

DAEWOO

Service Manual

MINI COMPONENT SYSTEM

Model : AXL-125/R



DAEWOO ELECTRONICS CO., LTD.

MINI COMPONENT SYSTEM

XL-125/R

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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

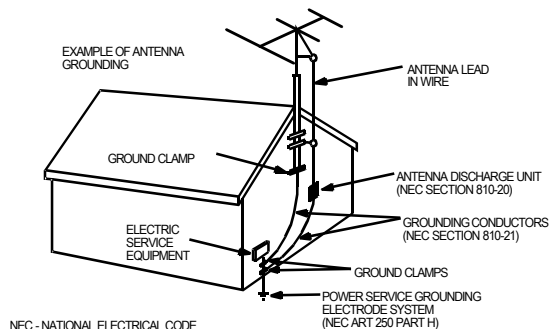


Figure 2

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.

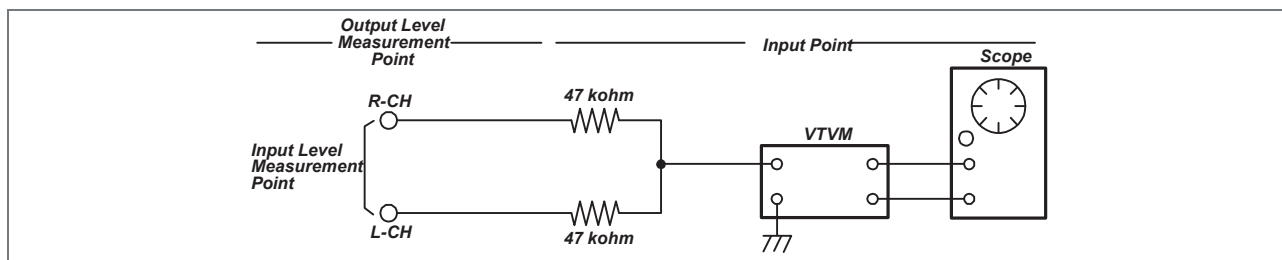
16. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

- 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

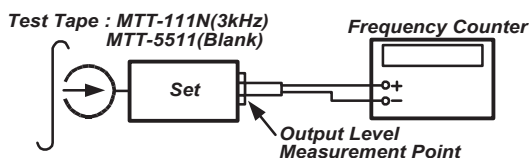


FIG. 1 : Tape Speed & Record Bias Oscillator Frequency Adjust Circuit

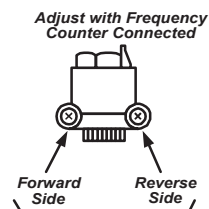


FIG. 2 : Tape Azimuth Adjust Location (Record/Playback Head)

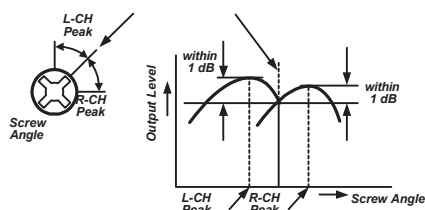


FIG. 3 : Tape Azimuth Adjust Head Screw & Waveform

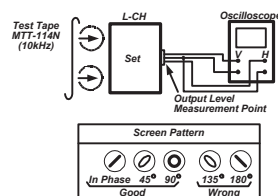
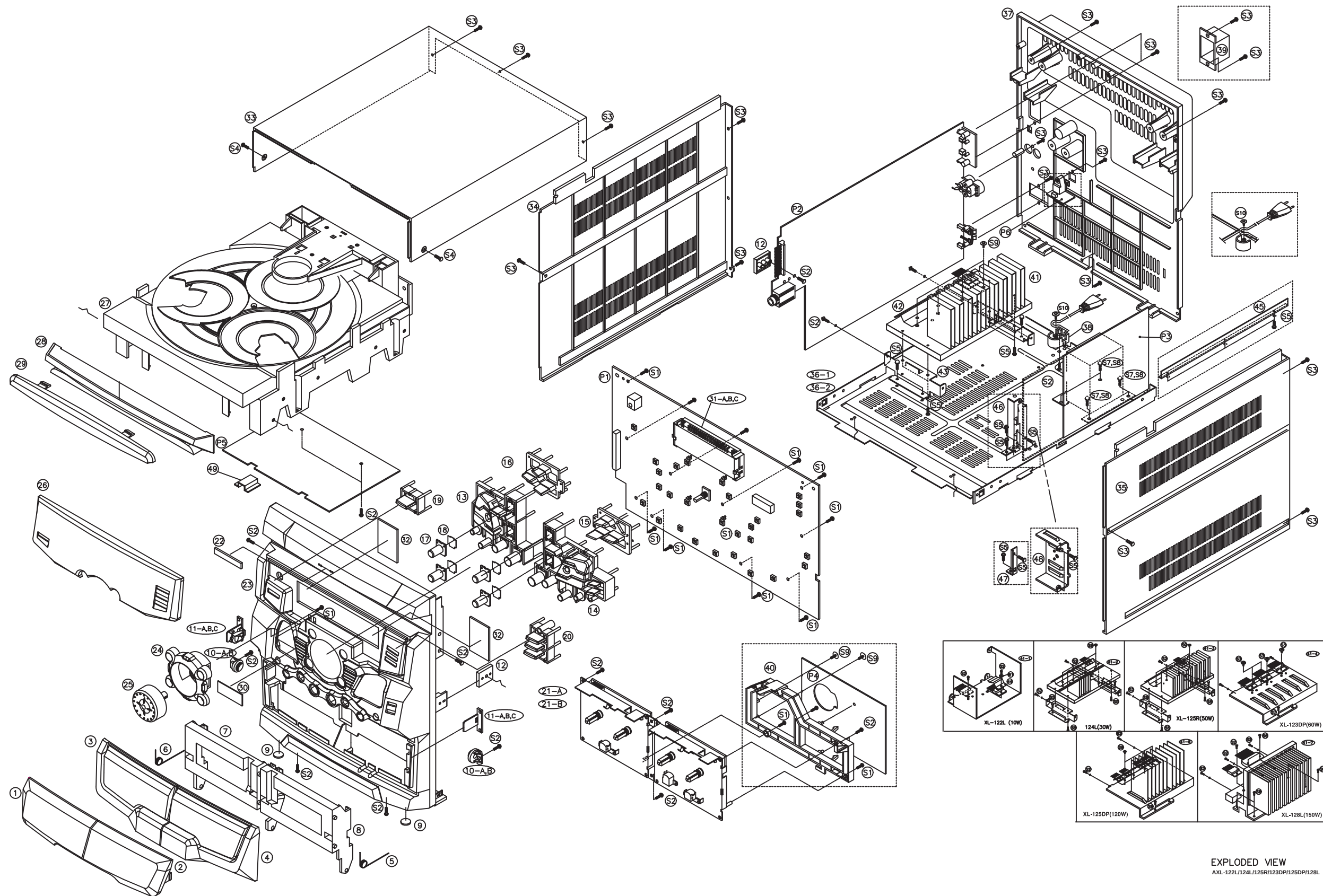


FIG. 4 : Tape Azimuth Adjust Circuit & Waveform

Exploded View and Mechanical Parts List

Model No:XL-125/R



EXPLODED VIEW
AXL-122L/124L/125R/123DP/125DP/128L

Exploded View and Mechanical Parts List

Model No:XL-125/R

NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
1	WINDOW DOOR A	9CD16177A0	MIPS	1	
2	WINDOW DOOR B	9CD16177B0	MIPS	1	
3	DOOR COVER A	9CD18123A0	MIPS	1	
4	DOOR COVER B	9CD18123B0	MIPS	1	
5	SRING DOOR EJECT R	9CD30080R0	STS 0.9	1	
6	SRING DOOR EJECT L	9CD30080L0	STS 0.9	1	
7	DOOR FRAME A	9CD18113A0	MIPS	1	
8	DOOR FRAME B	9CD18113B0	MIPS	1	
9	CUSHION FOOT	9CD4207700	URETHAN	2	
10-A	DAMPER GEAR B	9CD2603200	ACETAL	2	
10-B	DAMPER BASE B	9CD2603300	ABS	2	
11-A	LOCKER BASE	9CDOB01900	ABS	2	
11-B	LOCKER CAM	9CDOB02000	ABS	2	
11-C	LOCKER SPRING	9CDOB01600	STS	2	
12	BRKT SIDE	9CD2412900	ABS	2	
13	KNOB CD A	9CD1342200	ABS	1	
14	KNOB CD B	9CD1342300	ABS	1	
15	DECO EQ L	9CD10034L0	ACRYL	1	
16	DECO EQ R	9CD10034R0	ACRYL	1	
17	KNOB FUNCTION	9CD1342400	ACRYL	4	
18	PLATE FUNCTION	9CD0911900	PC	4	
19	KNOB POWER	9CD1342600	ABS	1	
20	KNOB DISC	9CD1342500	ABS	1	
21-A	CASSETTE DECK LOGIC	9CD6007800	ADR-243AMW	1	124L/125L/128L/123DP
21-B	CASSETTE DECK LOGIC	9CD6007700	ADR-243DSW	1	122L
22	BADGE DAEWOO	9CD1500900	ABS	1	
23	PANEL FRONT	9CD0308600	MIPS	1	
24	DECO VOL	9CD1003300	ABS	1	
25	KNOB VOL	9CD1342700	ABS	1	
26	WINDOW FLT	9CD1617800	ACRYL	1	
27	CD DECK MECHA	9CD6006900		1	
28	DOOR CD	9CD1812400	MIPS	1	
29	WIN DOOR CD	9CD1617600	ACRYL	1	
30	PLATE LED	9CD0911700	PVC T=0.5	1	OPTION
31-A	GUIDE FLT	9CD2506500	ABS	1	122L/124L/125L/123DP
31-B	GUIDE FLT	9CD2506300	ABS	1	125S/128L/125DP
31-C	GUIDE FLT	9CD2506700	ABS	1	128
32	PLATE FLT	9CD0909800	PVC T=1.0	2	
33	COVER TOP	9CD0411400	MIPS		

