

# DAEWOO

## Service Manual

### MINI COMPONENT SYSTEM

Model : AMI-516DP / 516DPR  
AMI-517DP / 517DPR



DAEWOO ELECTRONICS CO., LTD.

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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> |  |
| <p><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.</p>                                         |                                                                        |                                                                                   |
| <p>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.</p> |                                                                        |                                                                                   |
| <p>THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.</p>                                         |                                                                        |                                                                                   |

## **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.

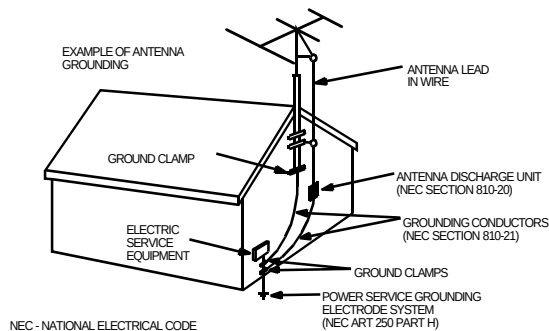
## **PORTABLE CART**



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 - 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.

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. TUNER SECTION

### TEST EQUIPMENT

1. Signal Generator with a frequency range of FM broadcast.
2. Oscilloscope with a side amplifier of approximately 100 KHz.
3. FM 75/50Ω dummy antenna.
4. VTVM

### FM ALIGNMENT

1. Turn on the FM signal generator and the VTVM allowing 15 minutes warming-up period.
2. Connect the VTVM across the headphone jack or speaker terminal.
3. Set signal generator frequency as listed in ALIGNMENT CHART and maintain a sufficient output level to provide an indication on VTVM.

### NOTE

1. Use a screwdriver with plastic or ceramic grip for all adjustments.
2. Standard test frequency 1 KHz and deviation 75 KHz for FM.

### - FM RF, IF ALIGNMENT CHART -

| Step | Item                  | Input Circuit Setup                                       | Output Circuit Setup                  | Tuner Setting                   | Adjust Point | Adjustment                                                                                     |
|------|-----------------------|-----------------------------------------------------------|---------------------------------------|---------------------------------|--------------|------------------------------------------------------------------------------------------------|
| 1    | FM IF Adjustment      | Connect stereo signal generator to FM ANT terminal (J001) | Connect DC voltmeter to edge R201     | FM98MHz75KHz<br>Dev. 26dBμ      | L203         | Adjust for DC 0V±0.1V                                                                          |
| 2    | Auto Stop Sensitivity | Connect stereo signal generator to FM ANT terminal (J001) | Connect DC voltmeter to edge of RV201 | FM 98MHz<br>75KHz Dev.<br>26dBμ | RV201        | Adjust for DC 1.17V±0.02V<br>Confirm stereo indicator is lighted and L/R channel is separated. |

Unless other specified set being switched FM mode, adjust generator's frequency to center of the FM band where no FM broadcast exists. Otherwise adjustment of FM usable sensitivity, frequency range for FM band are not needed, but confirm these data are satisfied with specification.

CAUTION : When realigning the FM receiving frequency the highest end of the frequency range should not be more than 108 MHz and the lowest end of the frequency range should not be less than 87.5 MHz, in order to comply with FTZ regulation in West Germany.

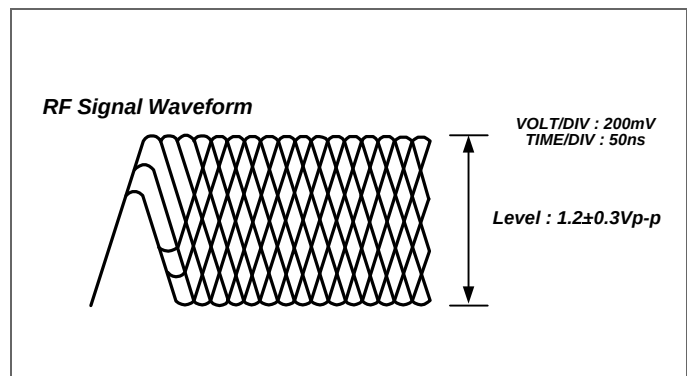
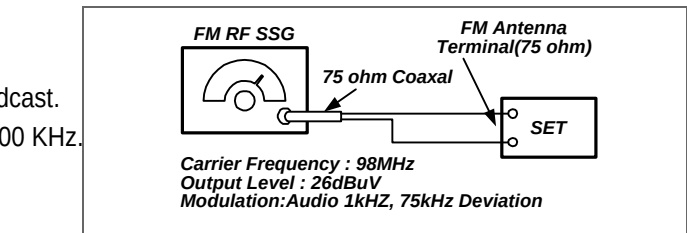
## 2. CD SECTION

**Note:** 1. Use the oscilloscope with more than 10MW impedance.

2. Clean an object lens by an applicator with natural detergent when the signal level is lower than specified value with the following checks.

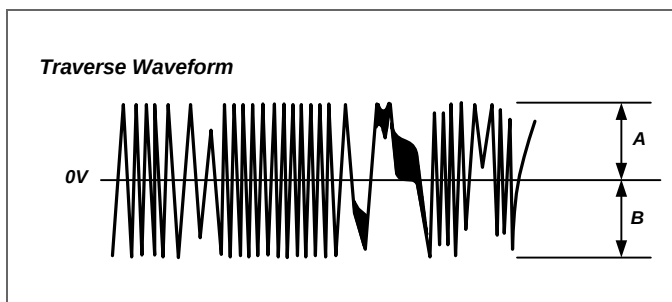
### RF LEVEL CHECK

1. Connect oscilloscope to test point TP502 and IC502 Pin66 on CD PCB.
2. Press power switch on.
3. Put test disc(TCD-781) in and press play button then pause button.
4. Confirm that oscilloscope waveform is clear. Clear RF signal waveform means that the shape"#"can be clearly distinguished at the center of waveform.
5. Adjust RV501 to get a clear waveform and maximum amplitude.

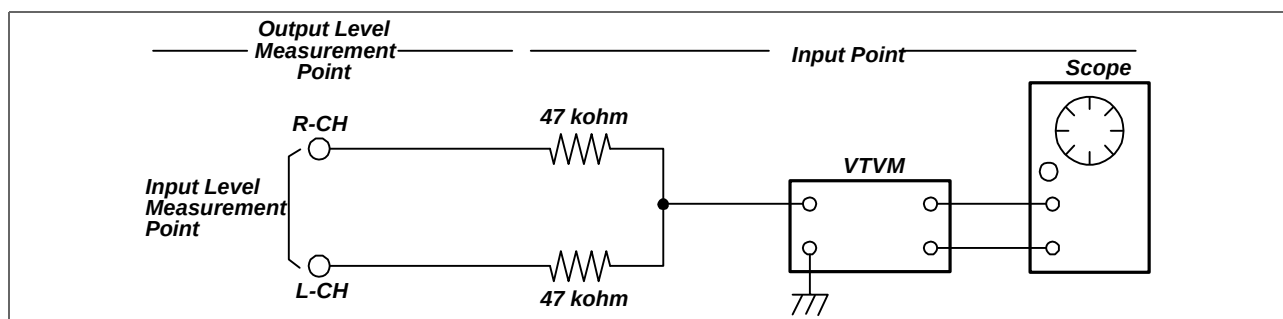


**E-F BALANCE ADJUSTMENT**

1. Connect oscilloscope to test point TP502 and TP503 on CD PCB.
2. Press power switch on.
3. Put test disc(TCD-781) in and press play button then pause button.
4. Pressing Fast Forward button, adjust RV502 to get that the oscilloscope waveform is symmetrical on the bottom in relation to 0V, and check this level.



\* Design and specifications may be subject to change without notice.

**3. 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)**

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

**RECORDING BIAS OSCILLATOR FREQUENCY ADJUSTMENT**

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

## ADJUSTMENTS

| TAPE ALIGNMENT CHART |                                                |        |                               |           |              |                      |                                                                            |           |
|----------------------|------------------------------------------------|--------|-------------------------------|-----------|--------------|----------------------|----------------------------------------------------------------------------|-----------|
| Step                 | Item                                           |        | Reference Value               | Test Tape | Adjust Point | Test Point           | Note                                                                       | FIG.      |
| 1                    | Tape Speed Adjustment                          | Normal | 3,015~3,025Hz                 | MTT-111N  | RV601        | Line Out L/R Channel | Confirm Wow & Flutter is within 0.35%                                      | FIG.1     |
|                      |                                                |        | 3,000~3,010Hz                 | MTT-111N  | RV601        | Line Out L/R Channel | Confirm Tape Speed of end position after adjustment at tape start position | FIG.1     |
|                      |                                                | High   | 5,820~6,180Hz                 | MTT-111N  | -----        | Shorted TP601, TP602 | Confirm High speed after normal speed adjustment                           | FIG.1     |
| 2                    | Azimuth Adjustment                             |        | Maximum Level Phase:Within90° | MTT-114N  | Head Screw   | Line Out L/R Channel |                                                                            | FIG.2,3,4 |
| 3                    | Recording Bias Oscillator Frequency Adjustment |        | 80 KHz±0.5                    | MTT-5511  | L603         | TP603,GND            | Adjust with frequency counter connected.                                   | FIG.1     |

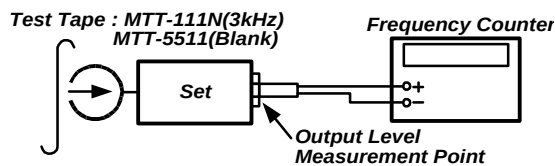


FIG. 1 : Tape Speed & Record Bias Oscillator Frequency Adjust Circuit

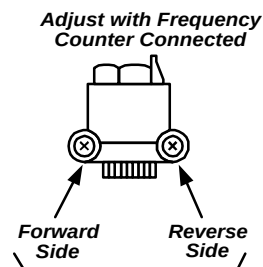


FIG. 2 : Tape Azimuth Adjust Location (Record/Playback Head)

