

DAEWOO

Service Manual

MINI COMPONENT SYSTEM

Model : XL-123DP



DAEWOO ELECTRONICS CO., LTD.

MINI COMPONENT SYSTEM

XL-123DP

Table of Contents

SAFETY PRECAUTIONS.....	2
ADJUSTMENTS.....	4
EXPLODED VIEW AND PARTS LIST	5
WIRING DIAGRAM	7
BLOCK DIAGRAM	8
SCHEMATIC DIAGRAM	9
AMP	9
TUNER.....	10
TAPE.....	11
CD	12
CONTROL	13
PCB PATTERN LAYOUT	14
ELECTRICAL PART LIST	18

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

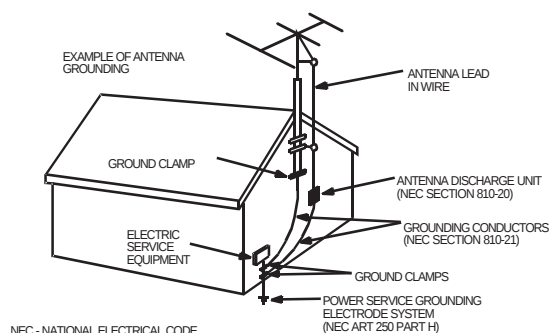


Figure 2

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.

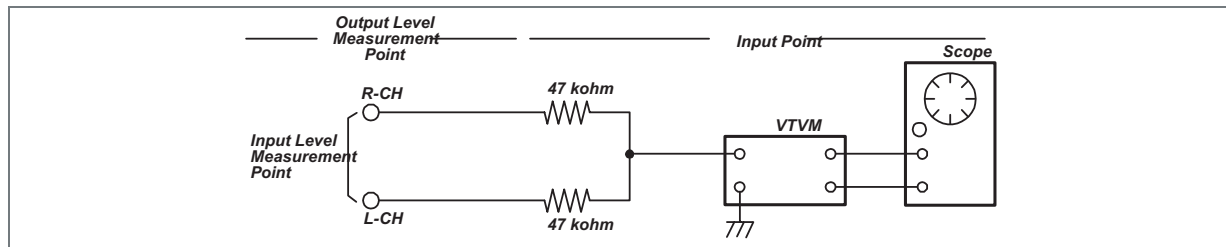
16. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

- 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

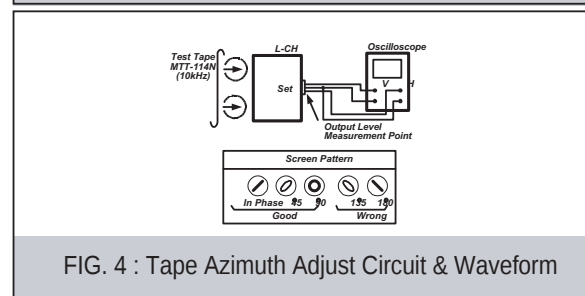
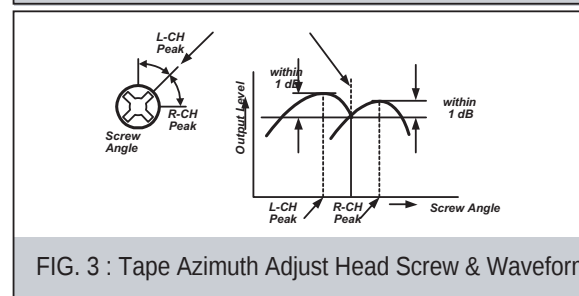
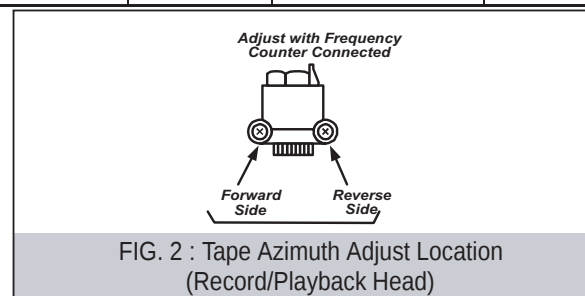
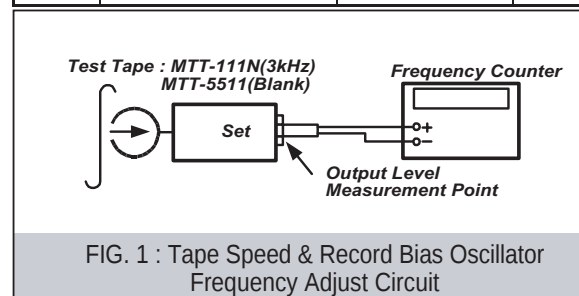
HEAD ADJUSTMENT (AZIMUTH)

- 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

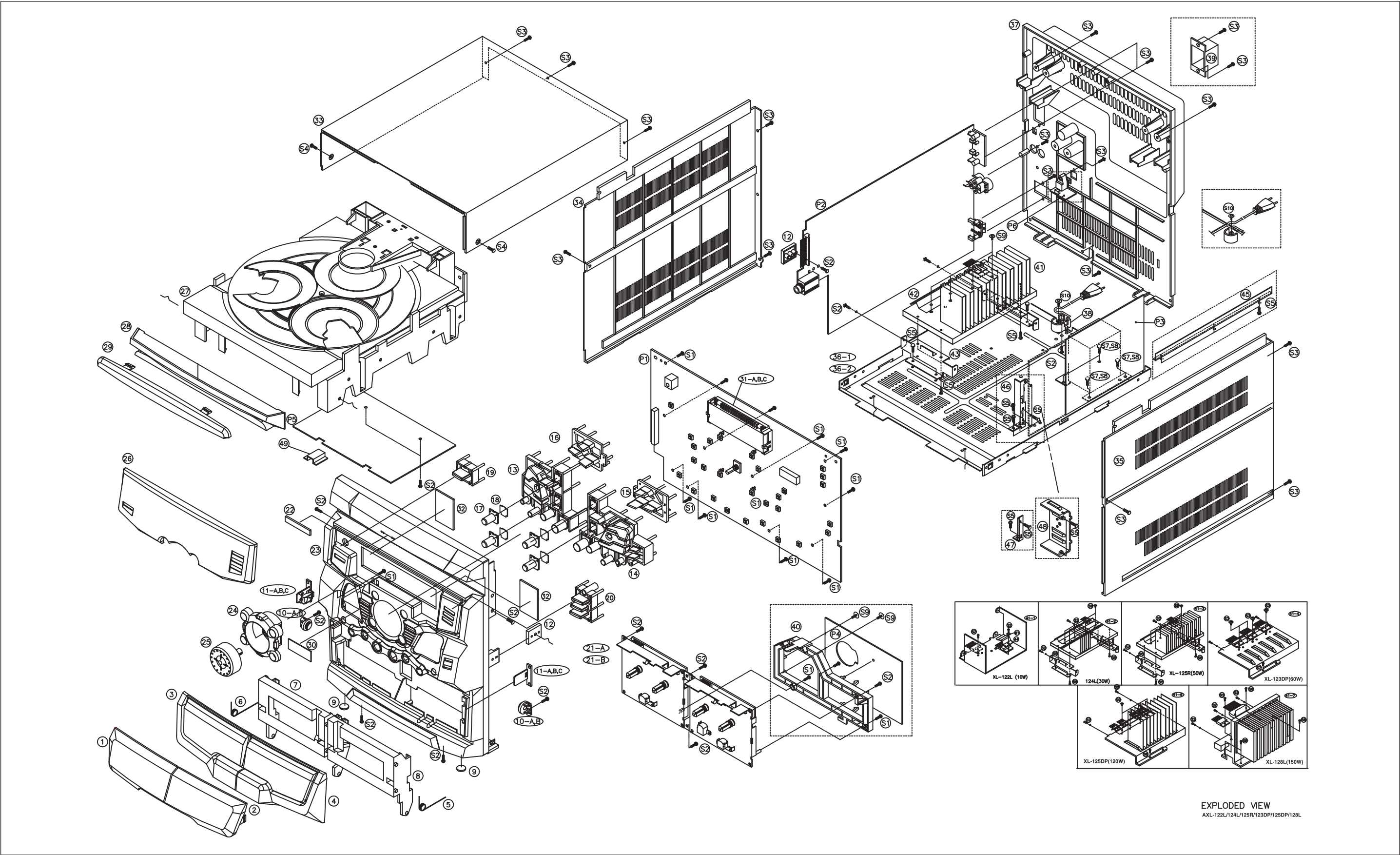
- Connect the frequency counter to TP603, GND.
- Press the REC button.
- Adjust L603 to obtain 80 KHz $\pm$ 100Hz

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 & Flutter 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: Within 90°	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



Exploded View and Mechanical Parts List

Model : XL-123DP



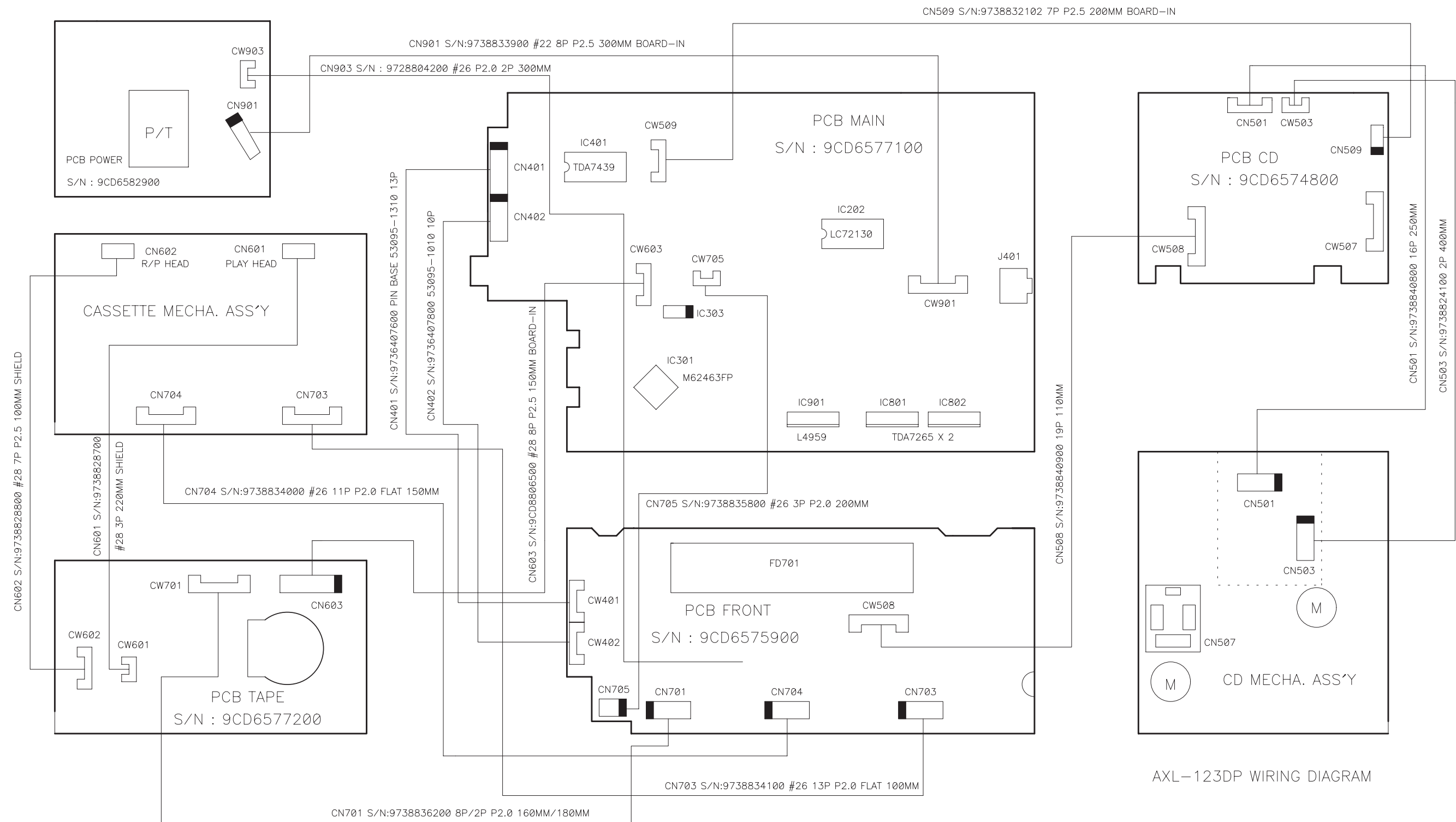
Exploded View and Mechanical Parts List

Model : XL-123DP

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		

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	OPTION
P1	FRONT PCB			1	
P2	MAIN PCB			1	
P3	POWER PCB			1	
P5	PCB CD			1	
P5	PCB JACK			1	

