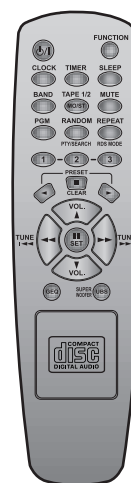


Service Manual

Mini Component System

Model: **XW-212/212R**
XW-214/214R
XW-215/215R



MINI COMPONENT SYSTEM

XW-212/212R

XW-214/214R

XW-215/215R

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Safety Precautions

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

	CAUTION RISK OF ELECTRIC SHOCKS DO NOT OPEN	
CAUTION : TO REDUCE THE RISK IF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		
	THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.	
	THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.	

CAUTION

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

LASER SAFETY

THIS UNIT EMPLOYS A LASER. ONLY QUALIFIED SERVICE PERSONNEL SHOULD REMOVE THE COVER OR ATTEMPT TO SERVICE THIS DEVICE DUE TO POSSIBLE EYE INJURY.

CAUTION : USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION : TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

ATTENTION : POUR EVITER LES CHOCs ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

Important Safety Instructions

- All the safety and operating instructions should be read before the appliance is operated.
 - The safety and operating instructions should be retained for future reference.
 - All warnings on the appliance and in the operating instructions should be adhered to.
 - All operating and use instructions should be followed.
1. Water and Moisture - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink,

laundry tub, in a wet basement, or near a swimming pool, and the like.

PORTABLE CART

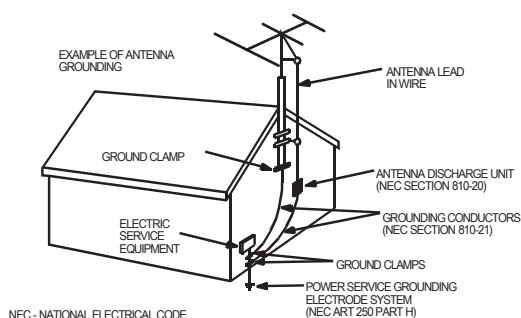


Figure 2

2. Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer.
3. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
4. Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
5. Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
6. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
7. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
8. Grounding or Polarization - The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.
9. Power - Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
10. Protective Attachment Plug - If the appliance is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
11. Cleaning - The appliance should be cleaned only as recommended by the manufacturer.
12. Power Lines - An outdoor antenna should be located away from power lines.

Safety Precautions

13.Outdoor Antenna Grounding - If an outside antenna is connected to the receiver be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors,location of antenna-discharge unit, connection to grounding electrodes and requirements for the grounding electrode. See Figure 1.



14.Non-use Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

15.Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

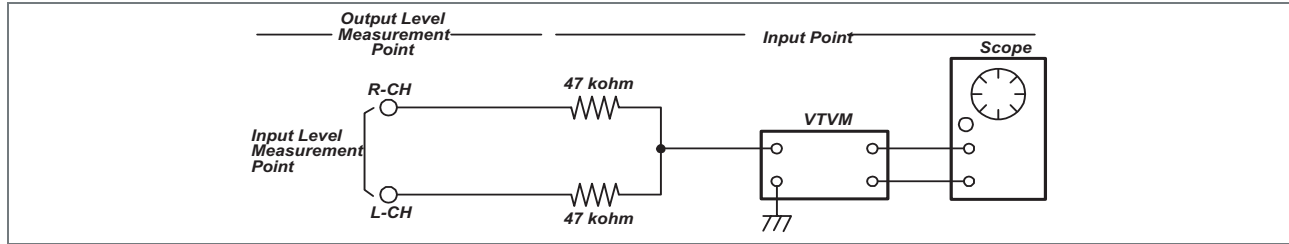
16.Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

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

17.Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

Adjustments

1. TAPE SECTION



Test Tape be used

Tape	Contents	Use
MTT-111N	3 KHz	Tape Speed Adjustment
MTT-114N	10 KHz	Head Azimuth Adjustment
MTT-5511	Blank	Record Frequency Property

HEAD ADJUSTMENT (AZIMUTH)

- 10KHz test tape(example: MTT-114N) must be used for this adjustment.
- Connect to VTVM or oscilloscope to the headphone jack or speaker terminal.
- Press the play button.
- Adjust the azimuth by using a screw driver to maintain the max. L&R output voltage.
- Adjust tape A(1), tape B(2) respectively, Please secure the azimuth position by using locking paint.

RECORDING BIAS OSCILLATOR FREQUENCY ADJUSTMENT

- Connect the frequency counter to TP603, GND.
- Press the REC button.
- Adjust L603 to obtain 80 KHz $\pm$ 500Hz

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	-----	Line Out L/R Channel	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 Adjustment		80 KHz±0.5	MTT-5511	L603	TP603,GND	Adjust with frequency counter connected.	FIG.1

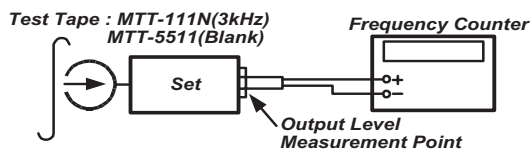


FIG. 1 : Tape Speed & Record Bias Oscillator Frequency Adjust Circuit

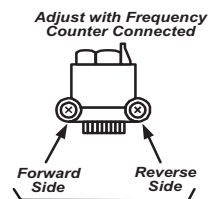


FIG. 2 : Tape Azimuth Adjust Location (Record/Playback Head)

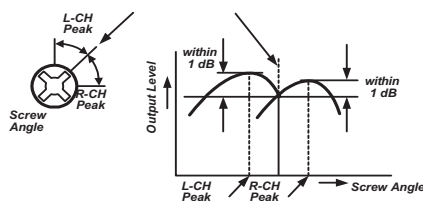


FIG. 3 : Tape Azimuth Adjust Head Screw & Waveform

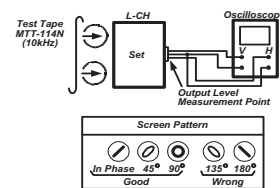
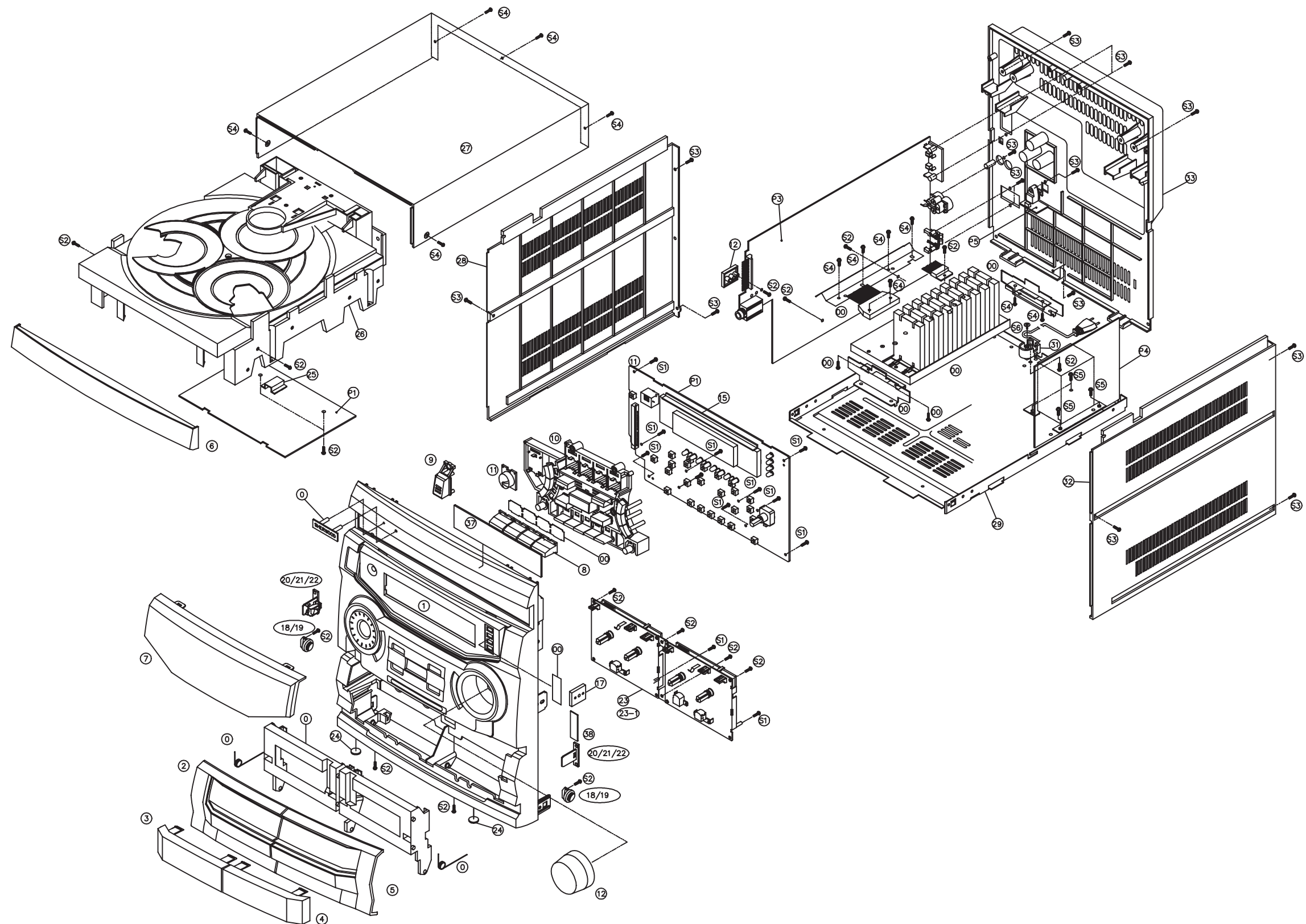


FIG. 4 : Tape Azimuth Adjust Circuit & Waveform

Exploded View and Mechanical Parts List

Model : XW-212/212R, XW-214/214R, 215/215R



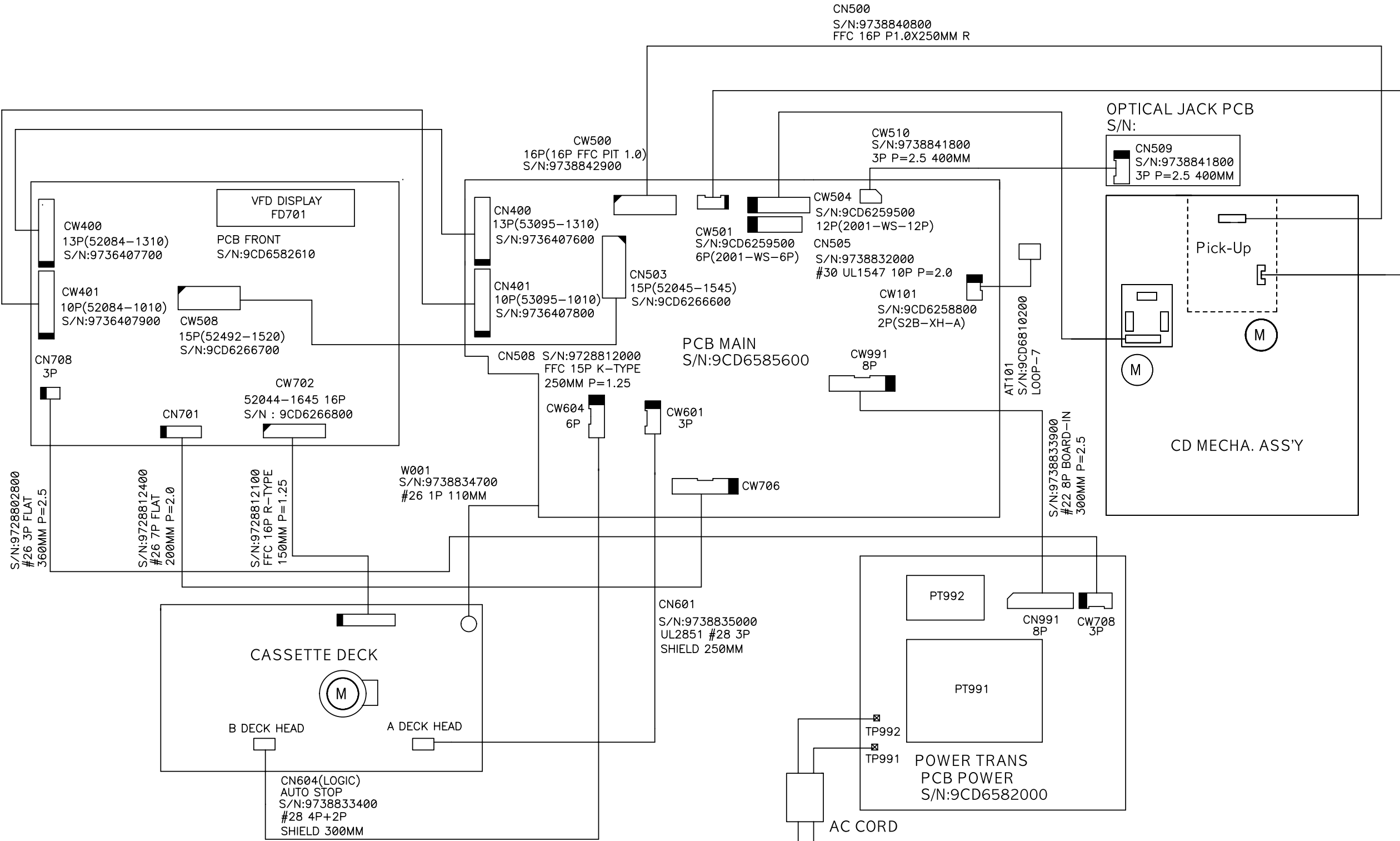
Exploded View and Mechanical Parts List

NO	PARTS NAME	CODE NO	DESCRIPTIONS	Q'TY	REMARKS
1	PANEL FRONT	9CD0308200	MIPS	1	
2	DOOR COVER A	9CD18117A0	MIPS	1	
3	DOOR COVER B	9CD18117B0	MIPS	1	
4	WINDOW DOOR A	9CD16169A0	ACRYL SMOKE20%	1	
5	WINDOW DOOR B	9CD16169B0	ACRYL SMOKE20%	1	
6	DOOR CD	9CD1811800	MIPS	1	
7	WINDOW FLT	9CD1616800	ACRYL SMOKE20%	1	
8	KNOB FUNCTION	9CD1340300	ACRYL CLEAR	1	
9	KNOB POWER	9CD1340400	MIPS	1	
10	KNOB CONTROL	9CD1340500	ABS	1	
11	KNOB UBS	9CD1340600	ACRYL LIGHTBLUE	1	
12	KNOB VOL	9CD1340700	MIPS	1	
13	SPRING DOOR EJECT L	9CD30078L0	STS	1	
14	SPRING DOOR EJECT R	9CD30078R0	STS	1	
15	GUID FLT	9CD2506600	MIPS	1	
16	DOOR FRAME A	9CD18113A0	ABS	1	
16~1	DOOR FRAME B	9CD18113B0	ABS	1	
17	BRKT SIDE	9CD2412900	MIPS	2	
18	DAMPER GEAR B	9CD2603200	ACETAL	2	
19	DAMPER BASE B	9CD2603300	ACETAL	2	
20	LOCKER BASE	9CDOB01900	ACETAL	2	
21	LOCKER CAM	9CDOB02000	ACETAL	2	
22	LOCKER SPRING	9CDOB01600	STS	2	
23	CASSETTE DECK LOGIC	9CD6010100	PIGEON CWL-44FF-33	1	
24	CUSHION FOOT	9CD4207700	EVA	2	
25	HEAT SINK	9CD4406200	BSP 0.5T	1	
26	CD DECK MECHA	9CD6009300	DCC01BC+D73S	1	
27	COVER TOP	9CD0409600	MIPS	1	
28	COVER SIDE L	9CD0409900	MIPS AMI-730L	1	
29	CHASSIS BOTTOM	9CD0607100	SCP	1	
30	FILTER FUNCTION	9CD4700900	PC T 0.15	1	
31	WASHER SCREW	9CD3102400	TT2 BIN 310 +D14	1	
32	COVER SIDE R	9CD0410000	MIPS AMI-730L	1	
33	COVER BACK	9CD0411100	MIPS	1	
34	BRKT HEATSINK	9CD2414400	ST 0.3	1	
35	HEAK SINK50	9CD4405800	AL	1	
36	BRKT HEATSINK	9CD2414600	SECC T 1.0	2	
37	PLATE FLT	9CD0911600	PC0.5T	1	
38	PLATE LED	9CD0911700	PC0.5T	1	
39	PCB FRONT	9CD6582600		1	
40	BADGE BRAND	9CD1500900	SHERWOOD	1	

NO	SCREW Q'TY	CODE NO	DESCRIPTIONS	Q'TY	REMARKS
S1	SCREW TAPTTITE	7173261011	TT2 BIN 2.610 MFZ	11	
S2	SCREW TAPTTITE	7173301011	TT2 BIN 3.010 MFZN	21	
S3	SCREW TAPTTITE	7173301212	TT2 BIN 3.012 BK	21	
S4	SCREW TAPTTITE	7173301612	TT2 BIN 3.06 MFZN	6	
S5	SCREW TAPTTITE	7173400611	TT2 BIN 4.06 MFZN	4	
S5-1	SCREW TAPTTITE	7173401011	TT2 BIN 4.010 MFZN	0	

