

DAEWOO

Service Manual

MINI COMPONENT SYSTEM

Model : XM-111



DAEWOO ELECTRONICS CO., LTD.

MINI COMPONENT SYSTEM

XM-111

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	17

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

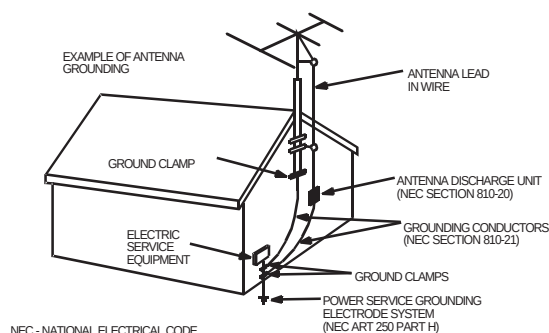


Figure 2

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.

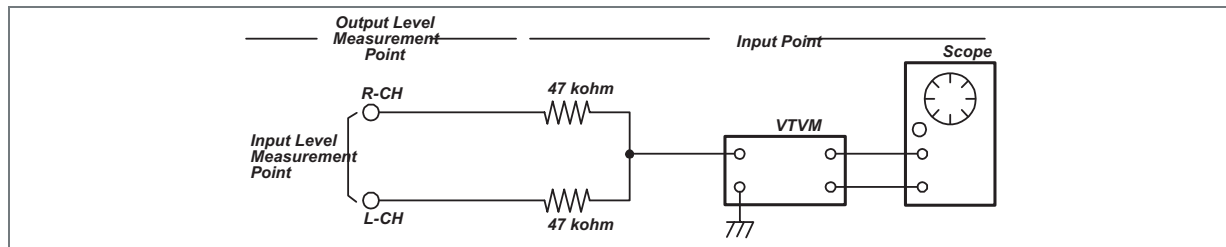
16. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

- 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

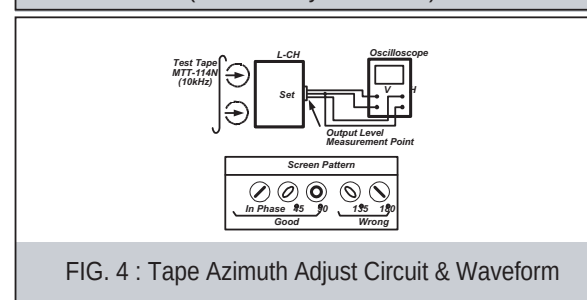
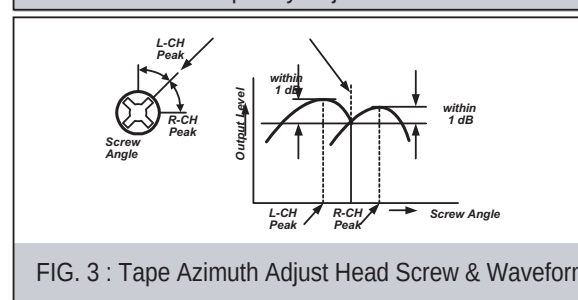
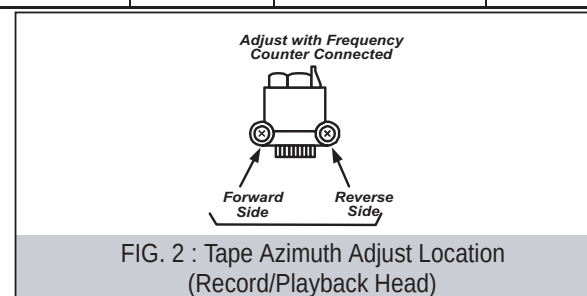
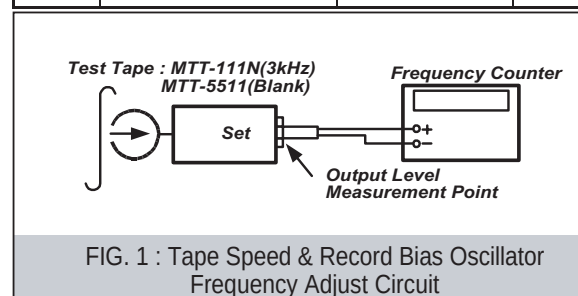
HEAD ADJUSTMENT (AZIMUTH)

- 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

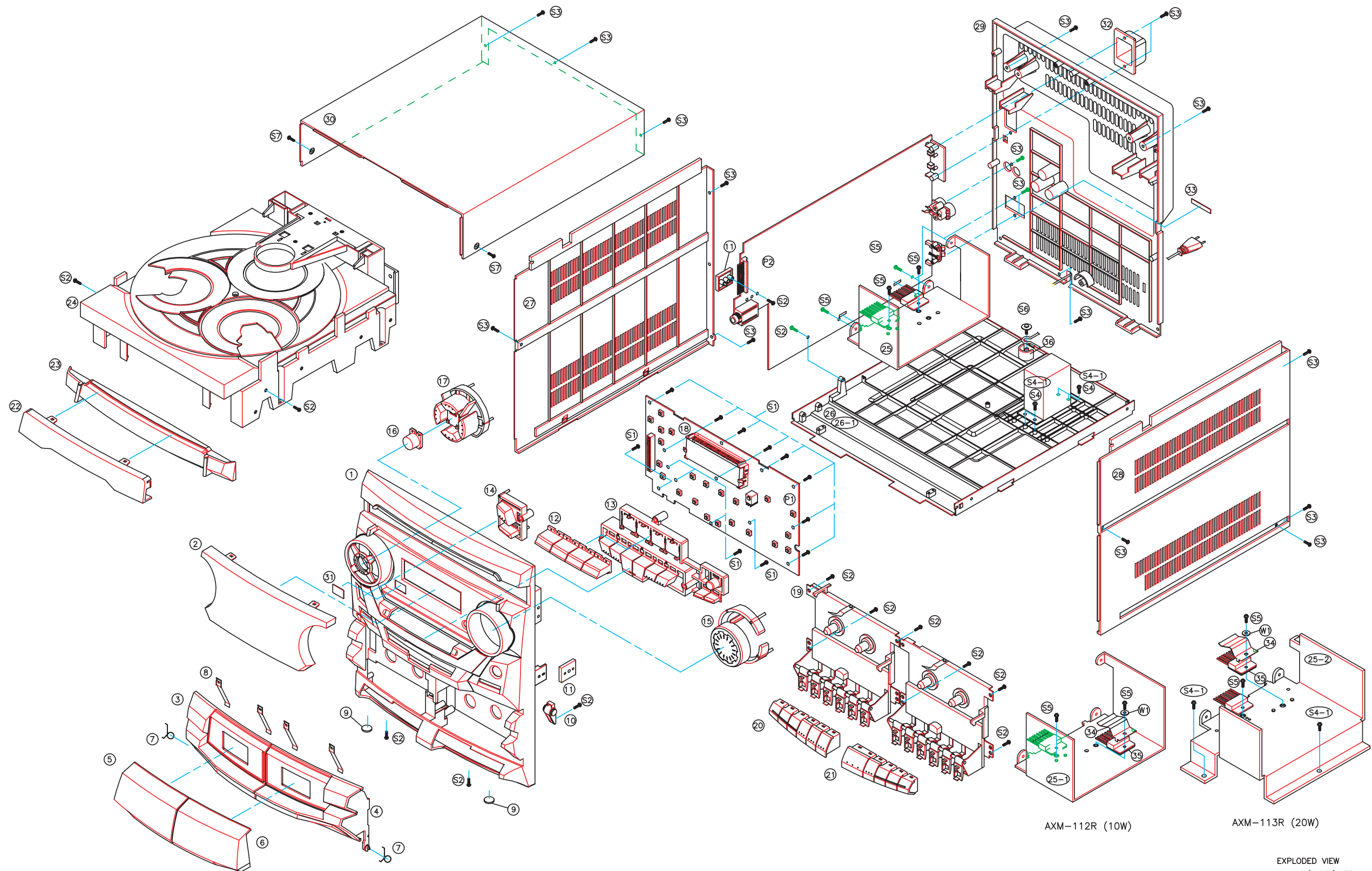
- Connect the frequency counter to TP603, GND.
- Press the REC button.
- Adjust L603 to obtain 80 KHz $\pm$ 100Hz

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: Within90°	MTT-114N	Head Screw	Line Out L/R Channel		FIG.2,3,4
3	Recording Bias Oscillator Frequency Adjust-ment		80 KHz±0.5	MTT-5511	L603	TP603,GND	Adjust with frequency counter connected.	FIG.1