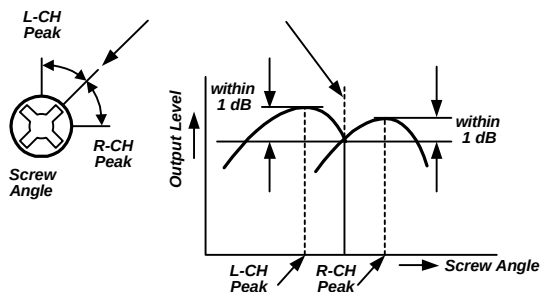


FIG. 3 : Tape Azimuth Adjust Head Screw & Waveform

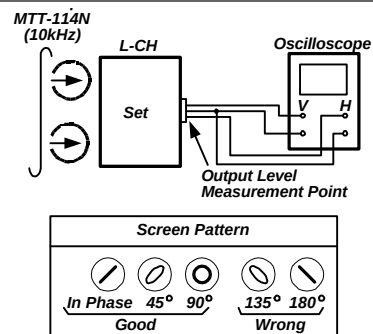
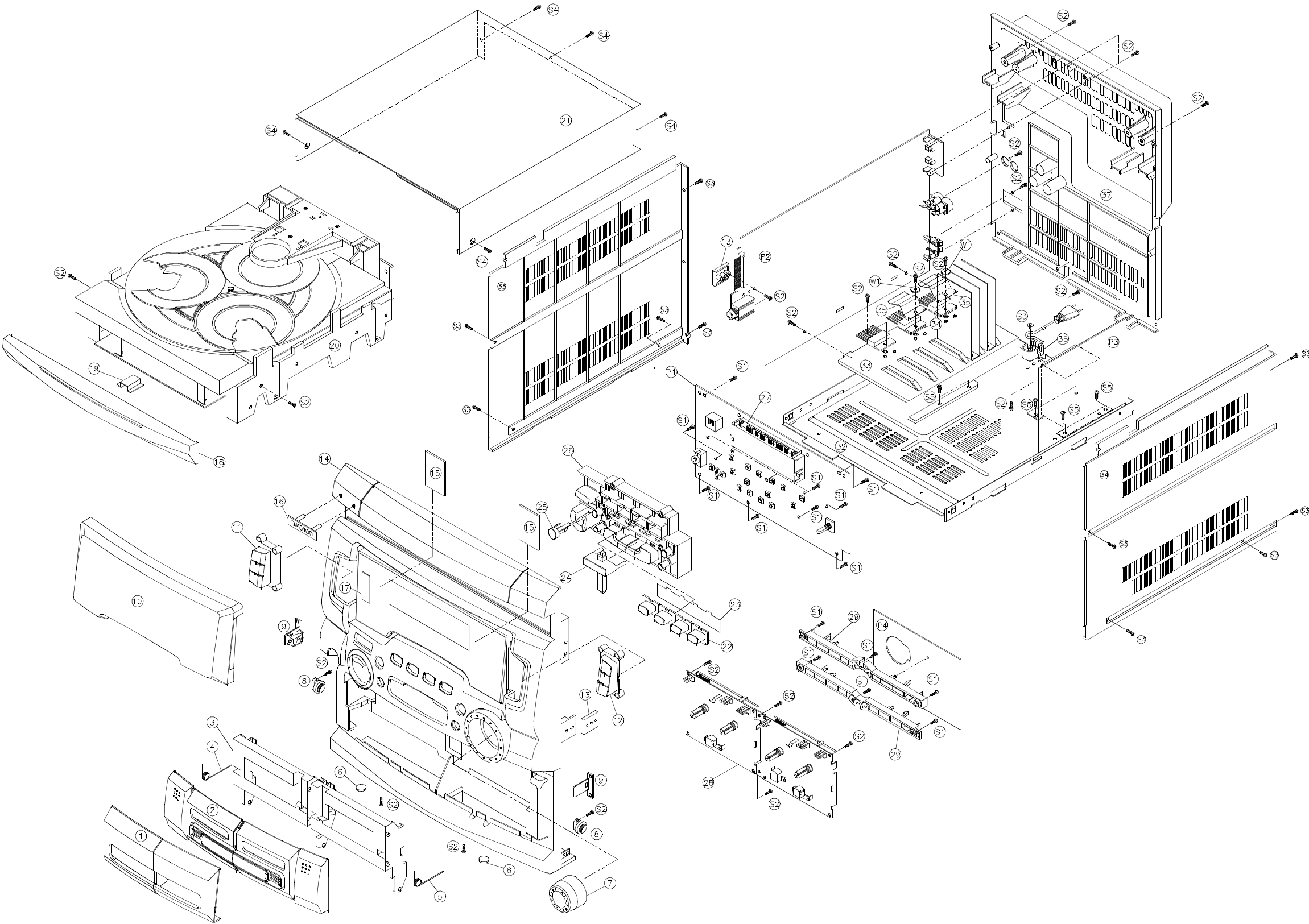