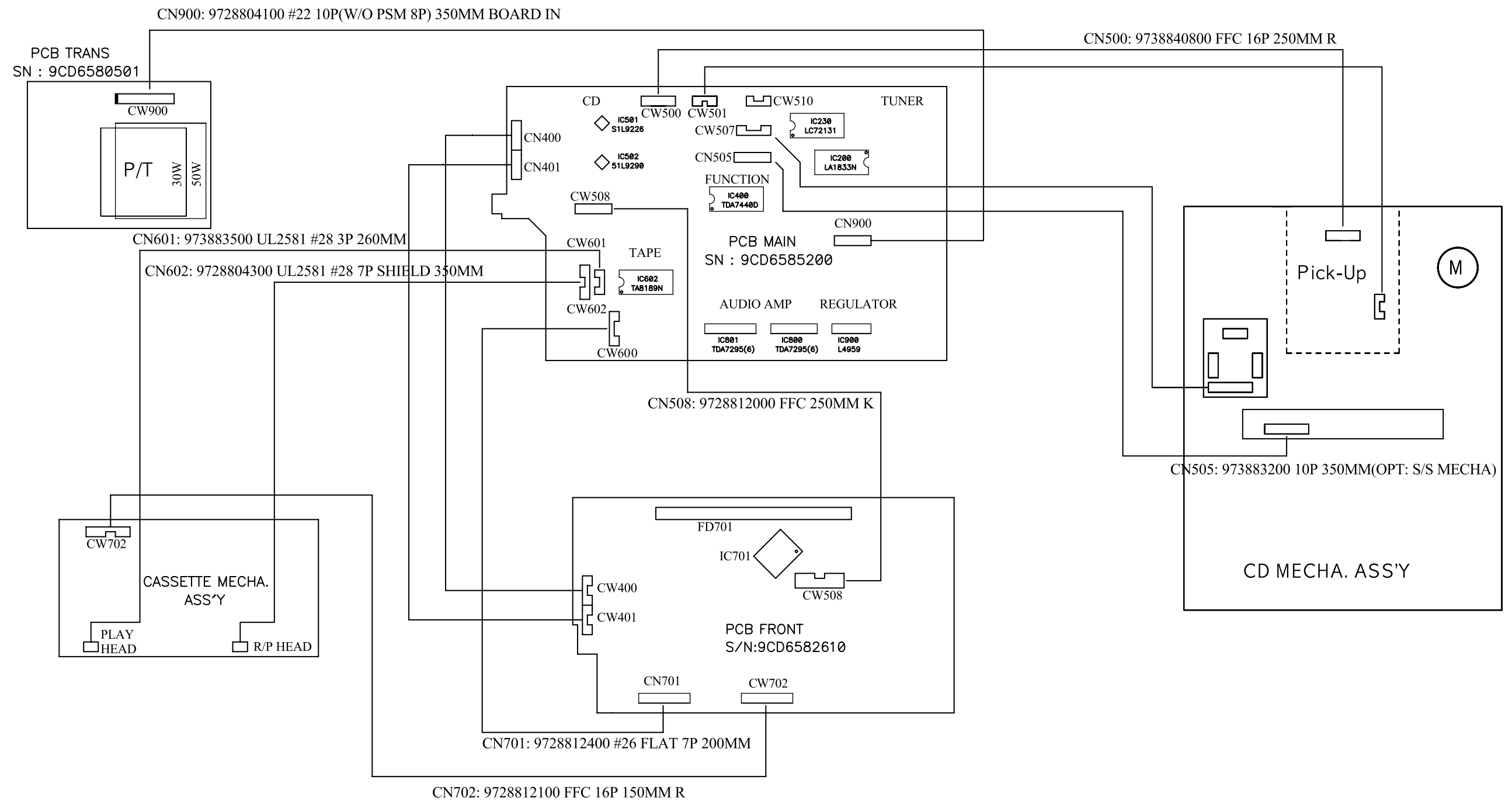
Wiring Diagram

Model : XW-212/212R



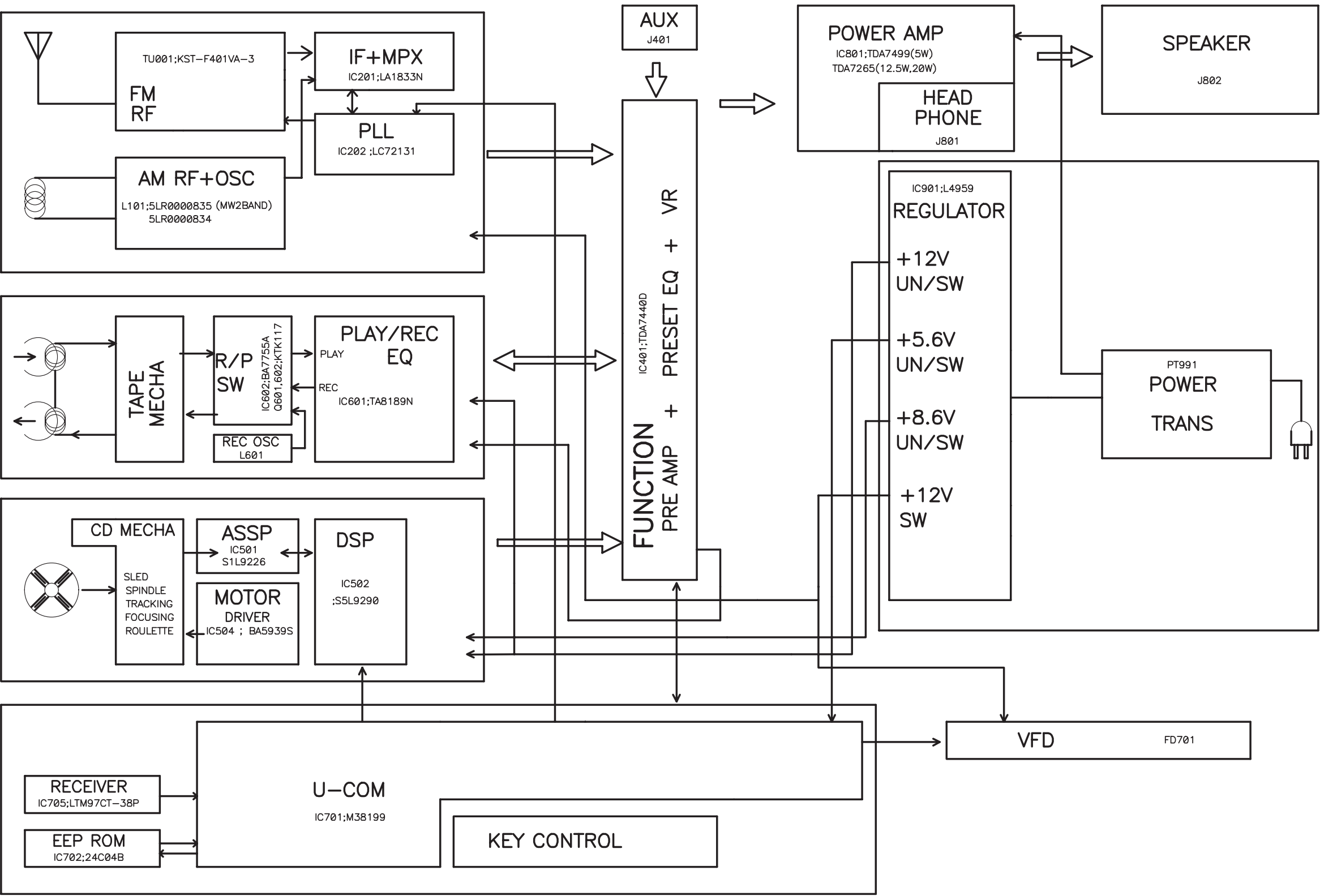
Wiring Diagram

Model : XW-214/214R, 215/215R



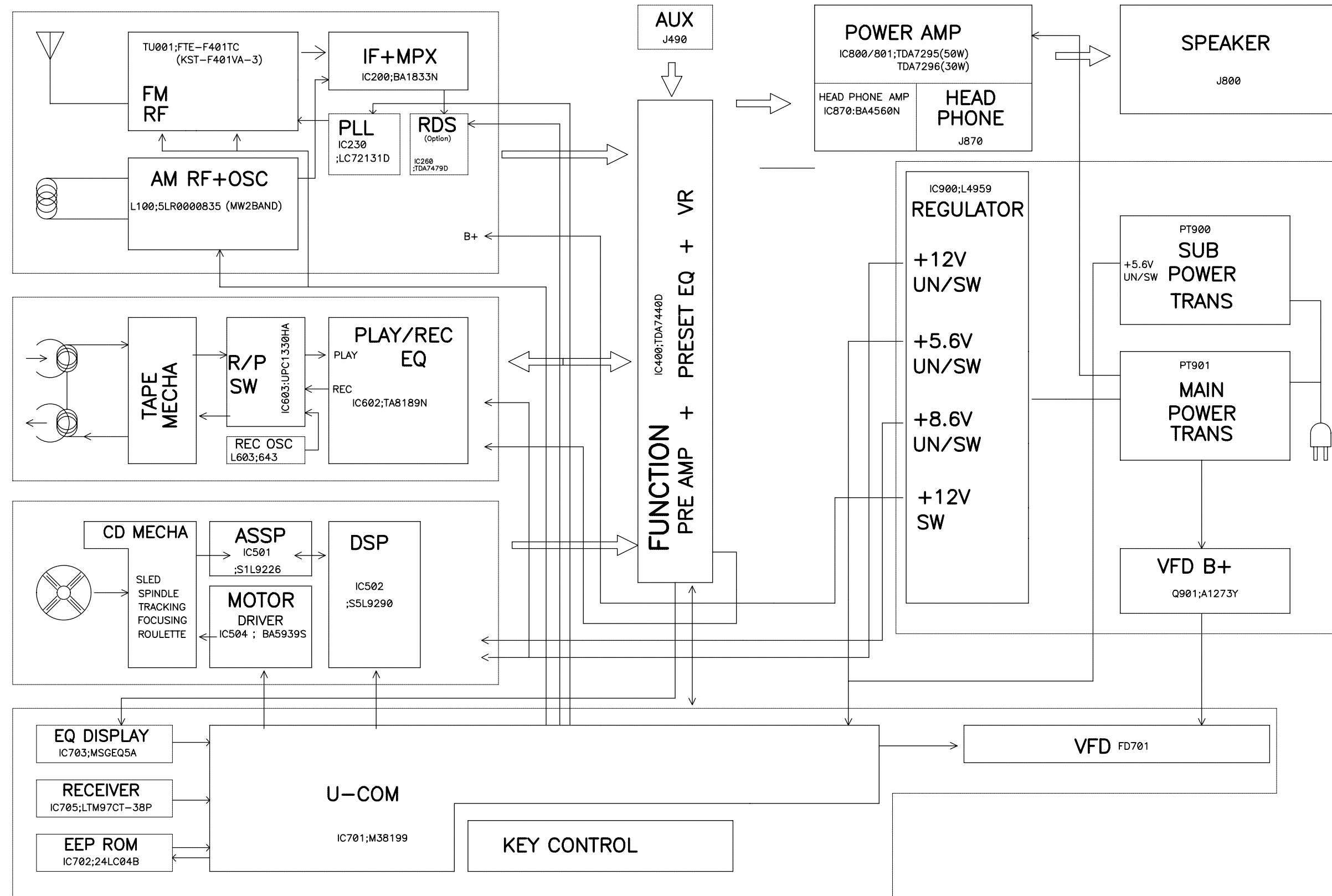
Block Diagram

Model : XW-212/212R



Block Diagram

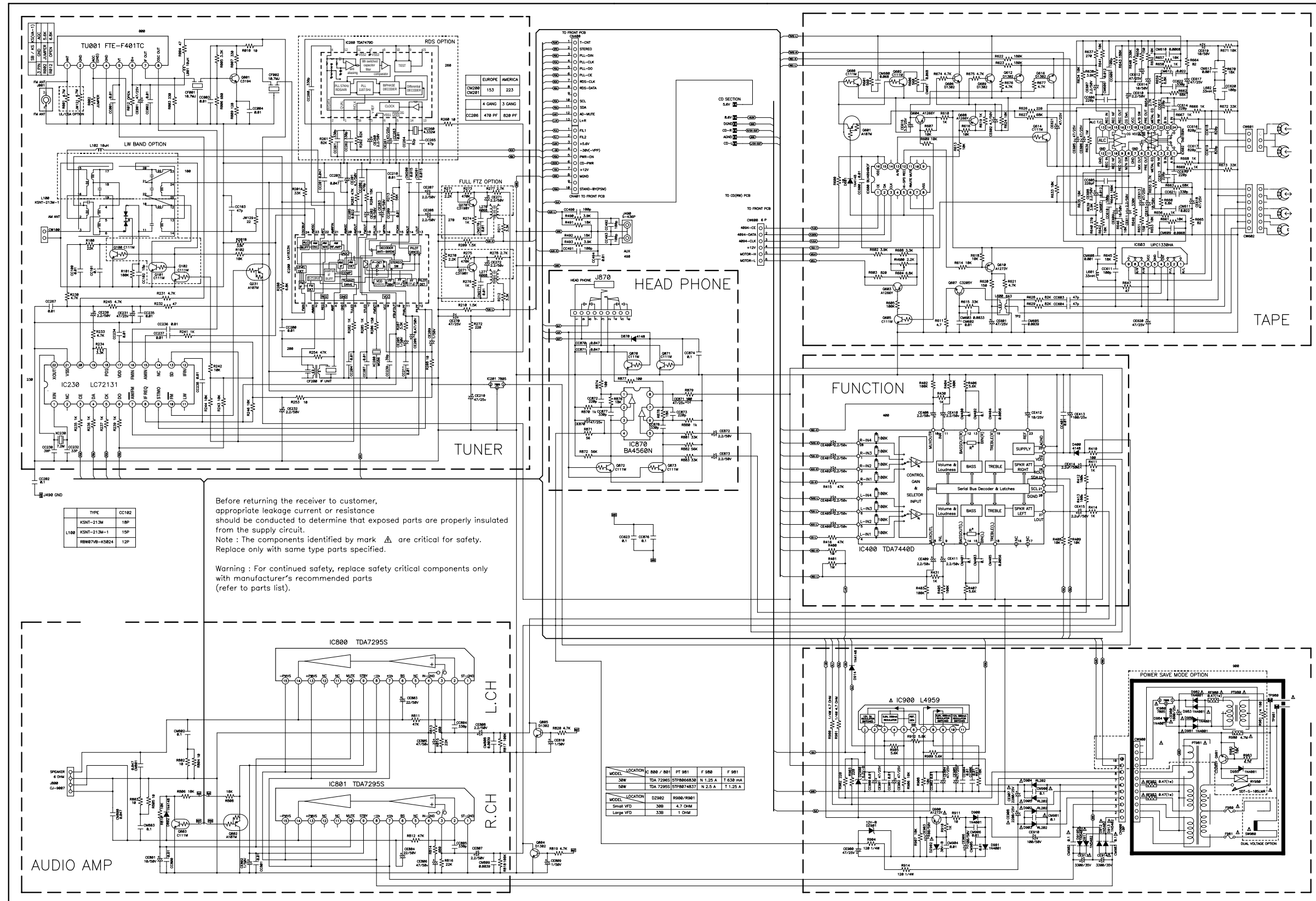
Model : XW-214/214R, 215/215R



Schematic Diagram

Model : XW-214/214R, 215/215R

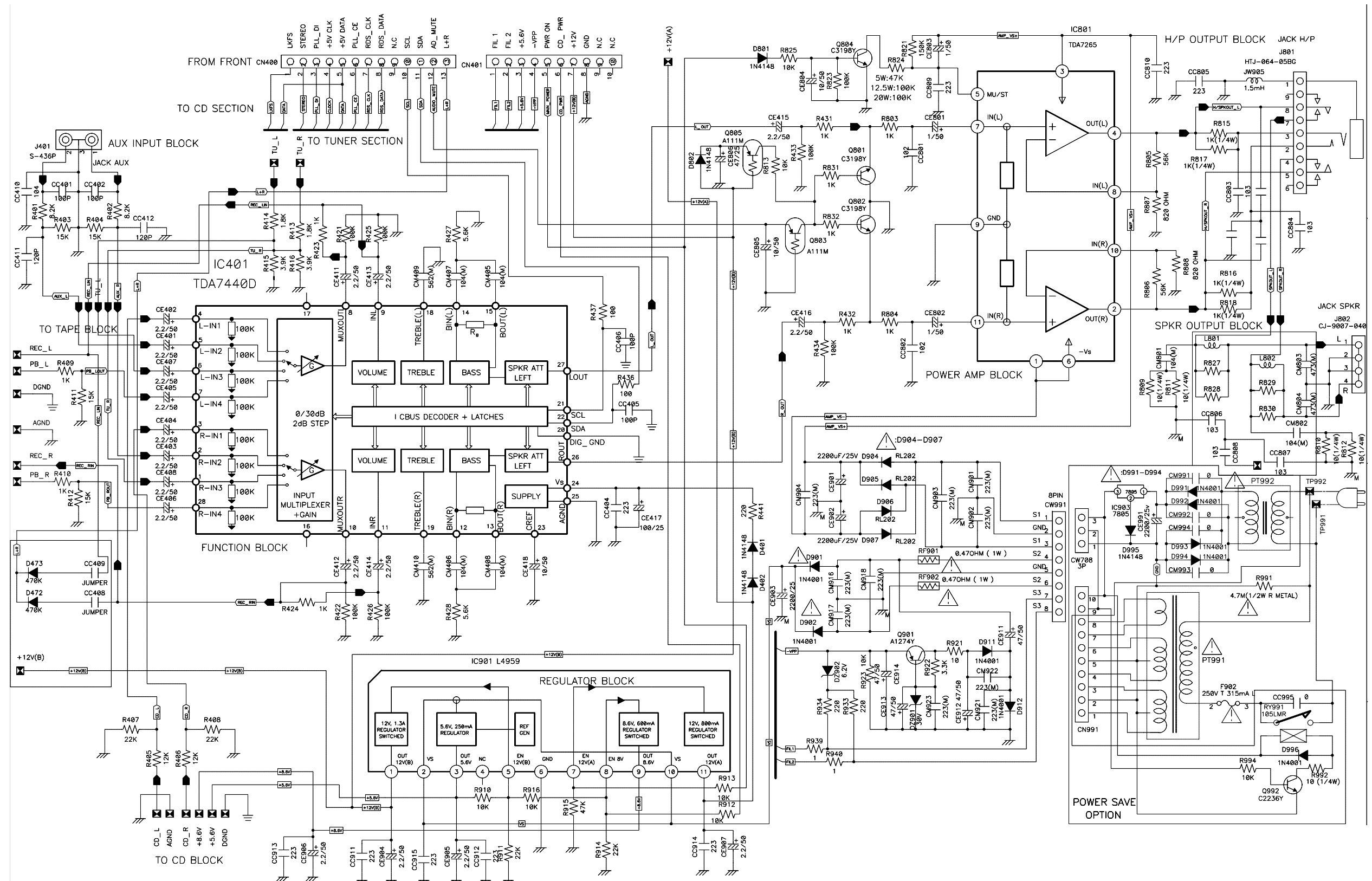
Ass'y Name : TUNER / TAPE / AMP / POWER



Schematic Diagram

Model : XW-212/212R

Ass'y Name : AMP / POWER



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

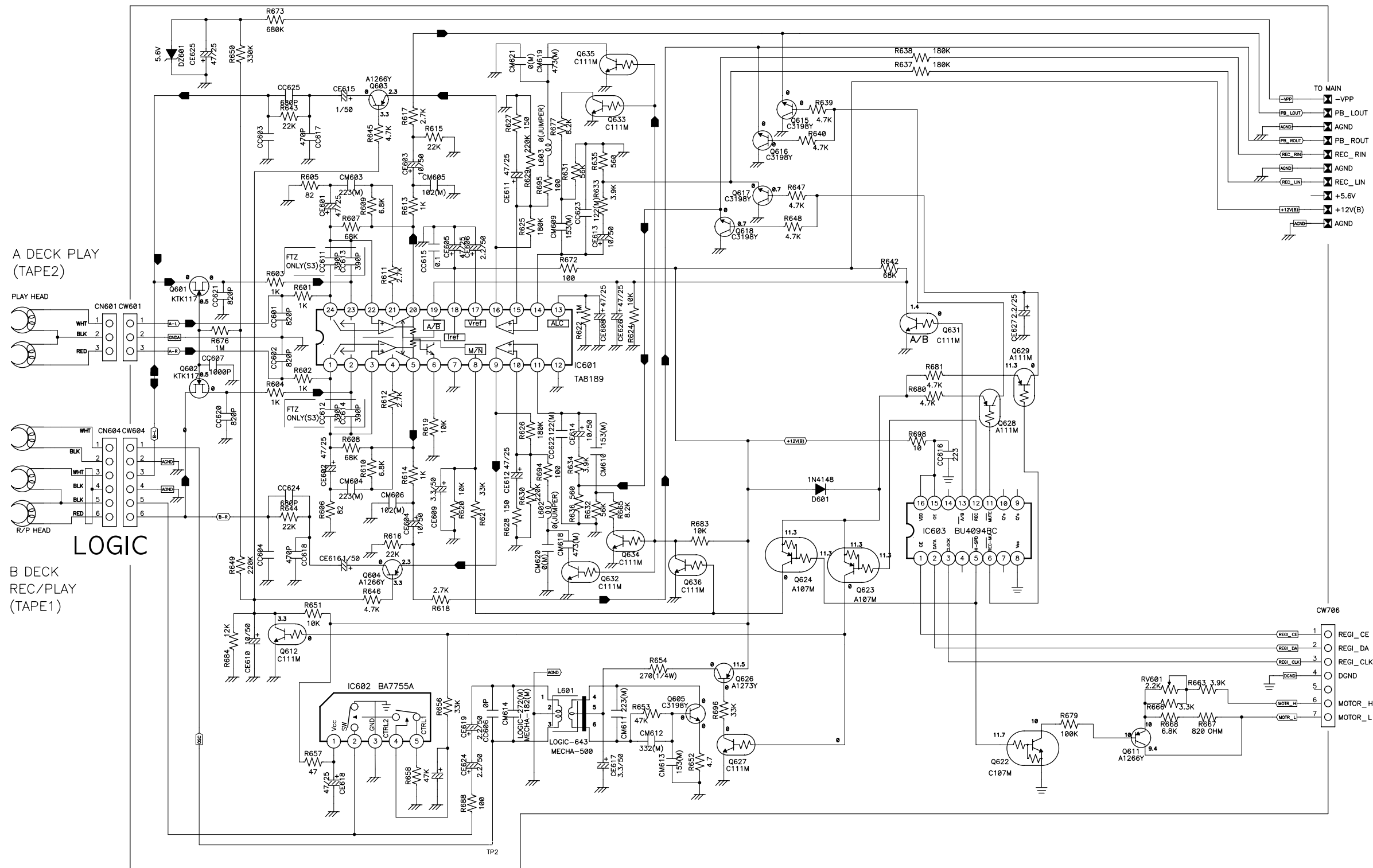
WARNING : FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURE'S RECOMMENDED PARTS

Model : XW-212/212R
Ass'y Name : TUNER



Schematic Diagram

Model : XW-212/212R
Ass'y Name : TAPE



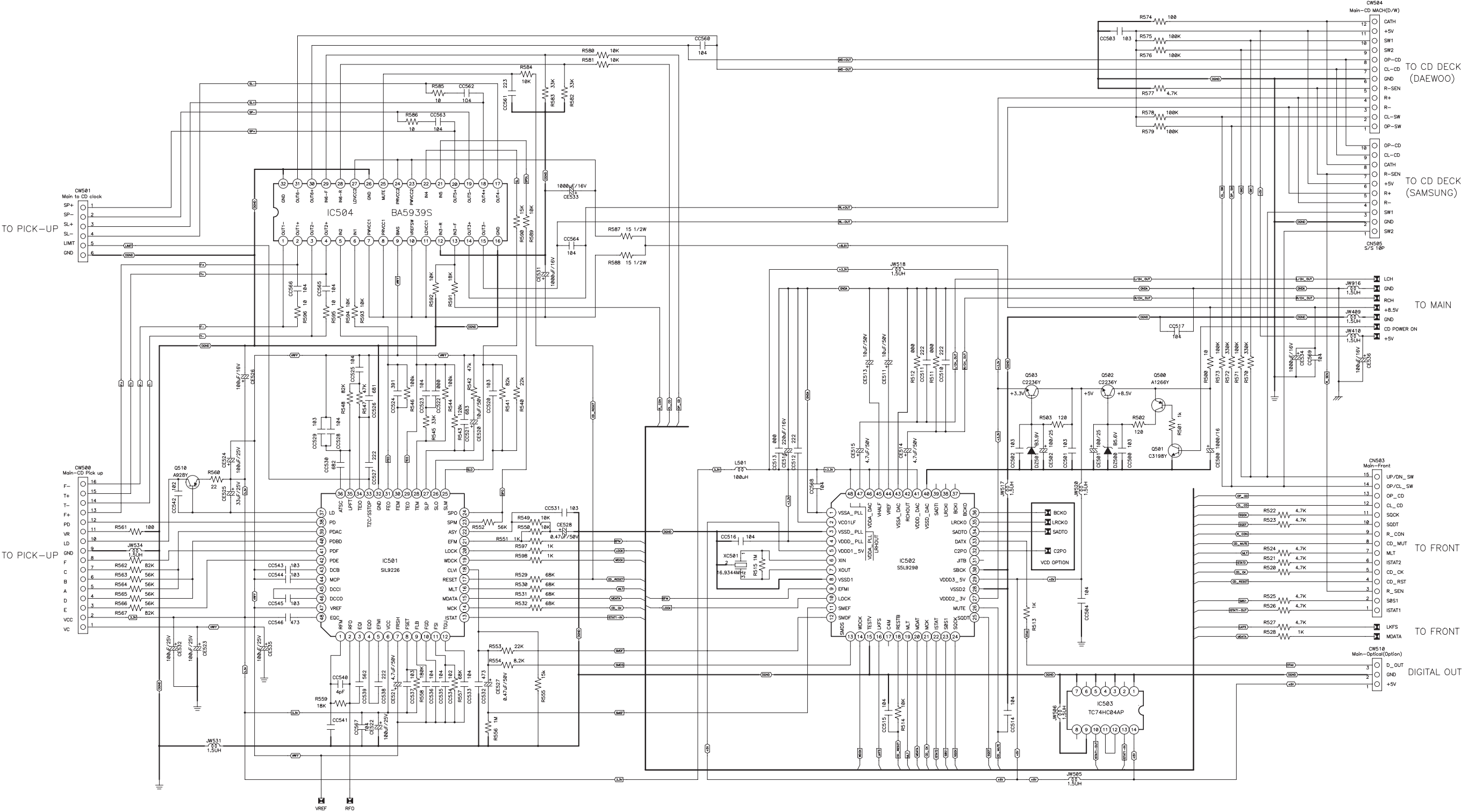
Name	Pin No	1	2	3	4	5												
IC602	Voltage(V)	11	0	GND	0	8												

