

# DAEWOO

## Service Manual

Model : RL-211W  
RL-212W



DAEWOO ELECTRONICS CO., LTD.

## MINI COMPONENT SYSTEM

**RL-211W**

**RL-212W**

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# 1. 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

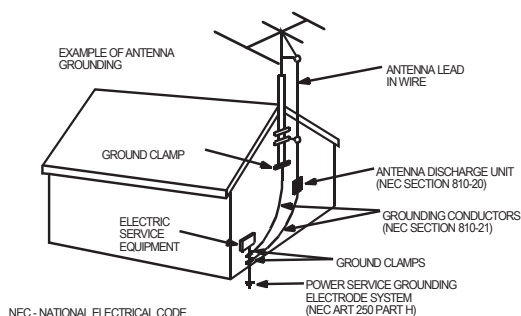


Figure 2

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.

# 1. 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.

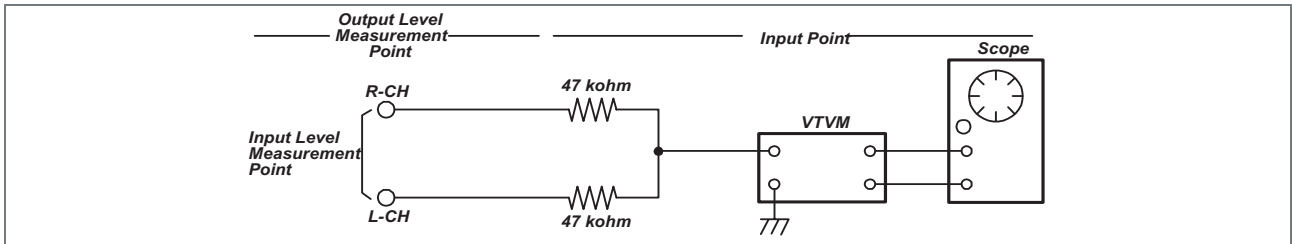
16. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

- 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.

## 2. Adjustments

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

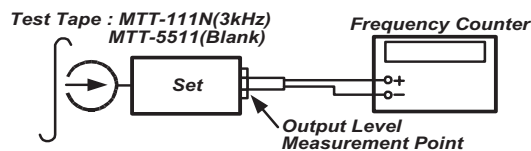


FIG. 1 : Tape Speed & Record Bias Oscillator Frequency Adjust Circuit

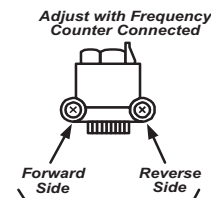


FIG. 2 : Tape Azimuth Adjust Location (Record/Playback Head)

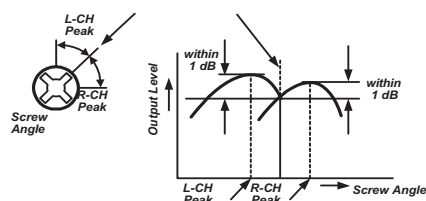


FIG. 3 : Tape Azimuth Adjust Head Screw & Waveform

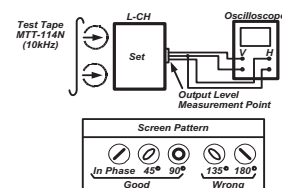
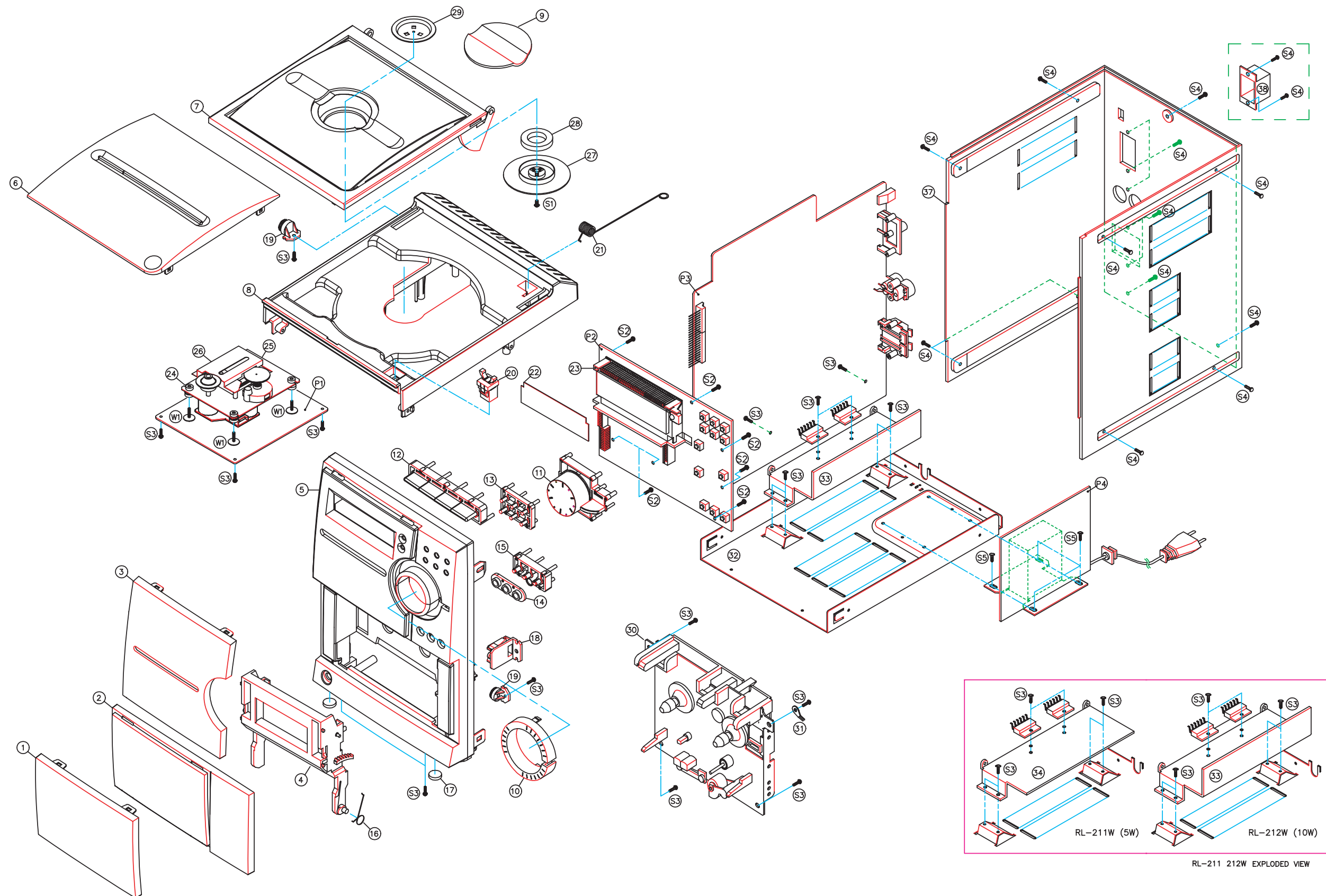


FIG. 4 : Tape Azimuth Adjust Circuit & Waveform

# Exploded View and Mechanical Parts List

Model : RL-211W / RL-212W

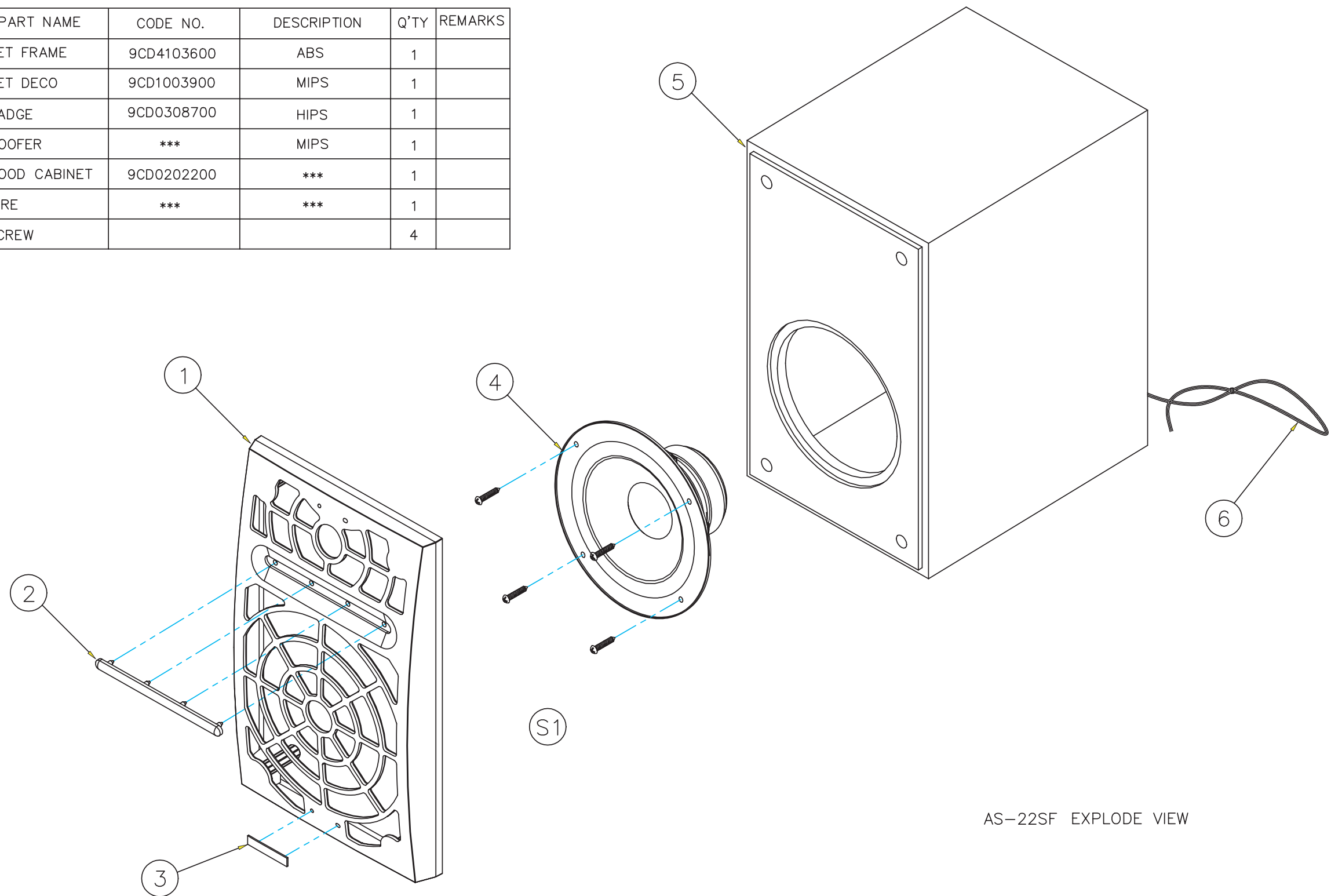


## Exploded View and Mechanical Parts List

Model : RL-211W / RL-212W

Ass'y Name : SPEAKER

| NO. | PART NAME    | CODE NO.   | DESCRIPTION | Q'TY | REMARKS |
|-----|--------------|------------|-------------|------|---------|
| 1   | NET FRAME    | 9CD4103600 | ABS         | 1    |         |
| 2   | NET DECO     | 9CD1003900 | MIPS        | 1    |         |
| 3   | BADGE        | 9CD0308700 | HIPS        | 1    |         |
| 4   | WOOFER       | ***        | MIPS        | 1    |         |
| 5   | WOOD CABINET | 9CD0202200 | ***         | 1    |         |
| 6   | WIRE         | ***        | ***         | 1    |         |
| S1  | SCREW        |            |             | 4    |         |



AS-22SF EXPLODE VIEW

Exploded View and Mechanical Parts List

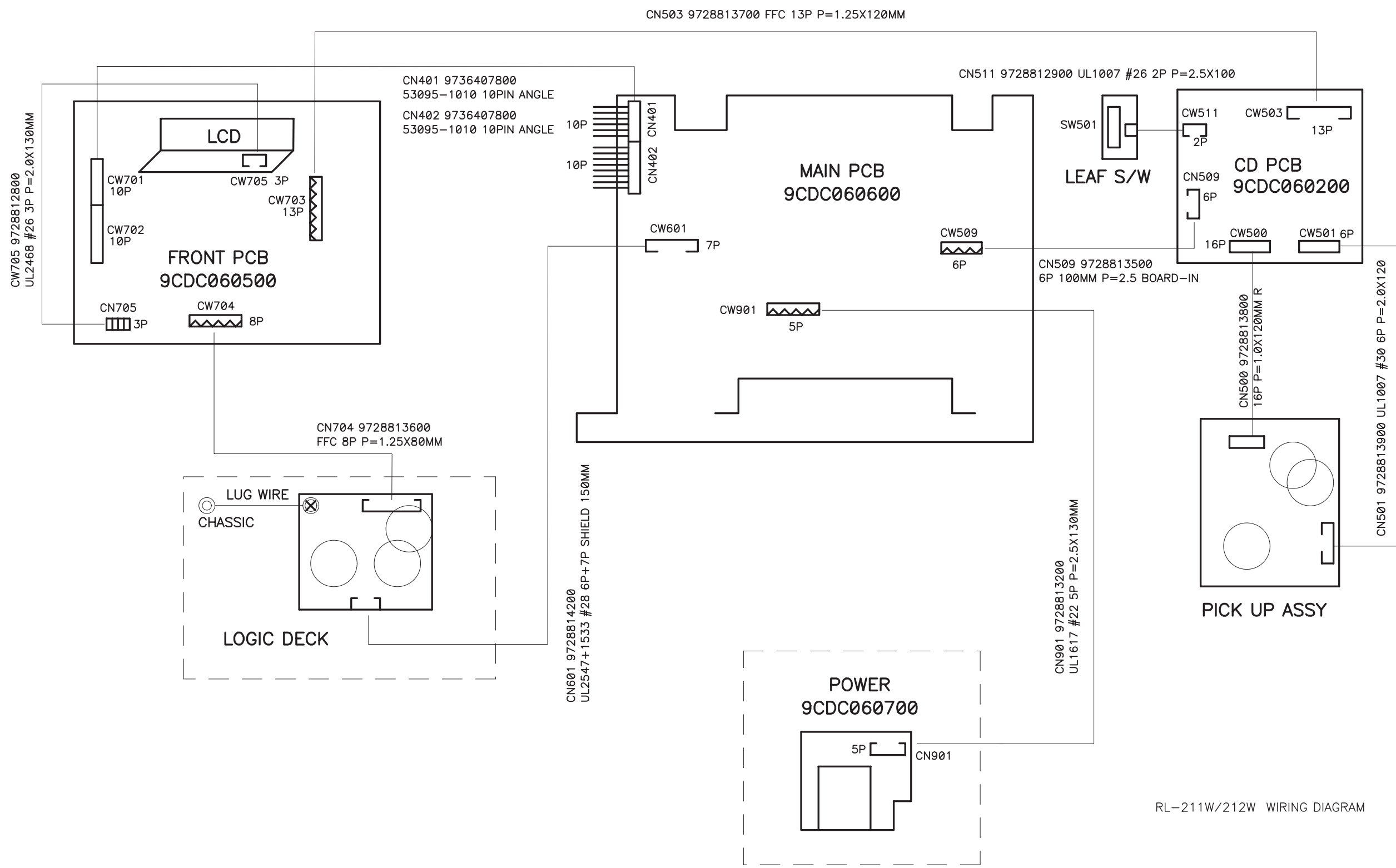
Model : RL-211W / RL-212W

| NO | PARTS NAME        | CODE NO.   | DESCRIPTIONS   | Q'TY | REMARKS |
|----|-------------------|------------|----------------|------|---------|
| 1  | WINDOW CASS       | 9CD1618800 | ACRYL          | 1    |         |
| 2  | DOOR COVER        | 9CD1813000 | HIPS           | 1    |         |
| 3  | WINDOW LCD        | 9CD1619000 | ACRYL          | 1    |         |
| 4  | DOOR FRAME        | 9CD0607600 | MIPS           | 1    |         |
| 5  | PANEL FRONT       | 9CD0309600 | HIPS           | 1    |         |
| 6  | WINDOW CD         | 9CD1618900 | ACRYL          | 1    |         |
| 7  | DOOR CD           | 9CD1813100 | HIPS           | 1    |         |
| 8  | CABI TOP          | 9CD0127100 | HIPS           | 1    |         |
| 9  | COVER CD DOOR     | 9CD0413300 | HIPS           | 1    |         |
| 10 | DECO VOL          | 9CD1003800 | ACRYL          | 1    |         |
| 11 | KNOB VOL          | 9CD1346500 | ABS            | 1    |         |
| 12 | KNOB CD           | 9CD1346400 | ABS            | 1    |         |
| 13 | KNOB EQ           | 9CD1346600 | ABS            | 1    |         |
| 14 | DECO FUNCTION     | 9CD1003700 | ACRYL          | 1    |         |
| 15 | KNOB FUNCTION     | 9CD1346700 | ABS            | 1    |         |
| 16 | SPRING DOOR EJECT | 9CD3004500 | PW-1           | 1    |         |
| 17 | CUSHION FOOT      | 9CD4207700 | SILICON RUBBER | 2    |         |
| 18 | LOCKER ASSY       | 9CD0B02100 | ACETAL         | 1    |         |
| 19 | DAPMPER ASSY      | 9CD2603400 | DA-12A         | 2    |         |
| 20 | PUSH LOCK SWITCH  | 5S40101A01 | R8120125       | 1    |         |
| 21 | SPRING CD         | 9CD3008900 | PW-1           | 1    |         |
| 22 | PLATE LCD         | 9CD0912400 | PC T=0.15      | 1    |         |
| 23 | GUIDE LCD         | 9CD2507100 | ABS            | 1    |         |
| 24 | CUSHION CD        | 97L4202301 | RUBBER         | 4    |         |
| 25 | CD MECHANISM      | 9CD6007600 | CMS-D73VG6     | 1    |         |
| 26 | COVER PICK UP     | 9CD0410800 | PC             | 1    | OPTION  |
| 27 | CHUCK PLATE C     | 9CD2A00300 | ABS            | 1    |         |

