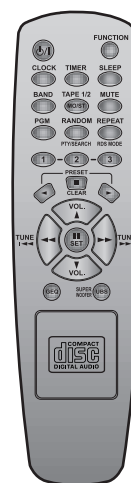


# Service Manual

## 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.

|                                                                                                                                                                         |                                                                                                                                                                                                                 |                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|                                                                                        | <b>CAUTION</b><br><b>RISK OF ELECTRIC SHOCKS</b><br><b>DO NOT OPEN</b>                                                                                                                                          |  |
| <b>CAUTION :</b> 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

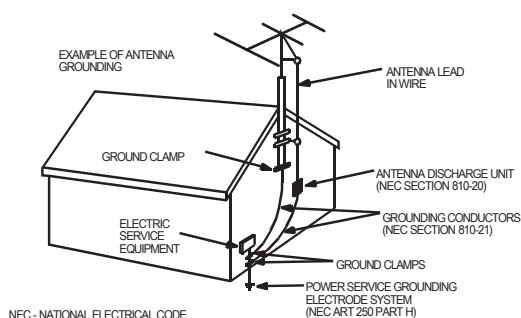


Figure 2

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.

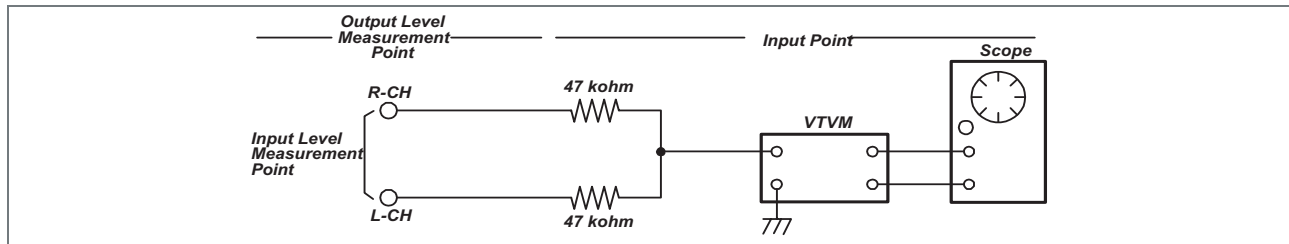
16. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

- 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     |

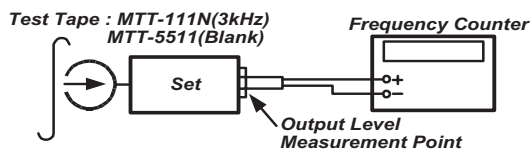


FIG. 1 : Tape Speed & Record Bias Oscillator Frequency Adjust Circuit

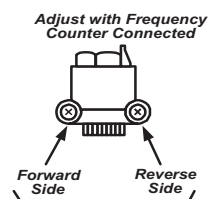


FIG. 2 : Tape Azimuth Adjust Location (Record/Playback Head)

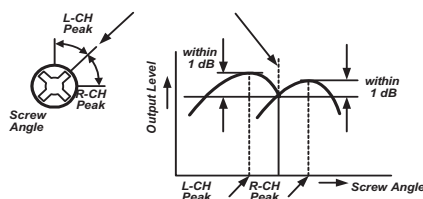


FIG. 3 : Tape Azimuth Adjust Head Screw & Waveform

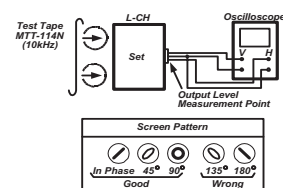
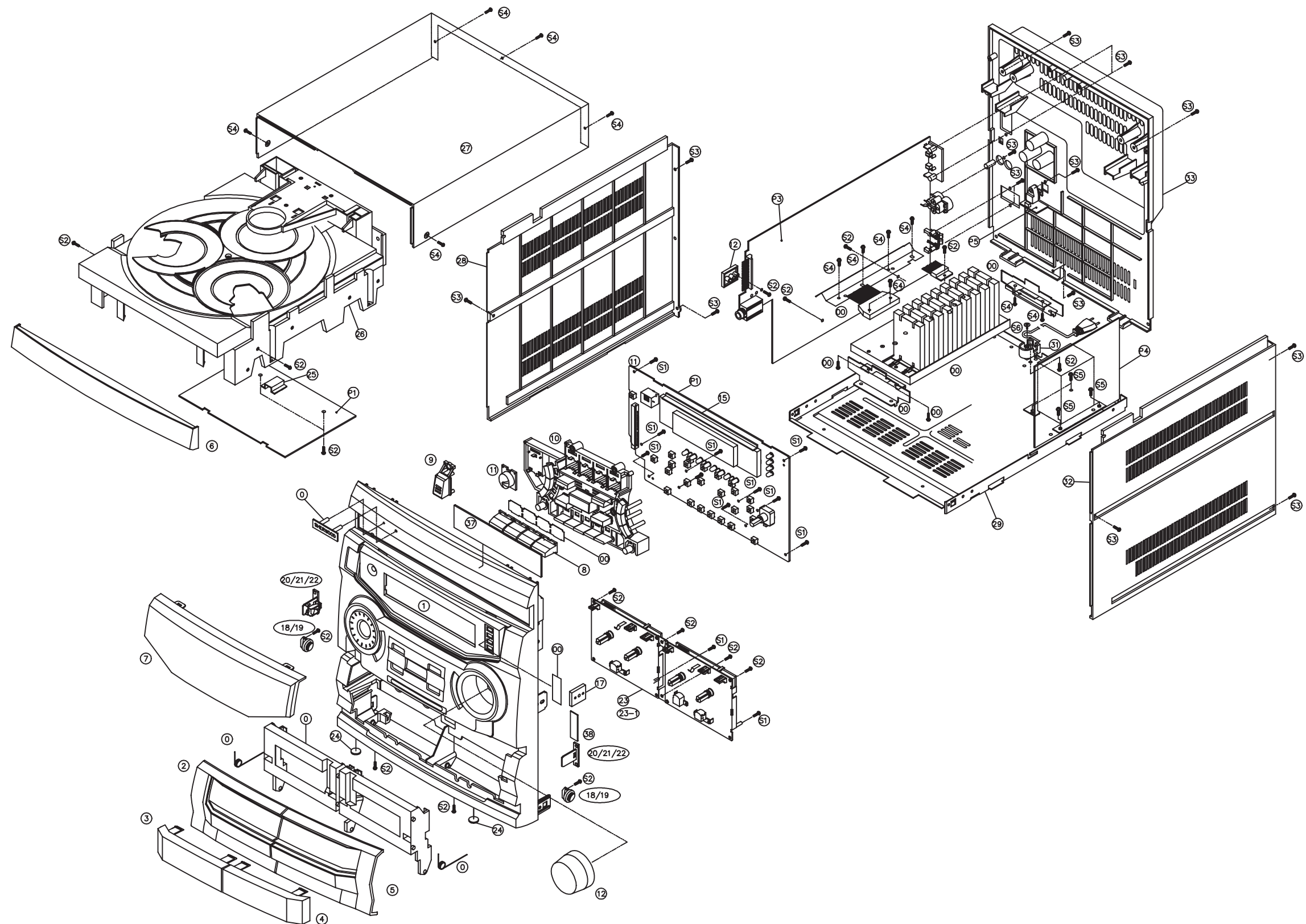