Name	Pin No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
IC603	Voltage(V)	0	12	0.4	NC	11.7	0	NC	GND	NC	NC	11.9	11.9	0	NC	11.9	11.9

Name	Pin No	1	2	3	4	5	6	7	8	9	10	11	12
IC601	Voltage(V)	0	0	1.2	1.3	1.3	1.2	GND	0	2.3	1.2	0	GND
	Pin No	13	14	15	16	17	18	19	20	21	22	23	24
	Voltage(V)	0.9	0	1.2	2.3	1.4	10	1.4	1.3	1.3	1.2	0	0

Schematic Diagram

Model : XW-212/212R
Ass'y Name : CD

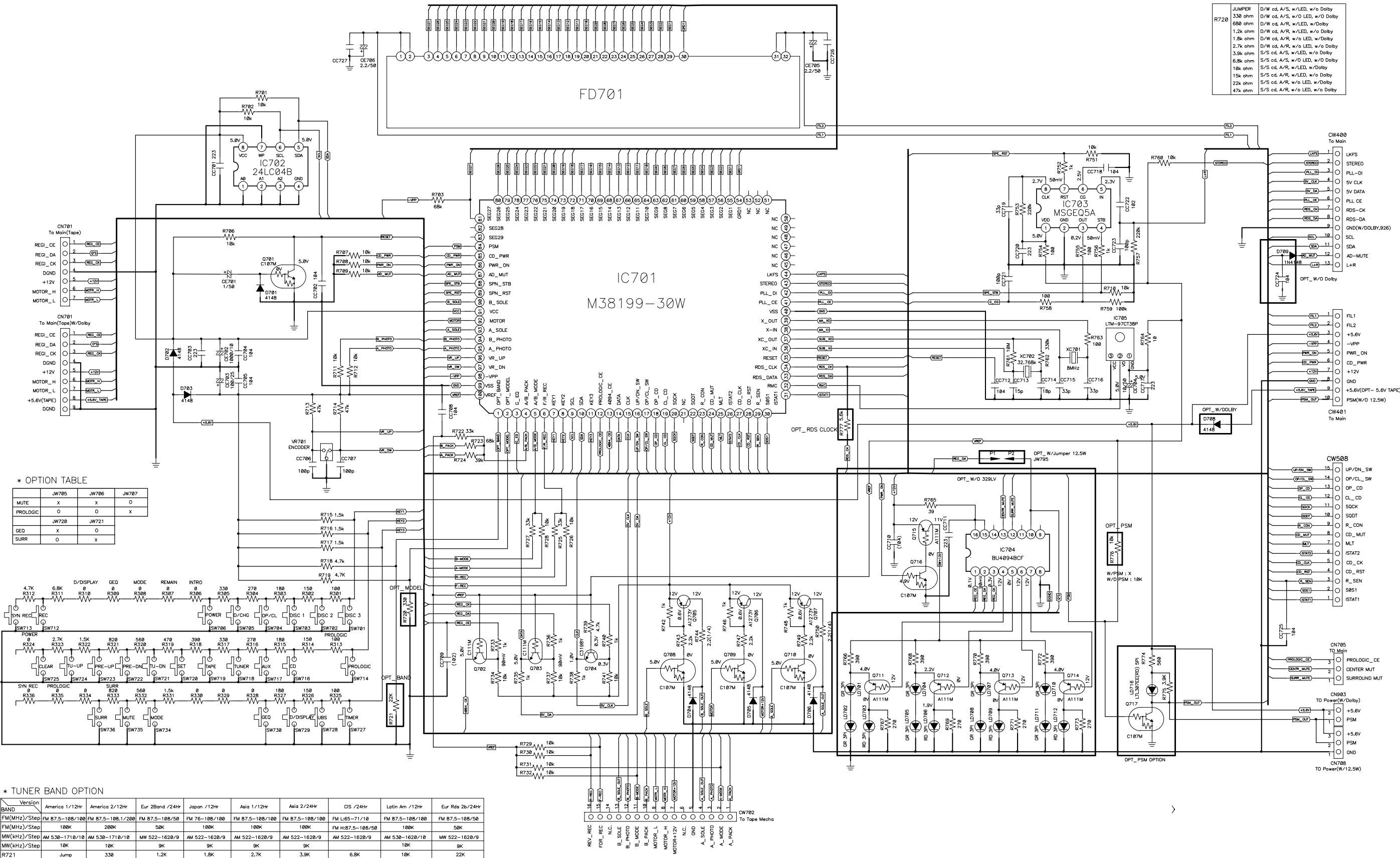


Model : XW-214/214R, 215/215R
Ass'y Name : CD



Schematic Diagram

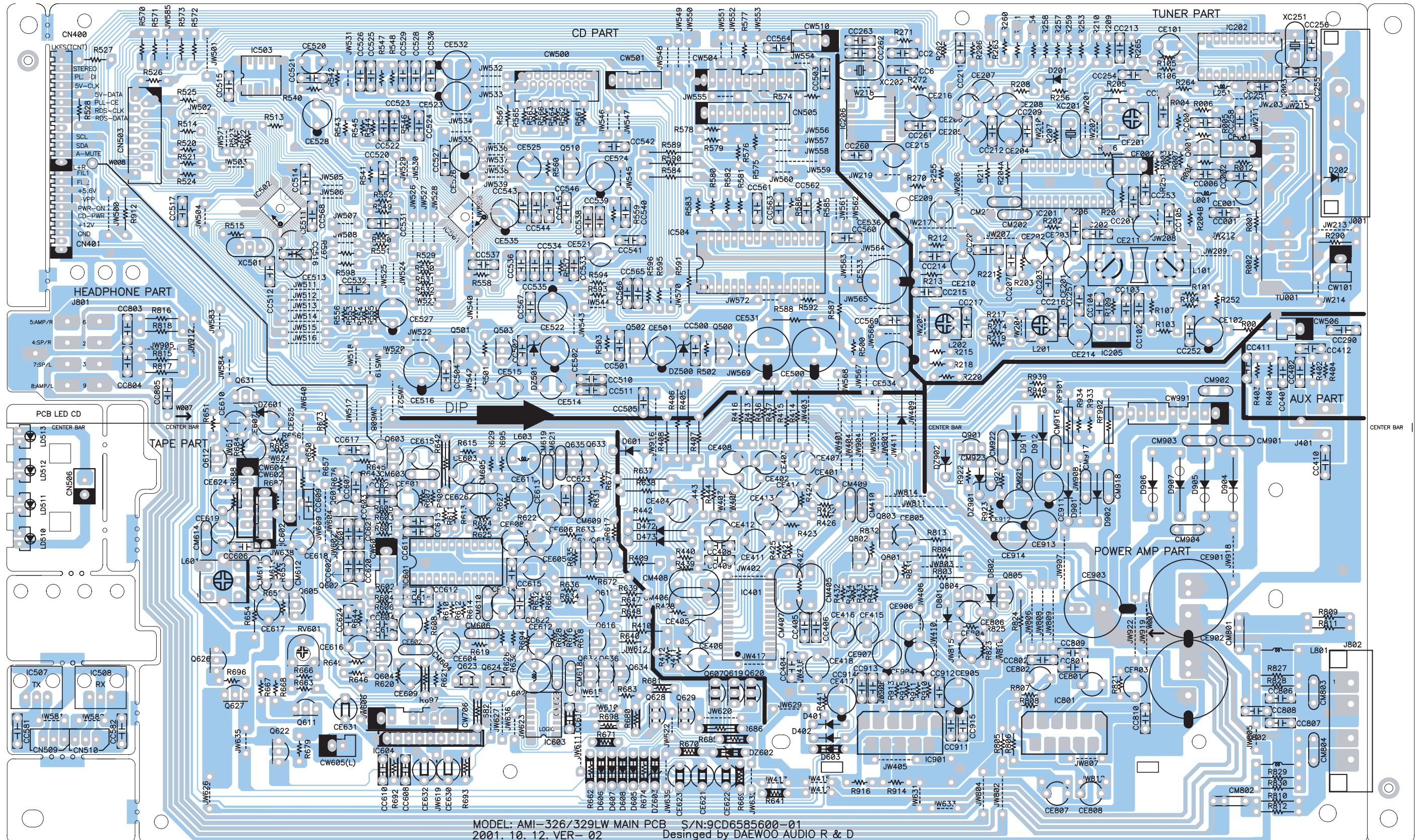
Model : XW-212/212R, XW-214/214R, 215/215R
Ass'y Name : FRONT



PC.B Pattern Layout

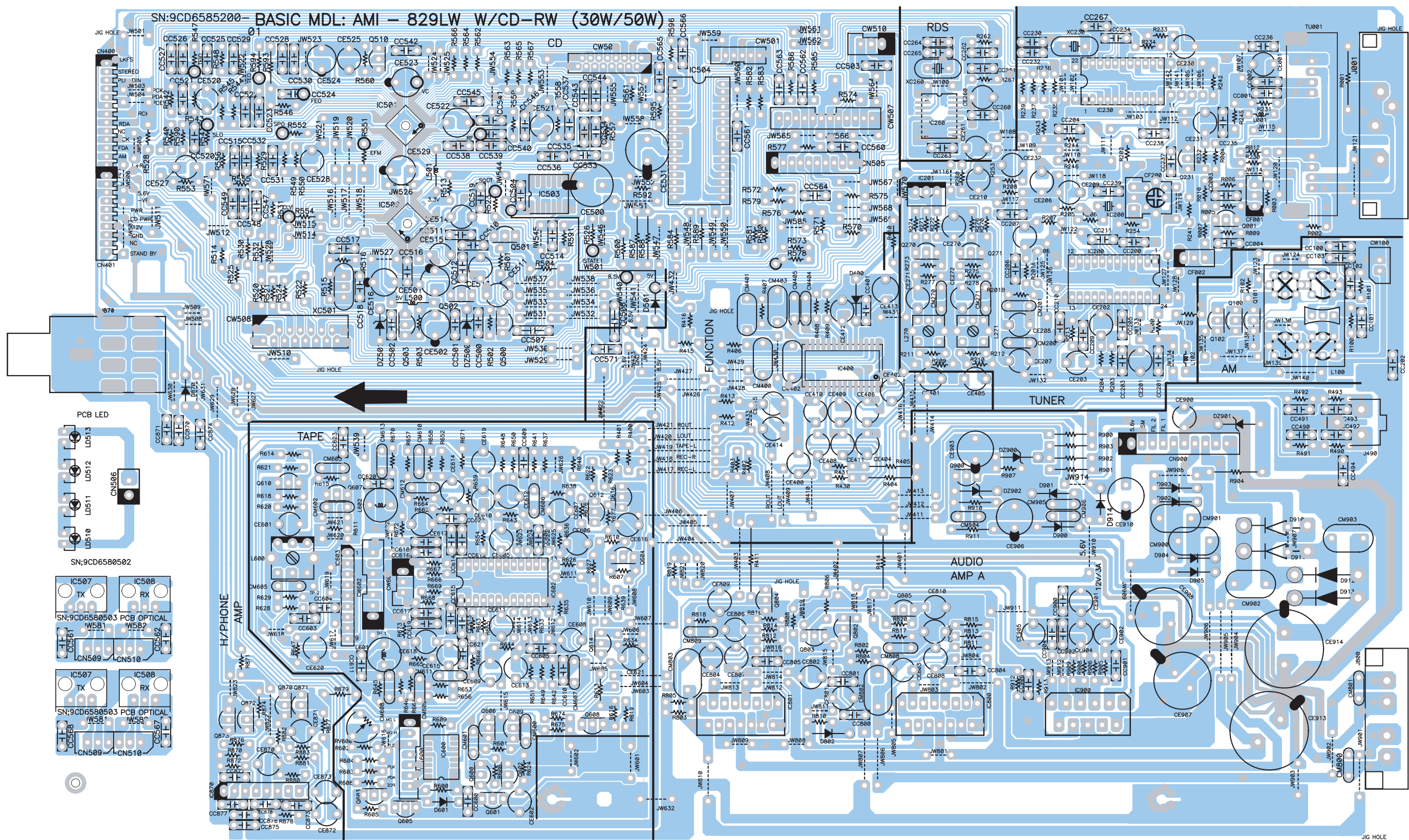
Model : XW-212/212R

Ass'y Name : MAIN PCB



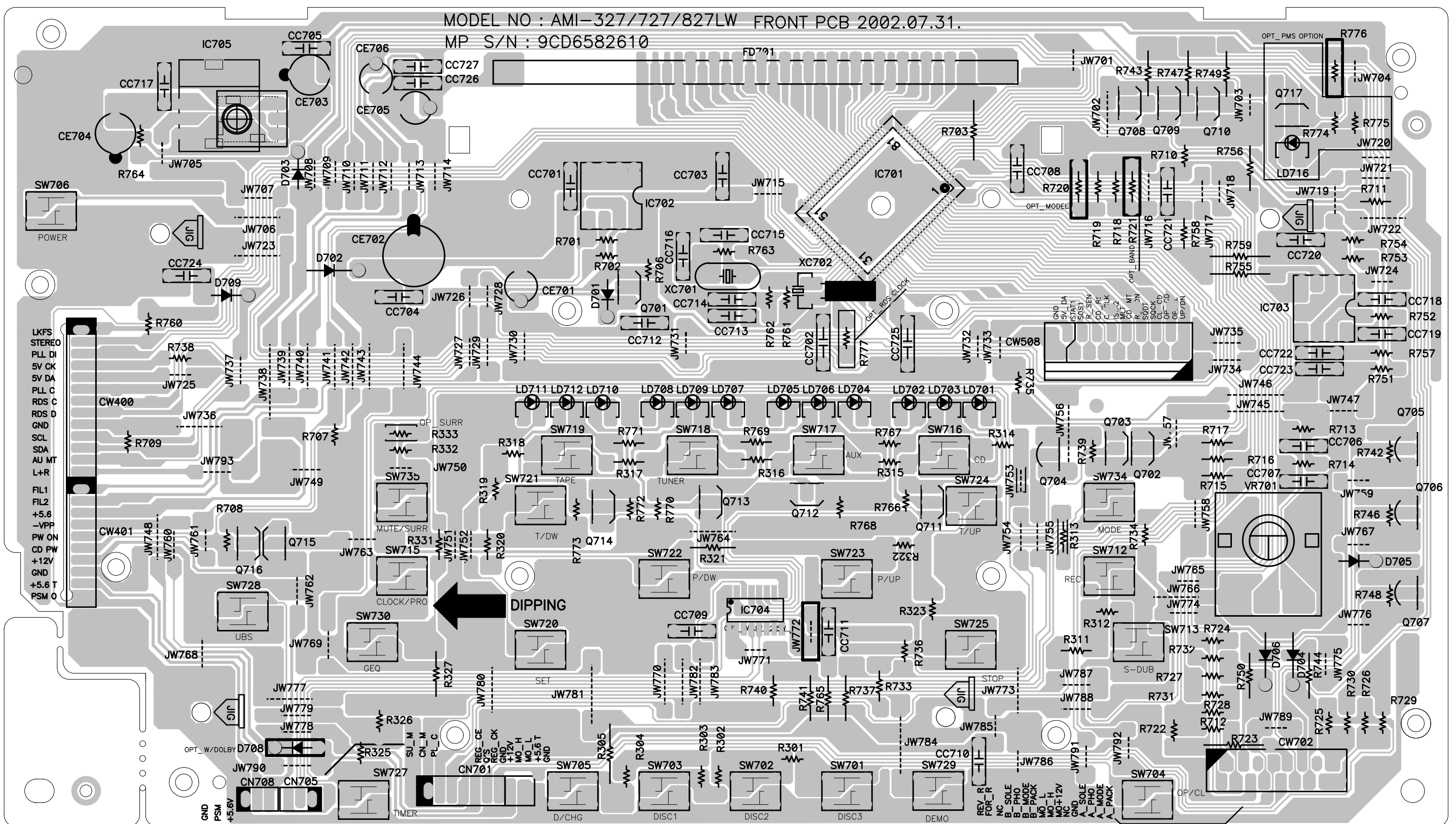
PC.B Pattern Layout

Model : XW-214/214R, 215/215R
Ass'y Name : MAIN PCB



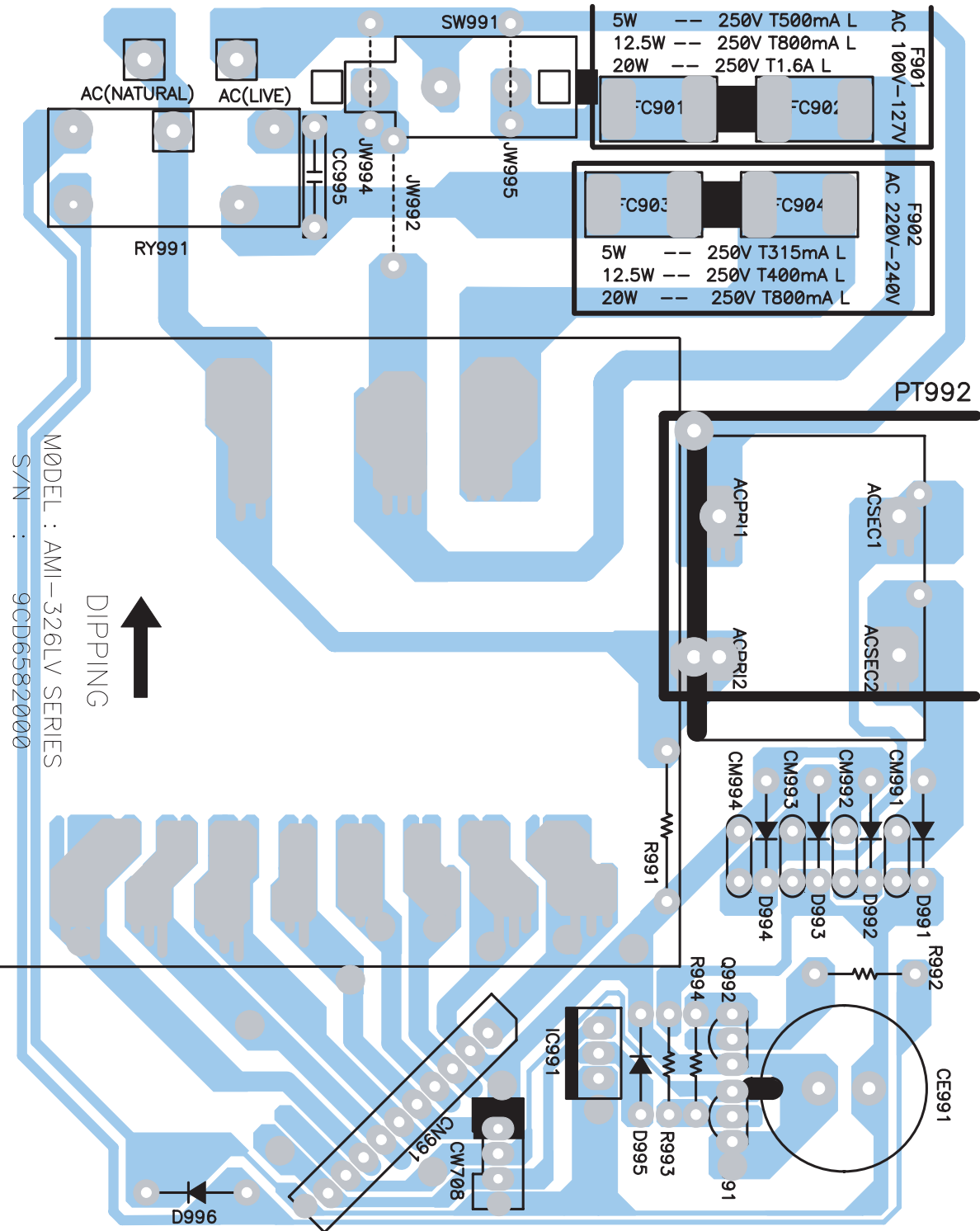
Model : XW-212/212R, XW-214/214R, 215/215R
Ass'y Name : FRONT PCB