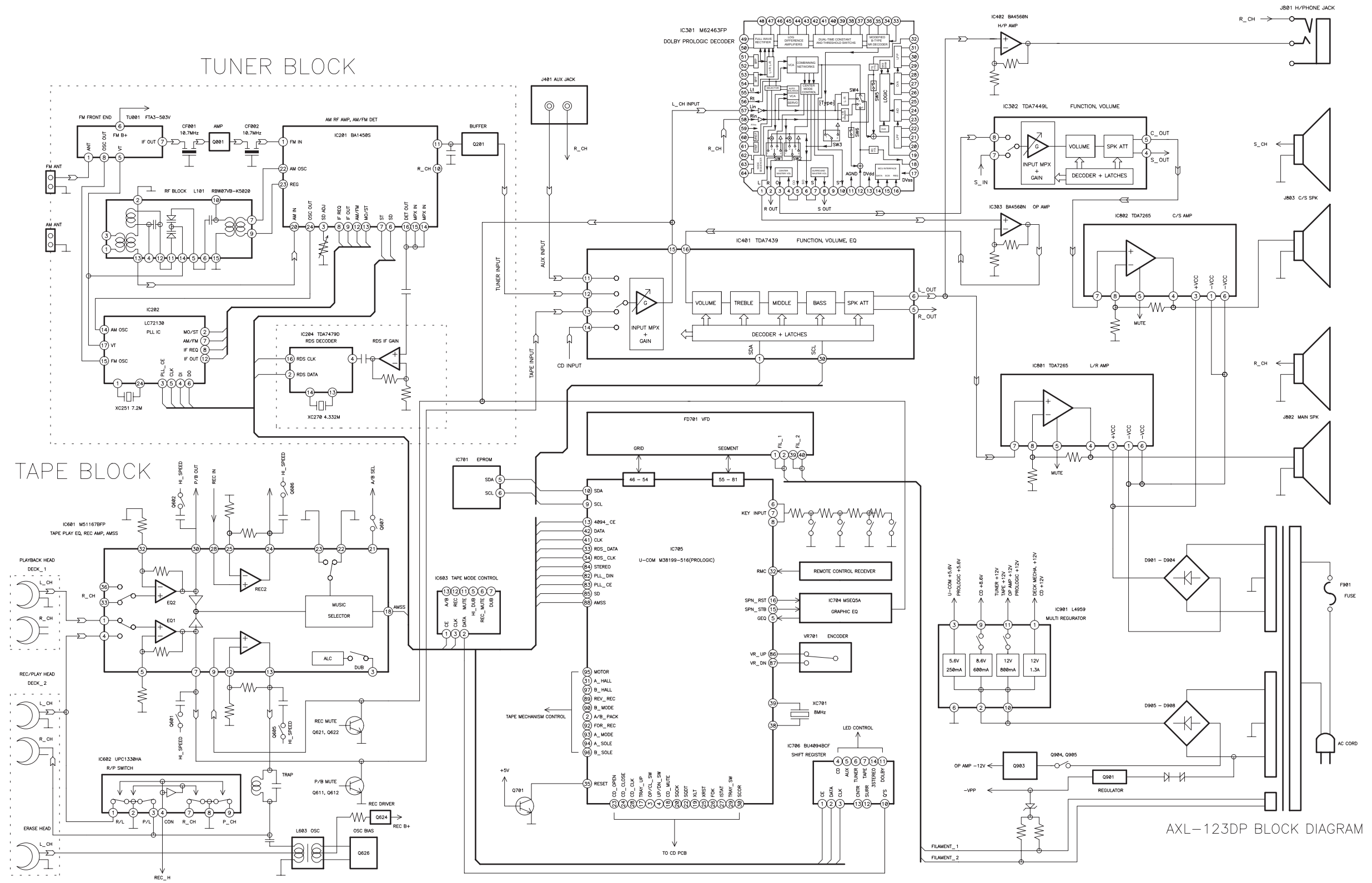
Model : XL-123DP



AXL-123DP WIRING DIAGRAM

Block Diagram

Model : XL-123DP



AXL-123DP BLOCK DIAGRAM

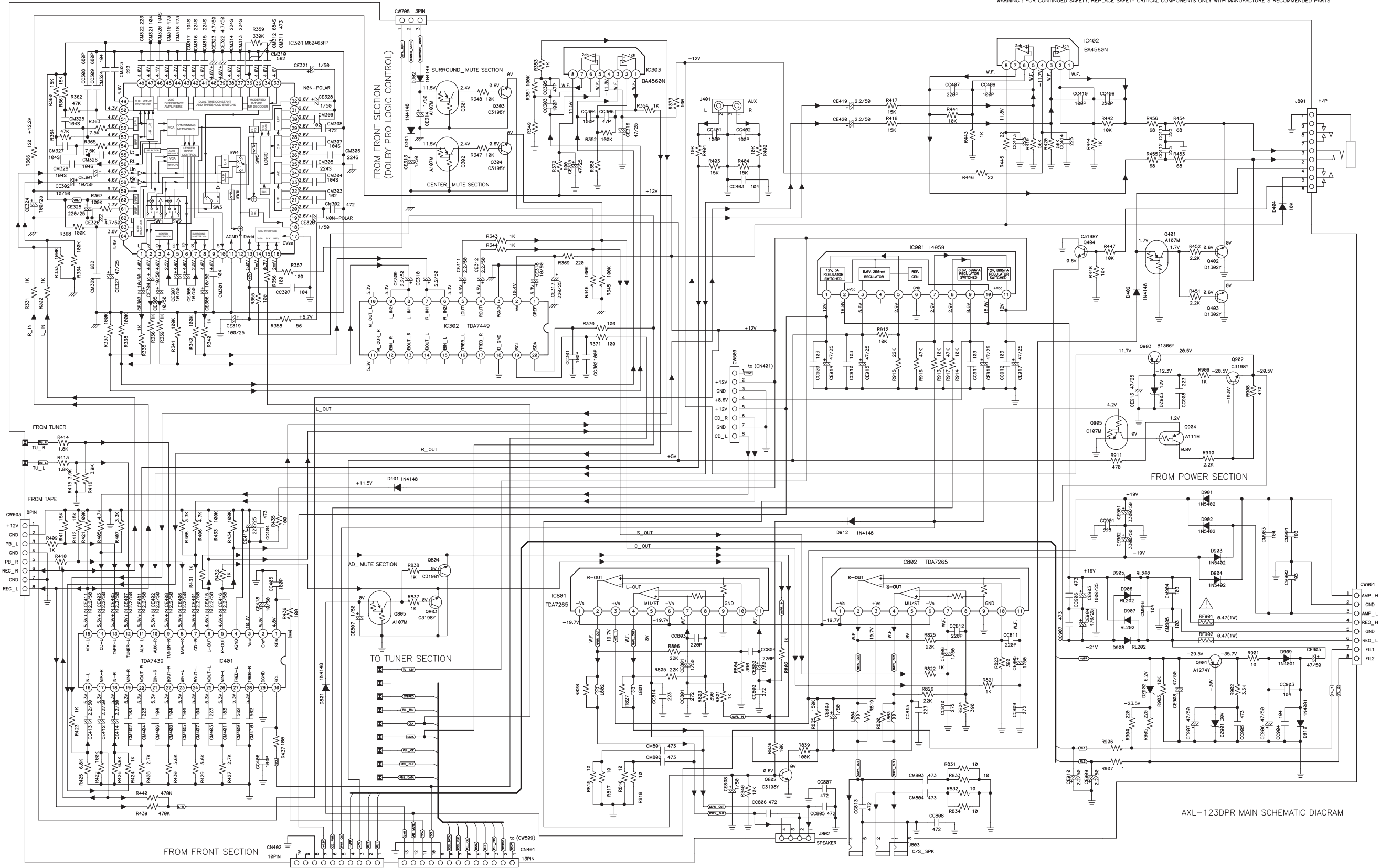
Schmatic Diagram

Model : XL-123DP
Ass'y Name : 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

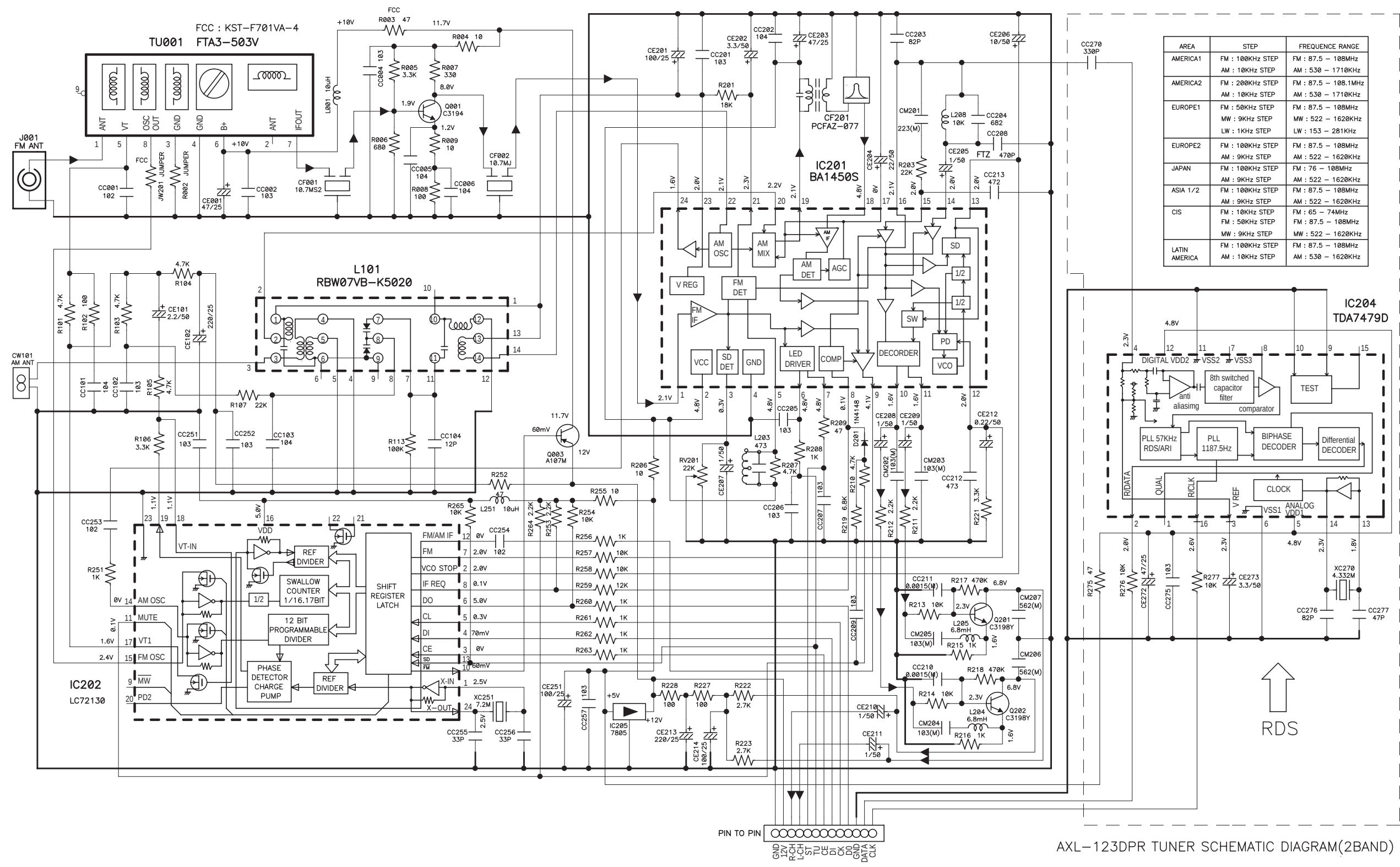
WARNING : FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURE'S RECOMMENDED PARTS



