

DAEWOO

Service Manual

MINI COMPONENT SYSTEM

Model : XM-111/XM-113



DAEWOO ELECTRONICS CO., LTD.

MINI COMPONENT SYSTEM

XM-111/XM-113

Table of Contents

1. SAFETY PRECAUTIONS.....	2
2. ADJUSTMENTS.....	4
3. EXPLODED VIEW AND PARTS LIST	5
4. WIRING DIAGRAM	7
5. BLOCK DIAGRAM	8
6. SCHEMATIC DIAGRAM	9
6-1. AMP	9
6-2. TUNER.....	10
6-3. TAPE.....	11
6-4. CD	12
6-5. FRONT	13
7. PCB PATTERN LAYOUT	14
8. ELECTRICAL PART LIST	17
8-1. XM-111	17
8-2. XM-113	22

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

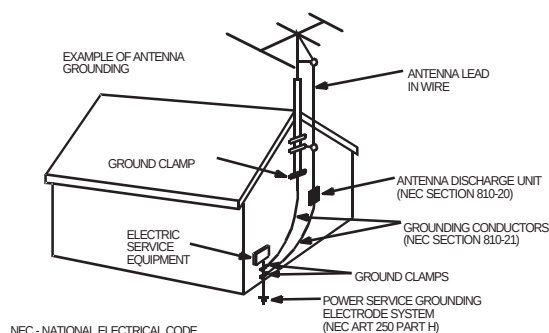


Figure 2

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.

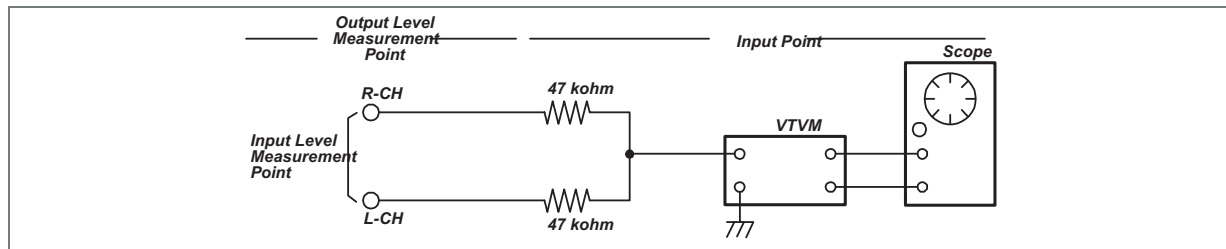
16. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

- 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	Speaker L/R Channel	Confirm Wow & Flutter is within 0.35%	FIG.1
			3,000~3,010Hz	MTT-111N	RV601	Speaker L/R Channel	Confirm Tape Speed of end position after adjustment at tape start position	FIG.1
2	Azimuth Adjustment		Maximum Level Phase:Within90°	MTT-114N	Head Screw	Speaker 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

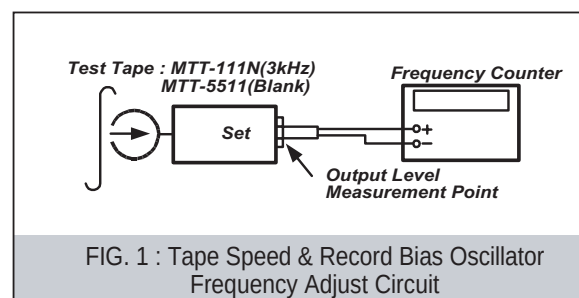


FIG. 1 : Tape Speed & Record Bias Oscillator Frequency Adjust Circuit

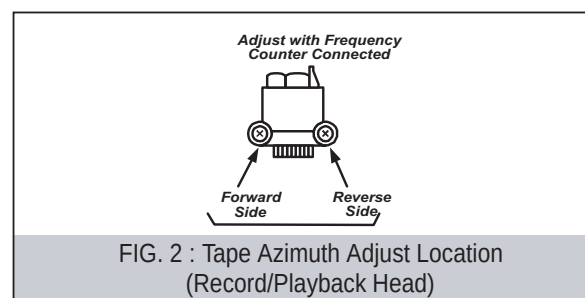


FIG. 2 : Tape Azimuth Adjust Location (Record/Playback Head)

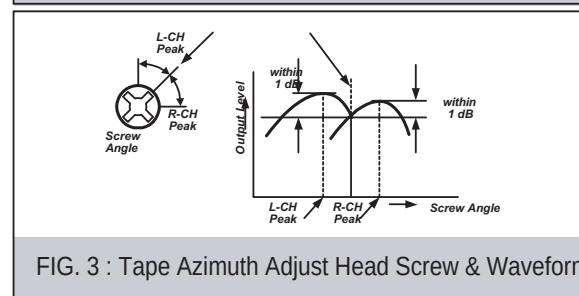


FIG. 3 : Tape Azimuth Adjust Head Screw & Waveform

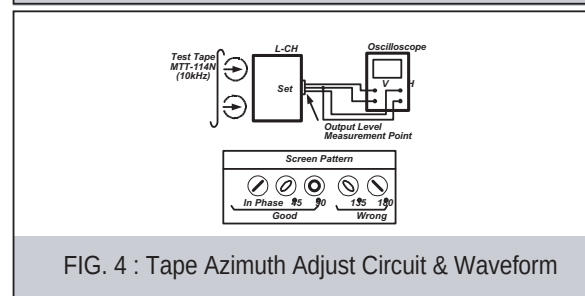
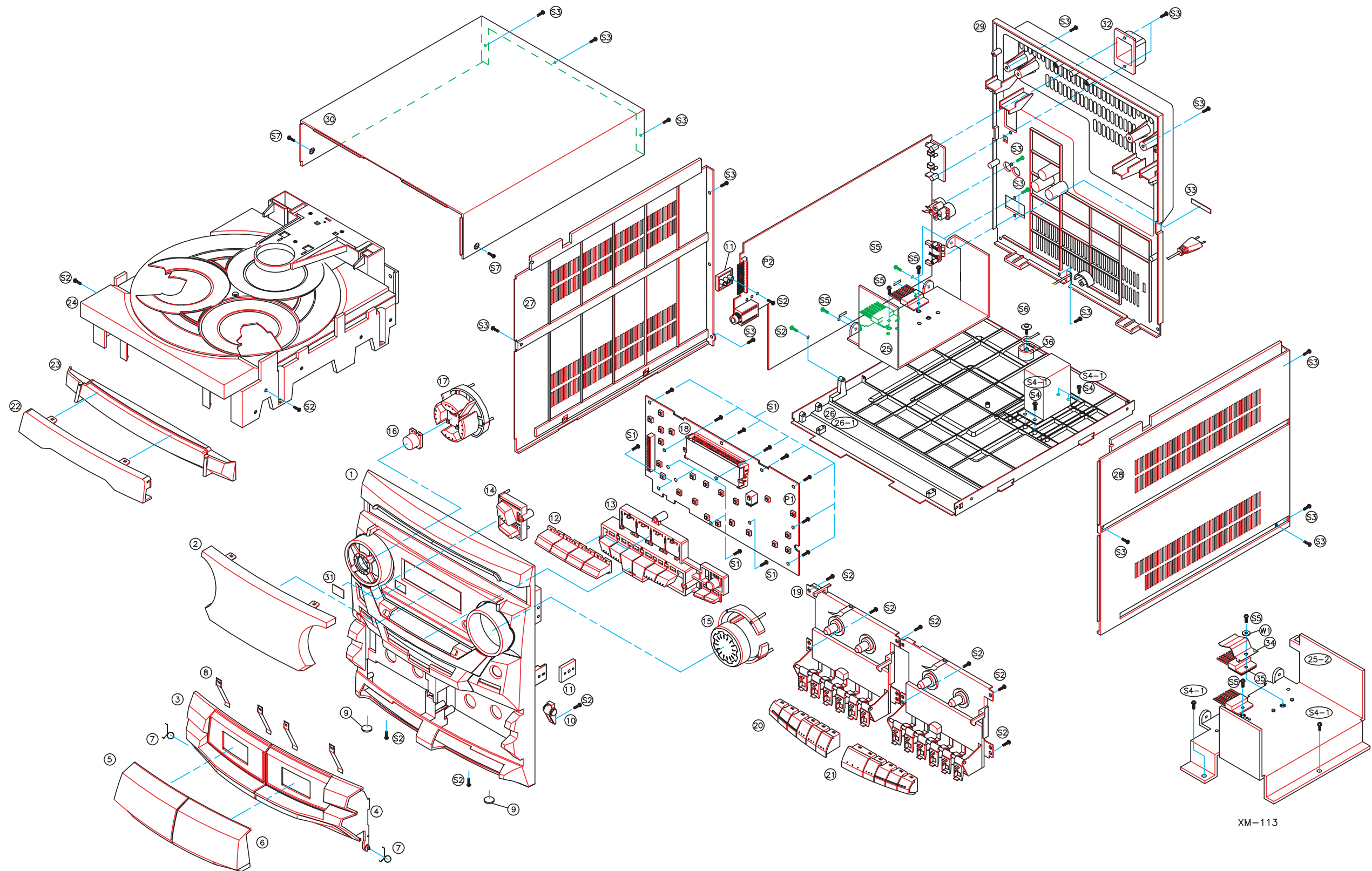


FIG. 4 : Tape Azimuth Adjust Circuit & Waveform

Exploded View and Mechanical Parts List

Model : XM-111/ XM-113



XM-113

Exploded View and Mechanical Parts List

Model : XM-111/XM-113

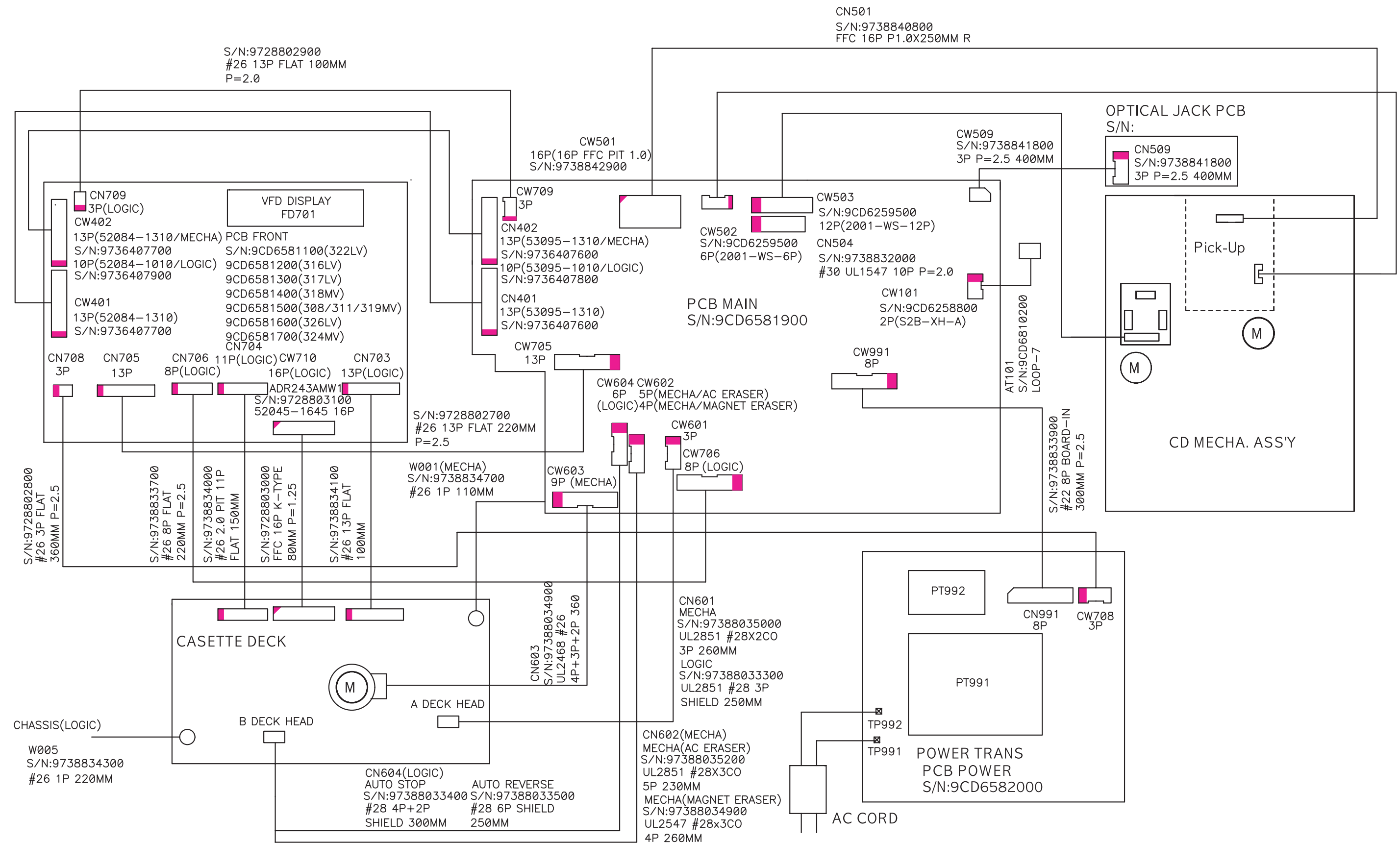
NO	PARTS	PARTS CODE	DESCRIPTION	Q'ty	REMARK
1	PANEL FRONT	9CD0308300	MIPS	1	
2	WINDOW FLT	9CD1617000	ACRYL	1	
3	DOOR CASS A	9CD18119A0	MIPS	1	
4	DOOR CASS B	9CD18119B0	MIPS	1	
5	WINDOW DOOR A	9CD16163A0	ACRYL	1	
6	WINDOW DOOR B	9CD16163B0	ACRYL	1	
7	SPRING DOOR EJECT	9CD3004500	PW-1	2	
8	SPRING C HOLDER	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		