Ass'y Name : FRONT PCB

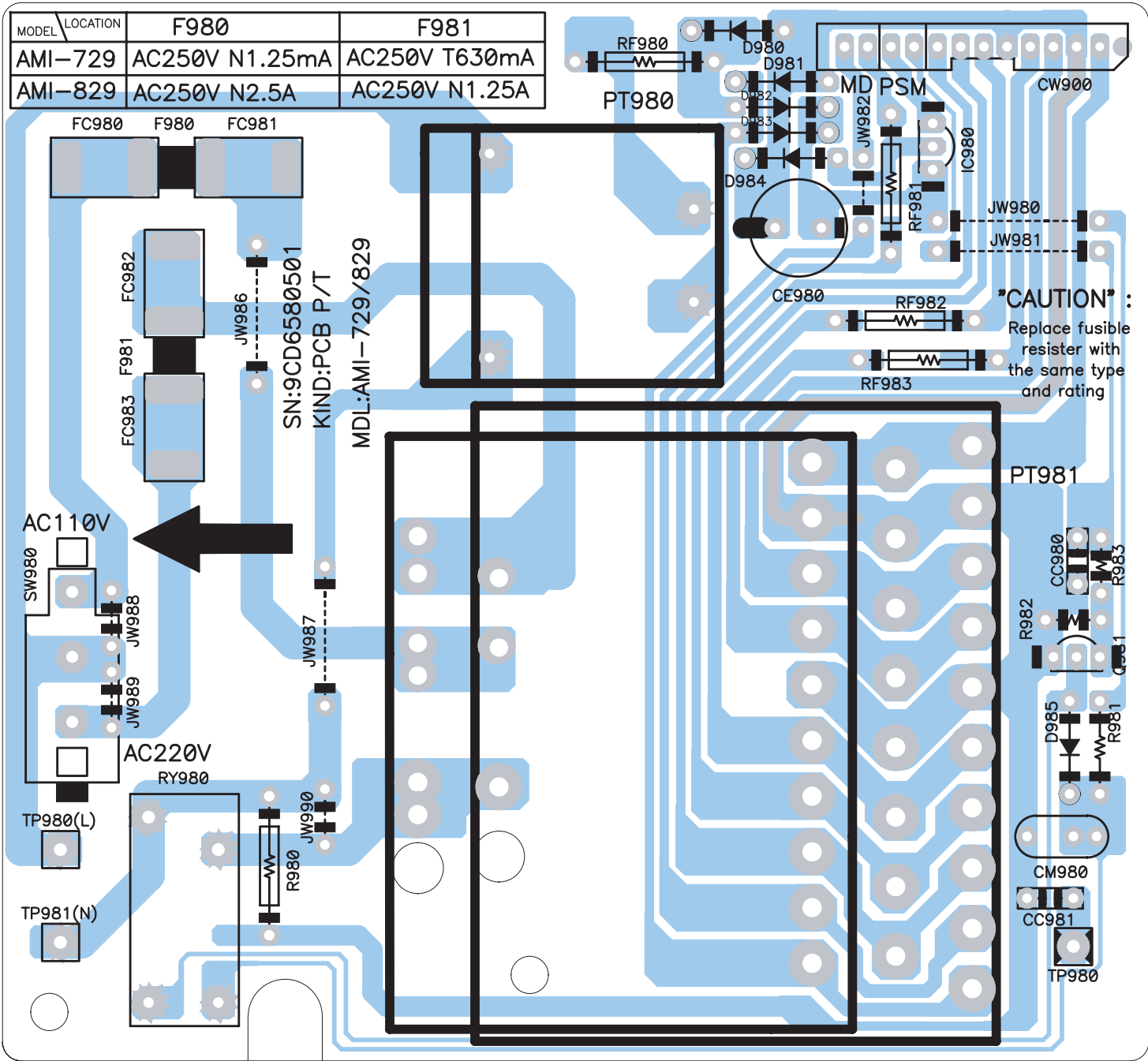


P.C.B Pattern Layout

Model : XW-212/212R
Ass'y Name : PT PCB



Model : XW-214/214R, 215/215R
Ass'y Name : PT PCB



Electrical Parts List

Model : XW-212/212R

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS
1	PCB FRONT AS	11000	9CDC061500	AXW-225		200	R CARBON FILM	R703	RD-AZ683J-	1/6 68K OHM J	
2	PCB FRONT	B001	9CD6582610	247X139X1.6T		201	R CARBON FILM	R706~712	RD-AZ103J-	1/6 10K OHM J	
3	C CERA	CC701	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		208	R CARBON FILM	R713~714	RD-AZ473J-	1/6 47K OHM J	
4	C CERA	CC702	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		210	R CARBON FILM	R715~717	RD-AZ152J-	1/6 1.5K OHM J	
5	C CERA	CC703	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		213	R CARBON FILM	R718~719	RD-AZ472J-	1/6 4.7K OHM J	
6	C CERA	CC704~705	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		215	R CARBON FILM	R720	RD-AZ122J-	1/6 1.2K OHM J	
8	C CERA	CC706~707	CCZB1H101K	HIKB 50V 100PF K (AXIAL)		216	R CARBON FILM	R721	RD-AZ223J-	1/6 22K OHM J	
10	C CERA	CC708	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		217	R CARBON FILM	R722	RD-AZ333J-	1/6 33K OHM J	
11	C CERA	CC709	CCZB1H102K	HIKB 50V 1000PF K (AXIAL)		218	R CARBON FILM	R723	RD-AZ683J-	1/6 68K OHM J	
12	C CERA	CC710	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		219	R CARBON FILM	R724	RD-AZ393J-	1/6 39K OHM J	
13	C CERA	CC711	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		220	R CARBON FILM	R725	RD-AZ333J-	1/6 33K OHM J	
14	C CERA	CC712	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		221	R CARBON FILM	R726	RD-AZ103J-	1/6 10K OHM J	
15	C CERA	CC713	CZCH1H150J	CH 50V 15PF J (AXIAL)		222	R CARBON FILM	R727	RD-AZ333J-	1/6 33K OHM J	
16	C CERA	CC714	CZCH1H180J	CH 50V 18PF J (AXIAL)		223	R CARBON FILM	R728~732	RD-AZ103J-	1/6 10K OHM J	
17	C CERA	CC715~716	CZSL1H330J	SL 50V 33PF J (AXIAL)		228	R CARBON FILM	R733	RD-AZ102J-	1/6 1K OHM J	
19	C CERA	CC717	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		229	R CARBON FILM	R734	RD-AZ103J-	1/6 10K OHM J	
20	C CERA	CC718	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		230	R CARBON FILM	R735~736	RD-AZ102J-	1/6 1K OHM J	
21	C CERA	CC719	CZSL1H330J	SL 50V 33PF J (AXIAL)		232	R CARBON FILM	R737	RD-AZ103J-	1/6 10K OHM J	
22	C CERA	CC720	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		233	R CARBON FILM	R738	RD-AZ102J-	1/6 1K OHM J	
23	C CERA	CC721	CCZB1H101K	HIKB 50V 100PF K (AXIAL)		234	R CARBON FILM	R739	RD-AZ472J-	1/6 4.7K OHM J	
24	C CERA	CC722	CCZB1H102K	HIKB 50V 1000PF K (AXIAL)		235	R CARBON FILM	R740	RD-AZ102J-	1/6 1K OHM J	
25	C CERA	CC723	CCZB1H101K	HIKB 50V 1000PF K (AXIAL)		236	R CARBON FILM	R741	RD-AZ103J-	1/6 10K OHM J	
26	C CERA	CC724~725	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		237	R CARBON FILM	R742	RD-AZ102J-	1/6 1K OHM J	
28	C ELECTRO	CE701	CEXF1H109V	50V RSS 1MF (5X11) TP		238	R CARBON FILM	R743	RD-AZ222J-	1/6 2.2K OHM J	
29	C ELECTRO	CE702	CEXF1A102V	10V RSS 1000MF (8X12.5) TP		239	R CARBON FILM	R744	RD-AZ229J-	1/4 2.2 OHM J	
30	C ELECTRO	CE703	CEXF1E101V	25V RSS 100MF (6.3X11) TP		240	R CARBON FILM	R746	RD-AZ102J-	1/6 1K OHM J	
31	C ELECTRO	CE704	CEXF1H100V	50V RSS 10MF (5X11) TP		241	R CARBON FILM	R747	RD-AZ222J-	1/6 2.2K OHM J	
32	C ELECTRO	CE705~706	CEXF1H229V	50V RSS 2.2MF (5X11) TP		242	R CARBON FILM	R748	RD-AZ102J-	1/6 1K OHM J	
34	CONN AS	CN701	9728812400	#26 FLAT 200MM TP		243	R CARBON FILM	R749	RD-AZ222J-	1/6 2.2K OHM J	
35	CONN AS	CN702	9728812101	FFC 16P P1.25X220MM R		244	R CARBON FILM	R750	RD-AZ229J-	1/4 2.2 OHM J	
36	PIN WAFER	CW400	9736407700	52084-1310 13P BOTTOM		245	R CARBON FILM	R751	RD-AZ103J-	1/6 10K OHM J	
37	PIN WAFER	CW401	9736407900	52084-1010 10P BOTTOM		246	R CARBON FILM	R752	RD-AZ102J-	1/6 1K OHM J	
38	WAFER	CW508	9CD6266700	52492-1520 BOTTOM ENTRY		247	R CARBON FILM	R753	RD-AZ224J-	1/6 220K OHM J	
39	WAFER	CW702	9CD6259700	52044-1645		248	R CARBON FILM	R754~755	RD-AZ101J-	1/6 100 OHM J	
40	DIODE	D701~706	DZN4148---	IN4148 AUTO 52MM		250	R CARBON FILM	R756	RD-AZ102J-	1/6 1K OHM J	
46	WIRE JUMPER	D708	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		251	R CARBON FILM	R757	RD-AZ224J-	1/6 220K OHM J	
47	DIODE	D709	DZN4148---	IN4148 AUTO 52MM		252	R CARBON FILM	R758	RD-AZ101J-	1/6 100 OHM J	
48	VFD	FD701	DHNA11MS26	HNA-11MS26		253	R CARBON FILM	R759	RD-AZ104J-	1/6 100K OHM J	
49	IC	IC701	1M38199279F	U-COM M38199-279FP		254	R CARBON FILM	R760	RD-AZ103J-	1/6 10K OHM J	
50	IC MEMORY	IC702	1M24C04---	M24C04-BN6		255	R CARBON FILM	R761	RD-AZ106J-	1/6 10M OHM J	
51	IC	IC703	1MSGEQ5A-	MSGEQ5A		256	R CARBON FILM	R762	RD-AZ334J-	1/6 330K OHM J	
52	IC	IC704	1F4094BM1T	HCF4094M013TR		257	R CARBON FILM	R763	RD-AZ101J-	1/6 100 OHM J	
53	IC PRE AMP	IC705	1HK381B-DW	HK381BT-DW		258	R CARBON FILM	R764	RD-AZ100J-	1/6 10 OHM J	
148	LED	LD701~702	DSLR332MC3F	SLR332MC3F(GREEN)PI3		259	R CARBON FILM	R765	RD-AZ390J-	1/6 39 OHM J	
148	LED	LD703	DSLR332VC3F	SLR332VC3F(RED)PI3		260	R CARBON FILM	R766	RD-AZ391J-	1/6 390 OHM J	
149	LED	LD704~705	DSLR332MC3F	SLR332MC3F(GREEN)PI3		261	R CARBON FILM	R767	RD-AZ271J-	1/6 270 OHM J	
151	LED	LD706	DSLR332VC3F	SLR332VC3F(RED)PI3		262	R CARBON FILM	R768	RD-AZ391J-	1/6 390 OHM J	
152	LED	LD707~708	DSLR332MC3F	SLR332MC3F(GREEN)PI3		263	R CARBON FILM	R769	RD-AZ271J-	1/6 270 OHM J	
154	LED	LD709	DSLR332VC3F	SLR332VC3F(RED)PI3		264	R CARBON FILM	R770	RD-AZ391J-	1/6 390 OHM J	
155	LED	LD710~711	DSLR332MC3F	SLR332MC3F(GREEN)PI3		265	R CARBON FILM	R771	RD-AZ271J-	1/6 270 OHM J	
157	LED	LD712	DSLR332VC3F	SLR332VC3F(RED)PI3		266	R CARBON FILM	R772	RD-AZ391J-	1/6 390 OHM J	
158	TR	Q701	TZRC107M---	KRC107M (DTC114YS) (KSR1006)		267	R CARBON FILM	R773	RD-AZ271J-	1/6 270 OHM J	
159	TR	Q702~703	TZRC111M---	KRC111M (DTC114TS) (KSR1010)		268	R CARBON FILM	R776	RD-AZ103J-	1/6 10K OHM J	
161	TR	Q704	TZTC198Y-	KTC3198Y (2SC5343) AUTO		269	WIRE JUMPER	R777	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
162	TR	Q705~707	TZTA1273Y-	KTA1273Y (A966Y) (2SA928A-Y) AUTO		270	SW TACT	SW701~706	5S50101001	KPT-1105A 1C-1P	
165	TR	Q708~710	TZRC107M---	KRC107M (DTC114YS) (KSR1006)		276	SW TACT	SW712~713	5S50101001	KPT-1105A 1C-1P	
168	TR	Q711~715	TZRA111M---	KRA111M (KSR2010) AUTO		278	SW TACT	SW715~725	5S50101001	KPT-1105A 1C-1P	
173	TR	Q716	TZRC107M---	KRC107M (DTC114YS) (KSR1006)		289	SW TACT	SW727~730	5S50101001	KPT-1105A 1C-1P	
174	R CARBON FILM	R301	RD-AZ101J-	1/6 100 OHM J		293	SW TACT	SW734~735	5S50101001	KPT-1105A 1C-1P	
175	R CARBON FILM	R302	RD-AZ151J-	1/6 150 OHM J		295	SW ENCODER	VR701	SSH162401-	EC16B24204 24P W/DETENT	
176	R CARBON FILM	R303	RD-AZ181J-	1/6 180 OHM J		296	RESONATOR	XC701	5PCSABMTZ-	CSALA8M00T55-B0 (8.00MTZ)	
177	R CARBON FILM	R304	RD-AZ271J-	1/6 270 OHM J		297	X-TAL	XC702	5XA32R768-	DT-38 32.768KHZ 20PPM	
178	R CARBON FILM	R305	RD-AZ331J-	1/6 330 OHM J		1	PCB MAIN AS	10000	9CDC059600	AMI-326LW	
179	R CARBON FILM	R311	RD-AZ682J-	1/6 6.8K OHM J		2	PCB MAIN	B001	9CD6585600	330X197X1.6T	
180	R CARBON FILM	R312	RD-AZ472J-	1/6 4.7K OHM J		3	C CERA	CC001	CCZB1E102K	25V B 1000PF K (AXIAL)	
181	R CARBON FILM	R313	RD-AZ101J-	1/6 100 OHM J		4	C CERA	CC002	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
182	R CARBON FILM	R314	RD-AZ151J-	1/6 150 OHM J		5	C CERA	CC004	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
183	R CARBON FILM	R315	RD-AZ181J-	1/6 180 OHM J		6	C CERA	CC006	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
184	R CARBON FILM	R316	RD-AZ271J-	1/6 270 OHM J		7	C CERA	CC102	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
185	R CARBON FILM	R317	RD-AZ331J-	1/6 330 OHM J		8	C CERA	CC103	CCXF1H104Z	50V F 0.1MF Z	
186	R CARBON FILM	R318	RD-AZ391J-	1/6 390 OHM J		9	C CERA	CC104	CZCH1H150J	50V CH 15PF J (AXIAL)	
187	R CARBON FILM	R319	RD-AZ471J-	1/6 470 OHM J		10	C CERA	CC105	CZCH1E820J	CH 25V 82PF J AXL 52MM	
188	R CARBON FILM	R320	RD-AZ561J-	1/6 560 OHM J		11	C CERA	CC201~202	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	
189	R CARBON FILM	R321	RD-AZ821J-	1/6 820 OHM J		12	C CERA	CC203	CCZB1E561K	25V B 560PF K (AXIAL)	
190	R CARBON FILM	R322	RD-AZ152J-	1/6 1.5K OHM J		13	C CERA	CC205	CCZB1E472K	25V B 4700PF K (AXIAL)	
191	R CARBON FILM	R323	RD-AZ272J-	1/6 2.7K OHM J		14	C CERA	CC206	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	
192	R CARBON FILM	R325	RD-AZ101J-	1/6 100 OHM J		15	C CERA	CC207	CCXF1H104Z	50V F 0.1MF Z	
193	R CARBON FILM	R326	RD-AZ151J-	1/6 150 OHM J		16	C CERA	CC209	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	
194	R CARBON FILM	R327	RD-AZ181J-	1/6 180 OHM J		17	C CERA	CC210~213	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
195	R CARBON FILM	R331	RD-AZ152J-	1/6 1.5K OHM J		18	C CERA	CC216~217	CCZB1E682K	25V B 6800PF K (AXIAL)	
196	R CARBON FILM	R332	RD-AZ561J-	1/6 560 OHM J		19	C CERA	CC251	CCXF1H104Z	50V F 0.1MF Z	
197	R CARBON FILM	R333	RD-AZ821J-	1/6 820 OHM J		20	C CERA	CC252	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
198	R CARBON FILM	R701~702	RD-AZ103J-	1/6 10K OHM J		21	C CERA	CC253~254	CCZB1E102K	25V B 1000PF K (AXIAL)	