AXL-123DPR MAIN SCHEMATIC DIAGRAM

Schmatic Diagram

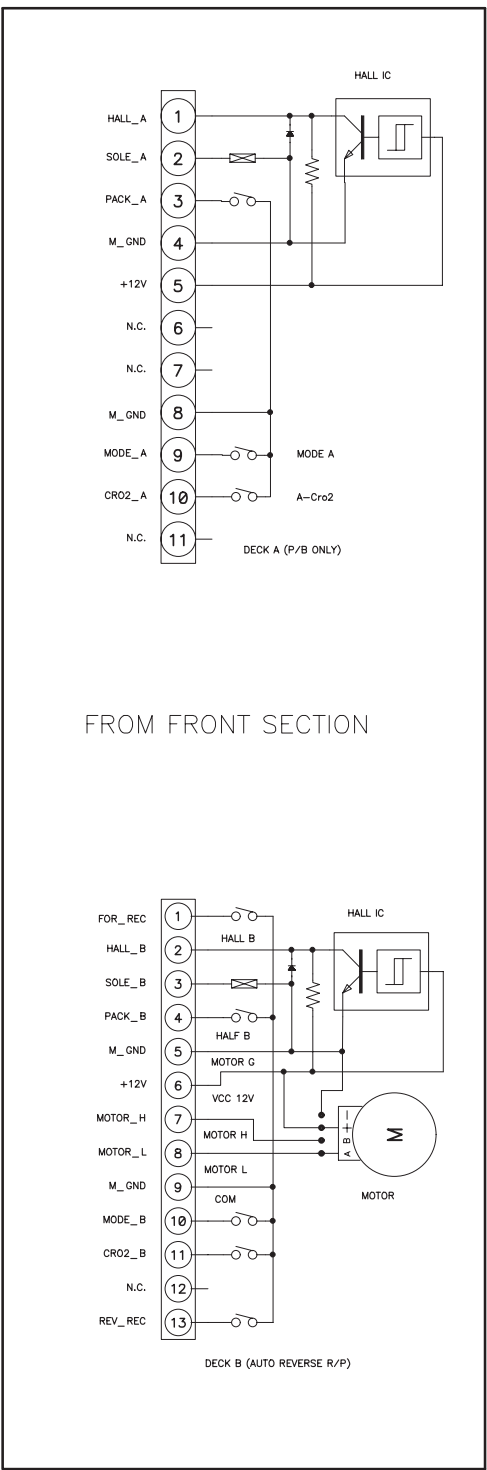
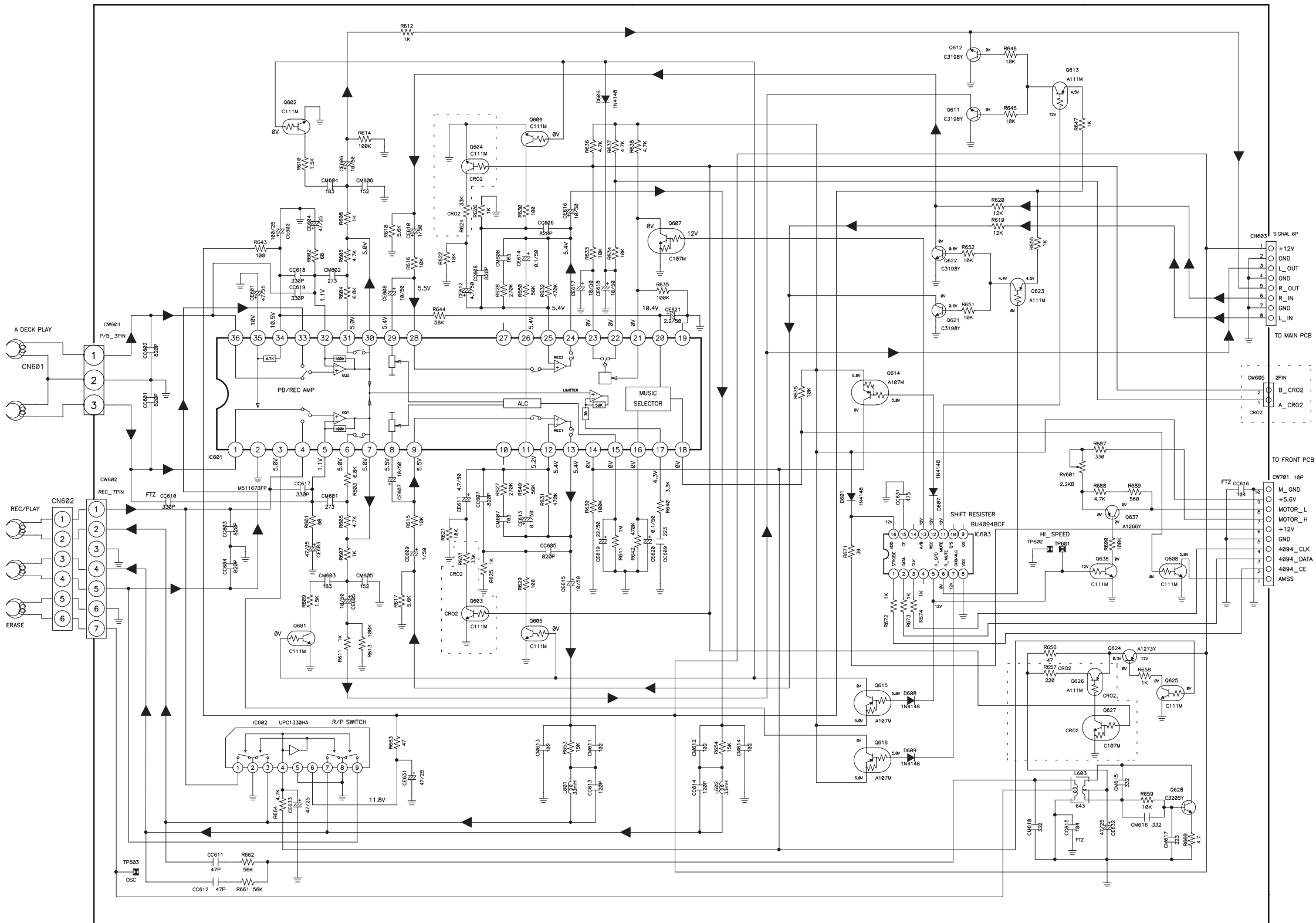
Model : XL-123DP
Ass'y Name : TUNER



AXL-123DP TUNER SCHEMATIC DIAGRAM(2BAND)