Exploded View and Mechanical Parts List

Model : XM-111



EXPLODED VIEW
XM-111R/112R/113R

Exploded View and Mechanical Parts List

Model : XM-111

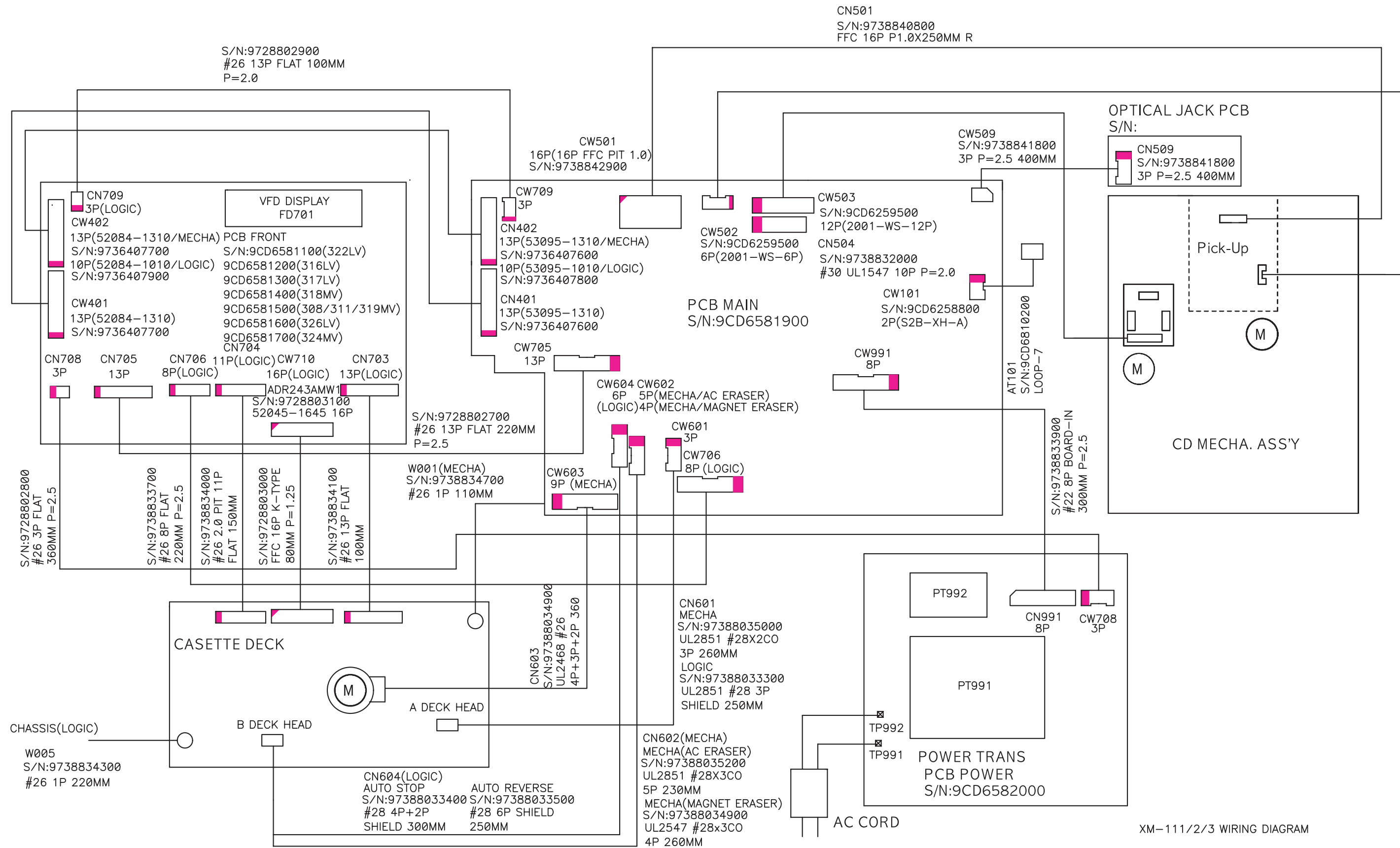
NO	PARTS	PARTS CODE	DESCRIPTION	Q'ty	REMARK
1	PANEL FRONT	9CD0308300	MIPS	1	
2	WINDOW FLT	9CD1617000	ACRYL	1	
3	DOOR CASS A	9CD18119A0	MIPS	1	
4	DOOR CASS B	9CD18119B0	MIPS	1	
5	WINDOW DOOR A	9CD16163A0	ACRYL	1	
6	WINDOW DOOR B	9CD16163B0	ACRYL	1	
7	SPRING DOOR EJECT	9CD3004500	PW-1	2	
8	SPRING C HOLDER	9713008900	STS (T=0.2)	4	
9	CUSHION FOOT	9CD4207700	URETHAN FOAM RUBBER	2	
10	DAMPER ASSY	9CD2603000 9CD2603100	DA-12A	1	
11	BRACKET SIDE	9CD2412900	ABS	2	
12	KNOB FUNCTION	9CD1340900	ACRYL	1	
13	KNOB CONTROL	9CD1340800	ABS	1	
14	KNOB POWER	9CD1341000	ABS	1	
15	KNOB VOLUME	9CD1341100	ABS	1	
16	KNOB OPEN	9CD1341400	ACRYL	1	
17	KNOB DISC	9CD1341200	ABS	1	
18	GUIDE FLT	9CD2506500	ABS	1	
19	CASS DECK MECHANISM	9CD6008200	AUTO STOP	1	VALLEY WOOD
20	KNOB DECK A	9CD13413A0	ABS	1	
21	KNOB DECK B	9CD13413B0	ABS	1	
22	WINDOW CD DOOR	9CD1617200	ACRYL		
23	DOOR CD	9CD1812000	MIPS	1	
24	CD DECK MECHANISM	9CD6007100	CMS-FR3	1	S/S
25	HEAT SINK 05	9CD4405100	AL (5W)	1	AXM-111
25-1	HEAT SINK 1	9CD4404500	AL (10W)	1	AXM-112
25-2	HEAT SINK 2	9CD4405000	AL (20W)	1	AXM-113
26	CHASSIS BOTTOM	9CD0607500	MIPS	1	AXM-111/112

NO	PARTS	PARTS CODE	DESCRIPTION	Q'ty	REMARK
26-1	CHASSIS BOTTOM	9CD0607100	SECC T1.0	1	AXM-113
27	COVER SIDE L	9CD04112L0	MIPS	1	
28	COVER SIDE R	9CD04112R0	MIPS	1	
29	COVER BACK	9CD0409801	MIPS	1	
30	COVER TOP	9CD0411000	MIPS	1	
31	PLATE EON	9CD0911800	PVC SHEET	1	
32	COVER ANT	9CD0410400	ABS	1	OPTION
33	LABEL SPK (6.2)	9CD9309400	PE FILM	1	AXM-113
34	BRKT HEAT TR	9CD2413900	STS	1	AXM-112/113
35	RUBBER SILICON	9CD4207900	RUBBER	1	AXM-112/113
36	HOLDER AC CORD	9CD2303300	ABS	1	AXM-113

				Q'ty		
				XM-111	XM-112	XM-113
S1	SCREW TAPPTITE	7173261011	TT2 BIN 2.6X10 MFZN	13	13	13
S2	SCREW TAPPTITE	7173301011	TT2 BIN 3X10 MFZN	13	13	13
S3	SCREW TAPPTITE	7173301212	TT2 BIN 3X12 BK	18	18	18
S4	SCREW TAPPTITE	7173401011	TT2 BIN 4X10 MFZN	4	4	0
S4-1	SCREW TAPPTITE	7173400611	TT2 BIN 4X6 MFZN	0	0	6
S5	SCREW TAPPTITE	7173300811	TT2 BIN 3X8 MFZN	5	5	5
S6	WASHER SCREW	9CD3102400	TT2 BIN 3X10+D14	1	1	1
S7	SCREW TAPPTITE	7173301412	TT2 BIN 3X14 BK	2	2	2
W1	WASHER PLAIN			0	1	1
P1	PCB FRONT	9CD6582700	247 x 139 x 1.6T	1		
P2	PCB MAIN	9CD6580000	330 x 197 x 1.6T	1		