Electrical Parts List

Model : XW-212/212R

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS
22	C CERA	CC255	CZCH1E360J	CH 25V 36PF J AXIAL 52MM		105	C ELECTRO	CE520	CEXF1H100V	50V RSS 10MF (5X11) TP	
23	C CERA	CC256	CZCH1E330J	CH 25V 33PF J AXIAL 52MM		106	C ELECTRO	CE521	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
24	C CERA	CC257	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		107	C ELECTRO	CE522-524	CEXF1E101V	25V RSS 100MF (6.3X11) TP	
25	C CERA	CC258	CCZB1E102K	25V B 1000PF K (AXIAL)		108	C ELECTRO	CE525	CEXF1E330V	25V RSS 33MF (5X11) TP	
26	C CERA	CC260	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		109	C ELECTRO	CE526	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
27	C CERA	CC261	CCXB1H331K	50V B 330PF K (TAPPING)		110	C ELECTRO	CE527-528	CEXF1H478V	50V RSS 0.47MF (5X11) TP	
28	C CERA	CC262	CXCH1H470J	50V CH 47PF J (TAPPING)		111	C ELECTRO	CE531	CEXF1C102V	16V RSS 1000MF (10X20) TP	
29	C CERA	CC263	CXCH1H820J	50V CH 82PF J (TAPPING)		112	C ELECTRO	CE532	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
30	C CERA	CC290	CCXF1H104Z	50V F 0.1MF Z		113	C ELECTRO	CE533-534	CEYF1C102V	16V RSS 1000MF (10X20)	
31	C CERA	CC401-402	CXCH1H101J	50V CH 100PF J (TAPPING)		114	C ELECTRO	CE535-536	CEXF1C101V	16V RSS 100MF (6.3X11) TP	
32	C CERA	CC404	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		115	C ELECTRO	CE537	CEXF1H100V	50V RSS 10MF (5X11) TP	
33	C CERA	CC405-406	CXCH1H101J	50V CH 100PF J (TAPPING)		116	C ELECTRO	CE601-602	CEXF1E470V	25V RSS 47MF (5X11) TP	
34	WIRE JUMPER	CC408	W581GY509S	AWG22 1/0.65 SN 5 AUTO		117	C ELECTRO	CE603-604	CEXF1H100V	50V RSS 10MF (5X11) TP	
35	WIRE JUMPER	CC409	W581GY509S	AWG22 1/0.65 SN 5 AUTO		118	C ELECTRO	CE605	CEXF1E470V	25V RSS 47MF (5X11) TP	
36	C CERA	CC410	CCXF1H104Z	50V F 0.1MF Z		119	C ELECTRO	CE606	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
37	C CERA	CC411-412	CCXB1H121K	50V B 120PF K (TAPPING)		120	C ELECTRO	CE608	CEXF1E470V	25V RSS 47MF (5X11) TP	
38	C CERA	CC500-503	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		121	C ELECTRO	CE609	CEXF1H339V	50V RSS 3.3MF (5X11) TP	
39	C CERA	CC504	CCXF1H104Z	50V F 0.1MF Z		122	C ELECTRO	CE610	CEXF1H100V	50V RSS 10MF (5X11) TP	
40	C CERA	CC510-512	CCXB1H222K	50V B 2200PF K (TAPPING)		123	C ELECTRO	CE611-612	CEXF1E470V	25V RSS 47MF (5X11) TP	
41	C CERA	CC514-517	CCXF1H104Z	50V F 0.1MF Z		124	C ELECTRO	CE613-614	CEXF1H100V	50V RSS 10MF (5X11) TP	
42	C CERA	CC520	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		125	C ELECTRO	CE615-616	CEXF1H109V	50V RSS 1MF (5X11) TP	
43	C CERA	CC521	CCXF1H683Z	50V F 0.068MF Z		126	C ELECTRO	CE617	CEXF1H339V	50V RSS 3.3MF (5X11) TP	
44	C CERA	CC523	CCXF1H104Z	50V F 0.1MF Z		127	C ELECTRO	CE618	CEXF1E470V	25V RSS 47MF (5X11) TP	
45	C CERA	CC524	CCXB1H391K	50V B 390PF K (TAPPING)		128	C ELECTRO	CE619	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
46	C CERA	CC525	CCXF1H104Z	50V F 0.1MF Z		129	C ELECTRO	CE623	CEXF1E470V	25V RSS 47MF (5X11) TP	
47	C CERA	CC526	CCXB1H681K	50V B 680PF K (TAPPING)		130	C ELECTRO	CE624	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
48	C CERA	CC527	CCXB1H222K	50V B 2200PF K (TAPPING)		131	C ELECTRO	CE625	CEXF1E330V	25V RSS 33MF (5X11) TP	
49	C CERA	CC528	CCXF1H104Z	50V F 0.1MF Z		132	C ELECTRO	CE626	CEXF1E470V	25V RSS 47MF (5X11) TP	
50	C CERA	CC529	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		133	C ELECTRO	CE801-803	CEXF1H109V	50V RSS 1MF (5X11) TP	
51	C CERA	CC530	CCXB1H682K	50V B 6800PF K (TAPPING)		134	C ELECTRO	CE804-805	CEXF1H100V	50V RSS 10MF (5X11) TP	
52	C CERA	CC531	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		135	C ELECTRO	CE806	CEXF1E470V	25V RSS 47MF (5X11) TP	
53	C CERA	CC532	CCXF1H473Z	50V F 0.047MF Z (TAPPING)		136	C ELECTRO	CE901-903	CEXF1E222V	25V RSS 2200MF (16X25) TP	
54	C CERA	CC533	CCXF1H104Z	50V F 0.1MF Z		137	C ELECTRO	CE904-907	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
55	C CERA	CC534	CCXB1H102K	50V B 1000PF K (TAPPING)		138	C ELECTRO	CE911-914	CEXF1H470V	50V RSS 47MF (6.3X11) TP	
56	C CERA	CC535-536	CCXF1H104Z	50V F 0.1MF Z		139	FILTER CERA	CF001-002	5PE107MJA-	SFE 10.7MHZ RED	
57	C CERA	CC537	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		140	FILTER	CF201	5PPCFAZ077	PCFAZ077	
58	C CERA	CC538	CCXB1H222K	50V B 2200PF K (TAPPING)		141	C MYLAR	CM201-202	CMXM1H183J	50V 0.018MF J	
59	C CERA	CC539	CCXB1H562K	50V B 5600PF K (TAPPING)		142	C MYLAR	CM405-408	CMXM1H104J	50V 0.1MF J	
60	C CERA	CC540	CXCH1H409D	50V CH 4PF D (TAPPING)		143	C MYLAR	CM409-410	CMXM1H562J	50V 5600 PF J	
61	C CERA	CC542	CCXB1H102K	50V B 1000PF K (TAPPING)		144	C MYLAR	CM603-604	CMXM1H223J	50V 0.022MF J	
62	C CERA	CC543-545	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		145	C MYLAR	CM605-606	CMXM1H102J	50V 0.001MF J (TP)	
63	C CERA	CC546	CCXF1H473Z	50V F 0.047MF Z (TAPPING)		146	C MYLAR	CM609-610	CMXM1H153J	50V 0.015MF J (TP)	
64	C CERA	CC560	CCXF1H104Z	50V F 0.1MF Z		147	C MYLAR	CM611	CMXM1H223J	50V 0.022MF J	
65	C CERA	CC561	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		148	C MYLAR	CM612	CMXM1H332J	50V 3300 PF J	
66	C CERA	CC562-569	CCXF1H104Z	50V F 0.1MF Z		149	C MYLAR	CM613	CMXM1H153J	50V 0.015MF J (TP)	
67	C CERA	CC601-602	CCXB1H821K	50V B 820PF K (TAPPING)		150	C MYLAR	CM614	CMXM1H272J	50V 2700PF J	
68	C CERA	CC607	CCXB1H102K	50V B 1000PF K (TAPPING)		151	C MYLAR	CM618-619	CMXM1H473J	50V 0.047MF J	
69	C CERA	CC611-614	CCXB1H391K	50V B 390PF K (TAPPING)		152	C MYLAR	CM801-802	CMXM1H104J	50V 0.1MF J	
70	C CERA	CC615	CCXF1H104Z	50V F 0.1MF Z		153	C MYLAR	CM803-804	CMXM1H473J	50V 0.047MF J	
71	C CERA	CC616	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		154	C MYLAR	CM901-904	CMXM1H223J	50V 0.022MF J	
72	C CERA	CC617-618	CCXB1H471K	50V B 470PF K (TAPPING)		155	C MYLAR	CM916-918	CMXM1H223J	50V 0.022MF J	
73	C CERA	CC620-621	CCXB1H821K	50V B 820PF K (TAPPING)		156	C MYLAR	CM921-923	CMXM1H223J	50V 0.022MF J	
74	C MYLAR	CC622-623	CMXM1H122J	50V 0.0012MF J		157	CONN PIN	CN400	9736407600	PIN BASE 53095-1310 13P	
75	C CERA	CC624-625	CCXB1H681K	50V B 680PF K (TAPPING)		158	CONN PIN	CN401	9736407800	53095-1010 10PIN ANGLE	
76	C CERA	CC801-802	CCXB1H102K	50V B 1000PF K (TAPPING)		159	CONN AS	CN500	9738840800	FFC 16P P1.0X250MM R	
77	C CERA	CC803-804	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		160	CONN WAFER	CN503	9CD6264100	52045-1545 TOP ENTRY	
78	C CERA	CC805	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		161	CONN AS	CN508	9728812300	FFC 21P P125X150MM K	
79	C CERA	CC806-808	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		162	CONN AS	CN601	9738835000	UL 2851 #28X2C0 3P 260MM	
80	C CERA	CC809-810	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		163	CONN AS	CN604	9738833400	#28 4P+2P SHIELD 300MM	
81	C CERA	CC911-915	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		164	CONN AS	CN605	9738834700	UL 1007 #26 1P 110MM	
82	C ELECTRO	CE001	CEXF1E470V	25V RSS 47MF (5X11) TP		165	CONN AS	CN702	9728812100	FFC 16P P1.25X150MM R	
83	C ELECTRO	CE101	CEXF1H229V	50V RSS 2.2MF (5X11) TP		166	CONN WAFER	CW101	9CD6258800	2P S2B-XH-A	
84	C ELECTRO	CE102	CEXF1E221V	25V RSS 220MF (8X11.5) TP		167	CONN WAFER	CW500	9738842900	16P FFC PIT1.0	
85	C ELECTRO	CE201	CEXF1H479V	50V RSS 4.7MF (5X11) TP		168	CONN WAFER	CW501	9CD6259500	2001-WS-6P	
86	C ELECTRO	CE202	CEXF1H100V	50V RSS 10MF (5X11) TP		169	CONN WAFER	CW504	9CD6259400	2001-WS-12P	
87	C ELECTRO	CE203	CEXF1H479V	50V RSS 4.7MF (5X11) TP		170	CONN AS	CW510	9738841800	#26 400MM 3P 2.5P	
88	C ELECTRO	CE204	CEXF1E330V	25V RSS 33MF (5X11) TP		171	CONN AS	CW601	9738835000	UL 2851 #28X2C0 3P 260MM	
89	C ELECTRO	CE206	CEXF1H109V	50V RSS 1MF (5X11) TP		172	CONN AS	CW604	9738833400	#28 4P+2P SHIELD 300MM	
90	C ELECTRO	CE207	CEXF1H478V	50V RSS 0.47MF (5X11) TP		173	CONN AS	CW605	9738834700	UL 1007 #26 1P 110MM	
91	C ELECTRO	CE208-210	CEXF1H109V	50V RSS 1MF (5X11) TP		174	CONN AS	CW706	9728812400	#26 FLAT 200MM 7P	
92	C ELECTRO	CE211	CEXF1H339V	50V RSS 3.3MF (5X11) TP		175	CONN AS	CW991	9738833900	#22 8P BOARD-IN 350MM	
93	C ELECTRO	CE214-215	CEXF1E470V	25V RSS 47MF (5X11) TP		176	DIODE	D201	DZN4148---	1N4148 AUTO 52MM	
94	C ELECTRO	CE216	CEXF1H339V	50V RSS 3.3MF (5X11) TP		177	DIODE	D401-402	DZN4148---	1N4148 AUTO 52MM	
95	C ELECTRO	CE401-408	CEXF1H229V	50V RSS 2.2MF (5X11) TP		178	R CARBON FILM	D472-473	RD-AZ474J-	1/6 470K OHM J	
96	C ELECTRO	CE411-416	CEXF1H229V	50V RSS 2.2MF (5X11) TP		179	DIODE	D601	DZN4148---	1N4148 AUTO 52MM	
97	C ELECTRO	CE417	CEXF1E221V	25V RSS 220MF (8X11.5) TP		180	DIODE	D801-802	DZN4148---	1N4148 AUTO 52MM	
98	C ELECTRO	CE418	CEXF1H100V	50V RSS 10MF (5X11) TP		181	DIODE	D901-902	D1N4001---	1N4001	
99	C ELECTRO	CE500	CEXF1C102V	16V RSS 1000MF (10X20) TP		182	DIODE	D904-907	DRL202---	RL202	
100	C ELECTRO	CE501-502	CEXF1E101V	25V RSS 100MF (6.3X11) TP		183	DIODE	D911-912	D1N4001---	1N4001	
101	C ELECTRO	CE511	CEXF1H100V	50V RSS 10MF (5X11) TP		184	DIODE ZENER	DZ500	DZTZ5R6B-	UZ-5.6B	
102	C ELECTRO	CE513	CEXF1H100V	50V RSS 10MF (5X11) TP		185	DIODE ZENER	DZ501	DZTZ3R9B-	MTZ3.9B	
103	C ELECTRO	CE514-515	CEXF1H479V	50V RSS 4.7MF (5X11) TP		186	DIODE ZENER	DZ601	DZTZ5R6B-	UZ-5.6B	
104	C ELECTRO	CE516	CEXF1C221V	16V RSS 220MF (8X11.5) TP		187	DIODE ZENER	DZ901	DZTZ30B-	MTZ30B	

Electrical Parts List

Model : XW-212/212R

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS
188	DIODE ZENER	DZ902	DZTZ6R2B--	MTZ6.2B		271	R CARBON FILM	R214-215	RD-AZ332J-	1/6 3.3K OHM J	
189	IC	IC201	1LA1833N--	LA1833N		272	R CARBON FILM	R216	RD-AZ473J-	1/6 47K OHM J	
190	IC	IC202	1LC72131D-	LC72131D		273	WIRE JUMPER	R217	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
191	IC REGULATOR	IC205	1KA78L05AZ	KA78L05AZ		274	WIRE JUMPER	R218	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
192	IC	IC206	1TDA7479--	TDA7479		275	R CARBON FILM	R221	RD-AZ563J-	1/6 56K OHM J	
193	IC	IC401	1TDA7440D-	TDA7440D		276	R CARBON FILM	R251	RD-AZ102J-	1/6 1K OHM J	
194	IC SSP	IC501	1S1L9226--	S1L9226		277	R CARBON FILM	R252	RD-AZ470J-	1/6 47 OHM J	
195	IC DSP	IC502	1S5L9290--	S5L9290		278	R CARBON FILM	R253	RD-AZ222J-	1/6 2.2K OHM J	
196	IC	IC503	174HCT04AF	TC74HCT04AF		279	R CARBON FILM	R254	RD-AZ103J-	1/6 10K OHM J	
197	IC MOTOR DRIVE	IC504	1BA5939S--	BA5939S		280	R CARBON FILM	R255	RD-AZ100J-	1/6 10 OHM J	
198	IC	IC601	1TA8189N--	TA8189N		281	R CARBON FILM	R256	RD-AZ102J-	1/6 1K OHM J	
199	IC SWITCHING	IC602	1BA7755A--	BA7755A (HEAD SW)		282	R CARBON FILM	R257-258	RD-AZ103J-	1/6 10K OHM J	
200	IC	IC603	1BU4094BCF	BU4094BCF(SOP16)		283	R CARBON FILM	R259	RD-AZ123J-	1/6 12K OHM J	
201	IC	IC801	1TDA7265--	TDA7265		284	R CARBON FILM	R260-263	RD-AZ102J-	1/6 1K OHM J	
202	IC	IC901	1L4959----	L4959		285	R CARBON FILM	R264-265	RD-AZ222J-	1/6 2.2K OHM J	
203	JACK ANT	J001	9736321900	PAT645		286	R CARBON FILM	R270	RD-AZ470J-	1/6 47 OHM J	
204	JACK RCA	J401	9CD6313700	S-436P		287	R CARBON FILM	R271-272	RD-AZ103J-	1/6 10K OHM J	
205	JACK HEADPHONE	J801	9766319501	HTJ-064-05B GOLD		288	R CARBON FILM	R290	RD-AZ105J-	1/6 1M OHM J	
206	JACK SPEAKER	J802	9736320500	CJ-9007-040		289	R CARBON FILM	R401-402	RD-AZ822J-	1/6 8.2K OHM J	
207	COIL BEAD	JW404	5LX159P829	1.5UH MIN		290	R CARBON FILM	R403-404	RD-AZ153J-	1/6 15K OHM J	
208	COIL BEAD	JW409-410	5LX159P829	1.5UH MIN		291	R CARBON FILM	R405-406	RD-AZ123J-	1/6 12K OHM J	
209	DIODE	JW411	DZN4148--	1N4148 AUTO 52MM		292	R CARBON FILM	R407-408	RD-AZ223J-	1/6 22K OHM J	
210	COIL BEAD	JW505-506	5LX159P829	1.5UH MIN		293	R CARBON FILM	R409-410	RD-AZ102J-	1/6 1K OHM J	
211	COIL BEAD	JW517-518	5LX159P829	1.5UH MIN		294	R CARBON FILM	R411-412	RD-AZ153J-	1/6 15K OHM J	
212	COIL BEAD	JW520	5LX159P829	1.5UH MIN		295	R CARBON FILM	R413-414	RD-AZ182J-	1/6 1.8K OHM J	
213	COIL BEAD	JW531	5LX159P829	1.5UH MIN		296	R CARBON FILM	R415-416	RD-AZ392J-	1/6 3.9K OHM J	
214	COIL BEAD	JW534	5LX159P829	1.5UH MIN		297	R CARBON FILM	R421-422	RD-AZ104J-	1/6 100K OHM J	
215	COIL BEAD	JW905	5LX159P829	1.5UH MIN		298	R CARBON FILM	R423-424	RD-AZ102J-	1/6 1K OHM J	
216	COIL BEAD	JW916	5LX159P829	1.5UH MIN		299	R CARBON FILM	R425-426	RD-AZ104J-	1/6 100K OHM J	
217	COIL PEAKING	L001	5CPZ100K02	10UH K (AXIAL 3.5MM)		300	R CARBON FILM	R427-428	RD-AZ562J-	1/6 5.6K OHM J	
218	AM RF UNIT	L101	5LR0000835	KSNT-213M-1		301	R CARBON FILM	R431-432	RD-AZ102J-	1/6 1K OHM J	
219	COIL	L201-202	5P076068--	6068MPX		302	R CARBON FILM	R433-434	RD-AZ104J-	1/6 100K OHM J	
220	COIL PEAKING	L251	5CPZ100K02	10UH K (AXIAL 3.5MM)		303	R CARBON FILM	R436-437	RD-AZ101J-	1/6 100 OHM J	
221	COIL BIAS OSC	L601	5L0503K643	SM-10F 5.04MH		304	R CARBON FILM	R441	RD-AZ221J-	1/6 220 OHM J	
222	WIRE JUMPER	L602	W581GY5095	AWG22 1/0.65 SN 5 AUTO		305	R CARBON FILM	R500	RD-AZ100J-	1/6 10 OHM J	
223	WIRE JUMPER	L603	W581GY5095	AWG22 1/0.65 SN 5 AUTO		306	R CARBON FILM	R501	RD-AZ102J-	1/6 1K OHM J	
224	TR	Q001	TZTC3194Y-	KTC3194Y		307	R CARBON FILM	R502-503	RD-AZ121J-	1/6 120 OHM J	
225	TR	Q003	TZRA107M--	KRA107M (KSR2006)		308	R CARBON FILM	R513	RD-AZ102J-	1/6 1K OHM J	
226	TR	Q500	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)		309	R CARBON FILM	R514	RD-AZ103J-	1/6 10K OHM J	
227	TRANSISTOR	Q501	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		310	R CARBON FILM	R515	RD-AZ105J-	1/6 1M OHM J	
228	TR	Q502-503	TZTC2236Y-	KTC2236-Y(AUTO)		311	R CARBON FILM	R520-527	RD-AZ472J-	1/6 4.7K OHM J	
229	TR	Q510	TZSA928AY-	KSA928A-Y(AUTO)		312	R CARBON FILM	R528	RD-AZ102J-	1/6 1K OHM J	
230	FET	Q601-602	TKTK117Y--	TKT117(Y)		313	R CARBON FILM	R529-532	RD-AZ683J-	1/6 68K OHM J	
231	TR	Q603-604	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)		314	R CARBON FILM	R540	RD-AZ223J-	1/6 22K OHM J	
232	TRANSISTOR	Q605	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		315	R CARBON FILM	R541	RD-AZ823J-	1/6 82K OHM J	
233	TR	Q611	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)		316	R CARBON FILM	R542	RD-AZ473J-	1/6 47K OHM J	
234	TR	Q612	TZRC111M--	KRC111M		317	R CARBON FILM	R543	RD-AZ124J-	1/6 120K OHM J	
235	TRANSISTOR	Q615-618	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		318	R CARBON FILM	R544	RD-AZ104J-	1/6 100K OHM J	
236	TR	Q622	TZRC107M--	KRC107M(AUTO)		319	R CARBON FILM	R545	RD-AZ333J-	1/6 33K OHM J	
237	TR	Q623-624	TZRA107M--	KRA107M (KSR2006)		320	R CARBON FILM	R546	RD-AZ104J-	1/6 100K OHM J	
238	TR	Q626	TZTA1273Y-	KTA1273Y(966Y)		321	R CARBON FILM	R547	RD-AZ473J-	1/6 47K OHM J	
239	TR	Q627	TZRC111M--	KRC111M		322	R CARBON FILM	R548	RD-AZ823J-	1/6 82K OHM J	
240	TR	Q628-629	TZRA111M--	KRA111M		323	R CARBON FILM	R549-550	RD-AZ103J-	1/6 10K OHM J	
241	TR	Q631-636	TZRC111M--	KRC111M		324	R CARBON FILM	R551	RD-AZ102J-	1/6 1K OHM J	
242	TRANSISTOR	Q801-802	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		325	R CARBON FILM	R552	RD-AZ563J-	1/6 56K OHM J	
243	TR	Q803	TZRA111M--	KRA111M		326	R CARBON FILM	R553	RD-AZ223J-	1/6 22K OHM J	
244	TRANSISTOR	Q804	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		327	R CARBON FILM	R554	RD-AZ822J-	1/6 8.2K OHM J	
245	TR	Q805	TZRA111M--	KRA111M		328	R CARBON FILM	R555	RD-AZ153J-	1/6 15K OHM J	
246	TR	Q901	TZTA1274Y-	KTA1274Y-		329	R CARBON FILM	R556	RD-AZ105J-	1/6 1M OHM J	
247	WIRE JUMPER	R002	W581GY6095	AWG22 1/0.65 SN 6 AUTO		330	R CARBON FILM	R557	RD-AZ683J-	1/6 68K OHM J	
248	R CARBON FILM	R003	RD-AZ470J-	1/6 47 OHM J		331	R CARBON FILM	R558	RD-AZ184J-	1/6 180K OHM J	
249	R CARBON FILM	R004	RD-AZ100J-	1/6 10 OHM J		332	R CARBON FILM	R559	RD-AZ183J-	1/6 18K OHM J	
250	R CARBON FILM	R005	RD-AZ332J-	1/6 3.3K OHM J		333	R CARBON FILM	R560	RD-AZ220J-	1/6 22 OHM J	
251	R CARBON FILM	R006	RD-AZ681J-	1/6 680 OHM J		334	R CARBON FILM	R561	RD-AZ101J-	1/6 100 OHM J	
252	R CARBON FILM	R007	RD-AZ331J-	1/6 330 OHM J		335	R CARBON FILM	R562	RD-AZ823J-	1/6 82K OHM J	
253	R CARBON FILM	R008	RD-AZ101J-	1/6 100 OHM J		336	R CARBON FILM	R563-566	RD-AZ563J-	1/6 56K OHM J	
254	R CARBON FILM	R101	RD-AZ472J-	1/6 4.7K OHM J		337	R CARBON FILM	R567	RD-AZ823J-	1/6 82K OHM J	
255	R CARBON FILM	R103-105	RD-AZ472J-	1/6 4.7K OHM J		338	R CARBON FILM	R570	RD-AZ334J-	1/6 330K OHM J	
256	R CARBON FILM	R106	RD-AZ332J-	1/6 3.3K OHM J		339	R CARBON FILM	R571	RD-AZ104J-	1/6 100K OHM J	
257	R CARBON FILM	R107	RD-AZ223J-	1/6 22K OHM J		340	R CARBON FILM	R572	RD-AZ334J-	1/6 330K OHM J	
258	R CARBON FILM	R109	RD-AZ104J-	1/6 100K OHM J		341	R CARBON FILM	R573	RD-AZ104J-	1/6 100K OHM J	
259	R CARBON FILM	R201	RD-AZ682J-	1/6 6.8K OHM J		342	R CARBON FILM	R574	RD-AZ101J-	1/6 100 OHM J	
260	R CARBON FILM	R202	RD-AZ273J-	1/6 27K OHM J		343	R CARBON FILM	R575-576	RD-AZ104J-	1/6 100K OHM J	
261	R CARBON FILM	R203	RD-AZ822J-	1/6 8.2K OHM J		344	R CARBON FILM	R577	RD-AZ472J-	1/6 4.7K OHM J	
262	R CARBON FILM	R204A	RD-AZ333J-	1/6 33K OHM J		345	R CARBON FILM	R578-579	RD-AZ104J-	1/6 100K OHM J	
263	R CARBON FILM	R204B	RD-AZ183J-	1/6 18K OHM J		346	R CARBON FILM	R580-581	RD-AZ103J-	1/6 10K OHM J	
264	R CARBON FILM	R205-206	RD-AZ102J-	1/6 1K OHM J		347	R CARBON FILM	R582-583	RD-AZ333J-	1/6 33K OHM J	
265	R CARBON FILM	R207	RD-AZ121J-	1/6 120 OHM J		348	R CARBON FILM	R584	RD-AZ103J-	1/6 10K OHM J	
266	R CARBON FILM	R208	RD-AZ332J-	1/6 3.3K OHM J		349	R CARBON FILM	R585-586	RD-AZ100J-	1/6 10 OHM J	
267	R CARBON FILM	R209	RD-AZ472J-	1/6 4.7K OHM J		350	R CARBON FILM	R587-588	RD-2Y150J-	1/2 15 OHM J	
268	R CARBON FILM	R210	RD-AZ682J-	1/6 6.8K OHM J		351	R CARBON FILM	R589	RD-AZ103J-	1/6 10K OHM J	
269	R CARBON FILM	R211	RD-AZ100J-	1/6 10 OHM J		352	R CARBON FILM	R590	RD-AZ153J-	1/6 15K OHM J	
270	R CARBON FILM	R212-213	RD-AZ182J-	1/6 1.8K OHM J		353	R CARBON FILM	R591	RD-AZ183J-	1/6 18K OHM J	