Schmatic Diagram

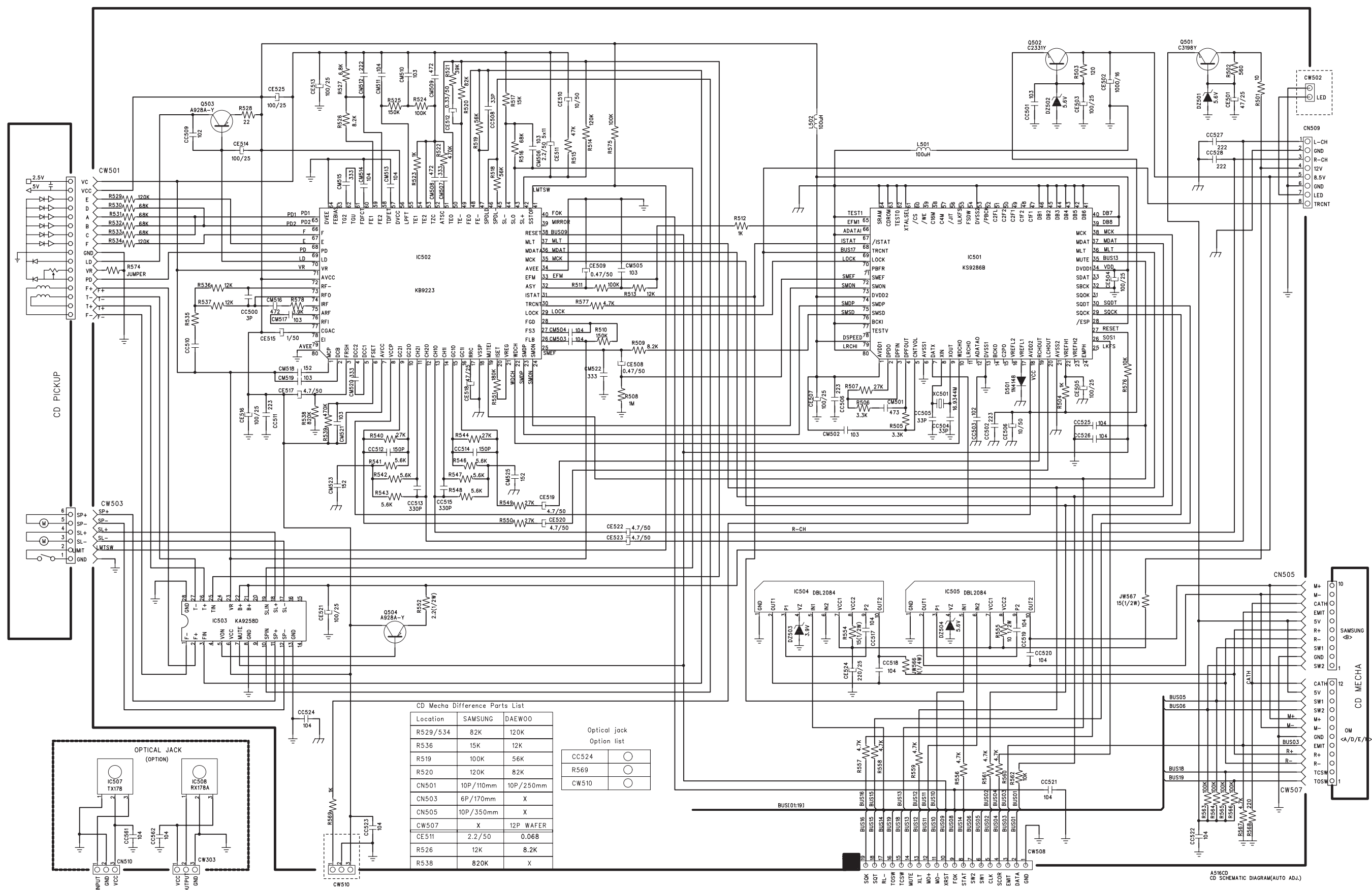
Model : XL-123DP
Ass'y Name : TAPE



AXL-123DPR TAPE SCHEMATIC DIAGRAM

Schmatic Diagram

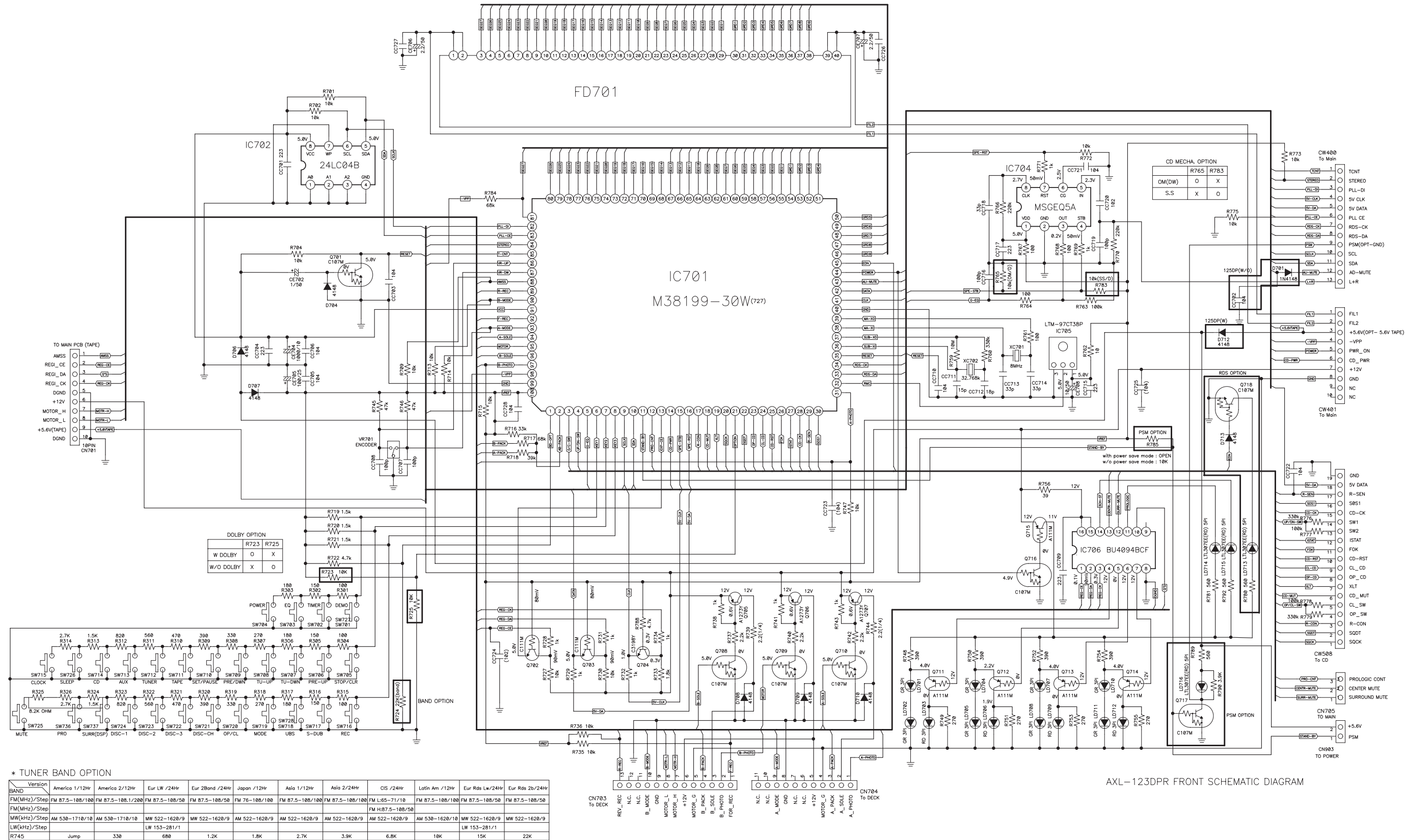
Model : XL-123DP
Ass'y Name : CD



Schmatic Diagram

Model : XL-123DP

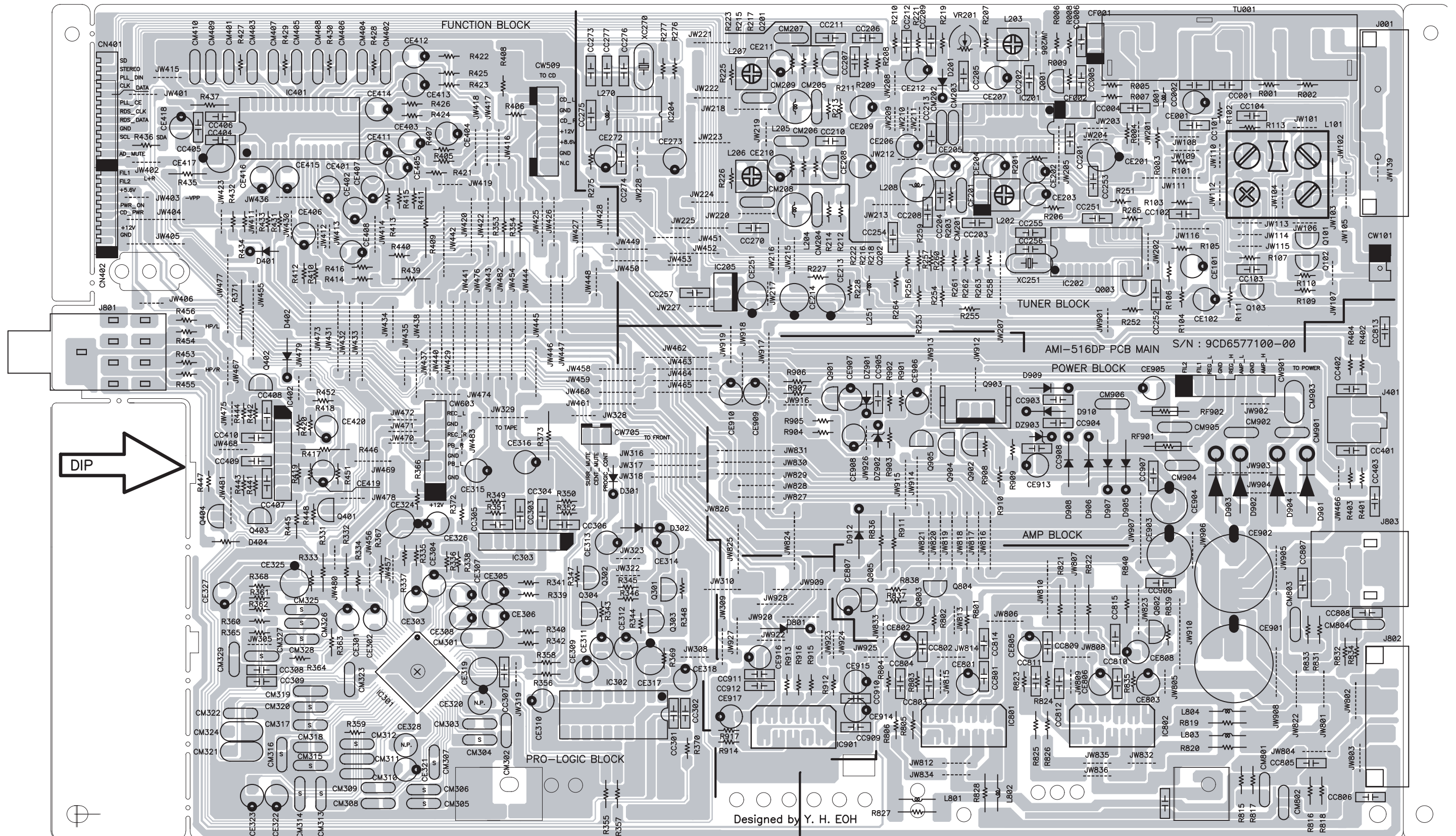
Ass'y Name : Control



P.C.B Pattern Layout

Model : XL-123DP

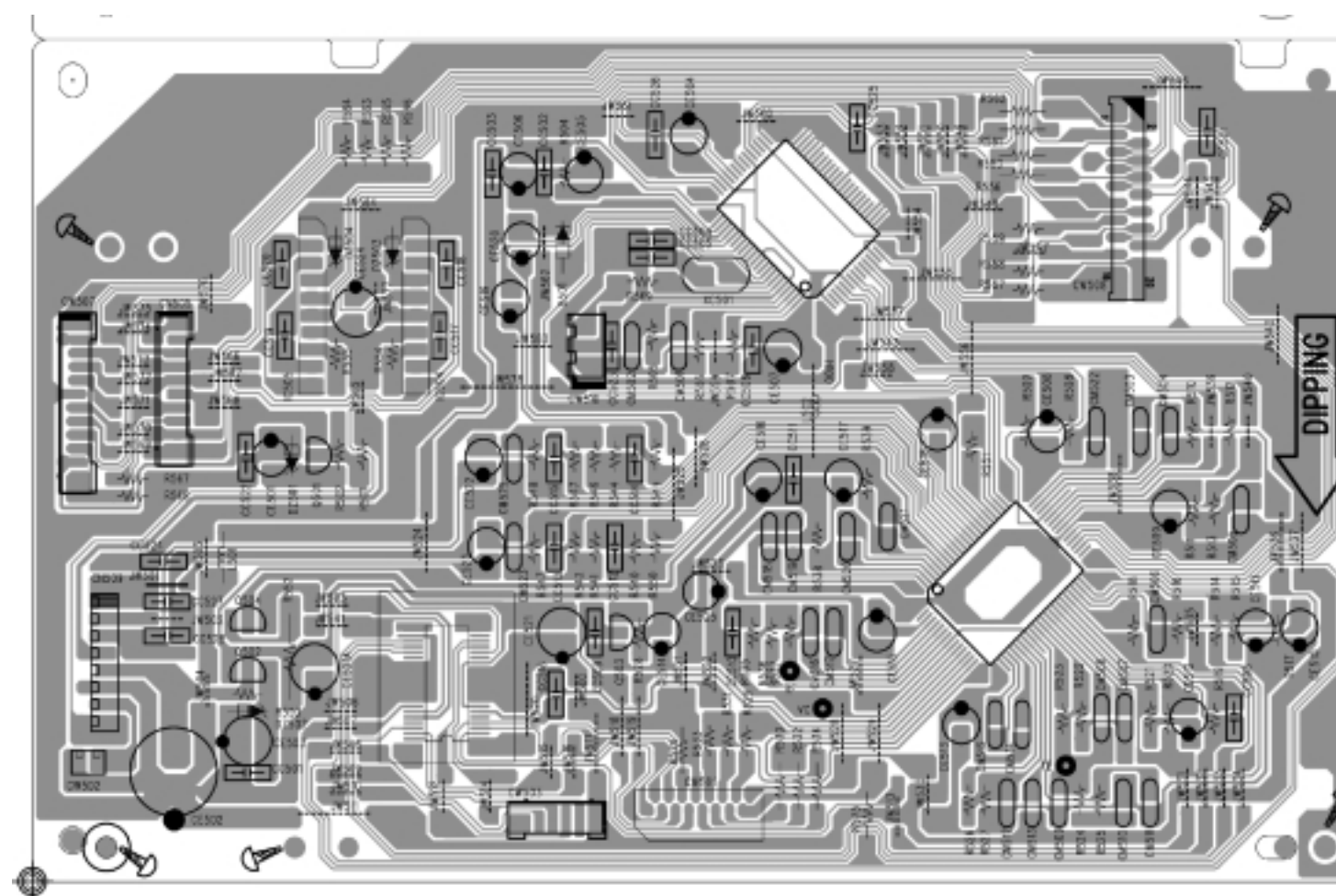
Ass'y Name : Main P.C.B



P.C.B Pattern Layout

Model : XL-123DP
Ass'y Name : CD P.C.B.

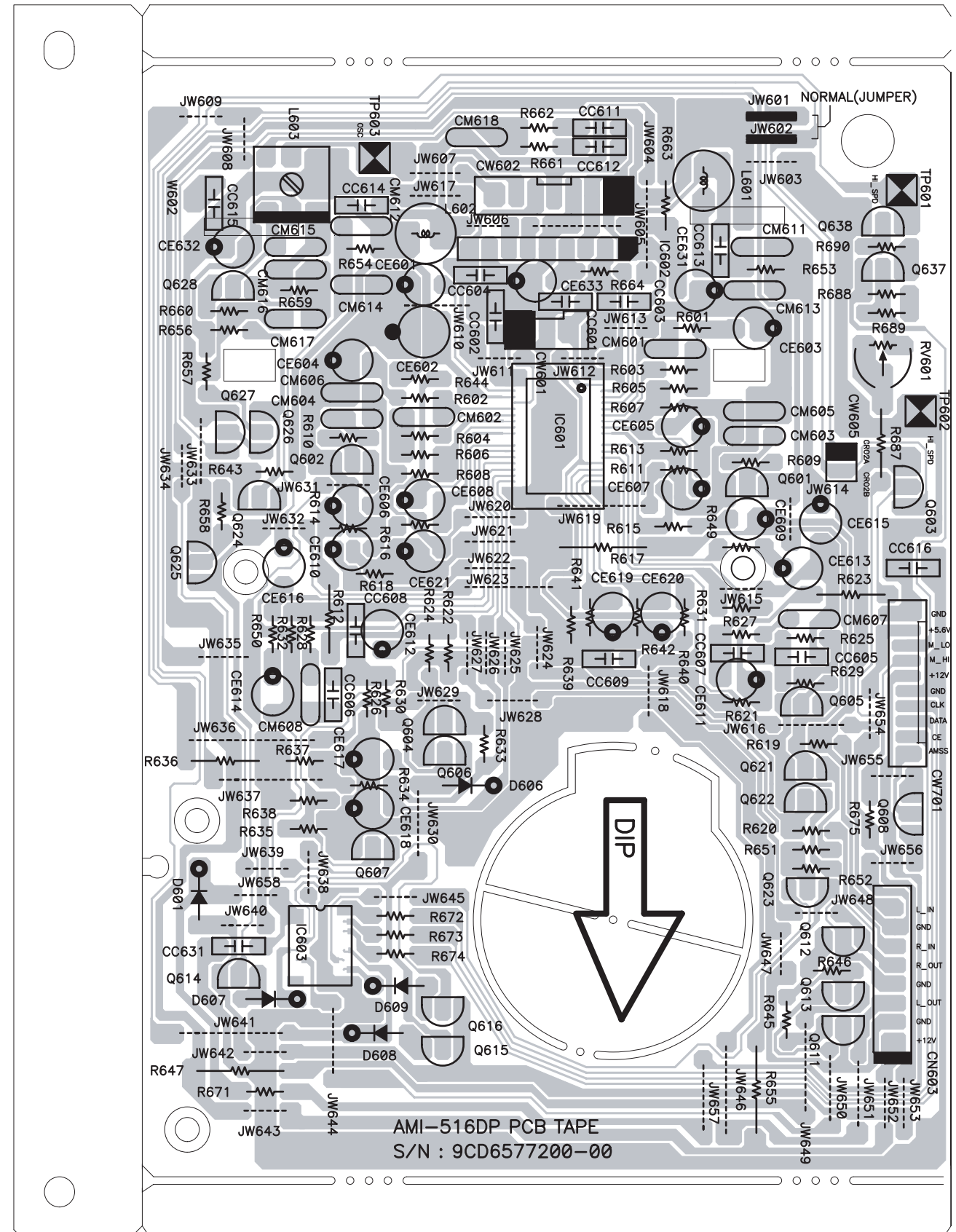
S/N : 9CD6579500



Model : XL-123DP
Ass'y Name : POWER P.C.B



Model : XL-123DP
Ass'y Name : TAPE P.C.B



Model : XL-123DP
Ass'y Name : FRONT P.C.B.