Wiring Diagram

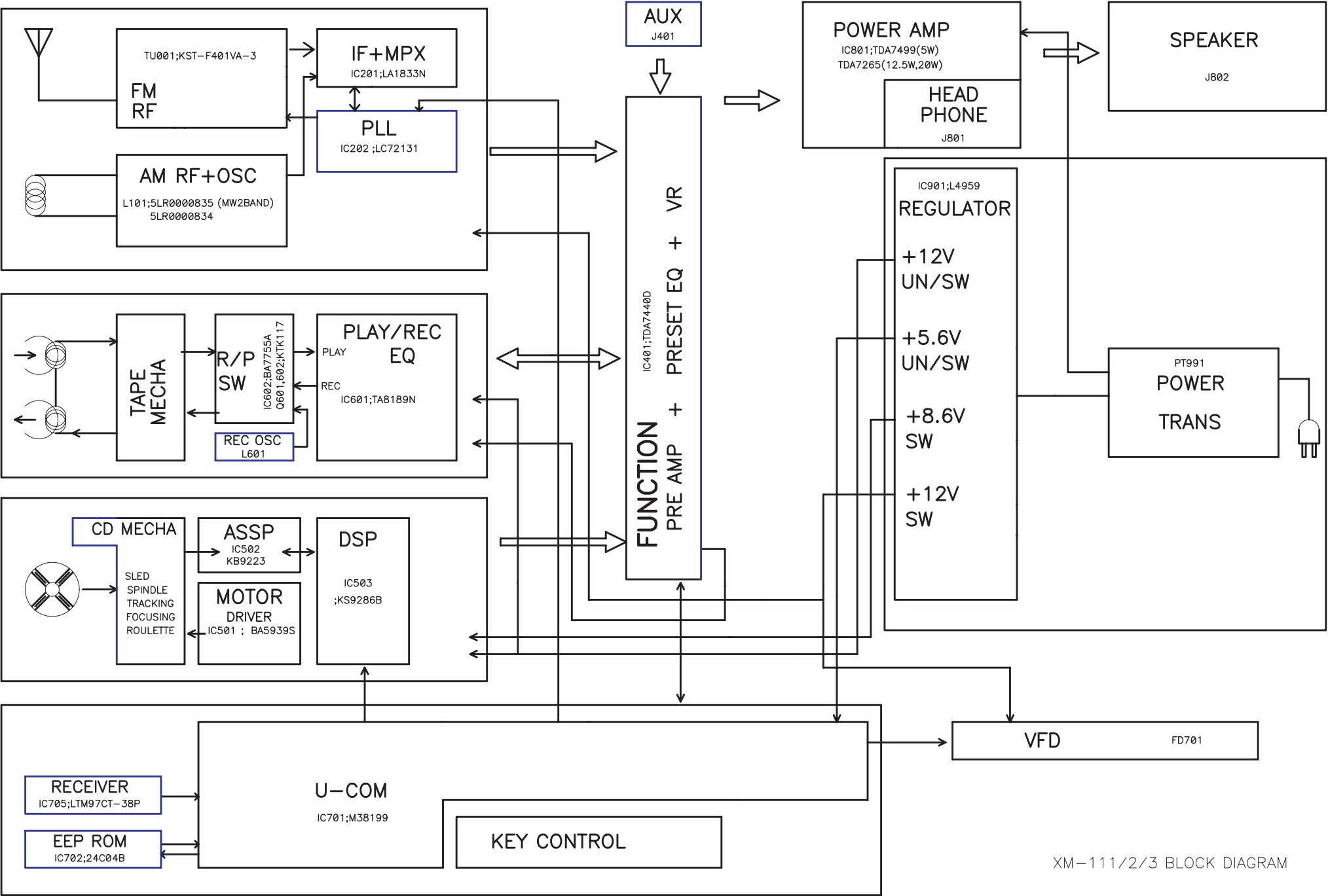
Model : XM-111



XM-111/2/3 WIRING DIAGRAM

Block Diagram

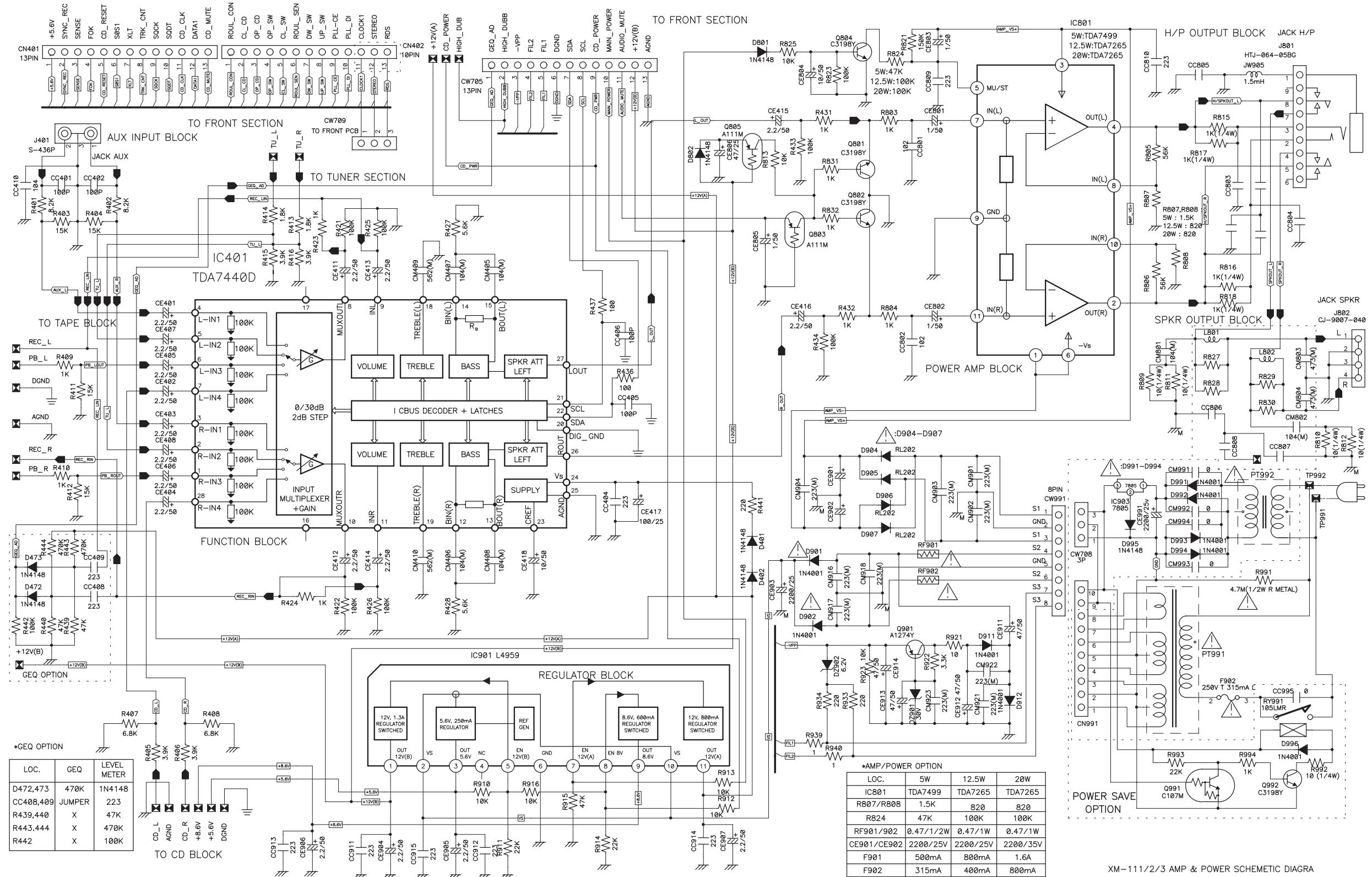
Model : XM-111



XM-111/2/3 BLOCK DIAGRAM

Schematic Diagram

Model : XM-111
Ass'y Name : AMP



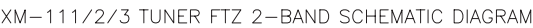
BEFORE RETURNING THE RECEIVER TO CUSTOMER, APPROPRIATE LEAKAGE CURRENT OR RESISTANCE SHOULD BE CONDUCTED TO DETERMINE THAT EXPOSED PARTS ARE PROPERLY INSULATED FROM THE SUPPLY CIRCUIT

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

XM-111/2/3 AMP & POWER SCHEMATIC DIAGRA

Model : XM-111
Ass'y Name : TUNER



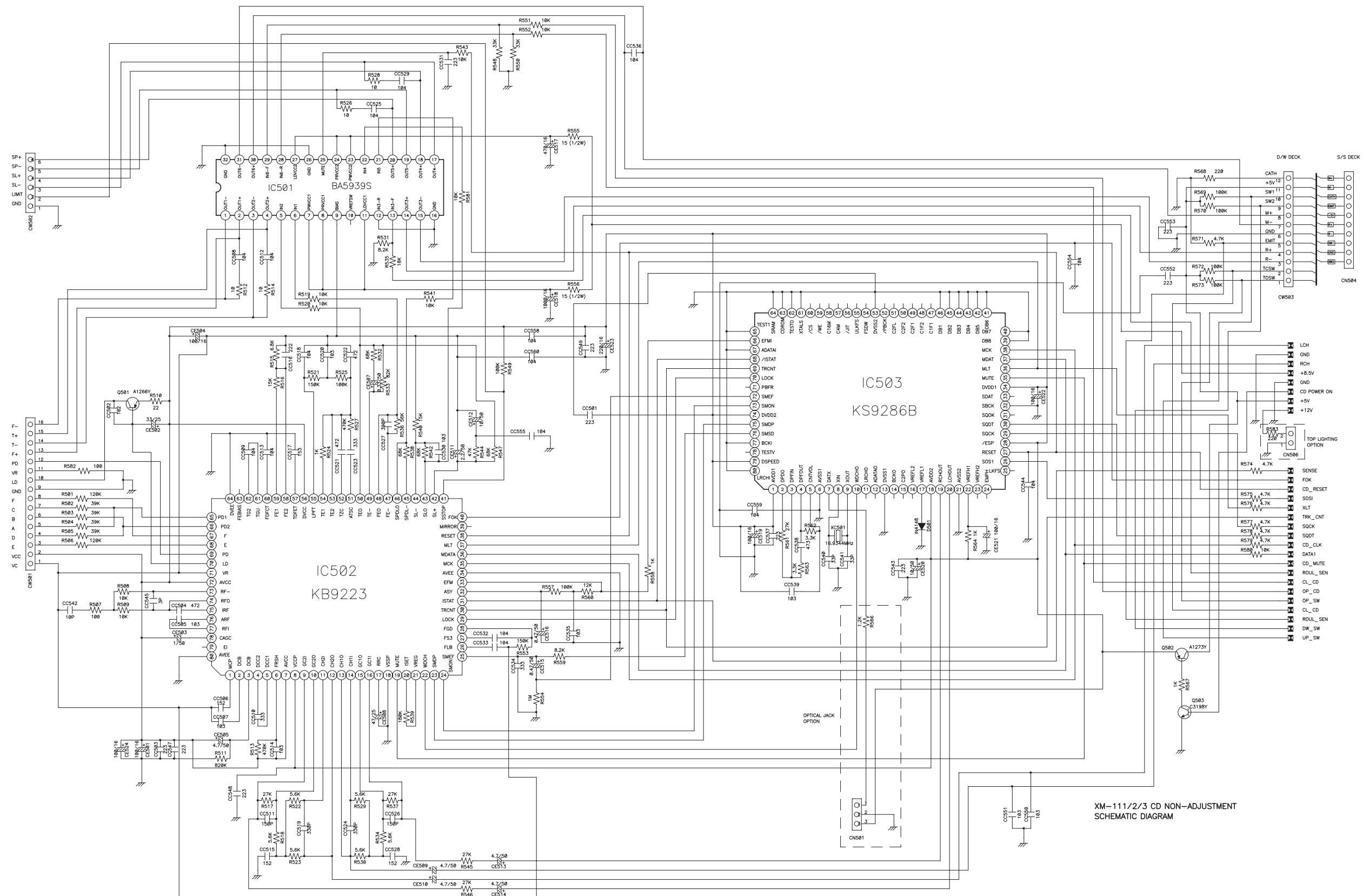
Model : XM-111
Ass'y Name : TAPE



Schematic Diagram

Model : XM-111

Ass'y Name : CD



Schematic Diagram

Model : XM-111

Ass'y Name : Control

1.MODEL OPTION(IN CASE OF USING AD_ INPUT)

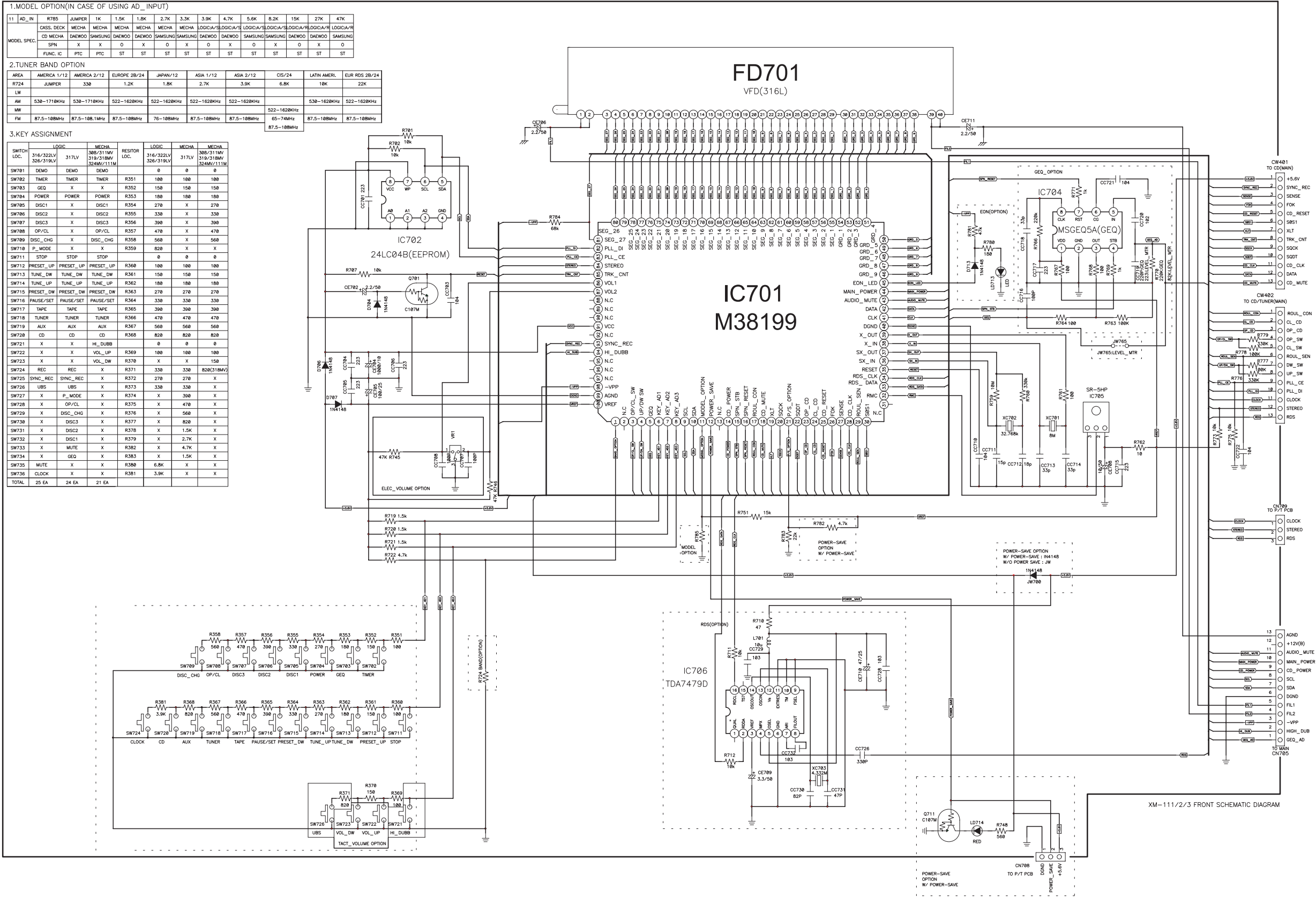
11	AD_IN	R785	JUMPER	1K	1.5K	1.8K	2.7K	3.3K	3.9K	4.7K	5.6K	8.2K	15K	27K	47K
CASS. DECK	MECHA	MECHA	MECHA	MECHA	MECHA	MECHA	MECHA	LOGICA/S	LOGICA/S	LOGICA/S	LOGICA/S	LOGICA/S	LOGICA/S	LOGICA/S	LOGICA/S
CD MECHA	DAEWOO	SAMSUNG	DAEWOO	DAEWOO	DAEWOO	DAEWOO	DAEWOO	SAMSUNG	SAMSUNG	DAEWOO	DAEWOO	DAEWOO	DAEWOO	DAEWOO	SAMSUNG
SPN	X	X	0	X	0	X	0	X	0	X	0	X	0	X	0
FUNC. IC	PTC	PTC	PTC	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST

2.TUNER BAND OPTION

AREA	AMERICA 1/12	AMERICA 2/12	EUROPE 28/24	JAPAN/12	ASIA 1/12	ASIA 2/12	CIS/24	LATIN AMER.	EUR RDS 28/24
R724	JUMPER	338	1.2K	1.8K	2.7K	3.9K	6.8K	18K	22K
LW	538-1718KHz	538-1718KHz	522-1628KHz	522-1628KHz	522-1628KHz	522-1628KHz	522-1628KHz	538-1628KHz	522-1628KHz
AM	538-1718KHz	538-1718KHz	522-1628KHz	522-1628KHz	522-1628KHz	522-1628KHz	522-1628KHz	538-1628KHz	522-1628KHz
MW	87.5-108MHz	87.5-108.1MHz	87.5-108MHz	76-108MHz	87.5-108MHz	87.5-108MHz	65-74MHz	87.5-108MHz	87.5-108MHz

3.KEY ASSIGNMENT

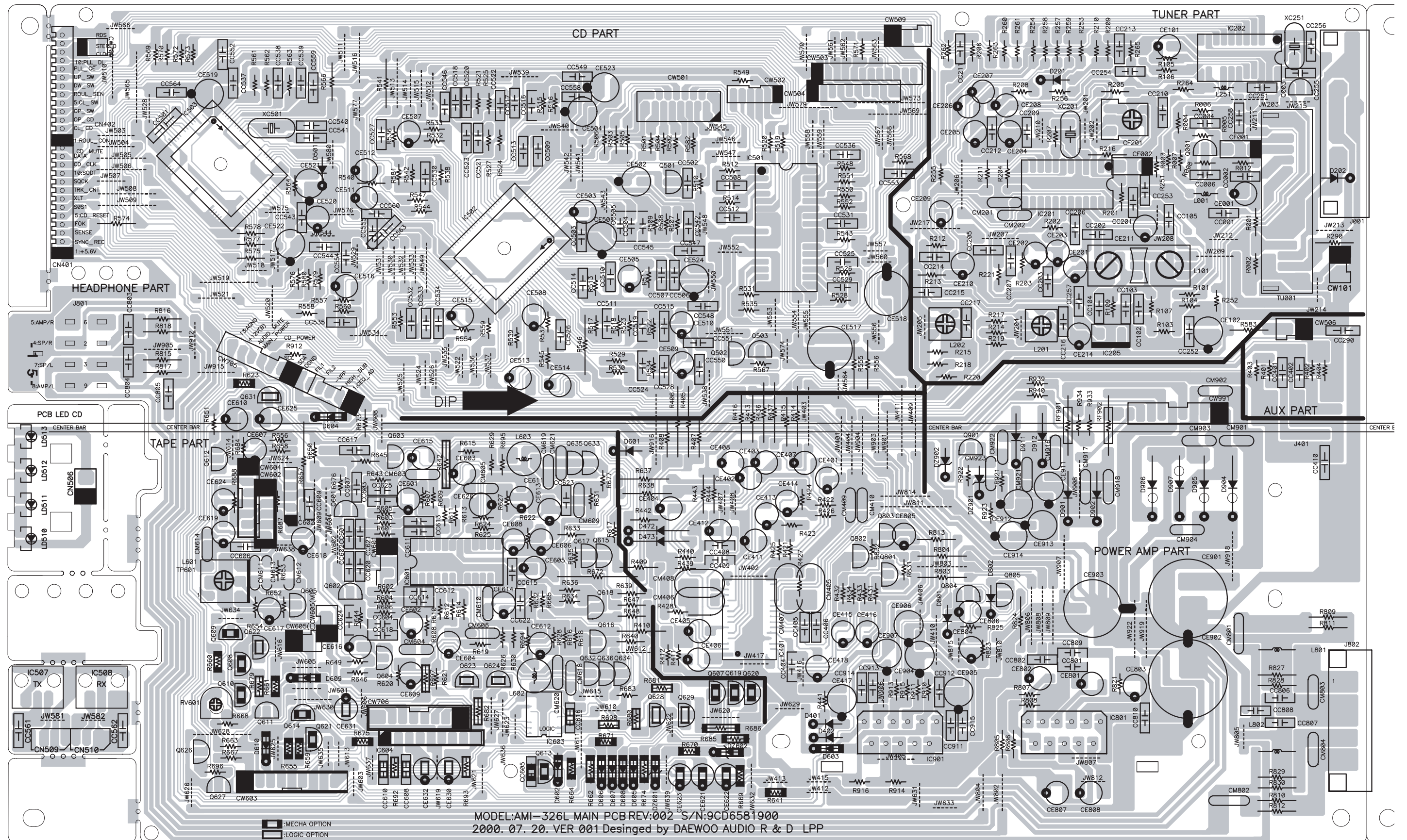
SWITCH LOC.	LOGIC	MECHA	RESISTOR LOC.	LOGIC	MECHA	MECHA
SW701	DEMO	DEMO	R351	100	100	100
SW702	TIMER	TIMER	R351	100	100	100
SW703	GEO	X	R352	150	150	150
SW704	POWER	POWER	R353	100	100	100
SW705	DISC1	X	R354	270	X	270
SW706	DISC2	X	R355	330	X	330
SW707	DISC3	X	R356	390	X	390
SW708	OP/CL	X	R357	470	X	470
SW709	DISC_CHG	X	R358	560	X	560
SW710	P_MODE	X	R359	820	X	X
SW711	STOP	STOP	0	0	0	0
SW712	PRESET_UP	PRESET_UP	R360	100	100	100
SW713	TUNE_DW	TUNE_DW	R361	150	150	150
SW714	TUNE_UP	TUNE_UP	R362	180	180	180
SW715	PRESET_DW	PRESET_DW	R363	270	270	270
SW716	PAUSE/SET	PAUSE/SET	R364	330	330	330
SW717	TAPE	TAPE	R365	390	390	390
SW718	TUNER	TUNER	R366	470	470	470
SW719	AUX	AUX	R367	560	560	560
SW720	CD	CD	R368	820	820	820
SW721	X	X	H_L DUBB	0	0	0
SW722	X	X	VOL_UP	100	100	100
SW723	X	X	VOL_DW	150	X	150
SW724	REC	REC	R371	330	330	330
SW725	SYNC_REC	SYNC_REC	R372	270	270	X
SW726	UBS	UBS	R373	330	330	X
SW727	X	P_MODE	R374	X	300	X
SW728	X	OP/CL	R375	X	470	X
SW729	X	DISC_CHG	R376	X	560	X
SW730	X	DISC3	R377	X	820	X
SW731	X	DISC2	R378	X	1.5K	X
SW732	X	DISC1	R379	X	2.7K	X
SW733	X	MUTE	R380	X	4.7K	X
SW734	X	GEO	R381	X	1.5K	X
SW735	MUTE	X	R382	6.8K	X	X
SW736	CLOCK	X	R383	3.9K	X	X
TOTAL	25 EA	24 EA	21 EA			