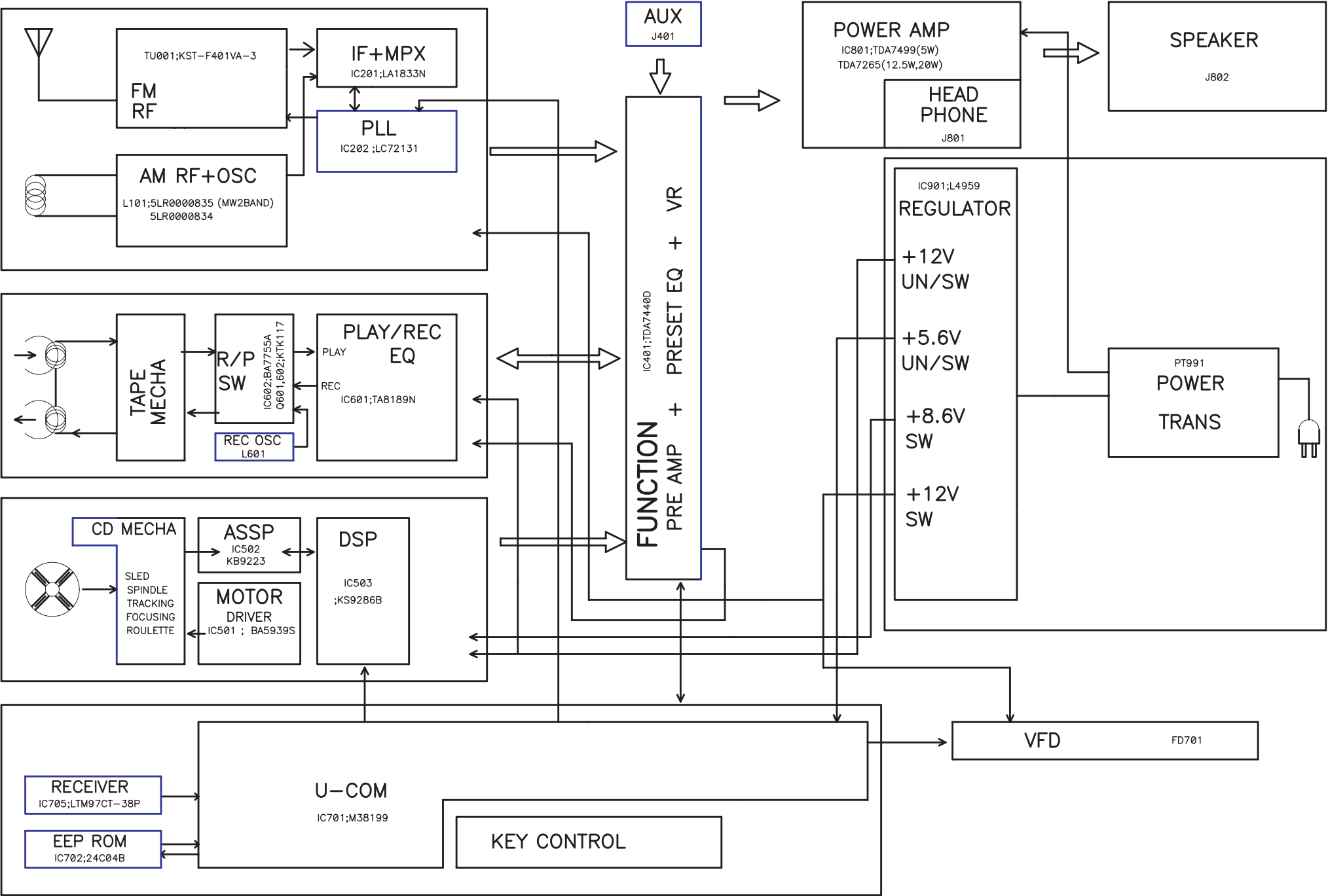
Wiring Diagram

Model : XM-111/XM-113



Block Diagram

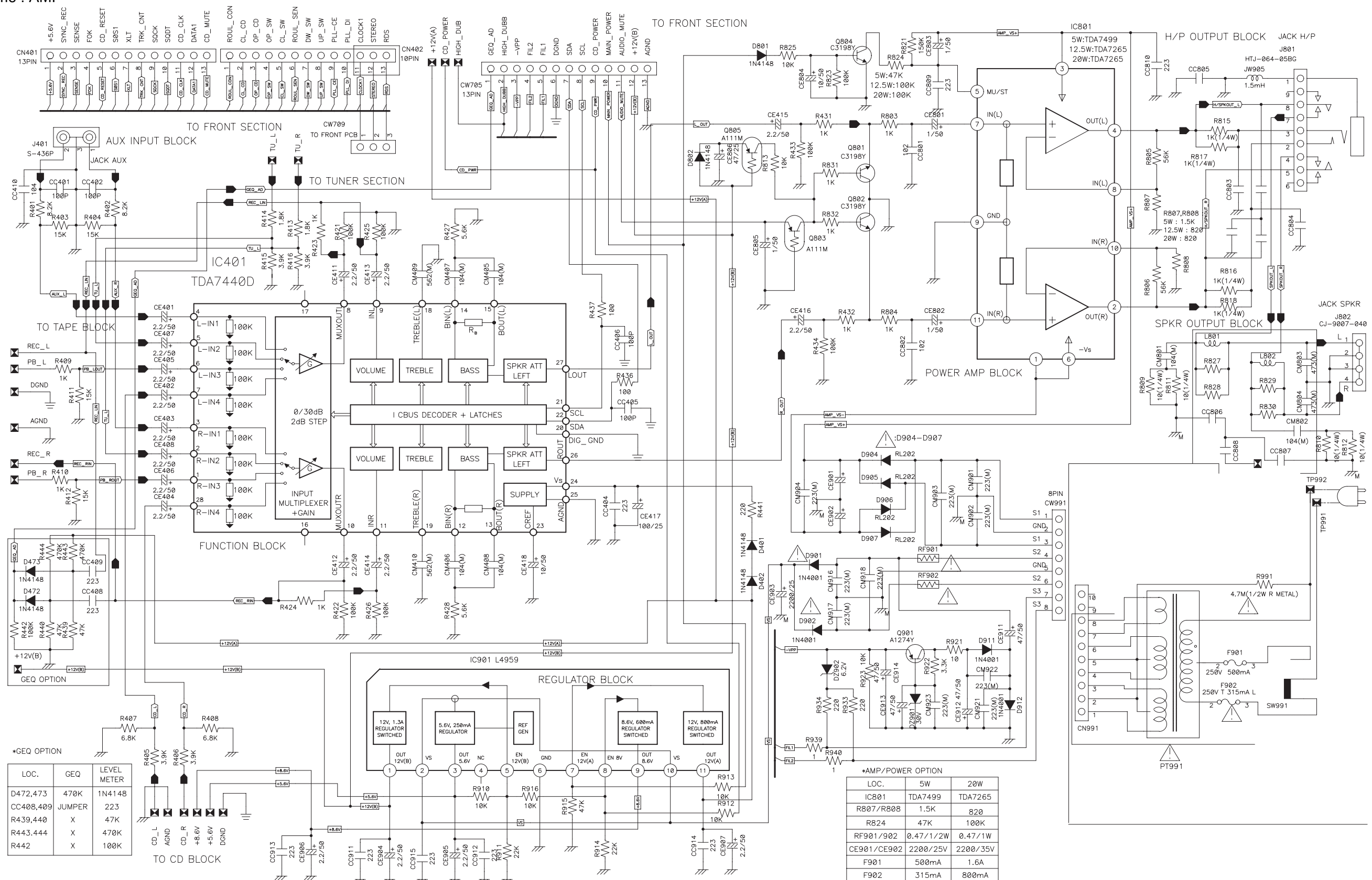
Model : XM-111/XM-113



Schematic Diagram

Model : XM-111/XM-113

AssÕy 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

Model : XM-111/XM-113
Ass'y Name : TUNER

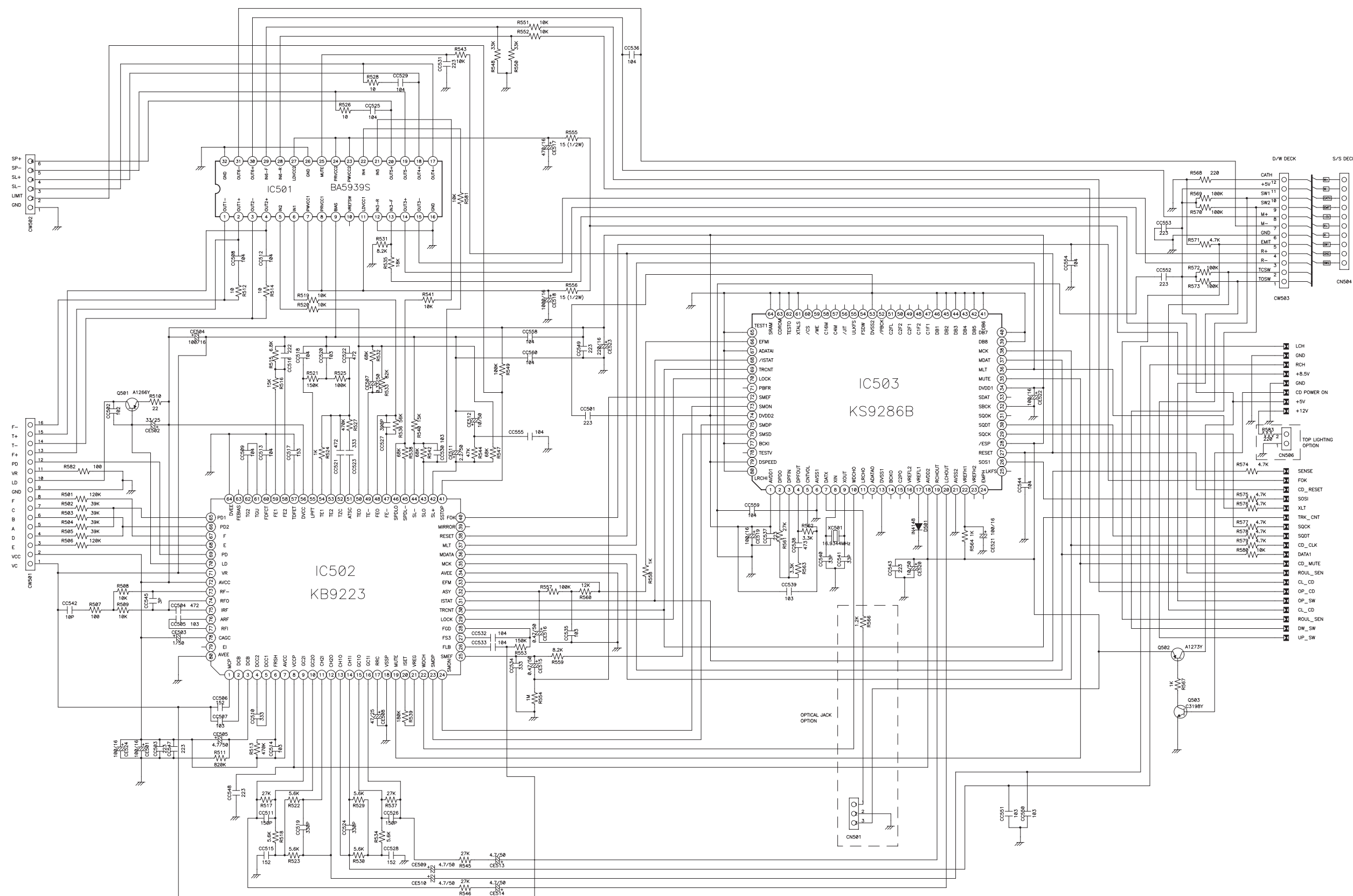


Model : XM-111/XM-113
Ass'y Name : TAPE



Schematic Diagram

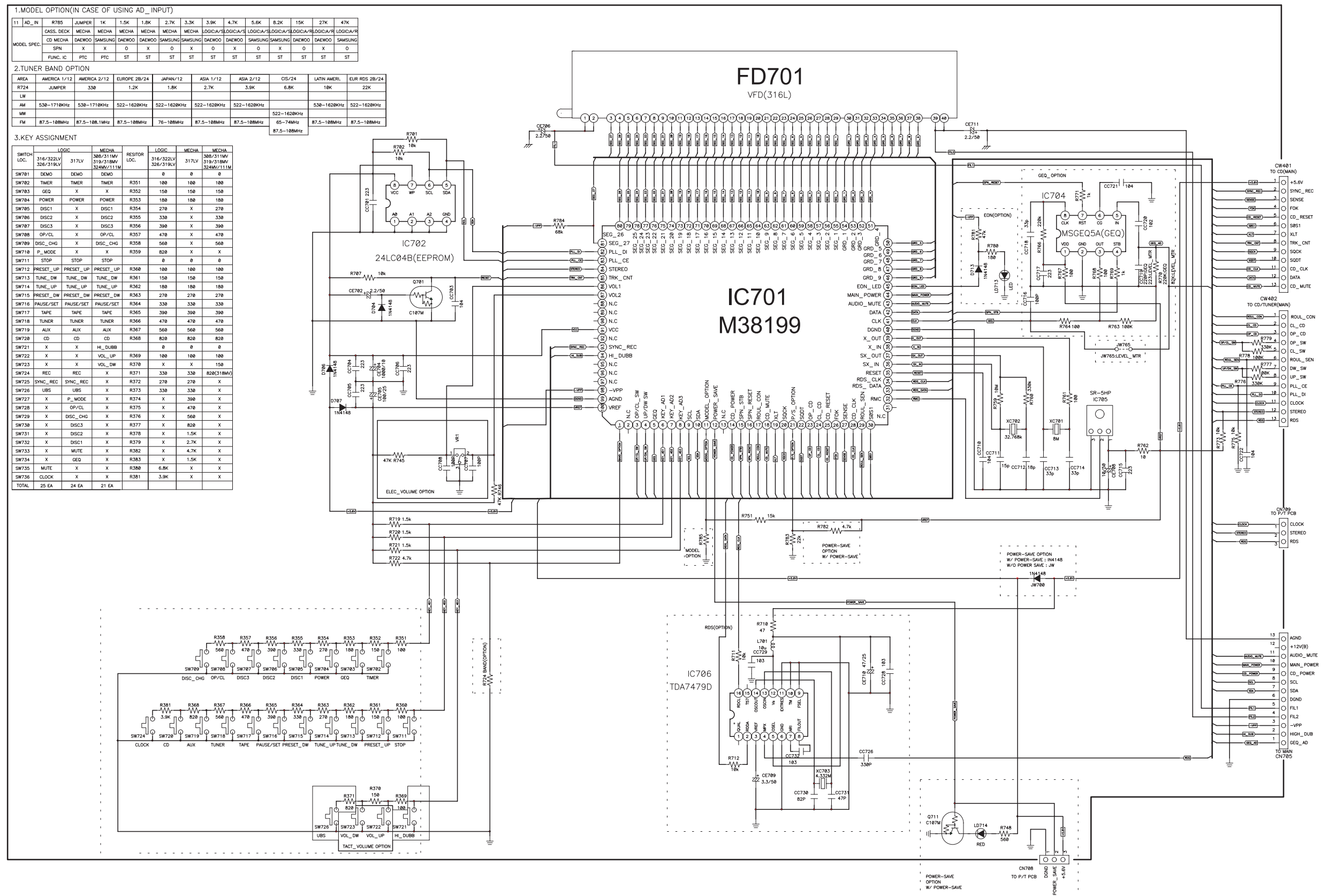
Model : XM-111/XM-113
Ass'y Name : CD



Schematic Diagram

Model : XM-111/XM-113

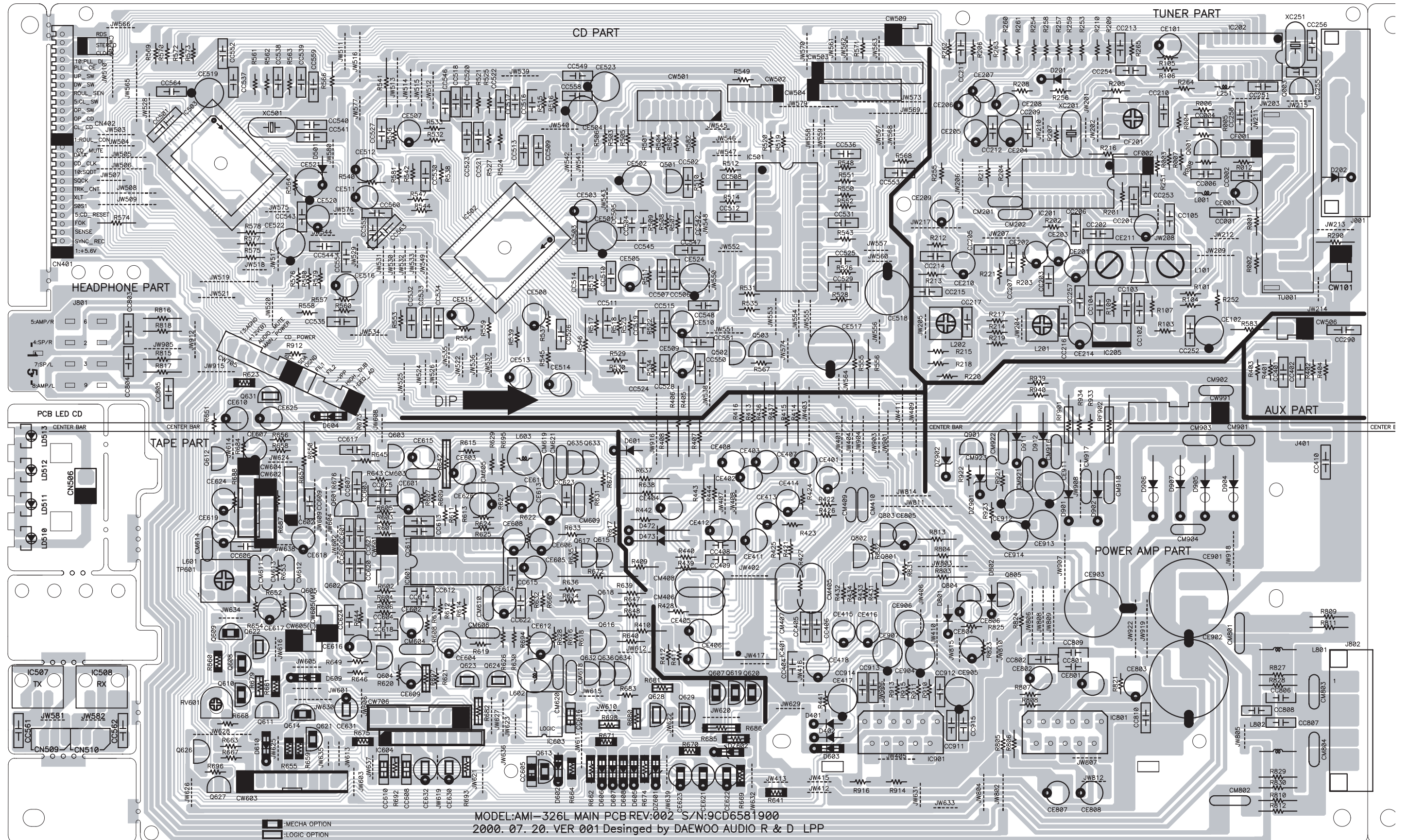
Ass'y Name : FRONT



P.C.B Pattern Layout

Model : XM-111/XM-113

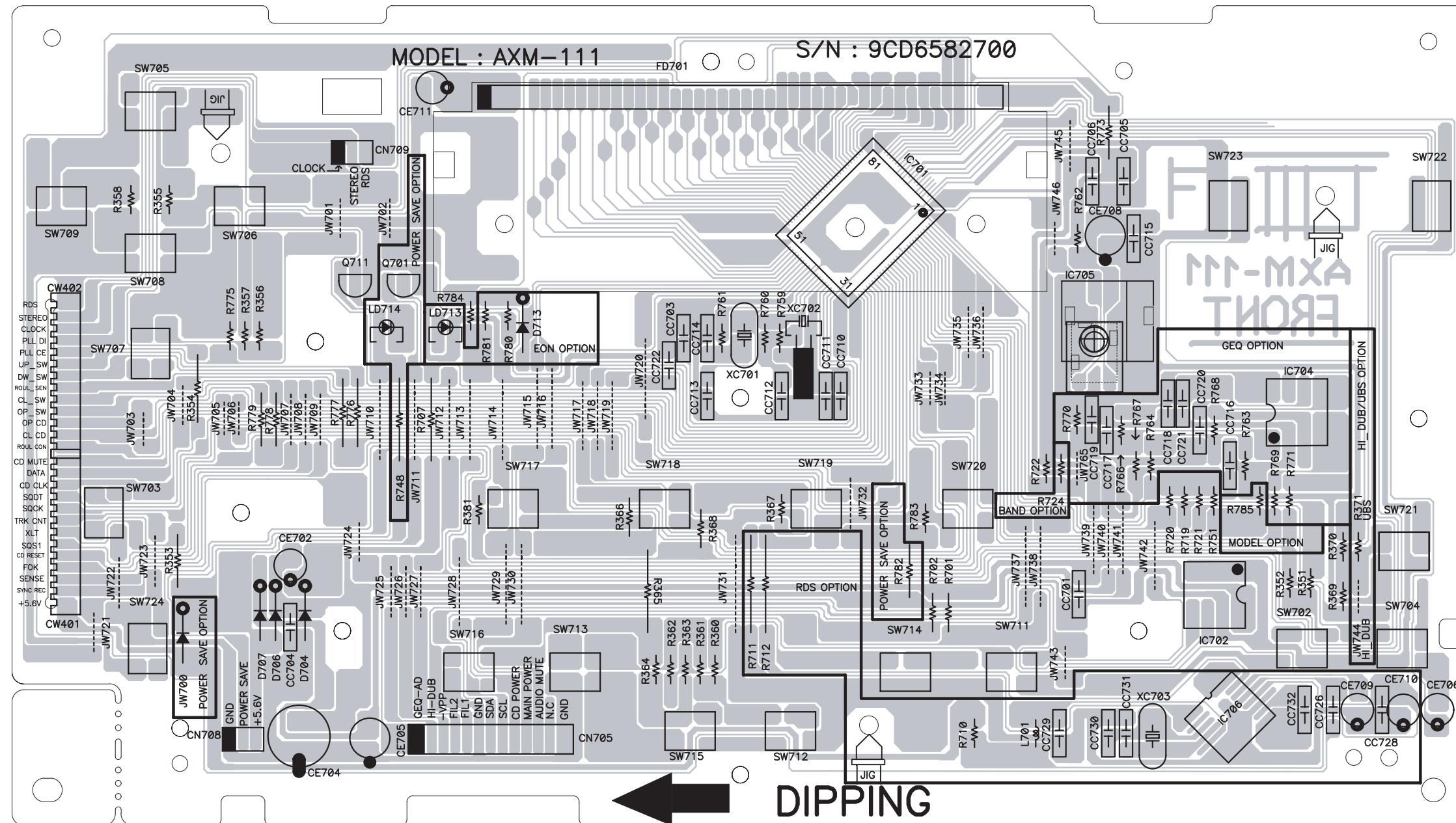
Ass'y Name : Main P.C.B



P.C.B Pattern Layout

Model : XM-111/XM-113

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



Model : XM-111/XM-113
Ass'y Name : P/T P.C.B

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



Electrical Parts List

MODEL : XM-111

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
1	PCB MAIN AS	10000	9CDC054940	AMI-V225M		65	C CERA	CC538	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)	
2	PCB MAIN	B001	9CD6581900-04	330X197X1.6T		66	C CERA	CC539	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
3	C CERA	CC001	CCFB1H102K	HIKB 50V 1000PF K (FORMING)		67	C CERA	CC540~541	CFSL1H330J	SL 50V 33PF J (FORMING)	
4	C CERA	CC002	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		68	C CERA	CC542	CFCH1H309C	CH 50V 3PF C (FORMING)	
5	C CERA	CC004	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		69	C CERA	CC543	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
6	C CERA	CC006	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		70	C CERA	CC544	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
7	C CERA	CC102	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		71	C CERA	CC545	CFCH1H309C	CH 50V 3PF C (FORMING)	
8	C CERA	CC103	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		72	C CERA	CC547~549	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
9	C CERA	CC104	CFSL1H150J	SL 50V 15PF J (FORMING)		73	C CERA	CC553	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
10	C CERA	CC105	CFSL1H820J	SL 50V 82PF J (FORMING)		74	C CERA	CC554	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
11	C CERA	CC201~202	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)		75	C CERA	CC555	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
12	C CERA	CC203	CCFB1H821K	HIKB 50V 820PF K (FORMING)		76	C CERA	CC558~560	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
13	C CERA	CC205	CCFB1H472K	HIKB 50V 4700PF K (FORMING)		77	C CERA	CC601~602	CCFB1H821K	HIKB 50V 820PF K (FORMING)	
14	C CERA	CC206	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)		78	C CERA	CC605	CCFB1H331K	HIKB 50V 330PF K (FORMING)	
15	C CERA	CC207	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		79	C CERA	CC607	CCFB1H102K	HIKB 50V 1000PF K (FORMING)	
16	C CERA	CC209	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)		80	C CERA	CC611~614	CCFB1H391K	HIKB 50V 390PF K (FORMING)	
17	C CERA	CC210~213	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		81	C CERA	CC615	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
18	C CERA	CC214~215	CCFB1H562K	HIKB 50V 5600PF K (FORMING)		82	C CERA	CC617~618	CCFB1H471K	HIKB 50V 470PF K (FORMING)	
19	C CERA	CC251	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		83	C CERA	CC620~621	CCFB1H821K	HIKB 50V 820PF K (FORMING)	
20	C CERA	CC252	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		84	C MYLAR	CC622~623	CMXM2A122J	100V 1200PF J	
21	C CERA	CC253~254	CCFB1H102K	HIKB 50V 1000PF K (FORMING)		85	C MYLAR	CC624~625	CMXM2A102J	100V 1000PF J	
22	C CERA	CC255	CFSL1H360J	SL 50V 36PF J (FORMING)		86	C CERA	CC801~802	CCFB1H102K	HIKB 50V 1000PF K (FORMING)	
23	C CERA	CC256	CFSL1H330J	SL 50V 33PF J (FORMING)		87	C CERA	CC803~804	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
24	C CERA	CC257	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)		88	C CERA	CC806~808	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
25	C CERA	CC258	CCFB1H102K	HIKB 50V 1000PF K (FORMING)		89	C CERA	CC809~810	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
26	C CERA	CC259	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)		90	C CERA	CC911~915	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
27	C CERA	CC290	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		91	C ELECTRO	CE001	CEXF1E470V	25V RSS 47MF (5X11) TP	
28	C CERA	CC401~402	CCFB1H101K	HIKB 50V 100PF K (FORMING)		92	C ELECTRO	CE101	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