FIG. 4 : Tape Azimuth Adjust Circuit & Waveform

# Exploded View and Mechanical Parts List

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



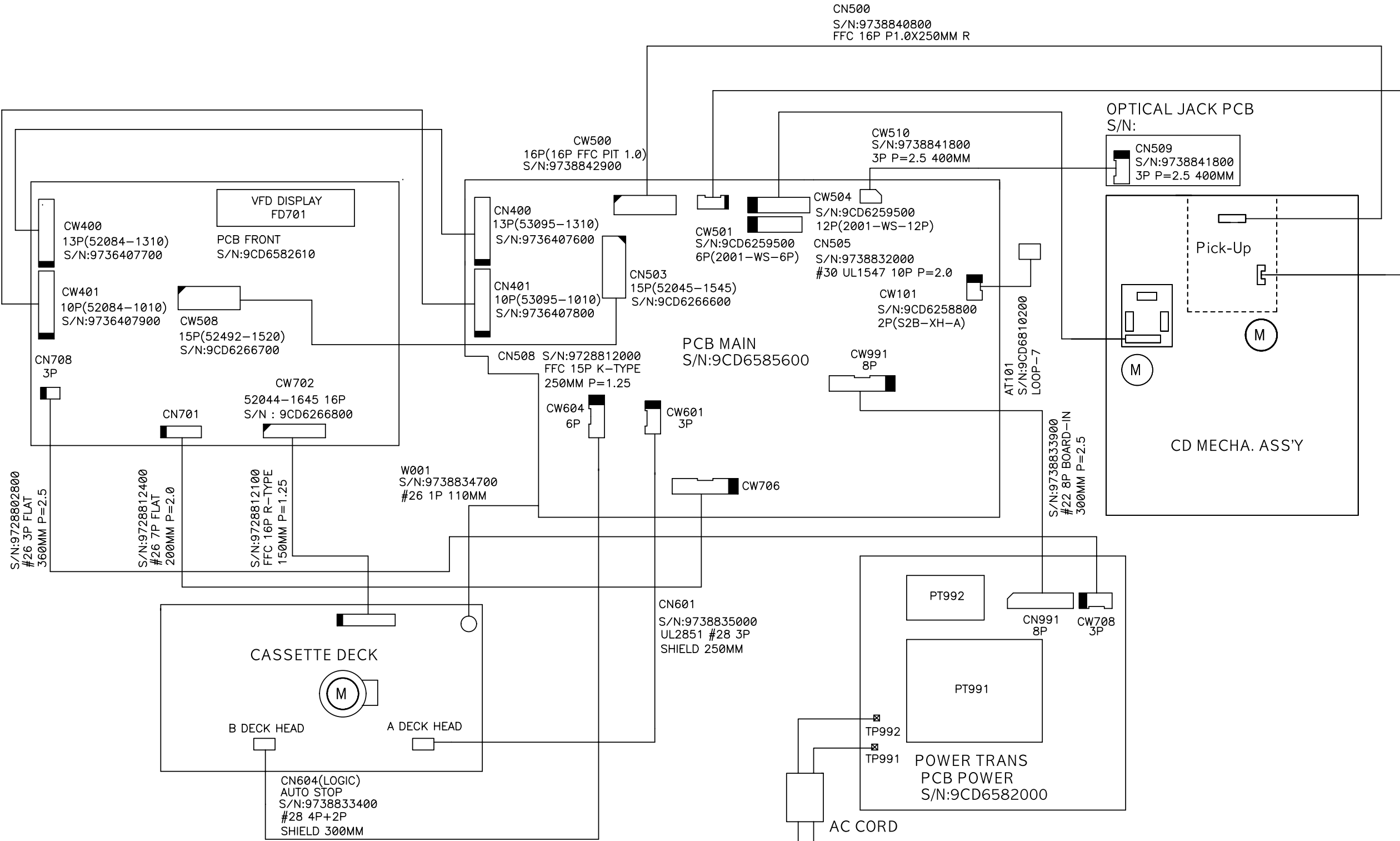
## Exploded View and Mechanical Parts List