Electrical Parts List

NO	LOCATION	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	COMMENT	NO	LOCATION	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	COMMENT
1	10	CD DECK MECHA	9CD6006900	DCC-01B		75	IC502	IC CHIP RF	1KB9223---	KB9223 RF+SSP+AF	
2	20	HEAT SINK	9CD4402800	BSP 0.5T		76	IC503	IC CHIP	1KA9258D--	KA9258D	
3	11000	PCB CD AS (S/S)	9CDC053400	AMI-516DPN		77	IC504-505	IC	1DBL2084--	DBL2084(D/W)	
4	B501	PCB CD	9CD6579500	197X247X1.6T		78	JW501-502	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
5	BD501	CORE BEAD	9768602000	H.B-T15X25X130N		79	JW503	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
6	CC500	C CERA	CXCH1H309C	50V CH 3PF C		80	JW504-510	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
7	CC501	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		81	JW511	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
8	CC502	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		82	JW512	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
9	CC503	C CERA	CCXB1H102K	50V B 1000PF K (TAPPING)		83	JW513	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
10	CC504-505	C CERA	CXCH1H330J	50V CH 33PF J (TAPPING)		84	JW514-516	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
11	CC506	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		85	JW517-519	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
12	CC508	C CERA	CXCH1H330J	50V CH 33PF J (TAPPING)		86	JW520	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
13	CC509	C CERA	CCXB1H102K	50V B 1000PF K (TAPPING)		87	JW521-523	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
14	CC511	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		88	JW524	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
15	CC512	C CERA	CCXB1H151K	50V B 150PF K (TAPPING)		89	JW525	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
16	CC513	C CERA	CCXB1H331K	50V B 330PF K (TAPPING)		90	JW526	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
17	CC514	C CERA	CCXB1H151K	50V B 150PF K (TAPPING)		91	JW527	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
18	CC515	C CERA	CCXB1H331K	50V B 330PF K (TAPPING)		92	JW528-529	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
19	CC517-526	C CERA	CCXF1H104Z	50V F 0.1MF Z		93	JW530-534	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
20	CC527-528	C CERA	CCXB1H222K	50V B 2200PF K (TAPPING)		94	JW535	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
21	CE501	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		95	JW536-538	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
22	CE502	C ELECTRO	CEYF1C102V	16V RSS 1000MF (10X20)		96	JW539	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
23	CE503-505	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		97	JW540	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
24	CE506	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP		98	JW541	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
25	CE507	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		99	JW542	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
26	CE508-509	C ELECTRO	CEXF1H478V	50V RSS 0.47MF (5X11) TP		100	JW543	R CARBON FILM	RD-AZ47J-	1/6 4.7K OHM J	
27	CE510	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP		101	JW544-545	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
28	CE511	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		102	JW546	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
29	CE512	C ELECTRO	CEXF1H338V	50V RSS 0.33MF (5X11) TP		103	JW547	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
30	CE513-514	C ELECTRO	CEXF1H101V	25V RSS 100MF (6.3X11) TP		104	JW548	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
31	CE515	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP		105	JW549-554	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
32	CE516	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		106	JW555	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
33	CE517	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP		107	JW556	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
34	CE518	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		108	JW557	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
35	CE519-520	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP		109	JW558-559	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
36	CE521	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		110	JW560	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
37	CE522-523	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP		111	JW561-562	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
38	CE524	C ELECTRO	CEXF1E221V	25V RSS 220MF (8X11.5) TP		112	JW563-564	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
39	CE525-526	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		113	JW565	R CARBON FILM	RD-2Y150J-	1/2 15 OHM J	
40	CM501	C MYLAR	CMXM1H473J	50V 0.047MF J		114	JW566	R CARBON FILM	RD-4Z109J-	1/4 1 OHM J	
41	CM502	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)		115	JW567-575	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
42	CM503-504	C MYLAR	CMXM1H104J	50V 0.1MF J		116	JW576	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
43	CM505-506	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)		117	JW577	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
44	CM507	C MYLAR	CMXM1H333J	50V 0.033MF J (TP)		118	JW578	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J	
45	CM508-509	C MYLAR	CMXM1H472J	50V 0.0047MF J		119	L501-502	COIL PEAKING	5CPZ101K02	100UH K (AXIAL 3.5MM)	
46	CM510	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)		120	Q501	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
47	CM511	C MYLAR	CMXM1H104J	50V 0.1MF J		121	Q502	TR	TKSC2331Y-	KSC2331Y	
48	CM512	C MYLAR	CMXM1H222J	50V 2200PF J		122	Q503-504	TR	KSA928AY-	KSA928A-Y	
49	CM513-514	C MYLAR	CMXM1H104J	50V 0.1MF J		123	R501	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	
50	CM515	C MYLAR	CMXM1H333J	50V 0.033MF J (TP)		124	R502	R CARBON FILM	RD-AZ561J-	1/6 560 OHM J	
51	CM516	C MYLAR	CMXM1H472J	50V 0.0047MF J		125	R503	R CARBON FILM	RD-AZ121J-	1/6 120 OHM J	
52	CM517	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)		126	R504	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
53	CM518	C MYLAR	CMXM1H152J	50V 1500PF J		127	R505-506	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J	
54	CM519	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)		128	R507	R CARBON FILM	RD-AZ273J-	1/6 27K OHM J	
55	CM520	C MYLAR	CMXM1H333J	50V 0.033MF J (TP)		129	R508	R CARBON FILM	RD-AZ105J-	1/6 1M OHM J	
56	CM521	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)		130	R509	R CARBON FILM	RD-AZ822J-	1/6 8.2K OHM J	
57	CM522	C MYLAR	CMXM1H333J	50V 0.033MF J (TP)		131	R510	R CARBON FILM	RD-AZ154J-	1/6 150K OHM J	
58	CM523	C MYLAR	CMXM1H152J	50V 1500PF J		132	R511	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
59	CM525	C MYLAR	CMXM1H152J	50V 1500PF J		133	R512	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
60	CN501	CONN AS	9738835600	FFC 16P P1.0X110MM R		134	R513	R CARBON FILM	RD-AZ123J-	1/6 12K OHM J	
61	CN503	CONN AS	9738832900	#30 UL1007 6P 170 P=2.0		135	R514	R CARBON FILM	RD-AZ124J-	1/6 120K OHM J	
62	CN505	CONN AS	9738832000	AWG26 10P 350 P=2.0 BR		136	R515	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J	
63	CN508	CONN AS	9738832400	FFT 19P 300MM P=1.25		137	R516	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J	
64	CN509	CONN AS	9738832101	8P 250 P=2.5 BOARDIN		138	R517	R CARBON FILM	RD-AZ153J-	1/6 15K OHM J	
65	CW501	CONN WAFER	9CD6259300	52807-1610		139	R518	R CARBON FILM	RD-AZ563J-	1/6 56K OHM J	
66	CW502	CONN WAFER	9CD6259600	2503-WS-2P		140	R519	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
67	CW503	CONN AS	9738832900	#30 UL1007 6P 170 P=2.0		141	R520	R CARBON FILM	RD-AZ124J-	1/6 120K OHM J	
68	CW508	CONN WAFER	9736408400	52045-1945 19P		142	R521	R CARBON FILM	RD-AZ393J-	1/6 39K OHM J	
69	CW510	CONN AS	9738841800	#26 400MM 3P 2.5P		143	R522	R CARBON FILM	RD-AZ474J-	1/6 470K OHM J	
70	D501	DIODE	DZN4148---	1N4148 AUTO 52MM		144	R523	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
71	DZ501-502	DIODE ZENER	DZTZ5R6A--	MTZ-5.6 52MM TAPPING		145	R524	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
72	DZ503	DIODE ZENER	DZTZ3R9B--	MTZ3.9B		146	R525	R CARBON FILM	RD-AZ154J-	1/6 150K OHM J	
73	DZ504	DIODE ZENER	DZTZ5R6A--	MTZ-5.6 52MM TAPPING		147	R526	R CARBON FILM	RD-AZ123J-	1/6 12K OHM J	
74	IC501	IC CHIP DSP	1KS9286B--	KS9286B DSP+DAC		148	R527	R CARBON FILM	RD-AZ682J-	1/6 6.8K OHM J	

Electrical Parts List

NO	LOCATION	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	COMMENT	NO	LOCATION	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	COMMENT
149	R528	R CARBON FILM	RD-AZ220J-	1/6 22 OHM J		47	JW307	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
150	R529	R CARBON FILM	RD-AZ823J-	1/6 82K OHM J		48	JW308	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
151	R530-533	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J		49	JW309	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
152	R534	R CARBON FILM	RD-AZ823J-	1/6 82K OHM J		50	JW310-311	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
153	R536	R CARBON FILM	RD-AZ153J-	1/6 15K OHM J		51	JW312	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
154	R537	R CARBON FILM	RD-AZ123J-	1/6 12K OHM J		52	JW313-314	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
155	R538	R CARBON FILM	RD-AZ824J-	1/6 820K OHM J		53	JW315	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
156	R539	R CARBON FILM	RD-AZ474J-	1/6 470K OHM J		54	JW318	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
157	R540	R CARBON FILM	RD-AZ273J-	1/6 27K OHM J		55	JW319	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
158	R541-543	R CARBON FILM	RD-AZ562J-	1/6 5.6K OHM J		56	JW320	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
159	R544	R CARBON FILM	RD-AZ273J-	1/6 27K OHM J		57	JW321	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
160	R546-548	R CARBON FILM	RD-AZ562J-	1/6 5.6K OHM J		58	JW322	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
161	R549-550	R CARBON FILM	RD-AZ273J-	1/6 27K OHM J		59	JW323-328	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
162	R551	R CARBON FILM	RD-AZ184J-	1/6 180K OHM J		60	JW700	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
163	R552	R CARBON FILM	RD-2Y229J-	1/2 2.2 OHM J		61	JW701	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
164	R554	R CARBON FILM	RD-2Y150J-	1/2 15 OHM J		62	JW702-705	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
165	R555	R CARBON FILM	RD-2Y100J-	1/2 10 OHM J		63	JW706-707	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
166	R556-561	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J		64	JW708	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
167	R562	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		65	JW709-710	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 12.5 AUTO	
168	R563-566	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J		66	JW711-713	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
169	R567	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J		67	JW714-716	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
170	R568	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J		68	JW717	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
171	R569	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		69	JW718	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
172	R574	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		70	JW719-723	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
173	R575	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J		71	JW724	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
174	R576	R CARBON FILM	RD-AZ392J-	1/6 3.9K OHM J		72	JW725-726	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
175	R577	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		73	JW727	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
176	XC501	RESONATOR CERA	5PCS A16R93	CSALA16M9X55-A0 (16.93M)		74	JW728	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
1	12000	PCB FRONT AS	9CDC058121	AXL-125DPER		75	JW729	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
2	B701	PCB FRONT	9CD6583200	247X163X1.6T		76	JW730-731	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
3	CC701	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		77	JW732-733	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
4	CC703	C CERA	CCXF1H104Z	50V F 0.1MF Z		78	JW734	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
5	CC704	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		79	JW735	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
6	CC705-706	C CERA	CCXF1H104Z	50V F 0.1MF Z		80	JW736-737	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
7	CC707-708	C CERA	CZCH1H101J	CH 50V 100PF J AXIAL 52MM		81	JW738-739	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
8	CC709	C CERA	CCZF1E223Z	25V F 0.022MF Z		82	JW740	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
9	CC710	C CERA	CCXF1H104Z	50V F 0.1MF Z		83	JW741	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
10	CC711	C CERA	CZCH1H150J	50V CH 15PF J		84	JW742-746	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
11	CC712	C CERA	CZCH1H180J	50V CH 18PF J		85	JW747-751	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
12	CC713-714	C CERA	CZCH1H330J	CH 50V 33PF J AXIAL 52MM		86	JW752	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
13	CC715	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		87	JW753	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
14	CC716	C CERA	CZCH1H101J	CH 50V 100PF J AXIAL 52MM		88	JW754-756	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
15	CC717	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		89	JW757	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
16	CC718	C CERA	CZCH1H330J	CH 50V 33PF J AXIAL 52MM		90	JW758	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
17	CC719	C CERA	CZCH1H101J	CH 50V 100PF J AXIAL 52MM		91	JW759	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
18	CC720	C CERA	CCZB1H102K	50V B 1000PF K AXIAL		92	JW760	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
19	CC721-722	C CERA	CCXF1H104Z	50V F 0.1MF Z		93	JW761	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
20	CC728	C CERA	CCXF1H104Z	50V F 0.1MF Z		94	JW762-763	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
21	CE702	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP		95	JW764	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
22	CE704	C ELECTRO	CEYF1A102V	10V 1000MF RSS 10X16		96	JW765	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
23	CE705	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		97	JW766-767	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
24	CE706-707	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		98	JW769-770	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
25	CE708	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP		99	JW771-774	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
26	CN701	CONN AS	9738835900	UL2468 200MM P2.0 10P		100	JW775	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
27	CN703	CONN AS	9738834100	#26 13P FLAT 100MM		101	JW776	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
28	CN704	CONN AS	9738834000	#26 2.0PITCH 11P FLAT 150		102	JW777-779	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
29	CN705	CONN AS	9738835800	UL2468 #26 P2.0 200MM 3P		103	JW780	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
30	CN903	CONN WAFER	9728804200	#26 2P P2.0 350 BOARD-IN		104	JW781	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
31	CW400	CONN WAFER	9736407700	52084-1310 13P BOTTOM		105	JW782	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
32	CW401	CONN WAFER	9736407900	52084-1010 10P BOTTOM		106	JW783	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
33	CW508	CONN WAFER	9736408300	52492-1920 19P BOTTOM		107	JW784	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
34	D701	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		108	JW786-789	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
35	D704	DIODE	DZN4148---	1N4148 AUTO 52MM		109	JW792	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
36	D706-710	DIODE	DZN4148---	1N4148 AUTO 52MM		110	JW793-794	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
37	D712	DIODE	DZN4148---	1N4148 AUTO 52MM		111	JW795	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
38	FD701	VFD	DSVA09MS18	HNA-09MS18 (AMI-V225M)		112	JW796-797	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
39	IC701	IC	138199727L	MICOM M38199-727L		113	JW798	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
40	IC702	IC	1M24C04---	M24C04-BN6		114	JW799	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
41	IC704	IC	1MSGEQ5A--	MSGEQ5A		115	LD701-702	LED	DLTL16KGE-	LTL-16KGE(GREEN)P13.1	
42	IC705	IC PRE AMP	1TM97CT38P	LTM97CT-38P		116	LD703	LED	DLTL16KKE-	LTL-16KKE(RED)P13.1	
43	IC706	IC	1BU4094BCF	BU4094BCF(SOP16)		117	LD704-705	LED	DLTL16KGE-	LTL-16KGE(GREEN)P13.1	
44	JW300-302	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		118	LD706	LED	DLTL16KKE-	LTL-16KKE(RED)P13.1	
45	JW303-304	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		119	LD707-708	LED	DLTL16KGE-	LTL-16KGE(GREEN)P13.1	
46	JW305-306	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		120	LD709	LED	DLTL16KKE-	LTL-16KKE(RED)P13.1	