FIG. 4 : Tape Azimuth Adjust Circuit & Waveform

# EXPLODED VIEW AND PARTS LIST

## 1. AMI- 516DP / 516DPR

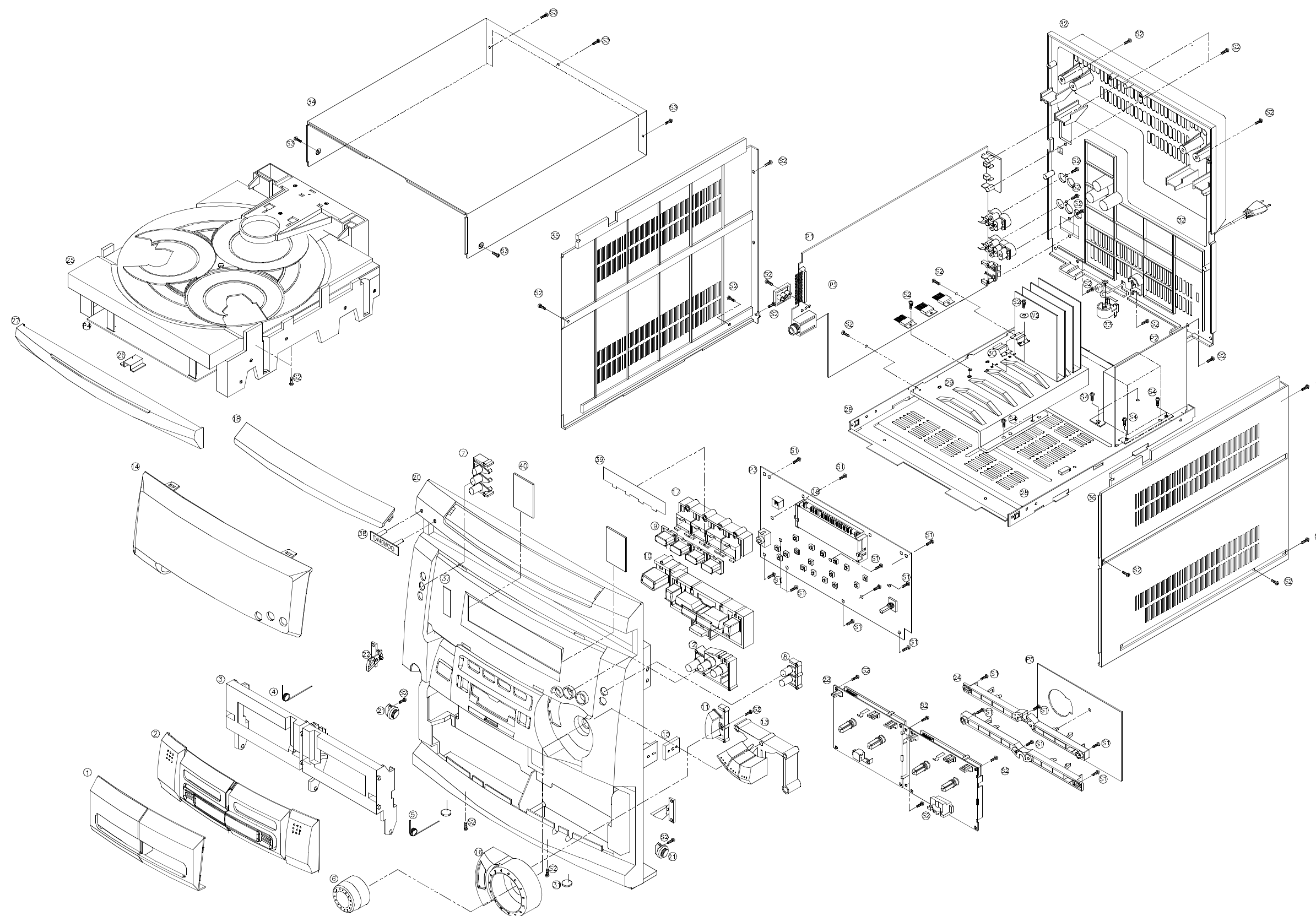


EXPLODED VIEW AND PARTS LIST

| No. | Parts Name          | Parts Code | Description         | Q'ty |
|-----|---------------------|------------|---------------------|------|
| 1   | WINDOW DOOR A/B     | 9CD1613900 | ACRYL               | 1    |
|     |                     | 9CD1614000 | ACRYL               | 1    |
| 2   | COVER DOOR A/B      | 9CD0410200 | MIPS                | 1    |
|     |                     | 9CD0410300 | MIPS                | 1    |
| 3   | DOOR FRAME A/B      | 9CD1809400 | MIPS                | 1    |
|     |                     | 9CD1809500 | MIPS                | 1    |
| 4   | SPRING DOOR EJECT L | 9CD30078L0 | STS                 | 1    |
| 5   | SPRING DOOR EJECT R | 9CD30078R0 | STS                 | 1    |
| 6   | CUSHION FOOT        | 9CD4207700 | URETHAN FOAM RUBBER | 2    |
| 7   | KNOB VOLUME         | 9CD1334400 | ABS                 | 1    |
| 8   | DAMPER ASSY         | 9CDM029800 |                     | 2    |
| 9   | LOCKER ASSY         | 9CDM029900 |                     | 2    |
| 10  | WINDOW FLT          | 9CD1614100 | ACRYL               | 1    |
| 11  | KNOB EQ L           | 9CD1335300 | ABS                 | 1    |
| 12  | KNOB EQ R           | 9CD1335400 | ABS                 | 1    |
| 13  | BRKT SIDE           | 9CD2412900 | ABS                 | 2    |
| 14  | PANEL FRONT         | 9CD0306000 | MIPS                | 1    |
| 15  | PLATE FLT           | 9CD0909800 | PVC SHEET (T=1.0)   | 2    |
| 16  | BADGE DAEWOO        | 9CD1500900 | ABS                 | 1    |
| 17  | PLATE FUNCTION      | 9CD0910000 | PVC SHEET (T=1.0)   | 1    |
| 18  | DOOR CD             | 9CD1809300 | MIPS                | 1    |
| 19  | HEAT SINK           | 9CD4402800 | BSP                 | 1    |
| 20  | CD MECHANISM        | 9CD6006900 |                     | 1    |
| 21  | COVER TOP           | 9CD0409600 | MIPS                | 1    |
| 22  | KNOB FUNCTION       | 9CD1335100 | ACRYL               | 1    |
| 23  | PLATE FILTER        | 9CD0909900 | PC SHEET (T=0.2)    | 1    |
| 24  | KNOB CD PLAY        | 9CD1335700 | ABS                 | 1    |
| 25  | KNOB PLAY MODE      | 9CD1335800 | ABS                 | 1    |
| 26  | KNOB CONTROL        | 9CD1335000 | ABS                 | 1    |
| 27  | GUIDE FLT           | 9CD2505600 | ABS                 | 1    |
| 28  | CASS DECK           | 9CD6007000 | S/S ADR 2138MW      | 1    |
| 29  | HOLDER PCB DECK     | 9CD2303600 | MIPS                | 2    |
| 30  | COVER SIDE L        | 9CD0409900 | MIPS                | 1    |
| 31  | COVER SIDE R        | 9CD0401000 | MIPS                | 1    |
| 32  | CHASSIS BOTTOM      | 9CD0607100 | SECC                | 1    |
| 33  | HEAT SINK DP1       | 9CD4405200 | AL                  | 1    |
| 34  | RUBBER SILICON      | 9CD4207900 | RUBBER              | 2    |
| 35  | BRKT HEAT SINK      | 9CD2414400 | STS                 | 1    |

| No. | Parts Name     | Parts Code | Description     | Q'ty |
|-----|----------------|------------|-----------------|------|
| 36  | HOLDER AC CODE | 9CD2303300 | ABS             | 1    |
| 37  | COVER BACK     | 9CD0409801 | MIPS            | 1    |
| S1  | SCREW          |            | TT2 BIN 2.6X10  | 13   |
| S2  | SCREW          |            | TT2 BIN 3X10    | 39   |
| S3  | WASHER SCREW   |            | TT2 BIN 3X10    | 5    |
| S4  | SCREW          |            | TT2 BIN 3X12 BK | 6    |