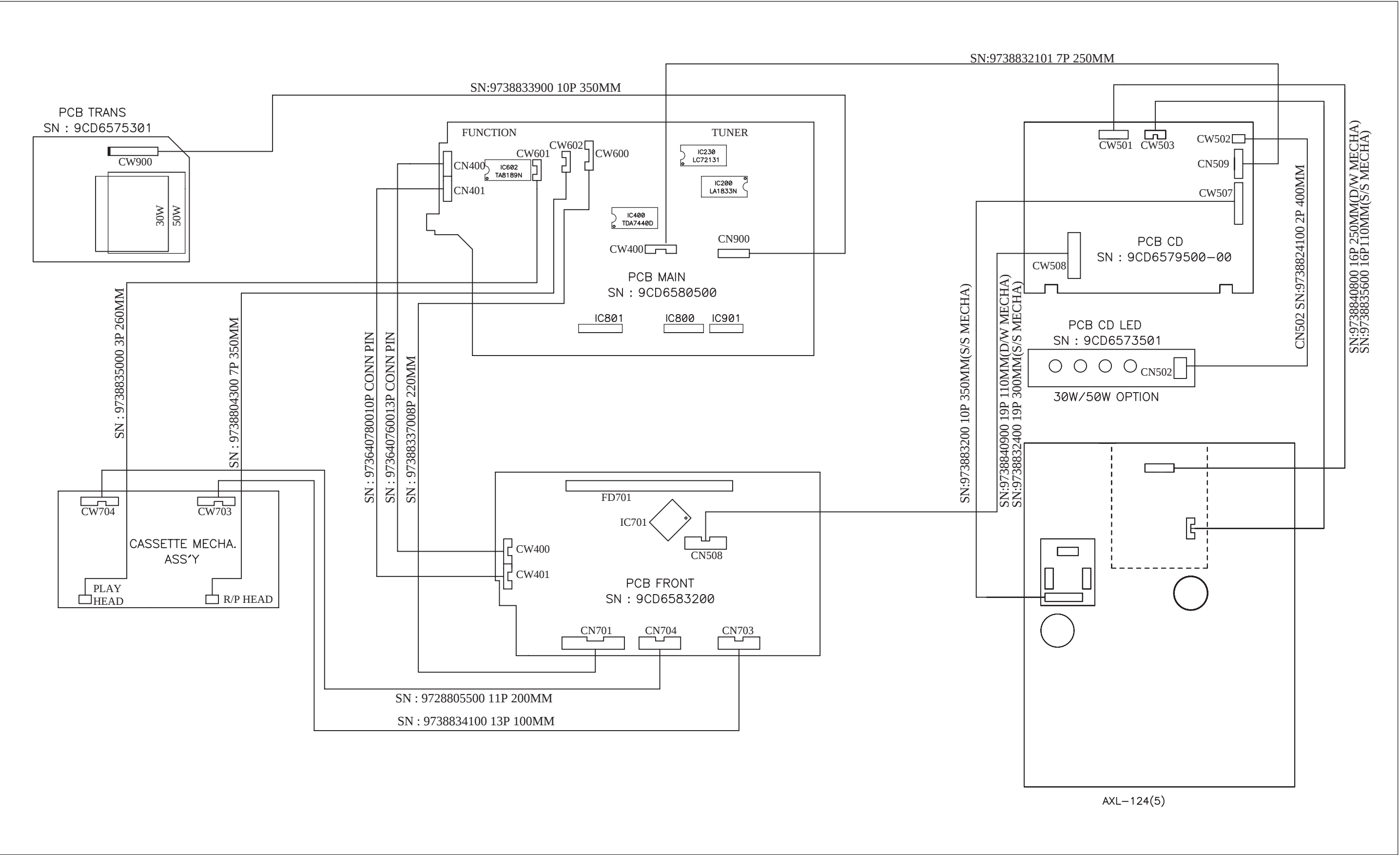
Exploded View and Mechanical Parts List

Model No:XL-125/R

NO	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
34	COVER SIDE L	9CD04115L0	MIPS	1	
35	COVER SIDE R	9CD04115R0	MIPS	1	
36-2	CHASSIS BOTTOM	9CD0607100	SECC 1.0T	1	124L/125L/123DP
37	COVER BACK	9CD0409800	MIPS	1	OPTION
38	HOLDER AC CORD	9CD2303300	ABS	1	124L/125L/128L/123DP
39	COVER ANT	9CD0410400	ABS	1	
41-3	HEAT SINK N50	9CD4405900	AL	1	125L
42	BRACKET HEAT TR	9CD2414400	SUS 0.3T	1	
43	BRACKET HEAT TR	9CD2414600	SECC 1.0T	1	
44	BRACKET HEAT TR	9CD2413900	SUS 0.5T	1	
49	HEAT SINK	9CD4402800	BSP 0.5T	1	
S1	SCREW TAPTTITE	7173261011	TT2 BIN 2.6 X 10 MFZN	13	Ref : AMI-128R
S2	SCREW TAPTTITE	7173301011	TT2 BIN 3.0X10 MFZN	18	
S3	SCREW TAPTTITE	7173301212	TT2 BIN 3.0X12 BK	18	
S4	SCREW TAPTTITE	7173301612	TT2 BIN 3.0X16 BK	2	
S5	SCREW TAPTTITE	7173300611	TT2 BIN 3.0X6 MFZN	7	
S6	SCREW TAPTTITE	7173301411	TT2 BIN 3.0X14 MFZN	2	
S7	SCREW TAPTTITE	7173400611	TT2 BIN 4.0X6 MFZN	4	
S8	SCREW TAPTTITE	7173401011	TT2 BIN 4.0X10 MFZN	4	
S9	WASHER SCREW	9CD3102401	TT2 BIN 3.0X8 + D12	4	
S9	WASHER SCREW	9CD3102400	TT2 BIN 3.0X10 + D14	3	
W1	WASHER PLAIN			1	
P1	FRONT PCB			1	OPTION
P2	MAIN PCB			1	
P3	POWER PCB			1	
P5	PCB CD			1	
P5	PCB JACK			1	

