8K OHM J							
56	R CARBON FILM	R605-606	RD-AZ562J-	1/6 5.6K OHM J							
57	R CARBON FILM	R607-608	RD-AZ102J-	1/6 1K OHM J							
58	R CARBON FILM	R609-610	RD-AZ152J-	1/6 1.5K OHM J							
59	R CARBON FILM	R611-612	RD-AZ102J-	1/6 1K OHM J							
60	R CARBON FILM	R613-614	RD-AZ104J-	1/6 100K OHM J							
61	R CARBON FILM	R615-616	RD-AZ103J-	1/6 10K OHM J							
62	R CARBON FILM	R617-618	RD-AZ822J-	1/6 8.2K OHM J							
63	R CARBON FILM	R619-620	RD-AZ123J-	1/6 12K OHM J							
64	R CARBON FILM	R621-622	RD-AZ153J-	1/6 15K OHM J							
65	R CARBON FILM	R625-626	RD-AZ102J-	1/6 1K OHM J							
66	R CARBON FILM	R627-628	RD-AZ274J-	1/6 270K OHM J							
67	R CARBON FILM	R629-630	RD-AZ561J-	1/6 560 OHM J							
68	R CARBON FILM	R631-632	RD-AZ474J-	1/6 470K OHM J							
69	R CARBON FILM	R633-634	RD-AZ103J-	1/6 10K OHM J							
70	R CARBON FILM	R635	RD-AZ104J-	1/6 100K OHM J							
71	R CARBON FILM	R636-638	RD-AZ472J-	1/6 4.7K OHM J							
72	R CARBON FILM	R639	RD-AZ104J-	1/6 100K OHM J							
73	R CARBON FILM	R640	RD-AZ821J-	1/6 820 OHM J							
74	R CARBON FILM	R641	RD-AZ105J-	1/6 1M OHM J							
75	R CARBON FILM	R642	RD-AZ474J-	1/6 470K OHM J							
76	R CARBON FILM	R643	RD-AZ101J-	1/6 100 OHM J							
77	R CARBON FILM	R644	RD-AZ563J-	1/6 56K OHM J							
78	R CARBON FILM	R645-646	RD-AZ103J-	1/6 10K OHM J							
79	R CARBON FILM	R647	RD-AZ102J-	1/6 1K OHM J							
80	R CARBON FILM	R649-650	RD-AZ563J-	1/6 56K OHM J							
81	R CARBON FILM	R651-652	RD-AZ103J-	1/6 10K OHM J							
82	R CARBON FILM	R653-654	RD-AZ153J-	1/6 15K OHM J							
83	R CARBON FILM	R655	RD-AZ102J-	1/6 1K OHM J							
84	R CARBON FILM	R656	RD-4Z121J-	1/4 120 OHM J							
85	R CARBON FILM	R658	RD-AZ102J-	1/6 1K OHM J							
86	R CARBON FILM	R659	RD-AZ103J-	1/6 10K OHM J							
87	R CARBON FILM	R660	RD-AZ479J-	1/6 4.7 OHM J							