| S5  | SCREW          |            | TT2 BIN 4X6     | 6    |
| P1  | PCB FRONT      |            |                 | 1    |
| P2  | PCB MAIN       |            |                 | 1    |
| P3  | PCB POWER      |            |                 | 1    |
| P4  | PCB DECK       |            |                 | 1    |

## 2. AMI-517DP / 517DPR



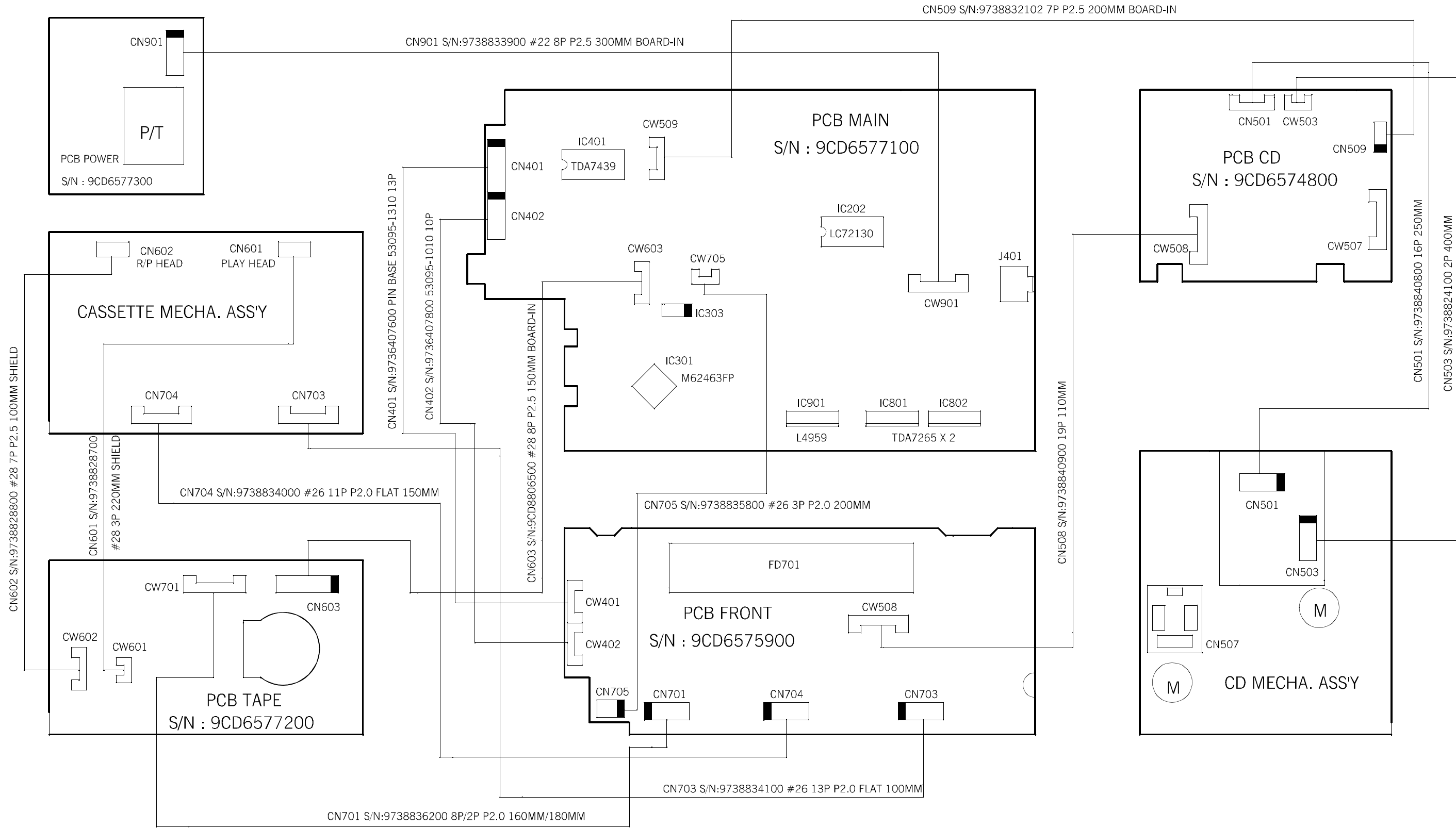
## EXPLODED VIEW AND PARTS LIST

| NO. | PARTS NAME          | PARTS NO.  | DESCRIPTIONS                | Q'TY |
|-----|---------------------|------------|-----------------------------|------|
| 1   | WINDOW DOOR A/B     | 9CD1613900 | ACRYL                       | 1    |
|     |                     | 9CD1614000 | ACRYL                       | 1    |
| 2   | COVER DOOR A/B      | 9CD0410200 | MIPS                        | 1    |
|     |                     | 9CD0410300 | MIPS                        | 1    |
| 3   | DOOR FRAME A/B      | 9CD1809400 | ABS                         | 1    |
|     |                     | 9CD1809500 | ABS                         | 1    |
| 4   | SPRING DOOR EJECT L | 9CD30078L0 | SUS D0.8                    | 1    |
| 5   | SPRING DOOR EJECT R | 9CD30078R0 | SUS D0.8                    | 1    |
| 6   | KNOB VOLUME         | 9CD1334400 | ABS                         | 1    |
| 7   | KNOB EQ             | 9CD1334600 | ABS                         | 1    |
| 8   | KNOB OPEN           | 9CD1335900 | ABS                         | 1    |
| 9   | KNOB FUNCTION       | 9CD1334300 | ACRYL CLEAR                 | 4    |
| 10  | KNOB MODE           | 9CD1334900 | ABS                         | 1    |
| 11  | KNOB SUPER          | 9CD1334500 | ABS                         | 1    |
| 12  | KNOB DISC           | 9CD1334200 | ACRYL MILKY                 | 1    |
| 13  | KNOB REC            | 9CD1334700 | ABS                         | 1    |
| 14  | WINDOW FLT          | 9CD1613700 | ACRYL                       | 1    |
| 15  | BRKT.SIDE           | 9CD2412900 | ABS 1.5GR                   | 2    |
| 16  | DECO VR             | 9CD1002400 | MIPS                        | 1    |
| 17  | COVER LED           | 9CD0409700 | MIPS WHITE                  | 1    |
| 18  | WINDOW DECO         | 9CD1613800 | ACRYL SMOG                  | 1    |
| 19  | GUIDE FLT           | 9CD2505900 | ABS,                        | 1    |
| 20  | PANEL FRONT         | 9CD0305900 | MIPS                        | 1    |
| 21  | DAMPER ASSY         | 9CDM029800 | ABS/ACETAL                  | 2    |
| 22  | LOCKER ASSY         | 9CDM029900 | ABS/ACETAL                  | 2    |
| 23  | CASS.DECK(A/S)      | 9CD6007000 | S/S ADR-2138MW              | 1    |
| 24  | HOLDER PCB DECK     | 9CD2303600 | MIPS 16.5GR(AMI-917L)       | 2    |
| 25  | CD DECK MECHA.      | 9CD6006900 | DCC-01B                     | 1    |
| 26  | HEAT SINK           | 9CD4402800 | BSP 0.5T                    | 1    |
| 27  | DOOR CD             | 9CD1809300 | MIPS                        | 1    |
| 28  | CHASSIS BOTTOM      | 9CD0607100 | SECC                        | 1    |
| 29  | HEAT SINK DP1       | 9CD4405200 | AL                          | 1    |
| 30  | BRKT.HEAT SINK      | 9CD2414400 | SUS T0.4(AMI-317L)          | 1    |
| 31  | CUSHION FOOT        | 9CD4207700 | URETHAN FOAM RUBBER         | 2    |
| 32  | COVER BACK          | 9CD0409809 | MIPS (AMII-517L)            | 1    |
| 33  | HOLDER AC CORD      | 9CD2303300 | ABS 4.0GR(AMI-717/817/917L) | 1    |
| 34  | COVER TOP           | 9CD0409600 | MIPS(AMI-317L,AMI-717L)     | 1    |
| 35  | COVER SIDE L        | 9CD0409900 | MIPS                        | 1    |