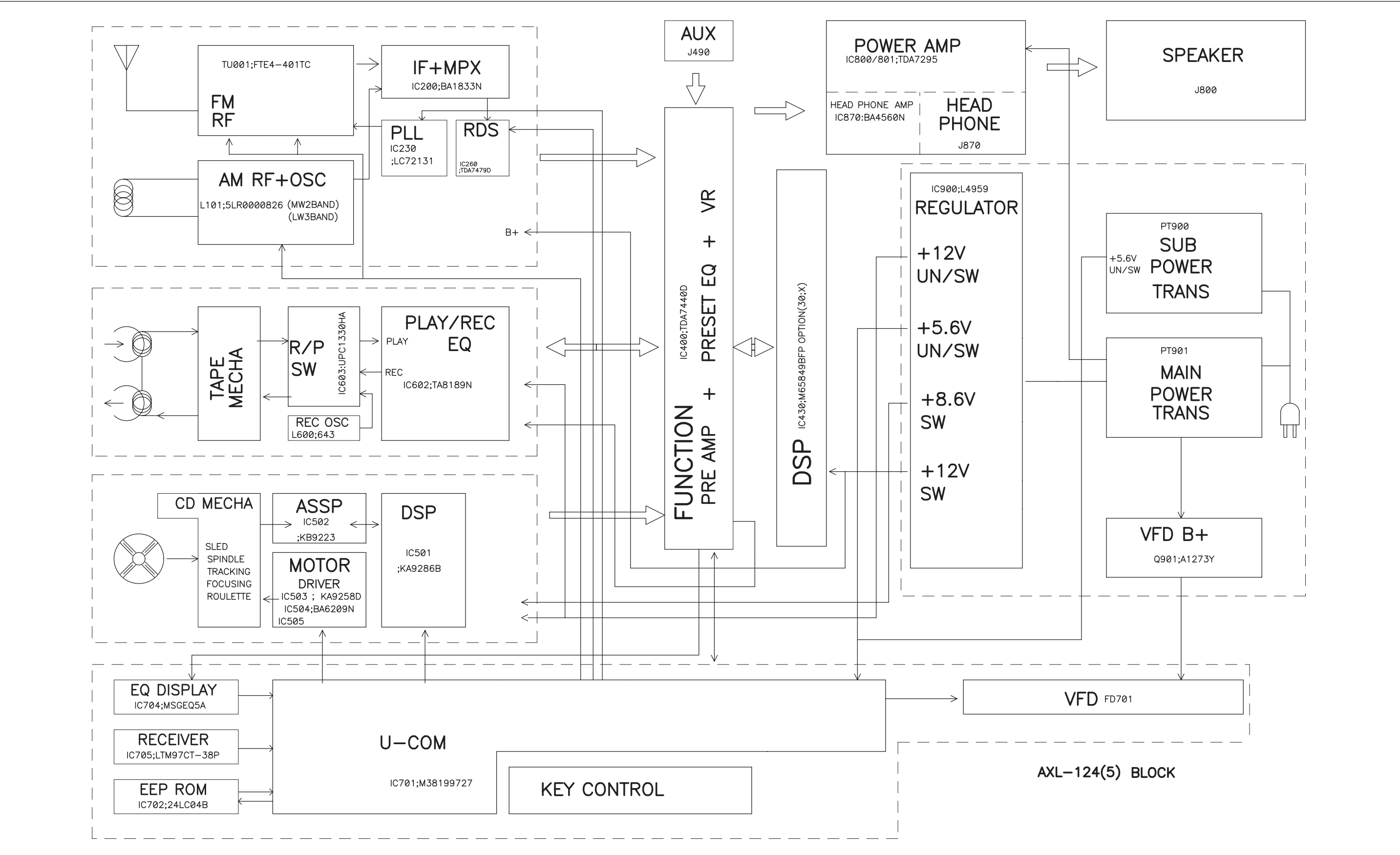
WIRING DIAGRAM

Model No:XL-125/R



BLOCK DIAGRAM

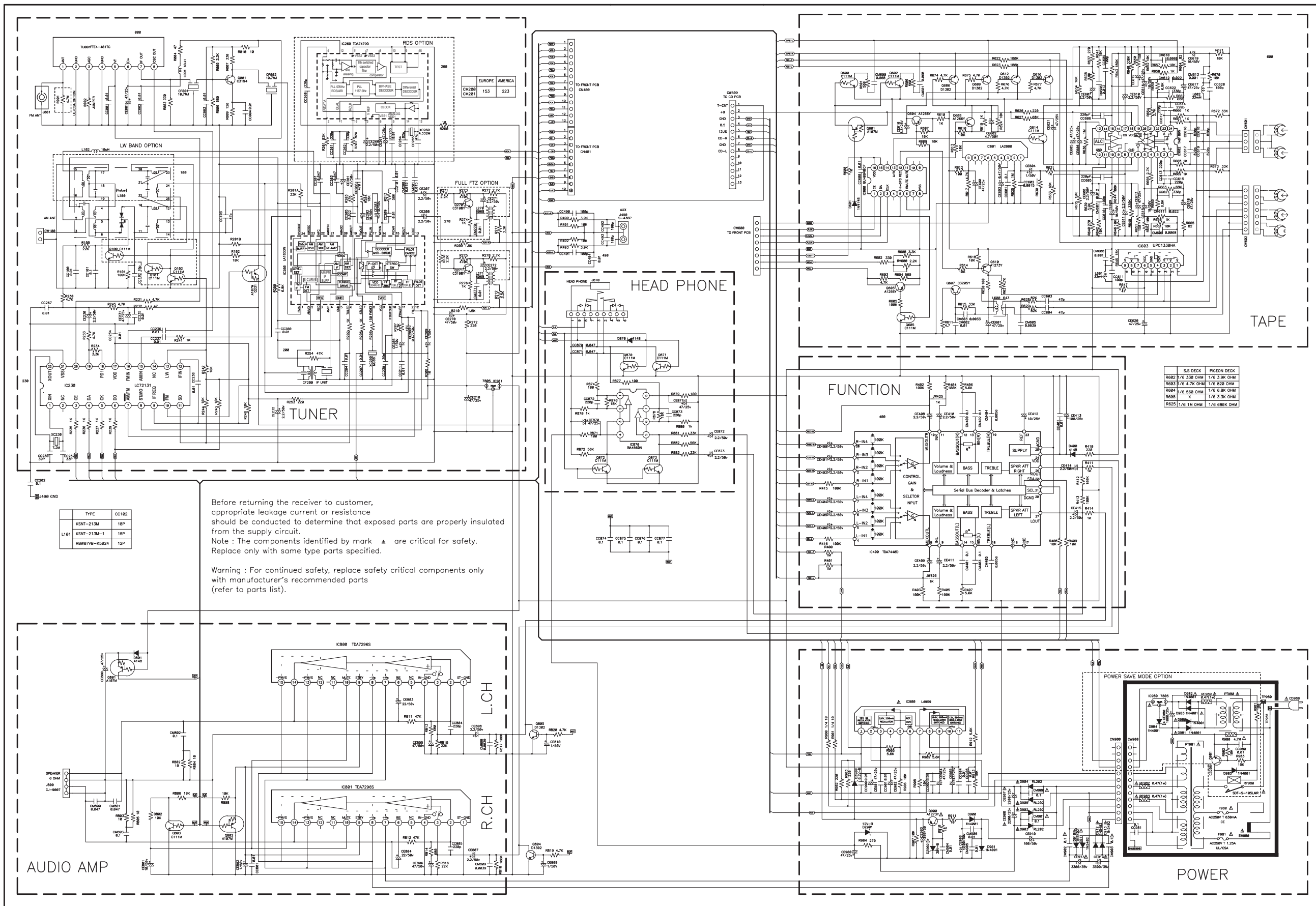
Model No:XL-125/R



Schematic Diagram

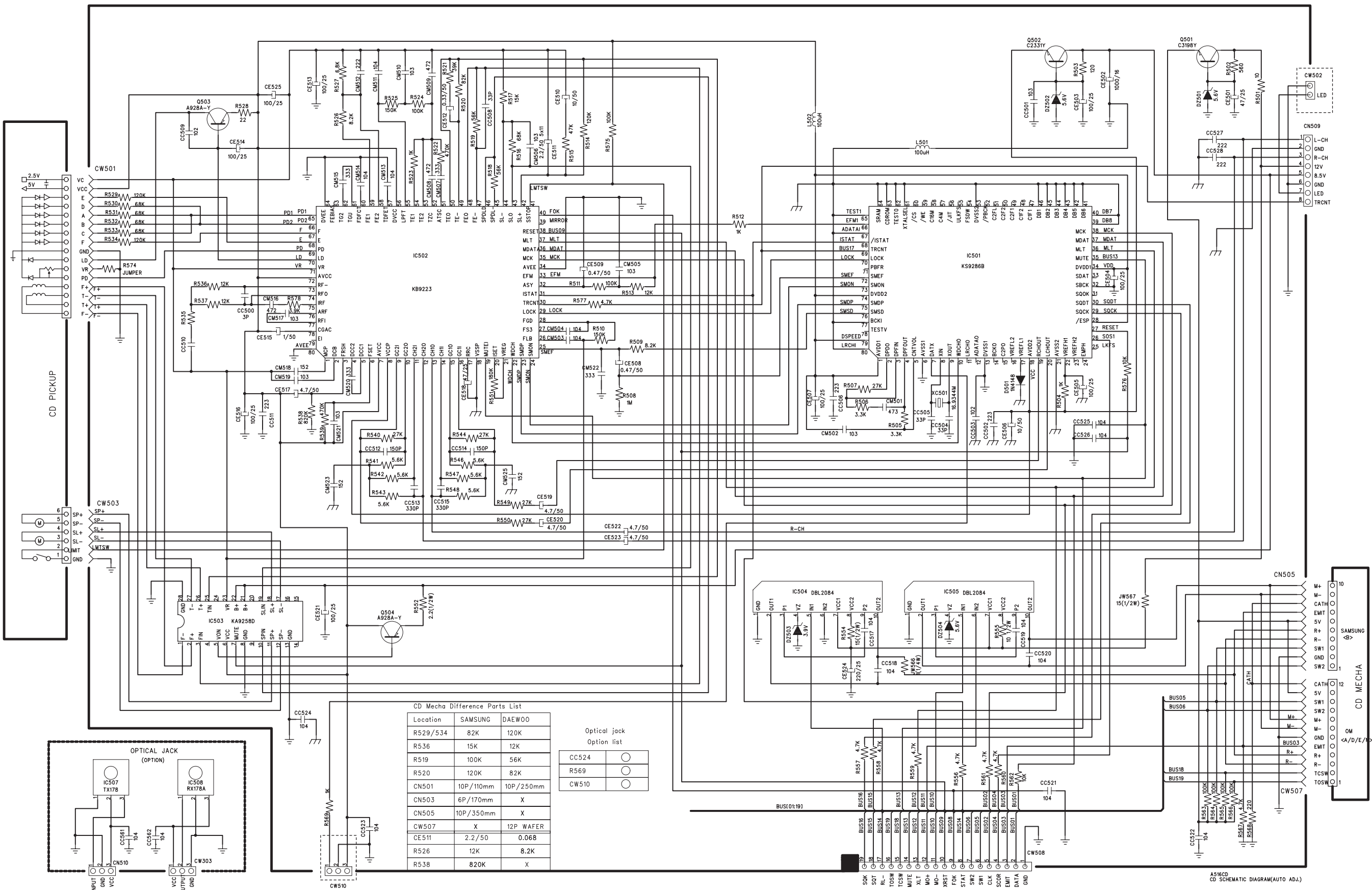
Model No:XL-125/R

Ass'y Name: POWER/AMP/TUNER/TAPE



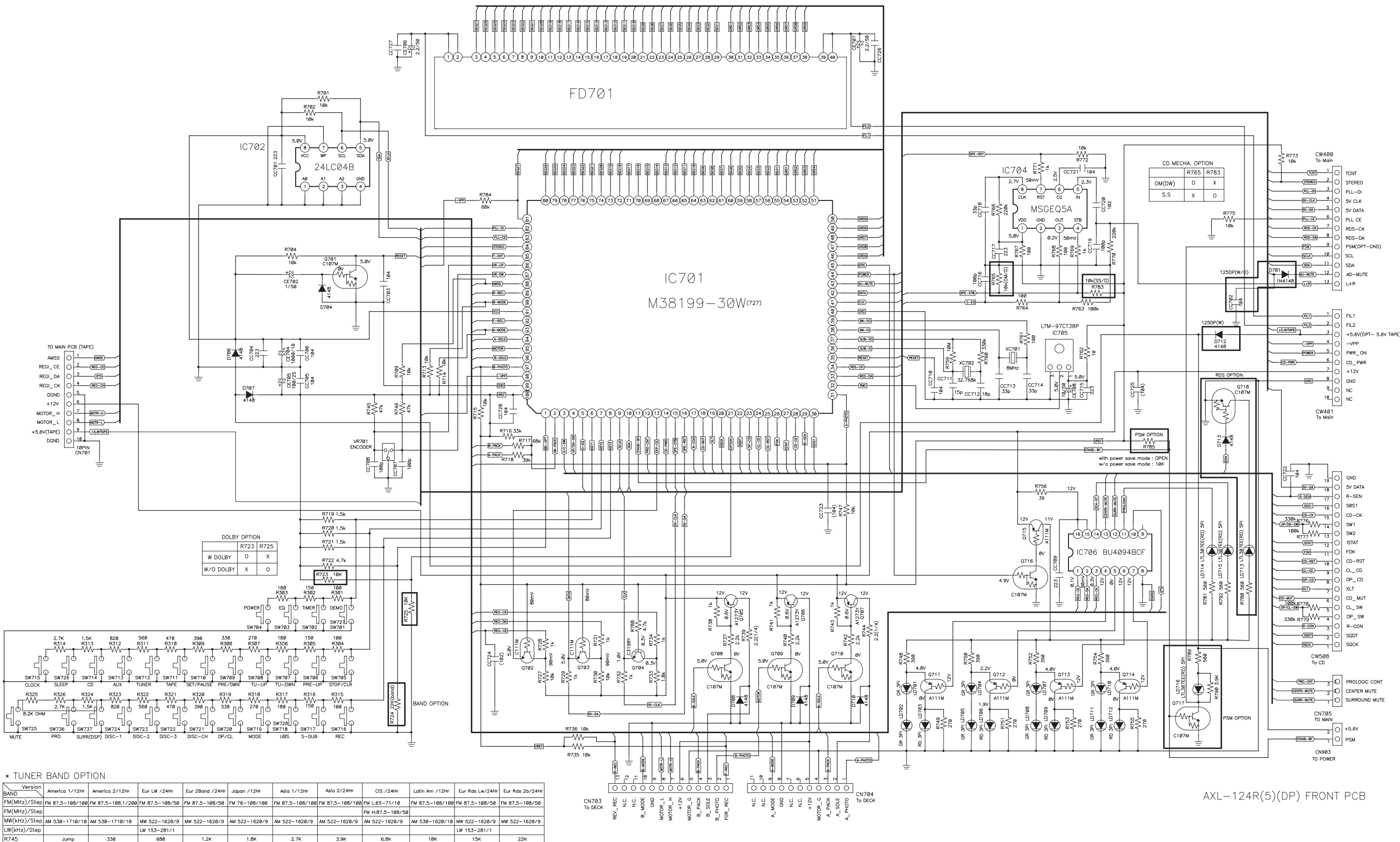
Schematic Diagram

Model No:XL-125/R
Ass'y Name: CD



Schematic Diagram

Model No:XL-125/R
Ass'y Name: CONTROL



AXL-124R(5)(DP) FRONT PCB

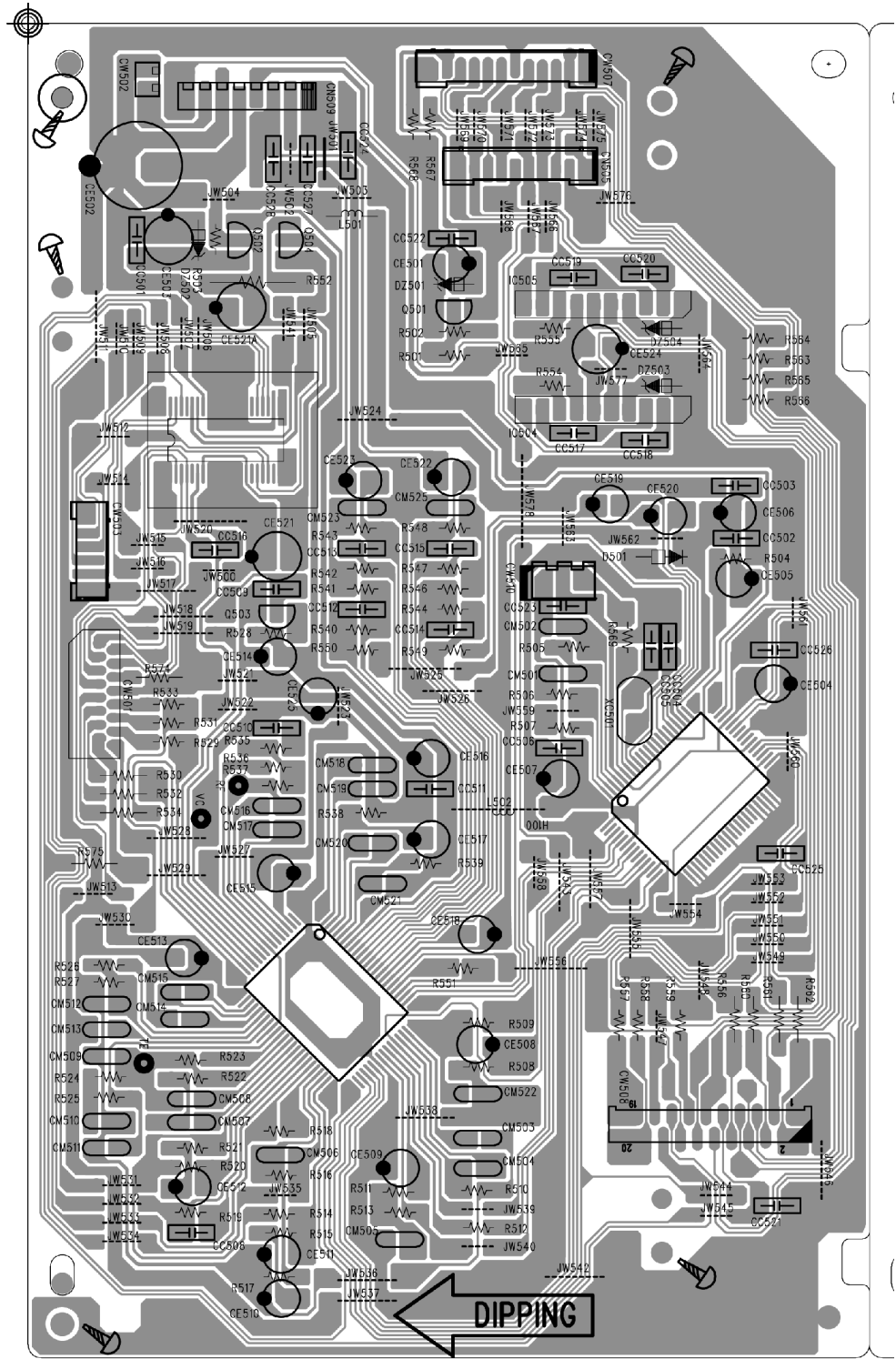
Model No:XL-125/R
Ass'y Name: Main PCB



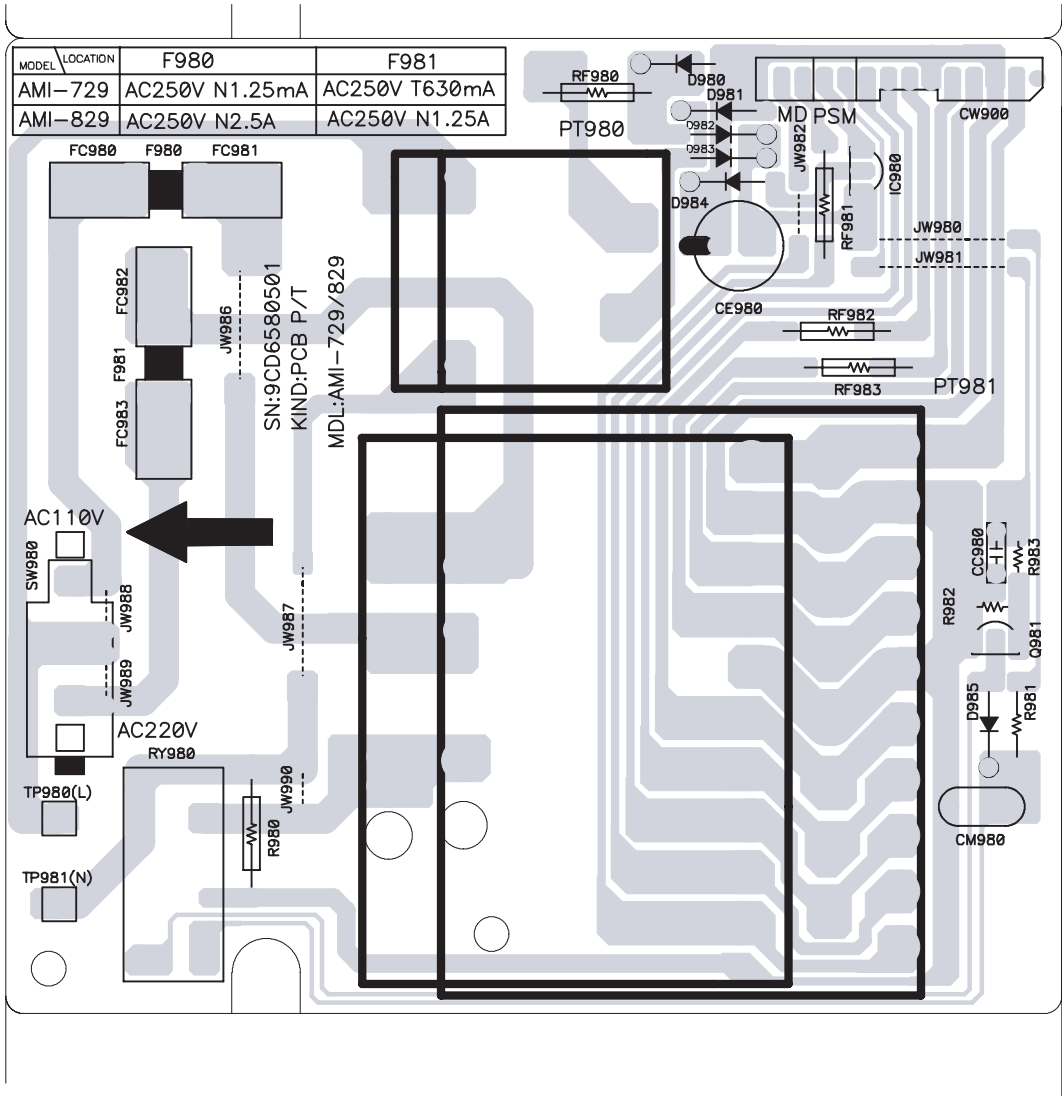
P.C.B Pattern Layout

Model No : XL-125/R
Ass'y Name : CD P.C.B

S/N : 9CD6579500



Model No:XL-125/R
Ass'y Name: PT



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	9CDC057200	AMI-829LF		58	C ELECTRO	CE408-411	CEXF1H229V	50V RSS 2.2MF (5X11)	
2	PCB MAIN	B001	9CD6580500-05	330X197X1.6T		59	C ELECTRO	CE412	CEXF1H100V	50V RSS 10MF (5X11)	
3	C CERA	CC001~004	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		60	C ELECTRO	CE413	CEXF1E101V	25V RSS 100MF (6.3X11)	
4	C CERA	CC100	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		61	C ELECTRO	CE414~415	CEXF1H229V	50V RSS 2.2MF (5X11)	
5	C CERA	CC101	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		62	C ELECTRO	CE600~601	CEXF1E470V	25V RSS 47MF (5X11)	
6	C CERA	CC102	CFSL1H150J	SL 50V 15PF J (FORMING)		63	C ELECTRO	CE602	CEXF1H479V	50V RSS 4.7MF (5X11)	
7	C CERA	CC103	CFSL1H470J	SL 50V 47PF J (FORMING)		64	C ELECTRO	CE603	CEXF1H478V	50V RSS 0.47MF (5X11)	
8	C CERA	CC200	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		65	C ELECTRO	CE604	CEXF1H109V	50V RSS 1MF (5X11)	
9	C CERA	CC201	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)		66	C ELECTRO	CE605	CEXF1E470V	25V RSS 47MF (5X11)	
10	C CERA	CC202	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		67	C ELECTRO	CE606	CEXF1E330V	25V RSS 33MF (5X11)	
11	C CERA	CC203	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)		68	C ELECTRO	CE607~608	CEXF1H229V	50V RSS 2.2MF (5X11)	
12	C CERA	CC204	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		69	C ELECTRO	CE609	CEXF1H100V	50V RSS 10MF (5X11)	
13	C CERA	CC205	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)		70	C ELECTRO	CE610~611	CEXF1H229V	50V RSS 2.2MF (5X11)	
14	C CERA	CC206	CCFB1H821K	HIKB 50V 820PF K (FORMING)		71	C ELECTRO	CE612~613	CEXF1E470V	25V RSS 47MF (5X11)	
15	C CERA	CC207	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		72	C ELECTRO	CE614~615	CEXF1H100V	50V RSS 10MF (5X11)	
16	C CERA	CC209~211	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		73	C ELECTRO	CE616	CEXF1H339V	50V RSS 3.3MF (5X11)	
17	C CERA	CC230	CFSL1H390J	SL 50V 39PF J (FORMING)		74	C ELECTRO	CE617~618	CEXF1E470V	25V RSS 47MF (5X11)	
18	C CERA	CC232	CFSL1H330J	SL 50V 33PF J (FORMING)		75	C ELECTRO	CE619	CEXF1H100V	50V RSS 10MF (5X11)	
19	C CERA	CC234~238	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		76	C ELECTRO	CE620~621	CEXF1E470V	25V RSS 47MF (5X11)	
20	C CERA	CC239	CFSL1H390J	SL 50V 39PF J (FORMING)		77	C ELECTRO	CE800	CEXF1E470V	25V RSS 47MF (5X11)	
21	C CERA	CC267	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		78	C ELECTRO	CE801	CEXF1H100V	50V RSS 10MF (5X11)	
22	C CERA	CC401	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		79	C ELECTRO	CE802	CEXF1H109V	50V RSS 1MF (5X11)	
23	C CERA	CC490~493	CCFB1H101K	HIKB 50V 100PF K (FORMING)		80	C ELECTRO	CE803~804	CEXF1H220V	50V RSS 22MF (5X11)	
24	C CERA	CC494	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		81	C ELECTRO	CE805~806	CEXF1H470V	50V RSS 47MF (6.3X11)	
25	C CERA	CC600	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		82	C ELECTRO	CE807~808	CEXF1H229V	50V RSS 2.2MF (5X11)	
26	C CERA	CC601	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		83	C ELECTRO	CE809~810	CEXF1H109V	50V RSS 1MF (5X11)	
27	C CERA	CC602	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		84	C ELECTRO	CE870~871	CEXF1E470V	25V RSS 47MF (5X11)	
28	C CERA	CC603~604	CFSL1H470J	SL 50V 47PF J (FORMING)		85	C ELECTRO	CE872~873	CEXF1H229V	50V RSS 2.2MF (5X11)	
29	C CERA	CC605~606	CCFB1H221K	HIKB 50V 220PF K (FORMING)		86	C ELECTRO	CE900~902	CEXF1E470V	25V RSS 47MF (5X11)	
30	C CERA	CC609~611	CCFB1H101K	HIKB 50V 100PF K (FORMING)		87	C ELECTRO	CE903	CEXF1H101V	50V RSS 100MF (8X11.5)	
31	C CERA	CC612~615	CCFB1H221K	HIKB 50V 220PF K (FORMING)		88	C ELECTRO	CE904~905	CEXF1E470V	25V RSS 47MF (5X11)	
32	C CERA	CC616~619	CCFB1H821K	HIKB 50V 820PF K (FORMING)		89	C ELECTRO	CE906	CEXF1H101V	50V RSS 100MF (8X11.5)	
33	C CERA	CC620	CCFB1H101K	HIKB 50V 100PF K (FORMING)		90	C ELECTRO	CE907~908	CEXF1E222V	25V RSS 2200MF (16X25)	
34	C CERA	CC621~622	CCFB1H331K	HIKB 50V 330PF K (FORMING)		91	C ELECTRO	CE910	CEXF1H101V	50V RSS 100MF (8X11.5)	
35	C CERA	CC801	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		92	C ELECTRO	CE913~914	CEXF1V332V	35V RSS 3300MF (18X35.5)	
36	C CERA	CC804~805	CCFB1H221K	HIKB 50V 220PF K (FORMING)		93	FILTER CERA	CF001~002	5PE107MS3A	SFE107MS3-A	
37	C CERA	CC870~871	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)		94	FILTER	CF200	5PPCFAZ077	PCFAZ077	
38	C CERA	CC872~873	CCFB1H221K	HIKB 50V 220PF K (FORMING)		95	C MYLAR	CM200~201	CMXM2A223J	100V 0.022MF J	
39	C CERA	CC874~877	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		96	C MYLAR	CM270~271	CMXM2A103J	100V 0.01MF J	
40	C CERA	CC900~902	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		97	C MYLAR	CM400~403	CMXM2A104J	100V 0.1MF J	
41	C CERA	CC904	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		98	C MYLAR	CM404~405	CMXM2A562J	100V 5600PF J	
42	C CERA	CC906	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		99	C MYLAR	CM600~601	CMXM2A683J	100V 0.068MF J	
43	C ELECTRO	CE001	CEXF1E470V	25V RSS 47MF (5X11)		100	C MYLAR	CM602	CMXM2A103J	100V 0.01MF J	
44	C ELECTRO	CE201	CEXF1H479V	50V RSS 4.7MF (5X11)		101	C MYLAR	CM603	CMXM2A332J	100V 3300PF J	
45	C ELECTRO	CE202~203	CEXF1H100V	50V RSS 10MF (5X11)		102	C MYLAR	CM605	CMXM2A392J	100V 0.0039MF J	