| NO | PARTS NAME          | CODE NO.   | DESCRIPTIONS          | Q'TY | REMARKS       |
|----|---------------------|------------|-----------------------|------|---------------|
| 28 | MAGNET              | 97L5400200 | FERRITE               | 1    |               |
| 29 | CHUCK PLATE D       | 9CD2A00400 | SECC                  | 1    |               |
| 30 | CASS DECK MECHANISM | 9CD6010500 |                       | 1    | AUTO STOP     |
| 31 | EGG LUG             |            |                       | 1    |               |
| 32 | CHASSIS BOTTOM      | 9CD0607700 | SECC                  | 1    |               |
| 33 | HEATSINK M1         | 9CD4406700 | AL                    | 1    | RL-211W (5W)  |
| 34 | HEATSINK M2         | 9CD4406800 | AL                    | 1    | RL-212W (10W) |
| 35 | BACK CABI           | 9CD0127200 | HIPS                  | 1    |               |
| 36 | COVER ANT           | 9CD0413400 | SECC                  | 1    | FTZ           |
|    |                     |            |                       |      |               |
|    |                     |            |                       |      |               |
| NO | PARTS NAME          | CODE NO.   | DESCRIPTIONS          | Q'TY | REMARKS       |
| S1 | SCREW TAPTTITE      | 7271200411 | TT2BIN 2.0 X 4 MFZN   | 1    |               |
| S2 | SCREW TAPTTITE      | 7173261011 | TT2 BIN 2.6 X 10 MFZN | 7    |               |
| S3 | SCREW TAPTTITE      | 7173301011 | TT2 BIN 3.0 X 10 MFZN | 15   |               |
| S4 | SCREW TAPTTITE      | 7173301212 | TT2 BIN 3.0 X 12 BK   | 18   |               |
| S5 | SCREW TAPTTITE      | 7173301612 | TT2 BIN 4.0 X 6 MFZN  | 4    |               |
| W1 | SCREW TAPTTITE      | 9CD3103600 | TT2 WAS 2.6 X8MFZN    | 4    |               |
|    |                     |            |                       |      |               |
|    |                     |            |                       |      |               |
| NO | PARTS NAME          | CODE NO.   | DESCRIPTIONS          | Q'TY | REMARKS       |
| P1 | PCB CD              | 9CD6585000 |                       | 1    |               |
| P2 | PCB FRONT           | 9CD6586000 |                       | 1    |               |
| P3 | PCB MAIN            | 9CD6586100 |                       | 1    |               |
| P4 | PCB POWER           | 9CD6586300 |                       | 1    |               |
|    |                     |            |                       |      |               |
|    |                     |            |                       |      |               |
|    |                     |            |                       |      |               |