| NO. | PARTS NAME     | PARTS NO.  | DESCRIPTIONS                 | Q'TY |
|-----|----------------|------------|------------------------------|------|
| 36  | COVER SIDE R   | 9CD0401000 | MIPS                         | 1    |
| 37  | PLATE FUNCTION | 9CD0910000 | PVC SHEET T0.5               | 1    |
| 38  | BADGE DAEWOO   | 9CD1500900 | ABS HOT STAMPING             | 1    |
| 39  | FILTER LED     | 9CD4700700 | PC 0.15T (AMI-817L,AMI-917L) | 1    |
| 40  | PLATE FLT      | 9CD0909800 | PVC SHEET T1.0               | 2    |
| P1  | PCB MAIN       | 9CD6577100 | AMI-517L                     | 1    |
| P2  | PCB POWER      | 9CD6577300 | AMI-917L                     | 1    |
| P3  | PCB FRONT      | 9CD6575900 | AMI-517L                     | 1    |
| P4  | PCB CD         | 9CD6574800 | AMI-317,717,817,917L         | 1    |
| P5  | PCB DECK       | 9CD6577200 | AMI-517L                     | 1    |
| S1  | SCREW TAPTTITE | 7173261011 | TT2 BIN 2.6X10 MFZN          | 17   |
| S2  | SCREW TAPTTITE | 7173301012 | TT2 BIN 3.0X10 BK            | 33   |
|     |                | 7173301011 | TT2 BIN 3.0X10 MFZN          |      |
| S3  | SCREW TAPTTITE | 7173301212 | TT2 BIN 3.0X12 BK            | 5    |
| S4  | SCREW TAPTTITE | 7173400611 | TT2 BIN 4X6 MFZN             | 6    |
| W1  | WASHER SCREW   | 9CD3102400 | TT2 BIN 3X10 + D14           | 1    |
| W2  | WASHER PLAIN   | 7400103211 | PW-1-3.2 MFZN                | 2    |