P.C.B Pattern Layout

Model : XM-111

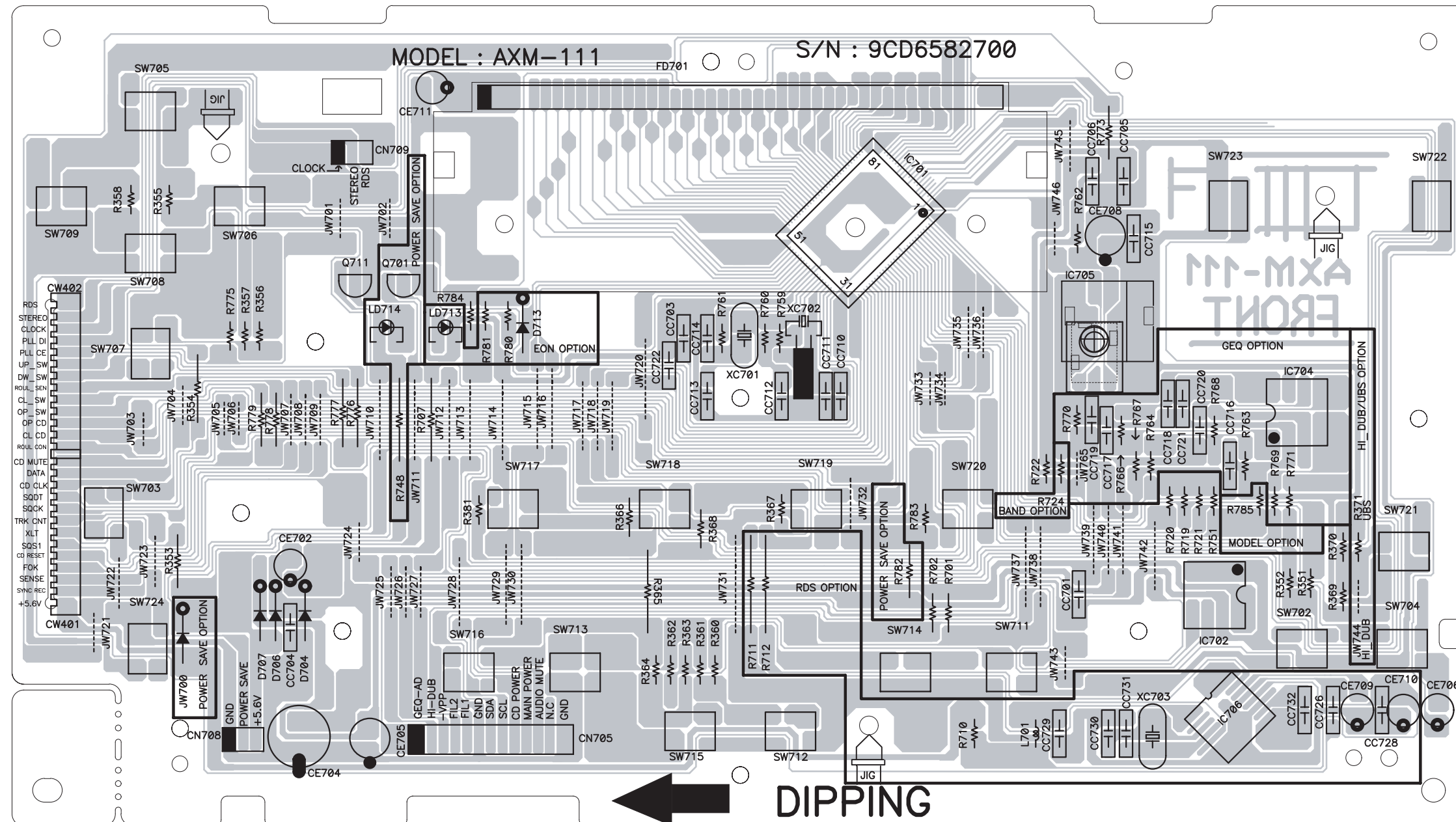
Ass'y Name : Main P.C.B



P.C.B Pattern Layout

Model : XM-111

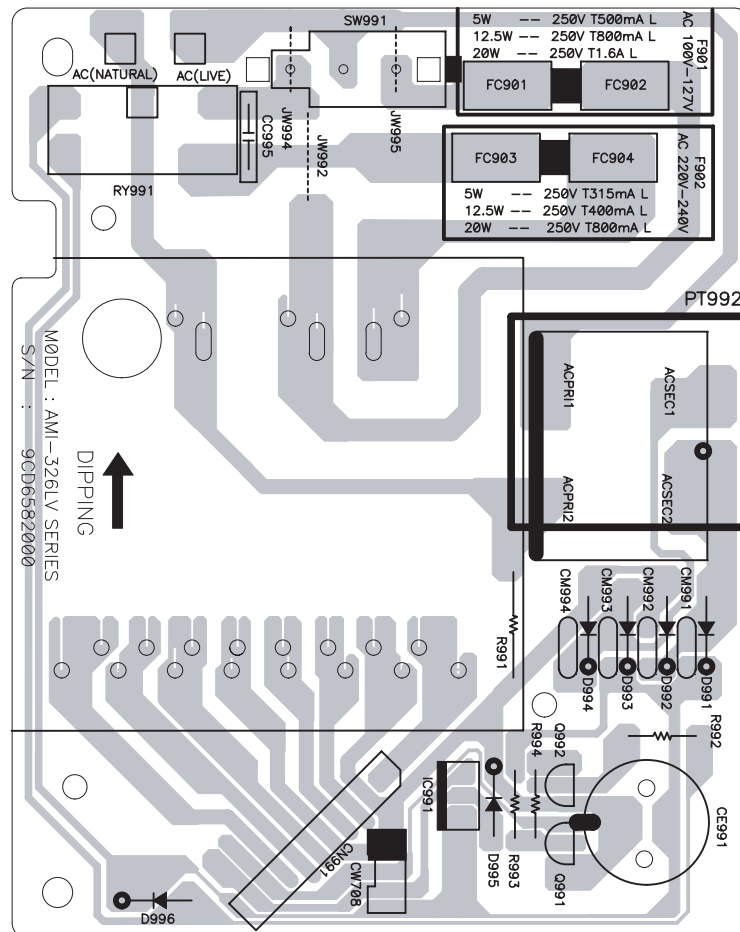
Ass'y Name : FRONT P.C.B.



P.C.B Pattern Layout

Model : XM-111

Ass'y Name : P/T P.C.B



Electrical Parts List

NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK	NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK
1	11000	PCB FRONT AS	9CDC056038	AXM-111		77	R361	R CARBON FILM	RD-AZ151J	1/6 150 OHM J	
2	B700	PCB FRONT	9CD6582700	AXM-111M		78	R362	R CARBON FILM	RD-AZ181J	1/6 180 OHM J	
3	CC701	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		79	R363	R CARBON FILM	RD-AZ271J	1/6 270 OHM J	
4	CC703	C CERA	CCXF1H104Z	50V F 0.1MF Z		80	R364	R CARBON FILM	RD-AZ331J	1/6 330 OHM J	
5	CC704-706	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		81	R365	R CARBON FILM	RD-AZ391J	1/6 390 OHM J	
6	CC710	C CERA	CCXF1H104Z	50V F 0.1MF Z		82	R366	R CARBON FILM	RD-AZ471J	1/6 470 OHM J	
7	CC711	C CERA	CXCH1H150J	50V CH 15PF J (TAPPING)		83	R367	R CARBON FILM	RD-AZ561J	1/6 560 OHM J	
8	CC712	C CERA	CXCH1H180J	50V CH 18PF J (TAPPING)		84	R368	R CARBON FILM	RD-AZ821J	1/6 820 OHM J	
9	CC713-714	C CERA	CXCH1H330J	50V CH 33PF J (TAPPING)		85	R369	R CARBON FILM	RD-AZ101J	1/6 100 OHM J	
10	CC715	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		86	R370	R CARBON FILM	RD-AZ151J	1/6 150 OHM J	
11	CC719	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		87	R371	R CARBON FILM	RD-AZ821J	1/6 820 OHM J	
12	CC722	C CERA	CCXF1H104Z	50V F 0.1MF Z		88	R381	R CARBON FILM	RD-AZ392J	1/6 3.9K OHM J	
13	CC726	C CERA	CXCH1H331J	50V CH 330PF J (TAPPING)		89	R701-702	R CARBON FILM	RD-AZ103J	1/6 10K OHM J	
14	CC728-729	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		90	R707	R CARBON FILM	RD-AZ103J	1/6 10K OHM J	
15	CC730	C CERA	CXCH1H820J	50V CH 82PF J (TAPPING)		91	R710	R CARBON FILM	RD-AZ470J	1/6 47 OHM J	
16	CC731	C CERA	CXCH1H470J	50V CH 47PF J (TAPPING)		92	R711-712	R CARBON FILM	RD-AZ103J	1/6 10K OHM J	
17	CC732	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		93	R719-721	R CARBON FILM	RD-AZ152J	1/6 1.5K OHM J	
18	CE702	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		94	R722	R CARBON FILM	RD-AZ472J	1/6 4.7K OHM J	
19	CE704	C ELECTRO	CEXF1A102V	10V RSS 1000MF (10X16) TP		95	R724	R CARBON FILM	RD-AZ223J	1/6 820 OHM J	
20	CE705	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		96	R748	R CARBON FILM	RD-AZ561J	1/6 560 OHM J	
21	CE706	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		97	R751	R CARBON FILM	RD-AZ152J	1/6 1.5K OHM J	
22	CE708	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP		98	R759	R CARBON FILM	RD-AZ106J	1/6 10M OHM J	
23	CE709	C ELECTRO	CEXF1H339V	50V RSS 3.3MF (5X11) TP		99	R760	R CARBON FILM	RD-AZ334J	1/6 330K OHM J	
24	CE710	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		100	R761	R CARBON FILM	RD-AZ101J	1/6 100 OHM J	
25	CE711	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		101	R762	R CARBON FILM	RD-AZ100J	1/6 10 OHM J	
26	CN705	CONN AS	9728802700	#26 13P FLAT 250MM P=2.5		102	R770	R CARBON FILM	RD-AZ823J	1/6 82K OHM J	
27	CN708	CONN AS	9728802800	#26 3P FLAT 360MM P=2.5		103	R773	R CARBON FILM	RD-AZ103J	1/6 10K OHM J	
28	CN709	CONN AS	9728802900	#26 3P FLAT 100MM P=2.0		104	R775	R CARBON FILM	RD-AZ103J	1/6 10K OHM J	
29	CW401	CONN WAFER	9736407700	52084-1310 13P BOTTOM		105	R776	R CARBON FILM	RD-AZ334J	1/6 330K OHM J	
30	CW402	CONN WAFER	9736407900	52084-1010 10P BOTTOM		106	R777	R CARBON FILM	RD-AZ104J	1/6 100K OHM J	
31	D704	DIODE	DZN4148--	1N4148 AUTO 52MM		107	R778	R CARBON FILM	RD-AZ104J	1/6 100K OHM J	
32	D706-707	DIODE	DZN4148--	1N4148 AUTO 52MM		108	R779	R CARBON FILM	RD-AZ334J	1/6 330K OHM J	
33	D713	DIODE	DZN4148--	1N4148 AUTO 52MM		109	R780	R CARBON FILM	RD-AZ181J	1/6 180 OHM J	
34	FD701	VFD	DSVA09MM10	SVA09MM10		110	R781	R CARBON FILM	RD-AZ473J	1/6 47K OHM J	
35	IC701	IC	138199316N	U-COM M38199-316N		111	R782	R CARBON FILM	RD-AZ472J	1/6 4.7K OHM J	
36	IC702	IC	1M24C04--	M24C04-BN6		112	R783	R CARBON FILM	RD-AZ223J	1/6 22K OHM J	
37	IC705	IC PRE AMP	1TM97CT38P	1TM97CT-38P		113	R784	R CARBON FILM	RD-AZ683J	1/6 68K OHM J	
38	IC706	IC	1TDA7479D-	TDA7479D		114	R785	R CARBON FILM	RD-AZ182J	1/6 1.8K OHM J	
39	JW700	DIODE	DZN4148--	1N4148 AUTO 52MM		115	SW702-709	SW TACT	5S50101001	KPT-1105A 1C-1P	
40	JW701-702	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		116	SW711-724	SW TACT	5S50101001	KPT-1105A 1C-1P	
41	JW703	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		117	XC701	RESONATOR	5PCSA8MTZ	CSALA8M00T55-B0 (8.00MTZ)	
42	JW704	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		118	XC702	X-TAL	5XA32R768-	DT-38 32.768KHZ 20PPM	
43	JW705-706	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		119	XC703	X-TAL	5XA4R332M-	4.332M	
44	JW707-709	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		1	10000	PCB MAIN AS	9CDC054910	AMI-208MV	
45	JW710-716	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		2	B001	PCB MAIN	9CD6581900	330X197X1.6T	
46	JW717-719	WIRE JUMPER	W581GY1235	AWG22 1/0.65 SN 12.5 AUTO		3	CC001	C CERA	CCZB1E102K	25V B 1000PF K (AXIAL)	
47	JW720	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		4	CC002	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
48	JW721	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		5	CC004	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
49	JW722-723	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		6	CC006	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
50	JW724	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		7	CC102	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
51	JW725-727	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		8	CC103	C CERA	CCXF1H104Z	50V F 0.1MF Z	
52	JW728	WIRE JUMPER	W581GY1235	AWG22 1/0.65 SN 12.5 AUTO		9	CC104	C CERA	CZCH1E120J	CH 25V 12PF J	
53	JW729-730	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		10	CC105	C CERA	CZCH1E820J	CH 25V 82PF J AXL 52MM	
54	JW731	WIRE JUMPER	W581GY1735	AWG22 1/0.65 SN 17.5 AUTO		11	CC201-202	C CERA	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	
55	JW732	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		12	CC203	C CERA	CCZB1E561K	25V B 560PF K (AXIAL)	
56	JW733-734	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		13	CC205	C CERA	CCZB1E472K	25V B 4700PF K (AXIAL)	
57	JW735-736	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		14	CC206	C CERA	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	
58	JW737-738	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		15	CC207	C CERA	CCXF1H104Z	50V F 0.1MF Z	
59	JW739-742	WIRE JUMPER	W581GY1235	AWG22 1/0.65 SN 12.5 AUTO		16	CC209	C CERA	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	
60	JW743	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		17	CC210-213	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
61	JW745	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		18	CC216-217	C CERA	CCZB1E682K	25V B 6800PF K (AXIAL)	
62	JW746	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		19	CC251	C CERA	CCXF1H104Z	50V F 0.1MF Z	
63	JW765	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		20	CC252	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
64	L701	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		21	CC253-254	C CERA	CCZB1E102K	25V B 1000PF K (AXIAL)	
65	LD713-714	LED	DLTL307EE-	LTL-307EE(RED)PI5		22	CC255	C CERA	CZCH1E360J	CH 25V 36PF J AXIAL 52MM	
66	Q701	TR	TKRC107M--	KRC107-M TAPPING(KSR1006)		23	CC256	C CERA	CZCH1E330J	CH 25V 33PF J AXIAL 52MM	
67	Q711	TR	TKRC107M--	KRC107-M TAPPING(KSR1006)		24	CC257	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
68	R351	R CARBON FILM	RD-AZ101J	1/6 100 OHM J		25	CC258	C CERA	CCZB1E102K	25V B 1000PF K (AXIAL)	
69	R352	R CARBON FILM	RD-AZ151J	1/6 150 OHM J		26	CC290	C CERA	CCXF1H104Z	50V F 0.1MF Z	
70	R353	R CARBON FILM	RD-AZ181J	1/6 180 OHM J		27	CC401-402	C CERA	CXCH1H101J	50V CH 100PF J (TAPPING)	
71	R354	R CARBON FILM	RD-AZ271J	1/6 270 OHM J		28	CC404	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	
72	R355	R CARBON FILM	RD-AZ331J	1/6 330 OHM J		29	CC405-406	C CERA	CXCH1H101J	50V CH 100PF J (TAPPING)	
73	R356	R CARBON FILM	RD-AZ391J	1/6 390 OHM J		30	CC408-409	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	
74	R357	R CARBON FILM	RD-AZ471J	1/6 470 OHM J		31	CC410	C CERA	CCXF1H104Z	50V F 0.1MF Z	
75	R358	R CARBON FILM	RD-AZ561J	1/6 560 OHM J		32	CC501	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	
76	R360	R CARBON FILM	RD-AZ101J	1/6 100 OHM J		33	CC502	C CERA	CCXB1H102K	50V B 1000PF K (TAPPING)	