Electrical Parts List

Model : XW-212/212R

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS
354	R CARBON FILM	R592-594	RD-AZ103J-	1/6 10K OHM J		437	X-TAL	XC251	5XA7R20000	7.2M	
355	R CARBON FILM	R595-596	RD-AZ100J-	1/6 10 OHM J		438	RESONATOR CERA	XC501	5PCST16R93	CSTLS16M9X55-B0	
356	R CARBON FILM	R597-598	RD-AZ102J-	1/6 1K OHM J		1	PCB OPTICAL JACK	13000	9CDC050700	AMI-710R0F(OM MECHA)	
357	R CARBON FILM	R601-604	RD-AZ102J-	1/6 1K OHM J		2	PCB OPTICAL	B001	9CD6577800	29X21X1.6T	
358	R CARBON FILM	R605-606	RD-AZ820J-	1/6 82 OHM J		3	CORE BEAD	BD501	9768602000	H.B-T15X25X13ON	
359	R CARBON FILM	R607-608	RD-AZ683J-	1/6 68K OHM J		4	C CERA	CC561	CCXF1H104Z	50V F 0.1MF Z	
360	R CARBON FILM	R609-610	RD-AZ682J-	1/6 6.8K OHM J		5	CONN AS	CN510	9738841800	#26 400MM 3P 2.5P	
361	R CARBON FILM	R611-612	RD-AZ272J-	1/6 2.7K OHM J		6	IC	IC507	1T0TX178--	T0TX178	
362	R CARBON FILM	R613-614	RD-AZ102J-	1/6 1K OHM J		7	WIRE JUMPER	L502	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
363	R CARBON FILM	R615-616	RD-AZ223J-	1/6 22K OHM J		1	PCB PT AS	12000	9CDC055611	AMI-326LW	
364	R CARBON FILM	R617-618	RD-AZ272J-	1/6 2.7K OHM J		2	PCB PT	B991	9CD6582000	98X123	
365	R CARBON FILM	R619-620	RD-AZ103J-	1/6 10K OHM J		3	CORD AC	CD991	9736900200	KKP419C,KLCE-2F,0.75SQURE	
366	R CARBON FILM	R621	RD-AZ333J-	1/6 33K OHM J		4	C ELECTRO	CE991	CEXF1E222V	25V RSS 2200MF (16X25) TP	
367	R CARBON FILM	R622	RD-AZ105J-	1/6 1M OHM J		5	CONN AS	CN991	9738833900	#22 8P BOARD-IN 350MM	
368	R CARBON FILM	R624	RD-AZ103J-	1/6 10K OHM J		6	CONN AS	CW708	9728802800	#26 3P FLAT 360MM P=2.5	
369	R CARBON FILM	R625-626	RD-AZ184J-	1/6 180K OHM J		7	DIODE	D991-994	DZN4001A--	1N4001A AUTO	
370	R CARBON FILM	R627-628	RD-AZ151J-	1/6 150 OHM J		8	DIODE	D995	DZN4148---	1N4148 AUTO 52MM	
371	R CARBON FILM	R629-630	RD-AZ224J-	1/6 220K OHM J		9	DIODE	D996	DZN4001A--	1N4001A AUTO	
372	R CARBON FILM	R631-632	RD-AZ563J-	1/6 56K OHM J		10	FUSE GLASS TUBE	F902	5FSGB4012L	SEMKO TL 400MA 250V MF51	
373	R CARBON FILM	R633-634	RD-AZ392J-	1/6 3.9K OHM J		11	CLIP FUSE	FC903-904	9734600700	FC-5N	
374	R CARBON FILM	R635-636	RD-AZ561J-	1/6 560 OHM J		12	IC	IC991	1MC7805---	MC 7805 (KA7805)	
375	R CARBON FILM	R637-638	RD-AZ184J-	1/6 180K OHM J		13	TRANS POWER	PT991	5TP8066762	EI=66X30	
376	R CARBON FILM	R639-640	RD-AZ472J-	1/6 4.7K OHM J		14	TRANS POWER	PT992	5TP8028829	EI=28X12 230V 50HZ	
377	R CARBON FILM	R642	RD-AZ683J-	1/6 68K OHM J		15	TR	Q992	TZTC2236Y-	KTC2236-Y(AUTO)	
378	R CARBON FILM	R643-644	RD-AZ223J-	1/6 22K OHM J		16	R METAL FILM	R991	RN-2Y475J-	1/2 4.7M OHM J	
379	R CARBON FILM	R645-648	RD-AZ472J-	1/6 4.7K OHM J		17	R CARBON FILM	R992	RD-4Z100J-	1/4 10 OHM J	
380	R CARBON FILM	R649	RD-AZ224J-	1/6 220K OHM J		18	R CARBON FILM	R994	RD-AZ103J-	1/6 10K OHM J	
381	R CARBON FILM	R650	RD-AZ334J-	1/6 330K OHM J		19	SW RELAY	RY991	5SC2001A01	SDT-S-105LMR	
382	R CARBON FILM	R651	RD-AZ103J-	1/6 10K OHM J		20	PIN WRAPPING	TP991-992	9713550400	1.0X2.5X15	
383	R CARBON FILM	R652	RD-AZ479J-	1/6 4.7 OHM J							
384	R CARBON FILM	R653	RD-AZ473J-	1/6 47K OHM J							
385	R CARBON FILM	R654	RD-4Z271J-	1/4 270 OHM J							
386	R CARBON FILM	R656	RD-AZ333J-	1/6 33K OHM J							
387	R CARBON FILM	R657	RD-AZ470J-	1/6 47 OHM J							
388	R CARBON FILM	R658	RD-AZ473J-	1/6 47K OHM J							
389	R CARBON FILM	R663	RD-AZ392J-	1/6 3.9K OHM J							
390	R CARBON FILM	R665	RD-AZ822J-	1/6 8.2K OHM J							
391	R CARBON FILM	R666	RD-AZ332J-	1/6 3.3K OHM J							
392	R CARBON FILM	R667	RD-AZ821J-	1/6 820 OHM J							
393	R CARBON FILM	R668	RD-AZ682J-	1/6 6.8K OHM J							
394	R CARBON FILM	R672	RD-AZ101J-	1/6 100 OHM J							
395	R CARBON FILM	R673	RD-AZ684J-	1/6 680K OHM J							
396	R CARBON FILM	R676	RD-AZ105J-	1/6 1M OHM J							
397	R CARBON FILM	R677	RD-AZ822J-	1/6 8.2K OHM J							
398	R CARBON FILM	R679	RD-AZ104J-	1/6 100K OHM J							
399	R CARBON FILM	R680-681	RD-AZ472J-	1/6 4.7K OHM J							
400	R CARBON FILM	R683	RD-AZ103J-	1/6 10K OHM J							
401	R CARBON FILM	R684	RD-AZ123J-	1/6 12K OHM J							
402	R CARBON FILM	R688	RD-AZ101J-	1/6 100 OHM J							
403	R CARBON FILM	R694-695	RD-AZ101J-	1/6 100 OHM J							
404	R CARBON FILM	R696	RD-AZ333J-	1/6 33K OHM J							
405	R CARBON FILM	R698	RD-AZ100J-	1/6 10 OHM J							
406	R CARBON FILM	R803-804	RD-AZ102J-	1/6 1K OHM J							
407	R CARBON FILM	R805-806	RD-AZ563J-	1/6 56K OHM J							
408	R CARBON FILM	R807-808	RD-AZ821J-	1/6 820 OHM J							
409	R CARBON FILM	R809-812	RD-4Z100J-	1/4 10 OHM J							
410	R CARBON FILM	R813	RD-AZ103J-	1/6 10K OHM J							
411	R CARBON FILM	R815-818	RD-4Z102J-	1/4 1K OHM J							
412	R CARBON FILM	R821	RD-AZ154J-	1/6 150K OHM J							
413	R CARBON FILM	R823-824	RD-AZ104J-	1/6 100K OHM J							
414	R CARBON FILM	R825	RD-AZ103J-	1/6 10K OHM J							
415	WIRE JUMPER	R827	W581GY1005	AWG22 1/0.65 SN 10 AUTO							
416	WIRE JUMPER	R828	W581GY1005	AWG22 1/0.65 SN 10 AUTO							
417	WIRE JUMPER	R829	W581GY1005	AWG22 1/0.65 SN 10 AUTO							
418	WIRE JUMPER	R830	W581GY1005	AWG22 1/0.65 SN 10 AUTO							
419	R CARBON FILM	R831-832	RD-AZ102J-	1/6 1K OHM J							
420	R CARBON FILM	R910	RD-AZ103J-	1/6 10K OHM J							
421	R CARBON FILM	R911	RD-AZ223J-	1/6 22K OHM J							
422	R CARBON FILM	R912-913	RD-AZ103J-	1/6 10K OHM J							
423	R CARBON FILM	R914	RD-AZ223J-	1/6 22K OHM J							
424	R CARBON FILM	R915	RD-AZ473J-	1/6 47K OHM J							
425	R CARBON FILM	R916	RD-AZ103J-	1/6 10K OHM J							
426	R CARBON FILM	R921	RD-AZ100J-	1/6 10 OHM J							
427	R CARBON FILM	R922	RD-AZ332J-	1/6 3.3K OHM J							
428	R CARBON FILM	R923	RD-AZ103J-	1/6 10K OHM J							
429	R CARBON FILM	R933-934	RD-AZ221J-	1/6 220 OHM J							
430	R CARBON FILM	R939-940	RD-AZ109J-	1/6 1 OHM J							
431	R FUSIBLE	RF901-902	RF01F4780J	0.47OHM 1W							
432	R SEMI FIXED	RV601	RV1417222-	1/10 2.2K OHM B V6EK-PV1S							
433	TUNER PACK	TU001	9737613500	FTE4-401TC							
434	CONN AS	W600-601	9738834700	UL 1007 #26 1P 110MM							
435	C DISCRIMINATOR	XC201	5P107MG86C	CDA10.7MG86N-C							
436	X-TAL	XC202	5XA4R332M-	4.332M							

Electrical Parts List

Model : XW-214/214R, 215/215R

NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS	NO	PART-NAME	LOCATION	PART-CODE	PART-DESC	REMARKS
1	PCB FRONT AS	11000	9CDC061500	AXW-225		200	R CARBON FILM	R703	RD-AZ683J-	1/6 68K OHM J	
2	PCB FRONT	B001	9CD6582610	247X139X1.6T		201	R CARBON FILM	R706-712	RD-AZ103J-	1/6 10K OHM J	
3	C CERA	CC701	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		208	R CARBON FILM	R713-714	RD-AZ473J-	1/6 47K OHM J	
4	C CERA	CC702	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		210	R CARBON FILM	R715-717	RD-AZ152J-	1/6 1.5K OHM J	
5	C CERA	CC703	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		213	R CARBON FILM	R718-719	RD-AZ472J-	1/6 4.7K OHM J	
6	C CERA	CC704-705	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		215	R CARBON FILM	R720	RD-AZ122J-	1/6 1.2K OHM J	
8	C CERA	CC706-707	CCZB1H101K	HIKB 50V 100PF K (AXIAL)		216	R CARBON FILM	R721	RD-AZ223J-	1/6 22K OHM J	
10	C CERA	CC708	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		217	R CARBON FILM	R722	RD-AZ333J-	1/6 33K OHM J	
11	C CERA	CC709	CCZB1H102K	HIKB 50V 1000PF K (AXIAL)		218	R CARBON FILM	R723	RD-AZ683J-	1/6 68K OHM J	
12	C CERA	CC710	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		219	R CARBON FILM	R724	RD-AZ393J-	1/6 39K OHM J	
13	C CERA	CC711	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		220	R CARBON FILM	R725	RD-AZ333J-	1/6 33K OHM J	
14	C CERA	CC712	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		221	R CARBON FILM	R726	RD-AZ103J-	1/6 10K OHM J	
15	C CERA	CC713	CZCH1H150J	CH 50V 15PF J (AXIAL)		222	R CARBON FILM	R727	RD-AZ333J-	1/6 33K OHM J	
16	C CERA	CC714	CZCH1H180J	CH 50V 18PF J (AXIAL)		223	R CARBON FILM	R728-732	RD-AZ103J-	1/6 10K OHM J	
17	C CERA	CC715-716	CZSL1H330J	SL 50V 33PF J (AXIAL)		228	R CARBON FILM	R733	RD-AZ102J-	1/6 1K OHM J	
19	C CERA	CC717	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		229	R CARBON FILM	R734	RD-AZ103J-	1/6 10K OHM J	
20	C CERA	CC718	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		230	R CARBON FILM	R735-736	RD-AZ102J-	1/6 1K OHM J	
21	C CERA	CC719	CZSL1H330J	SL 50V 33PF J (AXIAL)		232	R CARBON FILM	R737	RD-AZ103J-	1/6 10K OHM J	
22	C CERA	CC720	CCZF1E223Z	HIKF 25V 0.022MF Z (AXIAL)		233	R CARBON FILM	R738	RD-AZ102J-	1/6 1K OHM J	
23	C CERA	CC721	CCZB1H101K	HIKB 50V 100PF K (AXIAL)		234	R CARBON FILM	R739	RD-AZ472J-	1/6 4.7K OHM J	
24	C CERA	CC722	CCZB1H102K	HIKB 50V 1000PF K (AXIAL)		235	R CARBON FILM	R740	RD-AZ103J-	1/6 1K OHM J	
25	C CERA	CC723	CCZB1H101K	HIKB 50V 100PF K (AXIAL)		236	R CARBON FILM	R741	RD-AZ103J-	1/6 10K OHM J	
26	C CERA	CC724-725	CCZF1H104Z	HIKF 50V 0.1MF Z (AXIAL)		237	R CARBON FILM	R742	RD-AZ102J-	1/6 1K OHM J	
28	C ELECTRO	CE701	CEXF1H109V	50V RSS 1MF (5X11) TP		238	R CARBON FILM	R743	RD-AZ222J-	1/6 2.2K OHM J	
29	C ELECTRO	CE702	CEXF1A102V	10V RSS 1000MF (8X12.5) TP		239	R CARBON FILM	R744	RD-AZ229J-	1/4 2.2 OHM J	
30	C ELECTRO	CE703	CEXF1E101V	25V RSS 100MF (6.3X11) TP		240	R CARBON FILM	R746	RD-AZ102J-	1/6 1K OHM J	
31	C ELECTRO	CE704	CEXF1H100V	50V RSS 10MF (5X11) TP		241	R CARBON FILM	R747	RD-AZ222J-	1/6 2.2K OHM J	
32	C ELECTRO	CE705-706	CEXF1H229V	50V RSS 2.2MF (5X11) TP		242	R CARBON FILM	R748	RD-AZ102J-	1/6 1K OHM J	
34	CONN AS	CN701	9728812400	#26 FLAT 200MM 7P		243	R CARBON FILM	R749	RD-AZ222J-	1/6 2.2K OHM J	
35	CONN AS	CN702	9728812101	FFC 16P P1.25X220MM R		244	R CARBON FILM	R750	RD-AZ229J-	1/4 2.2 OHM J	
36	PIN WAFER	CW400	9736407700	52084-1310 13P BOTTOM		245	R CARBON FILM	R751	RD-AZ103J-	1/6 10K OHM J	
37	PIN WAFER	CW401	9736407900	52084-1010 10P BOTTOM		246	R CARBON FILM	R752	RD-AZ102J-	1/6 1K OHM J	
38	WAFER	CW508	9CD6266700	52492-1520 BOTTOM ENTRY		247	R CARBON FILM	R753	RD-AZ224J-	1/6 220K OHM J	
39	WAFER	CW702	9CD6259700	52044-1645		248	R CARBON FILM	R754-755	RD-AZ101J-	1/6 100 OHM J	
40	DIODE	D701-706	DZN4148---	IN4148 AUTO 52MM		250	R CARBON FILM	R756	RD-AZ102J-	1/6 1K OHM J	
46	WIRE JUMPER	D708	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO		251	R CARBON FILM	R757	RD-AZ221J-	1/6 220K OHM J	
47	DIODE	D709	DZN4148---	IN4148 AUTO 52MM		252	R CARBON FILM	R758	RD-AZ101J-	1/6 100 OHM J	
48	VFD	FD701	DHNA11MS26	HNA-11MS26		253	R CARBON FILM	R759	RD-AZ104J-	1/6 100K OHM J	
49	IC	IC701	1M38199279F	U-COM M38199-279FP		254	R CARBON FILM	R760	RD-AZ103J-	1/6 10K OHM J	
50	IC MEMORY	IC702	1M24C04---	M24C04-BN6		255	R CARBON FILM	R761	RD-AZ106J-	1/6 10M OHM J	
51	IC	IC703	1MSGEQ5A-	MSGEQ5A		256	R CARBON FILM	R762	RD-AZ334J-	1/6 330K OHM J	
52	IC	IC704	1FA094BM1T	HCF4094M013TR		257	R CARBON FILM	R763	RD-AZ101J-	1/6 100 OHM J	
53	IC PRE AMP	IC705	1HK381B-DW	HK381BT-DW		258	R CARBON FILM	R764	RD-AZ100J-	1/6 10 OHM J	
146	LED	LD701-702	DSLR332MC3F	SLR332MC3F(GREEN)PI3		259	R CARBON FILM	R765	RD-AZ390J-	1/6 39 OHM J	
148	LED	LD703	DSLR332VC3F	SLR332VC3F(RED)PI3		260	R CARBON FILM	R766	RD-AZ391J-	1/6 390 OHM J	
149	LED	LD704-705	DSLR332MC3F	SLR332MC3F(GREEN)PI3		261	R CARBON FILM	R767	RD-AZ271J-	1/6 270 OHM J	
151	LED	LD706	DSLR332VC3F	SLR332VC3F(RED)PI3		262	R CARBON FILM	R768	RD-AZ391J-	1/6 390 OHM J	
152	LED	LD707-708	DSLR332MC3F	SLR332MC3F(GREEN)PI3		263	R CARBON FILM	R769	RD-AZ271J-	1/6 270 OHM J	
154	LED	LD709	DSLR332VC3F	SLR332VC3F(RED)PI3		264	R CARBON FILM	R770	RD-AZ391J-	1/6 390 OHM J	
155	LED	LD710-711	DSLR332MC3F	SLR332MC3F(GREEN)PI3		265	R CARBON FILM	R771	RD-AZ271J-	1/6 270 OHM J	
157	LED	LD712	DSLR332VC3F	SLR332VC3F(RED)PI3		266	R CARBON FILM	R772	RD-AZ390 OHM J		
158	TR	Q701	TZRC107M-	KRC107M (DTC114YS) (KSR1006)		267	R CARBON FILM	R773	RD-AZ271J-	1/6 270 OHM J	
159	TR	Q702-703	TZRC111M-	KRC111M (DTC114TS) (KSR1010)		268	R CARBON FILM	R776	RD-AZ103J-	1/6 10K OHM J	
161	TR	Q704	TZTC3198Y-	KTC3198Y (2SC5343) AUTO		269	WIRE JUMPER	R777	W581GY6095	AWG22 1/0.65 SN 6 AUTO	
162	TR	Q705-707	TZTA1273Y-	KTAA1273Y (A966Y) (2SA928A-Y) AUTO		270	SW TACT	SW701-706	5S50101001	KPT-1105A 1C-1P	
165	TR	Q708-710	TZRC107M-	KRC107M (DTC114YS) (KSR1006)		276	SW TACT	SW712-713	5S50101001	KPT-1105A 1C-1P	
168	TR	Q711-715	TZRA111M-	KRA111M (KSR2010) AUTO		278	SW TACT	SW715-725	5S50101001	KPT-1105A 1C-1P	
173	TR	Q716	TZRC107M-	KRC107M (DTC114YS) (KSR1006)		289	SW TACT	SW727-730	5S50101001	KPT-1105A 1C-1P	
174	R CARBON FILM	R301	RD-AZ101J-	1/6 100 OHM J		293	SW TACT	SW734-735	5S50101001	KPT-1105A 1C-1P	
175	R CARBON FILM	R302	RD-AZ151J-	1/6 150 OHM J		295	SW ENCODER	VR701	5SH162401-	EC16B24204 24P WDETENT	
176	R CARBON FILM	R303	RD-AZ181J-	1/6 180 OHM J		296	RESONATOR	XC701	5PCSABMTZ-	CSALA8M00T55-B0 (8.00MTZ)	
177	R CARBON FILM	R304	RD-AZ271J-	1/6 270 OHM J		297	X-TAL	XC702	5XA32R768-	DT-38 32.768KHZ 20PPM	
178	R CARBON FILM	R305	RD-AZ331J-	1/6 330 OHM J		1	PCB MAIN AS	10000	9CDC057256	AMI-829RW	
179	R CARBON FILM	R311	RD-AZ682J-	1/6 6.8K OHM J		2	PCB MAIN	B1000	9CD6585200	330X197X1.6T	
180	R CARBON FILM	R312	RD-AZ472J-	1/6 4.7K OHM J		3	C CERA	CC001-004	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
181	R CARBON FILM	R313	RD-AZ101J-	1/6 100 OHM J		4	C CERA	CC100	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
182	R CARBON FILM	R314	RD-AZ151J-	1/6 150 OHM J		5	C CERA	CC101	CCXF1H104Z	50V F 0.1MF Z	
183	R CARBON FILM	R315	RD-AZ181J-	1/6 180 OHM J		6	C CERA	CC102	CXCH1H150J	50V CH 15PF J (TAPPING)	
184	R CARBON FILM	R316	RD-AZ271J-	1/6 270 OHM J		7	C CERA	CC103	CXCH1H470J	50V CH 47PF J (TAPPING)	
185	R CARBON FILM	R317	RD-AZ331J-	1/6 330 OHM J		8	C CERA	CC200	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
186	R CARBON FILM	R318	RD-AZ391J-	1/6 390 OHM J		9	C CERA	CC201	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	
187	R CARBON FILM	R319	RD-AZ471J-	1/6 470 OHM J		10	C CERA	CC202	CCXF1H104Z	50V F 0.1MF Z	
188	R CARBON FILM	R320	RD-AZ561J-	1/6 560 OHM J		11	C CERA	CC203	CCXF1H473Z	50V F 0.047MF Z (TAPPING)	
189	R CARBON FILM	R321	RD-AZ821J-	1/6 820 OHM J		12	C CERA	CC204	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
190	R CARBON FILM	R322	RD-AZ152J-	1/6 1.5K OHM J		13	C CERA	CC205	CCXF1H223Z	50V F 0.022MF Z (TAPPING)	
191	R CARBON FILM	R323	RD-AZ272J-	1/6 2.7K OHM J		14	C CERA	CC206	CXCB1H471K	50V B 470PF K (TAPPING)	
192	R CARBON FILM	R325	RD-AZ101J-	1/6 100 OHM J		15	C CERA	CC207	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
193	R CARBON FILM	R326	RD-AZ151J-	1/6 150 OHM J		16	C CERA	CC209-211	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
194	R CARBON FILM	R327	RD-AZ181J-	1/6 180 OHM J		17	C CERA	CC230	CXCH1H390J	50V CH 39PF J (TAPPING)	
195	R CARBON FILM	R331	RD-AZ152J-	1/6 1.5K OHM J		18	C CERA	CC232	CXCH1H330J	50V CH 33PF J (TAPPING)	
196	R CARBON FILM	R332	RD-AZ561J-	1/6 560 OHM J		19	C CERA	CC234-238	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
197	R CARBON FILM	R333	RD-AZ821J-	1/6 820 OHM J		20	C CERA	CC239	CXCH1H390J	50V CH 39PF J (TAPPING)	
198	R CARBON FILM	R701-702	RD-AZ103J-	1/6 10K OHM J		21	C CERA	CC260-262	CXCB1H331K	50V B 330PF K (TAPPING)	
						22	C CERA	CC263	CCXF1H103Z	50V F 0.01MF Z (TAPPING)	
						23	C CERA	CC264	CXCH1H820J	50V CH 82PF J (TAPPING)	
						24	C CERA	CC265	CXCH1H470J	50V CH 47PF J (TAPPING)	