# Wiring Diagram

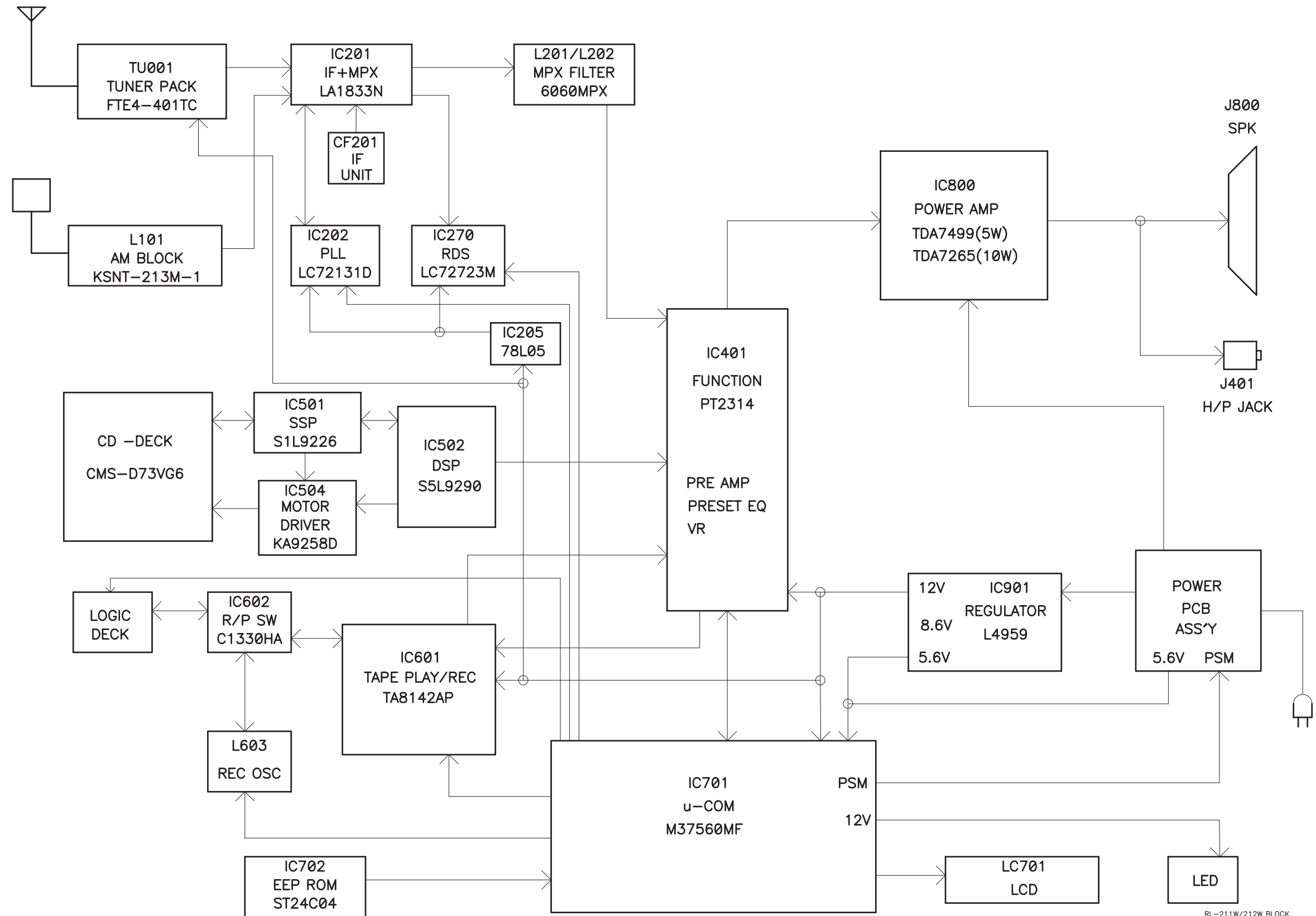
Model : RL-211W / RL-212W



RL-211W/212W WIRING DIAGRAM

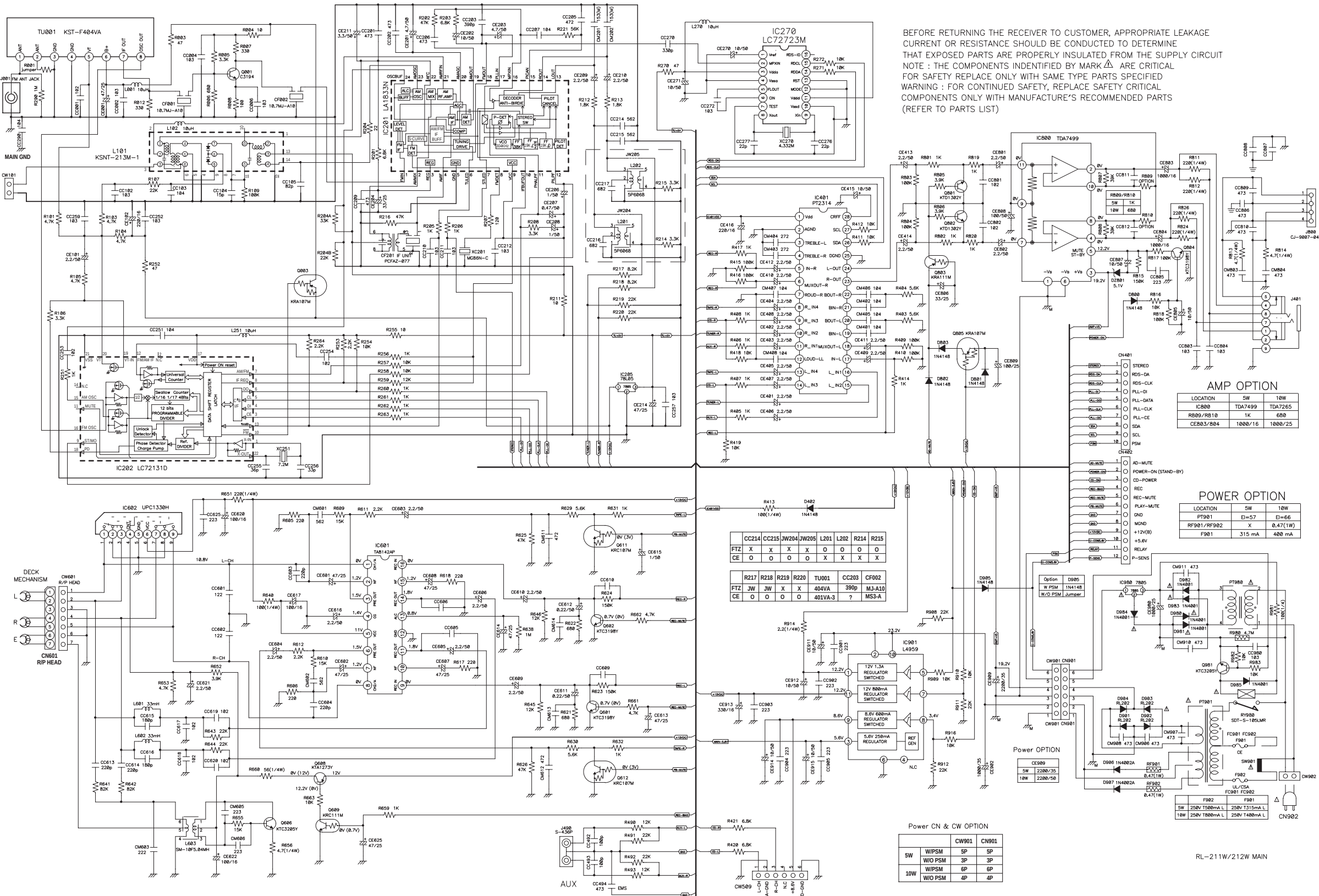
# Block Diagram

Model : RL-211W / RL-212W



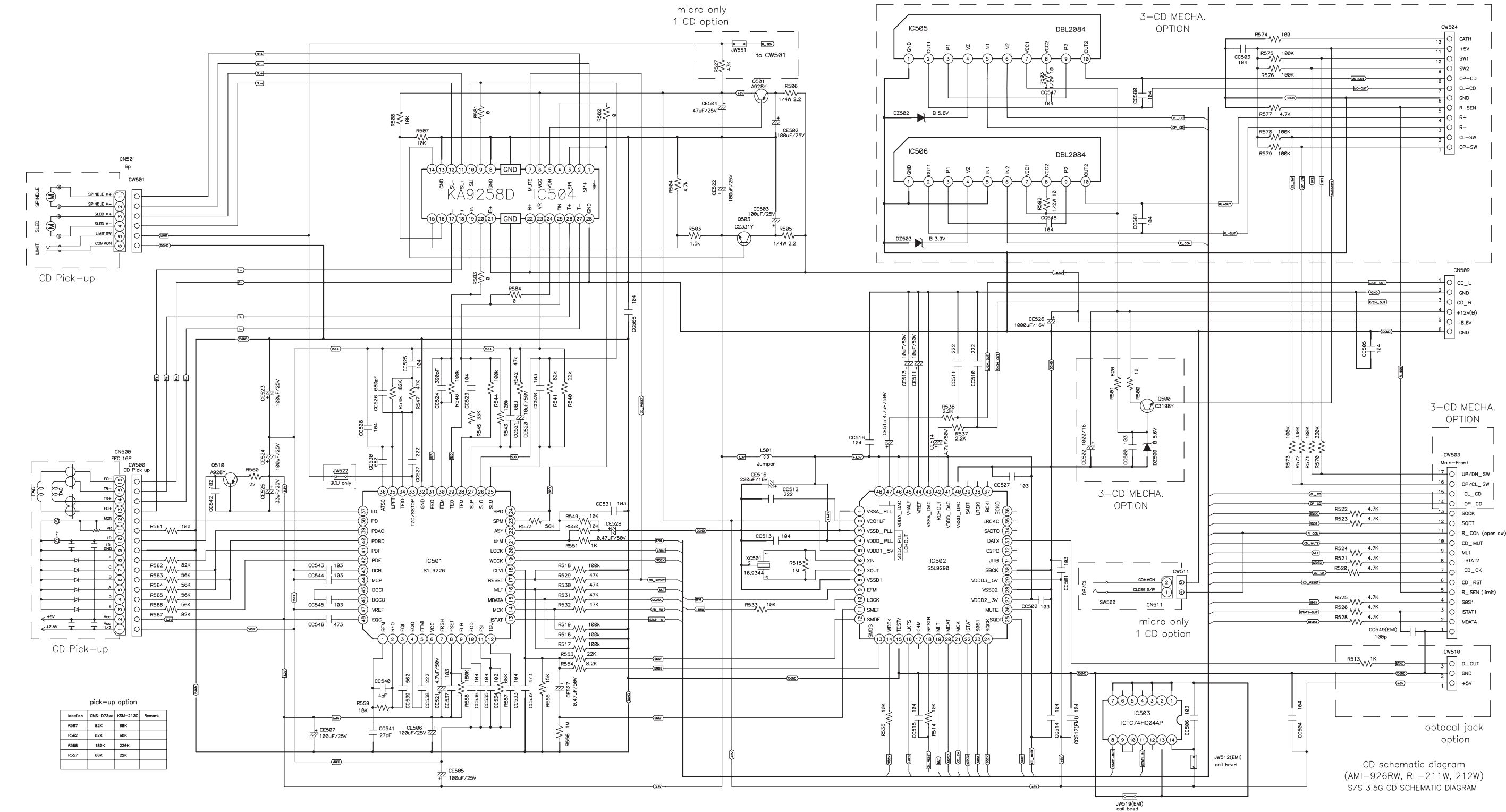
# Schematic Diagram

Model : RL-211W / RL-212W  
Ass'y Name : MAIN



# Schematic Diagram

Model : RL-211W / RL-212W  
 Ass'y Name : CD



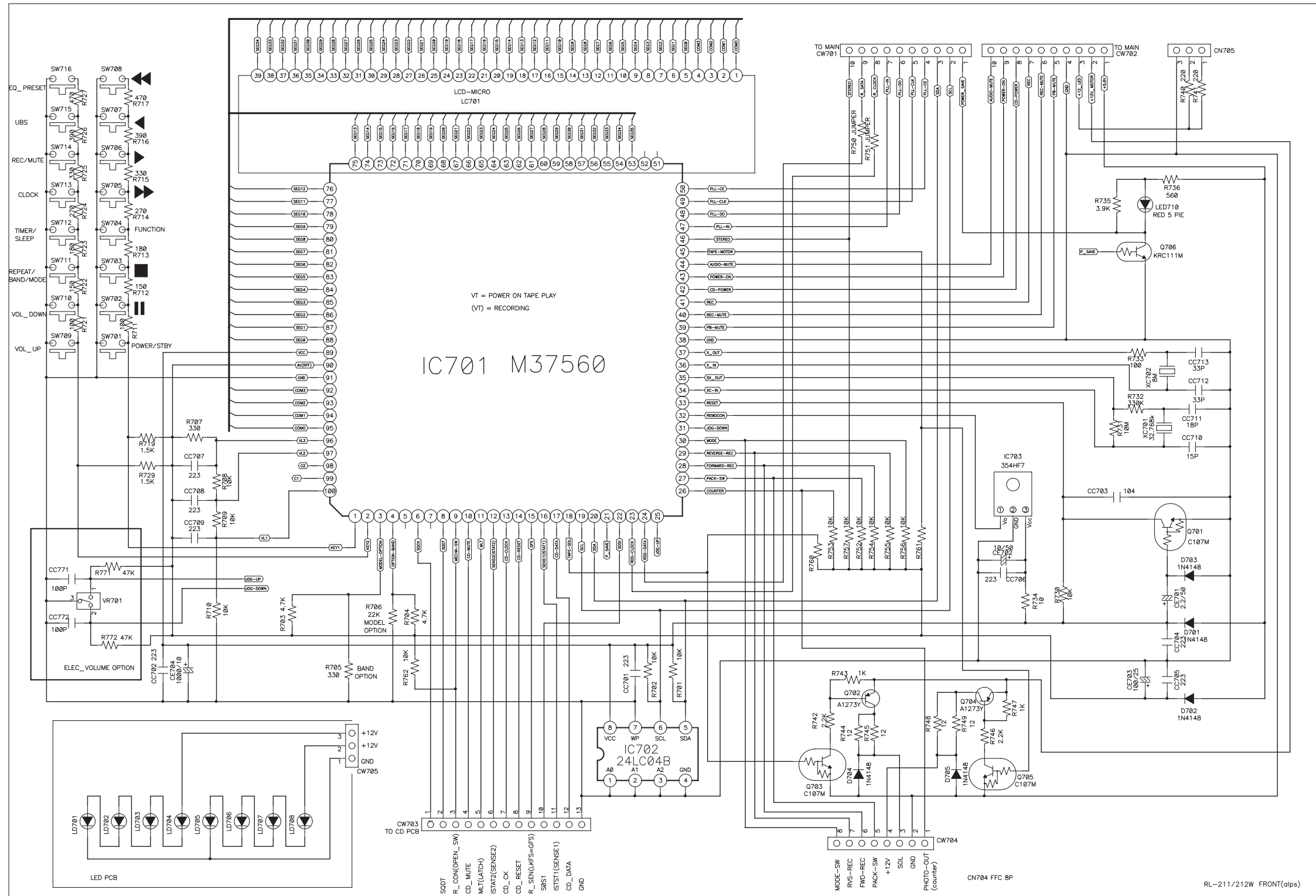
## Schematic Diagram

Model : RL-211W / RL-212W

Ass'y Name : FRONT

|              |           |           |            |          |            |           |            |          |            |
|--------------|-----------|-----------|------------|----------|------------|-----------|------------|----------|------------|
| MODEL OPTION | R705      | Ø         | 330        | 680      | 1.2K       | 1.8K      | 2.7K       | 3.9K     | 6.8K       |
|              | Cass Deck | Auto Stop | Auto Stop  | Auto Rev | Auto Rev   | Auto Stop | Auto Stop  | Auto Rev | Auto Rev   |
|              | PSM       | Stand-by  | Power Save | Stand-by | Power Save | Stand-by  | Power Save | Stand-by | Power Save |
|              | Pick-up   | Samsung   | Samsung    | Samsung  | Samsung    | Sony      | Sony       | Sony     | Sony       |

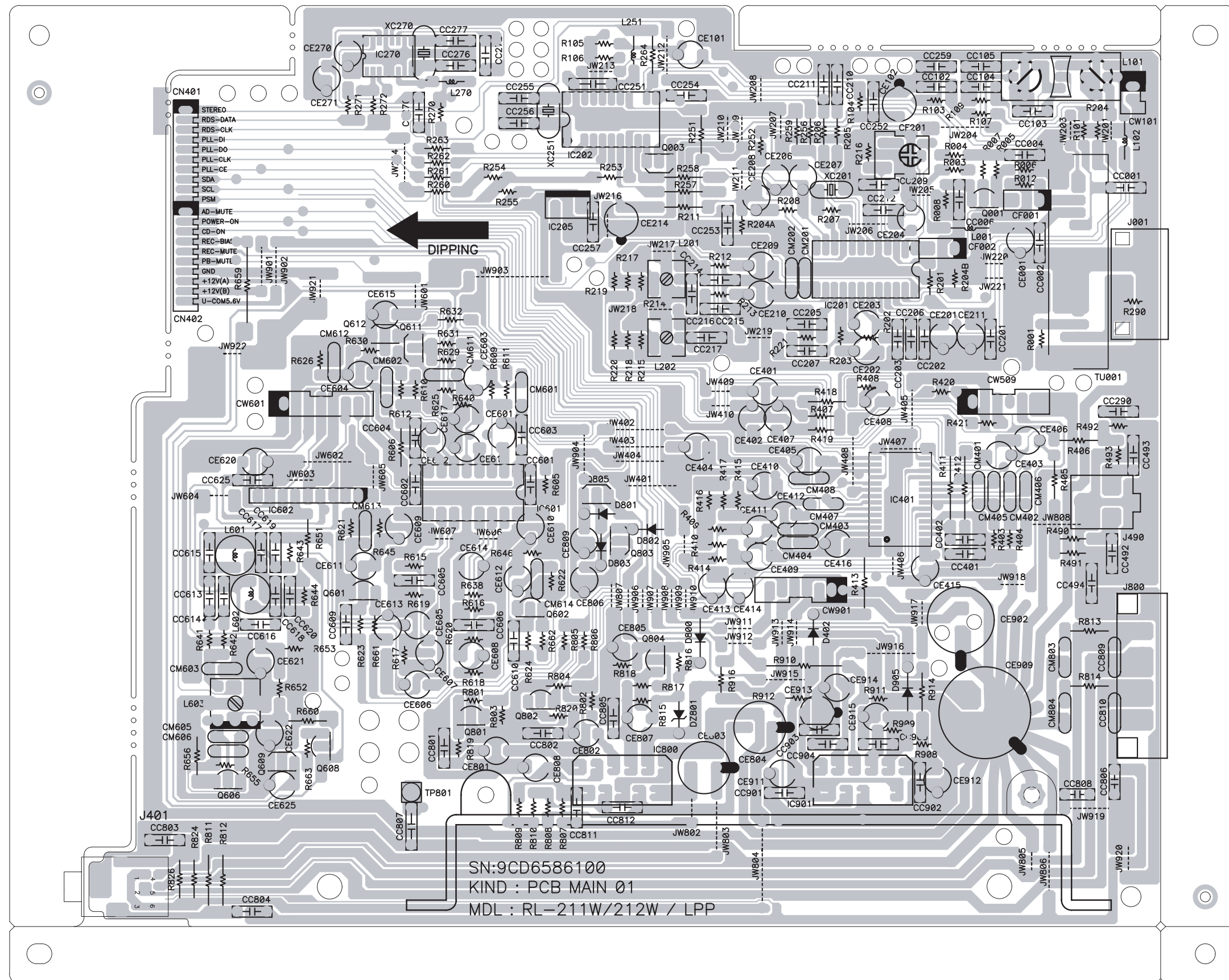
| BAND OPTION |     |     |      |       |       |       |      |      |      |
|-------------|-----|-----|------|-------|-------|-------|------|------|------|
| BAND        | AM1 | AM2 | E/2B | JAPAN | A1/12 | A2/24 | S/AM | E1-1 | E2-2 |
| R706        | JW  | 330 | 1.2K | 1.8K  | 2.7K  | 3.9K  | 10K  | 15K  | 22K  |