| 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    |         |

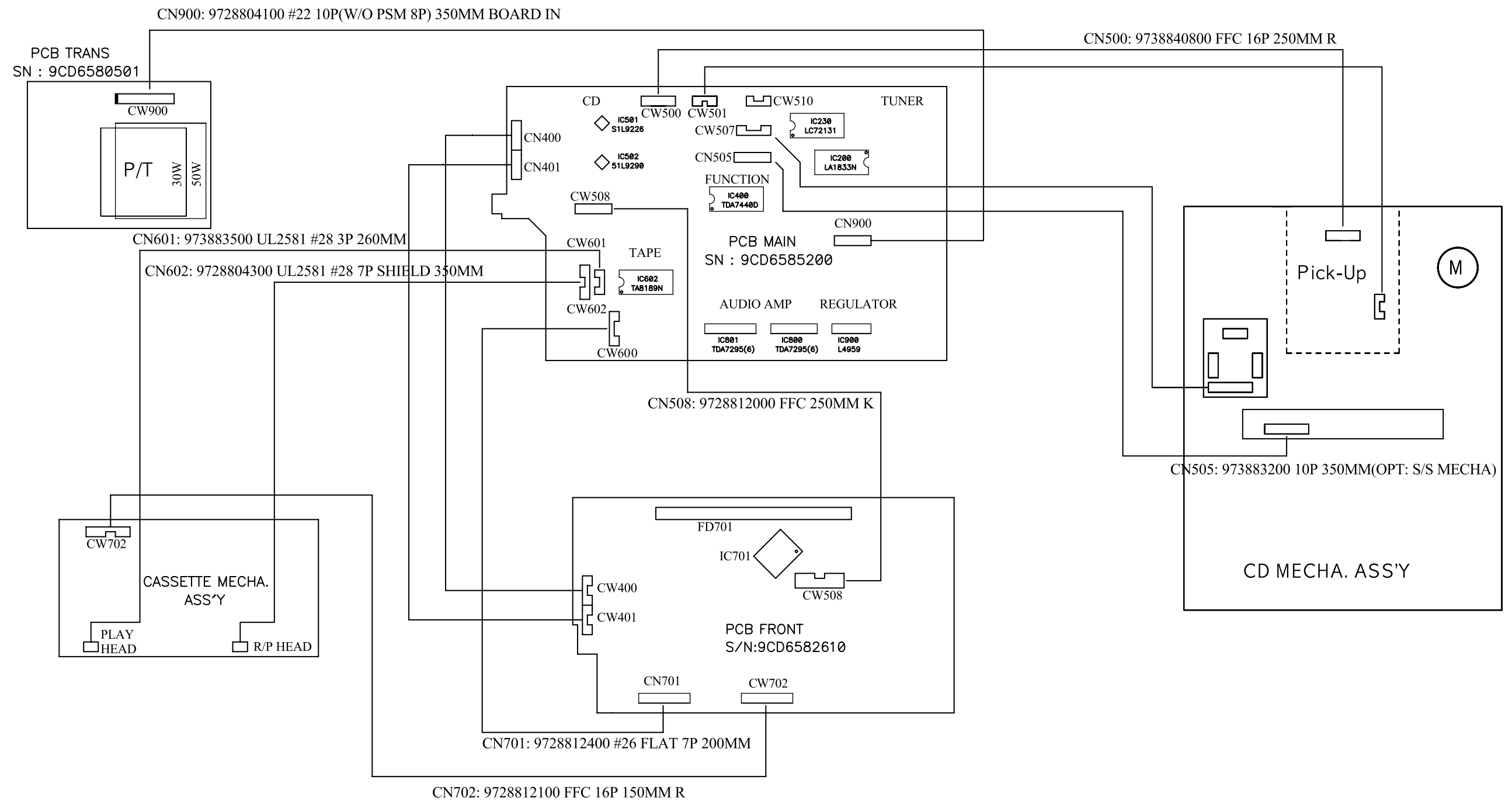
# Wiring Diagram

Model : XW-212/212R



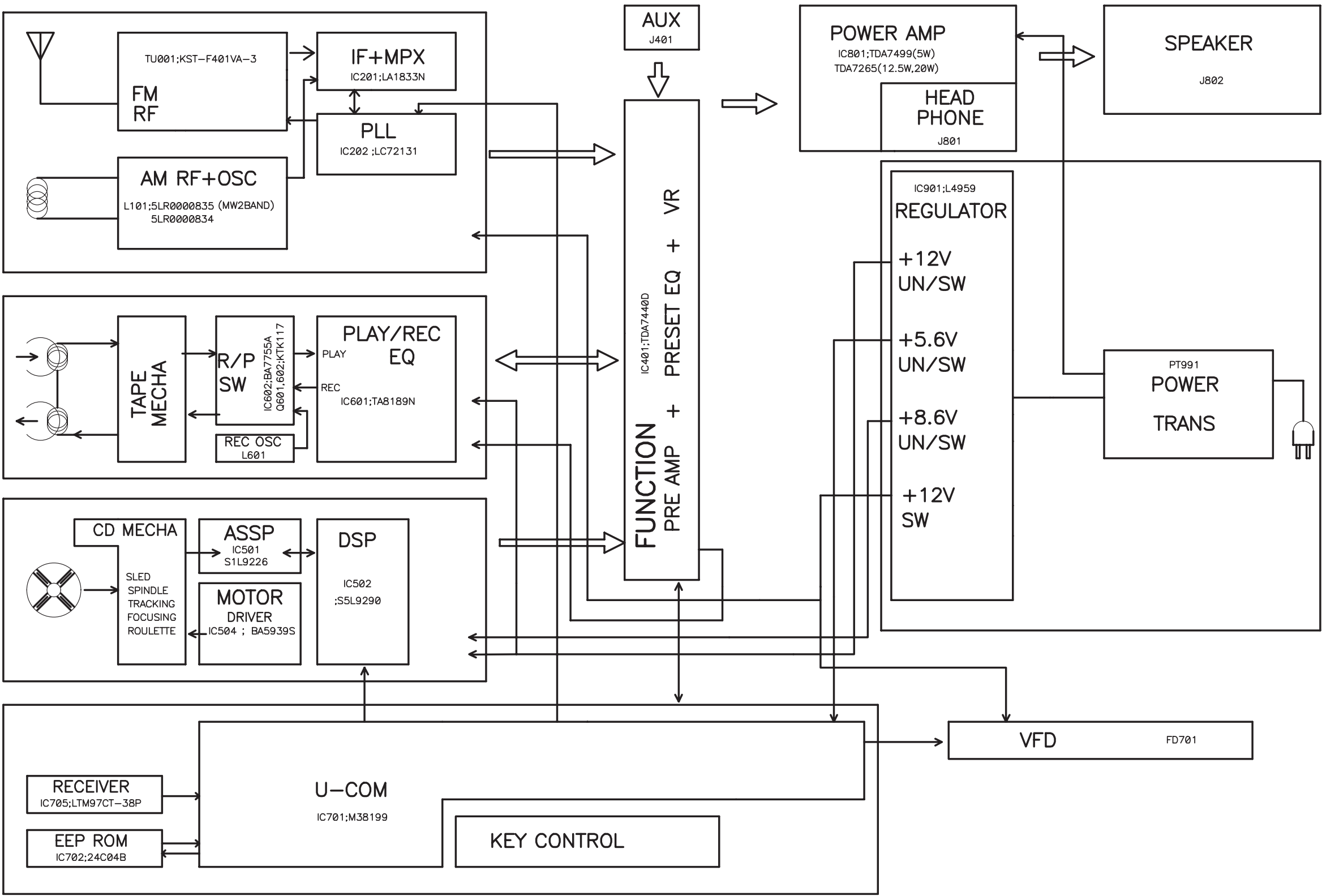
# Wiring Diagram

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



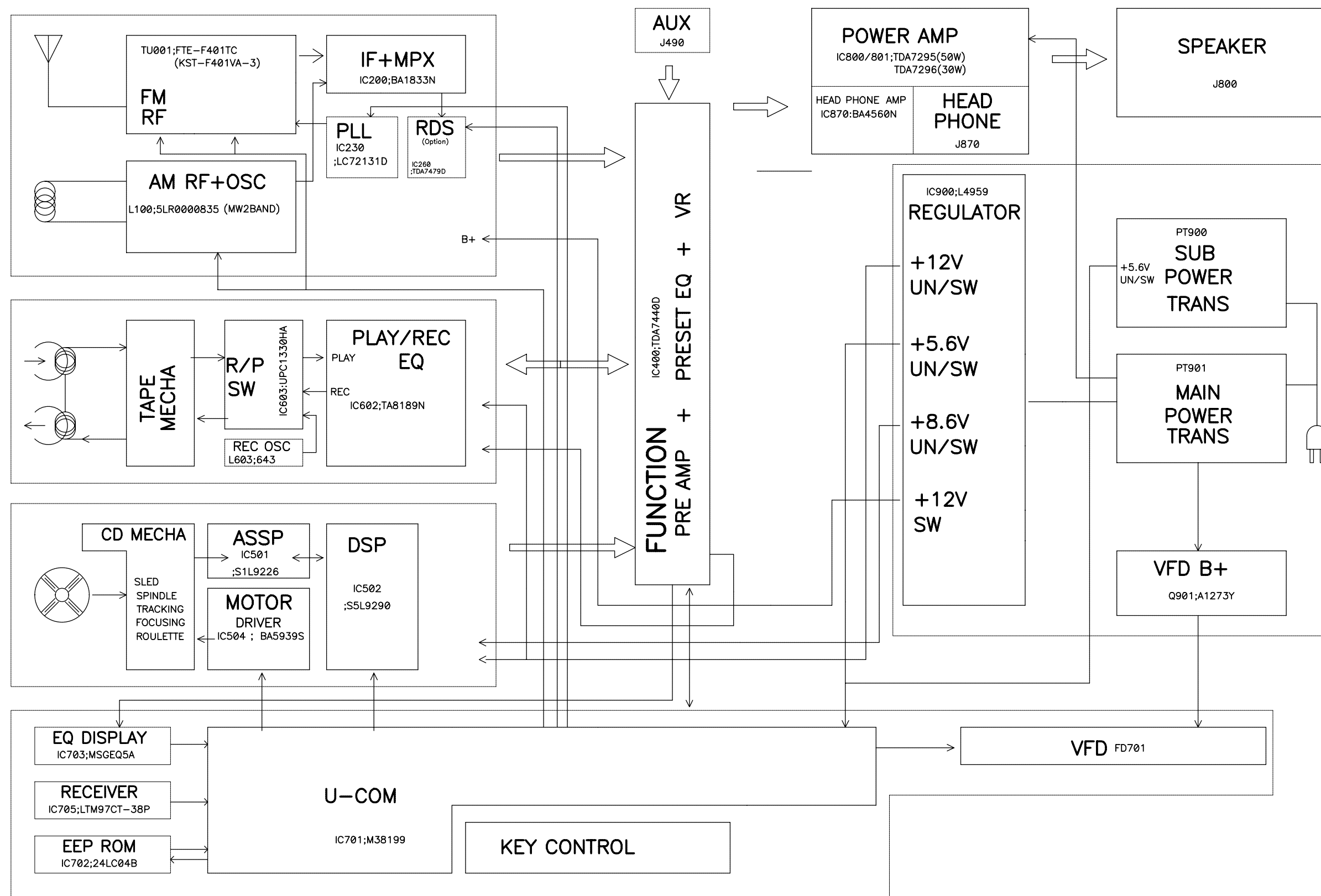
# Block Diagram

Model : XW-212/212R



# Block Diagram

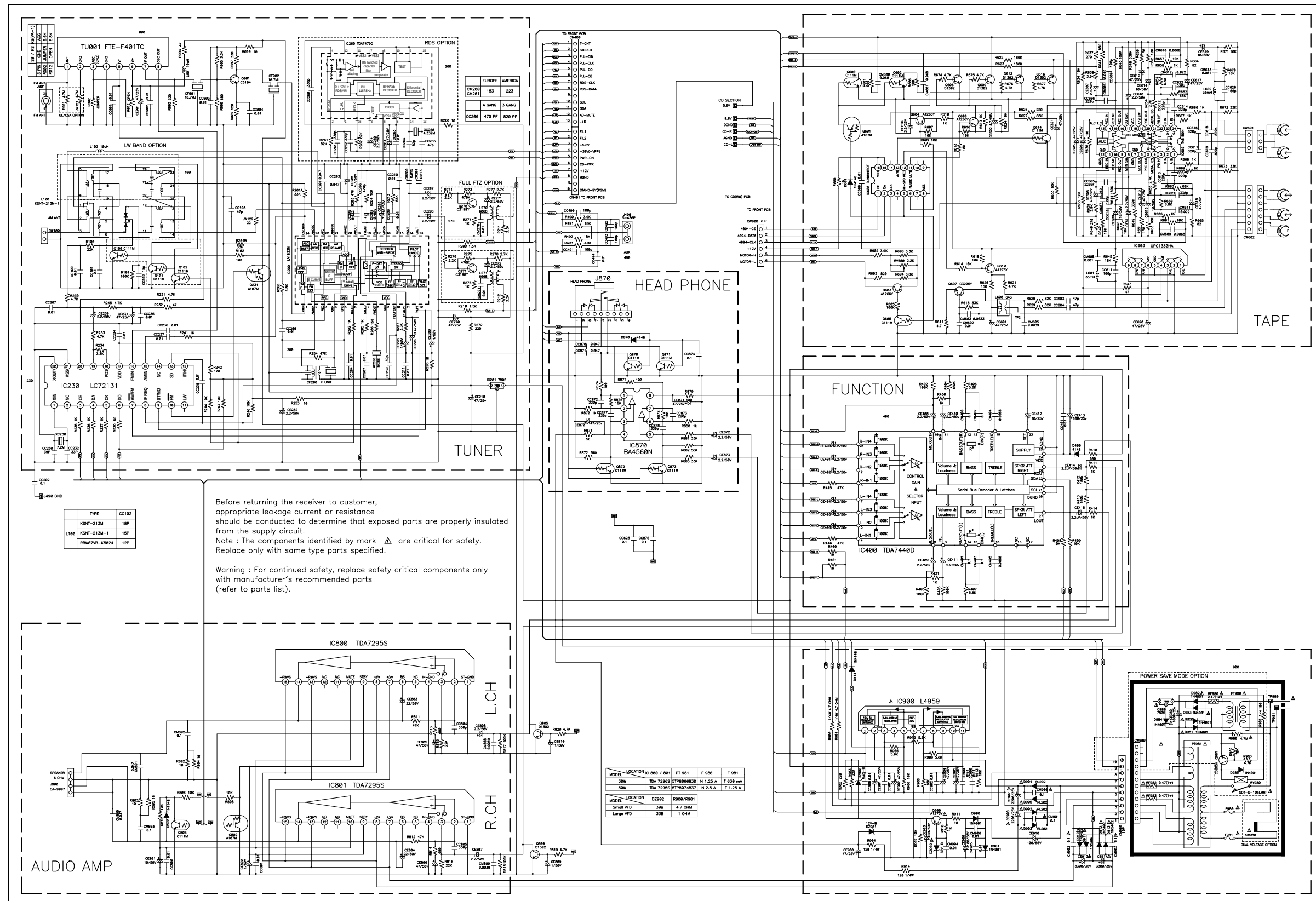
Model : XW-214/214R, 215/215R