Electrical Parts List

Model : XW-214/214R, 215/215R

NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK	NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK
25	CC267	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		112	CE529	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP	
26	CC401	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		113	CE531	C ELECTRO	CEXF1C102V	16V RSS 1000MF (10X20) TP	
27	CC490-493	C CERA	CXCH1H101J	50V CH 100PF J (TAPPING)		114	CE532	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP	
28	CC494	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		115	CE601	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
29	CC500-503	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		116	CE602	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP	
30	CC504	C CERA	CCXF1H104Z	50V F 0.1MF Z		117	CE605-606	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
31	CC506-507	C CERA	CCXF1H104Z	50V F 0.1MF Z		118	CE607-608	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
32	CC510-512	C CERA	CCXB1H222K	50V B 2200PF K (TAPPING)		119	CE609	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP	
33	CC514-516	C CERA	CCXF1H104Z	50V F 0.1MF Z		120	CE610-611	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
34	CC519	C CERA	CCXF1H104Z	50V F 0.1MF Z		121	CE612-613	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
35	CC520	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		122	CE614-615	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP	
36	CC521	C CERA	CCXF1H683Z	50V F 0.068MF Z		123	CE616	C ELECTRO	CEXF1E339V	25V RSS 3.3MF	
37	CC523	C CERA	CCXF1H104Z	50V F 0.1MF Z		124	CE617-618	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
38	CC524	C CERA	CCXB1H391K	50V B 390PF K (TAPPING)		125	CE619	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP	
39	CC525	C CERA	CCXF1H104Z	50V F 0.1MF Z		126	CE620-621	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
40	CC526	C CERA	CCXB1H681K	50V B 680PF K (TAPPING)		127	CE801	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP	
41	CC527	C CERA	CCXB1H222K	50V B 2200PF K (TAPPING)		128	CE802	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP	
42	CC528	C CERA	CCXF1H104Z	50V F 0.1MF Z		129	CE803-804	C ELECTRO	CEXF1H220V	50V RSS 2.2MF (5X11) TP	
43	CC529	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		130	CE805-806	C ELECTRO	CEXF1H470V	50V RSS 47MF (6.3X11) TP	
44	CC530	C CERA	CCXB1H682K	50V B 6800PF K (TAPPING)		131	CE807-808	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
45	CC531	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		132	CE809-810	C ELECTRO	CEXF1H100V	50V RSS 1MF (5X11) TP	
46	CC532	C CERA	CCXF1H473Z	50V F 0.047MF Z (TAPPING)		133	CE870-871	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
47	CC533	C CERA	CCXF1H104Z	50V F 0.1MF Z		134	CE872-873	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP	
48	CC534	C CERA	CCXB1H102K	50V B 1000PF K (TAPPING)		135	CE900-902	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
49	CC535-536	C CERA	CCXF1H104Z	50V F 0.1MF Z		136	CE903	C ELECTRO	CEXF1H101V	50V RSS 100MF (8X11.5) TP	
50	CC537	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		137	CE904-905	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP	
51	CC538	C CERA	CCXB1H222K	50V B 2200PF K (TAPPING)		138	CE906	C ELECTRO	CEXF1H101V	50V RSS 100MF (8X11.5) TP	
52	CC539	C CERA	CCXB1H562K	50V B 5600PF K (TAPPING)		139	CE907-908	C ELECTRO	CEYF1V222V	35V RSS 2200MF (16X31.5)	
53	CC540	C CERA	CXCH1H409D	50V CH 4PF D (TAPPING)		140	CE910	C ELECTRO	CEXF1H101V	50V RSS 100MF (8X11.5) TP	
54	CC542	C CERA	CCXB1H102K	50V B 1000PF K (TAPPING)		141	CE913-914	C ELECTRO	CEYF1H332V	50V RSS 3300MF	
55	CC543-545	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		142	CF001-002	FILTER CERA	5PE107MJA-	SFE 10.7MHZ RED	
56	CC546	C CERA	CCXF1H473Z	50V F 0.047MF Z (TAPPING)		143	CF200	FILTER	5PPCAZ077	PCFAZ077	
57	CC547-549	C CERA	CXCH1H330J	50V CH 33PF J (TAPPING)		144	CM200-201	C MYLAR	CMXM1H153J	50V 0.015MF J (TP)	
58	CC560	C CERA	CCXF1H104Z	50V F 0.1MF Z		145	CM270-271	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)	
59	CC561	C CERA	CCXF1H223Z	50V F 0.022MF Z (TAPPING)		146	CM400-403	C MYLAR	CMXM1H104J	50V 0.1MF J	
60	CC562-566	C CERA	CCXF1H104Z	50V F 0.1MF Z		147	CM404-405	C MYLAR	CMXM1H562J	50V 5600 PF J	
61	CC571	C CERA	CCXB1H102K	50V B 1000PF K (TAPPING)		148	CM600-601	C MYLAR	CMXM1H683J	50V 0.068 MF J	
62	CC600	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		149	CM602	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)	
63	CC603-604	C CERA	CXCH1H470J	50V CH 47PF J (TAPPING)		150	CM603	C MYLAR	CMXM1H332J	50V 3300 PF J	
64	CC605-606	C CERA	CCXB1H221K	50V B 220PF K (TAPPING)		151	CM605	C MYLAR	CMXM1H392J	50V 0.0039MF J	
65	CC609-611	C CERA	CXCH1H101J	50V CH 100PF J (TAPPING)		152	CM606-607	C MYLAR	CMXM1H123J	50V 0.012 MF J	
66	CC612-615	C CERA	CCXB1H221K	50V B 220PF K (TAPPING)		153	CM608	C MYLAR	CMXM1H102J	50V 0.001MF J (TP)	
67	CC616-619	C CERA	CCXB1H821K	50V B 820PF K (TAPPING)		154	CM609-610	C MYLAR	CMXM1H682J	50V 0.0068MF J	
68	CC620	C CERA	CXCH1H101J	50V CH 100PF J (TAPPING)		155	CM611-612	C MYLAR	CMXM1H232J	50V 0.022MF J	
69	CC621-622	C CERA	CCXB1H331K	50V B 330PF K (TAPPING)		156	CM613	C MYLAR	CMXM1H102J	50V 0.001MF J (TP)	
70	CC623	C CERA	CCXF1H104Z	50V F 0.1MF Z		157	CM800-801	C MYLAR	CMXM1H473J	50V 0.047MF J	
71	CC800-801	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		158	CM802-803	C MYLAR	CMXM1H104J	50V 0.1MF J	
72	CC804-805	C CERA	CCXB1H331K	50V B 330PF K (TAPPING)		159	CM808-809	C MYLAR	CMXM1H392J	50V 0.0039MF J	
73	CC870-871	C CERA	CCXF1H473Z	50V F 0.047MF Z (TAPPING)		160	CM900-903	C MYLAR	CMXM1H104J	50V 0.1MF J	
74	CC872-873	C CERA	CCXB1H221K	50V B 220PF K (TAPPING)		161	CM904-906	C MYLAR	CMXM1H103J	50V 0.01MF J (TP)	
75	CC874-876	C CERA	CCXF1H104Z	50V F 0.1MF Z		162	CN400	CONN PIN	9736407600	PIN BASE 53095-1310 13P	
76	CC877-878	C CERA	CCXB1H331K	50V B 330PF K (TAPPING)		163	CN401	CONN PIN	9736407800	53095-1010 10PIN ANGLE	
77	CC900-902	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		164	CN500	CONN AS	9738840800	FFC 16P P1.0X250MM R	
78	CC904	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		165	CN508	CONN AS	9728812000	FFC 15P P1.25X250MM K	
79	CC906	C CERA	CCXF1H103Z	50V F 0.01MF Z (TAPPING)		166	CN601	CONN AS	9738835000	UL 2851 #28X2C0 3P 260MM	
80	CE001	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		167	CN602	CONN AS	9728804300	#26 7P SHIELD 350MM	
81	CE201	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP		168	CW100	CONN WAFER	9CD6258800	2P S2B-XH-A	
82	CE202-203	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP		169	CW500	CONN WAFER	9738842900	16P FFC PTT1.0	
83	CE205	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP		170	CW501	CONN WAFER	9CD6259500	2001-WS-6P	
84	CE206	C ELECTRO	CEXF1H478V	50V RSS 0.47MF (5X11) TP		171	CW507	CONN WAFER	9CD6259400	2001-WS-12P	
85	CE207-208	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		172	CW508	CONN WAFER	9CD6264100	52045-1545 TOP ENTRY	
86	CE209	C ELECTRO	CEXF1H109V	50V RSS 1MF (5X11) TP		173	CW510	CONN AS	9738841800	#26 400MM 3P 2.5P	
87	CE210	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		174	CW600	CONN AS	9728812400	#26 FLAT 200MM 7P	
88	CE230	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		175	CW601	CONN AS	9738835000	UL 2851 #28X2C0 3P 260MM	
89	CE231	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		176	CW602	CONN AS	9728804300	#26 7P SHIELD 350MM	
90	CE232	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		177	CW900	CONN WAFER	9728804100	#22 10P P2.5 350 BOARD-IN	
91	CE260	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		178	D400	DIODE	DZN4148---	1N4148 AUTO 52MM	
92	CE261	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		179	D501	DIODE	DZN4148---	1N4148 AUTO 52MM	
93	CE270	C ELECTRO	CEXF1E470V	25V RSS 47MF (5X11) TP		180	D601	DIODE	DZN4148---	1N4148 AUTO 52MM	
94	CE271-272	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		181	D802	DIODE	DZN4148---	1N4148 AUTO 52MM	
95	CE400-402	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		182	D870	DIODE	DZN4148---	1N4148 AUTO 52MM	
96	CE404-406	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		183	D900-901	DIODE	D1N4001---	1N4001	
97	CE408-411	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		184	D902-905	DIODE	DRL202---	RL202	
98	CE412	C ELECTRO	CEXF1E100V	25V RSS 10MF (5X11) TP		185	D910-913	DIODE	D1N5402---	1N5402	
99	CE413	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		186	D914	DIODE	DZN4148---	1N4148 AUTO 52MM	
100	CE414-415	C ELECTRO	CEXF1H229V	50V RSS 2.2MF (5X11) TP		187	DZ500	DIODE ZENER	DZT25R06---	UZ-5.6B	
101	CE500	C ELECTRO	CEYF1C102V	16V RSS 1000MF (10X20)		188	DZ501	DIODE ZENER	DZT23R08---	MTZ3.9B	
102	CE501-502	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		189	DZ900	DIODE ZENER	DZT26R28---	MTZ6.2B	
103	CE511	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP		190	DZ901	DIODE ZENER	DZT212B---	MTZ 12V 26MM TAPPING	
104	CE513	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP		191	DZ902	DIODE ZENER	DZT233B---	MTZ-33B	
105	CE514-515	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP		192	IC200	IC	1LA1833N---	LA1833N	
106	CE516	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		193	IC201	IC	1MC78L05---	MC78L05AC	
107	CE520	C ELECTRO	CEXF1H100V	50V RSS 10MF (5X11) TP		194	IC230	IC PLL	1LC72131---	LC72131	
108	CE521	C ELECTRO	CEXF1H479V	50V RSS 4.7MF (5X11) TP		195	IC260	IC	1TDA7479D-	TDA7479D	
109	CE522-524	C ELECTRO	CEXF1E101V	25V RSS 100MF (6.3X11) TP		196	IC400	IC	1TDA7440D-	TDA7440D	
110	CE525	C ELECTRO	CEXF1E330V	25V RSS 33MF (5X11) TP		197	IC501	IC SSP	1S1L9226---	S1L9226	
111	CE527-528	C ELECTRO	CEXF1H478V	50V RSS 0.47MF (5X11) TP		198	IC502	IC DSP	1S5L9290---	S5L9290	

Electrical Parts List

Model : XW-214/214R, 215/215R

NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK	NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK
199	IC503	IC	174HCT04AF	TC74HCT04AF		286	R261-262	R CARBON FILM	RD-AZ823J-	1/6 82K OHM J	
200	IC504	IC MOTOR DRIVE	1BA5939S--	BA5939S		287	R270-271	R CARBON FILM	RD-AZ222J-	1/6 2.2K OHM J	
201	IC600	IC	1BU4094BCF	BU4094BCF(SOP16)		288	R272	R CARBON FILM	RD-AZ221J-	1/6 220 OHM J	
202	IC602	IC	1TA8189N--	TA8189N		289	R273	R CARBON FILM	RD-AZ474J-	1/6 470K OHM J	
203	IC603	IC	1UPC1330HA	UPC1330HA		290	R274	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
204	IC800-801	IC	1TDA7295--	TDA7295		291	R275	R CARBON FILM	RD-AZ474J-	1/6 470K OHM J	
205	IC870	IC	1BA4560N--	BA4560N(H/P AMP)		292	R276	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
206	IC900	IC	1L4959----	L4959		293	R277-278	R CARBON FILM	RD-AZ272J-	1/6 2.7K OHM J	
207	J001	JACK ANT	9736321900	PAT645		294	R400-401	R CARBON FILM	RD-AZ105J-	1/6 1M OHM J	
208	J490	JACK RCA	9CD6313700	S-436P		295	R402-405	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
209	J800	JACK SPEAKER	9736320500	CJ-9007-040		296	R406-407	R CARBON FILM	RD-AZ562J-	1/6 5.6K OHM J	
210	J870	JACK HEADPHONE	9766319501	HTJ-064-05B GOLD		297	R408-409	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
211	JW129	R CARBON FILM	RD-AZ220J-	1/6 22 OHM J		298	R410	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J	
212	JW532	COIL BEAD	5LX159P829	1.5UH MIN		299	R411	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
213	JW534	COIL BEAD	5LX159P829	1.5UH MIN		300	R412-413	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
214	JW536-537	COIL BEAD	5LX159P829	1.5UH MIN		301	R414	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
215	JW540	COIL BEAD	5LX159P829	1.5UH MIN		302	R415-416	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J	
216	JW547	COIL BEAD	5LX159P829	1.5UH MIN		303	R430-431	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
217	L001	COIL PEAKING	5CPZ100K02	10UH K (AXIAL 3.5MM)		304	R490	R CARBON FILM	RD-AZ392J-	1/6 3.9K OHM J	
218	L100	AM RF UNIT	5LR0000835	KSNT-213M-1		305	R491-492	R CARBON FILM	RD-AZ183J-	1/6 18K OHM J	
219	L102	COIL PEAKING	5CPZ100K02	10UH K (AXIAL 3.5MM)		306	R493	R CARBON FILM	RD-AZ392J-	1/6 3.9K OHM J	
220	L270-271	COIL	5P07808--	6068MPX		307	R500	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	
221	L500-501	COIL BEAD	5LX159P829	1.5UH MIN		308	R501	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
222	L600	COIL BIAS OSC	5L0503K643	SM-10F 5.04MH		309	R502-503	R CARBON FILM	RD-AZ121J-	1/6 120 OHM J	
223	L601-602	COIL CHOKE	5LC333K804	33MH K		310	R504	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
224	Q001	TR	TZTC3194Y-	KTC3194Y		311	R513	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
225	Q231	TR	TZRA107M--	KRA107M (KSR2006)		312	R514	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
226	Q270-271	TRANSISTOR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		313	R515	R CARBON FILM	RD-AZ105J-	1/6 1M OHM J	
227	Q500	TR	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)		314	R516	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J	
228	Q501	TRANSISTOR	TZTC3198Y-	KTC3198Y-(1815Y) (AUTO)		315	R520-526	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J	
229	Q502-503	TR	TKSC2331Y-	KSC2331Y		316	R528	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
230	Q510	TR	TKSA928AY-	KSA928A-Y		317	R529-532	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J	
231	Q600	TR	TKRC111M--	KRC111M (KSR1010)		318	R540	R CARBON FILM	RD-AZ223J-	1/6 22K OHM J	
232	Q601	TR	TZRA107M--	KRA107M (KSR2006)		319	R541	R CARBON FILM	RD-AZ823J-	1/6 82K OHM J	
233	Q602	TR	TKRC111M--	KRC111M (KSR1010)		320	R542	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J	
234	Q603-604	TR	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)		321	R543	R CARBON FILM	RD-AZ124J-	1/6 120K OHM J	
235	Q605	TR	TKRC111M--	KRC111M (KSR1010)		322	R544	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
236	Q606	TR	TZTD1302--	KTD1302		323	R545	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J	
237	Q607	TR	TZTC3205Y-	KTC3205Y (2236Y)		324	R546	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
238	Q608	TR	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)		325	R547	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J	
239	Q609	TR	TZTD1302--	KTD1302		326	R548	R CARBON FILM	RD-AZ823J-	1/6 82K OHM J	
240	Q610	TR	TZTA1273Y-	KTA1273Y(966Y)		327	R549-550	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
241	Q612	TR	TZTD1302--	KTD1302		328	R551	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
242	Q614	TR	TKRC111M--	KRC111M (KSR1010)		329	R552	R CARBON FILM	RD-AZ563J-	1/6 56K OHM J	
243	Q616	TR	TZTD1302--	KTD1302		330	R553	R CARBON FILM	RD-AZ223J-	1/6 22K OHM J	
244	Q802	TR	TZRA107M--	KRA107M (KSR2006)		331	R554	R CARBON FILM	RD-AZ822J-	1/6 8.2K OHM J	
245	Q803	TR	TKRC111M--	KRC111M (KSR1010)		332	R555	R CARBON FILM	RD-AZ153J-	1/6 15K OHM J	
246	Q804-805	TR	TZTD1302--	KTD1302		333	R556	R CARBON FILM	RD-AZ105J-	1/6 1M OHM J	
247	Q870-873	TR	TKRC111M--	KRC111M (KSR1010)		334	R557	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J	
248	Q900	TR	TZTA1273Y-	KTA1273Y(966Y)		335	R558	R CARBON FILM	RD-AZ184J-	1/6 180K OHM J	
249	R002	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO		336	R559	R CARBON FILM	RD-AZ183J-	1/6 18K OHM J	
250	R003	R CARBON FILM	RD-AZ331J-	1/6 330 OHM J		337	R560	R CARBON FILM	RD-AZ220J-	1/6 22 OHM J	
251	R004	R CARBON FILM	RD-AZ470J-	1/6 47 OHM J		338	R561	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J	
252	R005	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J		339	R562	R CARBON FILM	RD-AZ823J-	1/6 82K OHM J	
253	R006	R CARBON FILM	RD-AZ681J-	1/6 680 OHM J		340	R563-566	R CARBON FILM	RD-AZ563J-	1/6 56K OHM J	
254	R007	R CARBON FILM	RD-AZ331J-	1/6 330 OHM J		341	R567	R CARBON FILM	RD-AZ823J-	1/6 82K OHM J	
255	R009	R CARBON FILM	RD-AZ121J-	1/6 120 OHM J		342	R570	R CARBON FILM	RD-AZ334J-	1/6 330K OHM J	
256	R010	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J		343	R571	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
257	R100	R CARBON FILM	RD-AZ223J-	1/6 22K OHM J		344	R572	R CARBON FILM	RD-AZ334J-	1/6 330K OHM J	
258	R101	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J		345	R573	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
259	R102	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		346	R574	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J	
260	R200	R CARBON FILM	RD-AZ682J-	1/6 6.8K OHM J		347	R575-576	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
261	R201A	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J		348	R577	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J	
262	R201B	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J		349	R578-579	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
263	R202	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		350	R580-581	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
264	R203	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J		351	R582-583	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J	
265	R204	R CARBON FILM	RD-AZ183J-	1/6 18K OHM J		352	R584	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
266	R205	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		353	R585-586	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	
267	R206	R CARBON FILM	RD-AZ151J-	1/6 150 OHM J		354	R587-588	R CARBON FILM	RD-Z2150J-	1/2 15 OHM J	
268	R207	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J		355	R589	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
269	R208	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J		356	R590	R CARBON FILM	RD-AZ153J-	1/6 15K OHM J	
270	R209-210	R CARBON FILM	RD-AZ152J-	1/6 1.5K OHM J		357	R591	R CARBON FILM	RD-AZ183J-	1/6 18K OHM J	
271	R211-212	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J		358	R592-594	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
272	R213	R CARBON FILM	RD-AZ563J-	1/6 56K OHM J		359	R595-596	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	
273	R230-231	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J		360	R600	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J	
274	R232	R CARBON FILM	RD-AZ470J-	1/6 47 OHM J		361	R601	R CARBON FILM	RD-AZ561J-	1/6 560 OHM J	
275	R233	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J		362	R602	R CARBON FILM	RD-AZ392J-	1/6 3.9K OHM J	
276	R234	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J		363	R603	R CARBON FILM	RD-AZ821J-	1/6 820 OHM J	
277	R235-237	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		364	R604	R CARBON FILM	RD-AZ682J-	1/6 6.8K OHM J	
278	R239	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		365	R605	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J	
279	R241	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		366	R606	R CARBON FILM	RD-AZ561J-	1/6 560 OHM J	
280	R242-244	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		367	R607	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
281	R245	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J		368	R608	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J	
282	R246	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		369	R609	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
283	R253	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J		370	R610	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J	
284	R254	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J		371	R611	R CARBON FILM	RD-AZ479J-	1/6 4.7 OHM J	
285	R260	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J		372	R613-614	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	