Electrical Parts List

NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK	NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK
34	CC503	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		110	CE505	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
35	CC504	C CERA	CCXB1H472K	50V B 4700PF K (TAPPING)		111	CE507	C ELECTRO	CEXF1H338V	50V RSS 0.33MF (5X11) TP	
36	CC505	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		112	CE508	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
37	CC506	C CERA	CCXB1H152K	50V B 1500PF K (TAPPING)		113	CE509-510	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
38	CC507	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		114	CE511	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
39	CC508-509	C CERA	CCXF1H104Z	50V F 0.1MF Z		115	CE512	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP	
40	CC510	C CERA	CCXF1H333Z	50V F 0.033MF Z (TAPPING)		116	CE513-514	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
41	CC511	C CERA	CCXB1H151K	50V B 150PF K (TAPPING)		117	CE515-516	C ELECTRO	CEXF1H478V	50V RSS 0.47MF (5X11) TP	
42	CC512-513	C CERA	CCXF1H104Z	50V F 0.1MF Z		118	CE517	C ELECTRO	CEYF1C471V	16V RSS 470MF 10X12.5	
43	CC514	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		119	CE518	C ELECTRO	CEYF1C102V	16V RSS 1000MF (10X20)	
44	CC515	C CERA	CCXB1H152K	50V B 1500PF K (TAPPING)		120	CE519	C ELECTRO	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
45	CC516	C CERA	CCXB1H222K	50V B 2200PF K (TAPPING)		121	CE520	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP	
46	CC517	C CERA	CCXF1H153Z	50V F 0.015MF Z		122	CE521-522	C ELECTRO	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
47	CC518	C CERA	CCXF1H104Z	50V F 0.1MF Z		123	CE523	C ELECTRO	CEXF1C221V	16V RSS 220MF (8X11.5) TP	
48	CC519	C CERA	CCXB1H331K	50V B 330PF K (TAPPING)		124	CE524	C ELECTRO	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
49	CC520	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		125	CE601-602	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
50	CC521-522	C CERA	CCXB1H472K	50V B 4700PF K (TAPPING)		126	CE603-604	C ELECTRO	CEXF1H100V	50V RSS 3.3MF (5X11) TP	
51	CC523	C CERA	CCXF1H333Z	50V F 0.033MF Z (TAPPING)		127	CE605	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
52	CC524	C CERA	CCXB1H331K	50V B 330PF K (TAPPING)		128	CE606	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
53	CC525	C CERA	CCXF1H104Z	50V F 0.1MF Z		129	CE608	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
54	CC526	C CERA	CCXB1H151K	50V B 150PF K (TAPPING)		130	CE609	C ELECTRO	CEXF1H339V	50V RSS 3.3MF (5X11) TP	
55	CC527	C CERA	CCXB1H391K	50V B 390PF K (TAPPING)		131	CE610	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP	
56	CC528	C CERA	CCXB1H152K	50V B 1500PF K (TAPPING)		132	CE611-613	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
57	CC529	C CERA	CCXF1H104Z	50V F 0.1MF Z		133	CE613-614	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP	
58	CC530	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		134	CE615-616	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP	
59	CC531	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		135	CE617	C ELECTRO	CEXF1H339V	50V RSS 3.3MF (5X11) TP	
60	CC532-533	C CERA	CCXF1H104Z	50V F 0.1MF Z		136	CE619-620	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
61	CC534	C CERA	CCXF1H333Z	50V F 0.033MF Z (TAPPING)		137	CE621-623	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
62	CC535	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		138	CE624	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
63	CC536	C CERA	CCXF1H104Z	50V F 0.1MF Z		139	CE625-626	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
64	CC538	C CERA	CCXF1H473Z	50V F 0.047MF Z (TAPPING)		140	CE627	C ELECTRO	CEXF1H330V	50V RSS 33MF (6.3X11) TP	
65	CC539	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		141	CE801-803	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP	
66	CC540-541	C CERA	CXCH1H330J	50V CH 33PF J (TAPPING)		142	CE804-805	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP	
67	CC542	C CERA	CXCH1H100D	50V CH 10PF D (TAPPING)		143	CE806	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
68	CC543	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		144	CE901-902	C ELECTRO	CEYF1E222V	25V RSS 2200MF (16X25) TP	
69	CC544	C CERA	CCXF1H104Z	50V F 0.1MF Z		145	CE903	C ELECTRO	CEXF1E222V	25V RSS 2200MF (16X25) TP	
70	CC545	C CERA	CXCH1H309C	50V CH 3PF C		146	CE904-907	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
71	CC547-549	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		147	CE911-914	C ELECTRO	CEXF1H470V	50V RSS 47MF (6.3X11) TP	
72	CC550-551	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		148	CF001	FILTER CERA	5PE107MS3A	SFE107MS3-A	
73	CC553	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		149	CF002	FILTER CERA	5PE107MJA-	SFE 10.7MHZ RED	
74	CC554-555	C CERA	CCXF1H104Z	50V F 0.1MF Z		150	CF201	FILTER	5PPCFAZ077	PCFAZ077	
75	CC558-560	C CERA	CCXF1H104Z	50V F 0.1MF Z		151	CM201-202	C MYLAR	CMXM1H183J	50V 0.018MF J	
76	CC601-602	C CERA	CCXB1H821K	50V B 820PF K (TAPPING)		152	CM405-408	C MYLAR	CMXM1H150J	50V 0.1MF J	
77	CC605	C CERA	CCXB1H331K	50V B 330PF K (TAPPING)		153	CM409-410	C MYLAR	CMXM1H562J	50V 5600 PF J	
78	CC607	C CERA	CCXB1H102K	50V B 1000PF K (TAPPING)		154	CM603-604	C MYLAR	CMXM1H223J	50V 0.022MF J	
79	CC611-614	C CERA	CCXB1H391K	50V B 390PF K (TAPPING)		155	CM605-606	C MYLAR	CMXM1H102J	50V 0.001MF J (TP)	
80	CC615	C CERA	CCXF1H104Z	50V F 0.1MF Z		156	CM609-610	C MYLAR	CMXM1H153J	50V 0.015MF J (TP)	
81	CC617-618	C CERA	CCXB1H471K	50V B 470PF K (TAPPING)		157	CM611	C MYLAR	CMXM1H223J	50V 0.022MF J	
82	CC620-621	C CERA	CCXB1H821K	50V B 820PF K (TAPPING)		158	CM612	C MYLAR	CMXM1H332J	50V 3300 PF J	
83	CC622-623	C MYLAR	CMXM1H122J	50V 0.0012MF J		159	CM613	C MYLAR	CMXM1H153J	50V 0.015MF J (TP)	
84	CC624-625	C CERA	CCXB1H681K	50V B 680PF K (TAPPING)		160	CM614	C MYLAR	CMXM1H182J	50V 1800PF J	
85	CC801-802	C CERA	CCXB1H102K	50V B 1000PF K (TAPPING)		161	CM618-619	C MYLAR	CMXM1H683J	50V 0.068 MF J	
86	CC803-804	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		162	CM801-802	C MYLAR	CMXM1H104J	50V 0.1MF J	
87	CC806-808	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		163	CM803-804	C MYLAR	CMXM1H473J	50V 0.047MF J	
88	CC809-810	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		164	CM901-904	C MYLAR	CMXM1H223J	50V 0.022MF J	
89	CC911-915	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		165	CM916-918	C MYLAR	CMXM1H223J	50V 0.022MF J	
90	CE001	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		166	CM921-923	C MYLAR	CMXM1H223J	50V 0.022MF J	
91	CE101	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		167	CN401	CONN AS	9736407600	PIN BASE 53095-1310 13P	
92	CE102	C ELECTRO	CEXF1E221V	25V RSS 220MF (8X11.5) TP		168	CN402	CONN PIN	9736407800	53095-1010 10PIN ANGLE	
93	CE201	C ELECTRO	CEXF1H220V	50V RSS 22MF (5X11) TP		169	CN501	CONN AS	9738840800	FFC 16P P1.0X250MM R	
94	CE202	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP		170	CN601	CONN AS	9738835000	UL 2851 #28X2C0 3P 260MM	
95	CE203	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP		171	CN602	CONN AS	9728802100	UL2547 #28X3CO 4P	
96	CE204	C ELECTRO	CEXF1E330V	25V RSS 33MF (5X11) TP		172	CN603	CONN AS	9738834900	UL 2468 #26 4P+3P+2P 360	
97	CE206	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP		173	CN605	CONN AS	9738834700	UL 1007 #26 1P 110MM	
98	CE207	C ELECTRO	CEXF1H478V	50V RSS 0.47MF (5X11) TP		174	CW101	CONN WAFER	9CD6258800	2P S2B-XH-A	
99	CE208-210	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP		175	CW501	CONN WAFER	9738842900	16P FFC PIT1.0	
100	CE211	C ELECTRO	CEXF1H339V	50V RSS 3.3MF (5X11) TP		176	CW502	CONN WAFER	9CD6259500	2001-WS-6P	
101	CE214	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		177	CW503	CONN WAFER	9CD6259400	2001-WS-12P	
102	CE401-408	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		178	CW601	CONN AS	9738835000	UL 2851 #28X2C0 3P 260MM	
103	CE411-416	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		179	CW602	CONN AS	9728802100	UL2547 #28X3CO 4P	
104	CE417	C ELECTRO	CEXF1E221V	25V RSS 220MF (8X11.5) TP		180	CW603	CONN AS	9738834900	UL 2468 #26 4P+3P+2P 360	
105	CE418	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP		181	CW605	CONN AS	9738834700	UL 1007 #26 1P 110MM	
106	CE501	C ELECTRO	CEXF1C101V	16V RSS 100MF (6.3X11) TP		182	CW705	CONN AS	9728802700	#26 13P FLAT 250MM P=2.5	
107	CE502	C ELECTRO	CEXF1E330V	25V RSS 33MF (5X11) TP		183	CW709	CONN AS	9728802900	#26 3P FLAT 100MM P=2.0	
108	CE503	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP		184	CW991	CONN AS	9738833900	#22 8P BOARD-IN 350MM	
109	CE504	C ELECTRO	CEXF1C101V	16V RSS 100MF (6.3X11) TP		185	D201	DIODE	DZN4148---	1N4148 AUTO 52MM	