29	C CERA	CC404	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)		93	C ELECTRO	CE102	CEXF1E221V	25V RSS 220MF (8X11.5) TP	
30	C CERA	CC405~406	CCFB1H101K	HIKB 50V 100PF K (FORMING)		94	C ELECTRO	CE201	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
31	C CERA	CC408~409	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)		95	C ELECTRO	CE202	CEXF1H100V	50V RSS 10MF (5X11) TP	
32	C CERA	CC410	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		96	C ELECTRO	CE203	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
33	C CERA	CC501	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)		97	C ELECTRO	CE204	CEXF1E330V	25V RSS 33MF (5X11) TP	
34	C CERA	CC502	CCFB1H102K	HIKB 50V 1000PF K (FORMING)		98	C ELECTRO	CE206	CEXF1H109V	50V RSS 1MF (5X11) TP	
35	C CERA	CC503	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)		99	C ELECTRO	CE207	CEXF1H478V	50V RSS 0.47MF (5X11) TP	
36	C CERA	CC504	CCFB1H472K	HIKB 50V 4700PF K (FORMING)		100	C ELECTRO	CE208~210	CEXF1H109V	50V RSS 1MF (5X11) TP	
37	C CERA	CC505	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)		101	C ELECTRO	CE211	CEXF1H339V	50V RSS 3.3MF (5X11) TP	
38	C CERA	CC506	CCFB1H152K	HIKB 50V 1500PF K (FORMING)		102	C ELECTRO	CE214	CEXF1E470V	25V RSS 47MF (5X11) TP	
39	C CERA	CC507	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)		103	C ELECTRO	CE401~408	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
40	C CERA	CC508~509	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		104	C ELECTRO	CE411~416	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
41	C CERA	CC510	CCFF1H333Z	HIKF 50V 0.033MF Z (FORMING)		105	C ELECTRO	CE417	CEXF1E221V	25V RSS 220MF (8X11.5) TP	
42	C CERA	CC511	CCFB1H151K	HIKB 50V 150PF K (FORMING)		106	C ELECTRO	CE418	CEXF1H100V	50V RSS 10MF (5X11) TP	
43	C CERA	CC512~513	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		107	C ELECTRO	CE501	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
44	C CERA	CC514	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)		108	C ELECTRO	CE502	CEXF1E330V	25V RSS 33MF (5X11) TP	
45	C CERA	CC515	CCFB1H152K	HIKB 50V 1500PF K (FORMING)		109	C ELECTRO	CE503	CEXF1H109V	50V RSS 1MF (5X11) TP	
46	C CERA	CC516	CCFB1H222K	HIKB 50V 2200PF K (FORMING)		110	C ELECTRO	CE504	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
47	C CERA	CC517	CCFF1H153Z	HIKF 50V 0.015MF Z (FORMING)		111	C ELECTRO	CE505	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
48	C CERA	CC518	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		112	C ELECTRO	CE507	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
49	C CERA	CC519	CCFB1H331K	HIKB 50V 330PF K (FORMING)		113	C ELECTRO	CE508	CEXF1E470V	25V RSS 47MF (5X11) TP	
50	C CERA	CC520	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)		114	C ELECTRO	CE509~510	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
51	C CERA	CC521~522	CCFB1H472K	HIKB 50V 4700PF K (FORMING)		115	C ELECTRO	CE511	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
52	C CERA	CC523	CCFF1H333Z	HIKF 50V 0.033MF Z (FORMING)		116	C ELECTRO	CE512	CEXF1H100V	50V RSS 10MF (5X11) TP	
53	C CERA	CC524	CCFB1H331K	HIKB 50V 330PF K (FORMING)		117	C ELECTRO	CE513~514	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
54	C CERA	CC525	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		118	C ELECTRO	CE515~516	CEXF1H478V	50V RSS 0.47MF (5X11) TP	
55	C CERA	CC526	CCFB1H151K	HIKB 50V 150PF K (FORMING)		119	C ELECTRO	CE517	CEXF1C471V	16V RSS 470MF 10X12.5	
56	C CERA	CC527	CFSL1H330J	SL 50V 33PF J (FORMING)		120	C ELECTRO	CE518	CEXF1C102V	16V RSS 1000MF (10X20)	
57	C CERA	CC528	CCFB1H152K	HIKB 50V 1500PF K (FORMING)		121	C ELECTRO	CE519	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
58	C CERA	CC529	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		122	C ELECTRO	CE520	CEXF1H100V	50V RSS 10MF (5X11) TP	
59	C CERA	CC530	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)		123	C ELECTRO	CE521~522	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
60	C CERA	CC531	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)		124	C ELECTRO	CE523	CEXF1C221V	16V RSS 220MF (8X11.5) TP	
61	C CERA	CC532~533	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		125	C ELECTRO	CE524	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
62	C CERA	CC534	CCFF1H333Z	HIKF 50V 0.033MF Z (FORMING)		126	C ELECTRO	CE601~602	CEXF1E470V	25V RSS 47MF (5X11) TP	
63	C CERA	CC535	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)		127	C ELECTRO	CE603~604	CEXF1H100V	50V RSS 10MF (5X11) TP	
64	C CERA	CC536	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)		128	C ELECTRO	CE605	CEXF1E470V	25V RSS 47MF (5X11) TP	