Electrical Parts List

NO	LOCATION	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	COMMENT	NO	LOCATION	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	COMMENT
121	LD710-711	LED	DLTL16KGE-	LTL-16KGE(GREEN)PI3.1		195	R761	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J	
122	LD712	LED	DLTL16KKEE-	LTL-16KKEE(RED)PI3.1		196	R762	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	
123	LD714-716	LED	DLTL307EE-	LTL-307EE(RED)PI5		197	R763	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
124	Q701	TR	TKRC107M--	KRC107-M TAPPING(KSR1006)		198	R764	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J	
125	Q702-702	TR	TKRC111M--	KRC111M (KSR1010)		199	R766	R CARBON FILM	RD-AZ224J-	1/6 220K OHM J	
126	Q704	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		200	R767-768	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J	
127	Q705-707	TR	TZTA1273Y-	KTA1273Y(966Y)		201	R769	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
128	Q708-710	TR	TKRC107M--	KRC107-M TAPPING(KSR1006)		202	R770	R CARBON FILM	RD-AZ224J-	1/6 220K OHM J	
129	Q711-715	TR	TKRA111M--	KRA111-M TAPPING(KSR2010)		203	R771	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
130	Q716-717	TR	TKRC107M--	KRC107-M TAPPING(KSR1006)		204	R772-773	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
131	R301	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J		205	R775	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
132	R302	R CARBON FILM	RD-AZ151J-	1/6 150 OHM J		206	R776	R CARBON FILM	RD-AZ334J-	1/6 330K OHM J	
133	R303	R CARBON FILM	RD-AZ181J-	1/6 180 OHM J		207	R777-778	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
134	R304	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J		208	R779	R CARBON FILM	RD-AZ334J-	1/6 330K OHM J	
135	R305	R CARBON FILM	RD-AZ151J-	1/6 150 OHM J		209	R781	R CARBON FILM	RD-AZ561J-	1/6 560 OHM J	
136	R306	R CARBON FILM	RD-AZ181J-	1/6 180 OHM J		210	R783	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
137	R307	R CARBON FILM	RD-AZ271J-	1/6 270 OHM J		211	R784	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J	
138	R308	R CARBON FILM	RD-AZ331J-	1/6 330 OHM J		212	R788	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J	
139	R309	R CARBON FILM	RD-AZ391J-	1/6 390 OHM J		213	R789	R CARBON FILM	RD-AZ561J-	1/6 560 OHM J	
140	R310	R CARBON FILM	RD-AZ471J-	1/6 470 OHM J		214	R790	R CARBON FILM	RD-AZ392J-	1/6 3.9K OHM J	
141	R311	R CARBON FILM	RD-AZ561J-	1/6 560 OHM J		215	R792	R CARBON FILM	RD-AZ561J-	1/6 560 OHM J	
142	R312	R CARBON FILM	RD-AZ821J-	1/6 820 OHM J		216	SW701-728	SW TACT	5S50101001	KPT-1105A 1C-1P	
143	R313	R CARBON FILM	RD-AZ152J-	1/6 1.5K OHM J		217	VR701	SW ENCODER	5SH162401-	EC16B2404 24P W/DETENT	
144	R314	R CARBON FILM	RD-AZ272J-	1/6 2.7K OHM J		218	XC701	RESONATOR	5PCSABMTZ-	CSALA8M00T55-B0 (8.00MTZ)	
145	R315	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J		219	XC702	X-TAL	5XA32R768-	DT-38 32.768KHZ 20PPM	
146	R316	R CARBON FILM	RD-AZ151J-	1/6 150 OHM J		1	10000	PCB MAIN AS	9CDC050400	AMI-516DPROF	
147	R317	R CARBON FILM	RD-AZ181J-	1/6 180 OHM J		2	B001	PCB MAIN	9CD6577100	330X197X1.6T	
148	R318	R CARBON FILM	RD-AZ271J-	1/6 270 OHM J		3	CC001	C CERA	CCZB1E102K	25V B 1000PF K (AXIAL)	
149	R319	R CARBON FILM	RD-AZ331J-	1/6 330 OHM J		4	CC002	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
150	R320	R CARBON FILM	RD-AZ391J-	1/6 390 OHM J		5	CC004	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
151	R321	R CARBON FILM	RD-AZ471J-	1/6 470 OHM J		6	CC005-006	C CERA	CCXF1H104Z	50V F 0.1MF Z	
152	R322	R CARBON FILM	RD-AZ561J-	1/6 560 OHM J		7	CC101	C CERA	CCXF1H104Z	50V F 0.1MF Z	
153	R323	R CARBON FILM	RD-AZ821J-	1/6 820 OHM J		8	CC102	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
154	R324	R CARBON FILM	RD-AZ152J-	1/6 1.5K OHM J		9	CC103	C CERA	CCXF1H104Z	50V F 0.1MF Z	
155	R325	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		10	CC104	C CERA	CZCH1E120J	CH 25V 12PF J	
156	R701-702	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		11	CC201	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
157	R704	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		12	CC202	C CERA	CCXF1H104Z	50V F 0.1MF Z	
158	R709	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		13	CC203	C CERA	CZCH1E101J	CH 25V 100PF J AXL 52MM	
159	R713-715	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		14	CC204	C CERA	CCZB1H101K	50V B 100PF K AXIAL	
160	R716	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J		15	CC205-207	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
161	R717	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J		16	CC209	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
162	R718	R CARBON FILM	RD-AZ393J-	1/6 39K OHM J		17	CC212	C CERA	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	
163	R719-721	R CARBON FILM	RD-AZ152J-	1/6 1.5K OHM J		18	CC213	C CERA	CCZB1E472K	25V B 4700PF K (AXIAL)	
164	R722	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J		19	CC251-252	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
165	R723	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		20	CC253-254	C CERA	CCZB1E102K	25V B 1000PF K (AXIAL)	
166	R724	R CARBON FILM	RD-AZ223J-	1/6 22K OHM J		21	CC255-256	C CERA	CZCH1E330J	CH 25V 33PF J AXIAL 52MM	
167	R727	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		22	CC257	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
168	R728-729	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		23	CC270	C CERA	CZCH1E331J	CH 25V 330PF J AXIAL 52MM	
169	R730	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		24	CC275	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
170	R731-732	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		25	CC276	C CERA	CZCH1E820J	CH 25V 82PF J AXL 52MM	
171	R733	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		26	CC277	C CERA	CZCH1E470J	CH 25V 47PF J AX	
172	R734	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		27	CC301-304	C CERA	CZCH1E101J	CH 25V 100PF J AXL 52MM	
173	R735-736	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		28	CC305-306	C CERA	CZCH1E470J	CH 25V 47PF J AX	
174	R737	R CARBON FILM	RD-AZ222J-	1/6 2.2K OHM J		29	CC307	C CERA	CCXF1H104Z	50V F 0.1MF Z	
175	R738	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		30	CC308-309	C CERA	CCZB1E681K	25V B 680PF K (AXIAL)	
176	R739	R CARBON FILM	RD-AZ689J-	1/4 6.8 OHM J		31	CC401-402	C CERA	CZCH1E101J	CH 25V 100PF J AXL 52MM	
177	R740	R CARBON FILM	RD-AZ222J-	1/6 2.2K OHM J		32	CC403	C CERA	CCXF1H104Z	50V F 0.1MF Z	
178	R741	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		33	CC404	C CERA	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	
179	R742	R CARBON FILM	RD-AZ222J-	1/6 2.2K OHM J		34	CC405-406	C CERA	CZCH1E101J	CH 25V 100PF J AXL 52MM	
180	R743	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		35	CC407-408	C CERA	CCZB1E221K	25V B 220PF K (AXIAL)	
181	R744	R CARBON FILM	RD-AZ689J-	1/4 6.8 OHM J		36	CC409-410	C CERA	CZCH1E101J	CH 25V 100PF J AXL 52MM	
182	R745-746	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J		37	CC801-802	C CERA	CCZB1E272K	25V B 2700PF K(AXIAL)	
183	R747	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		38	CC803-804	C CERA	CCZB1E331K	25V B 330PF K (AXIAL)	
184	R748	R CARBON FILM	RD-AZ391J-	1/6 390 OHM J		39	CC805-808	C CERA	CCZB1E472K	25V B 4700PF K (AXIAL)	
185	R749	R CARBON FILM	RD-AZ271J-	1/6 270 OHM J		40	CC809-810	C CERA	CCZB1E272K	25V B 2700PF K(AXIAL)	
186	R750	R CARBON FILM	RD-AZ391J-	1/6 390 OHM J		41	CC811-812	C CERA	CCZB1E331K	25V B 330PF K (AXIAL)	
187	R751	R CARBON FILM	RD-AZ271J-	1/6 270 OHM J		42	CC813	C CERA	CCZB1E472K	25V B 4700PF K (AXIAL)	
188	R752	R CARBON FILM	RD-AZ391J-	1/6 390 OHM J		43	CC814-815	C CERA	CCZB1E223K	25V B 0.022MF	
189	R753	R CARBON FILM	RD-AZ271J-	1/6 270 OHM J		44	CC903-904	C CERA	CCXF1H104Z	50V F 0.1MF Z	
190	R754	R CARBON FILM	RD-AZ391J-	1/6 390 OHM J		45	CC905-907	C CERA	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	
191	R755	R CARBON FILM	RD-AZ271J-	1/6 270 OHM J		46	CC908	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	
192	R756	R CARBON FILM	RD-AZ390J-	1/6 39 OHM J		47	CC909-912	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
193	R759	R CARBON FILM	RD-AZ106J-	1/6 10M OHM J		48	CE001	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
194	R760	R CARBON FILM	RD-AZ334J-	1/6 330K OHM J		49	CE101	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP	

Electrical Parts List

NO	LOCATION	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	COMMENT	NO	LOCATION	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	COMMENT
50	CE102	C ELECTRO	CEXF1E221V	25V RSS 220MF (8X11.5) TP		124	CM801-804	C MYLAR	CMXM1H473J	50V 0.047MF J	
51	CE201	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		125	CM901-902	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)	
52	CE202	C ELECTRO	CEXF1H339V	50V RSS 3.3MF (5X11) TP		126	CM903	C MYLAR	CMXM1H104J	50V 0.1MF J	
53	CE203	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		127	CM904-905	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)	
54	CE204	C ELECTRO	CEXF1H220V	50V RSS 22MF (5X11) TP		128	CM906	C MYLAR	CMXM1H104J	50V 0.1MF J	
55	CE205	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP		129	CN401	CONN AS	9736407600	PIN BASE 53095-1310 13P	
56	CE206	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP		130	CN402	CONN PIN	9736407800	53095-1010 10PIN ANGLE	
57	CE207-211	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP		131	CW101	CONN WAFER	9CD6258800	2P S2B-XH-A	
58	CE212	C ELECTRO	CEXF1H228V	50V RSS 0.22MF (5X11) TP		132	CW509	CONN AS	9738832102	200MM P2.5 7P	
59	CE213	C ELECTRO	CEXF1E221V	25V RSS 220MF (8X11.5) TP		133	CW705	CONN AS	9738835800	UL2468 #26 P2.0 200MM 3P	
60	CE214	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		134	CW901	CONN AS	9738833900	#22 8P BOARD-IN 350MM	
61	CE251	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		135	D201	DIODE	DZN4148---	1N4148 AUTO 52MM	
62	CE272	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		136	D301-302	DIODE	DZN4148---	1N4148 AUTO 52MM	
63	CE273	C ELECTRO	CEXF1H339V	50V RSS 3.3MF (5X11) TP		137	D401-402	DIODE	DZN4148---	1N4148 AUTO 52MM	
64	CE301-308	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP		138	D404	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
65	CE309-312	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		139	D801	DIODE	DZN4148---	1N4148 AUTO 52MM	
66	CE313-314	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP		140	D901-904	DIODE	D1N5402---	1N5402	
67	CE315-316	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		141	D905-908	DIODE	DRL202----	RL202	
68	CE317	C ELECTRO	CEXF1E221V	25V RSS 220MF (8X11.5) TP		142	D909-910	DIODE	D1N4001---	1N4001	
69	CE318	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP		143	D912	DIODE	DZN4148---	1N4148 AUTO 52MM	
70	CE319	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		144	DZ901	DIODE ZENER	DZT230B---	MTZ30B	
71	CE320	C ELECTRO	CEYD1H109F	50V RSS 1MF (NON-POLAR)		145	DZ902	DIODE ZENER	DZT26R2B--	MTZ6.2B	
72	CE321	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP		146	DZ903	DIODE ZENER	DZT212B---	MTZ 12V 26MM TAPPING	
73	CE322-323	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP		147	IC201	IC	1BA1450S--	BA1450S	
74	CE324	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		148	IC202	IC	1LC72130--	LC72130	
75	CE325	C ELECTRO	CEXF1E221V	25V RSS 220MF (8X11.5) TP		149	IC204	IC	1TDA7479D-	TDA7479D	
76	CE326	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP		150	IC205	IC	1MC7805---	MC 7805 (KA7805)	
77	CE327	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		151	IC301	IC	1M62463FP-	M62463FP (PRO-LOGIC)	
78	CE328	C ELECTRO	CEYD1H109F	50V RSS 1MF (NON-POLAR)		152	IC302	IC	1TDA7449L-	TDA7449L	
79	CE401-408	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		153	IC303	IC	1BA4560N--	BA4560N(H/P AMP)	
80	CE411-416	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		154	IC401	IC AUDIO	1TDA7439--	TDA7439	
81	CE417	C ELECTRO	CEXF1E221V	25V RSS 220MF (8X11.5) TP		155	IC402	IC	1BA4560N--	BA4560N(H/P AMP)	
82	CE418	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP		156	IC801-802	IC	1TDA7265--	TDA7265	
83	CE419-420	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		157	IC901	IC	1L4959----	L4959	
84	CE801	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP		158	J001	JACK ANT	9736321900	PAT645	
85	CE802	C ELECTRO	CEXF1E109V	25V RSS 1MF (5X11) TP		159	J401	JACK RCA	9CD6313700	S-436P	
86	CE803	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP		160	J801	JACK HEADPHONE	9766319501	HTJ-064-05B GOLD	
87	CE805-808	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP		161	J802	JACK SPEAKER	9736320500	CJ-9007-040	
88	CE901-902	C ELECTRO	CEXF1V332V	35V RSS 3300MF 18X36.5		162	J803	JACK	9736322700	HSP-243V1-02	
89	CE903	C ELECTRO	CEXF1E102V	25V RSS 1000MF (13X20) BK		163	JW101	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
90	CE904	C ELECTRO	CEYF1E471V	25V RSS 470MF (10X16)		164	JW103	WIRE JUMPER	5CP2100K2-	10UH	
91	CE905-908	C ELECTRO	CEXF1H470V	50V RSS 47MF (6.3X11) TP		165	JW104	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
92	CE909-910	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		166	JW105	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
93	CE913-917	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		167	JW106-107	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
94	CF001	FILTER CERA	5PE107MS2A	SFELA10M7GA00-B0		168	JW108	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
95	CF002	FILTER CERA	5PE107MJA-	SFE 10.7MHZ RED		169	JW109	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
96	CF201	FILTER	5PPCFAZ077	PCFAZ077		170	JW110	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
97	CM201	C MYLAR	CMXM1H153J	50V 0.015MF J (TP)		171	JW111	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
98	CM202-203	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)		172	JW112	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
99	CM208-209	C MYLAR	CMXM1H562J	50V 5600 PF J		173	JW114-115	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
100	CM301	C MYLAR	CMXM1H104J	50V 0.1MF J		174	JW139	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
101	CM302	C MYLAR	CMXM1H472J	50V 0.0047MF J		175	JW201	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
102	CM303	C MYLAR	CMXM1H102J	50V 0.001MF J (TP)		176	JW202	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
103	CM304	C MYLAR	CMXK1J104J	MC 63V 0.1MF J		177	JW203-204	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
104	CM305-306	C MYLAR	CMXK1J224J	MC 63V 0.22MF J		178	JW205	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
105	CM307	C MYLAR	CMXK1J104J	MC 63V 0.1MF J		179	JW206	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
106	CM308	C MYLAR	CMXM1H472J	50V 0.0047MF J		180	JW207	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
107	CM309	C MYLAR	CMXM1H102J	50V 0.001MF J (TP)		181	JW208-212	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
108	CM310	C MYLAR	CMXM1H562J	50V 5600 PF J		182	JW213	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
109	CM311	C MYLAR	CMXM1H473J	50V 0.047MF J		183	JW215-216	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
110	CM312	C MYLAR	CMXK1J684J	MC 63V 0.68MF J		184	JW217	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
111	CM313-316	C MYLAR	CMXK1J224J	MC 63V 0.22MF J		185	JW219	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
112	CM317	C MYLAR	CMXK1J104J	MC 63V 0.1MF J		186	JW221-224	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
113	CM318-319	C MYLAR	CMXM1H473J	50V 0.047MF J		187	JW225	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
114	CM320	C MYLAR	CMXK1J104J	MC 63V 0.1MF J		188	JW227-228	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
115	CM321	C MYLAR	CMXM1H104J	50V 0.1MF J		189	JW305	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
116	CM322-323	C MYLAR	CMXM1H223J	50V 0.022MF J		190	JW308	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
117	CM324	C MYLAR	CMXM1H104J	50V 0.1MF J		191	JW309-310	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
118	CM325-328	C MYLAR	CMXK1J104J	MC 63V 0.1MF J		192	JW316-318	WIRE JUMPER	W581GY1235	AWG22 1/0.65 SN 12.5 AUTO	
119	CM329	C MYLAR	CMXM1H682J	50V 0.0068MF J		193	JW319	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
120	CM401-402	C MYLAR	CMXM1H183J	50V 0.018MF J		194	JW322-323	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
121	CM403-404	C MYLAR	CMXM1H223J	50V 0.022MF J		195	JW328	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
122	CM405-408	C MYLAR	CMXM1H104J	50V 0.1MF J		196	JW329	WIRE JUMPER	W581GY1235	AWG22 1/0.65 SN 12.5 AUTO	
123	CM409-410	C MYLAR	CMXM1H562J	50V 5600 PF J		197	JW330	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	