# Schematic Diagram

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

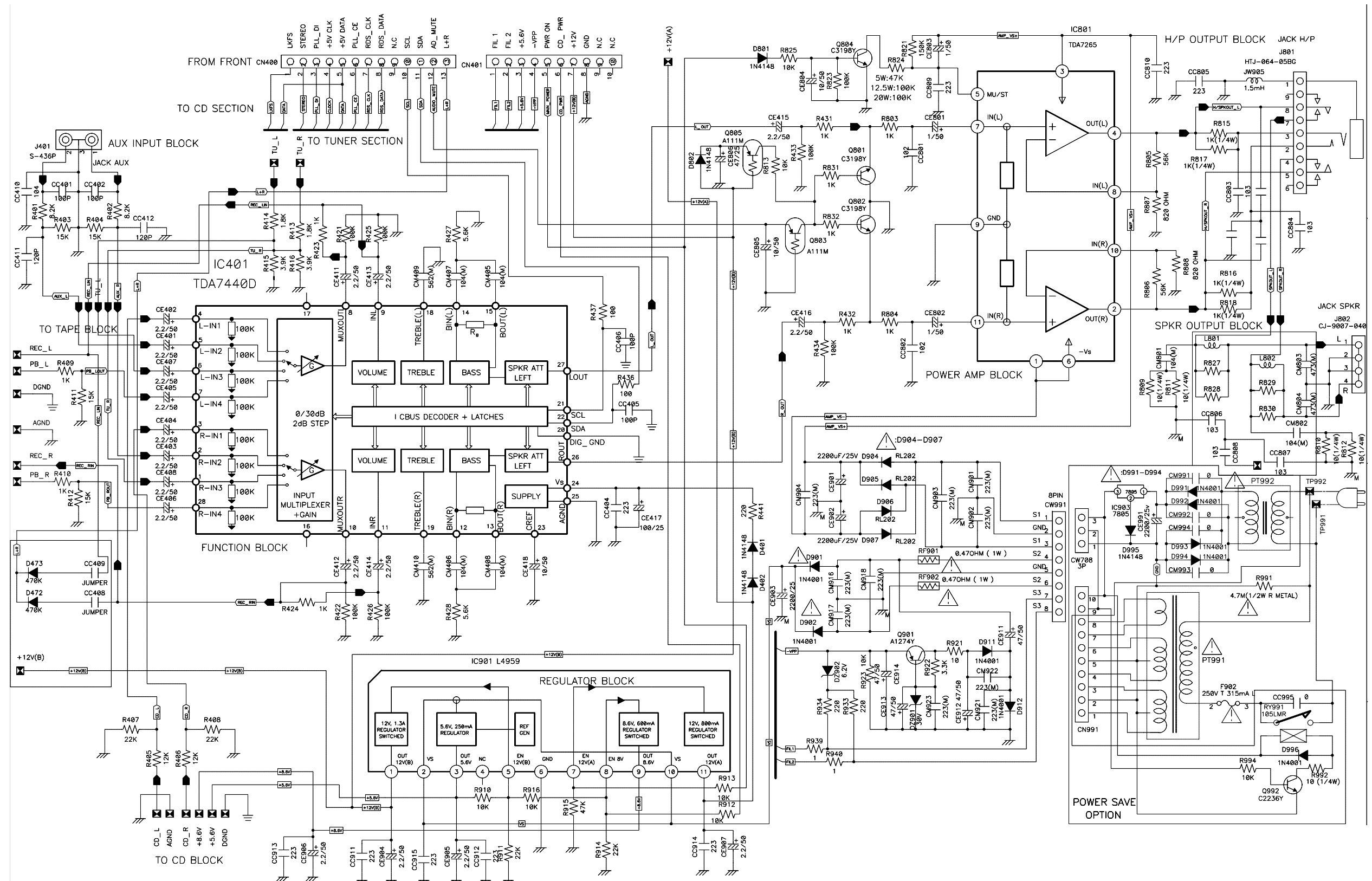
Ass'y Name : TUNER / TAPE / AMP / POWER



# Schematic Diagram

Model : XW-212/212R

Ass'y Name : AMP / POWER



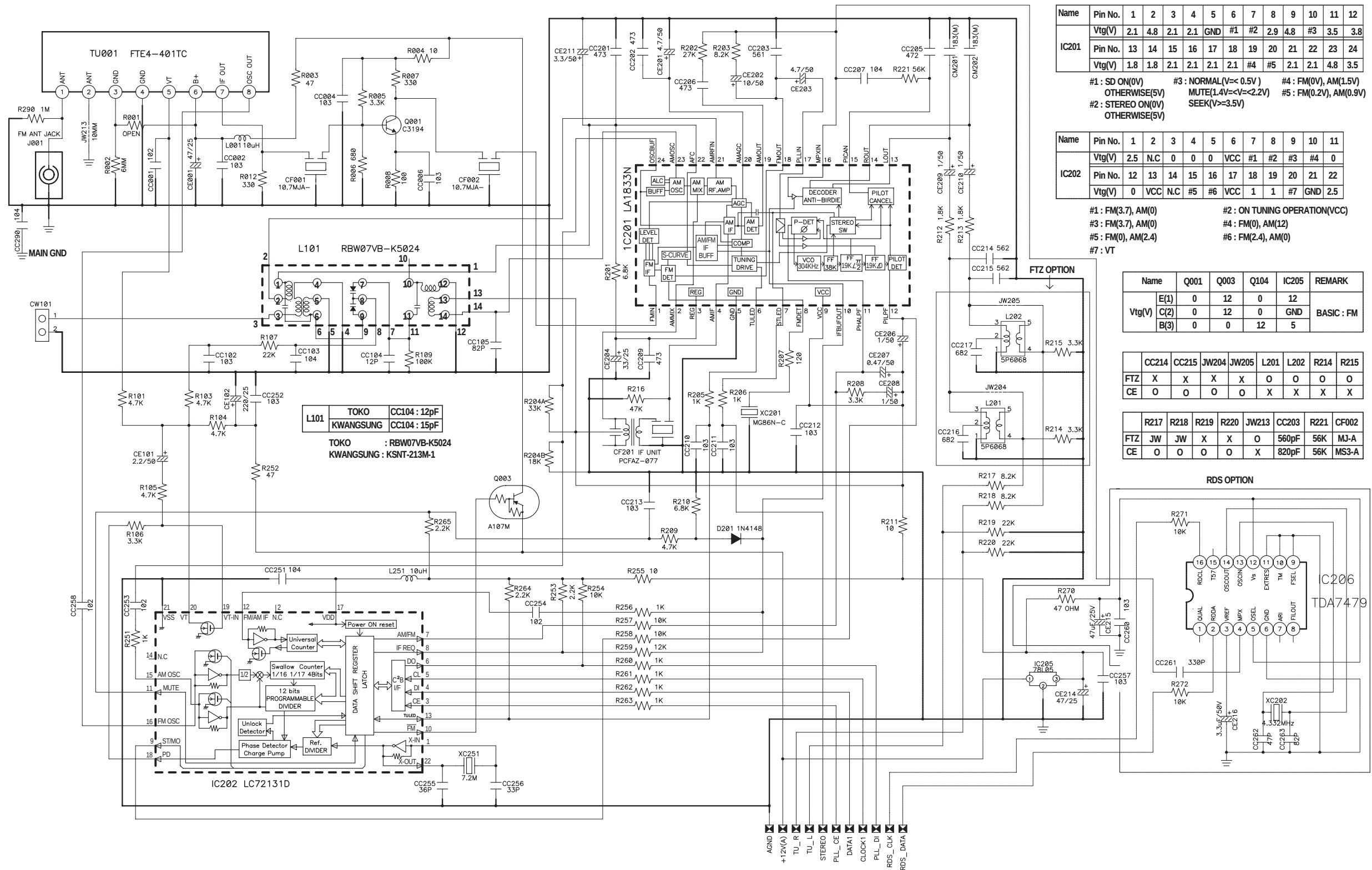
BEFORE RETURNING THE RECEIVER TO CUSTOMER, APPROPRIATE LEAKAGE CURRENT OR RESISTANCE SHOULD BE CONDUCTED TO DETERMINE THAT EXPOSED PARTS ARE PROPERLY INSULATED FROM THE SUPPLY CIRCUIT