Electrical Parts List

MODEL : XM-111

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
129	C ELECTRO	CE606	CEXF1H229V	50V RSS 2.2MF (5X11) TP		193	IC	IC202	1LC72131D-	LC72131D	
130	C ELECTRO	CE608	CEXF1E470V	25V RSS 47MF (5X11) TP		194	IC REGULATOR	IC205	1KA78L05AZ	KA78L05AZ	
131	C ELECTRO	CE609	CEXF1H339V	50V RSS 3.3MF (5X11) TP		195	IC	IC401	1TDA7440D-	TDA7440D	
132	C ELECTRO	CE610	CEXF1H100V	50V RSS 10MF (5X11) TP		196	IC MOTOR DRIVE	IC501	1BA5939S-	BA5939S	
133	C ELECTRO	CE611-612	CEXF1E470V	25V RSS 47MF (5X11) TP		197	IC CHIP RF	IC502	1KB9223---	KB9223 RF+SSP+AF	
134	C ELECTRO	CE613-614	CEXF1H100V	50V RSS 10MF (5X11) TP		198	IC CHIP DSP	IC503	1KS9286B-	KS9286B DSP+DAC	
135	C ELECTRO	CE615-616	CEXF1H109V	50V RSS 1MF (5X11) TP		199	IC	IC601	1TA8189N-	TA8189N	
136	C ELECTRO	CE617-618	CEXF1E470V	25V RSS 47MF (5X11) TP		200	IC SWITCHING	IC602	1BA7755A-	BA7755A (HEAD SW)	
137	C ELECTRO	CE619	CEXF1H229V	50V RSS 2.2MF (5X11) TP		201	IC	IC801	1TDA7499-	TDA7499	
138	C ELECTRO	CE621-623	CEXF1E470V	25V RSS 47MF (5X11) TP		202	IC	IC901	1L4959----	L4959	
139	C ELECTRO	CE624	CEXF1H229V	50V RSS 2.2MF (5X11) TP		203	COIL BEAD	JW404	5LX159P829	1.5UH MIN	
140	C ELECTRO	CE626	CEXF1E470V	25V RSS 47MF (5X11) TP		204	DIODE	JW411	DZN4148----	IN4148 AUTO 52MM	
141	C ELECTRO	CE627	CEXF1E330V	25V RSS 33MF (5X11) TP		205	R CARBON FILM	JW507	RD-AZ102J-	1/6 1K OHM J	
142	C ELECTRO	CE801-803	CEXF1H109V	50V RSS 1MF (5X11) TP		206	COIL BEAD	JW539	5LX159P829	1.5UH MIN	
143	C ELECTRO	CE804-805	CEXF1H100V	50V RSS 10MF (5X11) TP		207	COIL BEAD	JW551	5LX159P829	1.5UH MIN	
144	C ELECTRO	CE806	CEXF1E470V	25V RSS 47MF (5X11) TP		208	JACK ANT	J001	9736322201	PAT-646	
145	C ELECTRO	CE901-903	CEXF1E222V	25V RSS 2200MF (16X25) TP		209	JACK RCA	J401	9CDB313700	S-436P	
146	C ELECTRO	CE904-907	CEXF1H229V	50V RSS 2.2MF (5X11) TP		210	JACK HEADPHONE	J801	9766319501	HTJ-064-05B GOLD	
147	C ELECTRO	CE911-914	CEXF1H470V	50V RSS 47MF (6.3X11) TP		211	JACK SPEAKER	J802	9736320500	CJ-9007-040	
148	FILTER CERA	CF001-002	5PE107MS3A	SFELA10M7HA00-B0		212	COIL PEAKING	L001	5CPZ100K02	10UH K (AXIAL 3.5MM)	
149	FILTER	CF201	5PPCFAZ077	PCFAZ077		213	AM RF UNIT	L101	5LR0000835	KSNT 213M-1	
150	C MYLAR	CM201-202	CMXM2A223J	100V 0.022MF J		214	COIL PEAKING	L251	5CPZ100K02	10UH K (AXIAL 3.5MM)	
151	C MYLAR	CM405-408	CMXM2A104J	100V 0.1MF J		215	COIL BIAS OSC	L601	5L0503K643	SM-10F 5.04MH	
152	C MYLAR	CM409-410	CMXM2A562J	100V 5600PF J		216	TR	Q001	TZTC3194Y-	KTC3194Y	
153	C MYLAR	CM603-604	CMXM2A223J	100V 0.022MF J		217	TR	Q003	TZRA107M-	KRA107M (KSR2006)	
154	C MYLAR	CM605-606	CMXM2A102J	100V 0.001MF J		218	TR	Q501	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)	
155	C MYLAR	CM609-610	CMXM2A153J	100V 0.015MF J		219	TR	Q502	TZTA1273Y-	KTA1273Y(966Y)	
156	C MYLAR	CM611	CMXM2A223J	100V 0.022MF J		220	TR	Q503	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
157	C MYLAR	CM612	CMXM2A332J	100V 3300PF J		221	FET	Q601-602	TKTK117Y--	KTK117(Y)	
158	C MYLAR	CM613	CMXM2A153J	100V 0.015MF J		222	TR	Q603-604	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)	
159	C MYLAR	CM614	CMXM2A223J	100V 2200PF J		223	TR	Q605	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
160	C MYLAR	CM801-802	CMXM2A104J	100V 0.1MF J		224	TR	Q607	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
161	C MYLAR	CM803-804	CMXM2A473J	100V 0.047MF J		225	TR	Q612	TZRC111M-	KRC111M	
162	C MYLAR	CM901-904	CMXM2A223J	100V 0.022MF J		226	TR	Q613	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
163	C MYLAR	CM916-918	CMXM2A223J	100V 0.022MF J		227	TR	Q614	TZRC107M-	KRC107-M TAPPING(KSR1006)	
164	C MYLAR	CM921-923	CMXM2A223J	100V 0.022MF J		228	TR	Q615-620	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
165	CONN PIN	CN401	9736407600	53095-1310 13PIN BASE		229	TR	Q621	TZTA1273Y-	KTA1273Y(966Y)	
166	CONN PIN	CN402	9736407600	53095-1310 13PIN BASE		230	TR	Q626	TZTA1273Y-	KTA1273Y(966Y)	
167	CONN AS	CN603	9738834900	UL 2468 #26 4P+3P+2P 300MM		231	TR	Q627	TZRC111M-	KRC111M	
168	WAFER	CW101	2503-WR-02	2P S2B-XH-A		232	TR	Q801-802	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
169	WAFER	CW501	9738842900	16P FFC PIT1.0		233	TR	Q803	TZRA111M-	KRA111M	
170	WAFER	CW502	2001-WS-06	6P 2.0MM		234	TR	Q804	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
171	WAFER	CW503	2001-WS-12	12P 2.0MM		235	TR	Q805	TZRA111M-	KRA111M	
172	WAFER	CW601	2503-WS-03	3P 2.5MM		236	TR	Q901	TZTA1274Y-	KTA1274Y-	
173	WAFER	CW602	2503-WS-05	5P 2.5MM		237	R FUSIBLE	RF901-902	RF-2F478J-	1/2W 0.47 OHM J	
174	WAFER	CW603	2503-WS-09	9P 2.5MM		238	R SEMI FIXED	RV601	RV1417222-	1/10 2.2K OHM B V6EK-PV1S	
175	WAFER	CW605	2503-WS-02	2P 2.5MM		239	WIRE JUMPER	R002	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
176	WAFER	CW705	2503-WS-13	13P 2.5MM		240	R CARBON FILM	R003	RD-AZ470J-	1/6 47 OHM J	
177	WAFER	CW991	2503-WS-08	8P 2.5MM		241	R CARBON FILM	R004	RD-AZ100J-	1/6 10 OHM J	
178	DIODE ZENER	DZ601-602	DZT26R2B--	MTZ6.2B		242	R CARBON FILM	R005	RD-AZ332J-	1/6 3.3K OHM J	
179	DIODE ZENER	DZ901	DZT230B---	MTZ30B		243	R CARBON FILM	R006	RD-AZ681J-	1/6 680 OHM J	
180	DIODE ZENER	DZ902	DZT26R2B--	MTZ6.2B		244	R CARBON FILM	R007	RD-AZ331J-	1/6 330 OHM J	
181	DIODE	D201	DZN4148---	IN4148 AUTO 52MM		245	R CARBON FILM	R008	RD-AZ101J-	1/6 100 OHM J	
182	DIODE	D401-402	DZN4148---	IN4148 AUTO 52MM		246	R CARBON FILM	R101	RD-AZ472J-	1/6 4.7K OHM J	
183	DIODE	D472-473	DZN4148---	IN4148 AUTO 52MM		247	R CARBON FILM	R103-105	RD-AZ472J-	1/6 4.7K OHM J	
184	DIODE	D501	DZN4148---	IN4148 AUTO 52MM		248	R CARBON FILM	R106	RD-AZ332J-	1/6 3.3K OHM J	
185	DIODE	D601-603	DZN4148---	IN4148 AUTO 52MM		249	R CARBON FILM	R107	RD-AZ223J-	1/6 22K OHM J	
186	DIODE	D605-608	DZN4148---	IN4148 AUTO 52MM		250	R CARBON FILM	R109	RD-AZ104J-	1/6 100K OHM J	
187	DIODE	D610	DZN4148---	IN4148 AUTO 52MM		251	R CARBON FILM	R201	RD-AZ682J-	1/6 6.8K OHM J	
188	DIODE	D801-802	DZN4148---	IN4148 AUTO 52MM		252	R CARBON FILM	R202	RD-AZ473J-	1/6 47K OHM J	
189	DIODE	D901-902	DIN4001---	IN4001		253	R CARBON FILM	R203	RD-AZ822J-	1/6 8.2K OHM J	
190	DIODE	D904-907	DRL202----	RL202		254	R CARBON FILM	R204A	RD-AZ123J-	1/6 12K OHM J	
191	DIODE	D911-912	DIN4001---	IN4001		255	R CARBON FILM	R204B	RD-AZ183J-	1/6 18K OHM J	
192	IC	IC201	1LA1833N--	LA1833N		256	R CARBON FILM	R205-206	RD-AZ102J-	1/6 1K OHM J	