Electrical Parts List

NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK	NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK
186	D401-402	DIODE	DZN4148---	1N4148 AUTO 52MM		262	JW550	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
187	D472-473	DIODE	DZN4148---	1N4148 AUTO 52MM		263	JW551	COIL BEAD	5LX159P829	1.5UH MIN	
188	D501	DIODE	DZN4148---	1N4148 AUTO 52MM		264	JW553-555	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
189	D602-610	DIODE	DZN4148---	1N4148 AUTO 52MM		265	JW556-557	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
190	D801-802	DIODE	DZN4148---	1N4148 AUTO 52MM		266	JW558-559	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
191	D901-902	DIODE	D1N4001---	1N4001		267	JW560-564	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
192	D904-907	DIODE	DRL202----	RL202		268	JW565	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
193	D911-912	DIODE	D1N4001---	1N4001		269	JW566	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
194	DZ601-602	DIODE ZENER	DZTZ6R2B--	MTZ6.2B		270	JW567-568	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
195	DZ901	DIODE ZENER	DZTZ30B---	MTZ30B		271	JW569	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
196	DZ902	DIODE ZENER	DZTZ6R2B--	MTZ6.2B		272	JW570	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
197	IC201	IC	1LA1833N--	LA1833N		273	JW573	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
198	IC202	IC	1LC72131D-	LC72131D		274	JW574-576	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
199	IC205	IC REGULATOR	1KA78L05AZ	KA78L05AZ		275	JW578	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
200	IC401	IC	1TDA7440D-	TDA7440D		276	JW579	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
201	IC501	IC MOTOR DRIVE	1BA5939S--	BA5939S		277	JW580	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
202	IC502	IC CHIP RF	1KB9223--	KB9223 RF+SSP+AF		278	JW601	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
203	IC503	IC CHIP DSP	1KS9286B--	KS9286B DSP+DAC		279	JW602	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
204	IC601	IC	1TA8189N--	TA8189N		280	JW603	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
205	IC602	IC SWITCHING	1BA7755A--	BA7755A (HEAD SW)		281	JW604	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
206	IC801	IC	1TDA7499--	TDA7499		282	JW605-606	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
207	IC901	IC	1L4959----	L4959		283	JW608	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
208	J001	JACK ANT	9736321900	PAT645		284	JW609	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
209	J401	JACK RCA	9CD6313700	S-436P		285	JW610	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
210	J801	JACK HEADPHONE	9766319501	HTJ-064-05B GOLD		286	JW611	WIRE JUMPER	W581GY15J5	AWG22 1/0.65 SN 15.5 AUTO	
211	J802	JACK SPEAKER	9736320500	CJ-9007-040		287	JW612	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
212	JW201-202	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		288	JW613-617	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
213	JW203	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		289	JW619	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
214	JW206	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		290	JW620	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
215	JW207	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		291	JW621	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
216	JW208	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		292	JW622-625	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
217	JW209	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		293	JW626	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
218	JW210-211	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		294	JW627	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
219	JW212	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		295	JW628-630	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
220	JW213	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		296	JW632	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
221	JW214-215	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		297	JW634-635	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
222	JW217	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		298	JW636	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
223	JW401	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		299	JW637-638	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
224	JW402	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		300	JW639-640	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
225	JW403	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		301	JW802	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
226	JW404	COIL BEAD	5LX159P829	1.5UH MIN		302	JW803	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
227	JW405	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		303	JW804	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
228	JW406-408	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		304	JW805	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
229	JW409	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO		305	JW806	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
230	JW410	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		306	JW807	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
231	JW411	DIODE	DZN4148---	1N4148 AUTO 52MM		307	JW808-809	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
232	JW412-413	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		308	JW810	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
233	JW415	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		309	JW811	WIRE JUMPER	W581GY17J5	AWG22 1/0.65 SN 17.5 AUTO	
234	JW416-417	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		310	JW812	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
235	JW503-504	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		311	JW814	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
236	JW505-506	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		312	JW815	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
237	JW507	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		313	JW901	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
238	JW508-509	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		314	JW903-904	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
239	JW510	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		315	JW905	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
240	JW511-512	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		316	JW906	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO	
241	JW513	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		317	JW907-908	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
242	JW514-515	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		318	JW912	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
243	JW516	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		319	JW915	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
244	JW517-518	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		320	JW918	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO	
245	JW519-520	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO		321	JW919	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
246	JW521	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		322	JW922	WIRE JUMPER	W581GY1505	AWG22 1/0.65 GY 15 AUTO	
247	JW522	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		323	L001	COIL PEAKING	5CPZ100K02	10UH K (AXIAL 3.5MM)	
248	JW524	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		324	L101	AM RF UNIT	5LR0000834	RBW07VB-K5024	
249	JW525	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		325	L201-202	COIL	5P076068--	6068MPX	
250	JW526	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		326	L251	COIL PEAKING	5CPZ100K02	10UH K (AXIAL 3.5MM)	
251	JW528	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		327	L601	COIL OSC	5L00000500	0500 10X10 BK	
252	JW529	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		328	L602-603	WIRE JUMPER	W581GY5095	AWG22 1/0.65 SN 5 AUTO	
253	JW530-534	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		329	Q001	TR	TZTC3194Y-	KTC3194Y	
254	JW535-537	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		330	Q003	TR	TZRA107M--	KRA107M (KSR2006)	
255	JW538	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		331	Q501	TR	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)	
256	JW539	COIL BEAD	5LX159P829	1.5UH MIN		332	Q502	TR	TZTA1273Y-	KTA1273Y(966Y)	
257	JW540-542	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO		333	Q503	TR	TZTC3198Y-	KTC3198Y- (1815Y) (AUTO)	
258	JW543-545	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		334	Q601-602	FET	TKTK117Y--	KTK117(Y)	
259	JW546-547	WIRE JUMPER	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		335	Q603-604	TR	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)	
260	JW548	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		336	Q605	TR	TZTC3198Y-	KTC3198Y- (1815Y) (AUTO)	
261	JW549	WIRE JUMPER	W581GY12J5	AWG22 1/0.65 SN 12.5 AUTO		337	Q607	TR	TZTC3198Y-	KTC3198Y- (1815Y) (AUTO)	