# P.C.B Pattern Layout

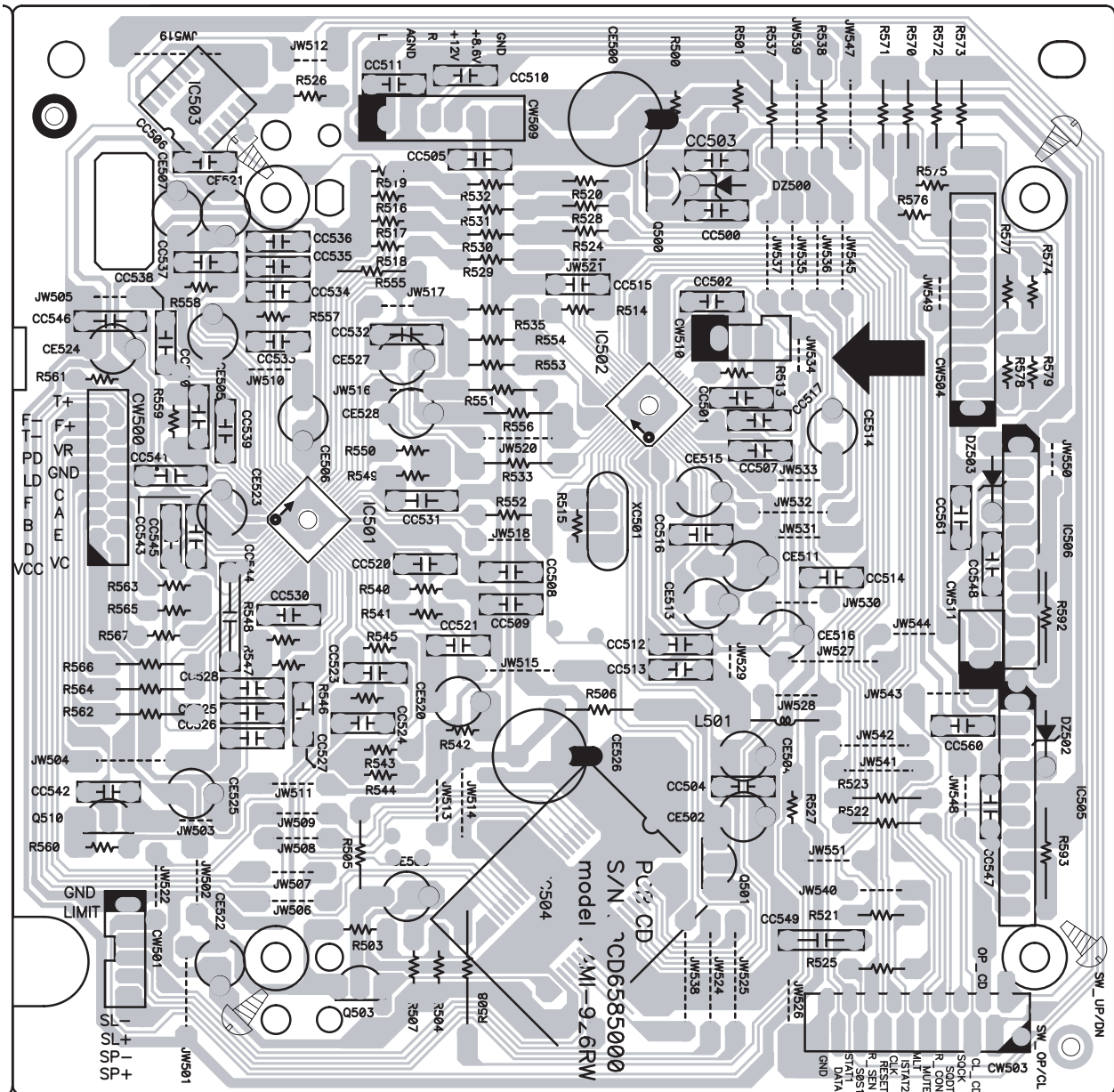
Model : RL-211W / RL-212W

Ass'y Name : MAIN PCB

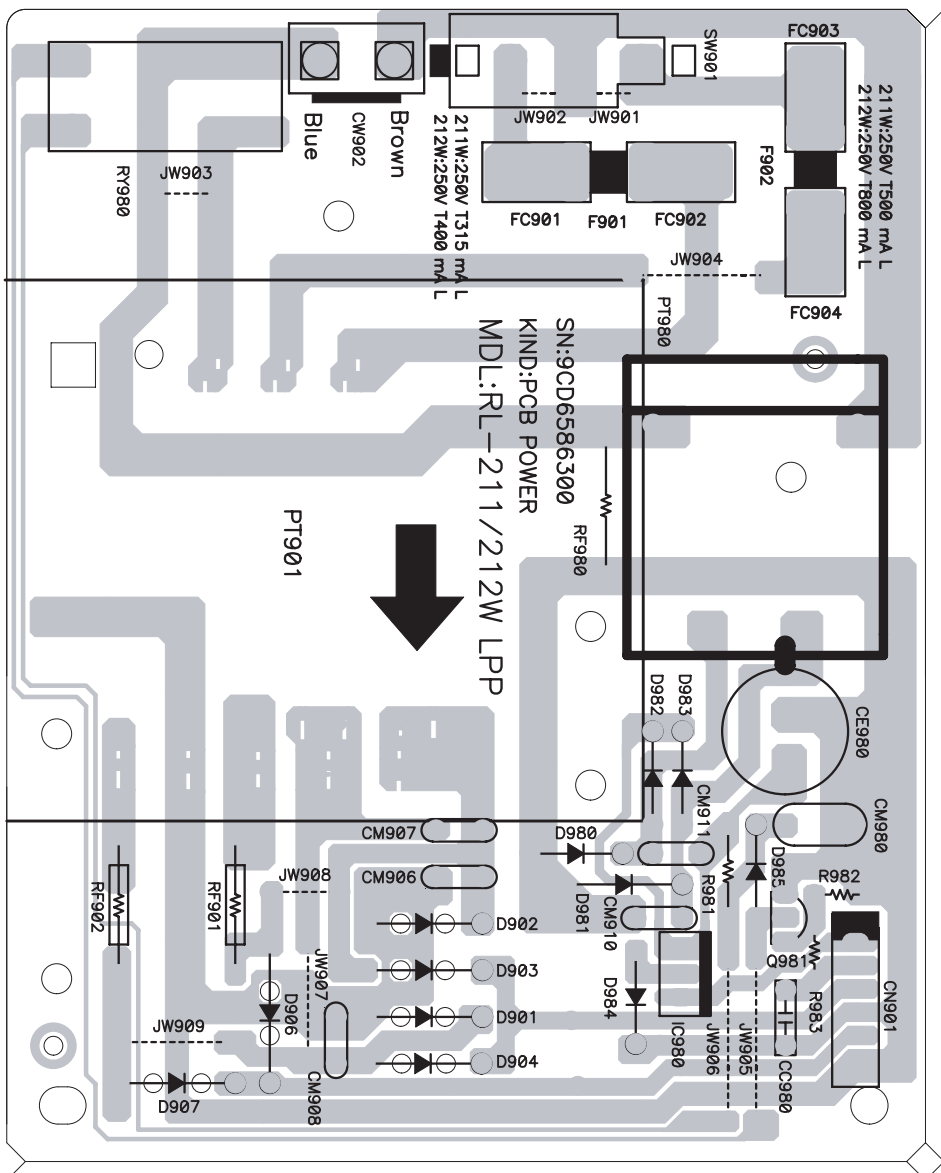


## P.C.B Pattern Layout

Model : RL-211W / RL-212W  
Ass'y Name : CD PCB



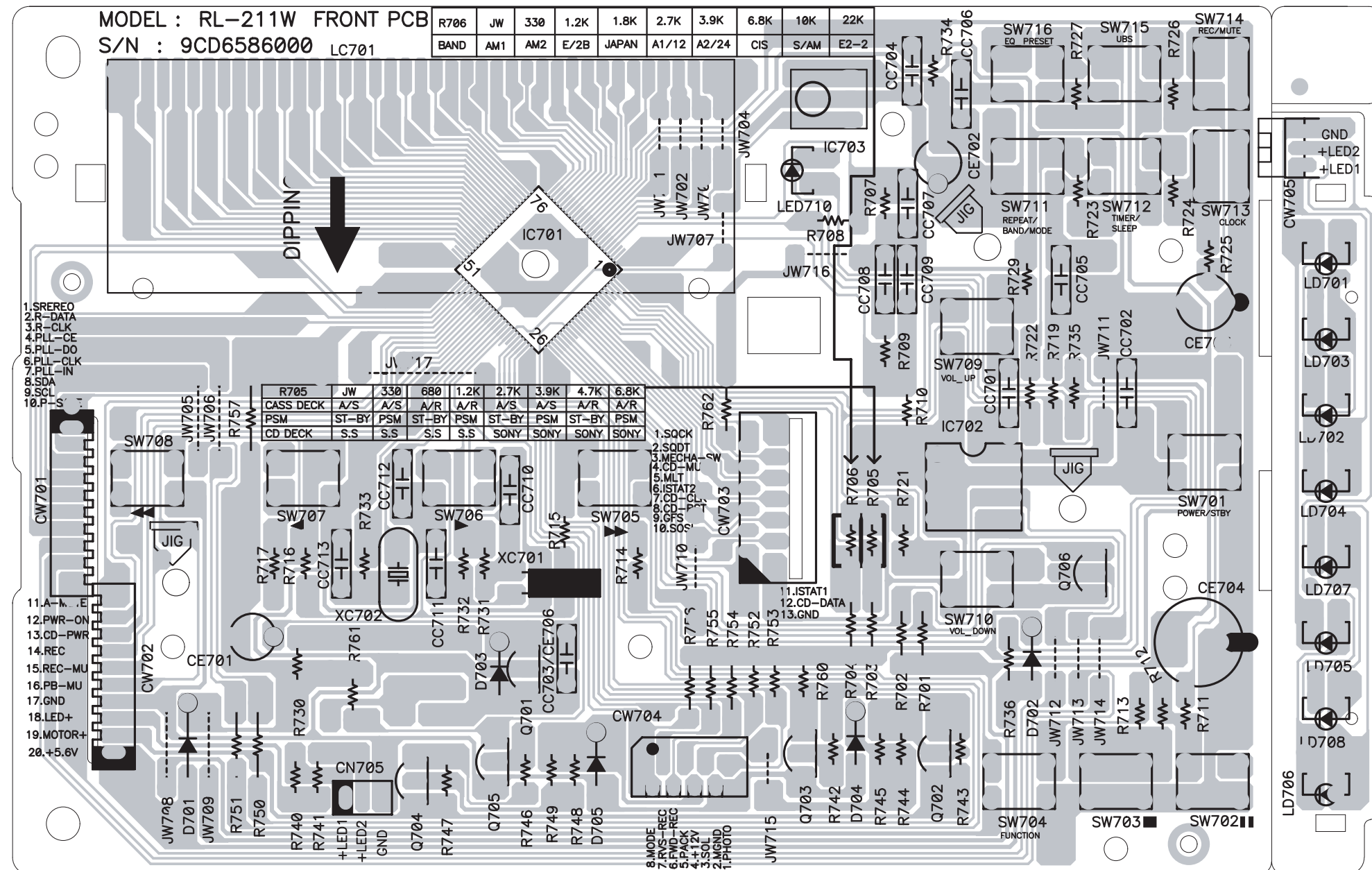
Model : RL-211W / RL-212W  
Ass'y Name : POWER PCB



## P.C.B Pattern Layout

Model : RL-211W / RL-212W  
Ass'y Name : FRONT PCB

Ass'y Name : FRONT PCB



# Electrical Parts List

Model : XL-211/212W

| NO  | PART-NAME    | LOCATION  | PART-CODE   | PART-DESC                    | MODEL   |         |
|-----|--------------|-----------|-------------|------------------------------|---------|---------|
|     |              |           |             |                              | RL-211W | RL-212W |
| 1   | AS MAIN PCB  |           | 9CDC060600  |                              | O       |         |
| 2   | AS MAIN PCB  |           | 9CDC061800  |                              |         | O       |
| 3   | PCB MAIN     | B001      | 9CD6586100  | 247X197X1.6T                 | O       | O       |
| 4   | C CERA       | CC001     | CCZB1H102K  | 50V B 1000PF K (AXIAL)       | O       | O       |
| 5   | C CERA       | CC002     | CCZF1H103Z  | 50V F 0.01MF Z               | O       | O       |
| 6   | C CERA       | CC004     | CCZF1H103Z  | 50V F 0.01MF Z               | O       | O       |
| 7   | C CERA       | CC006     | CCZF1H103Z  | 50V F 0.01MF Z               | O       | O       |
| 8   | C CERA       | CC102     | CCZF1H103Z  | 50V F 0.01MF Z               | O       | O       |
| 9   | C CERA       | CC103     | CCZF1H104Z  | HIKF 50V 0.1MF Z AXIAL       | O       | O       |
| 10  | C CERA       | CC104     | CZCH1H150J  | 50V CH 15PF J (AXIAL)        | O       | O       |
| 11  | C CERA       | CC105     | CZCH1H820J  | CH 50V 82PF J AXL 52MM       | O       | O       |
| 12  | C CERA       | CC201-102 | CCZF1H473Z  | 50V F 0.047MF Z              | O       | O       |
| 13  | C CERA       | CC203     | CCZB1H391K  | 50V B 390PF K (AXIAL)        | O       | O       |
| 14  | C CERA       | CC205     | CCZB1H562K  | 50V B 5600PF K(AXIAL)        | O       | O       |
| 15  | C CERA       | CC206     | CCZF1H473Z  | 50V F 0.047MF Z              | O       | O       |
| 16  | C CERA       | CC207     | CCZF1H104Z  | HIKF 50V 0.1MF Z AXIAL       | O       | O       |
| 17  | C CERA       | CC209     | CCZF1H473Z  | 50V F 0.047MF Z              | O       | O       |
| 18  | C CERA       | CC210-212 | CCZF1H103Z  | 50V F 0.01MF Z               | O       | O       |
| 19  | C CERA       | CC214-215 | CCZB1H562K  | 50V B 5600PF K(AXIAL)        | O       | O       |
| 20  | C CERA       | CC216-217 | CCZB1H682K  | 50V HIKB 6800PF K AXIAL      | O       | O       |
| 21  | C CERA       | CC251     | CCZF1H104Z  | HIKF 50V 0.1MF Z AXIAL       | O       | O       |
| 22  | C CERA       | CC252     | CCZF1H103Z  | 50V F 0.01MF Z               | O       | O       |
| 23  | C CERA       | CC253-254 | CCZB1H102K  | 50V B 1000PF K (AXIAL)       | O       | O       |
| 24  | C CERA       | CC255     | CZCH1H360J  | CH 50V 36PF J AXIAL          | O       | O       |
| 25  | C CERA       | CC256     | CZCH1H330J  | CH 50V 33PF J AXIAL 52MM     | O       | O       |
| 26  | C CERA       | CC257     | CCZF1H103Z  | 50V F 0.01MF Z               | O       | O       |
| 27  | C CERA       | CC259     | CCZF1H103Z  | 50V F 0.01MF Z               | O       | O       |
| 28  | C CERA       | CC270     | CCZB1H331K  | 50V B 330PF K (AXIAL)        | O       | O       |
| 29  | C CERA       | CC272     | CCZF1H103Z  | 50V F 0.01MF Z               | O       | O       |
| 30  | C CERA       | CC276-277 | CZCH1H220J  | 50V CH 22PF J (AXIAL)        | O       | O       |
| 31  | C CERA       | CC290     | CCZF1H104Z  | HIKF 50V 0.1MF Z AXIAL       | O       | O       |
| 32  | C CERA       | CC492-493 | CZCH1H101J  | CH 50V 100PF J AXL 52MM      | O       | O       |
| 33  | C CERA       | CC494     | CCZF1H473Z  | 50V F 0.047MF Z              | O       | O       |
| 34  | C CERA       | CC601-602 | CCXB1H122K  | 50V B 1200PF K (TAPPING)     | O       | O       |
| 35  | C CERA       | CC603-604 | CCZB1H221K  | 50V B 220PF K (AXIAL)        | O       | O       |
| 36  | C CERA       | CC613-614 | CCZB1H221K  | 50V B 220PF K (AXIAL)        | O       | O       |
| 37  | C CERA       | CC615-616 | CCZB1H181K  | 50V B 180PF K (AXIAL)        | O       | O       |
| 38  | C CERA       | CC617-620 | CCZB1H102K  | 50V B 1000PF K (AXIAL)       | O       | O       |
| 39  | C CERA       | CC625     | CCZF1H223Z  | 50V F 0.022MF Z              | O       | O       |
| 40  | C CERA       | CC801-802 | CCZB1H102K  | 50V B 1000PF K (AXIAL)       | O       | O       |
| 41  | C CERA       | CC803-804 | CCZF1H103Z  | 50V F 0.01MF Z               | O       | O       |
| 42  | C CERA       | CC805     | CCZF1H223Z  | 50V F 0.022MF Z              | O       | O       |
| 43  | C CERA       | CC806     | CCZF1H473Z  | 50V F 0.047MF Z              | O       | O       |
| 44  | C CERA       | CC809-810 | CCZF1H473Z  | 50V F 0.047MF Z              | O       | O       |
| 45  | C CERA       | CC901-905 | CCZF1H223Z  | 50V F 0.022MF Z              | O       | O       |
| 46  | C ELECTRO    | CE001     | CEXF1E470V  | 25V RSS 47MF (5X11) TP       | O       | O       |
| 47  | C ELECTRO    | CE101     | CEXF1H229V  | 50V RSS 2.2MF (5X11) TP      | O       | O       |
| 48  | C ELECTRO    | CE102     | CEXF1C221V  | 16V RSS 220MF (8X11.5) TP    | O       | O       |
| 49  | C ELECTRO    | CE201     | CEXF1H479V  | 50V RSS 4.7MF (5X11) TP      | O       | O       |
| 50  | C ELECTRO    | CE202     | CEXF1H100V  | 50V RSS 10MF (5X11) TP       | O       | O       |
| 51  | C ELECTRO    | CE203     | CEXF1H479V  | 50V RSS 4.7MF (5X11) TP      | O       | O       |
| 52  | C ELECTRO    | CE204     | CEXF1E330V  | 25V RSS 33MF (5X11) TP       | O       | O       |
| 53  | C ELECTRO    | CE206     | CEXF1H109V  | 50V RSS 1MF (5X11) TP        | O       | O       |
| 54  | C ELECTRO    | CE207     | CEXF1H478V  | 50V RSS 0.47MF (5X11) TP     | O       | O       |
| 55  | C ELECTRO    | CE208     | CEXF1H109V  | 50V RSS 1MF (5X11) TP        | O       | O       |
| 56  | C ELECTRO    | CE209-210 | CEXF1H229V  | 50V RSS 2.2MF (5X11) TP      | O       | O       |
| 57  | C ELECTRO    | CE211     | CEXF1H339V  | 50V RSS 3.3MF (5X11) TP      | O       | O       |
| 58  | C ELECTRO    | CE214     | CEXF1E470V  | 25V RSS 47MF (5X11) TP       | O       | O       |
| 59  | C ELECTRO    | CE270-271 | CEXF1H100V  | 50V RSS 10MF (5X11) TP       | O       | O       |
| 60  | C ELECTRO    | CE401-414 | CEXF1H229V  | 50V RSS 2.2MF (5X11) TP      | O       | O       |
| 61  | C ELECTRO    | CE415     | CEXF1H100V  | 50V RSS 10MF (5X11) TP       | O       | O       |
| 62  | C ELECTRO    | CE416     | CEXF1C221V  | 16V RSS 220MF (8X11.5) TP    | O       | O       |
| 63  | C ELECTRO    | CE601-602 | CEXF1E470V  | 25V RSS 47MF (5X11) TP       | O       | O       |
| 64  | C ELECTRO    | CE603-606 | CEXF1H229V  | 50V RSS 2.2MF (5X11) TP      | O       | O       |
| 65  | C ELECTRO    | CE607-608 | CEXF1E470V  | 25V RSS 47MF (5X11) TP       | O       | O       |
| 66  | C ELECTRO    | CE609-610 | CEXF1H229V  | 50V RSS 2.2MF (5X11) TP      | O       | O       |
| 67  | C ELECTRO    | CE611-612 | CEXF1H228V  | 50V RSS 0.22MF (5X11) TP     | O       | O       |
| 68  | C ELECTRO    | CE613-614 | CEXF1E470V  | 25V RSS 47MF (5X11) TP       | O       | O       |
| 69  | C ELECTRO    | CE615     | CEXF1H109V  | 50V RSS 1MF (5X11) TP        | O       | O       |
| 70  | C ELECTRO    | CE616     | CEXF1H229V  | 50V RSS 2.2MF (5X11) TP      | O       | O       |
| 71  | C ELECTRO    | CE617     | CEXF1C101V  | 16V RSS 100MF (6.3X11) TP    | O       | O       |
| 72  | C ELECTRO    | CE620     | CEXF1C101V  | 16V RSS 100MF (6.3X11) TP    | O       | O       |
| 73  | C ELECTRO    | CE621     | CEXF1H229V  | 50V RSS 2.2MF (5X11) TP      | O       | O       |
| 74  | C ELECTRO    | CE622     | CEXF1C101V  | 16V RSS 100MF (6.3X11) TP    | O       | O       |
| 75  | C ELECTRO    | CE625     | CEXF1E470V  | 25V RSS 47MF (5X11) TP       | O       | O       |
| 76  | C ELECTRO    | CE801-802 | CEXF1H229V  | 50V RSS 2.2MF (5X11) TP      | O       | O       |
| 77  | C ELECTRO    | CE803-804 | CEXF1C102V  | 16V RSS 1000MF (10X20)       | O       |         |
| 78  | C ELECTRO    | CE803-804 | CEXF1E102V  | 25V RSS 1000MF (10X22)       |         | O       |
| 79  | C ELECTRO    | CE805     | CEXF1H100V  | 50V RSS 10MF (5X11) TP       | O       | O       |
| 80  | C ELECTRO    | CE806     | CEXF1E330V  | 25V RSS 33MF (5X11) TP       | O       | O       |
| 81  | C ELECTRO    | CE807     | CEXF1H100V  | 50V RSS 10MF (5X11) TP       | O       | O       |
| 82  | C ELECTRO    | CE808     | CEXF1H101V  | 50V RSS 100MF (8X11.5) TP    | O       | O       |
| 83  | C ELECTRO    | CE809     | CEXF1E101V  | 25V RSS 100MF (6.3X11) TP    | O       | O       |
| 84  | C ELECTRO    | CE902     | CEYF1V102V  | 35V RSS 1000MF (13X25)       | O       | O       |
| 85  | C ELECTRO    | CE909     | CEXF1V222V  | 35V RSS 2200MF 16X31.5       | O       |         |
| 86  | C ELECTRO    | CE909     | CEXF1H222V  | 50V RSS 2200MF 16X35         |         | O       |
| 87  | C ELECTRO    | CE911-915 | CEXF1H100V  | 50V RSS 10MF (5X11) TP       | O       | O       |
| 88  | C ELECTRO    | CE913     | CEXF1C331V  | 16V RSS 330MF (8X11.5) TP    | O       | O       |
| 89  | FILTER CERA  | CF001-002 | 5PE107MJA-  | SFE 10.7MHZ RED              | O       | O       |
| 90  | FILTER       | CF201     | 5PPCAZ077   | PCFAZ077                     | O       | O       |
| 91  | C MYLAR      | CM201-202 | CMXM1H153J  | 50V 0.015MF J (TP)           | O       | O       |
| 92  | C MYLAR      | CM401-402 | CMXM1H104J  | 50V 0.1MF J                  | O       | O       |
| 93  | C MYLAR      | CM403-404 | CMXM1H272J  | 50V 2700PF J                 | O       | O       |
| 94  | C MYLAR      | CM405-408 | CMXM1H104J  | 50V 0.1MF J                  | O       | O       |
| 95  | C MYLAR      | CM601-602 | CMXM1H562J  | 50V 5600 PF J                | O       | O       |
| 96  | C MYLAR      | CM603     | CMXM1H222J  | 50V 2200PF J                 | O       | O       |
| 97  | C MYLAR      | CM605-606 | CMXM1H223J  | 50V 0.022MF J                | O       | O       |
| 98  | C MYLAR      | CM611-612 | CMXM1H472J  | 50V 0.0047MF J               | O       | O       |
| 99  | C MYLAR      | CM803-804 | CMXM1H473J  | 50V 0.047MF J                | O       | O       |
| 100 | CONN PIN     | CN401     | 9736407800  | 53095-1010 10PIN ANGLE       | O       | O       |
| 101 | CONN PIN     | CN402     | 9736407800  | 53095-1010 10PIN ANGLE       | O       | O       |
| 102 | CONN AS      | CN601     | 9728814200  | UL2547+1533 #28 6P+7P SHIELD | O       | O       |
| 103 | CONN WAFER   | CW101     | 9CD6258800  | 2P S2B-XH-A                  | O       | O       |
| 104 | CONN AS      | CW509     | 9728813500  | 6P 100MM P=2.5 BOARD-IN      | O       | O       |
| 105 | CONN AS      | CW601     | 9728814200  | UL2547+1533 #28 6P+7P SHIELD | O       | O       |
| 106 | CONN AS      | CW901     | 9728813200  | UL1617 #22 5P P=2.5X140M     | O       |         |
| 107 | CONN AS      | CW901     | 9728813300  | UL1617 #22 6P P=2.5X140M     |         | O       |
| 108 | DIODE        | D402      | DZN4148---  | 1N4148 AUTO 52MM             | O       | O       |
| 109 | DIODE        | D800-803  | DZN4148---  | 1N4148 AUTO 52MM             | O       | O       |
| 110 | DIODE        | D905      | DZN4148---  | 1N4148 AUTO 52MM             | O       | O       |
| 111 | ZENER DIODE  | DZ801     | DZT25R1A--- | 5.1V                         | O       | O       |
| 112 | IC           | IC201     | 1LA1833N--  | LA1833N                      | O       | O       |
| 113 | IC           | IC202     | 1LC72131D-  | LC72131D                     | O       | O       |
| 114 | IC REGULATOR | IC205     | 1KA78L05AZ  | KA78L05AZ                    | O       | O       |
| 115 | IC           | IC270     | 1LC72723M-  | LC72723M                     | O       | O       |
| 116 | IC FUNCTION  | IC401     | 1PT2314---  | PT2314                       | O       | O       |
| 117 | IC AUDIO     | IC601     | 1TA8142AP-  | TA8142AP                     | O       |         |
| 118 | IC           | IC602     | 1UPC1330HA  | UPC1330HA                    | O       | O       |
| 119 | IC           | IC800     | 1TDA7499--  | TDA7499                      | O       |         |
| 120 | IC           | IC800     | 1TDA7265--  | TDA7265                      |         | O       |
| 121 | IC           | IC901     | 1L4959----  | L4959                        | O       | O       |
| 122 | JACK ANT     | J001      | 9736324900  | IF-A                         | O       | O       |
| 123 | JACK H/P     | J401      | 9736323200  | HTJ035-13AB GOLD             | O       | O       |
| 124 | JACK RCA     | J490      | 9CD6313700  | S-436P                       | O       | O       |
| 125 | JACK SPEAKER | J800      | 9736320500  | CJ-9007-040                  | O       | O       |
| 126 | WIRE JUMPER  | JW201     | W581GY6095  | AWG22 1/0.65 SN 6 AUTO       | O       | O       |
| 127 | WIRE JUMPER  | JW203     | W581GY6095  | AWG22 1/0.65 SN 6 AUTO       | O       | O       |
| 128 | WIRE JUMPER  | JW204     | W581GY12J5  | AWG22 1/0.65 SN 12.5 AUTO    | O       | O       |
| 129 | WIRE JUMPER  | JW205     | W581GY6095  | AWG22 1/0.65 SN 6 AUTO       | O       | O       |
| 130 | WIRE JUMPER  | JW206     | W581GY1005  | AWG22 1/0.65 SN 10 AUTO      | O       | O       |
| 131 | WIRE JUMPER  | JW207-210 | W581GY7595  | AWG22 1/0.65 SN 7.5 AUTO     | O       | O       |
| 132 | WIRE JUMPER  | JW211     | W581GY6095  | AWG22 1/0.65 SN 6 AUTO       | O       | O       |
| 133 | WIRE JUMPER  | JW212     | W581GY1005  | AWG22 1/0.65 SN 10 AUTO      | O       | O       |
| 134 | WIRE JUMPER  | JW213     | W581GY7595  | AWG22 1/0.65 SN 7.5 AUTO     | O       | O       |
| 135 | WIRE JUMPER  | JW214     | W581GY1005  | AWG22 1/0.65 SN 10 AUTO      | O       | O       |
| 136 | WIRE JUMPER  | JW216     | W581GY7595  | AWG22 1/0.65 SN 7.5 AUTO     | O       | O       |
| 137 | WIRE JUMPER  | JW219     | W581GY7595  | AWG22 1/0.65 SN 7.5 AUTO     | O       | O       |
| 138 | WIRE JUMPER  | JW220-221 | W581GY6095  | AWG22 1/0.65 SN 6 AUTO       | O       | O       |
| 139 | WIRE JUMPER  | JW401-404 | W581GY12J5  | AWG22 1/0.65 SN 12.5 AUTO    | O       | O       |
| 140 | WIRE JUMPER  | JW405     | W581GY1005  | AWG22 1/0.65 SN 10 AUTO      | O       | O       |
| 141 | WIRE JUMPER  | JW406     | W581GY6095  | AWG22 1/0.65 SN 6 AUTO       | O       | O       |
| 142 | WIRE JUMPER  | JW407     | W581GY1005  | AWG22 1/0.65 SN 10 AUTO      | O       | O       |