46	C ELECTRO	CE205	CEXF1H109V	50V RSS 1MF (5X11)		103	C MYLAR	CM606~607	CMXM2A123J	100V 0.012MF J	
47	C ELECTRO	CE206	CEXF1H478V	50V RSS 0.47MF (5X11)		104	C MYLAR	CM608	CMXM2A152J	100V 1500PF J	
48	C ELECTRO	CE207~208	CEXF1H229V	50V RSS 2.2MF (5X11)		105	C MYLAR	CM609~610	CMXM2A682J	100V 0.0068MF J	
49	C ELECTRO	CE209	CEXF1H109V	50V RSS 1MF (5X11)		106	C MYLAR	CM611~612	CMXM2A223J	100V 0.022MF J	
50	C ELECTRO	CE210	CEXF1E470V	25V RSS 47MF (5X11)		107	C MYLAR	CM613	CMXM2A152J	100V 1500PF J	
51	C ELECTRO	CE230	CEXF1H229V	50V RSS 2.2MF (5X11)		108	C MYLAR	CM800~801	CMXM2A473J	100V 0.047MF J	
52	C ELECTRO	CE231	CEXF1E470V	25V RSS 47MF (5X11)		109	C MYLAR	CM802~803	CMXM2A104J	100V 0.1MF J	
53	C ELECTRO	CE232	CEXF1H229V	50V RSS 2.2MF (5X11)		110	C MYLAR	CM808~809	CMXM2A392J	100V 0.0039MF J	
54	C ELECTRO	CE270	CEXF1E470V	25V RSS 47MF (5X11)		111	C MYLAR	CM900~903	CMXM2A104J	100V 0.1MF J	
55	C ELECTRO	CE271~272	CEXF1H229V	50V RSS 2.2MF (5X11)		112	C MYLAR	CM904~906	CMXM2A103J	100V 0.01MF J	
56	C ELECTRO	CE400~402	CEXF1H229V	50V RSS 2.2MF (5X11)		113	CONN PIN	CN400	9736407600	53095-1310 13PIN BASE	
57	C ELECTRO	CE404~406	CEXF1H229V	50V RSS 2.2MF (5X11)		114	CONN PIN	CN401	9736407800	53095-1010 10PIN BASE	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
115	CONN AS	CN900	9738833900	#22 8P P2.5 350 BOARD-IN		172	TR	Q801-802	TZTA107M--	KTA107M(AUTO)	
116	WAFER	CW100	2503-WR-02	2P S2B-XH-A		173	TR	Q803	TZRC111M--	KRC111M (KSR1010)	
117	WAFER	CW509	2503-WS-08	8P 2.5MM		174	TR	Q804-805	TZTD1302Y-	KTD1302Y AUTO	
118	WAFER	CW600	2503-WS-08	8P 2.5MM		175	TR	Q870-873	TZRC111M--	KRC111M (KSR1010)	
119	WAFER	CW601	2503-WS-03	3P 2.5MM		176	TR	Q900	TZTA1273Y-	KTA1273Y(966Y)	
120	WAFER	CW602	2503-WS-07	7P 2.5MM		177	R SEMI FIXED	RV600	RV1417222-	1/10 2.2K OHM B V6EK-PV1S	
121	DIODE ZENER	DZ900	DZT26R2B--	MTZ6.2B		178	WIRE JUMPER	R002	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
122	DIODE ZENER	DZ901	DZTZ12B---	MTZ 12V 26MM TAPPING		179	R CARBON FILM	R003	RD-AZ331J-	1/6 330 OHM J	
123	DIODE ZENER	DZ902	DZTZ30B---	MTZ-30B		180	R CARBON FILM	R004	RD-AZ470J-	1/6 47 OHM J	
124	DIODE	D400	DZN4148---	IN4148 AUTO 52MM		181	R CARBON FILM	R005	RD-AZ332J-	1/6 3.3K OHM J	
125	DIODE	D801	DZN4148---	IN4148 AUTO 52MM		182	R CARBON FILM	R006	RD-AZ681J-	1/6 680 OHM J	
126	R CARBON FILM	D802	RD-AZ103J-	1/6 10K OHM J		183	R CARBON FILM	R007	RD-AZ331J-	1/6 330 OHM J	
127	DIODE	D870	DZN4148---	IN4148 AUTO 52MM		184	R CARBON FILM	R009	RD-AZ121J-	1/6 120 OHM J	
128	DIODE	D900-901	DIN4001---	IN4001		185	R CARBON FILM	R010	RD-AZ100J-	1/6 10 OHM J	
129	DIODE	D902-905	DRL202---	RL202		186	R CARBON FILM	R100	RD-AZ223J-	1/6 22K OHM J	
130	DIODE	D910-913	DIN5402---	IN5402		187	R CARBON FILM	R101	RD-AZ104J-	1/6 100K OHM J	
131	IC	IC200	1LA1833N-	LA1833N		188	R CARBON FILM	R200	RD-AZ682J-	1/6 6.8K OHM J	
132	IC	IC201	1MC78L05--	MC78L05AC		189	R CARBON FILM	R201	RD-AZ333J-	1/6 33K OHM J	
133	IC PLL	IC230	1LC72131--	LC72131		190	R CARBON FILM	R202	RD-AZ102J-	1/6 1K OHM J	
134	IC	IC400	1TDA7440D-	TDA7440D		191	R CARBON FILM	R203	RD-AZ273J-	1/6 27K OHM J	
135	IC	IC600	1BU4094BCF	BU4094BCF(SOP16)		192	R CARBON FILM	R204	RD-AZ183J-	1/6 18K OHM J	
136	IC AMSS	IC601	1LA2000---	LA2000		193	R CARBON FILM	R205	RD-AZ102J-	1/6 1K OHM J	
137	IC	IC602	1TA8189N--	TA8189N		194	R CARBON FILM	R206	RD-AZ151J-	1/6 150 OHM J	
138	IC	IC603	1UPC1330HA	UPC1330HA		195	R CARBON FILM	R207	RD-AZ332J-	1/6 3.3K OHM J	
139	IC	IC800-801	1TDA7295--	TDA7295		196	R CARBON FILM	R208	RD-AZ100J-	1/6 10 OHM J	
140	IC	IC870	1BA4560N--	BA4560N(H/P AMP)		197	R CARBON FILM	R209-210	RD-AZ122J-	1/6 1.2K OHM J	
141	IC	IC900	1L4959---	L4959		198	R CARBON FILM	R211-212	RD-AZ332J-	1/6 3.3K OHM J	
142	R CARBON FILM	JW129	RD-AZ220J-	1/6 22 OHM J		199	R CARBON FILM	R213	RD-AZ563J-	1/6 56K OHM J	
143	R CARBON FILM	JW608	RD-AZ101J-	1/6 100 OHM J		200	R CARBON FILM	R230-231	RD-AZ472J-	1/6 4.7K OHM J	
144	DIODE	JW636	DZN4148---	IN4148 AUTO 52MM		201	R CARBON FILM	R232	RD-AZ470J-	1/6 47 OHM J	
145	R CARBON FILM	JW902	RD-4Z121J-	1/4 120 OHM J		202	R CARBON FILM	R233	RD-AZ472J-	1/6 4.7K OHM J	
146	JACK ANT	J001	9736322201	PAT-646		203	R CARBON FILM	R234	RD-AZ332J-	1/6 3.3K OHM J	
147	JACK RCA	J490	9CD6313700	S-436P		204	R CARBON FILM	R235-237	RD-AZ102J-	1/6 1K OHM J	
148	JACK SPEAKER	J800	9736320500	CJ-9007-040		205	R CARBON FILM	R239	RD-AZ102J-	1/6 1K OHM J	
149	JACK HEADPHONE	J870	9766319501	HTJ-064-05B GOLD		206	R CARBON FILM	R241	RD-AZ102J-	1/6 1K OHM J	
150	COIL PEAKING	L001	5CPZ100K02	10UH K (AXIAL 3.5MM)		207	R CARBON FILM	R243-244	RD-AZ103J-	1/6 10K OHM J	
151	AM RF UNIT	L100	5LR0000835	KSNT 213M-1		208	R CARBON FILM	R245	RD-AZ472J-	1/6 4.7K OHM J	
152	COIL PEAKING	L102	5CPZ100K02	10UH K (AXIAL 3.5MM)		209	R CARBON FILM	R246	RD-AZ103J-	1/6 10K OHM J	
153	COIL	L270-271	5P076068--	6068MPX		210	R CARBON FILM	R253	RD-AZ221J-	1/6 220 OHM J	
154	COIL BIAS OSC	L600	5L0503K643	SM-10F 5.04MH		211	R CARBON FILM	R254	RD-AZ473J-	1/6 47K OHM J	
155	COIL CHOKE	L601-602	5LC333K804	33MH K		212	R CARBON FILM	R270-271	RD-AZ222J-	1/6 2.2K OHM J	
156	TR	Q001	TZTC3194Y-	KTC3194Y		213	R CARBON FILM	R272	RD-AZ221J-	1/6 220 OHM J	
157	TR	Q231	TZTA107M--	KTA107M(AUTO)		214	R CARBON FILM	R273	RD-AZ474J-	1/6 470K OHM J	
158	TR	Q270-271	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		215	R CARBON FILM	R274	RD-AZ102J-	1/6 1K OHM J	
159	TR	Q600	TZRC111M--	KRC111M (KSR1010)		216	R CARBON FILM	R275	RD-AZ474J-	1/6 470K OHM J	
160	TR	Q601	TZTA107M--	KTA107M(AUTO)		217	R CARBON FILM	R276	RD-AZ102J-	1/6 1K OHM J	
161	TR	Q602	TZRC111M--	KRC111M (KSR1010)		218	R CARBON FILM	R277-278	RD-AZ272J-	1/6 2.7K OHM J	
162	TR	Q603-604	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)		219	R CARBON FILM	R400	RD-AZ105J-	1/6 1M OHM J	
163	TR	Q605	TZRC111M--	KRC111M (KSR1010)		220	R CARBON FILM	R401	RD-AZ105J-	1/6 1M OHM J	
164	TR	Q606	TZTD1302Y-	KTD1302Y AUTO		221	R CARBON FILM	R402-405	RD-AZ104J-	1/6 100K OHM J	
165	TR	Q607	TZTC3205Y-	KTC3205Y (2236Y)		222	R CARBON FILM	R406-407	RD-AZ562J-	1/6 5.6K OHM J	