Electrical Parts List

NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK	NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK
338	Q608	TR	TKRC107M--	KRC107-M TAPPING(KSR1006)		414	R506	R CARBON FILM	RD-AZ124J-	1/6 120K OHM J	
339	Q609	TR	TKRA111M--	KRA111-M TAPPING(KSR2010)		415	R507	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J	
340	Q610	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		416	R508-509	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
341	Q611	TR	TZTA1266Y-	KTA1266Y-(AUTO)(1015Y)		417	R510	R CARBON FILM	RD-AZ220J-	1/6 22 OHM J	
342	Q612	TR	TZRC111M--	KRC111M		418	R511	R CARBON FILM	RD-AZ824J-	1/6 820K OHM J	
343	Q613	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		419	R512	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	
344	Q614	TR	TKRC107M--	KRC107-M TAPPING(KSR1006)		420	R513	R CARBON FILM	RD-AZ474J-	1/6 470K OHM J	
345	Q615-620	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		421	R514	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	
346	Q621	TR	TZTA1273Y-	KTA1273Y(966Y)		422	R515	R CARBON FILM	RD-AZ682J-	1/6 6.8K OHM J	
347	Q626	TR	TZTA1273Y-	KTA1273Y(966Y)		423	R516	R CARBON FILM	RD-AZ153J-	1/6 15K OHM J	
348	Q627	TR	TZRC111M--	KRC111M		424	R517	R CARBON FILM	RD-AZ273J-	1/6 27K OHM J	
349	Q632-636	TR	TZRC111M--	KRC111M		425	R518	R CARBON FILM	RD-AZ562J-	1/6 5.6K OHM J	
350	Q801-802	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		426	R519-520	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
351	Q803	TR	TZRA111M--	KRA111M		427	R521	R CARBON FILM	RD-AZ154J-	1/6 150K OHM J	
352	Q804	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		428	R522-523	R CARBON FILM	RD-AZ562J-	1/6 5.6K OHM J	
353	Q805	TR	TZRA111M--	KRA111M		429	R524	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
354	Q901	TR	TZTA1274Y-	KTA1274Y-		430	R525	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
355	R002	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		431	R526	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	
356	R003	R CARBON FILM	RD-AZ151J-	1/6 150 OHM J		432	R527	R CARBON FILM	RD-AZ474J-	1/6 470K OHM J	
357	R004	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J		433	R528	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	
358	R005	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J		434	R529-530	R CARBON FILM	RD-AZ562J-	1/6 5.6K OHM J	
359	R006	R CARBON FILM	RD-AZ681J-	1/6 680 OHM J		435	R531	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
360	R007	R CARBON FILM	RD-AZ331J-	1/6 330 OHM J		436	R532	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J	
361	R008	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J		437	R533	R CARBON FILM	RD-AZ823J-	1/6 82K OHM J	
362	R101	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J		438	R534	R CARBON FILM	RD-AZ562J-	1/6 5.6K OHM J	
363	R103-105	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J		439	R535	R CARBON FILM	RD-AZ183J-	1/6 18K OHM J	
364	R106	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J		440	R536	R CARBON FILM	RD-AZ563J-	1/6 56K OHM J	
365	R107	R CARBON FILM	RD-AZ223J-	1/6 22K OHM J		441	R537	R CARBON FILM	RD-AZ273J-	1/6 27K OHM J	
366	R109	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J		442	R538	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J	
367	R201	R CARBON FILM	RD-AZ682J-	1/6 6.8K OHM J		443	R539	R CARBON FILM	RD-AZ184J-	1/6 180K OHM J	
368	R202	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J		444	R540	R CARBON FILM	RD-AZ153J-	1/6 15K OHM J	
369	R203	R CARBON FILM	RD-AZ822J-	1/6 8.2K OHM J		445	R541	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
370	R204	R CARBON FILM	RD-AZ562J-	1/6 5.6K OHM J		446	R542	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J	
371	R205-206	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		447	R543	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
372	R207	R CARBON FILM	RD-AZ121J-	1/6 120 OHM J		448	R544	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J	
373	R208	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J		449	R545-546	R CARBON FILM	RD-AZ273J-	1/6 27K OHM J	
374	R209	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J		450	R547	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J	
375	R210	R CARBON FILM	RD-AZ682J-	1/6 6.8K OHM J		451	R548	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J	
376	R211	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J		452	R549	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
377	R212-213	R CARBON FILM	RD-AZ182J-	1/6 1.8K OHM J		453	R550	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J	
378	R214-215	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J		454	R551-552	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
379	R216	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J		455	R553	R CARBON FILM	RD-AZ154J-	1/6 150K OHM J	
380	R217-218	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		456	R554	R CARBON FILM	RD-AZ105J-	1/6 1M OHM J	
381	R221	R CARBON FILM	RD-AZ563J-	1/6 56K OHM J		457	R555-556	R CARBON FILM	RD-2Y150J-	1/2 15 OHM J	
382	R251	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		458	R557	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
383	R252	R CARBON FILM	RD-AZ470J-	1/6 47 OHM J		459	R558	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
384	R253	R CARBON FILM	RD-AZ222J-	1/6 2.2K OHM J		460	R559	R CARBON FILM	RD-AZ822J-	1/6 8.2K OHM J	
385	R254	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		461	R560	R CARBON FILM	RD-AZ123J-	1/6 12K OHM J	
386	R255	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J		462	R561	R CARBON FILM	RD-AZ273J-	1/6 27K OHM J	
387	R256	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		463	R562-563	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J	
388	R257-258	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		464	R564	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
389	R259	R CARBON FILM	RD-AZ123J-	1/6 12K OHM J		465	R567	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
390	R260-263	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		466	R568	R CARBON FILM	RD-AZ221J-	1/6 220 OHM J	
391	R264-265	R CARBON FILM	RD-AZ222J-	1/6 2.2K OHM J		467	R569-570	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
392	R290	R CARBON FILM	RD-AZ105J-	1/6 1M OHM J		468	R571	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J	
393	R401-402	R CARBON FILM	RD-AZ822J-	1/6 8.2K OHM J		469	R572-573	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
394	R403-404	R CARBON FILM	RD-AZ153J-	1/6 15K OHM J		470	R574-579	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J	
395	R405-406	R CARBON FILM	RD-AZ392J-	1/6 3.9K OHM J		471	R580-581	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
396	R407-408	R CARBON FILM	RD-AZ682J-	1/6 6.8K OHM J		472	R582	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J	
397	R409-410	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		473	R601-604	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
398	R411-412	R CARBON FILM	RD-AZ153J-	1/6 15K OHM J		474	R605-606	R CARBON FILM	RD-AZ820J-	1/6 82 OHM J	
399	R413-414	R CARBON FILM	RD-AZ182J-	1/6 1.8K OHM J		475	R607-608	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J	
400	R415-416	R CARBON FILM	RD-AZ392J-	1/6 3.9K OHM J		476	R609-610	R CARBON FILM	RD-AZ682J-	1/6 6.8K OHM J	
401	R421-422	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J		477	R611-612	R CARBON FILM	RD-AZ272J-	1/6 2.7K OHM J	
402	R423-424	R CARBON FILM	RD-AZ104J-	1/6 1K OHM J		478	R613-614	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
403	R425-426	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J		479	R615-616	R CARBON FILM	RD-AZ223J-	1/6 22K OHM J	
404	R427-428	R CARBON FILM	RD-AZ562J-	1/6 5.6K OHM J		480	R617-618	R CARBON FILM	RD-AZ272J-	1/6 2.7K OHM J	
405	R431-432	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		481	R619-620	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
406	R433-434	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J		482	R621	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J	
407	R436-437	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J		483	R622	R CARBON FILM	RD-AZ105J-	1/6 1M OHM J	
408	R439-440	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J		484	R623	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J	
409	R441	R CARBON FILM	RD-AZ221J-	1/6 220 OHM J		485	R624	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
410	R442	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J		486	R625-626	R CARBON FILM	RD-AZ184J-	1/6 180K OHM J	
411	R443-444	R CARBON FILM	RD-AZ474J-	1/6 470K OHM J		487	R627-628	R CARBON FILM	RD-AZ151J-	1/6 150 OHM J	
412	R501	R CARBON FILM	RD-AZ124J-	1/6 120K OHM J		488	R629-630	R CARBON FILM	RD-AZ224J-	1/6 220K OHM J	
413	R502-505	R CARBON FILM	RD-AZ393J-	1/6 39K OHM J		489	R631-632	R CARBON FILM	RD-AZ563J-	1/6 56K OHM J	

Electrical Parts List

NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK	NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK
490	R633-634	R CARBON FILM	RD-AZ392J-	1/6 3.9K OHM J		7	CW708	CONN AS	9728802800	#26 3P FLAT 360MM P=2.5	
491	R635-636	R CARBON FILM	RD-AZ561J-	1/6 560 OHM J		8	D991-994	DIODE	DZN4001A--	1N4001A AUTO	
492	R637-638	R CARBON FILM	RD-AZ184J-	1/6 180K OHM J		9	D995	DIODE	DZN4148--	1N4148 AUTO 52MM	
493	R639-640	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J		10	D996	DIODE	DZN4001A--	1N4001A AUTO	
494	R641	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		11	F902	FUSE GLASS TUBE	5FSGB3112L	SEMKO TL 0.315A 250V MF51	
495	R643-644	R CARBON FILM	RD-AZ223J-	1/6 22K OHM J		12	FC903-904	CLIP FUSE	9734600700	FC-5N	
496	R645-648	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J		13	IC991	IC	1MC7805--	MC 7805 (KA7805)	
497	R649	R CARBON FILM	RD-AZ224J-	1/6 220K OHM J		14	JW994	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
498	R650	R CARBON FILM	RD-AZ334J-	1/6 330K OHM J		15	PT991	TRANS POWER	5TP8060788	EI=60 230V 50HZ	
499	R651	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		16	PT992	TRANS POWER	5TP8028829	EI=28X12 230V 50HZ	
500	R652	R CARBON FILM	RD-AZ479J-	1/6 4.7 OHM J		17	Q991	TR	TZRC107M--	KRC107M(AUTO)	
501	R653	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J		18	Q992	TR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
502	R654	R CARBON FILM	RD-AZ221J-	1/4 220 OHM J		19	R991	R METAL FILM	RN-2Y475J-	1/2 4.7M OHM J	
503	R655	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		20	R992	R CARBON FILM	RD-4Z100J-	1/4 10 OHM J	
504	R656	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J		21	R993	R CARBON FILM	RD-AZ223J-	1/6 22K OHM J	
505	R657	R CARBON FILM	RD-AZ470J-	1/6 47 OHM J		22	R994	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
506	R658	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J		23	RY991	SW RELAY	5SC2001A01	SDT-S-105LMR	
507	R659-560	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		24	TP991-992	PIN WRAPPING	9713550400	1.0X2.5X15	
508	R661	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J							
509	R662	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
510	R663	R CARBON FILM	RD-AZ331J-	1/6 330 OHM J							
511	R664	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J							
512	R665	R CARBON FILM	RD-AZ822J-	1/6 8.2K OHM J							
513	R667	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J							
514	R668	R CARBON FILM	RD-AZ561J-	1/6 560 OHM J							
515	R669	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
516	R670-671	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J							
517	R672	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J							
518	R673	R CARBON FILM	RD-AZ105J-	1/6 1M OHM J							
519	R674-675	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
520	R676	R CARBON FILM	RD-AZ105J-	1/6 1M OHM J							
521	R677	R CARBON FILM	RD-AZ822J-	1/6 8.2K OHM J							
522	R683	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
523	R684	R CARBON FILM	RD-AZ392J-	1/6 3.9K OHM J							
524	R685-686	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J							
525	R688	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J							
526	R694-695	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J							
527	R696	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J							
528	R699	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J							
529	R803-804	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J							
530	R805-806	R CARBON FILM	RD-AZ563J-	1/6 56K OHM J							
531	R807-808	R CARBON FILM	RD-AZ152J-	1/6 1.5K OHM J							
532	R809-812	R CARBON FILM	RD-4Z100J-	1/4 10 OHM J							
533	R813	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
534	R815-818	R CARBON FILM	RD-4Z102J-	1/4 1K OHM J							
535	R821	R CARBON FILM	RD-AZ154J-	1/6 150K OHM J							
536	R823	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J							
537	R824	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J							
538	R825	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
539	R827-830	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO							
540	R831-832	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J							
541	R910	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
542	R911	R CARBON FILM	RD-AZ223J-	1/6 22K OHM J							
543	R912-913	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
544	R914	R CARBON FILM	RD-AZ223J-	1/6 22K OHM J							
545	R915	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J							
546	R916	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
547	R921	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J							
548	R922	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J							
549	R923	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
550	R933-934	R CARBON FILM	RD-AZ221J-	1/6 220 OHM J							
551	R939-940	R CARBON FILM	RD-AZ109J-	1/6 1 OHM J							
552	RF901-902	R FUSIBLE	RF-2F478J-	1/2 0.47 OHM J							
553	RV601	R SEMI FIXED	RV1417222-	1/10 2.2K OHM B V6EK-PV1S							
554	TU001	TUNER PACK	9737613500	FTE4-401TC							
555	W600	CONN AS	9738834700	UL 1007 #26 1P 110MM							
556	W601	CONN AS	9738834700	UL 1007 #26 1P 110MM							
557	XC201	C DISCRIMINATOR	5P107MG86C	CDA10.7MG86N-C							
558	XC251	X-TAL	5XA7R20000	7.2M							
559	XC501	RESONATOR CERA	5PCSA16R93	CSALA16M9X55-A0 (16.93M)							
1	12000	PCB PT AS	9CDC055510	AMI-208MV							
2	B991	PCB PT	9CD6582000	98X123							
3	CC995	WIRE JUMPER	W581GY1005	AWG22 1/0.65 SN 10 AUTO							
4	CD991	CORD AC	9736900200	KKP419C,KLCE-2F,0.75SQURE							
5	CE991	C ELECTRO	CEXF1E222V	25V RSS 2200MF (16X25) TP							
6	CN991	CONN AS	9738833900	#22 8P BOARD-IN 350MM							