# Electrical Parts List

Model : XL-211/212W

| NO  | PART-NAME       | LOCATION  | PART-CODE  | PART-DESC                 | MODEL   |         |
|-----|-----------------|-----------|------------|---------------------------|---------|---------|
|     |                 |           |            |                           | RL-211W | RL-212W |
| 143 | WIRE JUMPER     | JW408     | W581GY12J5 | AWG22 1/0.65 SN 12.5 AUTO | 0       | 0       |
| 144 | WIRE JUMPER     | JW409~410 | W581GY6095 | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 145 | WIRE JUMPER     | JW601     | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 146 | WIRE JUMPER     | JW602     | W581GY12J5 | AWG22 1/0.65 SN 12.5 AUTO | 0       | 0       |
| 147 | WIRE JUMPER     | JW603     | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 148 | WIRE JUMPER     | JW604     | W581GY6095 | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 149 | WIRE JUMPER     | JW605     | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 150 | WIRE JUMPER     | JW606~607 | W581GY6095 | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 151 | WIRE JUMPER     | JW802     | W581GY6095 | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 152 | WIRE JUMPER     | JW803     | W581GY12J5 | AWG22 1/0.65 SN 12.5 AUTO | 0       | 0       |
| 153 | WIRE JUMPER     | JW804     | W581GY17J5 | AWG22 1/0.65 SN 17.5 AUTO | 0       | 0       |
| 154 | WIRE JUMPER     | JW805     | W581GY6095 | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 155 | WIRE JUMPER     | JW806     | W581GY1005 | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 156 | WIRE JUMPER     | JW807     | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 157 | WIRE JUMPER     | JW808     | W581GY12J5 | AWG22 1/0.65 SN 12.5 AUTO | 0       | 0       |
| 158 | WIRE JUMPER     | JW901~902 | W581GY1005 | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 159 | WIRE JUMPER     | JW903     | W581GY17J5 | AWG22 1/0.65 SN 17.5 AUTO | 0       | 0       |
| 160 | WIRE JUMPER     | JW904     | W581GY1005 | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 161 | WIRE JUMPER     | JW905~910 | W581GY6095 | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 162 | WIRE JUMPER     | JW911~914 | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 163 | WIRE JUMPER     | JW915     | W581GY1005 | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 164 | WIRE JUMPER     | JW916     | W581GY12J5 | AWG22 1/0.65 SN 12.5 AUTO | 0       | 0       |
| 165 | WIRE JUMPER     | JW917~918 | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 166 | WIRE JUMPER     | JW919     | W581GY1005 | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 167 | WIRE JUMPER     | JW920     | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 168 | WIRE JUMPER     | JW921~922 | W581GY6095 | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 169 | COIL PEAKING    | L001      | 5CP2100K02 | 10UH K (AXIAL 3.5MM)      | 0       | 0       |
| 170 | AM RF UNIT      | L101      | 5LR0000835 | KSNT-213M-1               | 0       | 0       |
| 171 | COIL PEAKING    | L102      | 5CP2100K02 | 10UH K (AXIAL 3.5MM)      | 0       | 0       |
| 172 | COIL            | L201~202  | 5P076068-- | 6068MPX                   | 0       | 0       |
| 173 | COIL PEAKING    | L251      | 5CP2100K02 | 10UH K (AXIAL 3.5MM)      | 0       | 0       |
| 174 | COIL PEAKING    | L270      | 5CP2100K02 | 10UH K (AXIAL 3.5MM)      | 0       | 0       |
| 175 | COIL CHOKE      | L601~602  | 5LC333K804 | 33MH K                    | 0       | 0       |
| 176 | COIL BIAS OSC   | L603      | 5L0503K643 | SM-10F 5.04MH             | 0       | 0       |
| 177 | TR              | Q001      | TZTC3194Y- | KTC3194Y                  | 0       | 0       |
| 178 | TR              | Q003      | TKRA107M-- | KRA107M (KSR2006)         | 0       | 0       |
| 179 | TRANSISTOR      | Q601~602  | TZTC3198Y- | KTC3198Y-(1815Y) (AUTO)   | 0       | 0       |
| 180 | TR              | Q606      | TZTC3205Y- | KTC3205Y (2236Y)          | 0       | 0       |
| 181 | TR              | Q608      | TZTA1273Y- | KTAA1273Y(966Y)           | 0       | 0       |
| 182 | TR              | Q609      | TKRC111M-- | KRC111M (KSR1010)         | 0       | 0       |
| 183 | TR              | Q611~612  | TKRC107M-- | KRC 107-M (TAPPING)       | 0       | 0       |
| 184 | TR              | Q801~802  | TZTD1302Y- | KTD1302Y AUTO             | 0       | 0       |
| 185 | TR              | Q803      | TKRA111M-- | KRA 111-M (TAPPING)       | 0       | 0       |
| 186 | TRANSISTOR      | Q804      | TZTC3198Y- | KTC3198Y-(1815Y) (AUTO)   | 0       | 0       |
| 187 | TR              | Q805      | TKRA107M-- | KRA107M (KSR2006)         | 0       | 0       |
| 188 | WIRE JUMPER     | R001      | W581GY6095 | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 189 | R CARBON FILM   | R003      | RD-AZ470J- | 1/6 47 OHM J              | 0       | 0       |
| 190 | R CARBON FILM   | R004      | RD-AZ100J- | 1/6 10 OHM J              | 0       | 0       |
| 191 | R CARBON FILM   | R005      | RD-AZ332J- | 1/6 3.3K OHM J            | 0       | 0       |
| 192 | R CARBON FILM   | R006      | RD-AZ681J- | 1/6 680 OHM J             | 0       | 0       |
| 193 | R CARBON FILM   | R007      | RD-AZ331J- | 1/6 330 OHM J             | 0       | 0       |
| 194 | R CARBON FILM   | R008      | RD-AZ101J- | 1/6 100 OHM J             | 0       | 0       |
| 195 | R CARBON FILM   | R012      | RD-AZ331J- | 1/6 330 OHM J             | 0       | 0       |
| 196 | R CARBON FILM   | R101      | RD-AZ472J- | 1/6 4.7K OHM J            | 0       | 0       |
| 197 | R CARBON FILM   | R103~105  | RD-AZ472J- | 1/6 4.7K OHM J            | 0       | 0       |
| 198 | R CARBON FILM   | R106      | RD-AZ332J- | 1/6 3.3K OHM J            | 0       | 0       |
| 199 | R CARBON FILM   | R107      | RD-AZ223J- | 1/6 22K OHM J             | 0       | 0       |
| 200 | R CARBON FILM   | R109      | RD-AZ104J- | 1/6 100K OHM J            | 0       | 0       |
| 201 | R CARBON FILM   | R201      | RD-AZ682J- | 1/6 6.8K OHM J            | 0       | 0       |
| 202 | R CARBON FILM   | R202      | RD-AZ473J- | 1/6 47K OHM J             | 0       | 0       |
| 203 | R CARBON FILM   | R203      | RD-AZ682J- | 1/6 6.8K OHM J            | 0       | 0       |
| 204 | R CARBON FILM   | R204      | RD-AZ220J- | 1/6 22 OHM J              | 0       | 0       |
| 205 | R CARBON FILM   | R204B     | RD-AZ223J- | 1/6 22K OHM J             | 0       | 0       |
| 206 | R CARBON FILM   | R205~206  | RD-AZ102J- | 1/6 1K OHM J              | 0       | 0       |
| 207 | R CARBON FILM   | R207      | RD-AZ121J- | 1/6 120 OHM J             | 0       | 0       |
| 208 | R CARBON FILM   | R208      | RD-AZ332J- | 1/6 3.3K OHM J            | 0       | 0       |
| 209 | R CARBON FILM   | R211      | RD-AZ100J- | 1/6 10 OHM J              | 0       | 0       |
| 210 | R CARBON FILM   | R212~213  | RD-AZ182J- | 1/6 1.8K OHM J            | 0       | 0       |
| 211 | R CARBON FILM   | R214~215  | RD-AZ332J- | 1/6 3.3K OHM J            | 0       | 0       |
| 212 | R CARBON FILM   | R216      | RD-AZ473J- | 1/6 47K OHM J             | 0       | 0       |
| 213 | WIRE JUMPER     | R217~218  | W581GY6095 | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 214 | R CARBON FILM   | R221      | RD-AZ563J- | 1/6 56K OHM J             | 0       | 0       |
| 215 | R CARBON FILM   | R251      | RD-AZ102J- | 1/6 1K OHM J              | 0       | 0       |
| 216 | R CARBON FILM   | R252      | RD-AZ470J- | 1/6 47 OHM J              | 0       | 0       |
| 217 | R CARBON FILM   | R253      | RD-AZ222J- | 1/6 2.2K OHM J            | 0       | 0       |
| 218 | R CARBON FILM   | R254      | RD-AZ103J- | 1/6 10K OHM J             | 0       | 0       |
| 219 | R CARBON FILM   | R255      | RD-AZ100J- | 1/6 10 OHM J              | 0       | 0       |
| 220 | R CARBON FILM   | R256      | RD-AZ102J- | 1/6 1K OHM J              | 0       | 0       |
| 221 | R CARBON FILM   | R257~258  | RD-AZ103J- | 1/6 10K OHM J             | 0       | 0       |
| 222 | R CARBON FILM   | R259      | RD-AZ123J- | 1/6 12K OHM J             | 0       | 0       |
| 223 | R CARBON FILM   | R260~263  | RD-AZ102J- | 1/6 1K OHM J              | 0       | 0       |
| 224 | R CARBON FILM   | R264      | RD-AZ222J- | 1/6 2.2K OHM J            | 0       | 0       |
| 225 | R CARBON FILM   | R270      | RD-AZ470J- | 1/6 47 OHM J              | 0       | 0       |
| 226 | R CARBON FILM   | R271~272  | RD-AZ103J- | 1/6 10K OHM J             | 0       | 0       |
| 227 | R CARBON FILM   | R403~404  | RD-AZ562J- | 1/6 5.6K OHM J            | 0       | 0       |
| 228 | R CARBON FILM   | R405~408  | RD-AZ102J- | 1/6 1K OHM J              | 0       | 0       |
| 229 | R CARBON FILM   | R409~410  | RD-AZ104J- | 1/6 100K OHM J            | 0       | 0       |
| 230 | R CARBON FILM   | R411~412  | RD-AZ103J- | 1/6 10K OHM J             | 0       | 0       |
| 231 | R CARBON FILM   | R413      | RD-AZ101J- | 1/4 100 OHM J             | 0       | 0       |
| 232 | R CARBON FILM   | R414      | RD-AZ102J- | 1/6 1K OHM J              | 0       | 0       |
| 233 | R CARBON FILM   | R415~416  | RD-AZ104J- | 1/6 100K OHM J            | 0       | 0       |
| 234 | R CARBON FILM   | R417      | RD-AZ102J- | 1/6 1K OHM J              | 0       | 0       |
| 235 | R CARBON FILM   | R418~419  | RD-AZ103J- | 1/6 10K OHM J             | 0       | 0       |
| 236 | R CARBON FILM   | R420~421  | RD-AZ682J- | 1/6 6.8K OHM J            | 0       | 0       |
| 237 | R CARBON FILM   | R490      | RD-AZ123J- | 1/6 12K OHM J             | 0       | 0       |
| 238 | R CARBON FILM   | R491~492  | RD-AZ223J- | 1/6 22K OHM J             | 0       | 0       |
| 239 | R CARBON FILM   | R493      | RD-AZ123J- | 1/6 12K OHM J             | 0       | 0       |
| 240 | R CARBON FILM   | R605~606  | RD-AZ221J- | 1/6 220 OHM J             | 0       | 0       |
| 241 | R CARBON FILM   | R609~610  | RD-AZ153J- | 1/6 15K OHM J             | 0       | 0       |
| 242 | R CARBON FILM   | R611~612  | RD-AZ222J- | 1/6 2.2K OHM J            | 0       | 0       |
| 243 | R CARBON FILM   | R617~618  | RD-AZ221J- | 1/6 220 OHM J             | 0       | 0       |
| 244 | R CARBON FILM   | R621~622  | RD-AZ681J- | 1/6 680 OHM J             | 0       | 0       |
| 245 | R CARBON FILM   | R623~624  | RD-AZ154J- | 1/6 150K OHM J            | 0       | 0       |
| 246 | R CARBON FILM   | R625~626  | RD-AZ473J- | 1/6 47K OHM J             | 0       | 0       |
| 247 | R CARBON FILM   | R629~630  | RD-AZ562J- | 1/6 5.6K OHM J            | 0       | 0       |
| 248 | R CARBON FILM   | R631~632  | RD-AZ102J- | 1/6 1K OHM J              | 0       | 0       |
| 249 | R CARBON FILM   | R638      | RD-AZ105J- | 1/6 1M OHM J              | 0       | 0       |
| 250 | R CARBON FILM   | R640      | RD-AZ101J- | 1/4 100 OHM J             | 0       | 0       |
| 251 | R CARBON FILM   | R641~642  | RD-AZ823J- | 1/6 82K OHM J             | 0       | 0       |
| 252 | R CARBON FILM   | R643~644  | RD-AZ223J- | 1/6 22K OHM J             | 0       | 0       |
| 253 | R CARBON FILM   | R645~646  | RD-AZ123J- | 1/6 12K OHM J             | 0       | 0       |
| 254 | R CARBON FILM   | R651      | RD-4Z221J- | 1/4 220 OHM J             | 0       | 0       |
| 255 | R CARBON FILM   | R652      | RD-AZ392J- | 1/6 3.9K OHM J            | 0       | 0       |
| 256 | R CARBON FILM   | R653      | RD-AZ472J- | 1/6 4.7K OHM J            | 0       | 0       |
| 257 | R CARBON FILM   | R655      | RD-AZ153J- | 1/6 15K OHM J             | 0       | 0       |
| 258 | R CARBON FILM   | R656      | RD-4Z479J- | 1/4 4.7 OHM J             | 0       | 0       |
| 259 | R CARBON FILM   | R659      | RD-AZ102J- | 1/6 1K OHM J              | 0       | 0       |
| 260 | R CARBON FILM   | R660      | RD-4Z560J- | 1/4 56 OHM J              | 0       | 0       |
| 261 | R CARBON FILM   | R661~662  | RD-AZ472J- | 1/6 4.7K OHM J            | 0       | 0       |
| 262 | R CARBON FILM   | R663      | RD-AZ103J- | 1/6 10K OHM J             | 0       | 0       |
| 263 | R CARBON FILM   | R801~802  | RD-AZ102J- | 1/6 1K OHM J              | 0       | 0       |
| 264 | R CARBON FILM   | R803~804  | RD-AZ104J- | 1/6 100K OHM J            | 0       | 0       |
| 265 | R CARBON FILM   | R805~806  | RD-AZ392J- | 1/6 3.9K OHM J            | 0       | 0       |
| 266 | R CARBON FILM   | R807~808  | RD-AZ393J- | 1/6 39K OHM J             | 0       | 0       |
| 267 | R CARBON FILM   | R809~810  | RD-AZ102J- | 1/6 1K OHM J              | 0       | 0       |
| 268 | R CARBON FILM   | R809~810  | RD-AZ681J- | 1/6 680P OHM J            |         | 0       |
| 269 | R CARBON FILM   | R811~812  | RD-4Z221J- | 1/4 220 OHM J             | 0       | 0       |
| 270 | R CARBON FILM   | R813~814  | RD-4Z479J- | 1/4 4.7 OHM J             | 0       | 0       |
| 271 | R CARBON FILM   | R815      | RD-AZ154J- | 1/6 150K OHM J            | 0       | 0       |
| 272 | R CARBON FILM   | R816      | RD-AZ103J- | 1/6 10K OHM J             | 0       | 0       |
| 273 | R CARBON FILM   | R817~818  | RD-AZ104J- | 1/6 100K OHM J            | 0       | 0       |
| 274 | R CARBON FILM   | R819~820  | RD-AZ102J- | 1/6 1K OHM J              | 0       | 0       |
| 275 | R CARBON FILM   | R824      | RD-4Z221J- | 1/4 220 OHM J             | 0       | 0       |
| 276 | R CARBON FILM   | R826      | RD-4Z221J- | 1/4 220 OHM J             | 0       | 0       |
| 277 | R CARBON FILM   | R908      | RD-AZ223J- | 1/6 22K OHM J             | 0       | 0       |
| 278 | R CARBON FILM   | R909~910  | RD-AZ103J- | 1/6 10K OHM J             | 0       | 0       |
| 279 | R CARBON FILM   | R911~912  | RD-AZ223J- | 1/6 22K OHM J             | 0       | 0       |
| 280 | R CARBON FILM   | R914      | RD-4Z229J- | 1/4 2.2 OHM J             | 0       | 0       |
| 281 | R CARBON FILM   | R916      | RD-AZ103J- | 1/6 10K OHM J             | 0       | 0       |
| 282 | TUNER PACK      | TU001     | 9737613500 | FTE4-401TC                | 0       | 0       |
| 283 | C DISCRIMINATOR | XC201     | 5P107MG86C | CDA10.7MG86N-C            | 0       | 0       |
| 284 | CRYSTAL QUARTZ  | XC251     | 5XA7R2000D | HC-18/U 7.200000MHZ 25PPM | 0       | 0       |