Electrical Parts List

MODEL : XM-111

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
257	R CARBON FILM	R207	RD-AZ121J-	1/6 120 OHM J		321	R CARBON FILM	R532	RD-AZ333J-	1/6 33K OHM J	
258	R CARBON FILM	R208	RD-AZ332J-	1/6 3.3K OHM J		322	R CARBON FILM	R533	RD-AZ104J-	1/6 100K OHM J	
259	R CARBON FILM	R209	RD-AZ472J-	1/6 4.7K OHM J		323	R CARBON FILM	R534	RD-AZ562J-	1/6 5.6K OHM J	
260	R CARBON FILM	R210	RD-AZ682J-	1/6 6.8K OHM J		324	R CARBON FILM	R535	RD-AZ183J-	1/6 18K OHM J	
261	R CARBON FILM	R211	RD-AZ100J-	1/6 10 OHM J		325	R CARBON FILM	R536	RD-AZ683J-	1/6 68K OHM J	
262	R CARBON FILM	R212-213	RD-AZ182J-	1/6 1.8K OHM J		326	R CARBON FILM	R537	RD-AZ273J-	1/6 27K OHM J	
263	R CARBON FILM	R216	RD-AZ473J-	1/6 47K OHM J		327	R CARBON FILM	R538	RD-AZ683J-	1/6 68K OHM J	
264	R CARBON FILM	R217-218	RD-AZ822J-	1/6 8.2K OHM J		328	R CARBON FILM	R539	RD-AZ184J-	1/6 180K OHM J	
265	R CARBON FILM	R219-220	RD-AZ223J-	1/6 22K OHM J		329	R CARBON FILM	R540	RD-AZ153J-	1/6 15K OHM J	
266	R CARBON FILM	R221	RD-AZ563J-	1/6 56K OHM J		330	R CARBON FILM	R541	RD-AZ103J-	1/6 10K OHM J	
267	R CARBON FILM	R251	RD-AZ102J-	1/6 1K OHM J		331	R CARBON FILM	R542	RD-AZ683J-	1/6 68K OHM J	
268	R CARBON FILM	R252	RD-AZ470J-	1/6 47 OHM J		332	R CARBON FILM	R543	RD-AZ103J-	1/6 10K OHM J	
269	R CARBON FILM	R253	RD-AZ222J-	1/6 2.2K OHM J		333	R CARBON FILM	R544	RD-AZ473J-	1/6 47K OHM J	
270	R CARBON FILM	R254	RD-AZ103J-	1/6 10K OHM J		334	R CARBON FILM	R545-546	RD-AZ273J-	1/6 27K OHM J	
271	R CARBON FILM	R255	RD-AZ100J-	1/6 10 OHM J		335	R CARBON FILM	R547	RD-AZ683J-	1/6 68K OHM J	
272	R CARBON FILM	R256	RD-AZ102J-	1/6 1K OHM J		336	R CARBON FILM	R548	RD-AZ333J-	1/6 33K OHM J	
273	R CARBON FILM	R257-258	RD-AZ103J-	1/6 10K OHM J		337	R CARBON FILM	R549	RD-AZ104J-	1/6 100K OHM J	
274	R CARBON FILM	R259	RD-AZ123J-	1/6 12K OHM J		338	R CARBON FILM	R550	RD-AZ333J-	1/6 33K OHM J	
275	R CARBON FILM	R260-263	RD-AZ102J-	1/6 1K OHM J		339	R CARBON FILM	R551-552	RD-AZ103J-	1/6 10K OHM J	
276	R CARBON FILM	R264-265	RD-AZ222J-	1/6 2.2K OHM J		340	R CARBON FILM	R553	RD-AZ154J-	1/6 150K OHM J	
277	R CARBON FILM	R290	RD-AZ105J-	1/6 1M OHM J		341	R CARBON FILM	R554	RD-AZ105J-	1/6 1M OHM J	
278	R CARBON FILM	R401-402	RD-AZ822J-	1/6 8.2K OHM J		342	R CARBON FILM	R555-556	RD-2Y150J-	1/2 15 OHM J	
279	R CARBON FILM	R403-404	RD-AZ153J-	1/6 15K OHM J		343	R CARBON FILM	R557	RD-AZ104J-	1/6 100K OHM J	
280	R CARBON FILM	R405-406	RD-AZ392J-	1/6 3.9K OHM J		344	R CARBON FILM	R558	RD-AZ102J-	1/6 1K OHM J	
281	R CARBON FILM	R407-408	RD-AZ682J-	1/6 6.8K OHM J		345	R CARBON FILM	R559	RD-AZ822J-	1/6 8.2K OHM J	
282	R CARBON FILM	R409-410	RD-AZ102J-	1/6 1K OHM J		346	R CARBON FILM	R560	RD-AZ123J-	1/6 12K OHM J	
283	R CARBON FILM	R411-412	RD-AZ153J-	1/6 15K OHM J		347	R CARBON FILM	R561	RD-AZ273J-	1/6 27K OHM J	
284	R CARBON FILM	R413-414	RD-AZ182J-	1/6 1.8K OHM J		348	R CARBON FILM	R562-563	RD-AZ332J-	1/6 3.3K OHM J	
285	R CARBON FILM	R415-416	RD-AZ392J-	1/6 3.9K OHM J		349	R CARBON FILM	R564	RD-AZ102J-	1/6 1K OHM J	
286	R CARBON FILM	R421-422	RD-AZ104J-	1/6 100K OHM J		350	R CARBON FILM	R567	RD-AZ102J-	1/6 1K OHM J	
287	R CARBON FILM	R423-424	RD-AZ102J-	1/6 1K OHM J		351	R CARBON FILM	R568	RD-AZ221J-	1/6 220 OHM J	
288	R CARBON FILM	R425-426	RD-AZ104J-	1/6 100K OHM J		352	R CARBON FILM	R569-570	RD-AZ104J-	1/6 100K OHM J	
289	R CARBON FILM	R427-428	RD-AZ562J-	1/6 5.6K OHM J		353	R CARBON FILM	R571	RD-AZ562J-	1/6 5.6K OHM J	
290	R CARBON FILM	R431-432	RD-AZ102J-	1/6 1K OHM J		354	R CARBON FILM	R572-573	RD-AZ104J-	1/6 100K OHM J	
291	R CARBON FILM	R433-434	RD-AZ104J-	1/6 100K OHM J		355	R CARBON FILM	R574-579	RD-AZ472J-	1/6 4.7K OHM J	
292	R CARBON FILM	R436-437	RD-AZ101J-	1/6 100 OHM J		356	R CARBON FILM	R580-581	RD-AZ103J-	1/6 10K OHM J	
293	R CARBON FILM	R439-440	RD-AZ473J-	1/6 47K OHM J		357	R CARBON FILM	R582	RD-AZ101J-	1/6 100 OHM J	
294	R CARBON FILM	R441	RD-AZ221J-	1/6 220 OHM J		358	R CARBON FILM	R601-604	RD-AZ102J-	1/6 1K OHM J	
295	R CARBON FILM	R442	RD-AZ104J-	1/6 100K OHM J		359	R CARBON FILM	R605-606	RD-AZ820J-	1/6 82 OHM J	
296	R CARBON FILM	R443-444	RD-AZ474J-	1/6 470K OHM J		360	R CARBON FILM	R607-608	RD-AZ683J-	1/6 68K OHM J	
297	R CARBON FILM	R501	RD-AZ823J-	1/6 82K OHM J		361	R CARBON FILM	R609-610	RD-AZ682J-	1/6 6.8K OHM J	
298	R CARBON FILM	R502-505	RD-AZ393J-	1/6 39K OHM J		362	R CARBON FILM	R611-612	RD-AZ272J-	1/6 2.7K OHM J	
299	R CARBON FILM	R506	RD-AZ823J-	1/6 82K OHM J		363	R CARBON FILM	R613-614	RD-AZ102J-	1/6 1K OHM J	
300	R CARBON FILM	R507	RD-AZ101J-	1/6 100 OHM J		364	R CARBON FILM	R615-616	RD-AZ223J-	1/6 22K OHM J	
301	R CARBON FILM	R508	RD-AZ123J-	1/6 12K OHM J		365	R CARBON FILM	R617-618	RD-AZ272J-	1/6 2.7K OHM J	
302	R CARBON FILM	R509	RD-AZ153J-	1/6 15K OHM J		366	R CARBON FILM	R619-620	RD-AZ103J-	1/6 10K OHM J	
303	R CARBON FILM	R510	RD-AZ220J-	1/6 22 OHM J		367	R CARBON FILM	R621	RD-AZ333J-	1/6 33K OHM J	
304	R CARBON FILM	R512	RD-AZ100J-	1/6 10 OHM J		368	R CARBON FILM	R622	RD-AZ105J-	1/6 1M OHM J	
305	R CARBON FILM	R513	RD-AZ474J-	1/6 470K OHM J		369	R CARBON FILM	R623	RD-AZ683J-	1/6 68K OHM J	
306	R CARBON FILM	R514	RD-AZ100J-	1/6 10 OHM J		370	R CARBON FILM	R624	RD-AZ103J-	1/6 10K OHM J	
307	R CARBON FILM	R515	RD-AZ682J-	1/6 6.8K OHM J		371	R CARBON FILM	R625-626	RD-AZ184J-	1/6 180K OHM J	
308	R CARBON FILM	R516	RD-AZ153J-	1/6 15K OHM J		372	R CARBON FILM	R627-628	RD-AZ151J-	1/6 150 OHM J	
309	R CARBON FILM	R517	RD-AZ273J-	1/6 27K OHM J		373	R CARBON FILM	R629-630	RD-AZ224J-	1/6 220K OHM J	
310	R CARBON FILM	R518	RD-AZ562J-	1/6 5.6K OHM J		374	R CARBON FILM	R631-632	RD-AZ822J-	1/6 8.2K OHM J	
311	R CARBON FILM	R519-520	RD-AZ103J-	1/6 10K OHM J		375	R CARBON FILM	R633-634	RD-AZ392J-	1/6 3.9K OHM J	
312	R CARBON FILM	R521	RD-AZ154J-	1/6 150K OHM J		376	R CARBON FILM	R635-636	RD-AZ561J-	1/6 560 OHM J	
313	R CARBON FILM	R522-523	RD-AZ562J-	1/6 5.6K OHM J		377	R CARBON FILM	R637-638	RD-AZ184J-	1/6 180K OHM J	
314	R CARBON FILM	R524	RD-AZ102J-	1/6 1K OHM J		378	R CARBON FILM	R639-640	RD-AZ472J-	1/6 4.7K OHM J	
315	R CARBON FILM	R525	RD-AZ104J-	1/6 100K OHM J		379	R CARBON FILM	R641	RD-AZ103J-	1/6 10K OHM J	
316	R CARBON FILM	R526	RD-AZ100J-	1/6 10 OHM J		380	R CARBON FILM	R643-644	RD-AZ223J-	1/6 22K OHM J	
317	R CARBON FILM	R527	RD-AZ224J-	1/6 220K OHM J		381	R CARBON FILM	R645-648	RD-AZ472J-	1/6 4.7K OHM J	
318	R CARBON FILM	R528	RD-AZ100J-	1/6 10 OHM J		382	R CARBON FILM	R649	RD-AZ823J-	1/6 82K OHM J	
319	R CARBON FILM	R529-530	RD-AZ562J-	1/6 5.6K OHM J		383	R CARBON FILM	R650	RD-AZ124J-	1/6 120K OHM J	
320	R CARBON FILM	R531	RD-AZ103J-	1/6 10K OHM J		384	R CARBON FILM	R651	RD-AZ103J-	1/6 10K OHM J	

Electrical Parts List

MODEL : XM-111

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
385	R CARBON FILM	R652	RD-AZ479J-	1/6 4.7 OHM J		12	C CERA	CC722	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)	
386	R CARBON FILM	R653	RD-AZ473J-	1/6 47K OHM J		13	C ELECTRO	CE702	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
387	R CARBON FILM	R654	RD-AZ271J-	1/6 270 OHM J		14	C ELECTRO	CE704	CEXF1A102V	10V RSS 1000MF (8X12.5) TP	
388	R CARBON FILM	R655	RD-AZ102J-	1/6 1K OHM J		15	C ELECTRO	CE705	CEXF1E101V	25V RSS 100MF (6.3X11) TP	
389	R CARBON FILM	R656	RD-AZ333J-	1/6 33K OHM J		16	C ELECTRO	CE706	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
390	R CARBON FILM	R657	RD-AZ470J-	1/6 47 OHM J		17	C ELECTRO	CE708	CEXF1H100V	50V RSS 10MF (5X11) TP	
391	R CARBON FILM	R658	RD-AZ473J-	1/6 47K OHM J		18	C ELECTRO	CE711	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
392	R CARBON FILM	R659	RD-AZ102J-	1/6 1K OHM J		19	CONN AS	CN705	9728802700	#26 13P FLAT 250MM P=2.5	
393	R CARBON FILM	R662	RD-AZ103J-	1/6 10K OHM J		20	PIN WAFER	CW401	9736407700	52084-1310 13P BOTTOM	
394	R CARBON FILM	R663	RD-AZ331J-	1/6 330 OHM J		21	PIN WAFER	CW402	9736407700	52084-1310 13P BOTTOM	
395	R CARBON FILM	R664	RD-AZ472J-	1/6 4.7K OHM J		22	DIODE	D704	DZN4148---	IN4148 AUTO 52MM	
396	R CARBON FILM	R669	RD-AZ103J-	1/6 10K OHM J		23	DIODE	D706-707	DZN4148---	IN4148 AUTO 52MM	
397	R CARBON FILM	R670-671	RD-AZ472J-	1/6 4.7K OHM J		24	VFD	FD701	DSVA09MS18	HNA-09MS18	
398	R CARBON FILM	R672	RD-AZ101J-	1/6 100 OHM J		25	IC	IC701	1M38199278F	U-COM M38199MF-278FP	
399	R CARBON FILM	R673	RD-AZ105J-	1/6 1M OHM J		26	IC	IC702	1M24C04---	M24C04-BN6	
400	R CARBON FILM	R674	RD-AZ103J-	1/6 10K OHM J		27	IC PRE AMP	IC705	1HEG838---	HEG838	
401	R CARBON FILM	R675	RD-AZ102J-	1/6 1K OHM J		28	TR	Q701	TZRC107M--	KRC107-M TAPPING(KSR1006)	
402	R CARBON FILM	R676	RD-AZ105J-	1/6 1M OHM J		29	R CARBON FILM	R351	RD-AZ101J-	1/6 100 OHM J	
403	R CARBON FILM	R683	RD-AZ103J-	1/6 10K OHM J		30	R CARBON FILM	R352	RD-AZ151J-	1/6 150 OHM J	
404	R CARBON FILM	R684	RD-AZ392J-	1/6 3.9K OHM J		31	R CARBON FILM	R353	RD-AZ181J-	1/6 180 OHM J	
405	R CARBON FILM	R685-686	RD-AZ102J-	1/6 1K OHM J		32	R CARBON FILM	R354	RD-AZ271J-	1/6 270 OHM J	
406	R CARBON FILM	R688	RD-AZ101J-	1/6 100 OHM J		33	R CARBON FILM	R355	RD-AZ331J-	1/6 330 OHM J	
407	R CARBON FILM	R696	RD-AZ333J-	1/6 33K OHM J		34	R CARBON FILM	R356	RD-AZ391J-	1/6 390 OHM J	
408	R CARBON FILM	R699	RD-AZ102J-	1/6 1K OHM J		35	R CARBON FILM	R357	RD-AZ471J-	1/6 470 OHM J	
409	R CARBON FILM	R803-804	RD-AZ102J-	1/6 1K OHM J		36	R CARBON FILM	R358	RD-AZ561J-	1/6 560 OHM J	
410	R CARBON FILM	R805-806	RD-AZ563J-	1/6 56K OHM J		37	R CARBON FILM	R360	RD-AZ101J-	1/6 100 OHM J	
411	R CARBON FILM	R807-808	RD-AZ152J-	1/6 1.5K OHM J		38	R CARBON FILM	R361	RD-AZ151J-	1/6 150 OHM J	
412	R CARBON FILM	R809-812	RD-AZ100J-	1/4 10 OHM J		39	R CARBON FILM	R362	RD-AZ181J-	1/6 180 OHM J	
413	R CARBON FILM	R813	RD-AZ103J-	1/6 10K OHM J		40	R CARBON FILM	R363	RD-AZ271J-	1/6 270 OHM J	
414	R CARBON FILM	R815-818	RD-AZ102J-	1/4 1K OHM J		41	R CARBON FILM	R364	RD-AZ331J-	1/6 330 OHM J	
415	R CARBON FILM	R821	RD-AZ154J-	1/6 150K OHM J		42	R CARBON FILM	R365	RD-AZ391J-	1/6 390 OHM J	
416	R CARBON FILM	R823	RD-AZ104J-	1/6 100K OHM J		43	R CARBON FILM	R366	RD-AZ471J-	1/6 470 OHM J	
417	R CARBON FILM	R824	RD-AZ473J-	1/6 47K OHM J		44	R CARBON FILM	R367	RD-AZ561J-	1/6 560 OHM J	
418	R CARBON FILM	R825	RD-AZ103J-	1/6 10K OHM J		45	R CARBON FILM	R368	RD-AZ821J-	1/6 820 OHM J	
419	R CARBON FILM	R831-832	RD-AZ102J-	1/6 1K OHM J		46	R CARBON FILM	R369	RD-AZ101J-	1/6 100 OHM J	
420	R CARBON FILM	R910	RD-AZ103J-	1/6 10K OHM J		47	R CARBON FILM	R370	RD-AZ151J-	1/6 150 OHM J	
421	R CARBON FILM	R911	RD-AZ223J-	1/6 22K OHM J		48	R CARBON FILM	R371	RD-AZ821J-	1/6 820 OHM J	
422	R CARBON FILM	R912-913	RD-AZ103J-	1/6 10K OHM J		49	R CARBON FILM	R381	RD-AZ392J-	1/6 3.9K OHM J	
423	R CARBON FILM	R914	RD-AZ223J-	1/6 22K OHM J		50	R CARBON FILM	R701-702	RD-AZ103J-	1/6 10K OHM J	
424	R CARBON FILM	R915	RD-AZ473J-	1/6 47K OHM J		51	R CARBON FILM	R707	RD-AZ103J-	1/6 10K OHM J	
425	R CARBON FILM	R916	RD-AZ103J-	1/6 10K OHM J		52	R CARBON FILM	R719-721	RD-AZ152J-	1/6 1.5K OHM J	
426	R CARBON FILM	R921	RD-AZ100J-	1/6 10 OHM J		53	R CARBON FILM	R722	RD-AZ472J-	1/6 4.7K OHM J	
427	R CARBON FILM	R922	RD-AZ332J-	1/6 3.3K OHM J		54	R CARBON FILM	R724	RD-AZ103J-	1/6 10K OHM J	
428	R CARBON FILM	R923	RD-AZ103J-	1/6 10K OHM J		55	R CARBON FILM	R751	RD-AZ472J-	1/6 4.7K OHM J	
429	R CARBON FILM	R933-934	RD-AZ221J-	1/6 220 OHM J		56	R CARBON FILM	R759	RD-AZ106J-	1/6 10M OHM J	
430	R CARBON FILM	R939-940	RD-AZ109J-	1/6 1 OHM J		57	R CARBON FILM	R760	RD-AZ334J-	1/6 330K OHM J	
431	TUNER PACK	TU001	9737613201	KST-F401VA-3		58	R CARBON FILM	R761	RD-AZ101J-	1/6 100 OHM J	
432	WIRE LEAD	W002	W1-BK11161	1P #26 110MM BK UL 1007		59	R CARBON FILM	R762	RD-AZ100J-	1/6 10 OHM J	
433	WIRE LEAD	W003	W1-RE32161	1P #26 320MM RED UL 1007		60	R CARBON FILM	R770	RD-AZ683J-	1/6 68K OHM J	
434	WIRE LEAD	W004	W1-BK60061	1P #26 60MM BK UL 1007		61	R CARBON FILM	R773	RD-AZ103J-	1/6 10K OHM J	
435	C DISCRIMINATOR	XC201	5P107MG86C	CDA10.7MG86N-C		62	R CARBON FILM	R775	RD-AZ103J-	1/6 10K OHM J	
436	X-TAL	XC251	5XA7R2000D	7.2M		63	R CARBON FILM	R776	RD-AZ334J-	1/6 330K OHM J	
437	RESONATOR CER	XC501	5PCSA16R93	CSA16.93MXZ04		64	R CARBON FILM	R777-778	RD-AZ104J-	1/6 100K OHM J	
1	PANEL FRONT AS	13000	9CDM043800	AXM-111R		65	R CARBON FILM	R779	RD-AZ334J-	1/6 330K OHM J	
2	PCB FRONT	B700	9CD6582700-01	247X139X1.6T		66	R CARBON FILM	R783	RD-AZ223J-	1/6 22K OHM J	
3	C CERA	CC701	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		67	R CARBON FILM	R784	RD-AZ683J-	1/6 68K OHM J	
4	C CERA	CC703	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		68	R CARBON FILM	R785	RD-AZ122J-	1/6 1.2K OHM J	
5	C CERA	CC704-706	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		69	R CARBON FILM	R785A	RD-AZ104J-	1/6 100K OHM J	
6	C CERA	CC710	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		70	SW TACT	SW702-709	5S50101001	KPT-1105A 1C-1P	
7	C CERA	CC711	CZCH1H150J	CH 50V 15PF J (AXIAL)		71	SW TACT	SW711-724	5S50101001	KPT-1105A 1C-1P	
8	C CERA	CC712	CZCH1H180J	CH 50V 18PF J (AXIAL)		72	RESONATOR	XC701	5PCSA8MTZ-	CSA8MTZ, 8MHZ	
9	C CERA	CC713-714	CZSL1H330J	SL 50V 33PF J (AXIAL)		73	X-TAL	XC702	5XA32R768-	DT-38 32.768KHZ 20PPM	
10	C CERA	CC715	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		1	PCB POWER AS	12000	9CDC055510	AMI-208MV	
11	C CERA	CC719	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		2	PCB POWER	B991	9CD6582000	98X123	