Electrical Parts List

NO	LOCATION	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	COMMENT	NO	LOCATION	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	COMMENT
198	JW331	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		272	JW907	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
199	JW401-402	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		273	JW908	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
200	JW403	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		274	JW909	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
201	JW404-405	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		275	JW910	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
202	JW406	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		276	JW912	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
203	JW411-413	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		277	JW913-915	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
204	JW414	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		278	JW916	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
205	JW415	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		279	JW917	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
206	JW416-418	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		280	JW918	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
207	JW419	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		281	JW919-920	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
208	JW420	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		282	JW922-924	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
209	JW422	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		283	JW925-926	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
210	JW423	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		284	JW927-928	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
211	JW425-427	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		285	L001	COIL PEAKING	5CPZ100K02	10UH K (AXIAL 3.5MM)	
212	JW428	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		286	L101	AM RF UNIT	5LR0000826	RBW07VB-K5020	
213	JW429	WIRE JUMPER	W581GY2005	AWG22 1/0.65 SN 20 AUTO		287	L203	COIL DESCRIMINATOR	5107FBK473	7X7 BLK KSZ-73S	
214	JW430	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		288	L205-206	COIL	5P070608--	6068MPX	
215	JW431	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO		289	L208	COIL	5LC213K828	20.8MH	
216	JW432-433	WIRE JUMPER	W581GY2005	AWG22 1/0.65 SN 20 AUTO		290	L251	COIL PEAKING	5CPZ100K02	10UH K (AXIAL 3.5MM)	
217	JW434	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		291	L270	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
218	JW435	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		292	L801-804	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
219	JW436	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		293	Q001	TR	TZTC3194Y-	KTC3194Y	
220	JW437	WIRE JUMPER	W581GY2005	AWG22 1/0.65 SN 20 AUTO		294	Q003	TR	TZRA107M--	KRA107M (KSR2006)	
221	JW438	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		295	Q201-202	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
222	JW440-441	WIRE JUMPER	W581GY2005	AWG22 1/0.65 SN 20 AUTO		296	Q301-302	TR	TZRA107M--	KRA107M (KSR2006)	
223	JW442	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO		297	Q303-304	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
224	JW443-444	WIRE JUMPER	W581GY2005	AWG22 1/0.65 SN 20 AUTO		298	Q401-402	TR	TZTD1302--	KTD1302	
225	JW445	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		299	Q403-404	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
226	JW446-447	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		300	Q802-804	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
227	JW448	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		301	Q805	TR	TZRA107M--	KRA107M (KSR2006)	
228	JW449-451	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		302	Q901	TR	TZTA1274Y-	KTA1274Y-	
229	JW452	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		303	Q902	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
230	JW453	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		304	Q903	TR	TKTB1366Y-	KTB1366Y	
231	JW454-455	WIRE JUMPER	W581GY2005	AWG22 1/0.65 SN 20 AUTO		305	Q904	TR	TKRA111M--	KRA111-M TAPPING(KSR2010)	
232	JW456-457	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		306	Q905	TR	TKRC107M--	KRC107-M TAPPING(KSR1006)	
233	JW458-461	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		307	R002	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
234	JW462	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO		308	R003	R CARBON FILM	RD-AZ470J-	1/6 47 OHM J	
235	JW463-465	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		309	R004	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	
236	JW466	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		310	R005	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J	
237	JW467-468	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		311	R006	R CARBON FILM	RD-AZ681J-	1/6 680 OHM J	
238	JW469	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		312	R007	R CARBON FILM	RD-AZ331J-	1/6 330 OHM J	
239	JW470-472	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		313	R008	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J	
240	JW473	WIRE JUMPER	W581GY2005	AWG22 1/0.65 SN 20 AUTO		314	R009	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	
241	JW474	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		315	R101	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J	
242	JW475	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		316	R102	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J	
243	JW476-477	WIRE JUMPER	W581GY2005	AWG22 1/0.65 SN 20 AUTO		317	R103-105	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J	
244	JW478-480	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		318	R106	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J	
245	JW481	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		319	R107	R CARBON FILM	RD-AZ223J-	1/6 22K OHM J	
246	JW482	WIRE JUMPER	W581GY2005	AWG22 1/0.65 SN 20 AUTO		320	R113	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
247	JW483	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		321	R201	R CARBON FILM	RD-AZ183J-	1/6 18K OHM J	
248	JW801-802	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		322	R203	R CARBON FILM	RD-AZ183J-	1/6 18K OHM J	
249	JW803-804	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		323	R206	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	
250	JW805	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		324	R207	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J	
251	JW806	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		325	R208	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
252	JW807	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		326	R209	R CARBON FILM	RD-AZ470J-	1/6 47 OHM J	
253	JW808	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		327	R210	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J	
254	JW809	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		328	R211-212	R CARBON FILM	RD-AZ222J-	1/6 2.2K OHM J	
255	JW810	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		329	R213-214	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
256	JW812-814	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		330	R215-216	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
257	JW815	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		331	R217-218	R CARBON FILM	RD-AZ474J-	1/6 470K OHM J	
258	JW816-821	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		332	R219	R CARBON FILM	RD-AZ682J-	1/6 6.8K OHM J	
259	JW822	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		333	R221	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J	
260	JW823	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		334	R222-223	R CARBON FILM	RD-AZ100J-	1/6 2.2K OHM J	
261	JW824	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		335	R227-228	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J	
262	JW825	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		336	R251	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
263	JW826	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		337	R252	R CARBON FILM	RD-AZ470J-	1/6 47 OHM J	
264	JW828	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		338	R253	R CARBON FILM	RD-AZ222J-	1/6 2.2K OHM J	
265	JW829-831	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		339	R254	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
266	JW832-836	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		340	R255	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	
267	JW901-902	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		341	R256	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
268	JW903	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		342	R257-258	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
269	JW904	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO		343	R259	R CARBON FILM	RD-AZ123J-	1/6 12K OHM J	
270	JW905	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		344	R260-263	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
271	JW906	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		345	R264	R CARBON FILM	RD-AZ222J-	1/6 2.2K OHM J	