NOTE : THE COMPONENTS IDENTIFIED BY MARK  ARE CRITICAL FOR SAFETY REPLACE ONLY WITH SAME TYPE PARTS SPECIFIED

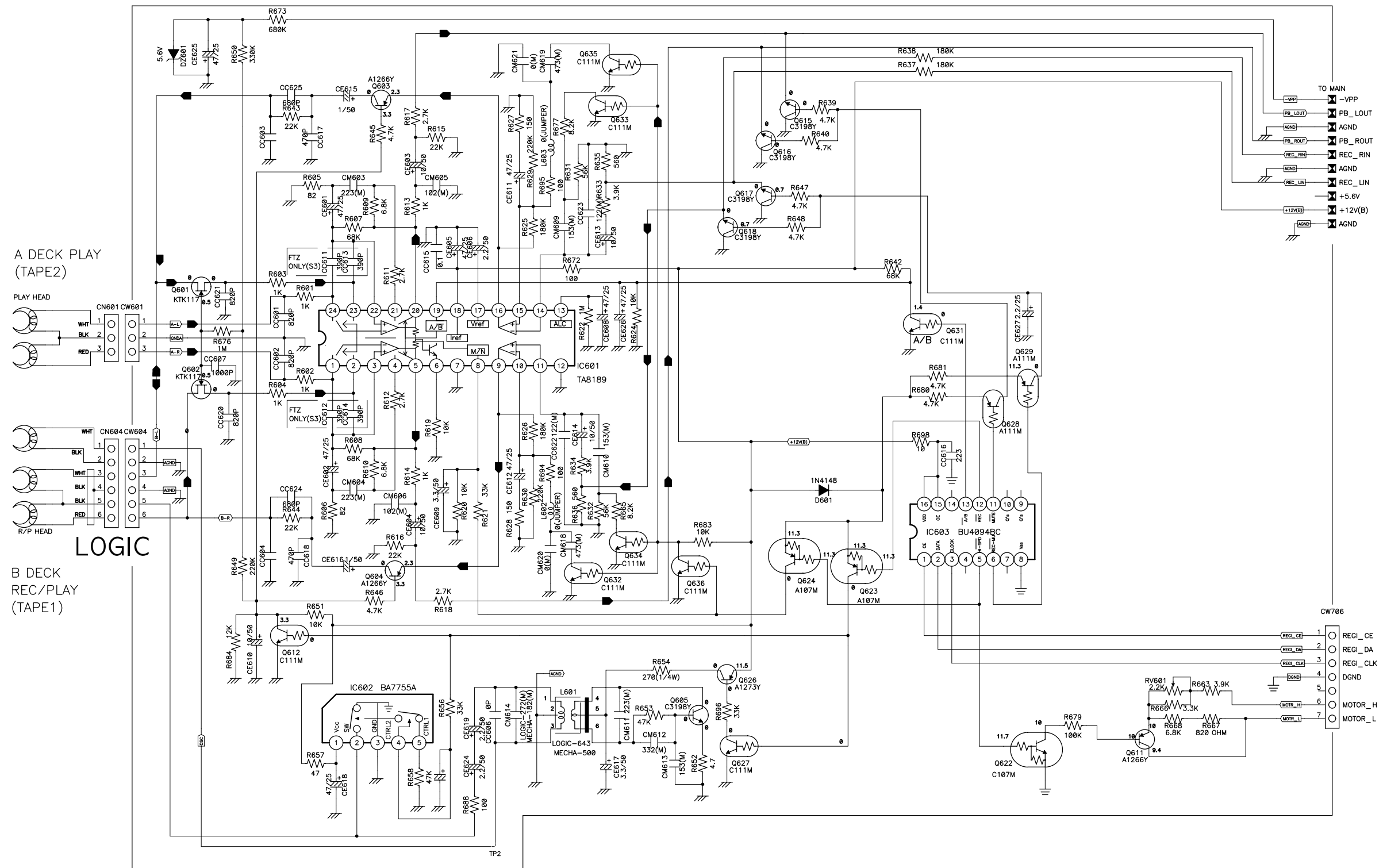
WARNING : FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURE'S RECOMMENDED PARTS

# Schematic Diagram

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



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



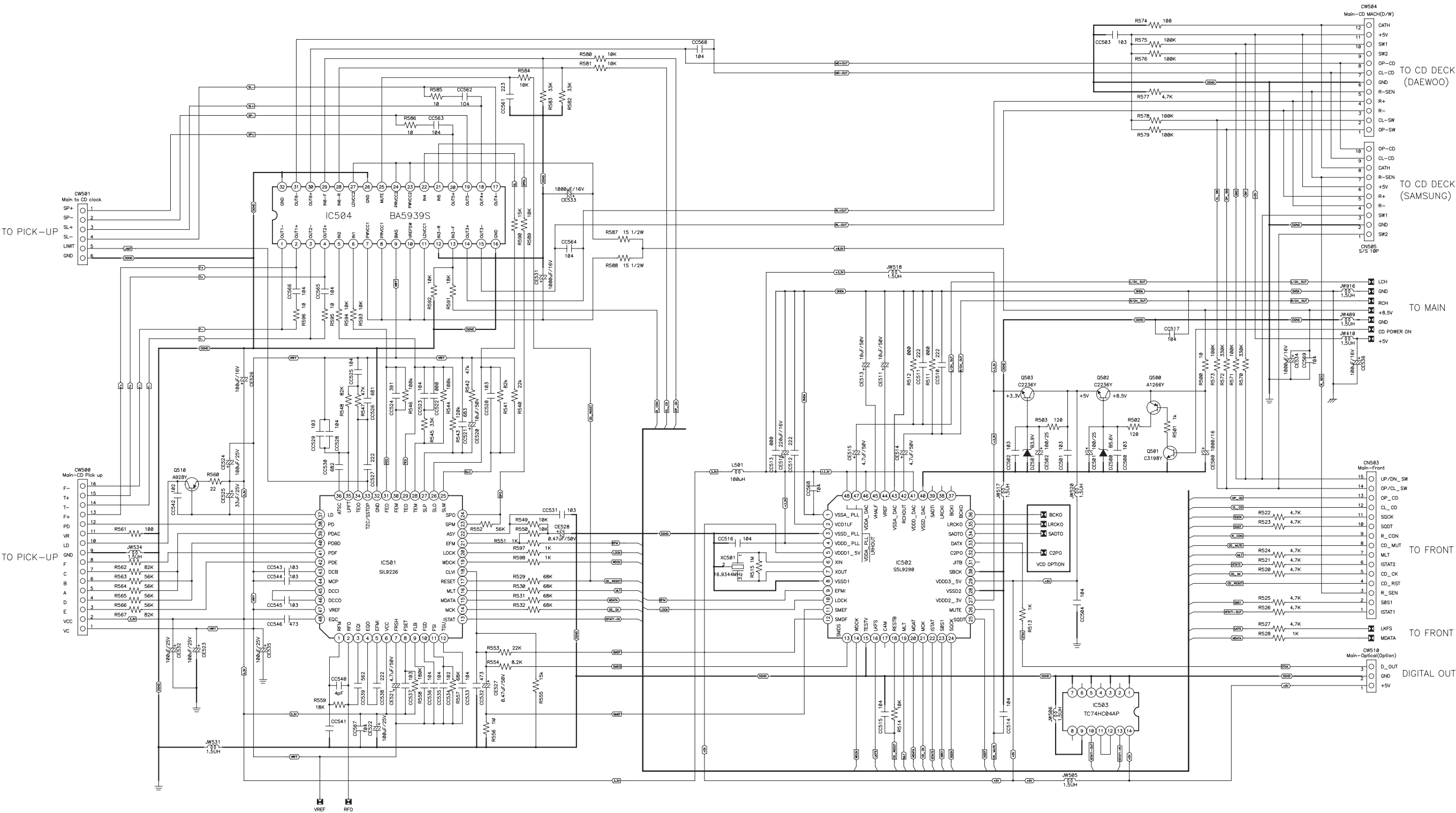
| Name  | Pin No     | 1  | 2 | 3   | 4 | 5 |
|-------|------------|----|---|-----|---|---|
| IC602 | Voltage(V) | 11 | 0 | GND | 0 | 8 |