166	TR	Q608	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)		223	R CARBON FILM	R408-409	RD-AZ103J-	1/6 10K OHM J	
167	TR	Q609	TZTD1302Y-	KTD1302Y AUTO		224	R CARBON FILM	R410	RD-AZ221J-	1/6 220 OHM J	
168	TR	Q610	TZTA1273Y-	KTA1273Y(966Y)		225	R CARBON FILM	R411	RD-AZ102J-	1/6 1K OHM J	
169	TR	Q612	TZTD1302Y-	KTD1302Y AUTO		226	R CARBON FILM	R412-413	RD-AZ104J-	1/6 100K OHM J	
170	TR	Q614	TZRC111M--	KRC111M (KSR1010)		227	R CARBON FILM	R414	RD-AZ102J-	1/6 1K OHM J	
171	TR	Q616	TZTD1302Y-	KTD1302Y AUTO		228	R CARBON FILM	R415-416	RD-AZ683J-	1/6 68K 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	R490	RD-AZ392J-	1/6 3.9K OHM J		286	R CARBON FILM	R808	RD-AZ103J-	1/6 10K OHM J	
230	R CARBON FILM	R491-492	RD-AZ103J-	1/6 10K OHM J		287	WIRE JUMPER	R809	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
231	R CARBON FILM	R493	RD-AZ392J-	1/6 3.9K OHM J		288	R CARBON FILM	R811~812	RD-AZ473J-	1/6 47K OHM J	
232	R CARBON FILM	R600	RD-AZ100J-	1/6 10 OHM J		289	R CARBON FILM	R813~814	RD-AZ681J-	1/6 680 OHM J	
233	R CARBON FILM	R601	RD-AZ561J-	1/6 560 OHM J		290	R CARBON FILM	R815~816	RD-AZ223J-	1/6 22K OHM J	
234	R CARBON FILM	R602	RD-AZ392J-	1/6 3.9K OHM J		291	R CARBON FILM	R817~818	RD-AZ104J-	1/6 100K OHM J	
235	R CARBON FILM	R603	RD-AZ821J-	1/6 820 OHM J		292	R CARBON FILM	R819~820	RD-AZ472J-	1/6 4.7K OHM J	
236	R CARBON FILM	R604	RD-AZ682J-	1/6 6.8K OHM J		293	R CARBON FILM	R870	RD-AZ102J-	1/6 1K OHM J	
237	R CARBON FILM	R605	RD-AZ104J-	1/6 100K OHM J		294	R CARBON FILM	R871	RD-AZ560J-	1/6 56 OHM J	
238	R CARBON FILM	R606	RD-AZ561J-	1/6 560 OHM J		295	R CARBON FILM	R872	RD-AZ563J-	1/6 56K OHM J	
239	R CARBON FILM	R607	RD-AZ103J-	1/6 10K OHM J		296	R CARBON FILM	R874	RD-AZ101J-	1/6 100 OHM J	
240	R CARBON FILM	R609	RD-AZ103J-	1/6 10K OHM J		297	R CARBON FILM	R876	RD-AZ183J-	1/6 18K OHM J	
241	R CARBON FILM	R610	RD-AZ102J-	1/6 1K OHM J		298	R CARBON FILM	R877	RD-AZ101J-	1/6 100 OHM J	
242	R CARBON FILM	R611	RD-AZ479J-	1/6 4.7 OHM J		299	R CARBON FILM	R878	RD-AZ183J-	1/6 18K OHM J	
243	R CARBON FILM	R612	RD-AZ101J-	1/6 100 OHM J		300	R CARBON FILM	R879	RD-AZ101J-	1/6 100 OHM J	
244	R CARBON FILM	R613~614	RD-AZ103J-	1/6 10K OHM J		301	R CARBON FILM	R880	RD-AZ102J-	1/6 1K OHM J	
245	R CARBON FILM	R615	RD-AZ333J-	1/6 33K OHM J		302	R CARBON FILM	R881	RD-AZ333J-	1/6 33K OHM J	
246	R CARBON FILM	R616	RD-AZ103J-	1/6 10K OHM J		303	R CARBON FILM	R882	RD-AZ563J-	1/6 56K OHM J	
247	R CARBON FILM	R617	RD-AZ472J-	1/6 4.7K OHM J		304	R CARBON FILM	R883	RD-AZ333J-	1/6 33K OHM J	
248	R CARBON FILM	R618	RD-AZ103J-	1/6 10K OHM J		305	R CARBON FILM	R900~901	RD-4Z479J-	1/4 4.7 OHM J	
249	R CARBON FILM	R619	RD-AZ102J-	1/6 1K OHM J		306	R CARBON FILM	R902~903	RD-AZ221J-	1/6 220 OHM J	
250	R CARBON FILM	R620	RD-AZ101J-	1/6 100 OHM J		307	R CARBON FILM	R904	RD-4Z121J-	1/4 120 OHM J	
251	R CARBON FILM	R621	RD-AZ472J-	1/6 4.7K OHM J		308	R CARBON FILM	R905	RD-AZ562J-	1/6 5.6K OHM J	
252	R CARBON FILM	R622~623	RD-AZ184J-	1/6 180K OHM J		309	R CARBON FILM	R906~908	RD-AZ103J-	1/6 10K OHM J	
253	R CARBON FILM	R624	RD-AZ103J-	1/6 10K OHM J		310	R CARBON FILM	R909	RD-AZ562J-	1/6 5.6K OHM J	
254	R CARBON FILM	R625	RD-AZ684J-	1/6 680K OHM J		311	R CARBON FILM	R910	RD-AZ102J-	1/6 1K OHM J	
255	R CARBON FILM	R626	RD-AZ221J-	1/6 220 OHM J		312	R CARBON FILM	R911	RD-AZ100J-	1/6 10 OHM J	
256	R CARBON FILM	R627	RD-AZ683J-	1/6 68K OHM J		313	R CARBON FILM	R912	RD-AZ562J-	1/6 5.6K OHM J	
257	R CARBON FILM	R628~629	RD-AZ823J-	1/6 82K OHM J		314	R CARBON FILM	R913	RD-AZ103J-	1/6 10K OHM J	
258	R CARBON FILM	R631	RD-AZ102J-	1/6 1K OHM J		315	TUNER PACK	TU001	9737613201	KST-F401VA-3	
259	R CARBON FILM	R633~635	RD-AZ103J-	1/6 10K OHM J		316	C DISCRIMINATOR	XC200	5P107MG86C	CDA10.7MG86N-C	
260	R CARBON FILM	R636	RD-AZ105J-	1/6 1M OHM J		317	X-TAL	XC230	5XA7R2000D	7.2M	
261	R CARBON FILM	R637	RD-AZ271J-	1/6 270 OHM J		1	PCB CD AS	11000	9CDC05340D	AMI-516DPN	
262	R CARBON FILM	R638~639	RD-AZ392J-	1/6 3.9K OHM J		2	PCB CD	B501	9CD6579500-07	247X197X1.6T	
263	R CARBON FILM	R640	RD-AZ271J-	1/6 270 OHM J		3	C CERA	CC501	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
264	R CARBON FILM	R641~642	RD-AZ103J-	1/6 10K OHM J		4	C CERA	CC502	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
265	R CARBON FILM	R643~644	RD-AZ184J-	1/6 180K OHM J		5	C CERA	CC503	CCFB1H102K	HIKB 50V 1000PF K (FORMING)	
266	R CARBON FILM	R645	RD-AZ183J-	1/6 18K OHM J		6	C CERA	CC504~505	CFSL1H330J	SL 50V 33PF J (FORMING)	
267	R CARBON FILM	R646	RD-AZ103J-	1/6 10K OHM J		7	C CERA	CC506	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
268	R CARBON FILM	R647	RD-AZ470J-	1/6 47 OHM J		8	C CERA	CC508	CFSL1H330J	SL 50V 33PF J (FORMING)	
269	R CARBON FILM	R648~649	RD-AZ334J-	1/6 330K OHM J		9	C CERA	CC509	CCFB1H102K	HIKB 50V 1000PF K (FORMING)	
270	R CARBON FILM	R650~651	RD-AZ151J-	1/6 150 OHM J		10	C CERA	CC511	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
271	R CARBON FILM	R652~653	RD-AZ103J-	1/6 10K OHM J		11	C CERA	CC512	CCFB1H151K	HIKB 50V 150PF K (FORMING)	
272	R CARBON FILM	R654~655	RD-AZ272J-	1/6 2.7K OHM J		12	C CERA	CC513	CCFB1H331K	HIKB 50V 330PF K (FORMING)	
273	R CARBON FILM	R656	RD-AZ102J-	1/6 1K OHM J		13	C CERA	CC514	CCFB1H151K	HIKB 50V 150PF K (FORMING)	
274	R CARBON FILM	R658	RD-AZ102J-	1/6 1K OHM J		14	C CERA	CC515	CCFB1H331K	HIKB 50V 330PF K (FORMING)	
275	R CARBON FILM	R659~660	RD-AZ682J-	1/6 6.8K OHM J		15	C CERA	CC517~520	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
276	R CARBON FILM	R662~663	RD-AZ683J-	1/6 68K OHM J		16	C CERA	CC521	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
277	R CARBON FILM	R664~665	RD-AZ820J-	1/6 82 OHM J		17	C CERA	CC522~525	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
278	R CARBON FILM	R666~669	RD-AZ102J-	1/6 1K OHM J		18	C CERA	CC526	CCFB1H331K	HIKB 50V 330PF K (FORMING)	
279	R CARBON FILM	R670	RD-AZ183J-	1/6 18K OHM J		19	C CERA	CC527~528	CCFB1H222K	HIKB 50V 2200PF K (FORMING)	