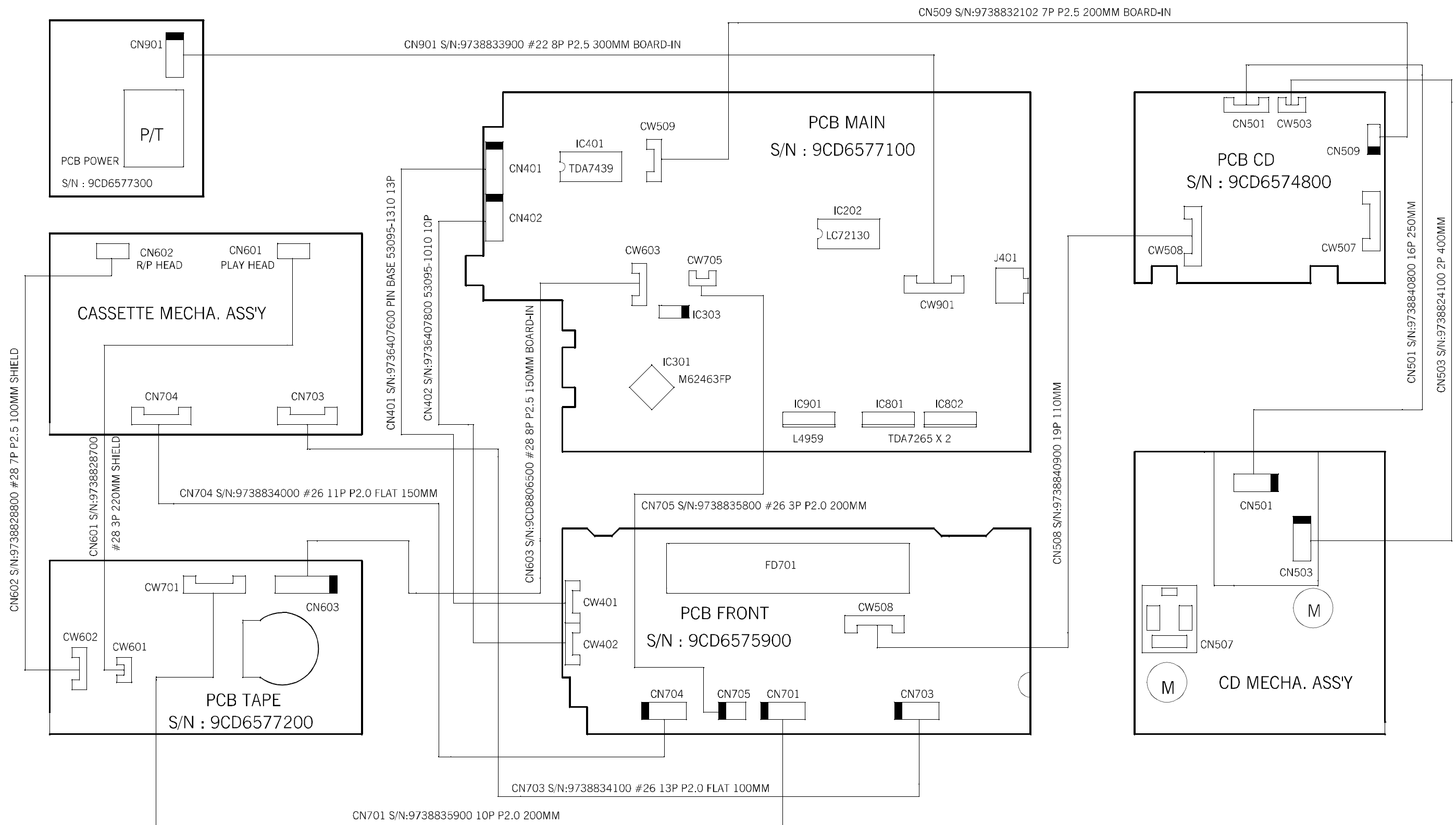
# WIRING DIAGRAM

AMI-516DP / 516DPR



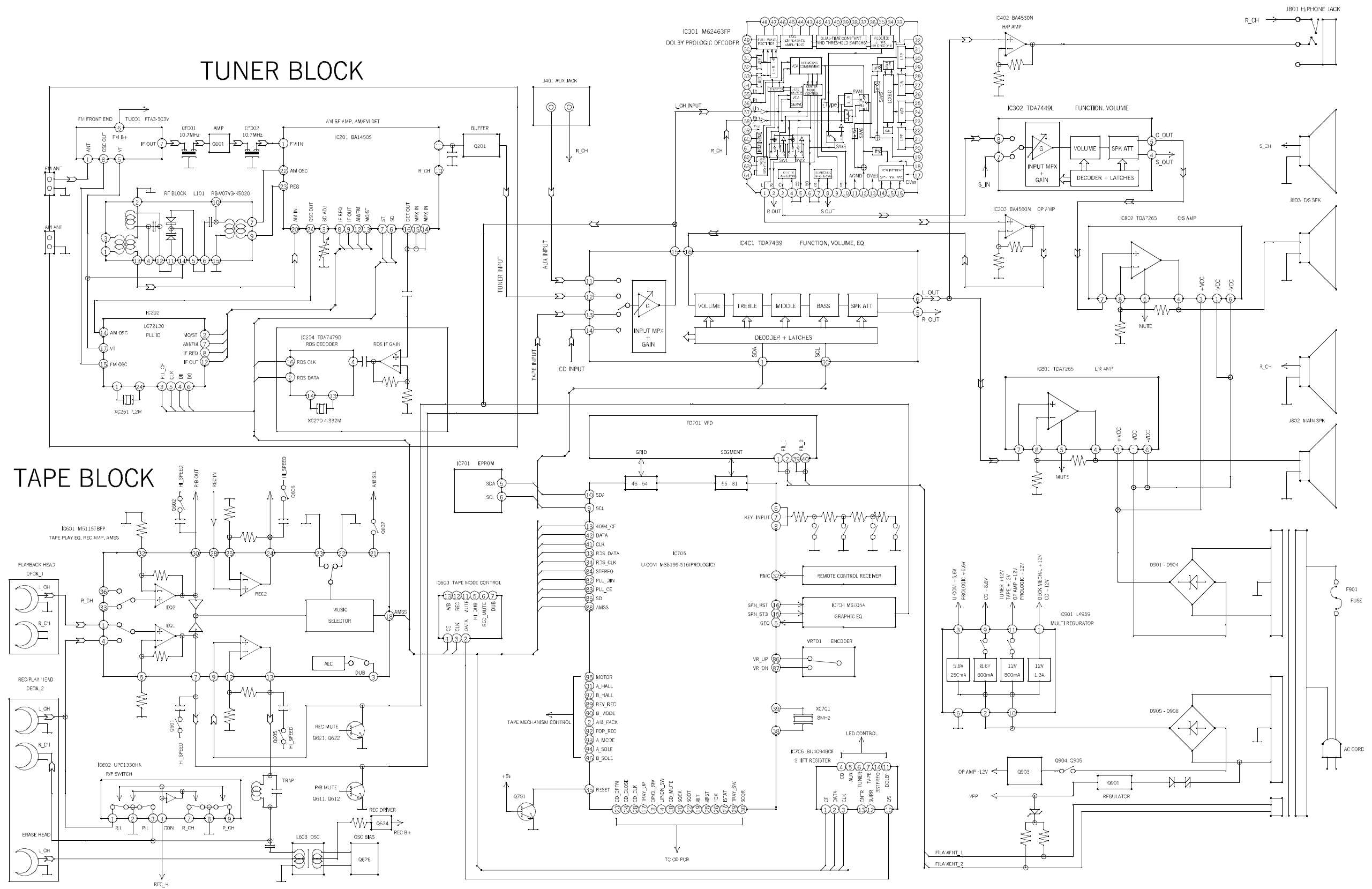
## WIRING DIAGRAM

## AMI-517DP / 517DPR



## BLOCK DIAGRAM

AMI-516DP / 516DPR / 517DP / 517DPR



## SCHEMATIC DIAGRAM

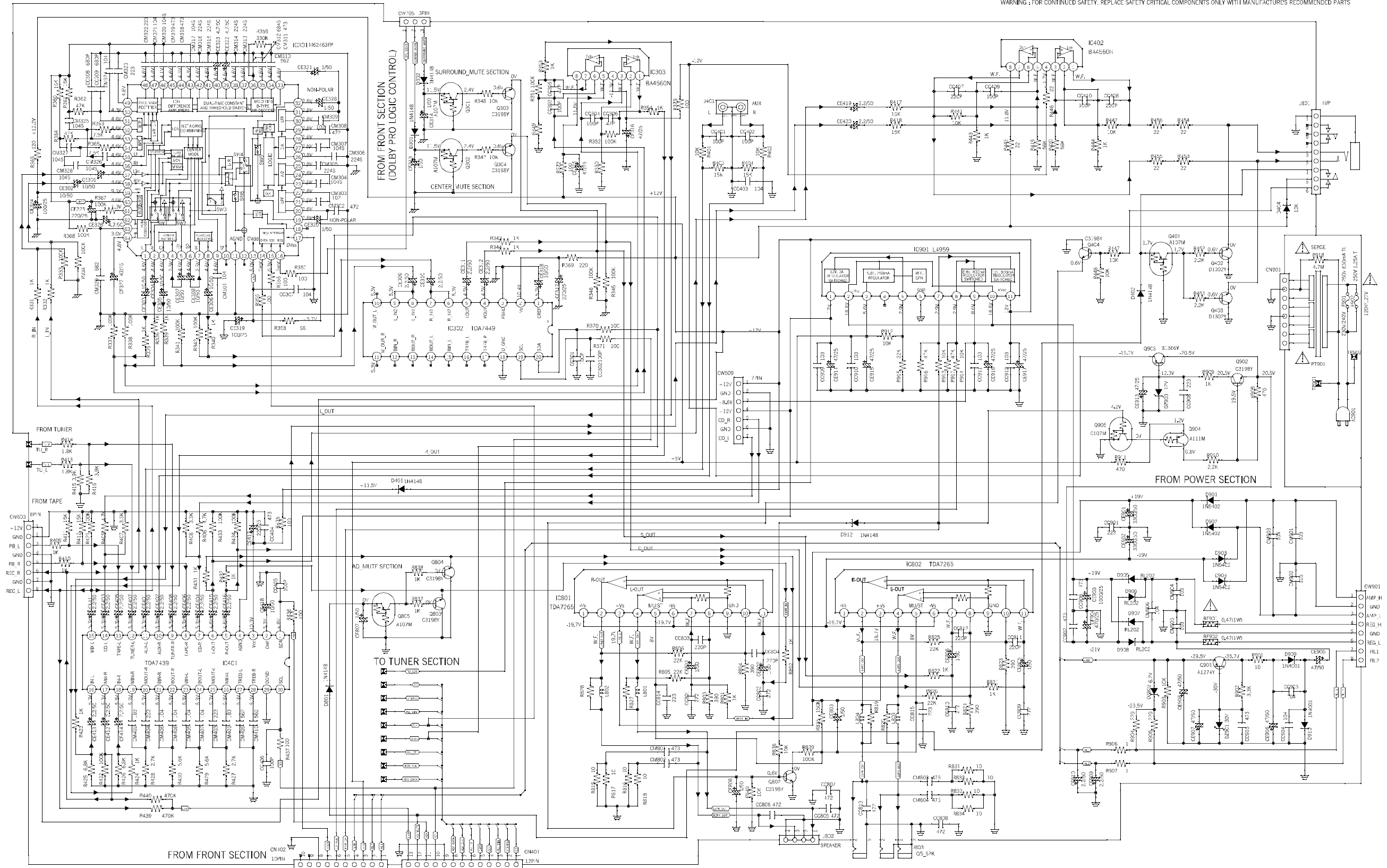
## 1. POWER / AMP

**AMI-516DP / 516DPR / 517DP / 517DPR**

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

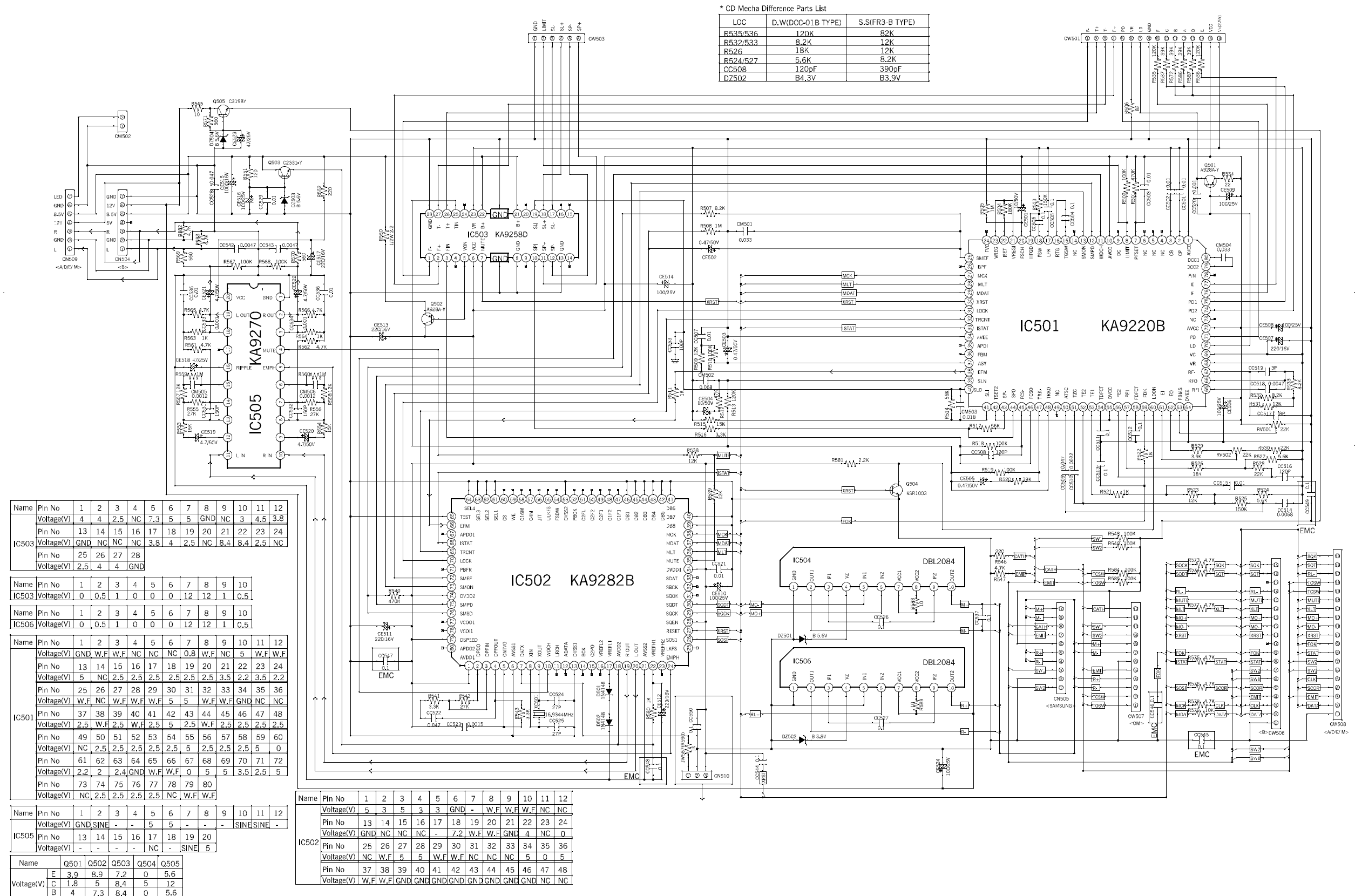
NOTE : THE COMPONENTS IDENTIFIED BY MARK  ARE CRITICAL FOR SAFETY. REPLACE ONLY WITH SAME TYPE PARTS SPECIFIED.