Electrical Parts List

MODEL : XM-111

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
3	CONN AS	CN991	9738833900	#22 8P BOARD-IN 350MM	
4	CLIP FUSE	FC901-904	9734600700	FC-5N	
5	FUSE GLASS TUB	F901	5F1GB5012M	UL/CSA RS 500mA 250V MF51	
6	FUSE GLASS TUB	F902	5FSGB3112L	SEMKO TL 315mA 250V MF51	
7	WIRE JUMPER	JW992	W581GY1005	AWG22 1/0.65 SN 10 AUTO	
8	R METAL FILM	R991	RN-2Y475J-	1/2 4.7M OHM J	
9	SW VOLTAGE SEL	SW991	5S30102361	SDKHA2-P 1C2P	
10	PIN WRAPPING	TP991-992	9716404000	MFZN1.1X1.1 PANASERT	
11	CORD AC	CD991	9736908900	1T1OS2	
12	TRANS POWER	PT991	5TP0060814	EI=66X30 115/230V,60/50Hz	
13	CONN AS	CN501	9738840800	FFC 16P P1.0X250MM R	
14	CONN AS	CN605	9738834700	UL 1007 #26 1P 120MM	

Electrical Parts List

MODEL : XM-113

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
1	PCB MAIN AS	10000	9CDC054940	AMI-V325M	
2	PCB MAIN	B001	9CD6581900-04	330X197X1.6T	
3	C CERA	CC001	CCFB1H102K	HIKB 50V 1000PF K (FORMING)	
4	C CERA	CC002	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)	
5	C CERA	CC004	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)	
6	C CERA	CC006	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)	
7	C CERA	CC102	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)	
8	C CERA	CC103	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
9	C CERA	CC104	CFSL1H150J	SL 50V 15PF J (FORMING)	
10	C CERA	CC105	CFSL1H820J	SL 50V 82PF J (FORMING)	
11	C CERA	CC201-202	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)	
12	C CERA	CC203	CCFB1H821K	HIKB 50V 820PF K (FORMING)	
13	C CERA	CC205	CCFB1H472K	HIKB 50V 4700PF K (FORMING)	
14	C CERA	CC206	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)	
15	C CERA	CC207	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
16	C CERA	CC209	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)	
17	C CERA	CC210-213	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)	
18	C CERA	CC214-215	CCFB1H562K	HIKB 50V 5600PF K (FORMING)	
19	C CERA	CC251	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
20	C CERA	CC252	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)	
21	C CERA	CC253-254	CCFB1H102K	HIKB 50V 1000PF K (FORMING)	
22	C CERA	CC255	CFSL1H360J	SL 50V 36PF J (FORMING)	
23	C CERA	CC256	CFSL1H330J	SL 50V 33PF J (FORMING)	
24	C CERA	CC257	CCFF1H103Z	HIKF 50V 0.01MF Z (FORMING)	
25	C CERA	CC258	CCFB1H102K	HIKB 50V 1000PF K (FORMING)	
26	C CERA	CC259	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)-手	
27	C CERA	CC290	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
28	C CERA	CC401-402	CCFB1H101K	HIKB 50V 100PF K (FORMING)	
29	C CERA	CC404	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
30	C CERA	CC405-406	CCFB1H101K	HIKB 50V 100PF K (FORMING)	
31	C CERA	CC408-409	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
32	C CERA	CC410	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
33	C CERA	CC501	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
34	C CERA	CC502	CCFB1H102K	HIKB 50V 1000PF K (FORMING)	
35	C CERA	CC503	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
36	C CERA	CC504	CCFB1H472K	HIKB 50V 4700PF K (FORMING)	
37	C CERA	CC505	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
38	C CERA	CC506	CCFB1H152K	HIKB 50V 1500PF K (FORMING)	
39	C CERA	CC507	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
40	C CERA	CC508-509	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
41	C CERA	CC510	CCFF1H333Z	HIKF 50V 0.033MF Z (FORMING)	
42	C CERA	CC511	CCFB1H151K	HIKB 50V 150PF K (FORMING)	
43	C CERA	CC512-513	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
44	C CERA	CC514	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
45	C CERA	CC515	CCFB1H152K	HIKB 50V 1500PF K (FORMING)	
46	C CERA	CC516	CCFB1H222K	HIKB 50V 2200PF K (FORMING)	
47	C CERA	CC517	CCFF1H153Z	HIKF 50V 0.015MF Z (FORMING)	
48	C CERA	CC518	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
49	C CERA	CC519	CCFB1H331K	HIKB 50V 330PF K (FORMING)	
50	C CERA	CC520	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
51	C CERA	CC521-522	CCFB1H472K	HIKB 50V 4700PF K (FORMING)	
52	C CERA	CC523	CCFF1H333Z	HIKF 50V 0.033MF Z (FORMING)	
53	C CERA	CC524	CCFB1H331K	HIKB 50V 330PF K (FORMING)	
54	C CERA	CC525	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
55	C CERA	CC526	CCFB1H151K	HIKB 50V 150PF K (FORMING)	
56	C CERA	CC527	CFSL1H330J	SL 50V 33PF J (FORMING)	
57	C CERA	CC528	CCFB1H152K	HIKB 50V 1500PF K (FORMING)	
58	C CERA	CC529	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
59	C CERA	CC530	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
60	C CERA	CC531	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
61	C CERA	CC532-533	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
62	C CERA	CC534	CCFF1H333Z	HIKF 50V 0.033MF Z (FORMING)	
63	C CERA	CC535	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
64	C CERA	CC536	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
65	C CERA	CC538	CCFF1H473Z	HIKF 50V 0.047MF Z (FORMING)	
66	C CERA	CC539	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
67	C CERA	CC540-541	CFSL1H330J	SL 50V 33PF J (FORMING)	
68	C CERA	CC542	CFCH1H309C	CH 50V 3PF C (FORMING)	
69	C CERA	CC543	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
70	C CERA	CC544	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
71	C CERA	CC545	CFCH1H309C	CH 50V 3PF C (FORMING)	
72	C CERA	CC547-549	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
73	C CERA	CC553	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
74	C CERA	CC554	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
75	C CERA	CC555	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
76	C CERA	CC558-560	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
77	C CERA	CC601-602	CCFB1H821K	HIKB 50V 820PF K (FORMING)	
78	C CERA	CC605	CCFB1H331K	HIKB 50V 330PF K (FORMING)	
79	C CERA	CC607	CCFB1H102K	HIKB 50V 1000PF K (FORMING)	
80	C CERA	CC611-614	CCFB1H391K	HIKB 50V 390PF K (FORMING)	
81	C CERA	CC615	CCFF1H104Z	HIKF 50V 0.1MF Z (FORMING)	
82	C CERA	CC617-618	CCFB1H471K	HIKB 50V 470PF K (FORMING)	
83	C CERA	CC620-621	CCFB1H821K	HIKB 50V 820PF K (FORMING)	
84	C MYLAR	CC622-623	CMXM2A122J	100V 1200PF J	
85	C MYLAR	CC624-625	CMXM2A102J	100V 1000PF J	
86	C CERA	CC801-802	CCFB1H102K	HIKB 50V 1000PF K (FORMING)	
87	C CERA	CC803-804	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
88	C CERA	CC806-808	CCZF1E103Z	HIKF 25V 0.01MF Z (AXIAL)	
89	C CERA	CC809-810	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
90	C CERA	CC911-915	CCFF1H223Z	HIKF 50V 0.022MF Z (FORMING)	
91	C ELECTRO	CE001	CEXF1E470V	25V RSS 47MF (5X11) TP	
92	C ELECTRO	CE101	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
93	C ELECTRO	CE102	CEXF1E221V	25V RSS 220MF (8X11.5) TP	
94	C ELECTRO	CE201	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
95	C ELECTRO	CE202	CEXF1H100V	50V RSS 10MF (5X11) TP	
96	C ELECTRO	CE203	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
97	C ELECTRO	CE204	CEXF1E330V	25V RSS 33MF (5X11) TP	
98	C ELECTRO	CE206	CEXF1H109V	50V RSS 1MF (5X11) TP	
99	C ELECTRO	CE207	CEXF1H478V	50V RSS 0.47MF (5X11) TP	
100	C ELECTRO	CE208-210	CEXF1H109V	50V RSS 1MF (5X11) TP	
101	C ELECTRO	CE210	CEXF1H109V	50V RSS 1MF (5X11) TP	
102	C ELECTRO	CE211	CEXF1H339V	50V RSS 3.3MF (5X11) TP	
103	C ELECTRO	CE214	CEXF1E470V	25V RSS 47MF (5X11) TP	
104	C ELECTRO	CE401-408	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
105	C ELECTRO	CE411-416	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
106	C ELECTRO	CE417	CEXF1E221V	25V RSS 220MF (8X11.5) TP	
107	C ELECTRO	CE418	CEXF1H100V	50V RSS 10MF (5X11) TP	
108	C ELECTRO	CE501	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
109	C ELECTRO	CE502	CEXF1E330V	25V RSS 33MF (5X11) TP	
110	C ELECTRO	CE503	CEXF1H109V	50V RSS 1MF (5X11) TP	
111	C ELECTRO	CE504	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
112	C ELECTRO	CE505	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
113	C ELECTRO	CE507	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
114	C ELECTRO	CE508	CEXF1E470V	25V RSS 47MF (5X11) TP	
115	C ELECTRO	CE509-510	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
116	C ELECTRO	CE511	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
117	C ELECTRO	CE512	CEXF1H100V	50V RSS 10MF (5X11) TP	
118	C ELECTRO	CE513-514	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
119	C ELECTRO	CE515-516	CEXF1H478V	50V RSS 0.47MF (5X11) TP	
120	C ELECTRO	CE517	CEXF1C471V	16V RSS 470MF 10X12.5	

Electrical Parts List

MODEL : XM-113

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
121	C ELECTRO	CE518	CEXF1C102V	16V RSS 1000MF (10X20)	
122	C ELECTRO	CE519	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
123	C ELECTRO	CE520	CEXF1H100V	50V RSS 10MF (5X11) TP	
124	C ELECTRO	CE521-522	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
125	C ELECTRO	CE523	CEXF1C221V	16V RSS 220MF (8X11.5) TP	
126	C ELECTRO	CE524	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
127	C ELECTRO	CE601-602	CEXF1E470V	25V RSS 47MF (5X11) TP	
128	C ELECTRO	CE603-604	CEXF1H100V	50V RSS 10MF (5X11) TP	
129	C ELECTRO	CE605	CEXF1E470V	25V RSS 47MF (5X11) TP	
130	C ELECTRO	CE606	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
131	C ELECTRO	CE608	CEXF1E470V	25V RSS 47MF (5X11) TP	
132	C ELECTRO	CE609	CEXF1H339V	50V RSS 3.3MF (5X11) TP	
133	C ELECTRO	CE610	CEXF1H100V	50V RSS 10MF (5X11) TP	
134	C ELECTRO	CE611-612	CEXF1E470V	25V RSS 47MF (5X11) TP	
135	C ELECTRO	CE613-614	CEXF1H100V	50V RSS 10MF (5X11) TP	
136	C ELECTRO	CE615-616	CEXF1H109V	50V RSS 1MF (5X11) TP	
137	C ELECTRO	CE617-618	CEXF1E470V	25V RSS 47MF (5X11) TP	
138	C ELECTRO	CE619	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
139	C ELECTRO	CE621-623	CEXF1E470V	25V RSS 47MF (5X11) TP	
140	C ELECTRO	CE624	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
141	C ELECTRO	CE626	CEXF1E470V	25V RSS 47MF (5X11) TP	
142	C ELECTRO	CE627	CEXF1E330V	25V RSS 33MF (5X11) TP	
143	C ELECTRO	CE801-803	CEXF1H109V	50V RSS 1MF (5X11) TP	
144	C ELECTRO	CE804-805	CEXF1H100V	50V RSS 10MF (5X11) TP	
145	C ELECTRO	CE806	CEXF1E470V	25V RSS 47MF (5X11) TP	
146	C ELECTRO	CE901-902	CEXF1V222V	35V RSS 2200MF (18X35) TP	
147	C ELECTRO	CE903	CEXF1E222V	25V RSS 2200MF (18X35) TP	
148	C ELECTRO	CE904-907	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
149	C ELECTRO	CE911-914	CEXF1H470V	50V RSS 47MF (6.3X11) TP	
150	FILTER CERA	CF001-002	5PE107MS3A	SFELA10M7HA00-B0	
151	FILTER	CF201	5PPCFAZ077	PCFAZ077	
152	C MYLAR	CM201-202	CMXM2A223J	100V 0.022MF J	
153	C MYLAR	CM405-408	CMXM2A104J	100V 0.1MF J	
154	C MYLAR	CM409-410	CMXM2A562J	100V 5600PF J	
155	C MYLAR	CM603-604	CMXM2A223J	100V 0.022MF J	
156	C MYLAR	CM605-606	CMXM2A102J	100V 1000PF J	
157	C MYLAR	CM609-610	CMXM2A153J	100V 0.015MF J	
158	C MYLAR	CM611	CMXM2A223J	100V 0.022MF J	
159	C MYLAR	CM612	CMXM2A332J	100V 3300PF J	
160	C MYLAR	CM613	CMXM2A153J	100V 0.015MF J	
161	C MYLAR	CM614	CMXM2A222J	100V 2200PF J	
162	C MYLAR	CM801-802	CMXM2A104J	100V 0.1MF J	
163	C MYLAR	CM803-804	CMXM2A473J	100V 0.047MF J	
164	C MYLAR	CM901-904	CMXM2A223J	100V 0.022MF J	
165	C MYLAR	CM916-918	CMXM2A223J	100V 0.022MF J	
166	C MYLAR	CM921-923	CMXM2A223J	100V 0.022MF J	
167	CONN PIN	CN401	9736407600	53095-1310 13PIN BASE	
168	CONN PIN	CN402	9736407600	53095-1310 13PIN BASE	
169	CONN AS	CN603	9738834900	UL 2468 #26 4P+3P+2P 300MM	
170	WAFER	CW101	2503-WR-02	2P S2B-XH-A	
171	WAFER	CW501	9738842900	16P FFC PIT1.0	
172	WAFER	CW502	2001-WS-06	6P 2.0MM	
173	WAFER	CW503	2001-WS-12	12P 2.0MM	
174	WAFER	CW601	2503-WS-03	3P 2.5MM	
175	WAFER	CW602	2503-WS-05	5P 2.5MM	
176	WAFER	CW603	2503-WS-09	9P 2.5MM	
177	WAFER	CW605	2503-WS-02	2P 2.5MM	
178	WAFER	CW705	2503-WS-13	13P 2.5MM	
179	WAFER	CW991	2503-WS-08	8P 2.5MM	
180	DIODE ZENER	DZ601-602	DZTZ6R2B--	MTZ6.2B	