Electrical Parts List

NO	LOCATION	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	COMMENT	NO	LOCATION	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	COMMENT
346	R265	R CARBON FILM	RD-AZ103J	1/6 10K OHM J		420	R912-914	R CARBON FILM	RD-AZ103J	1/6 10K OHM J	
347	R275	R CARBON FILM	RD-AZ470J	1/6 47 OHM J		421	R915	R CARBON FILM	RD-AZ223J	1/6 22K OHM J	
348	R276-277	R CARBON FILM	RD-AZ103J	1/6 10K OHM J		422	R916-917	R CARBON FILM	RD-AZ473J	1/6 47K OHM J	
349	R331-332	R CARBON FILM	RD-AZ102J	1/6 1K OHM J		423	RF901-902	R FUSIBLE	RF01F4780J	0.47OHM 1W	
350	R333-334	R CARBON FILM	RD-AZ104J	1/6 100K OHM J		424	RV201	R SEMI FIXED	RV6417223	VM6CK-PV(1S) B 22K OHM	
351	R335-336	R CARBON FILM	RD-AZ102J	1/6 1K OHM J		425	TU001	TUNER PACK	9737612700	FTA3-503V	
352	R337-338	R CARBON FILM	RD-AZ104J	1/6 100K OHM J		426	XC251	X-TAL	5XA7R20000	7.2M	
353	R339-340	R CARBON FILM	RD-AZ102J	1/6 1K OHM J		427	XC270	X-TAL	5XA4R332M-	4.332M	
354	R341-342	R CARBON FILM	RD-AZ124J	1/6 120K OHM J		1	13000	PCB POWER AS	9CDC057800	AMI-517DPE	
355	R343-344	R CARBON FILM	RD-AZ102J	1/6 1K OHM J		2	AC901	CORD AC	9736900200	KKP419C,KLCE-2F,0.75SQURE	
356	R345-346	R CARBON FILM	RD-AZ104J	1/6 100K OHM J		3	B001	PCB POWER	9CD6582900	247X247X1.6T	
357	R347-348	R CARBON FILM	RD-AZ103J	1/6 10K OHM J		4	CE901	C ELECTRO	CEYF1E102V	25V RSS 1000MF (13X20)	
358	R351-352	R CARBON FILM	RD-AZ104J	1/6 100K OHM J		5	CM901	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)	
359	R353-354	R CARBON FILM	RD-AZ102J	1/6 1K OHM J		6	CN901	CONN AS	9738833900	#22 8P BOARD-IN 350MM	
360	R355-357	R CARBON FILM	RD-AZ101J	1/6 100 OHM J		7	CW903	CONN WAFER	9728804200	#26 2P P2.0 350 BOARD-IN	
361	R358	R CARBON FILM	RD-AZ560J	1/6 56 OHM J		8	D901-905	DIODE	D1N4001---	1N4001	
362	R359	R CARBON FILM	RD-AZ334J	1/6 330K OHM J		9	D906	DIODE	DZN4148---	1N4148 AUTO 52MM	
363	R360-361	R CARBON FILM	RD-AZ153J	1/6 15K OHM J		10	F901	FUSE GLASS TUBE	5F5GB6312L	SEMKO TL 0.63A 250V MF51	
364	R362	R CARBON FILM	RD-AZ473J	1/6 47K OHM J		11	FC901-902	CLIP FUSE	9734600700	FC-5N	
365	R363	R CARBON FILM	RD-AZ752J	1/6 7.5K OHM J		12	IC902	IC REGULATOR	1KA7805---	KA7805	
366	R364	R CARBON FILM	RD-AZ473J	1/6 47K OHM J		13	JW901	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
367	R365	R CARBON FILM	RD-AZ752J	1/6 7.5K OHM J		14	JW904	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
368	R366	R CARBON FILM	RD-AZ121J	1/6 120 OHM J		15	PT901	TRANS POWER	5TP8066785	EI=66X50 230V 50HZ	
369	R367	R CARBON FILM	RD-AZ104F	1/6 100K OHM J 1%		16	PT902	TRANS POWER	5TP8028829	EI=28X12 230V 50HZ	
370	R368	R CARBON FILM	RD-AZ104J	1/6 100K OHM J		17	Q901	TR	TKRC107M--	KRC107-M TAPPING(KSR1006)	
371	R369	R CARBON FILM	RD-AZ221J	1/6 220 OHM J		18	Q902	TR	TZTC3205Y-	KTC3205Y (2236Y)	
372	R370-373	R CARBON FILM	RD-AZ101J	1/6 100 OHM J		19	R901	R CARBON FILM	RD-AZ100J	1/6 10 OHM J	
373	R401-402	R CARBON FILM	RD-AZ103J	1/6 10K OHM J		20	R902	R CARBON FILM	RD-AZ103J	1/6 10K OHM J	
374	R403-404	R CARBON FILM	RD-AZ153J	1/6 15K OHM J		21	R903	R CARBON FILM	RD-AZ472J	1/6 4.7K OHM J	
375	R405-406	R CARBON FILM	RD-AZ472J	1/6 4.7K OHM J		22	R904	R CARBON FILM	RD-AZ103J	1/6 10K OHM J	
376	R407-408	R CARBON FILM	RD-AZ332J	1/6 3.3K OHM J		23	R918	R CARBON FILM	RD-2Y475J	1/2 4.7M OHM J	
377	R409-410	R CARBON FILM	RD-AZ102J	1/6 1K OHM J		24	RF903	R FUSIBLE	RF-2F478J	1/2 0.47 OHM J	
378	R411-412	R CARBON FILM	RD-AZ153J	1/6 15K OHM J		25	RY901	SW RELAY	5SC2001A01	SDT-S-105LMR	
379	R413-414	R CARBON FILM	RD-AZ182J	1/6 1.8K OHM J		26	TP901-902	PIN WRAPPING	9716404000	MFZN1.1X1.1 PANASERT	
380	R415-416	R CARBON FILM	RD-AZ392J	1/6 3.9K OHM J		1	14000	PCB TAPE AS	9CDC050501	AMI-517DPROF	
381	R417-418	R CARBON FILM	RD-AZ153J	1/6 15K OHM J		2	B001	PCB TAPE	9CD6577200	247X197X1.6T	
382	R419-420	R CARBON FILM	RD-AZ563J	1/6 56K OHM J		3	CC601-604	C CERA	CCZB1E821K	25V B 820PF K AXIAL	
383	R421-422	R CARBON FILM	RD-AZ104J	1/6 100K OHM J		4	CC605-608	C CERA	CCZB1E561K	25V B 560PF K (AXIAL)	
384	R423-424	R CARBON FILM	RD-AZ102J	1/6 1K OHM J		5	CC609	C CERA	CCXF1H104Z	50V F 0.1MF Z	
385	R425-426	R CARBON FILM	RD-AZ682J	1/6 6.8K OHM J		6	CC610	C CERA	CCZB1H331K	50V B 330PF K	
386	R427-428	R CARBON FILM	RD-AZ272J	1/6 2.7K OHM J		7	CC611-612	C CERA	CCZB1E470J	CH 25V 47PF J AX	
387	R429-430	R CARBON FILM	RD-AZ562J	1/6 5.6K OHM J		8	CC613-614	C CERA	CCZB1E121K	25V B 120PF K (AXIAL)	
388	R431-432	R CARBON FILM	RD-AZ102J	1/6 1K OHM J		9	CC616	C CERA	CCZF1H104Z	50V H1KF 0.1MF Z	
389	R433-434	R CARBON FILM	RD-AZ104J	1/6 100K OHM J		10	CC631	C CERA	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	
390	R435-437	R CARBON FILM	RD-AZ101J	1/6 100 OHM J		11	CE601	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
391	R439-440	R CARBON FILM	RD-AZ474J	1/6 470K OHM J		12	CE602	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP	
392	R441-442	R CARBON FILM	RD-AZ103J	1/6 10K OHM J		13	CE603-604	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
393	R443-444	R CARBON FILM	RD-AZ102J	1/6 1K OHM J		14	CE605-608	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP	
394	R445-446	R CARBON FILM	RD-AZ220J	1/6 22 OHM J		15	CE609-610	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP	
395	R447-448	R CARBON FILM	RD-AZ103J	1/6 10K OHM J		16	CE611-612	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
396	R451-452	R CARBON FILM	RD-AZ222J	1/6 2.2K OHM J		17	CE613-614	C ELECTRO	CEXF1H108V	50V RSS 0.1MF (5X11) TP	
397	R453-456	R CARBON FILM	RD-AZ220J	1/6 22 OHM J		18	CE615-618	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP	
398	R801-802	R CARBON FILM	RD-AZ102J	1/6 1K OHM J		19	CE619	C ELECTRO	CEXF1H220V	50V RSS 22MF (5X11) TP	
399	R803-804	R CARBON FILM	RD-AZ391J	1/6 390 OHM J		20	CE620	C ELECTRO	CEXF1H108V	50V RSS 0.1MF (5X11) TP	
400	R805-806	R CARBON FILM	RD-AZ223J	1/6 22K OHM J		21	CE621	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
401	R815-818	R CARBON FILM	RD-AZ100J	1/6 10 OHM J		22	CE631-633	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
402	R821-822	R CARBON FILM	RD-AZ102J	1/6 1K OHM J		23	CM601-602	C MYLAR	CMXM1H223J	50V 0.022MF J	
403	R823-824	R CARBON FILM	RD-AZ391J	1/6 390 OHM J		24	CM603-604	C MYLAR	CMXM1H183J	50V 0.018MF J	
404	R825-826	R CARBON FILM	RD-AZ223J	1/6 22K OHM J		25	CM605-606	C MYLAR	CMXM1H152K	50V 1500 PF K	
405	R831-834	R CARBON FILM	RD-AZ100J	1/6 10 OHM J		26	CM607-608	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)	
406	R835	R CARBON FILM	RD-AZ154J	1/6 150K OHM J		27	CM611-612	C MYLAR	CMXM1H152J	50V 1500PF J	
407	R836	R CARBON FILM	RD-AZ103J	1/6 10K OHM J		28	CM613-614	C MYLAR	CMXM1H102J	50V 0.001MF J (TP)	
408	R837-838	R CARBON FILM	RD-AZ102J	1/6 1K OHM J		29	CM615-616	C MYLAR	CMXM1H332J	50V 3300 PF J	
409	R839	R CARBON FILM	RD-AZ104J	1/6 100K OHM J		30	CM617	C MYLAR	CMXM1H223J	50V 0.022MF J	
410	R840	R CARBON FILM	RD-AZ103J	1/6 10K OHM J		31	CM618	C MYLAR	CMXM1H332J	50V 3300 PF J	
411	R901	R CARBON FILM	RD-AZ100J	1/6 10 OHM J		32	CN603	CONN AS	9CD8806500	#28 2547*2 1007*2 8P150MM	
412	R902	R CARBON FILM	RD-AZ332J	1/6 3.3K OHM J		33	CW601	CONN AS	9738828700	AWG28 3P SHIELD 220MM	
413	R903	R CARBON FILM	RD-AZ103J	1/6 10K OHM J		34	CW602	CONN AS	9738828800	AWG28 7P SHIELD 100MM	
414	R904-905	R CARBON FILM	RD-AZ221J	1/6 220 OHM J		35	CW701	CONN AS	9738835900	UL2468 200MM P2.0 10P	
415	R906-907	R CARBON FILM	RD-AZ339J	1/6 3.3 OHM J		36	D401	DIODE	D1N4148---	1N4148 (TAPPING)	
416	R908	R CARBON FILM	RD-AZ471J	1/6 470 OHM J		37	D601	DIODE	D1N4148---	1N4148 (TAPPING)	
417	R909	R CARBON FILM	RD-AZ102J	1/6 1K OHM J		38	D606-609	DIODE	DZN4148---	1N4148 AUTO 52MM	
418	R910	R CARBON FILM	RD-AZ222J	1/6 2.2K OHM J		39	IC601	IC	1M51167BFP	M51167BFP (SOP36S)	
419	R911	R CARBON FILM	RD-AZ471J	1/6 470 OHM J		40	IC602	IC	1UPC1330HA	UPC1330HA	

Electrical Parts List

NO	LOCATION	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	COMMENT	NO	LOCATION	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	COMMENT
41	IC603	IC	1BU4094BCF	BU4094BCF(SOP16)		115	R644	R CARBON FILM	RD-AZ563J-	1/6 56K OHM J	
42	JW601-603	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		116	R645-646	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
43	JW604-605	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		117	R647	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
44	JW606	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		118	R649-650	R CARBON FILM	RD-AZ563J-	1/6 56K OHM J	
45	JW607	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		119	R651-652	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
46	JW608-609	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		120	R653-654	R CARBON FILM	RD-AZ153J-	1/6 15K OHM J	
47	JW610	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		121	R655	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
48	JW611-615	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		122	R656	R CARBON FILM	RD-AZ121J-	1/4 120 OHM J	
49	JW616	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		123	R658	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
50	JW617	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		124	R659	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
51	JW618	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		125	R660	R CARBON FILM	RD-AZ479J-	1/6 4.7 OHM J	
52	JW619	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		126	R661-662	R CARBON FILM	RD-AZ563J-	1/6 56K OHM J	
53	JW620-622	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		127	R663	R CARBON FILM	RD-AZ470J-	1/6 47 OHM J	
54	JW623	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		128	R664	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J	
55	JW624-627	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		129	R671	R CARBON FILM	RD-AZ390J-	1/6 39 OHM J	
56	JW628	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		130	R672-674	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
57	JW629	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		131	R675	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
58	JW630	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		132	R687	R CARBON FILM	RD-AZ331J-	1/6 330 OHM J	
59	JW631-632	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		133	R688	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J	
60	JW633	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		134	R689	R CARBON FILM	RD-AZ561J-	1/6 560 OHM J	
61	JW634	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		135	R690	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
62	JW635	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		136	RV601	R SEMI FIXED	RV1417222-	1/10 2.2K OHM B V6EK-PV1S	
63	JW636	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO							
64	JW637	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO							
65	JW638-640	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO							
66	JW641	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO							
67	JW642-643	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO							
68	JW644	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO							
69	JW645	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO							
70	JW646	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO							
71	JW647-648	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO							
72	JW649	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO							
73	JW650-651	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO							
74	JW652-656	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO							
75	JW658	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO							
76	L601-602	COIL CHOKE	5LC333K804	33MH K							
77	L603	COIL BIAS OSC	5L0503K643	SM-10F 5.04MH							
78	Q601-602	TR	TKRC111M--	KRC111M (KSR1010)							
79	Q605-606	TR	TKRC111M--	KRC111M (KSR1010)							
80	Q607	TR	TKRC107M--	KRC107-M TAPPING(KSR1006)							
81	Q608	TR	TKRC111M--	KRC111M (KSR1010)							
82	Q611-612	TR	TZTD1302--	KTD1302							
83	Q613	TR	TKRA111M--	KRA111-M TAPPING(KSR2010)							
84	Q614-616	TR	TZRA107M--	KRA107M (KSR2006)							
85	Q621-622	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)							
86	Q623	TR	TKRA111M--	KRA111-M TAPPING(KSR2010)							
87	Q624	TR	TZTA1273Y-	KTA1273Y(966Y)							
88	Q625	TR	TKRC111M--	KRC111M (KSR1010)							
89	Q628	TR	TZTC3205Y-	KTC3205Y (2236Y)							
90	Q637	TR	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)							
91	Q638	TR	TKRC111M--	KRC111M (KSR1010)							
92	R601-602	R CARBON FILM	RD-AZ680J-	1/6 68 OHM J							
93	R603-604	R CARBON FILM	RD-AZ682J-	1/6 6.8K OHM J							
94	R605-606	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J							
95	R607-608	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J							
96	R609-610	R CARBON FILM	RD-AZ152J-	1/6 1.5K OHM J							
97	R611-612	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J							
98	R613-614	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J							
99	R615-616	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
100	R617-618	R CARBON FILM	RD-AZ562J-	1/6 5.6K OHM J							
101	R619-620	R CARBON FILM	RD-AZ123J-	1/6 12K OHM J							
102	R621-622	R CARBON FILM	RD-AZ223J-	1/6 22K OHM J							
103	R625-626	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J							
104	R627-628	R CARBON FILM	RD-AZ274J-	1/6 270K OHM J							
105	R629-630	R CARBON FILM	RD-AZ681J-	1/6 680 OHM J							
106	R631-632	R CARBON FILM	RD-AZ474J-	1/6 470K OHM J							
107	R633-634	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
108	R635	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J							
109	R636-638	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J							
110	R639	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J							
111	R640	R CARBON FILM	RD-AZ821J-	1/6 820 OHM J							
112	R641	R CARBON FILM	RD-AZ105J-	1/6 1M OHM J							
113	R642	R CARBON FILM	RD-AZ474J-	1/6 470K OHM J							
114	R643	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J							