280	R CARBON FILM	R671	RD-AZ103J-	1/6 10K OHM J		20	C ELECTRO	CE501	CEXF1E470V	25V RSS 47MF (5X11)	
281	R CARBON FILM	R672~673	RD-AZ333J-	1/6 33K OHM J		21	C ELECTRO	CE502	CEXF1C102V	16V RSS 1000MF 13X20	
282	R CARBON FILM	R674~677	RD-AZ472J-	1/6 4.7K OHM J		22	C ELECTRO	CE503~505	CEXF1E101V	25V RSS 100MF (6.3X11)	
283	R CARBON FILM	R678	RD-AZ332J-	1/6 3.3K OHM J		23	C ELECTRO	CE506	CEXF1H100V	50V RSS 10MF (5X11)	
284	R CARBON FILM	R802~805	RD-AZ100J-	1/6 10 OHM J		24	C ELECTRO	CE507	CEXF1E101V	25V RSS 100MF (6.3X11)	
285	R CARBON FILM	R806	RD-AZ103J-	1/6 10K OHM J		25	C ELECTRO	CE508~509	CEXF1H478V	50V RSS 0.47MF (5X11)	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
26	C ELECTRO	CE510	CEXF1H100V	50V RSS 10MF (5X11)		83	R CARBON FILM	R503	RD-AZ121J-	1/6 120 OHM J	
27	C ELECTRO	CE511	CEXF1H229V	50V RSS 2.2MF (5X11)		84	R CARBON FILM	R504	RD-AZ102J-	1/6 1K OHM J	
28	C ELECTRO	CE512	CEXF1H338V	50V RSS 0.33MF (5X11)		85	R CARBON FILM	R505-506	RD-AZ332J-	1/6 3.3K OHM J	
29	C ELECTRO	CE513-514	CEXF1E101V	25V RSS 100MF (6.3X11)		86	R CARBON FILM	R507	RD-AZ273J-	1/6 27K OHM J	
30	C ELECTRO	CE515	CEXF1H109V	50V RSS 1MF (5X11)		87	R CARBON FILM	R508	RD-AZ105J-	1/6 1M OHM J	
31	C ELECTRO	CE516	CEXF1E101V	25V RSS 100MF (6.3X11)		88	R CARBON FILM	R509	RD-AZ822J-	1/6 8.2K OHM J	
32	C ELECTRO	CE517	CEXF1H479V	50V RSS 4.7MF (5X11)		89	R CARBON FILM	R510	RD-AZ154J-	1/6 150K OHM J	
33	C ELECTRO	CE518	CEXF1E470V	25V RSS 47MF (5X11)		90	R CARBON FILM	R511	RD-AZ104J-	1/6 100K OHM J	
34	C ELECTRO	CE519-520	CEXF1H479V	50V RSS 4.7MF (5X11)		91	R CARBON FILM	R512	RD-AZ102J-	1/6 1K OHM J	
35	C ELECTRO	CE521	CEXF1E101V	25V RSS 100MF (6.3X11)		92	R CARBON FILM	R513	RD-AZ123J-	1/6 12K OHM J	
36	C ELECTRO	CE522-523	CEXF1H479V	50V RSS 4.7MF (5X11)		93	R CARBON FILM	R514	RD-AZ124J-	1/6 120K OHM J	
37	C ELECTRO	CE524	CEXF1E221V	25V RSS 220MF (8X11.5)		94	R CARBON FILM	R515	RD-AZ473J-	1/6 47K OHM J	
38	C ELECTRO	CE525	CEXF1E101V	25V RSS 100MF (6.3X11)		95	R CARBON FILM	R516	RD-AZ683J-	1/6 68K OHM J	
39	C MYLAR	CM501	CMXM2A473J	100V 0.047MF J		96	R CARBON FILM	R517	RD-AZ153J-	1/6 15K OHM J	
40	C MYLAR	CM502	CMXM2A103J	100V 0.01MF J		97	R CARBON FILM	R518	RD-AZ563J-	1/6 56K OHM J	
41	C MYLAR	CM503-504	CMXM2A104J	100V 0.1MF J		98	R CARBON FILM	R519	RD-AZ104J-	1/6 100K OHM J	
42	C MYLAR	CM505-506	CMXM2A103J	100V 0.01MF J		99	R CARBON FILM	R520	RD-AZ124J-	1/6 120K OHM J	
43	C MYLAR	CM507	CMXM2A333J	100V 0.033MF J		100	R CARBON FILM	R521	RD-AZ393J-	1/6 39K OHM J	
44	C MYLAR	CM508-509	CMXM2A472J	100V 4700PF J		101	R CARBON FILM	R522	RD-AZ474J-	1/6 470K OHM J	
45	C MYLAR	CM510	CMXM2A103J	100V 0.01MF J		102	R CARBON FILM	R523	RD-AZ102J-	1/6 1K OHM J	
46	C MYLAR	CM511	CMXM2A104J	100V 0.1MF J		103	R CARBON FILM	R524	RD-AZ104J-	1/6 100K OHM J	
47	C MYLAR	CM512	CMXM2A222J	100V 2200PF J		104	R CARBON FILM	R525	RD-AZ154J-	1/6 150K OHM J	
48	C MYLAR	CM513-514	CMXM2A104J	100V 0.1MF J		105	R CARBON FILM	R526-527	RD-AZ153J-	1/6 15K OHM J	
49	C MYLAR	CM515	CMXM2A333J	100V 0.033MF J		106	R CARBON FILM	R528	RD-AZ220J-	1/6 22 OHM J	
50	C MYLAR	CM516	CMXM2A472J	100V 4700PF J		107	R CARBON FILM	R529	RD-AZ823J-	1/6 82K OHM J	
51	C MYLAR	CM517	CMXM2A103J	100V 0.01MF J		108	R CARBON FILM	R530-533	RD-AZ683J-	1/6 68K OHM J	
52	C MYLAR	CM518	CMXM2A152J	100V 1500PF J		109	R CARBON FILM	R534	RD-AZ823J-	1/6 82K OHM J	
53	C MYLAR	CM519	CMXM2A103J	100V 0.01MF J		110	R CARBON FILM	R536-537	RD-AZ153J-	1/6 15K OHM J	
54	C MYLAR	CM520	CMXM2A333J	100V 0.033MF J		111	R CARBON FILM	R539	RD-AZ474J-	1/6 470K OHM J	
55	C MYLAR	CM521	CMXM2A103J	100V 0.01MF J		112	R CARBON FILM	R540	RD-AZ273J-	1/6 27K OHM J	
56	C MYLAR	CM522	CMXM2A333J	100V 0.033MF J		113	R CARBON FILM	R541-543	RD-AZ562J-	1/6 5.6K OHM J	
57	C MYLAR	CM523	CMXM2A152J	100V 1500PF J		114	R CARBON FILM	R544	RD-AZ273J-	1/6 27K OHM J	
58	C MYLAR	CM525	CMXM2A152J	100V 1500PF J		115	R CARBON FILM	R546-548	RD-AZ562J-	1/6 5.6K OHM J	
59	CONN AS	CN501	9738840800	FFC 16P P1.0X250MM R		116	R CARBON FILM	R549-550	RD-AZ273J-	1/6 27K OHM J	
60	CONN AS	CN509	9738832102	8P 240 P=2.5 BOARDIN		117	R CARBON FILM	R551	RD-AZ184J-	1/6 180K OHM J	
61	WAFER	CW501	9CD6259300	52807-1610		118	R CARBON FILM	R552	RD-2Y229J-	1/2 2.2 OHM J	
62	WAFER	CW502	2503-WS-02	2P 2.5MM		119	R CARBON FILM	R554	RD-2Y150J-	1/2 15 OHM J	
63	WAFER	CW503	2001-WS-06	6P 2.0MM		120	R CARBON FILM	R555	RD-2Y100J-	1/2 10 OHM J	
64	WAFER	CW507	2001-WS-12	12P 2.0MM		121	R CARBON FILM	R556-561	RD-AZ472J-	1/6 4.7K OHM J	
65	WAFER	CW508	9736408400	52045-1945 19P		122	R CARBON FILM	R562	RD-AZ103J-	1/6 10K OHM J	
66	DIODE	D501	DZN148---	IN1418 AUTO 52MM		123	R CARBON FILM	R563-566	RD-AZ104J-	1/6 100K OHM J	
67	DIODE ZENER	DZ501-502	DZT25R6B--	UZ-5.6B		124	R CARBON FILM	R567	RD-AZ472J-	1/6 4.7K OHM J	
68	DIODE ZENER	DZ503	DZT23R9B--	UZ-3.9B		125	R CARBON FILM	R568	RD-AZ221J-	1/6 220 OHM J	
69	DIODE ZENER	DZ504	DZT25R6B--	UZ-5.6B		126	R CARBON FILM	R569	RD-AZ102J-	1/6 1K OHM J	
70	IC CHIP DSP	IC501	1KS9286B--	KS9286B DSP+DAC		127	R CARBON FILM	R575	RD-AZ104J-	1/6 100K OHM J	
71	IC CHIP RF	IC502	1KB9223---	KB9223 RF+SSP+AF		128	R CARBON FILM	R577	RD-AZ103J-	1/6 10K OHM J	
72	IC CHIP	IC503	1KA9258D--	KA9258D		129	RESONATOR CERA	XC501	5PCSA16R93	CSA16.93MXZ04	
73	IC	IC504-505	1DBL2084--	DBL2084(D/W)		1	PANEL FRONT AS	15000	9CDM043501	AXL-125R	
74	R CARBON FILM	JW565	RD-2Y150J-	1/2 15 OHM J		2	PCB FRONT	B701	9CD6583200	163X247X1.6T	
75	R CARBON FILM	R578	RD-4Z109J-	1/4 1 OHM J		3	C CERA	CC701	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)	
76	R CARBON FILM	JW578	RD-AZ472J-	1/6 4.7K OHM J		4	C CERA	CC702	CCZB1H102K	HIKB 50V 1000PF K (AXIAL)	
77	COIL PEAKING	L501-502	5CPZ101K02	100UH K (AXIAL 3.5MM)		5	C CERA	CC703	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)	
78	TR	Q501	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		6	C CERA	CC704	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)	
79	TR	Q502	TZSC2331Y-	KSC2331Y		7	C CERA	CC705-706	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)	