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
181	DIODE ZENER	DZ901	DZTZ30B---	MTZ30B	
182	DIODE ZENER	DZ902	DZTZ6R2B--	MTZ6.2B	
183	DIODE	D201	DZN4148---	IN4148 AUTO 52MM	
184	DIODE	D401-402	DZN4148---	IN4148 AUTO 52MM	
185	DIODE	D472-473	DZN4148---	IN4148 AUTO 52MM	
186	DIODE	D501	DZN4148---	IN4148 AUTO 52MM	
187	DIODE	D601-603	DZN4148---	IN4148 AUTO 52MM	
188	DIODE	D605-608	DZN4148---	IN4148 AUTO 52MM	
189	DIODE	D610	DZN4148---	IN4148 AUTO 52MM	
190	DIODE	D801-802	DZN4148---	IN4148 AUTO 52MM	
191	DIODE	D901-902	DIN4001---	IN4001	
192	DIODE	D904-907	DRL202---	RL202	
193	DIODE	D911-912	DIN4001---	IN4001	
194	IC	IC201	1LA1833N-	LA1833N	
195	IC	IC202	1LC72131D-	LC72131D	
196	IC REGULATOR	IC205	1KA78L05AZ	KA78L05AZ	
197	IC	IC401	1TDA7440D-	TDA7440D	
198	IC MOTOR DRIVE	IC501	1BA5939S--	BA5939S	
199	IC CHIP RF	IC502	1KB9223---	KB9223 RF+SSP+AF	
200	IC CHIP DSP	IC503	1KS9286B--	KS9286B DSP+DAC	
201	IC	IC601	1TA8189N-	TA8189N	
202	IC SWITCHING	IC602	1BA7755A--	BA7755A (HEAD SW)	
203	IC	IC801	1TDA7265--	TDA7265	
204	IC	IC901	1L4959---	L4959	
205	COIL BEAD	JW404	5LX159P829	1.5UH MIN	
206	DIODE	JW411	DZN4148---	IN4148 AUTO 52MM	
207	R CARBON FILM	JW507	RD-AZ102J-	1/6 1K OHM J	
208	COIL BEAD	JW539	5LX159P829	1.5UH MIN	
209	COIL BEAD	JW551	5LX159P829	1.5UH MIN	
210	JACK ANT	J001	9736322201	PAT-646	
211	JACK RCA	J401	9CD6313700	S-436P	
212	JACK HEADPHONE	J801	9766319501	HTJ-064-05B GOLD	
213	JACK SPEAKER	J802	9736320500	CJ-9007-040	
214	COIL PEAKING	L001	5CPZ100K02	10UH K (AXIAL 3.5MM)	
215	AM RF UNIT	L101	5LR0000835	KSNT 213M-1	
216	COIL PEAKING	L251	5CPZ100K02	10UH K (AXIAL 3.5MM)	
217	COIL BIAS OSC	L601	5L0503K643	SM-10F 5.04MH	
218	TR	Q001	TZTC3194Y-	KTC3194Y	
219	TR	Q003	TZRA107M--	KRA107M (KSR2006)	
220	TR	Q501	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)	
221	TR	Q502	TZTA1273Y-	KTA1273Y(966Y)	
222	TR	Q503	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
223	FET	Q601-602	TKTK117Y--	TKT117(Y)	
224	TR	Q603-604	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)	
225	TR	Q605	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
226	TR	Q607	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
227	TR	Q612	TZRC111M--	KRC111M	
228	TR	Q613	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
229	TR	Q614	TZRC107M--	KRC107-M TAPPING(KSR1006)	
230	TR	Q615-620	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
231	TR	Q621	TZTA1273Y-	KTA1273Y(966Y)	
232	TR	Q626	TZTA1273Y-	KTA1273Y(966Y)	
233	TR	Q627	TZRC111M--	KRC111M	
234	TR	Q801-802	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
235	TR	Q803	TZRA111M--	KRA111M	
236	TR	Q804	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)	
237	TR	Q805	TZRA111M--	KRA111M	
238	TR	Q901	TZTA1274Y-	KTA1274Y-	
239	R FUSIBLE	RF901-902	RF01F4780J	0.47OHM 1W 32D	
240	R SEMI FIXED	RV601	RV141722Z-	1/10 2.2K OHM B V6EK-PV1S	

Electrical Parts List

MODEL : XM-113

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
241	R CARBON FILM	R003	RD-AZ470J-	1/6 47 OHM J	
242	R CARBON FILM	R004	RD-AZ100J-	1/6 10 OHM J	
243	R CARBON FILM	R005	RD-AZ332J-	1/6 3.3K OHM J	
244	R CARBON FILM	R006	RD-AZ681J-	1/6 680 OHM J	
245	R CARBON FILM	R007	RD-AZ331J-	1/6 330 OHM J	
246	R CARBON FILM	R008	RD-AZ101J-	1/6 100 OHM J	
247	R CARBON FILM	R101	RD-AZ472J-	1/6 4.7K OHM J	
248	R CARBON FILM	R103~105	RD-AZ472J-	1/6 4.7K OHM J	
249	R CARBON FILM	R106	RD-AZ332J-	1/6 3.3K OHM J	
250	R CARBON FILM	R107	RD-AZ223J-	1/6 22K OHM J	
251	R CARBON FILM	R109	RD-AZ104J-	1/6 100K OHM J	
252	R CARBON FILM	R201	RD-AZ682J-	1/6 6.8K OHM J	
253	R CARBON FILM	R202	RD-AZ473J-	1/6 47K OHM J	
254	R CARBON FILM	R203	RD-AZ822J-	1/6 8.2K OHM J	
255	R CARBON FILM	R204A	RD-AZ123J-	1/6 12K OHM J	
256	R CARBON FILM	R204B	RD-AZ183J-	1/6 18K OHM J	
257	R CARBON FILM	R205~206	RD-AZ102J-	1/6 1K OHM J	
258	R CARBON FILM	R207	RD-AZ121J-	1/6 120 OHM J	
259	R CARBON FILM	R208	RD-AZ332J-	1/6 3.3K OHM J	
260	R CARBON FILM	R209	RD-AZ472J-	1/6 4.7K OHM J	
261	R CARBON FILM	R210	RD-AZ682J-	1/6 6.8K OHM J	
262	R CARBON FILM	R211	RD-AZ100J-	1/6 10 OHM J	
263	R CARBON FILM	R212~213	RD-AZ182J-	1/6 1.8K OHM J	
264	R CARBON FILM	R216	RD-AZ473J-	1/6 47K OHM J	
265	R CARBON FILM	R217~218	RD-AZ822J-	1/6 8.2K OHM J	
266	R CARBON FILM	R219~220	RD-AZ223J-	1/6 22K OHM J	
267	R CARBON FILM	R221	RD-AZ563J-	1/6 56K OHM J	
268	R CARBON FILM	R251	RD-AZ102J-	1/6 1K OHM J	
269	R CARBON FILM	R252	RD-AZ470J-	1/6 47 OHM J	
270	R CARBON FILM	R253	RD-AZ222J-	1/6 2.2K OHM J	
271	R CARBON FILM	R254	RD-AZ103J-	1/6 10K OHM J	
272	R CARBON FILM	R255	RD-AZ100J-	1/6 10 OHM J	
273	R CARBON FILM	R256	RD-AZ102J-	1/6 1K OHM J	
274	R CARBON FILM	R257~258	RD-AZ103J-	1/6 10K OHM J	
275	R CARBON FILM	R259	RD-AZ123J-	1/6 12K OHM J	
276	R CARBON FILM	R260~263	RD-AZ102J-	1/6 1K OHM J	
277	R CARBON FILM	R264~265	RD-AZ222J-	1/6 2.2K OHM J	
278	R CARBON FILM	R290	RD-AZ105J-	1/6 1M OHM J	
279	R CARBON FILM	R401~402	RD-AZ822J-	1/6 8.2K OHM J	
280	R CARBON FILM	R403~404	RD-AZ153J-	1/6 15K OHM J	
281	R CARBON FILM	R405~406	RD-AZ392J-	1/6 3.9K OHM J	
282	R CARBON FILM	R407~408	RD-AZ682J-	1/6 6.8K OHM J	
283	R CARBON FILM	R409~410	RD-AZ102J-	1/6 1K OHM J	
284	R CARBON FILM	R411~412	RD-AZ153J-	1/6 15K OHM J	
285	R CARBON FILM	R413~414	RD-AZ182J-	1/6 1.8K OHM J	
286	R CARBON FILM	R415~416	RD-AZ392J-	1/6 3.9K OHM J	
287	R CARBON FILM	R421~422	RD-AZ104J-	1/6 100K OHM J	
288	R CARBON FILM	R423~424	RD-AZ102J-	1/6 1K OHM J	
289	R CARBON FILM	R425~426	RD-AZ104J-	1/6 100K OHM J	
290	R CARBON FILM	R427~428	RD-AZ562J-	1/6 5.6K OHM J	
291	R CARBON FILM	R431~432	RD-AZ102J-	1/6 1K OHM J	
292	R CARBON FILM	R433~434	RD-AZ104J-	1/6 100K OHM J	
293	R CARBON FILM	R436~437	RD-AZ101J-	1/6 100 OHM J	
294	R CARBON FILM	R439~440	RD-AZ473J-	1/6 47K OHM J	
295	R CARBON FILM	R441	RD-AZ221J-	1/6 220 OHM J	
296	R CARBON FILM	R442	RD-AZ104J-	1/6 100K OHM J	
297	R CARBON FILM	R443~444	RD-AZ474J-	1/6 470K OHM J	
298	R CARBON FILM	R501	RD-AZ823J-	1/6 82K OHM J	
299	R CARBON FILM	R502~505	RD-AZ393J-	1/6 39K OHM J	
300	R CARBON FILM	R506	RD-AZ823J-	1/6 82K OHM J	

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
301	R CARBON FILM	R507	RD-AZ101J-	1/6 100 OHM J	
302	R CARBON FILM	R508	RD-AZ123J-	1/6 12K OHM J	
303	R CARBON FILM	R509	RD-AZ153J-	1/6 15K OHM J	
304	R CARBON FILM	R510	RD-AZ220J-	1/6 22 OHM J	
305	R CARBON FILM	R512	RD-AZ100J-	1/6 10 OHM J	
306	R CARBON FILM	R513	RD-AZ474J-	1/6 470K OHM J	
307	R CARBON FILM	R514	RD-AZ100J-	1/6 10 OHM J	
308	R CARBON FILM	R515	RD-AZ682J-	1/6 6.8K OHM J	
309	R CARBON FILM	R516	RD-AZ153J-	1/6 15K OHM J	
310	R CARBON FILM	R517	RD-AZ273J-	1/6 27K OHM J	
311	R CARBON FILM	R518	RD-AZ562J-	1/6 5.6K OHM J	
312	R CARBON FILM	R519~520	RD-AZ103J-	1/6 10K OHM J	
313	R CARBON FILM	R521	RD-AZ154J-	1/6 150K OHM J	
314	R CARBON FILM	R522~523	RD-AZ562J-	1/6 5.6K OHM J	
315	R CARBON FILM	R524	RD-AZ102J-	1/6 1K OHM J	
316	R CARBON FILM	R525	RD-AZ104J-	1/6 100K OHM J	
317	R CARBON FILM	R526	RD-AZ100J-	1/6 10 OHM J	
318	R CARBON FILM	R527	RD-AZ224J-	1/6 220K OHM J	
319	R CARBON FILM	R528	RD-AZ100J-	1/6 10 OHM J	
320	R CARBON FILM	R529~530	RD-AZ562J-	1/6 5.6K OHM J	
321	R CARBON FILM	R531	RD-AZ103J-	1/6 10K OHM J	
322	R CARBON FILM	R532	RD-AZ333J-	1/6 33K OHM J	
323	R CARBON FILM	R533	RD-AZ104J-	1/6 100K OHM J	
324	R CARBON FILM	R534	RD-AZ562J-	1/6 5.6K OHM J	
325	R CARBON FILM	R535	RD-AZ183J-	1/6 18K OHM J	
326	R CARBON FILM	R536	RD-AZ683J-	1/6 68K OHM J	
327	R CARBON FILM	R537	RD-AZ273J-	1/6 27K OHM J	
328	R CARBON FILM	R538	RD-AZ683J-	1/6 68K OHM J	
329	R CARBON FILM	R539	RD-AZ184J-	1/6 180K OHM J	
330	R CARBON FILM	R540	RD-AZ153J-	1/6 15K OHM J	
331	R CARBON FILM	R541	RD-AZ103J-	1/6 10K OHM J	
332	R CARBON FILM	R542	RD-AZ683J-	1/6 68K OHM J	
333	R CARBON FILM	R543	RD-AZ103J-	1/6 10K OHM J	
334	R CARBON FILM	R544	RD-AZ473J-	1/6 47K OHM J	
335	R CARBON FILM	R545~546	RD-AZ273J-	1/6 27K OHM J	
336	R CARBON FILM	R547	RD-AZ683J-	1/6 68K OHM J	
337	R CARBON FILM	R548	RD-AZ333J-	1/6 33K OHM J	
338	R CARBON FILM	R549	RD-AZ104J-	1/6 100K OHM J	
339	R CARBON FILM	R550	RD-AZ333J-	1/6 33K OHM J	
340	R CARBON FILM	R551~552	RD-AZ103J-	1/6 10K OHM J	
341	R CARBON FILM	R553	RD-AZ154J-	1/6 150K OHM J	
342	R CARBON FILM	R554	RD-AZ105J-	1/6 1M OHM J	
343	R CARBON FILM	R555~556	RD-2Y150J-	1/2 15 OHM J	
344	R CARBON FILM	R557	RD-AZ104J-	1/6 100K OHM J	
345	R CARBON FILM	R558	RD-AZ102J-	1/6 1K OHM J	
346	R CARBON FILM	R559	RD-AZ822J-	1/6 8.2K OHM J	
347	R CARBON FILM	R560	RD-AZ123J-	1/6 12K OHM J	
348	R CARBON FILM	R561	RD-AZ273J-	1/6 27K OHM J	
349	R CARBON FILM	R562~563	RD-AZ332J-	1/6 3.3K OHM J	
350	R CARBON FILM	R564	RD-AZ102J-	1/6 1K OHM J	
351	R CARBON FILM	R567	RD-AZ102J-	1/6 1K OHM J	
352	R CARBON FILM	R568	RD-AZ221J-	1/6 220 OHM J	
353	R CARBON FILM	R569~570	RD-AZ104J-	1/6 100K OHM J	
354	R CARBON FILM	R571	RD-AZ562J-	1/6 5.6K OHM J	
355	R CARBON FILM	R572~573	RD-AZ104J-	1/6 100K OHM J	
356	R CARBON FILM	R574~579	RD-AZ472J-	1/6 4.7K OHM J	
357	R CARBON FILM	R580~581	RD-AZ103J-	1/6 10K OHM J	
358	R CARBON FILM	R582	RD-AZ101J-	1/6 100 OHM J	
359	R CARBON FILM	R601~604	RD-AZ102J-	1/6 1K OHM J	
360	R CARBON FILM	R605~606	RD-AZ820J-	1/6 82 OHM J	