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



## 2. CD

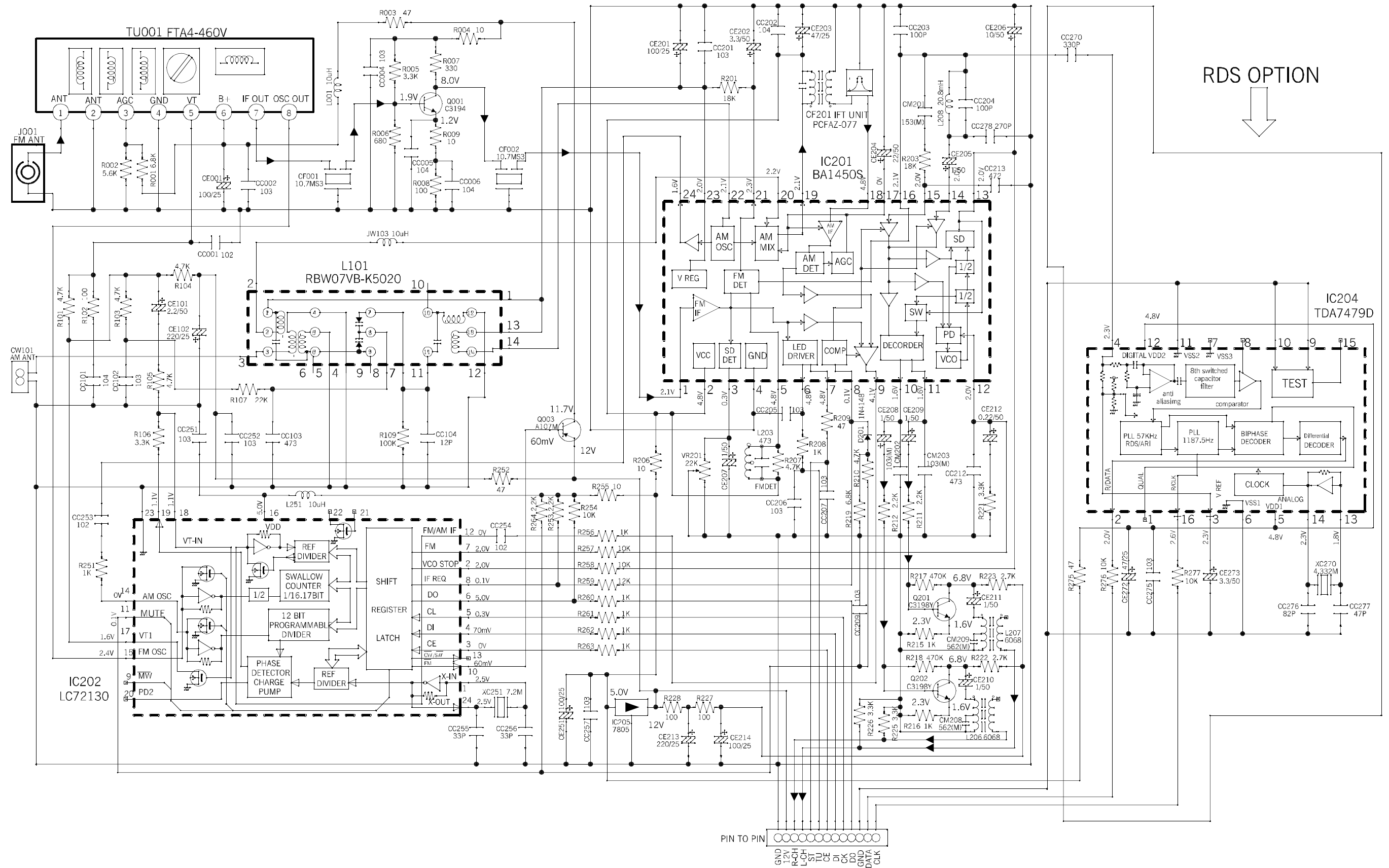
AMI-516DP / 516DPR / 517DP / 517DPR



## AMI-516DP / 516DPR / 517DP / 517DPR 2-Band

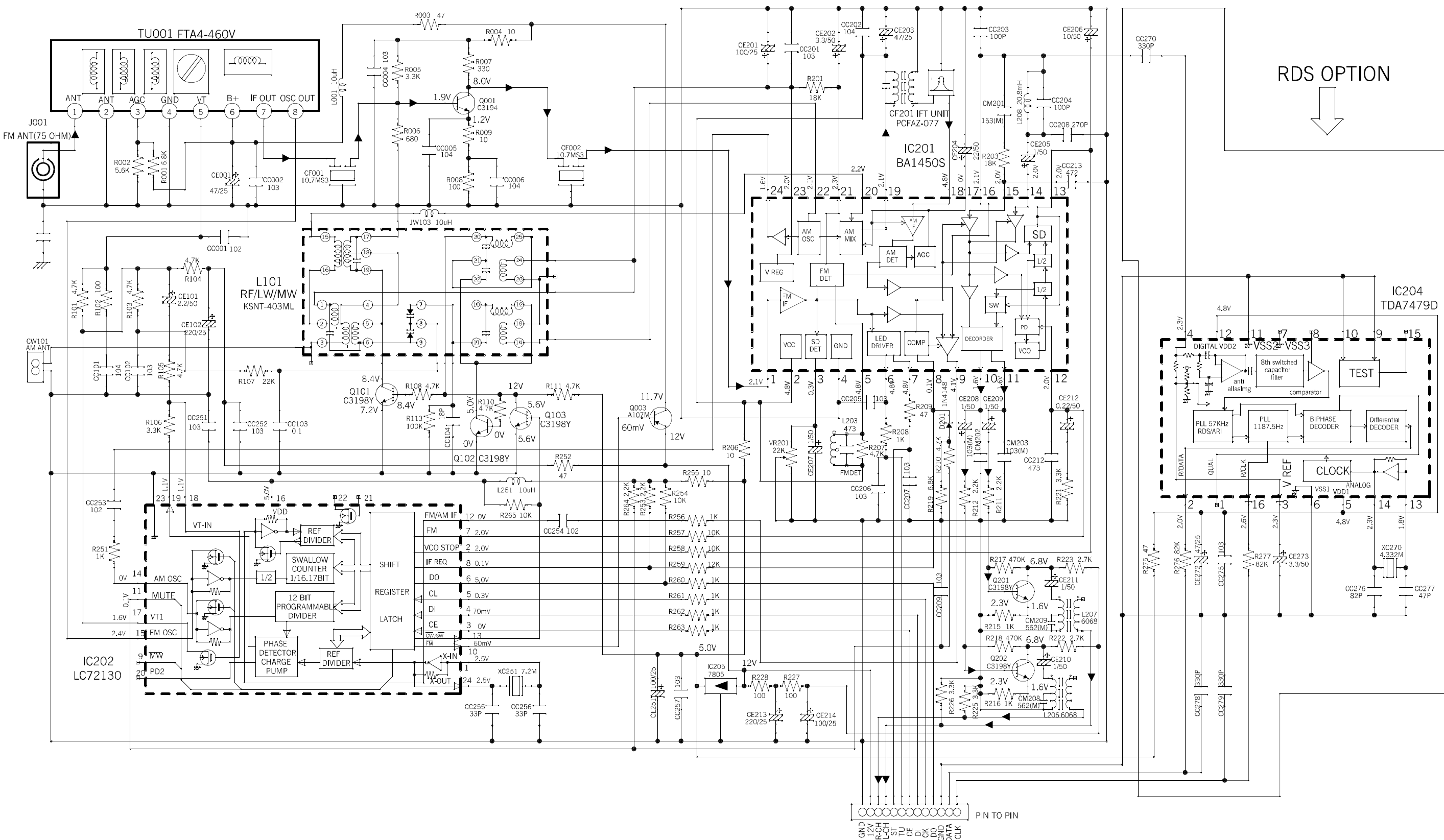


## AMI-516DP / 516DPR / 517DP / 517DPR FTZ 2-Band

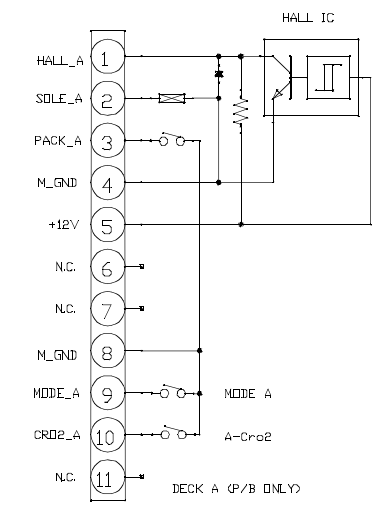
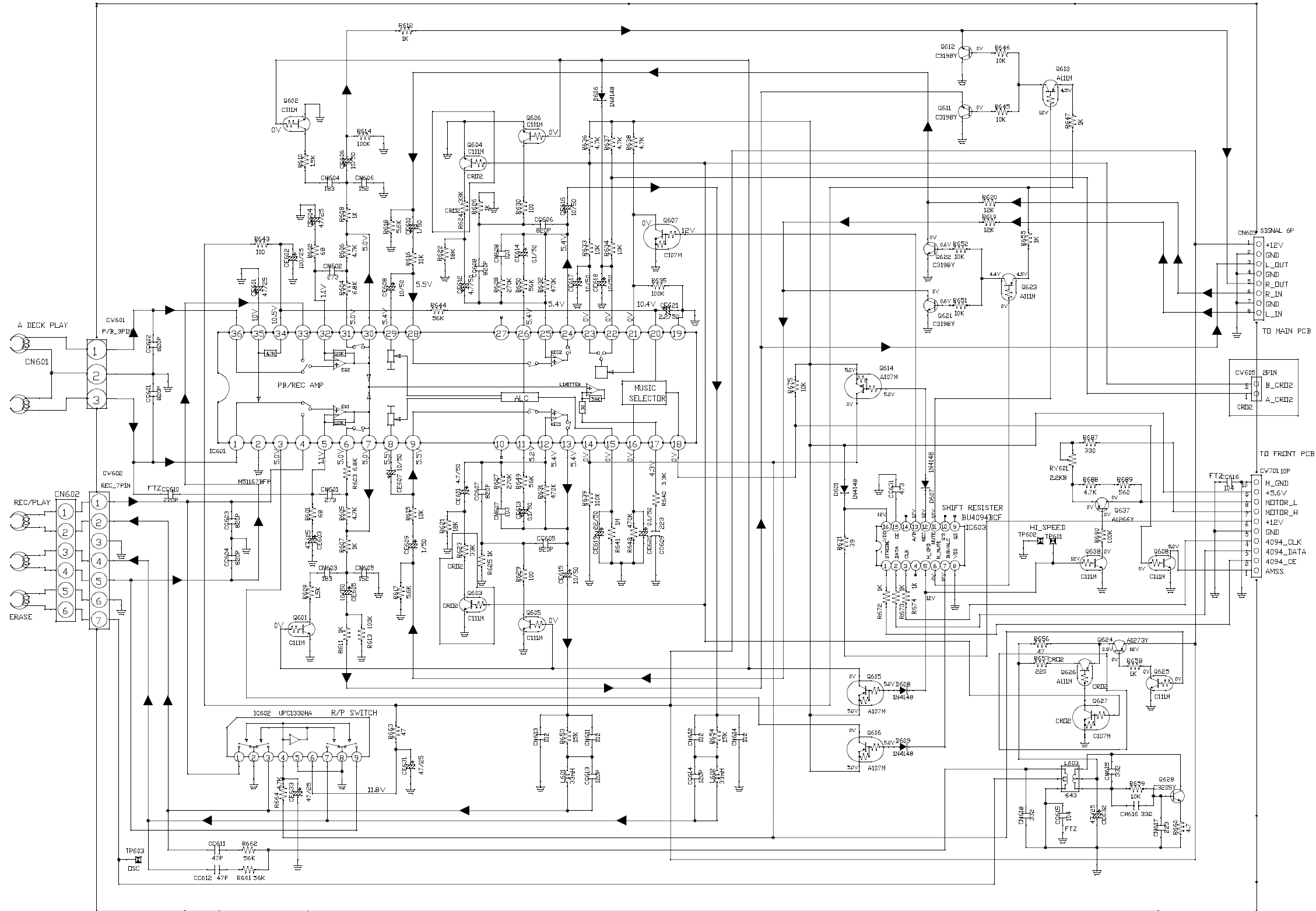


SCHEMATIC DIAGRAM

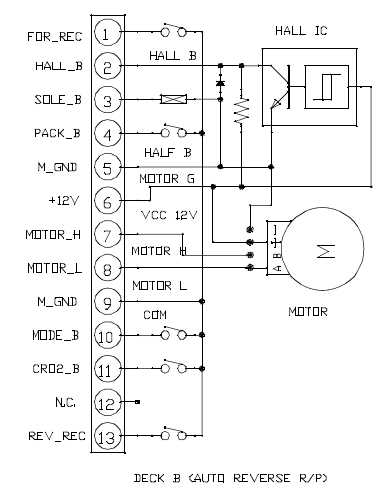
AMI-516DP / 516DPR / 517DP / 517DPR FTZ 3-Band