80	TR	Q503-504	TZSA928AY-	KSA928A-Y		8	C CERA	CC707-708	CCZB1H101K	HIKB 50V 100PF K (AXIAL)	
81	R CARBON FILM	R501	RD-AZ100J-	1/6 10 OHM J		9	C CERA	CC709	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)	
82	R CARBON FILM	R502	RD-AZ561J-	1/6 560 OHM J		10	C CERA	CC710	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
11	C CERA	CC711	CZCH1H150J	CH 50V 15PF J (AXIAL)		68	R CARBON FILM	R312	RD-AZ821J-	1/6 820 OHM J	
12	C CERA	CC712	CZCH1H180J	CH 50V 18PF J (AXIAL)		69	R CARBON FILM	R313	RD-AZ152J-	1/6 1.5K OHM J	
13	C CERA	CC713~714	CZSL1H330J	SL 50V 33PF J (AXIAL)		70	R CARBON FILM	R314	RD-AZ272J-	1/6 2.7K OHM J	
14	C CERA	CC715	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		71	R CARBON FILM	R315	RD-AZ101J-	1/6 100 OHM J	
15	C CERA	CC716	CCZB1H101K	HIKB 50V 100PF K (AXIAL)		72	R CARBON FILM	R316	RD-AZ151J-	1/6 150 OHM J	
16	C CERA	CC717	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		73	R CARBON FILM	R317	RD-AZ181J-	1/6 180 OHM J	
17	C CERA	CC718	CZSL1H330J	SL 50V 33PF J (AXIAL)		74	R CARBON FILM	R318	RD-AZ271J-	1/6 270 OHM J	
18	C CERA	CC719	CCZB1H101K	HIKB 50V 100PF K (AXIAL)		75	R CARBON FILM	R319	RD-AZ331J-	1/6 330 OHM J	
19	C CERA	CC720	CCZB1H102K	HIKB 50V 1000PF K (AXIAL)		76	R CARBON FILM	R320	RD-AZ391J-	1/6 390 OHM J	
20	C CERA	CC721~722	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		77	R CARBON FILM	R321	RD-AZ471J-	1/6 470 OHM J	
21	C CERA	CC728	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		78	R CARBON FILM	R322	RD-AZ561J-	1/6 560 OHM J	
22	C ELECTRO	CE702	CEXF1H109V	50V RSS 1MF (5X11)		79	R CARBON FILM	R323	RD-AZ821J-	1/6 820 OHM J	
23	C ELECTRO	CE704	CEXF1A102V	10V RSS 1000MF (8X12.5)		80	R CARBON FILM	R325	RD-AZ822J-	1/6 8.2K OHM J	
24	C ELECTRO	CE705	CEXF1E101V	25V RSS 100MF (6.3X11)		81	R CARBON FILM	R701~702	RD-AZ103J-	1/6 10K OHM J	
25	C ELECTRO	CE706~707	CEXF1H229V	50V RSS 2.2MF (5X11)		82	R CARBON FILM	R704	RD-AZ103J-	1/6 10K OHM J	
26	C ELECTRO	CE708	CEXF1H100V	50V RSS 10MF (5X11)		83	R CARBON FILM	R709	RD-AZ103J-	1/6 10K OHM J	
27	CONN AS	CN701	9738833700	#26 8P FLAT 220MM		84	R CARBON FILM	R713~715	RD-AZ103J-	1/6 10K OHM J	
28	CONN AS	CN703	9738834100	#26 13P FLAT 110MM		85	R CARBON FILM	R716	RD-AZ333J-	1/6 33K OHM J	
29	CONN AS	CN704	9738834000	#26 2.0PITCH 11P FLAT 150		86	R CARBON FILM	R717	RD-AZ683J-	1/6 68K OHM J	
30	PIN WAFER	CW400	9736407700	52084-1310 13P BOTTOM		87	R CARBON FILM	R718	RD-AZ393J-	1/6 39K OHM J	
31	PIN WAFER	CW401	9736407900	52084-1010 10P BOTTOM		88	R CARBON FILM	R719~721	RD-AZ152J-	1/6 1.5K OHM J	
32	WAFER	CW508	9736408300	52492-1920 19P BOTTOM		89	R CARBON FILM	R722	RD-AZ472J-	1/6 4.7K OHM J	
33	DIODE	D701	DZN4148---	IN4148 AUTO 52MM		90	R CARBON FILM	R724~725	RD-AZ103J-	1/6 10K OHM J	
34	DIODE	D704	DZN4148---	IN4148 AUTO 52MM		91	R CARBON FILM	R727	RD-AZ103J-	1/6 10K OHM J	
35	DIODE	D706~710	DZN4148---	IN4148 AUTO 52MM		92	R CARBON FILM	R728~729	RD-AZ102J-	1/6 1K OHM J	
36	VFD	FD701	DSVA09MS18	HNA-09MS18		93	R CARBON FILM	R730	RD-AZ103J-	1/6 10K OHM J	
37	IC	IC701	1M38199277FP	MICOM M38199MF-277FP		94	R CARBON FILM	R731~732	RD-AZ102J-	1/6 1K OHM J	
38	IC	IC702	1M24C04---	M24C04-BN6		95	R CARBON FILM	R733	RD-AZ103J-	1/6 10K OHM J	
39	IC	IC704	1MSGEQ5A-	MSGEQ5A		96	R CARBON FILM	R734	RD-AZ102J-	1/6 1K OHM J	
40	IC PRE AMP	IC705	1HEG838---	HEG838		97	R CARBON FILM	R735~736	RD-AZ103J-	1/6 10K OHM J	
41	IC	IC706	1BU4094BCF	BU4094BCF(SOP16)		98	R CARBON FILM	R737	RD-AZ222J-	1/6 2.2K OHM J	
42	LED	LD701~702	DLTL16KGE-	LTL-16KGE(GREEN)PI3.1		99	R CARBON FILM	R738	RD-AZ102J-	1/6 1K OHM J	
43	LED	LD703	DLTL16KEE-	LTL-16KEE(RED)PI3.1		100	R CARBON FILM	R739	RD-4Z229J-	1/4 2.2 OHM J	
44	LED	LD704~705	DLTL16KGE-	LTL-16KGE(GREEN)PI3.1		101	R CARBON FILM	R740	RD-AZ222J-	1/6 2.2K OHM J	
45	LED	LD706	DLTL16KEE-	LTL-16KEE(RED)PI3.1		102	R CARBON FILM	R741	RD-AZ102J-	1/6 1K OHM J	
46	LED	LD707~708	DLTL16KGE-	LTL-16KGE(GREEN)PI3.1		103	R CARBON FILM	R742	RD-AZ222J-	1/6 2.2K OHM J	
47	LED	LD709	DLTL16KEE-	LTL-16KEE(RED)PI3.1		104	R CARBON FILM	R743	RD-AZ102J-	1/6 1K OHM J	
48	LED	LD710~711	DLTL16KGE-	LTL-16KGE(GREEN)PI3.1		105	R CARBON FILM	R744	RD-4Z229J-	1/4 2.2 OHM J	
49	LED	LD712	DLTL16KEE-	LTL-16KEE(RED)PI3.1		106	R CARBON FILM	R745~746	RD-AZ473J-	1/6 47K OHM J	
50	TR	Q701	TZRC107M--	KRC107-M TAPPING(KSR1006)		107	R CARBON FILM	R747	RD-AZ103J-	1/6 10K OHM J	
51	TR	Q702~703	TZRC111M--	KRC111M (KSR1010)		108	R CARBON FILM	R748	RD-AZ391J-	1/6 390 OHM J	
52	TR	Q704	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		109	R CARBON FILM	R749	RD-AZ271J-	1/6 270 OHM J	
53	TR	Q705~707	TZTA1273Y-	KTA1273Y(966Y)		110	R CARBON FILM	R750	RD-AZ391J-	1/6 390 OHM J	
54	TR	Q708~710	TZRC107M--	KRC107-M TAPPING(KSR1006)		111	R CARBON FILM	R751	RD-AZ271J-	1/6 270 OHM J	
55	TR	Q711~715	TZRA111M--	KRA111-M TAPPING(KSR2010)		112	R CARBON FILM	R752	RD-AZ391J-	1/6 390 OHM J	
56	TR	Q716	TZRC107M--	KRC107-M TAPPING(KSR1006)		113	R CARBON FILM	R753	RD-AZ271J-	1/6 270 OHM J	
57	R CARBON FILM	R301	RD-AZ101J-	1/6 100 OHM J		114	R CARBON FILM	R754	RD-AZ391J-	1/6 390 OHM J	
58	R CARBON FILM	R302	RD-AZ151J-	1/6 150 OHM J		115	R CARBON FILM	R755	RD-AZ271J-	1/6 270 OHM J	
59	R CARBON FILM	R303	RD-AZ181J-	1/6 180 OHM J		116	R CARBON FILM	R756	RD-AZ390J-	1/6 39 OHM J	
60	R CARBON FILM	R304	RD-AZ101J-	1/6 100 OHM J		117	R CARBON FILM	R759	RD-AZ106J-	1/6 10M OHM J	
61	R CARBON FILM	R305	RD-AZ151J-	1/6 150 OHM J		118	R CARBON FILM	R760	RD-AZ334J-	1/6 330K OHM J	
62	R CARBON FILM	R306	RD-AZ181J-	1/6 180 OHM J		119	R CARBON FILM	R761	RD-AZ101J-	1/6 100 OHM J	
63	R CARBON FILM	R307	RD-AZ271J-	1/6 270 OHM J		120	R CARBON FILM	R762	RD-AZ100J-	1/6 10 OHM J	
64	R CARBON FILM	R308	RD-AZ331J-	1/6 330 OHM J		121	R CARBON FILM	R763	RD-AZ104J-	1/6 100K OHM J	
65	R CARBON FILM	R309	RD-AZ391J-	1/6 390 OHM J		122	R CARBON FILM	R764	RD-AZ101J-	1/6 100 OHM J	
66	R CARBON FILM	R310	RD-AZ471J-	1/6 470 OHM J		123	R CARBON FILM	R765	RD-AZ103J-	1/6 10K OHM J	
67	R CARBON FILM	R311	RD-AZ561J-	1/6 560 OHM J		124	R CARBON FILM	R766	RD-AZ224J-	1/6 220K OHM J	