| 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

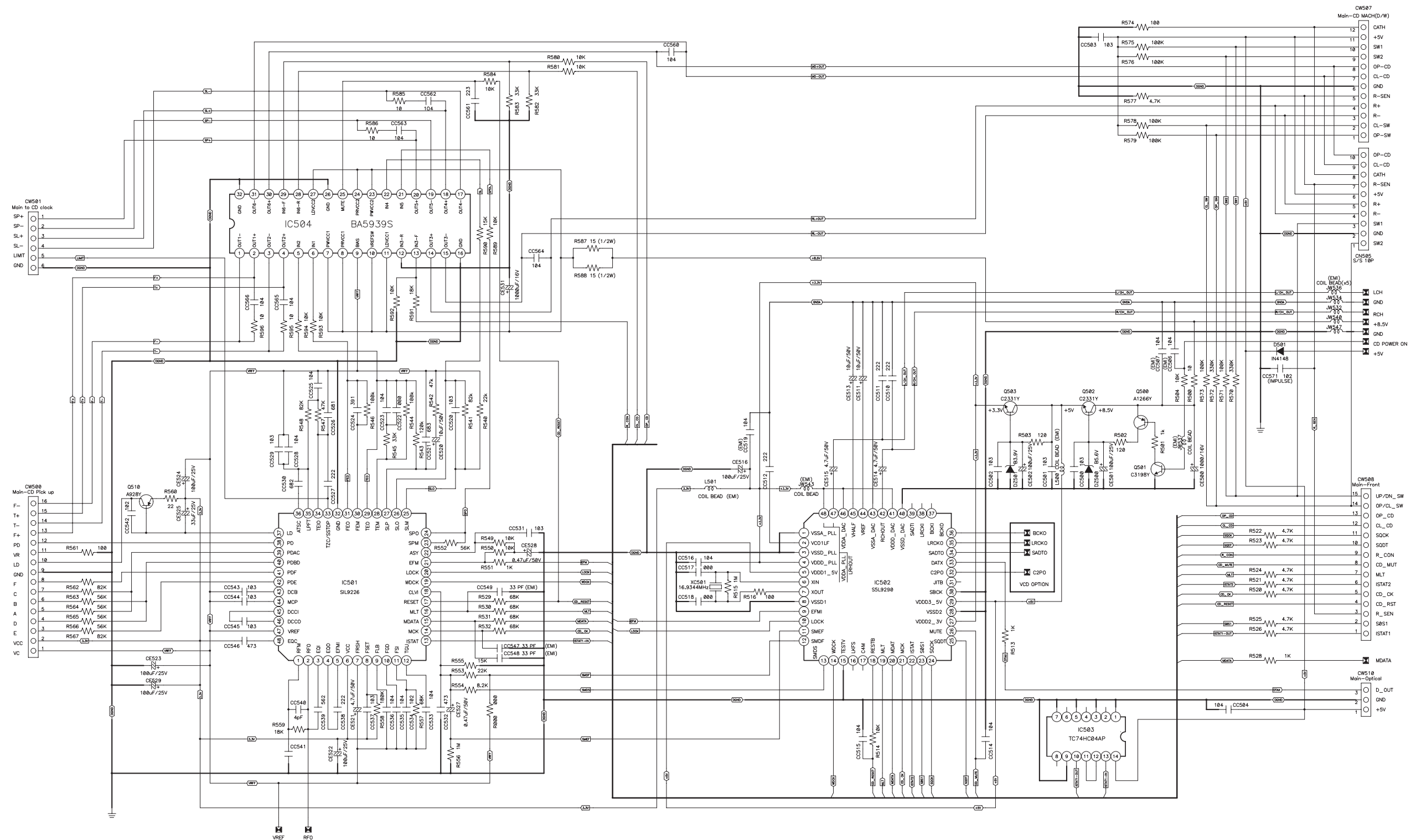
Model : XW-212/212R  
Ass'y Name : CD



# Schematic Diagram

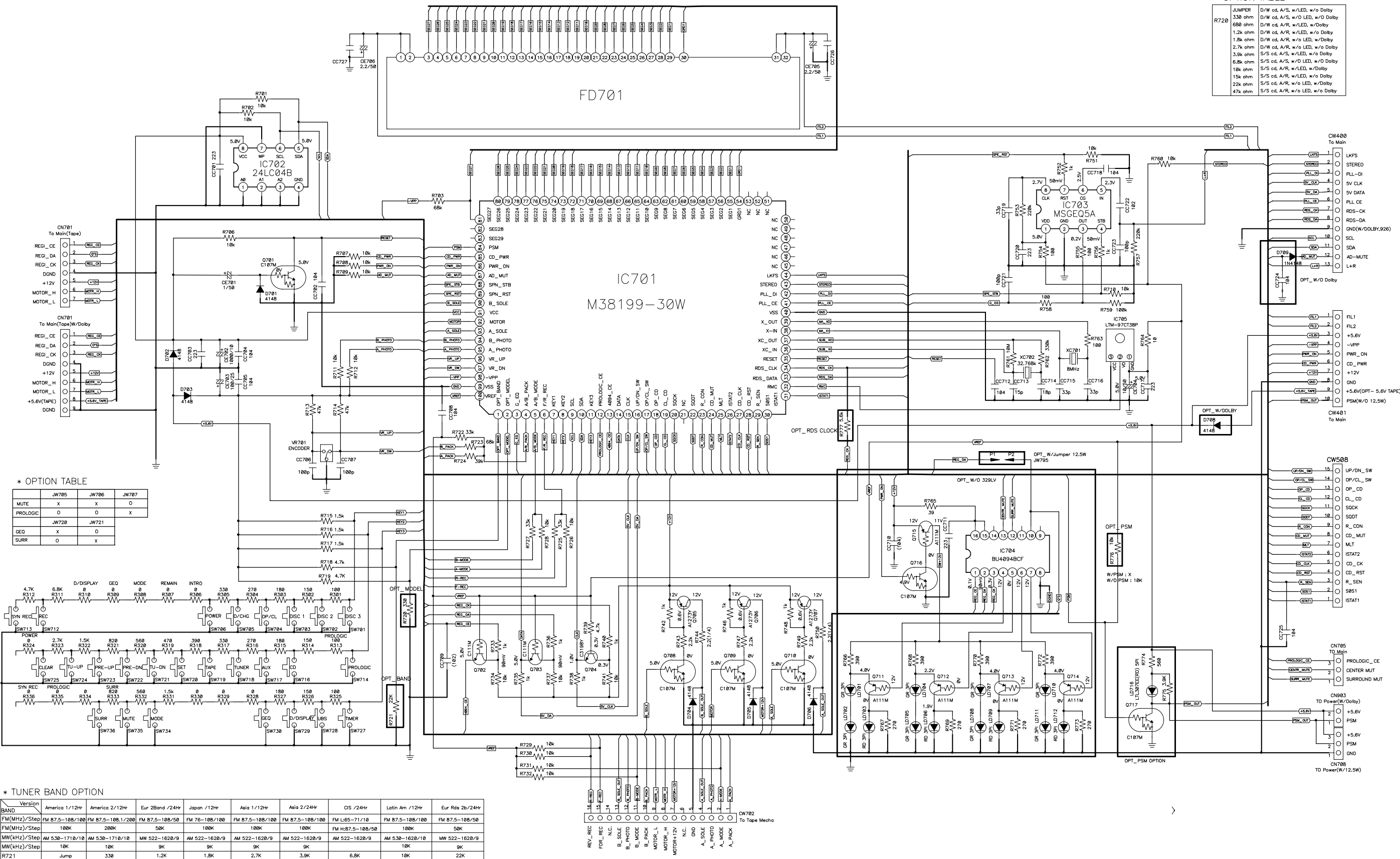
Model : XW-214/214R, 215/215R

Ass'y Name : CD



# Schematic Diagram

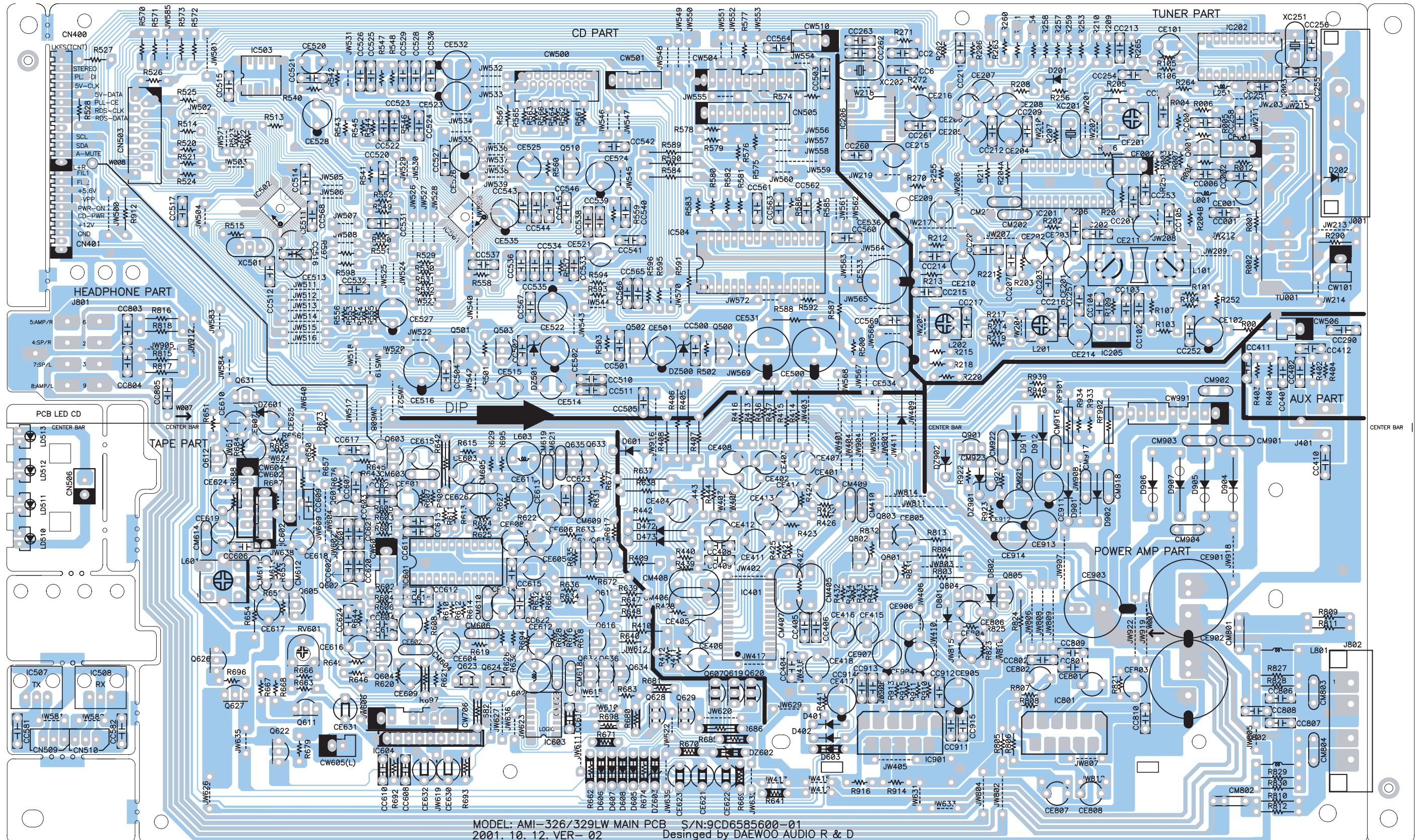
Model : XW-212/212R, XW-214/214R, 215/215R  
Ass'y Name : FRONT