Electrical Parts List

Model : XW-214/214R, 215/215R

NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK	NO	LOCATION	PART-NAME	PART-CODE	PART-DESC	REMARK
373	R615	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J		6	D980-985	DIODE	D1N4001---	1N4001	
374	R616	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		7	F981	FUSE GLASS TUBE	5FSGB1222L	SEMKO TL 1.25A 250V MF51	
375	R618	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		8	FC982-983	CLIP FUSE	9734600700	FC-5N	
376	R619	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J		9	IC980	IC	1MC78L05--	MC78L05AC	
377	R620	R CARBON FILM	RD-AZ151J-	1/6 150 OHM J		10	PT980	TRANS POWER	5TP8028829	EI=28X12 230V 50HZ	
378	R621	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J		11	PT981	TRANS POWER	5TP8074837	EI=74X42 230V 50HZ	
379	R622-623	R CARBON FILM	RD-AZ184J-	1/6 180K OHM J		12	Q981	TR	TZTC3205Y-	KTC3205Y (2236Y)	
380	R624	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		13	R980	R METAL FILM	RN-2Y475J-	1/2 4.7M OHM J	
381	R626	R CARBON FILM	RD-AZ221J-	1/6 220 OHM J		14	R981	R CARBON FILM	RD-4Z101J-	1/4 100 OHM J	
382	R627	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J		15	R982	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J	
383	R628-629	R CARBON FILM	RD-AZ82J-	1/6 82K OHM J		16	R983	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J	
384	R633-635	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J		17	RF980	R FUSIBLE	RF01F4780J	0.47OHM 1W	
385	R636	R CARBON FILM	RD-AZ105J-	1/6 1M OHM J		18	RF982-983	R FUSIBLE	RF01F4780J	0.47OHM 1W	
386	R637	R CARBON FILM	RD-AZ271J-	1/6 270 OHM J		19	RY980	SW RELAY	5SC2001A01	SDT-S-105LMR	
387	R638-639	R CARBON FILM	RD-AZ392J-	1/6 3.9K OHM J		20	TP980-981	PIN WRAPPING	9713550400	1.0X2.5X15	
388	R640	R CARBON FILM	RD-AZ271J-	1/6 270 OHM J							
389	R641-642	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
390	R643-644	R CARBON FILM	RD-AZ184J-	1/6 180K OHM J							
391	R645	R CARBON FILM	RD-AZ183J-	1/6 18K OHM J							
392	R646	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
393	R647	R CARBON FILM	RD-AZ470J-	1/6 47 OHM J							
394	R648-649	R CARBON FILM	RD-AZ334J-	1/6 330K OHM J							
395	R650-651	R CARBON FILM	RD-AZ151J-	1/6 150 OHM J							
396	R652-653	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
397	R654-655	R CARBON FILM	RD-AZ272J-	1/6 2.7K OHM J							
398	R656	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J							
399	R657	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
400	R658	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J							
401	R659-660	R CARBON FILM	RD-AZ682J-	1/6 6.8K OHM J							
402	R661	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
403	R662-663	R CARBON FILM	RD-AZ683J-	1/6 68K OHM J							
404	R664-665	R CARBON FILM	RD-AZ820J-	1/6 82 OHM J							
405	R666-669	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J							
406	R670	R CARBON FILM	RD-AZ183J-	1/6 18K OHM J							
407	R671	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
408	R672-673	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J							
409	R674-677	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J							
410	R802-805	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J							
411	R806	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
412	R808	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
413	R810	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
414	R811-812	R CARBON FILM	RD-AZ473J-	1/6 47K OHM J							
415	R813-814	R CARBON FILM	RD-AZ681J-	1/6 680 OHM J							
416	R815-816	R CARBON FILM	RD-AZ223J-	1/6 22K OHM J							
417	R817-818	R CARBON FILM	RD-AZ104J-	1/6 100K OHM J							
418	R819-820	R CARBON FILM	RD-AZ472J-	1/6 4.7K OHM J							
419	R870	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J							
420	R871	R CARBON FILM	RD-AZ560J-	1/6 56 OHM J							
421	R872	R CARBON FILM	RD-AZ563J-	1/6 56K OHM J							
422	R874	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J							
423	R876	R CARBON FILM	RD-AZ183J-	1/6 18K OHM J							
424	R877	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J							
425	R878	R CARBON FILM	RD-AZ183J-	1/6 18K OHM J							
426	R879	R CARBON FILM	RD-AZ101J-	1/6 100 OHM J							
427	R880	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J							
428	R881	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J							
429	R882	R CARBON FILM	RD-AZ563J-	1/6 56K OHM J							
430	R883	R CARBON FILM	RD-AZ333J-	1/6 33K OHM J							
431	R900-901	R CARBON FILM	RD-4Z479J-	1/4 4.7 OHM J							
432	R902-903	R CARBON FILM	RD-AZ221J-	1/6 220 OHM J							
433	R904	R CARBON FILM	RD-4Z121J-	1/4 120 OHM J							
434	R905	R CARBON FILM	RD-AZ562J-	1/6 5.6K OHM J							
435	R906-908	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
436	R909	R CARBON FILM	RD-AZ562J-	1/6 5.6K OHM J							
437	R910	R CARBON FILM	RD-AZ102J-	1/6 1K OHM J							
438	R911	R CARBON FILM	RD-AZ100J-	1/6 10 OHM J							
439	R912	R CARBON FILM	RD-AZ562J-	1/6 5.6K OHM J							
440	R913	R CARBON FILM	RD-AZ103J-	1/6 10K OHM J							
441	RV600	R SEMI FIXED	RV1417222-	1/10 2.2K OHM B V6EK-PV1S							
442	TU001	TUNER PACK	9737613500	FTE4-401TC							
443	W501	WIRE LEAD	WP-4BK8007	AWG26 7/0.16 BK 10-80-10							
444	XC200	C DISCRIMINATOR	5P107MG86C	CDA10.7MG86N-C							
445	XC230	X-TAL	5XA7R20000	7.2M							
446	XC260	X-TAL	5XA4R332M-	4.332M							
447	XC501	RESONATOR CERA	5PCST16R93	CSTLS16M9X55-B0							
1	13000	PCB OPTICAL JACK AS	9CDC050700	AMI-710R0F(OM MECHA)							
2	B001	PCB OPTICAL	9CD6577800	29X21X1.6T							
3	BD501	CORE BEAD	9768602000	H.B-T15X25X13ON							
4	CC561	C CERA	CCXF1H104Z	50V F 0.1MF Z							
5	CN510	CONN AS	9738841800	#26 400MM 3P 2.5P							
6	IC507	IC	1TOTX178--	TOTX178							
7	L502	WIRE JUMPER	W581GY6095	AWG22 1/0.65 SN 6 AUTO							
1	12000	PCB P/T AS	9CDC060000	AMI-829RW							
2	B9000	PCB P/T	9CD6580501	108X123X1.6T							
3	CD900	CORD AC	9736900200	KKP419C.KLCE-2F,0.75SQURE							
4	CE980	C ELECTRO	CEYF1E102V	25V RSS 1000MF (13X20)							
5	CN900	CONN WAFER	9728804100	#22 10P P2.5 350 BOARD-IN							

Electrical Parts List

Model : XW-212/212R Option List

1. POWER SAVE OPTION

PCB FRONT AS

LOC	PART NAME	WITHOUT POWER SAVE	WITH POWER SAVE	
			S/N	DESCRIPTION
CN708	CONN AS	X	9728802800	#26 3P FLAT 360MM P=2.5
JW701	WIRE JUMPER	X	W581GY6095	AWG22 1/0.65 SN 6.0 AUTO
JW708	WIRE JUMPER	X	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO
LD716	LED	X	DLTL307EE-	LTL-307EE(RED) PI5
Q717	TR	X	TZRC107M--	KRC107M(AUTO)
R776	R CARBON FILM	O	RD-AZ103J-	1/6W 10K JJ
R774	R CARBON FILM	X	RD-AZ561J-	1/6W 560 JJ
R775	R CARBON FILM	X	RD-AZ392J-	1/6W 3.9K JJ

PCB P/T AS

LOC	PART NAME	WITHOUT POWER SAVE	WITH POWER SAVE	
			S/N	DESCRIPTION
CC995	C CERA	W581GY1005	X	
CE991	C ELECTRO	X	CEYF1E222V	25V 2200uF
CW708	CONN WAFER	X	2503-WS-03	3P PITCH 2.5MM
D991	DIODE	X	D1N4001A--	1N4001A AUTO
D992	DIODE	X	D1N4001A--	1N4001A AUTO
D993	DIODE	X	D1N4001A--	1N4001A AUTO
D994	DIODE	X	D1N4001A--	1N4001A AUTO
D995	DIODE	X	D1N4148---	1N4148 AUTO 52MM
D996	DIODE	X	D1N4001A--	1N4001A AUTO
IC903	IC	X	1MC78L05--	MC78L05AC
PT992	TRANS POWER	X	5TP8028829	EI=28X12 230V 50HZ
Q992	TR	X	TZTC2236Y-	KTC3205Y (2236Y)
R991	R METAL FILM	X	RN-2Y475J-	1/2 4.7M OHM J
RY991	SW RELAY	X	5SC2001A01	SDT-S-105LMR
R992	R CARBON FILM	X	RD-4Z100J-	1/4W 10 JJ
R994	R CARBON FILM	X	RD-AZ103J-	1/6W 10K JJ

3. FTZ OPTION

PCB MAIN AS

LOC	PART NAME	SIMPLE	FULL FTZ	
			S/N	DESCRIPTION
CC203	C CERA	CCXB1H821K	CCXB1H561K	50V B 560PF K
CC214	C CERA	CCXB1H562K	X	
CC215	C CERA	CCXB1H562K	X	
CF001	FILTER CERA	5PE107MS3-	5PE107MJA-	SFE 10.7MHZ RED
CF002	FILTER CERA	5PE107MS3-	5PE107MJA-	SFE 10.7MHZ RED
JW204	WIRE JUMPER	W581GY6095	X	
JW205	WIRE JUMPER	W581GY6095	X	
JW213	WIRE JUMPER	X	W581GY1005	AWG22 10MM
L102	COIL PEAKING	X	5CPZ100K02	10UH K (AXIAL 3.5MM)
L201	COIL	X	5P076068--	6068MPX
L202	COIL	X	5P076068--	6068MPX
R214	R CARBON FILM	X	RD-AZ332J-	1/6 3.3K JJ
R215	R CARBON FILM	X	RD-AZ332J-	1/6 3.3K JJ
R217	R CARBON FILM	RD-AZ822J-	W581GY6095	AWG22 6MM
R218	R CARBON FILM	RD-AZ822J-	W581GY6095	AWG22 6MM
R219	R CARBON FILM	RD-AZ223J-	X	
R220	R CARBON FILM	RD-AZ223J-	X	
TU001	TUNER PACK	9737613201	9737613501	KST-F404VA-1
			9737613100	FTE4-401TC

2. RDS OPTION

PCB FRONT AS

LOC	PART NAME	WITHOUT RDS	WITH RDS	
			S/N	DESCRIPTION
D713	DIODE	X	DZN4148---	1N4148 AUTO 52MM
IC706	IC	X	1TDA7479D-	TDA7479D
JW705	WIRE JUMPER	X	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO
LD713	LED	X	DLTL307EE-	LTL-307EE(RED)PI5
R780	R CARBON FILM	X	RD-AZ181J-	1/6W 180 JJ
R781	R CARBON FILM	X	RD-AZ473J-	1/6W 47K JJ

*BAND OPTION R724 : 22K

PCB MAIN AS

LOC	PART NAME	WITHOUT RDS	WITH RDS	
			S/N	DESCRIPTION
CC260	C CERA	X	CCXF1H103Z	50V F 0.01MF Z
CC261	C CERA	X	CCXB1H331K	50V B 330PF K
CC262	C CERA	X	CXCH1H470J	50V B 47PF K
CC263	C CERA	X	CXCH1H820J	50V F 82PF K
CE215	C ELEC	X	CEXF1E470V	25V RSS 47MF (5X11)
CE216	C ELEC	X	CEXF1H339V	50V RSS 3.3MF (5X11)
IC260	IC	X	1TDA7479D-	TDA7479D
JW218	JUMPER	X	W581GY6095	AWG22 1/0.65 SN 6 AUTO
JW219	JUMPER	X	W581GY6095	AWG22 1/0.65 SN 6 AUTO
R270	R CARBON FILM	X	RD-AZ470J-	1/6W 47 JJ
R271	R CARBON FILM	X	RD-AZ103J-	1/6W 10K JJ
R272	R CARBON FILM	X	RD-AZ103J-	1/6W 10K JJ
XC202	X-TAL	X	5XA4R332M-	4.332MHz

4. OPTICAL OPTION

PCB MAIN AS

LOC	PART NAME	NO DIGITAL OUT	DIGITAL OUT	
			S/N	DESCRIPTION
CC561	C CERA	X	CCXF1H104Z	50V F 0.1MF Z
CN505	CONN AS	X	9738841800	#26 3P 400MM
IC507	JACK OPTICAL	X	1TOTX178--	TOTX178
JW581	WIRE JUMPER	X	W581GY6095	AWG22 6MM

Electrical Parts List

Model : XW-212/212R Option List

5. TUNER BAND OPTION(R721)

PCB FRONT AS

	ITEM	AM1	AM2	E/2B	JAPAN	ASIA1/12	ASIA2/24	CIS	S/AM	E2-2
	RDS									O
	BAND	FM/AM	FM/AM	FM/MW	FM/AM	FM/AM	FM/AM	FM/FM/MW	FM/AM	FM/MW
NO	HOURL	12	12	24	12	12	24	24	12	24
	STEP	100/10	200/10	50/9	100/9	100/9	100/9	10/50/9	100/10	50/9
1	R721	JW	330	1.2K	1.8K	2.7K	3.9K	6.8K	10K	22K
	1	87.5MHz	87.5MHz	87.5MHz	76MHz	87.5MHz	87.5MHz	65MHz	87.5MHz	87.5MHz
	2	90	90.1	90	80	90	90	67.1	90	90
CH	3	98	98.1	98	92	98	98	69.5	98	98
	4	106	106.1	106	104	106	106	72.1	106	106
	5	108	108.1	108	108	108	108	74	108	108
	STEP	100KHz	200KHz	50KHz	100KHz	100KHz	100KHz	10KHz	100KHz	50KHz
	1	530KHz	530KHz	522KHz	522KHz	522KHz	522KHz	87.5MHz	530KHz	522KHz
	2	600	600	603	603	603	603	90	600	603
CH	3	1000	1000	999	999	999	999	98	1000	999
	4	1400	1400	1404	1404	1404	1404	106	1400	1404
	5	1710	1710	1620	1620	1620	1620	108	1620	1620
	STEP	10KHz	10KHz	9KHz	9KHz	9KHz	9KHz	50KHz	10KHz	9KHz
	1							522KHz		
	2							"		
CH	3							"		
	4							"		
	5							"		
	STEP							9KHz		

Model : XW-214/214R, 215/215R Option List

1. POWER SAVE OPTION

PCB FRONT AS

LOC	PART NAME	WITHOUT POWER SAVE	WITH POWER SAVE	
			S/N	DESCRIPTION
JW701	WIRE JUMPER	X	W581GY6095	AWG22 1/0.65 SN 6.0 AUTO
JW708	WIRE JUMPER	X	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO
LD716	LED	X	DLTL307EE-	LTL-307EE(RED) PI5
Q717	TR	X	TZRC107M--	KRC107M(AUTO)
R776	R CARBON FILM	O	RD-AZ103J-	1/6W 10K JJ
R774	R CARBON FILM	X	RD-AZ561J-	1/6W 560 JJ
R775	R CARBON FILM	X	RD-AZ392J-	1/6W 3.9K JJ

2. RDS OPTION

PCB FRONT AS

LOC	PART NAME	WITHOUT RDS	WITH RDS	
			S/N	DESCRIPTION
D713	DIODE	X	DZN4148---	1N4148 AUTO 52MM
IC706	IC	X	1TDA7479D-	TDA7479D
JW705	WIRE JUMPER	X	W581GY7595	AWG22 1/0.65 SN 7.5 AUTO
LD713	LED	X	DLTL307EE-	LTL-307EE(RED)PI5
R780	R CARBON FILM	X	RD-AZ181J-	1/6W 180 JJ
R781	R CARBON FILM	X	RD-AZ473J-	1/6W 47K JJ

*BAND OPTION R724 : 22K

PCB MAIN AS

LOC	PART NAME	WITHOUT POWER SAVE	WITH POWER SAVE	
			S/N	DESCRIPTION
JW509	JUMPER	X	W581GY6095	AWG22 1/0.65 SN 6.0 AUTO
JW427	JUMPER	X	W581GY1005	AWG22 1/0.65 SN 10 AUTO
CN900	CONNECTOR	8P		10P

PCB MAIN AS

LOC	PART NAME	WITHOUT RDS	WITH RDS	
			S/N	DESCRIPTION
CC260	C CERA	X	CCXB1H331K	50V B 330PF K
CC261	C CERA	X	CCXB1H331K	50V B 330PF K
CC262	C CERA	X	CCXB1H331K	50V B 330PF K
CC263	C CERA	X	CCXF1H103Z	50V F 0.01MF Z
CC264	C CERA	X	CXCH1H820J	50V CH 82PF J
CC265	C CERA	X	CXCH1H470J	50V CH 47PF J
CC266	C CERA	X	CCXB1H331K	50V B 330PF K
CE260	C ELEC	X	CEXF1H229V	50V RSS 2.2MF (5X11)
CE261	C ELEC	X	CEXF1E470V	25V RSS 47MF (5X11)
IC260	IC	X	1TDA7479D-	TDA7479D
JW108	JUMPER	X	W581GY6095	AWG22 1/0.65 SN 6 AUTO
R260	R CARBON FILM	X	RD-AZ100J-	1/6W 10 JJ
R261	R CARBON FILM	X	RD-AZ823J-	1/6W 82K JJ
R262	R CARBON FILM	X	RD-AZ823J-	1/6W 82K JJ
XC260	X-TAL	X	5XA4R332M-	4.332M

3. FTZ OPTION

PCB MAIN AS

LOC	PART NAME	SIMPLE	FULL FTZ	
			S/N	DESCRIPTION
CF001	FILTER CERA	5PE107MS3-	5PE107MJA-	SFE 10.7MHZ RED
CF002	FILTER CERA	5PE107MS3-	5PE107MJA-	SFE 10.7MHZ RED
L102	COIL PEAKING	X	5CPZ100K02	10UH K (AXIAL 3.5MM)
TU001	TUNER PACK	9737613201	9737613501	KST-F404VA

Electrical Parts List

Model : XW-214/214R, 215/215R Option List

4.TUNER BAND OPTION(R724)

PCB FRONT AS

	ITEM	AM1	AM2	E/LW	JAPAN	ASIA1/12	ASIA2/24	CIS	S/AM	E2-2
	RDS									O
	BAND	FM/AM	FM/AM	FM/MW/LW	FM/AM	FM/AM	FM/AM	FM/FM/MW	FM/AM	FM/MW
NO	HOURL	12	12	24	12	12	24	24	12	24
	STEP	100/10	200/10	`50/9	100/9	100/9	100/9	`10/50/9	100/10	`50/9
1	R724	JW	330	680	1.8K	2.7K	3.9K	6.8K	10K	22K
	1	87.5MHz	87.5MHz	87.5MHz	76MHz	87.5MHz	87.5MHz	65MHz	87.5MHz	87.5MHz
	2	90	90.1	90	80	90	90	67.1	90	90
CH	3	98	98.1	98	92	98	98	69.5	98	98
	4	106	106.1	106	104	106	106	72.1	106	106
	5	108	108.1	108	108	108	108	74	108	108
	STEP	100KHz	200KHz	50KHz	100KHz	100KHz	100KHz	10KHz	100KHz	50KHz
	1	530KHz	530KHz	522KHz	522KHz	522KHz	522KHz	87.5MHz	530KHz	522KHz
	2	600	600	603	603	603	603	90	600	603
CH	3	1000	1000	999	999	999	999	98	1000	999
	4	1400	1400	1404	1404	1404	1404	106	1400	1404
	5	1710	1710	1620	1620	1620	1620	108	1620	1620
	STEP	10KHz	10KHz	9KHz	9KHz	9KHz	9KHz	50KHz	10KHz	9KHz
	1			153KHz				522KHz		
	2			164				"		
CH	3			218				"		
	4			272				"		
	5			281				"		
	STEP			1KHz				9KHz		

5. Power OPTION(230V BASIC)

PCB MAIN AS

LOC	PART NAME	XW-214/214R	XW-215/215R
CE907	C ELEC	25V RSS 2200MF (16X25)	CEXF1V222V RSS 50V 2200/35 (16X31.5)
CE908	C ELEC	25V RSS 2200MF (16X25)	CEXF1V222V RSS 50V 2200/35 (16X31.5)
CE913	C ELEC	35V RSS 3300MF (18X35.5)	CEXF1H332V RSS 50V 3300MF (26X41)
CE914	C ELEC	35V RSS 3300MF (18X35.5)	CEXF1H332V RSS 50V 3300MF (26X41)
F980	FUSE	UL/CSA NM 1.25A 250V MF51	5F1GB2512M UL/CSA NM 2.5A 250V MF51
F981	FUSE	SEMKO TL 630mA 250V MF51	5FSGB1222L SEMKO TL 1.25A 250V MF51
IC800	IC	TDA7296S	1TDA7295-- TDA7295S
IC801	IC	TDA7296S	1TDA7295-- TDA7295S
PT981	TRANS POWER	5TP8066830(EI=66X45 230V 50HZ)	5TP8074837 EI=74X42 230V 50HZ