Electrical Parts List

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
125	R CARBON FILM	R767~768	RD-AZ101J-	1/6 100 OHM J	
126	R CARBON FILM	R769	RD-AZ102J-	1/6 1K OHM J	
127	R CARBON FILM	R770	RD-AZ224J-	1/6 220K OHM J	
128	R CARBON FILM	R771	RD-AZ102J-	1/6 1K OHM J	
129	R CARBON FILM	R772~773	RD-AZ103J-	1/6 10K OHM J	
130	R CARBON FILM	R775	RD-AZ103J-	1/6 10K OHM J	
131	R CARBON FILM	R776	RD-AZ334J-	1/6 330K OHM J	
132	R CARBON FILM	R777~778	RD-AZ104J-	1/6 100K OHM J	
133	R CARBON FILM	R779	RD-AZ334J-	1/6 330K OHM J	
134	R CARBON FILM	R784	RD-AZ683J-	1/6 68K OHM J	
135	R CARBON FILM	R785	RD-AZ103J-	1/6 10K OHM J	
136	R CARBON FILM	R788	RD-AZ472J-	1/6 4.7K OHM J	
137	SW TACT	SW701~728	5S50101001	KPT-1105A 1C-1P	
138	SW ENCODER	VR701	5SH162401-	EC16B24204 24P W/DETENT	
139	RESONATOR	XC701	5PCSA8MTZ-	CSA8MTZ, 8MHZ	
140	X-TAL	XC702	5XA32R768-	DT-38 32.768KHZ 20PPM	
1	PCB POWER AS	13000	9CDC057400	AMI-829LF	
2	PCB POWER	B900	9CD6580501-03	108X123X1.6T	
3	WAFER	CW900	2503-WS-08	8P 2.5MM	
4	CLIP FUSE	FC980~983	9734600700	FC-5N	
5	FUSE GLASS TUBE	F980	5F1GB2512M	UL/CSA NM 2.5A 250V MF51	
6	FUSE GLASS TUBE	F981	5FSGB1222R	S500/GDB 1.25A 250V MF51	
7	WIRE JUMPER	JW986	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
8	WIRE JUMPER	JW990	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
9	R FUSIBLE	RF982~983	RF01F4780J	0.47OHM 1W 32D	
10	R METAL FILM	R980	RN-2Y475J-	1/2 4.7M OHM J	
11	SW VOL SEL	SW980	5S30102361	SDKHA2	
12	PIN WRAPPING	TP980~981	9716404000	MFZN1.1X1.1 PANASERT	
13	CORD AC	CD900	9736908900	IT10S2	
14	TRANS POWER	PT981	5TP0074839	EI=74X42 127V/230V,60Hz/50Hz	
15	CONN AS	CN508	9738840900	FFC 19P P1.25X110MM K	

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
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