# P.C.B Pattern Layout

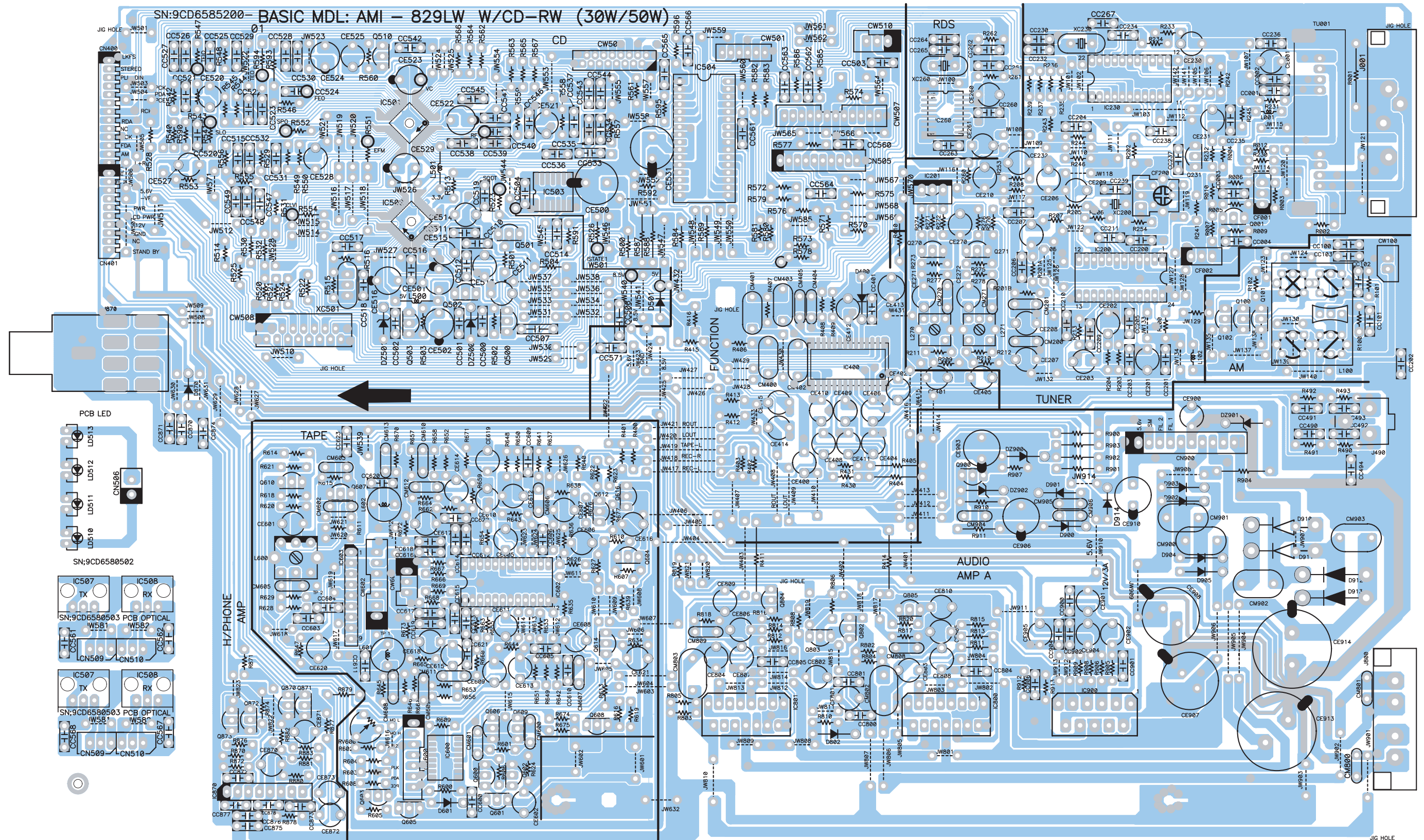
Model : XW-212/212R

Ass'y Name : MAIN PCB



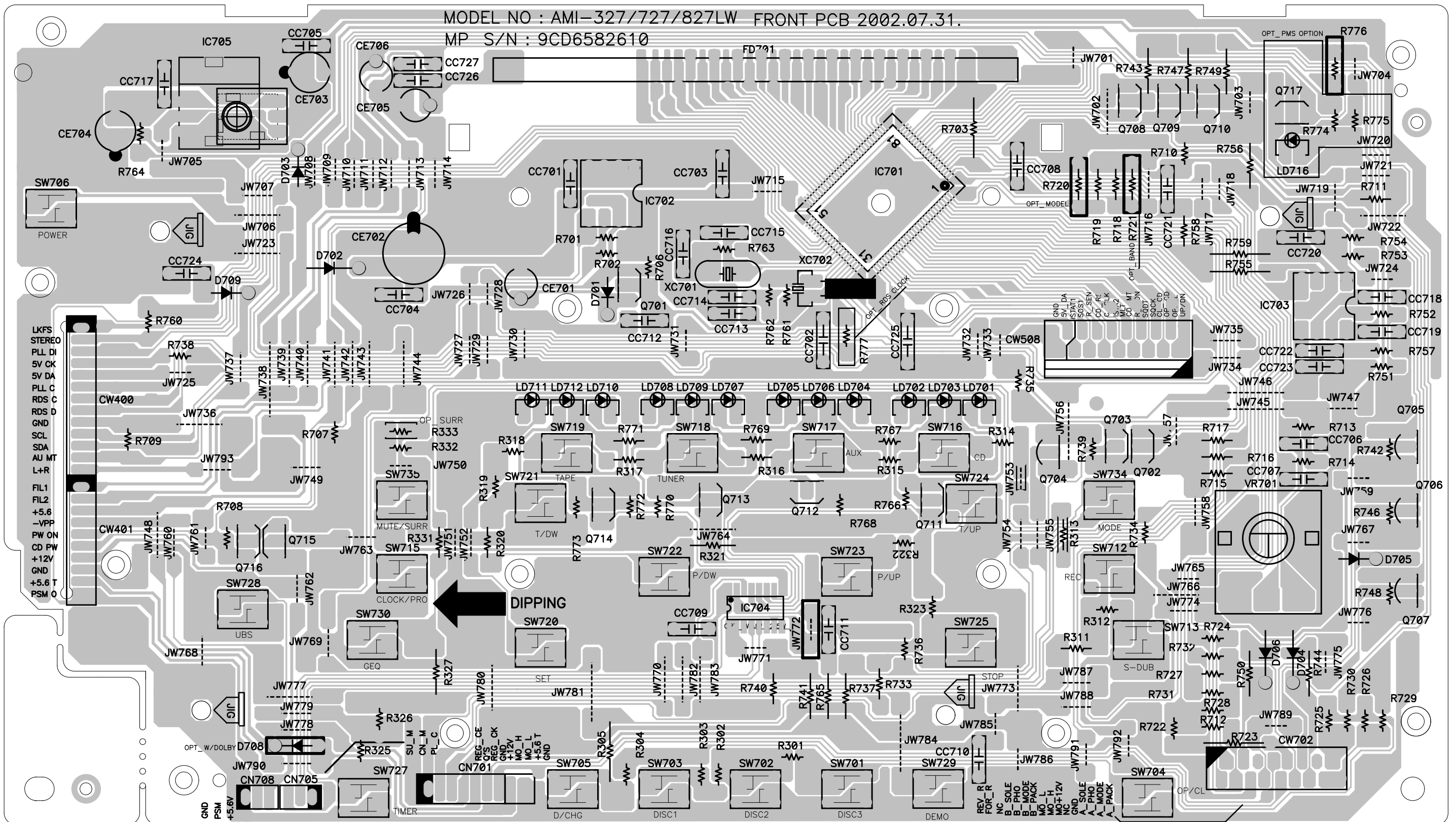
Model : XW-214/214R, 215/215R

Ass'y Name : MAIN PCB



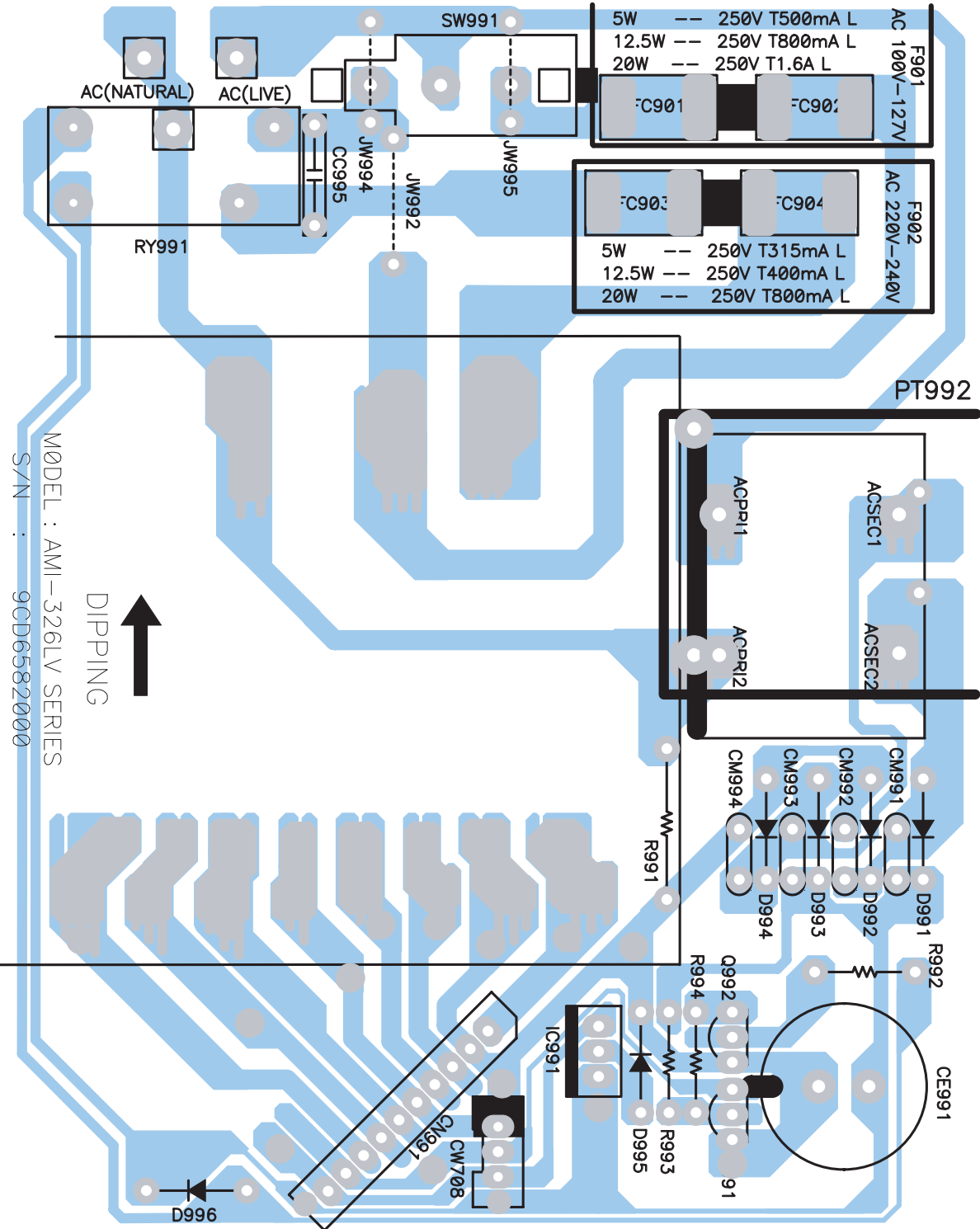
Model : XW-212/212R, XW-214/214R, 215/215R

Ass'y Name : FRONT PCB

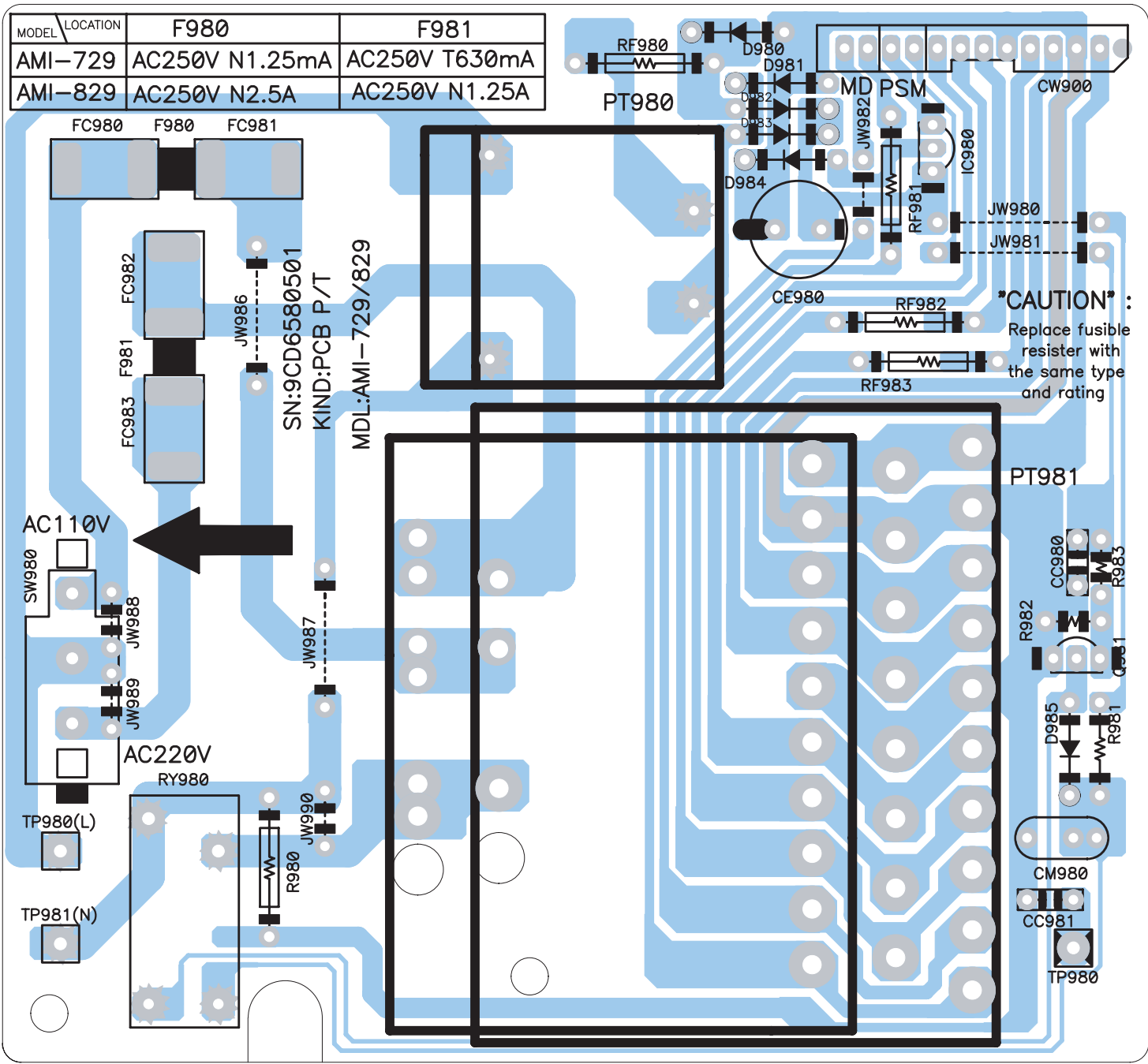


# P.C.B Pattern Layout

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     | CXFX1H109V  | 50V RSS 1MF (5X11) TP             |         | 238 | R CARBON FILM | R743      | RD-AZ222J- | 1/6 2.2K OHM J            |         |
| 29  | C ELECTRO     | CE702     | CXFX1A102V  | 10V RSS 1000MF (8X12.5) TP        |         | 239 | R CARBON FILM | R744      | RD-AZ229J- | 1/4 2.2 OHM J             |         |
| 30  | C ELECTRO     | CE703     | CXFX1E101V  | 25V RSS 100MF (6.3X11) TP         |         | 240 | R CARBON FILM | R746      | RD-AZ102J- | 1/6 1K OHM J              |         |
| 31  | C ELECTRO     | CE704     | CXFX1H100V  | 50V RSS 10MF (5X11) TP            |         | 241 | R CARBON FILM | R747      | RD-AZ222J- | 1/6 2.2K OHM J            |         |
| 32  | C ELECTRO     | CE705~706 | CXFX1H229V  | 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      | TZTC3198Y-  | 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     | DZNA148--  | 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- | KTC2236Y-(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-AZ390J- | 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      | 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   | CEYF1V22V  | 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/AM/MW | FM/AM   | FM/MW   |
| NO | HOUR | 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        |