# Electrical Parts List

Model : XL-211/212W

| NO  | PART-NAME     | LOCATION  | PART-CODE   | PART-DESC                 | MODEL   |         |
|-----|---------------|-----------|-------------|---------------------------|---------|---------|
|     |               |           |             |                           | RL-211W | RL-212W |
| 285 | X-TAL         | XC270     | 5XA4R332M-  | 4.332M                    | 0       | 0       |
| 1   | PCB FRONT     | B701      | 9CD6586000  | 163X103X1.6T              | 0       | 0       |
| 2   | C CERA        | CC701~702 | CCXF1H223Z  | 50V F 0.022MF Z (TAPPING) | 0       | 0       |
| 3   | C CERA        | CC703     | CCXF1H104Z  | 50V F 0.1MF Z             | 0       | 0       |
| 4   | C CERA        | CC704~709 | CCXF1H223Z  | 50V F 0.022MF Z (TAPPING) | 0       | 0       |
| 5   | C CERA        | CC710     | CZCH1H150J  | 50V CH 15PF J (AXIAL)     | 0       | 0       |
| 6   | C CERA        | CC711     | CZCH1H180J  | 50V CH 18PF J (AXIAL)     | 0       | 0       |
| 7   | C CERA        | CC712~713 | CZCH1H330J  | CH 50V 33PF J AXIAL 52MM  | 0       | 0       |
| 8   | C ELECTRO     | CE701     | CEXF1H229V  | 50V RSS 2.2MF (5X11) TP   | 0       | 0       |
| 9   | C ELECTRO     | CE702     | CEXF1H100V  | 50V RSS 10MF (5X11) TP    | 0       | 0       |
| 10  | C ELECTRO     | CE703     | CEXF1E101V  | 25V RSS 100MF (6.3X11) TP | 0       | 0       |
| 11  | C ELECTRO     | CE704     | CEYF1A102V  | 10V 1000MF RSS 10X16      | 0       | 0       |
| 12  | CONN AS       | CN704     | 9728813600  | FFC 8P P=1.25X80MM K      | 0       | 0       |
| 13  | CONN AS       | CN705     | 9728812800  | UL2468 #26 3P P=2.0X130MM | 0       | 0       |
| 14  | CONN WAFER    | CW701     | 9736407900  | 52084-1010 10P BOTTOM     | 0       | 0       |
| 15  | CONN WAFER    | CW702     | 9736407900  | 52084-1010 10P BOTTOM     | 0       | 0       |
| 16  | CONN AS       | CW703     | 9CD6261300  | 52492-1320 BOTTOM ENTRY   | 0       | 0       |
| 17  | CONN WAFER    | CW704     | 9CD6266800  | 52044-0845 SIDE ENTRY     | 0       | 0       |
| 18  | CONN AS       | CW705     | 9728812800  | UL2468 #26 3P P=2.0X130MM | 0       | 0       |
| 19  | DIODE         | D701~705  | 1N4148---   | 1N4148 AUTO 52MM          | 0       | 0       |
| 20  | IC            | IC701     | 137560211W  | U-COM M37560MF-XXXGP      | 0       | 0       |
| 21  | IC            | IC702     | 1M24C04---  | M24C04-BN6                | 0       | 0       |
| 22  | IC            | IC703     | 1354HF7---  | 354HF7                    | 0       | 0       |
| 23  | WIRE JUMPER   | JW701~704 | W581GY6095  | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 24  | WIRE JUMPER   | JW705~706 | W581GY1005  | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 25  | WIRE JUMPER   | JW707     | W581GY6095  | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 26  | WIRE JUMPER   | JW708~709 | W581GY1005  | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 27  | WIRE JUMPER   | JW710     | W581GY7595  | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 28  | WIRE JUMPER   | JW711     | W581GY6095  | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 29  | WIRE JUMPER   | JW712~714 | W581GY7595  | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 30  | WIRE JUMPER   | JW715     | W581GY6095  | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 31  | WIRE JUMPER   | JW716     | W581GY7595  | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 32  | LCD           | LC701     | D50295TM--  | S0295T/M                  | 0       | 0       |
| 33  | LED           | LD701~708 | DSLRL342MG- | SLR-342MG                 | 0       | 0       |
| 34  | LED           | LD710     | DLTL307EE-  | LTL-307EE(RED)/PI5        | 0       | 0       |
| 35  | TR            | Q701      | TKRC107M--  | KRC 107-M (TAPPING)       | 0       | 0       |
| 36  | TR            | Q702      | TZTA1273Y-  | KTA1273Y(966Y)            | 0       | 0       |
| 37  | TR            | Q703      | TKRC107M--  | KRC 107-M (TAPPING)       | 0       | 0       |
| 38  | TR            | Q704      | TZTA1273Y-  | KTA1273Y(966Y)            | 0       | 0       |
| 39  | TR            | Q705      | TKRC107M--  | KRC 107-M (TAPPING)       | 0       | 0       |
| 40  | TR            | Q706      | TKRC111M--  | KRC111M (KSR1010)         | 0       | 0       |
| 41  | R CARBON FILM | R701~702  | RD-AZ103J-  | 1/6 10K OHM J             | 0       | 0       |
| 42  | R CARBON FILM | R703~704  | RD-AZ472J-  | 1/6 4.7K OHM J            | 0       | 0       |
| 43  | R CARBON FILM | R705      | RD-AZ331J-  | 1/6 330 OHM J             | 0       | 0       |
| 44  | R CARBON FILM | R706      | RD-AZ223J-  | 1/6 22K OHM J             | 0       | 0       |
| 45  | R CARBON FILM | R707      | RD-AZ331J-  | 1/6 330 OHM J             | 0       | 0       |
| 46  | R CARBON FILM | R708~710  | RD-AZ103J-  | 1/6 10K OHM J             | 0       | 0       |
| 47  | R CARBON FILM | R711      | RD-AZ101J-  | 1/6 100 OHM J             | 0       | 0       |
| 48  | R CARBON FILM | R712      | RD-AZ151J-  | 1/6 150 OHM J             | 0       | 0       |
| 49  | R CARBON FILM | R713      | RD-AZ181J-  | 1/6 180 OHM J             | 0       | 0       |
| 50  | R CARBON FILM | R714      | RD-AZ271J-  | 1/6 270 OHM J             | 0       | 0       |
| 51  | R CARBON FILM | R715      | RD-AZ331J-  | 1/6 330 OHM J             | 0       | 0       |
| 52  | R CARBON FILM | R716      | RD-AZ391J-  | 1/6 390 OHM J             | 0       | 0       |
| 53  | R CARBON FILM | R717      | RD-AZ471J-  | 1/6 470 OHM J             | 0       | 0       |
| 54  | R CARBON FILM | R719      | RD-AZ152J-  | 1/6 1.5K OHM J            | 0       | 0       |
| 55  | R CARBON FILM | R721      | RD-AZ101J-  | 1/6 100 OHM J             | 0       | 0       |
| 56  | R CARBON FILM | R722      | RD-AZ151J-  | 1/6 150 OHM J             | 0       | 0       |
| 57  | R CARBON FILM | R723      | RD-AZ181J-  | 1/6 180 OHM J             | 0       | 0       |
| 58  | R CARBON FILM | R724      | RD-AZ271J-  | 1/6 270 OHM J             | 0       | 0       |
| 59  | R CARBON FILM | R725      | RD-AZ331J-  | 1/6 330 OHM J             | 0       | 0       |
| 60  | R CARBON FILM | R726      | RD-AZ391J-  | 1/6 390 OHM J             | 0       | 0       |
| 61  | R CARBON FILM | R727      | RD-AZ471J-  | 1/6 470 OHM J             | 0       | 0       |
| 62  | R CARBON FILM | R729      | RD-AZ152J-  | 1/6 1.5K OHM J            | 0       | 0       |
| 63  | R CARBON FILM | R730      | RD-AZ103J-  | 1/6 10K OHM J             | 0       | 0       |
| 64  | R CARBON FILM | R731      | RD-AZ106J-  | 1/6 10M OHM J             | 0       | 0       |
| 65  | R CARBON FILM | R732      | RD-AZ334J-  | 1/6 330K OHM J            | 0       | 0       |
| 66  | R CARBON FILM | R733      | RD-AZ101J-  | 1/6 100 OHM J             | 0       | 0       |
| 67  | R CARBON FILM | R734      | RD-AZ100J-  | 1/6 10 OHM J              | 0       | 0       |
| 68  | R CARBON FILM | R735      | RD-AZ392J-  | 1/6 3.9K OHM J            | 0       | 0       |
| 69  | R CARBON FILM | R736      | RD-AZ561J-  | 1/6 560 OHM J             | 0       | 0       |
| 70  | R CARBON FILM | R740~741  | RD-AZ221J-  | 1/6 220 OHM J             | 0       | 0       |
| 71  | R CARBON FILM | R742      | RD-AZ222J-  | 1/6 2.2K OHM J            | 0       | 0       |
| 72  | R CARBON FILM | R743      | RD-AZ102J-  | 1/6 1K OHM J              | 0       | 0       |
| 73  | R CARBON FILM | R744~745  | RD-AZ120J-  | 1/6 12 OHM J              | 0       | 0       |
| 74  | R CARBON FILM | R746      | RD-AZ222J-  | 1/6 2.2K OHM J            | 0       | 0       |
| 75  | R CARBON FILM | R747      | RD-AZ102J-  | 1/6 1K OHM J              | 0       | 0       |
| 76  | R CARBON FILM | R748~749  | RD-AZ120J-  | 1/6 12 OHM J              | 0       | 0       |
| 77  | WIRE JUMPER   | R750~751  | W581GY1005  | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 78  | R CARBON FILM | R752~757  | RD-AZ103J-  | 1/6 10K OHM J             | 0       | 0       |
| 79  | R CARBON FILM | R760~762  | RD-AZ103J-  | 1/6 10K OHM J             | 0       | 0       |
| 80  | SW TACT       | SW701~716 | S5S0101001  | KPT-1105A 1C-1P           | 0       | 0       |
| 81  | X-TAL         | XC701     | 5XA32R768-  | DT-38 32.768KHZ 20PPM     | 0       | 0       |
| 82  | RESONATOR     | XC702     | 5PCSA8MTZ-  | CSALA8M00T55-B0 (8.00MTZ) | 0       | 0       |
| 1   | PCB CD        | B501      | 9CD6585000  | 123.5X123.5X1.6T          | 0       | 0       |
| 2   | C CERA        | CC501~502 | CCXF1H103Z  | 50V F 0.01MF Z (TAPPING)  | 0       | 0       |
| 3   | C CERA        | CC504~505 | CCXF1H104Z  | 50V F 0.1MF Z             | 0       | 0       |
| 4   | C CERA        | CC506~507 | CCXF1H103Z  | 50V F 0.01MF Z (TAPPING)  | 0       | 0       |
| 5   | C CERA        | CC508     | CCXF1H104Z  | 50V F 0.1MF Z             | 0       | 0       |
| 6   | C CERA        | CC510~512 | CCXB1H222K  | 50V B 2200PF K (TAPPING)  | 0       | 0       |
| 7   | C CERA        | CC513~516 | CCXF1H104Z  | 50V F 0.1MF Z             | 0       | 0       |
| 8   | C CERA        | CC520     | CCXF1H103Z  | 50V F 0.01MF Z (TAPPING)  | 0       | 0       |
| 9   | C CERA        | CC521     | CCXF1H683Z  | 50V F 0.068MF Z           | 0       | 0       |
| 10  | C CERA        | CC523     | CCXF1H104Z  | 50V F 0.1MF Z             | 0       | 0       |
| 11  | C CERA        | CC524     | CCXB1H391K  | 50V B 390PF K (TAPPING)   | 0       | 0       |
| 12  | C CERA        | CC525     | CCXF1H104Z  | 50V F 0.1MF Z             | 0       | 0       |
| 13  | C CERA        | CC526     | CCXB1H681K  | 50V B 680PF K (TAPPING)   | 0       | 0       |
| 14  | C CERA        | CC527     | CCXB1H222K  | 50V B 2200PF K (TAPPING)  | 0       | 0       |
| 15  | C CERA        | CC528     | CCXF1H104Z  | 50V F 0.1MF Z             | 0       | 0       |
| 16  | C CERA        | CC530     | CCXB1H682K  | 50V B 6800PF K (TAPPING)  | 0       | 0       |
| 17  | C CERA        | CC531     | CCXF1H103Z  | 50V F 0.01MF Z (TAPPING)  | 0       | 0       |
| 18  | C CERA        | CC532     | CCXF1H473Z  | 50V F 0.047MF Z (TAPPING) | 0       | 0       |
| 19  | C CERA        | CC533     | CCXF1H104Z  | 50V F 0.1MF Z             | 0       | 0       |
| 20  | C CERA        | CC534     | CCXB1H102K  | 50V B 1000PF K (TAPPING)  | 0       | 0       |
| 21  | C CERA        | CC535~536 | CCXF1H104Z  | 50V F 0.1MF Z             | 0       | 0       |
| 22  | C CERA        | CC537     | CCXF1H103Z  | 50V F 0.01MF Z (TAPPING)  | 0       | 0       |
| 23  | C CERA        | CC538     | CCXB1H222K  | 50V B 2200PF K (TAPPING)  | 0       | 0       |
| 24  | C CERA        | CC539     | CCXB1H562K  | 50V B 5600PF K (TAPPING)  | 0       | 0       |
| 25  | C CERA        | CC540     | CXCH1H409D  | 50V CH 4PF D (TAPPING)    | 0       | 0       |
| 26  | C CERA        | CC541     | CXCH1H270J  | 50V CH 27PF J (TAPPING)   | 0       | 0       |
| 27  | C CERA        | CC542     | CCXB1H102K  | 50V B 1000PF K (TAPPING)  | 0       | 0       |
| 28  | C CERA        | CC543~545 | CCXF1H103Z  | 50V F 0.01MF Z (TAPPING)  | 0       | 0       |
| 29  | C CERA        | CC546     | CCXF1H473Z  | 50V F 0.047MF Z (TAPPING) | 0       | 0       |
| 30  | C ELECTRO     | CE502~503 | CEXF1E101V  | 25V RSS 100MF (6.3X11) TP | 0       | 0       |
| 31  | C ELECTRO     | CE504     | CEXF1E470V  | 25V RSS 47MF (5X11) TP    | 0       | 0       |
| 32  | C ELECTRO     | CE505~507 | CEXF1E101V  | 25V RSS 100MF (6.3X11) TP | 0       | 0       |
| 33  | C ELECTRO     | CE511     | CEXF1H100V  | 50V RSS 10MF (5X11) TP    | 0       | 0       |
| 34  | C ELECTRO     | CE513     | CEXF1H100V  | 50V RSS 10MF (5X11) TP    | 0       | 0       |
| 35  | C ELECTRO     | CE514~515 | CEXF1H479V  | 50V RSS 4.7MF (5X11) TP   | 0       | 0       |
| 36  | C ELECTRO     | CE516     | CEXF1C221V  | 16V RSS 220MF (8X11.5) TP | 0       | 0       |
| 37  | C ELECTRO     | CE520     | CEXF1H100V  | 50V RSS 10MF (5X11) TP    | 0       | 0       |
| 38  | C ELECTRO     | CE521     | CEXF1H479V  | 50V RSS 4.7MF (5X11) TP   | 0       | 0       |
| 39  | C ELECTRO     | CE522~524 | CEXF1E101V  | 25V RSS 100MF (6.3X11) TP | 0       | 0       |
| 40  | C ELECTRO     | CE525     | CEXF1E330V  | 25V RSS 33MF (5X11) TP    | 0       | 0       |
| 41  | C ELECTRO     | CE526     | CEXF1C102V  | 16V RSS 1000MF (10X20) TP | 0       | 0       |
| 42  | C ELECTRO     | CE527~528 | CEXF1H478V  | 50V RSS 0.47MF (5X11) TP  | 0       | 0       |
| 43  | CONN AS       | CN500     | 9728813800  | FFC 16P P=1.0X120MM R     | 0       | 0       |
| 44  | CONN AS       | CN501     | 9728813900  | UL1007 #30 6P P=2.0X120MM | 0       | 0       |
| 45  | CONN AS       | CN503     | 9728813700  | FFC 13P P=1.25X120 MM R   | 0       | 0       |
| 46  | CONN AS       | CN509     | 9728813500  | 6P 100MM P=2.5 BOARD-IN   | 0       | 0       |
| 47  | CONN AS       | CN511     | 9728812900  | UL1007 #26 2P P=2.5X100MM | 0       | 0       |
| 48  | CONN WAFER    | CW500     | 9CD6259300  | 52807-1610 SID ENTRY      | 0       | 0       |
| 49  | CONN AS       | CW501     | 9728813900  | UL1007 #30 6P P=2.0X120MM | 0       | 0       |
| 50  | CONN WAFER    | CW503     | 9CD6264500  | 52045-1345 TOP ENTRY      | 0       | 0       |
| 51  | CONN AS       | CW511     | 9728812900  | UL1007 #26 2P P=2.5X100MM | 0       | 0       |
| 52  | IC SSP        | IC501     | 1S1L9226--  | S1L9226                   | 0       | 0       |
| 53  | IC DSP        | IC502     | 1S5L9290--  | S5L9290                   | 0       | 0       |
| 54  | IC            | IC503     | 174HCT04AF  | TC74HCT04AF               | 0       | 0       |
| 55  | IC CHIP       | IC504     | 1KA9258D--  | KA9258D                   | 0       | 0       |
| 56  | WIRE JUMPER   | JW501     | W581GY1005  | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 57  | WIRE JUMPER   | JW502     | W581GY7595  | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 58  | WIRE JUMPER   | JW503     | W581GY6095  | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 59  | WIRE JUMPER   | JW504     | W581GY1005  | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |

# Electrical Parts List

Model : XL-211/212W

| NO  | PART-NAME      | LOCATION  | PART-CODE  | PART-DESC                 | MODEL   |         |
|-----|----------------|-----------|------------|---------------------------|---------|---------|
|     |                |           |            |                           | RL-211W | RL-212W |
| 60  | WIRE JUMPER    | JW505     | W581GY6095 | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 61  | WIRE JUMPER    | JW506-511 | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 62  | WIRE JUMPER    | JW512     | W581GY6095 | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 63  | WIRE JUMPER    | JW513     | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 64  | WIRE JUMPER    | JW514-515 | W581GY1005 | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 65  | WIRE JUMPER    | JW516-517 | W581GY6095 | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 66  | WIRE JUMPER    | JW518     | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 67  | WIRE JUMPER    | JW520     | W581GY1005 | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 68  | WIRE JUMPER    | JW521     | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 69  | WIRE JUMPER    | JW524-525 | W581GY12J5 | AWG22 1/0.65 SN 12.5 AUTO | 0       | 0       |
| 70  | WIRE JUMPER    | JW526     | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 71  | WIRE JUMPER    | JW527     | W581GY12J5 | AWG22 1/0.65 SN 12.5 AUTO | 0       | 0       |
| 72  | WIRE JUMPER    | JW528     | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 73  | WIRE JUMPER    | JW529     | W581GY6095 | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 74  | WIRE JUMPER    | JW530-531 | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 75  | WIRE JUMPER    | JW532     | W581GY1005 | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 76  | WIRE JUMPER    | JW533     | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 77  | WIRE JUMPER    | JW534     | W581GY6095 | AWG22 1/0.65 SN 6 AUTO    | 0       | 0       |
| 78  | WIRE JUMPER    | JW535-537 | W581GY1005 | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 79  | WIRE JUMPER    | JW538     | W581GY12J5 | AWG22 1/0.65 SN 12.5 AUTO | 0       | 0       |
| 80  | WIRE JUMPER    | JW539     | W581GY1005 | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 81  | WIRE JUMPER    | JW540     | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 82  | WIRE JUMPER    | JW541-542 | W581GY1005 | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 83  | WIRE JUMPER    | JW543     | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 84  | WIRE JUMPER    | JW545     | W581GY1005 | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 85  | WIRE JUMPER    | JW547     | W581GY1005 | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 86  | WIRE JUMPER    | JW551     | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO  | 0       | 0       |
| 87  | WIRE JUMPER    | L501      | W581GY1005 | AWG22 1/0.65 SN 10 AUTO   | 0       | 0       |
| 88  | TR             | Q501      | TKSA928A-Y | KSA928A-Y                 | 0       | 0       |
| 89  | TR             | Q503      | TKSC2331Y- | KSC2331Y                  | 0       | 0       |
| 90  | TR             | Q510      | TKSA928A-Y | KSA928A-Y                 | 0       | 0       |
| 91  | R CARBON FILM  | R503      | RD-AZ152J- | 1/6 1.5K OHM J            | 0       | 0       |
| 92  | R CARBON FILM  | R504      | RD-AZ472J- | 1/6 4.7K OHM J            | 0       | 0       |
| 93  | R CARBON FILM  | R505-506  | RD-AZ229J- | 1/4 2.2 OHM J             | 0       | 0       |
| 94  | R CARBON FILM  | R507-508  | RD-AZ103J- | 1/6 10K OHM J             | 0       | 0       |
| 95  | R CARBON FILM  | R514      | RD-AZ103J- | 1/6 10K OHM J             | 0       | 0       |
| 96  | R CARBON FILM  | R515      | RD-AZ105J- | 1/6 1M OHM J              | 0       | 0       |
| 97  | R CARBON FILM  | R516-519  | RD-AZ104J- | 1/6 100K OHM J            | 0       | 0       |
| 98  | R CARBON FILM  | R520-526  | RD-AZ472J- | 1/6 4.7K OHM J            | 0       | 0       |
| 99  | R CARBON FILM  | R527      | RD-AZ473J- | 1/6 47K OHM J             | 0       | 0       |
| 100 | R CARBON FILM  | R528      | RD-AZ472J- | 1/6 4.7K OHM J            | 0       | 0       |
| 101 | R CARBON FILM  | R529-532  | RD-AZ473J- | 1/6 47K OHM J             | 0       | 0       |
| 102 | R CARBON FILM  | R533      | RD-AZ103J- | 1/6 10K OHM J             | 0       | 0       |
| 103 | R CARBON FILM  | R535      | RD-AZ103J- | 1/6 10K OHM J             | 0       | 0       |
| 104 | R CARBON FILM  | R537-538  | RD-AZ222J- | 1/6 2.2K OHM J            | 0       | 0       |
| 105 | R CARBON FILM  | R540      | RD-AZ223J- | 1/6 22K OHM J             | 0       | 0       |
| 106 | R CARBON FILM  | R541      | RD-AZ823J- | 1/6 82K OHM J             | 0       | 0       |
| 107 | R CARBON FILM  | R542      | RD-AZ473J- | 1/6 47K OHM J             | 0       | 0       |
| 108 | R CARBON FILM  | R543      | RD-AZ124J- | 1/6 120K OHM J            | 0       | 0       |
| 109 | R CARBON FILM  | R544      | RD-AZ104J- | 1/6 100K OHM J            | 0       | 0       |
| 110 | R CARBON FILM  | R545      | RD-AZ333J- | 1/6 33K OHM J             | 0       | 0       |
| 111 | R CARBON FILM  | R546      | RD-AZ104J- | 1/6 100K OHM J            | 0       | 0       |
| 112 | R CARBON FILM  | R547      | RD-AZ473J- | 1/6 47K OHM J             | 0       | 0       |
| 113 | R CARBON FILM  | R548      | RD-AZ823J- | 1/6 82K OHM J             | 0       | 0       |
| 114 | R CARBON FILM  | R549-550  | RD-AZ103J- | 1/6 10K OHM J             | 0       | 0       |
| 115 | R CARBON FILM  | R551      | RD-AZ102J- | 1/6 1K OHM J              | 0       | 0       |
| 116 | R CARBON FILM  | R552      | RD-AZ563J- | 1/6 56K OHM J             | 0       | 0       |
| 117 | R CARBON FILM  | R553      | RD-AZ223J- | 1/6 22K OHM J             | 0       | 0       |
| 118 | R CARBON FILM  | R554      | RD-AZ822J- | 1/6 8.2K OHM J            | 0       | 0       |
| 119 | R CARBON FILM  | R555      | RD-AZ153J- | 1/6 15K OHM J             | 0       | 0       |
| 120 | R CARBON FILM  | R556      | RD-AZ105J- | 1/6 1M OHM J              | 0       | 0       |
| 121 | R CARBON FILM  | R557      | RD-AZ683J- | 1/6 68K OHM J             | 0       | 0       |
| 122 | R CARBON FILM  | R558      | RD-AZ184J- | 1/6 180K OHM J            | 0       | 0       |
| 123 | R CARBON FILM  | R559      | RD-AZ183J- | 1/6 18K OHM J             | 0       | 0       |
| 124 | R CARBON FILM  | R560      | RD-AZ220J- | 1/6 22 OHM J              | 0       | 0       |
| 125 | R CARBON FILM  | R561      | RD-AZ101J- | 1/6 100 OHM J             | 0       | 0       |
| 126 | R CARBON FILM  | R562      | RD-AZ823J- | 1/6 82K OHM J             | 0       | 0       |
| 127 | R CARBON FILM  | R563-566  | RD-AZ563J- | 1/6 56K OHM J             | 0       | 0       |
| 128 | R CARBON FILM  | R567      | RD-AZ823J- | 1/6 82K OHM J             | 0       | 0       |
| 129 | SW PUSH LOCK   | SW500     | 5S40101A01 | R8120125                  | 0       | 0       |
| 130 | RESONATOR CERA | XC501     | 5PCST16R93 | CSTLS16M9X55-B0           | 0       | 0       |