Electrical Parts List

MODEL : XM-113

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
361	R CARBON FILM	R607-608	RD-AZ683J-	1/6 68K OHM J	
362	R CARBON FILM	R609-610	RD-AZ682J-	1/6 6.8K OHM J	
363	R CARBON FILM	R611-612	RD-AZ272J-	1/6 2.7K OHM J	
364	R CARBON FILM	R613-614	RD-AZ102J-	1/6 1K OHM J	
365	R CARBON FILM	R615-616	RD-AZ223J-	1/6 22K OHM J	
366	R CARBON FILM	R617-618	RD-AZ272J-	1/6 2.7K OHM J	
367	R CARBON FILM	R619-620	RD-AZ103J-	1/6 10K OHM J	
368	R CARBON FILM	R621	RD-AZ333J-	1/6 33K OHM J	
369	R CARBON FILM	R622	RD-AZ105J-	1/6 1M OHM J	
370	R CARBON FILM	R623	RD-AZ683J-	1/6 68K OHM J	
371	R CARBON FILM	R624	RD-AZ103J-	1/6 10K OHM J	
372	R CARBON FILM	R625-626	RD-AZ184J-	1/6 180K OHM J	
373	R CARBON FILM	R627-628	RD-AZ151J-	1/6 150 OHM J	
374	R CARBON FILM	R629-630	RD-AZ224J-	1/6 220K OHM J	
375	R CARBON FILM	R631-632	RD-AZ822J-	1/6 8.2K OHM J	
376	R CARBON FILM	R633-634	RD-AZ392J-	1/6 3.9K OHM J	
377	R CARBON FILM	R635-636	RD-AZ561J-	1/6 560 OHM J	
378	R CARBON FILM	R637-638	RD-AZ184J-	1/6 180K OHM J	
379	R CARBON FILM	R639-640	RD-AZ472J-	1/6 4.7K OHM J	
380	R CARBON FILM	R641	RD-AZ103J-	1/6 10K OHM J	
381	R CARBON FILM	R643-644	RD-AZ223J-	1/6 22K OHM J	
382	R CARBON FILM	R645-648	RD-AZ472J-	1/6 4.7K OHM J	
383	R CARBON FILM	R649	RD-AZ823J-	1/6 82K OHM J	
384	R CARBON FILM	R650	RD-AZ124J-	1/6 120K OHM J	
385	R CARBON FILM	R651	RD-AZ103J-	1/6 10K OHM J	
386	R CARBON FILM	R652	RD-AZ479J-	1/6 4.7 OHM J	
387	R CARBON FILM	R653	RD-AZ473J-	1/6 47K OHM J	
388	R CARBON FILM	R654	RD-AZ271J-	1/6 270 OHM J	
389	R CARBON FILM	R655	RD-AZ102J-	1/6 1K OHM J	
390	R CARBON FILM	R656	RD-AZ333J-	1/6 33K OHM J	
391	R CARBON FILM	R657	RD-AZ470J-	1/6 47 OHM J	
392	R CARBON FILM	R658	RD-AZ473J-	1/6 47K OHM J	
393	R CARBON FILM	R659	RD-AZ102J-	1/6 1K OHM J	
394	R CARBON FILM	R662	RD-AZ103J-	1/6 10K OHM J	
395	R CARBON FILM	R663	RD-AZ331J-	1/6 330 OHM J	
396	R CARBON FILM	R664	RD-AZ472J-	1/6 4.7K OHM J	
397	WIRE JUMPER	R667	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
398	WIRE JUMPER	R668	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
399	R CARBON FILM	R669	RD-AZ103J-	1/6 10K OHM J	
400	R CARBON FILM	R670-671	RD-AZ472J-	1/6 4.7K OHM J	
401	R CARBON FILM	R672	RD-AZ101J-	1/6 100 OHM J	
402	R CARBON FILM	R673	RD-AZ105J-	1/6 1M OHM J	
403	R CARBON FILM	R674	RD-AZ103J-	1/6 10K OHM J	
404	R CARBON FILM	R675	RD-AZ102J-	1/6 1K OHM J	
405	R CARBON FILM	R676	RD-AZ105J-	1/6 1M OHM J	
406	R CARBON FILM	R683	RD-AZ103J-	1/6 10K OHM J	
407	R CARBON FILM	R684	RD-AZ392J-	1/6 3.9K OHM J	
408	R CARBON FILM	R685-686	RD-AZ102J-	1/6 1K OHM J	
409	R CARBON FILM	R688	RD-AZ101J-	1/6 100 OHM J	
410	R CARBON FILM	R696	RD-AZ333J-	1/6 33K OHM J	
411	R CARBON FILM	R699	RD-AZ102J-	1/6 1K OHM J	
412	R CARBON FILM	R803-804	RD-AZ102J-	1/6 1K OHM J	
413	R CARBON FILM	R805-806	RD-AZ563J-	1/6 56K OHM J	
414	R CARBON FILM	R807-808	RD-AZ821J-	1/6 820 OHM J	
415	R CARBON FILM	R809-812	RD-4Z100J-	1/4 10 OHM J	
416	R CARBON FILM	R813	RD-AZ103J-	1/6 10K OHM J	
417	R CARBON FILM	R815-818	RD-4Z102J-	1/4 1K OHM J	
418	R CARBON FILM	R821	RD-AZ154J-	1/6 150K OHM J	
419	R CARBON FILM	R823-824	RD-AZ104J-	1/6 100K OHM J	
420	R CARBON FILM	R825	RD-AZ103J-	1/6 10K OHM J	

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
421	R CARBON FILM	R831-832	RD-AZ102J-	1/6 1K OHM J	
422	R CARBON FILM	R910	RD-AZ103J-	1/6 10K OHM J	
423	R CARBON FILM	R911	RD-AZ223J-	1/6 22K OHM J	
424	R CARBON FILM	R912-913	RD-AZ103J-	1/6 10K OHM J	
425	R CARBON FILM	R914	RD-AZ223J-	1/6 22K OHM J	
426	R CARBON FILM	R915	RD-AZ473J-	1/6 47K OHM J	
427	R CARBON FILM	R916	RD-AZ103J-	1/6 10K OHM J	
428	R CARBON FILM	R921	RD-AZ100J-	1/6 10 OHM J	
429	R CARBON FILM	R922	RD-AZ332J-	1/6 3.3K OHM J	
430	R CARBON FILM	R923	RD-AZ103J-	1/6 10K OHM J	
431	R CARBON FILM	R933-934	RD-AZ221J-	1/6 220 OHM J	
432	R CARBON FILM	R939-940	RD-AZ109J-	1/6 1 OHM J	
433	TUNER PACK	TU001	9737613201	KST-F401VA-3	
434	WIRE LEAD	W002	W1-BK11161	1P #26 110MM BK UL 1007	
435	WIRE LEAD	W003	W1-RE32161	1P #26 320MM RED UL 1007	
436	WIRE LEAD	W004	W1-BK60061	1P #26 60MM BK UL 1007	
437	C DISCRIMINATOR	XC201	5P107MG86C	CD410.7MG86N-C	
438	X-TAL	XC251	5XA7R2000D	7.2M	
439	RESONATOR CE	XC501	5PCSA16R93	CSA16.93MXZ04	
1	PANEL FRONT A	13000	9CDM043800	XM-113	
2	PCB FRONT	B700	9CD6582700-01	247X139X1.6T	
3	C CERA	CC701	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)	
4	C CERA	CC703	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)	
5	C CERA	CC704-706	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)	
6	C CERA	CC710	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)	
7	C CERA	CC711	CZCH1H150J	CH 50V 15PF J (AXIAL)	
8	C CERA	CC712	CZCH1H180J	CH 50V 18PF J (AXIAL)	
9	C CERA	CC713-714	CZSL1H330J	SL 50V 33PF J (AXIAL)	
10	C CERA	CC715	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)	
11	C CERA	CC719	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)	
12	C CERA	CC722	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)	
13	C ELECTRO	CE702	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
14	C ELECTRO	CE704	CEXF1A102V	10V RSS 1000MF (8X12.5) TP	
15	C ELECTRO	CE705	CEXF1E101V	25V RSS 100MF (6.3X11) TP	
16	C ELECTRO	CE706	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
17	C ELECTRO	CE708	CEXF1H100V	50V RSS 10MF (5X11) TP	
18	C ELECTRO	CE711	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
19	CONN AS	CN705	9728802700	#26 13P FLAT 250MM P=2.5	
20	PIN WAFER	CW401	9736407700	52084-1310 13P BOTTOM	
21	PIN WAFER	CW402	9736407700	52084-1310 13P BOTTOM	
22	DIODE	D704	DZN4148---	IN4148 AUTO 52MM	
23	DIODE	D706-707	DZN4148---	IN4148 AUTO 52MM	
24	VFD	FD701	DSVA09MS18	HNA-09MS18	
25	IC	IC701	1M38199278F	U-COM M38199MF-278FP	
26	IC	IC702	1M24C04---	M24C04-BN6	
27	IC PRE AMP	IC705	1HEG838---	HEG838	
28	TR	Q701	TZRC107M--	KRC107-M TAPPING(KSR1006)	
29	R CARBON FILM	R351	RD-AZ101J-	1/6 100 OHM J	
30	R CARBON FILM	R352	RD-AZ151J-	1/6 150 OHM J	
31	R CARBON FILM	R353	RD-AZ181J-	1/6 180 OHM J	
32	R CARBON FILM	R354	RD-AZ271J-	1/6 270 OHM J	
33	R CARBON FILM	R355	RD-AZ331J-	1/6 330 OHM J	
34	R CARBON FILM	R356	RD-AZ391J-	1/6 390 OHM J	
35	R CARBON FILM	R357	RD-AZ471J-	1/6 470 OHM J	
36	R CARBON FILM	R358	RD-AZ561J-	1/6 560 OHM J	
37	R CARBON FILM	R360	RD-AZ101J-	1/6 100 OHM J	
38	R CARBON FILM	R361	RD-AZ151J-	1/6 150 OHM J	
39	R CARBON FILM	R362	RD-AZ181J-	1/6 180 OHM J	
40	R CARBON FILM	R363	RD-AZ271J-	1/6 270 OHM J	
41	R CARBON FILM	R364	RD-AZ331J-	1/6 330 OHM J	

Electrical Parts List

MODEL : XM-113

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARK
42	R CARBON FILM	R365	RD-AZ391J-	1/6 390 OHM J	
43	R CARBON FILM	R366	RD-AZ471J-	1/6 470 OHM J	
44	R CARBON FILM	R367	RD-AZ561J-	1/6 560 OHM J	
45	R CARBON FILM	R368	RD-AZ821J-	1/6 820 OHM J	
46	R CARBON FILM	R369	RD-AZ101J-	1/6 100 OHM J	
47	R CARBON FILM	R370	RD-AZ151J-	1/6 150 OHM J	
48	R CARBON FILM	R371	RD-AZ821J-	1/6 820 OHM J	
49	R CARBON FILM	R381	RD-AZ392J-	1/6 3.9K OHM J	
50	R CARBON FILM	R701~702	RD-AZ103J-	1/6 10K OHM J	
51	R CARBON FILM	R707	RD-AZ103J-	1/6 10K OHM J	
52	R CARBON FILM	R719~721	RD-AZ152J-	1/6 1.5K OHM J	
53	R CARBON FILM	R722	RD-AZ472J-	1/6 4.7K OHM J	
54	R CARBON FILM	R724	RD-AZ103J-	1/6 10K OHM J	
55	R CARBON FILM	R751	RD-AZ472J-	1/6 4.7K OHM J	
56	R CARBON FILM	R759	RD-AZ106J-	1/6 10M OHM J	
57	R CARBON FILM	R760	RD-AZ334J-	1/6 330K OHM J	
58	R CARBON FILM	R761	RD-AZ101J-	1/6 100 OHM J	
59	R CARBON FILM	R762	RD-AZ100J-	1/6 10 OHM J	
60	R CARBON FILM	R770	RD-AZ683J-	1/6 68K OHM J	
61	R CARBON FILM	R773	RD-AZ103J-	1/6 10K OHM J	
62	R CARBON FILM	R775	RD-AZ103J-	1/6 10K OHM J	
63	R CARBON FILM	R776	RD-AZ334J-	1/6 330K OHM J	
64	R CARBON FILM	R777~778	RD-AZ104J-	1/6 100K OHM J	
65	R CARBON FILM	R779	RD-AZ334J-	1/6 330K OHM J	
66	R CARBON FILM	R783	RD-AZ223J-	1/6 22K OHM J	
67	R CARBON FILM	R784	RD-AZ683J-	1/6 68K OHM J	
68	R CARBON FILM	R785	RD-AZ122J-	1/6 1.2K OHM J	
69	R CARBON FILM	R785A	RD-AZ104J-	1/6 100K OHM J	
70	SW TACT	SW702~709	5S50101001	KPT-1105A 1C-1P	
71	SW TACT	SW711~724	5S50101001	KPT-1105A 1C-1P	
72	RESONATOR	XC701	5PCSA8MTZ-	CSA8MTZ, 8MHZ	
73	X-TAL	XC702	5XA32R768-	DT-38 32.768KHZ 20PPM	
1	PCB POWER AS	12000	9CDC055610	AMI-326LV	
2	PCB POWER	B991	9CD6582000	98X123	
3	CONN AS	CN991	9738833900	#22 8P BOARD-IN 350MM	
4	CLIP FUSE	FC901~904	9734600700	FC-5N	
5	FUSE GLASS TU	F901	5F1GB1622M	UL/CSA NM 1.6A 250V MF51	
6	FUSE GLASS TU	F902	5FSGB8012L	SEMKO TL 800mA 250V MF51	
7	R METAL FILM	R991	RN-2Y475J-	1/2 4.7M OHM J	
8	SW VOLTAGE SE	SW991	5S30102361	SDKHA2-P 1C2P	
9	PIN WRAPPING	TP991~992	9716404000	MFZN1.1X1.1 PANASERT	
10	CORD AC	CD991	9736908900	1T1OS2	
11	TRANS POWER	PT991	5TP0066804	EI=66X45,115/230V,60/50Hz	
12	CONN AS	CN501	9738840800	FFC 16P P1.0X250MM R	
13	CONN AS	CN605	9738834700	UL 1007 #26 1P 120MM	