| NO | PART-NAME       | LOCATION  | PART-CODE   | PART-DESC                         | MODEL   |         |
|----|-----------------|-----------|-------------|-----------------------------------|---------|---------|
|    |                 |           |             |                                   | RL-211W | RL-212W |
| 1  | AS PCB POWER    |           | 9CDC060700  |                                   | 0       |         |
| 2  | AS PCB POWER    |           | 9CDC061900  |                                   |         | 0       |
| 3  | PCB POWER       | B001      | 9CD6586300  | 123.5X98.5X1.6T                   | 0       | 0       |
| 4  | C CERA          | CC980     | CCZF1H103Z  | 50V F 0.01MF Z                    | 0       | 0       |
| 5  | C ELECTRO       | CE980     | CEYF1E102V  | 25V RSS 1000MF (13X20)            | 0       | 0       |
| 6  | C MYLAR         | CM906-908 | CMXM1H473J  | 50V 0.047MF J                     | 0       | 0       |
| 7  | C MYLAR         | CM910-911 | CMXM1H473J  | 50V 0.047MF J                     | 0       | 0       |
| 8  | CONN AS         | CN901     | 9728813200  | UL1617 #22 5P P=2.5X140M          | 0       |         |
| 9  | CONN AS         | CN901     | 9728813300  | UL1617 #22 6P P=2.5X140M          |         | 0       |
| 10 | CORD AC         | CN902     | 9736909300  | KKP 419C KLCE-2F 0.75 SQUARE 2.54 | 0       | 0       |
| 11 | CORD AC         | CW902     | 9736909300  | KKP 419C KLCE-2F 0.75 SQUARE 2.54 | 0       | 0       |
| 12 | DIODE           | D901-904  | DRL202----  | RL202                             | 0       | 0       |
| 13 | DIODE           | D906-907  | DZN4002A--  | 1N4002A AUTO 52MM                 | 0       | 0       |
| 14 | DIODE           | D980-982  | D1N4001---- | 1N4001                            | 0       | 0       |
| 15 | DIODE           | D984-985  | D1N4001---- | 1N4001                            | 0       | 0       |
| 16 | FUSE GLASS TUBE | F901      | 5FSGB3112L  | SEMKO TL 0.315A 250V MF51         | 0       |         |
| 17 | FUSE GLASS TUBE | F901      | 5FSGB4012L  | SEMKO TL 0.400A 250V MF51         |         | 0       |
| 18 | CLIP FUSE       | FC901-902 | 9734600700  | FC-SN                             | 0       | 0       |
| 19 | IC REGULATOR    | IC980     | 1KA78L05AZ  | KA78L05AZ                         | 0       | 0       |
| 20 | WIRE JUMPER     | JW902     | W581GY6095  | AWG22 1/0.65 SN 6 AUTO            | 0       | 0       |
| 21 | WIRE JUMPER     | JW905-906 | W581GY17J5  | AWG22 1/0.65 SN 17.5 AUTO         | 0       | 0       |
| 22 | WIRE JUMPER     | JW907     | W581GY12J5  | AWG22 1/0.65 SN 12.5 AUTO         | 0       | 0       |
| 23 | WIRE JUMPER     | JW908     | W581GY7595  | AWG22 1/0.65 SN 7.5 AUTO          | 0       |         |
| 24 | WIRE JUMPER     | JW909     | W581GY12J5  | AWG22 1/0.65 SN 12.5 AUTO         | 0       |         |
| 25 | TRANS POWER     | PT901     | 5TP8057861  | EI=57 230V 50HZ                   | 0       |         |
| 26 | TRANS POWER     | PT901     | 5TP8066868  | EI=66 230V 50HZ                   |         | 0       |
| 27 | TRANS POWER     | PT980     | 5TP8028829  | EI=28X12 230V 50HZ                | 0       | 0       |
| 28 | TR              | Q981      | TZTC3205Y-  | KTC3205Y (2236Y)                  | 0       | 0       |
| 29 | R METAL FILM    | R980      | RN-2Y475J-  | 1/2 4.7M OHM J                    | 0       | 0       |
| 30 | R CARBON FILM   | R981      | RD-4Z101J-  | 1/4 100 OHM J                     | 0       | 0       |
| 31 | R CARBON FILM   | R982-983  | RD-AZ103J-  | 1/6 10K OHM J                     | 0       | 0       |
| 32 | R FUSIBLE       | RF901-902 | RF01F4780J  | 0.47 OHM 1W 32D                   | 0       | 0       |
| 33 | SW RELAY        | RY980     | 5SC2001A01  | SDT-S-105LMR                      | 0       | 0       |

# Electrical Parts List(Optional Parts List)

Model : XL-211/212W

## 1.MODEL OPTION(R705)

### PCB FRONT AS

| R705       | JUMPER | 330    | 680    | 1.2K   | 1.8K  | 2.7K | 3.9K  | 6.8K |
|------------|--------|--------|--------|--------|-------|------|-------|------|
| CASS. DECK | A/S    | A/S    | A/R    | A/R    | A/S   | A/S  | A/R   | A/R  |
| PSM        | ST-BY  | PSM    | ST-BY  | PSM    | ST-BY | PSM  | ST-BY | PSM  |
| CD PICK UP | S.SUNG | S.SUNG | S.SUNG | S.SUNG | SONY  | SONY | SONY  | SONY |

cf. A/S : AUTO STOP DECK      A/R : AUTO REVERSE DECK

ST-BY : STAND-BY MODE      PSM : POWER SAVE MODE      S.SUNG : SAMSUNG

## 2. POWER SAVE OPTION

### PCB FRONT AS

| LOC   | PART NAME     | WITHOUT POWER SAVE | WITH POWER SAVE                     |
|-------|---------------|--------------------|-------------------------------------|
| JW712 | WIRE JUMPER   | X                  | W581GY7595 AWG22 1/0.65 SN 7.5 AUTO |
| LD710 | LED           | X                  | DLTL307EE- LTL-307EE(RED) PI5       |
| Q706  | TR            | X                  | TZRC111M-- KRC111M(AUTO)            |
| R735  | R CARBON FILM | X                  | RD-AZ392J- 1/6W 3.9K JJ             |
| R736  | R CARBON FILM | X                  | RD-AZ561J- 1/6W 560 JJ              |
| R705  | R CARBON FILM |                    | MODEL OPTION                        |

### PCB MAIN AS

| LOC   | PART NAME  | WITHOUT POWER SAVE | WITH POWER SAVE                      |
|-------|------------|--------------------|--------------------------------------|
| CW901 | CONN WAFER | 3P(S/N:972881300)  | 9728813200 UL1617 #22 5P P=2.5X150MM |
| D905  | DIODE      | 10 MM JUMPER       | DZN4148--- 1N4148 AUTO 52MM          |
| JW905 | JUMPER     | X                  | W581GY6095 AWG22 1/0.65 SN 6 AUTO    |

### PCB P/T AS

| LOC   | PART NAME     | WITHOUT POWER SAVE | WITH POWER SAVE                      |
|-------|---------------|--------------------|--------------------------------------|
| CC980 | C CERA        | X                  | CCXF1H103Z 50V F 0.01MF Z (TAPPING)  |
| CE980 | C ELECTRO     | X                  | CEYF1E102V 25V RSS 1000MF (13X20)    |
| CM910 | C MYLAR       | X                  | CMXM1H473J 50V 0.047MF               |
| CM911 | C MYLAR       | X                  | CMXM1H473J 50V 0.047MF               |
| D980  | DIODE         | X                  | D1N4001--- 1N4001                    |
| D981  | DIODE         | X                  | D1N4001--- 1N4001                    |
| D982  | DIODE         | X                  | D1N4001--- 1N4001                    |
| D983  | DIODE         | X                  | D1N4001--- 1N4001                    |
| D984  | DIODE         | X                  | D1N4001--- 1N4001                    |
| D985  | DIODE         | X                  | D1N4001--- 1N4001                    |
| IC980 | IC            | X                  | 1KA78L05AZ KA78L05AZ                 |
| JW903 | WIRE JUMPER   | O(6 MM JUMPER)     | X                                    |
| JW905 | WIRE JUMPER   | X                  | W581GY17J5 AWG22 1/0.65 SN 17.5 AUTO |
| JW906 | WIRE JUMPER   | X                  | W581GY17J5 AWG22 1/0.65 SN 17.5 AUTO |
| PT980 | TRANS POWER   | X                  | 5TP8028829 EI=28X12 230V 50HZ        |
| Q981  | TR            | X                  | TZTC3205Y- KTC3205Y (2236Y)          |
| RY980 | SW RELAY      | X                  | 5SC2001A01 SDT-S-105LMR              |
| R981  | R CARBON FILM | X                  | RD-4Z101J- 1/4 100 OHM J             |
| R982  | R CARBON FILM | X                  | RD-AZ103J- 1/6W 10K JJ               |
| R983  | R CARBON FILM | X                  | RD-AZ103J- 1/6W 10K JJ               |

## 3. FTZ OPTION

### PCB MAIN AS

| LOC   | PART NAME    | SIMPLE     | FULL FTZ                        |
|-------|--------------|------------|---------------------------------|
| 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(Optional Parts List)

Model : XL-211/212W

## 4. RDS OPTION

### PCB FRONT AS

| LOC   | PART NAME   | WITHOUT RDS | WITH RDS   |                         |
|-------|-------------|-------------|------------|-------------------------|
| JW705 | WIRE JUMPER | X           | W581GY1005 | AWG22 1/0.65 SN 10 AUTO |
| JW706 | WIRE JUMPER | X           | W581GY1005 | AWG22 1/0.65 SN 10 AUTO |
| R750  | WIRE JUMPER | X           | W581GY1005 | AWG22 1/0.65 SN 10 AUTO |
| R751  | WIRE JUMPER | X           | W581GY1005 | AWG22 1/0.65 SN 10 AUTO |

\* BAND OPTION R706 : 22K

### PCB MAIN AS

| LOC   | PART NAME     | WITHOUT RDS | WITH RDS   |                          |
|-------|---------------|-------------|------------|--------------------------|
| CC270 | C CERA        | X           | CCXB1H331K | 50V B 330PF K            |
| CC272 | C CERA        | X           | CCXF1H103Z | 50V F 0.01MF Z           |
| CC276 | C CERA        | X           | CXCH1H220J | 50V CH 22PF J            |
| CC277 | C CERA        | X           | CXCH1H220J | 50V CH 22PF J            |
| CE270 | C ELEC        | X           | CEXF1H100V | 50V RSS 10MF (5X11)      |
| CE271 | C ELEC        | X           | CEXF1H100V | 50V RSS 10MF (5X11)      |
| IC270 | IC            | X           | 1LC72723M- | LC72723M                 |
| JW219 | JUMPER        | X           | W581GY7595 | AWG22 1/0.65 SN 7.5 AUTO |
| L270  | COIL PEAKING  | X           | 5CPZ100K02 | 10UH K (AXIAL 3.5MM)     |
| R270  | R CARBON FILM | X           | RD-AZ470J- | 1/6W 47 OHM J            |
| R271  | R CARBON FILM | X           | RD-AZ103J- | 1/6W 10KOHM J            |
| R272  | R CARBON FILM | X           | RD-AZ103J- | 1/6W 10KOHM J            |
| XC270 | X-TAL         | X           | 5XA4R332M- | 4.332M                   |

## 5.TUNER BAND OPTION(R706)

### PCB FRONT AS

|    | Function | AM1     | AM2     | E/2B    | JAPAN  | ASIA1/12 | ASIA2/24 | CIS      | S/AM    | E2-2    |
|----|----------|---------|---------|---------|--------|----------|----------|----------|---------|---------|
| NO | RDS      |         |         |         |        |          |          |          |         | O       |
|    | BAND     | FM/AM   | FM/AM   | FM/MW   | FM/AM  | FM/AM    | FM/AM    | FM/FM/MW | FM/AM   | FM/MW   |
|    | 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  | R706     | JW      | 330     | 1.2K    | 1.8K   | 2.7K     | 3.9K     | 6.8K     | 10K     | 22K     |
| CH | 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      |
|    | 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        | 520KHz  | 520KHz  | 522KHz  | 522KHz | 522KHz   | 522KHz   | 87.5MHz  | 520KHz  | 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     |         |         |

# Electrical Parts List(Optional Parts List)

Model : XL-211/212W

## 6.POWER OPTION

### PCB FRONT AS

| LOC  | PART NAME     | EUROPE (230V) | AMREICA (120V) | DUAL (230V/115V) | REMARK |
|------|---------------|---------------|----------------|------------------|--------|
| R706 | R CARBON FILM | BAND OPTION   |                |                  |        |

### PCB MAIN AS

| LOC   | PART NAME     | EUROPE (230V)        | AMREICA (120V)       | DUAL (230V/115V)     | REMARK |
|-------|---------------|----------------------|----------------------|----------------------|--------|
| CF001 | FILTER CERA   | 10.7MJA              | 10.7MA5              | ←                    |        |
| CF002 | FILTER CERA   | 10.7MJA              | 10.7MA5              | ←                    |        |
| CM200 | C MYLAR       | 153                  | 223                  | 223                  |        |
| CM201 | C MYLAR       | 153                  | 223                  | 223                  |        |
| CW901 | CONN WAFER    | 5P                   | 3P                   | ←                    | 211W   |
| CW901 | CONN WAFER    | 6P                   | 4P                   | ←                    | 212W   |
| J001  | JACK ANTENNA  | 9736324900           | X                    | X                    |        |
| JW108 | JUMPER        | O                    | X                    | X                    |        |
| JW121 | JUMPER        | JW(10MM)             | ←                    | 4.7M                 |        |
| JW418 | JUMPER        | O                    | X                    | X                    |        |
| JW904 | JUMPER        | O                    | X                    | X                    |        |
| JW905 | JUMPER        | O                    | X                    | X                    |        |
| R001  | R CARBON FILM | X                    | X                    | 4.7M                 |        |
| TU001 | PACK TUNER    | 9737613500<br>4-GANG | 9737613201<br>3-GANG | 9737613801<br>2-GANG |        |
|       | ANT FM        | 9736806000           | 9736806100           | ←                    |        |

### PCB P/T AS

| LOC   | PART NAME   | EUROPE (230V)        | AMREICA (120V)    | DUAL (230V/115V)     | REMARK |
|-------|-------------|----------------------|-------------------|----------------------|--------|
| CN902 | AC CORD     | 9736909300           | 9736909400        | 9736909300           |        |
| CN901 | CONN        | 9728813200           | 9728813000        | ←                    | 211W   |
| CN901 | CONN        | 9728813300           | 9728813100        | ←                    | 212W   |
| F901  | FUSE        | T 315mA<br>VDE/SEMKO | X                 | T 315mA<br>VDE/SEMKO | 211W   |
| F901  | FUSE        | T 400mA<br>VDE/SEMKO | X                 | T 400mA<br>VDE/SEMKO | 212W   |
| F902  | FUSE        | X                    | T 500mA<br>UL/CSA | T 500mA<br>UL/CSA    | 211W   |
| F902  | FUSE        | X                    | T 800mA<br>UL/CSA | T 800mA<br>UL/CSA    | 212W   |
| FC901 | CLIP FUSE   | O                    | X                 | O                    |        |
| FC902 | CLIP FUSE   | O                    | X                 | O                    |        |
| FC903 | CLIP FUSE   | X                    | O                 | O                    |        |
| FC904 | CLIP FUSE   | X                    | O                 | O                    |        |
| JW901 | JUMPER      | X                    | O                 | X                    |        |
| JW902 | JUMPER      | O                    | X                 | X                    |        |
| JW904 | JUMPER      | X                    | O                 | O                    |        |
| PT901 | POWER TRANS | 5TP8057861           | 5TP8057862        | 5TP8057863           | 211W   |
| PT901 | POWER TRANS | 5TP8057868           | 5TP8057869        | 5TP8057870           | 212W   |
| SW901 | SW VOL SEL  | X                    | X                 | 5S30102361           |        |