4. TAPE  
AMI-516DP / 516DPR / 517DP / 517DPR



FROM FRONT SECTION

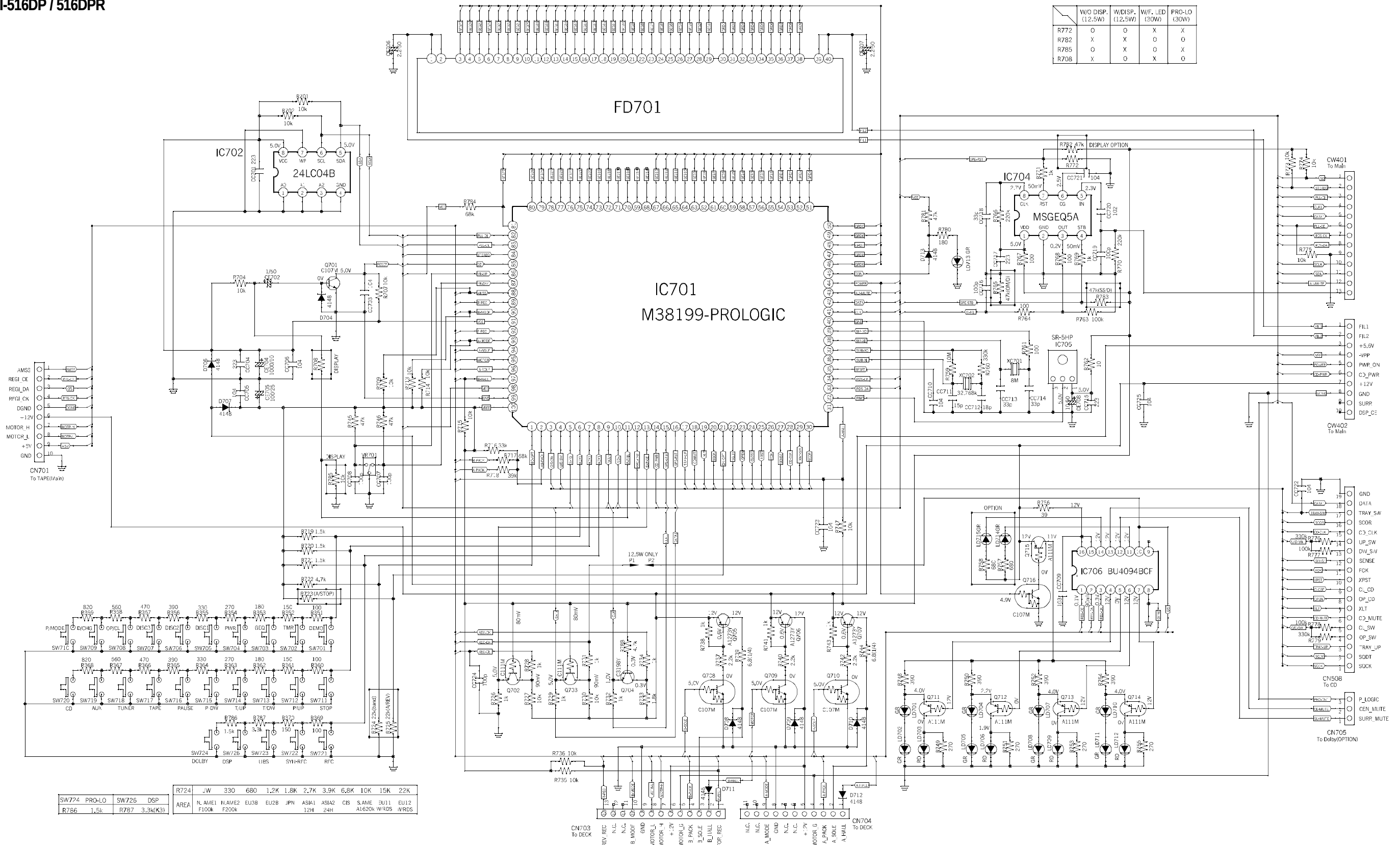


DECK B AUTO REVERSE R/P

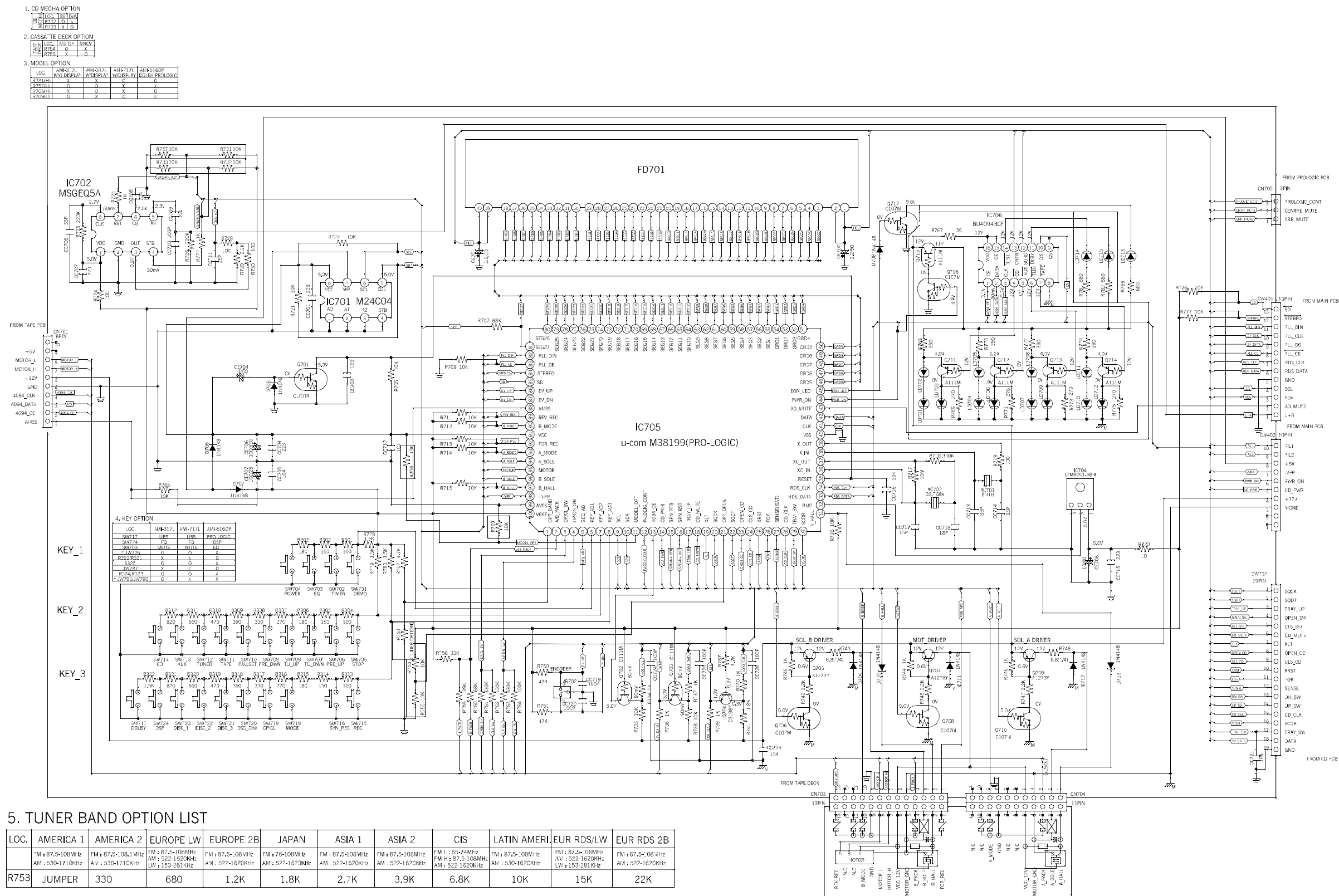
## SCHEMATIC DIAGRAM

## 5. CONTROL

### AMI-516DP / 516DPR



## AMI-517DP / 517DPR



# PCB PATTERN LAYOUT

AMP / TUNER  
\* AMI-516DP / 516DPR / 517DP / 517DPR

## CD

\* AMI-516DP / 516DPR / 517DP / 517DPR

## TAPE

\* AMI-516DP / 516DPR / 517DP / 517DPR

## POWER

\* AMI-516DP / 516DPR / 517DP / 517DPR

CONTROL  
\* AMI-516DP / 516DPR

CONTROL  
\* AMI-517DP / 517DPR

# ELECTRICAL PARTS LIST

## 1. 516DP \_ FTZ \_ 2 Band

| Parts Name  | Parts Code | Q'ty | Description               | Location                                                                                                                                                                         |
|-------------|------------|------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AM RF UNIT  | 5LR0000826 | 1    | RBW07VB-K5020             | L101                                                                                                                                                                             |
| ANT AM LOOP | 5LA180K828 | 1    | LOOP-7                    | AT101                                                                                                                                                                            |
| ANTENNA FM  | 9736806000 | 1    | 2M T-ANT                  | AT102                                                                                                                                                                            |
| C CERA      | CCXB1H102K | 1    | 50V B 1000PF K (TAPPING)  | CC720                                                                                                                                                                            |
| C CERA      | CCXF1H103Z | 24   | 50V F 0.01MF Z (TAPPING)  | CC002 CC004 CC102 CC201 CC205<br>CC206 CC207 CC209 CC251 CC252<br>CC501 CC502 CC503 CC507 CC515<br>CC521 CC529 CC535 CC536 CC709<br>CC909 CC910 CC911 CC912                      |
| C CERA      | CCXF1H104Z | 27   | 50V F 0.1MF Z             | CC005 CC006 CC101 CC103 CC202<br>CC307 CC403 CC504 CC505 CC506<br>CC511 CC512 CC513 CC526 CC527<br>CC537 CC544 CC703 CC705 CC706<br>CC710 CC721 CC722 CC723 CC725<br>CC903 CC904 |
| C CERA      | CCXF1H223Z | 7    | 50V F 0.022MF Z (TAPPING) | CC609 CC701 CC704 CC715 CC717<br>CC901 CC908                                                                                                                                     |
| C CERA      | CCXF1H473Z | 9    | 50V F 0.047MF Z (TAPPING) | CC212 CC404 CC509 CC522 CC528<br>CC631 CC905 CC906 CC907                                                                                                                         |
| C CERA      | CCZB1E102K | 6    | 25V B 1000PF K (AXIAL)    | CC001 CC253 CC254 CC520 CC533<br>CC534                                                                                                                                           |
| C CERA      | CCZB1E121K | 2    | 25V B 120PF K (AXIAL)     | CC613 CC614                                                                                                                                                                      |
| C CERA      | CCZB1E151K | 2    | 25V B 150PF K (AXIAL)     | CC531 CC532                                                                                                                                                                      |
| C CERA      | CCZB1E152K | 1    | 25V B 1500PF K (AXIAL)    | CC523                                                                                                                                                                            |
| C CERA      | CCZB1E221K | 6    | 25V B 220PF K (AXIAL)     | CC407 CC408 CC803 CC804 CC811<br>CC812                                                                                                                                           |
| C CERA      | CCZB1E222K | 2    | 25V B 2200PF K (AXIAL)    | CC510 CC516                                                                                                                                                                      |
| C CERA      | CCZB1E223K | 2    | 25V B 0.022MF             | CC814 CC815                                                                                                                                                                      |
| C CERA      | CCZB1E272K | 4    | 25V B 2700PF K (AXIAL)    | CC801 CC802 CC809 CC810                                                                                                                                                          |
| C CERA      | CCZB1E391K | 1    | 25V B 390PF K (AXIAL)     | CC508                                                                                                                                                                            |
| C CERA      | CCZB1E472K | 9    | 25V B 4700PF K (AXIAL)    | CC213 CC518 CC542 CC543 CC805<br>CC806 CC807 CC808 CC813                                                                                                                         |
| C CERA      | CCZB1E561K | 2    | 25V B 560PF K (AXIAL)     | CC210 CC211                                                                                                                                                                      |
| C CERA      | CCZB1E681K | 2    | 25V B 680PF K (AXIAL)     | CC308 CC309                                                                                                                                                                      |
| C CERA      | CCZB1E682K | 2    | 25V B 6800PF K (AXIAL)    | CC204 CC514                                                                                                                                                                      |
| C CERA      | CCZB1E821K | 8    | 25V B 820PF K AXIAL       | CC601 CC602 CC603 CC604 CC605<br>CC606 CC607 CC608                                                                                                                               |
| C CERA      | CCZB1H221K | 1    | 50V B 220PF K             | CC610                                                                                                                                                                            |
| C CERA      | CCZF1H104Z | 1    | 50V HIKF 0.1MF Z          | CC616                                                                                                                                                                            |
| C CERA      | CXCH1H101J | 6    | 50V CH 100PF J (TAPPING)  | CC563 CC707 CC708 CC716 CC719<br>CC724                                                                                                                                           |
| C CERA      | CXCH1H150J | 1    | 50V CH 15PF J (TAPPING)   | CC711                                                                                                                                                                            |
| C CERA      | CXCH1H180J | 1    | 50V CH 18PF J (TAPPING)   | CC712                                                                                                                                                                            |
| C CERA      | CXCH1H330J | 3    | 50V CH 33PF J (TAPPING)   | CC713 CC714 CC718                                                                                                                                                                |
| C CERA      | CZCH1E101J | 11   | CH 25V 100PF J AXL 52MM   | CC203 CC301 CC302 CC303 CC304<br>CC401 CC402 CC405 CC406 CC409<br>CC410                                                                                                          |
| C CERA      | CZCH1E120J | 1    | CH 25V 12PF J             | CC104                                                                                                                                                                            |
| C CERA      | CZCH1E330J | 2    | CH 25V 33PF J AXIAL 52MM  | CC255 CC256                                                                                                                                                                      |
| C CERA      | CZCH1E470J | 4    | CH 25V 47PF J AX          | CC305 CC306 CC611 CC612                                                                                                                                                          |
| C CERA      | CZCH1E609K | 1    | CH 25V 6PF K AXIAL        | CC519                                                                                                                                                                            |
| C CERA      | CZCH1E809K | 1    | CH 25V 8PF K AXL 52MM     | CC517                                                                                                                                                                            |

| Parts Name | Parts Code | Q'ty | Description               | Location                                                                                                                                                                   |
|------------|------------|------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C CERA     | CZCH1H270J | 2    | CH 50V 27PF J AXL 52MM    | CC524 CC525                                                                                                                                                                |
| C ELECTRO  | CEXE1A102A | 1    | 10V RS 1000MF 13X20       | CE704                                                                                                                                                                      |
| C ELECTRO  | CEXE1C102A | 1    | 16V RS 1000MF 13X20       | CE515                                                                                                                                                                      |
| C ELECTRO  | CEXF1C221V | 5    | 16V RSS 220MF (8X11.5) TP | CE507 CE511 CE512 CE513 CE517                                                                                                                                              |
| C ELECTRO  | CEXF1E101V | 14   | 25V RSS 100MF (6.3X11) TP | CE201 CE214 CE251 CE319 CE324<br>CE506 CE508 CE509 CE510 CE514<br>CE516 CE524 CE602 CE705                                                                                  |
| C ELECTRO  | CEXF1E102V | 1    | 25V RSS 1000MF (13X20) TP | CE903                                                                                                                                                                      |
| C ELECTRO  | CEXF1E109V | 1    | 25V RSS 1MF (5X11) TP     | CE802                                                                                                                                                                      |
| C ELECTRO  | CEXF1E221V | 5    | 25V RSS 220MF (8X11.5) TP | CE102 CE213 CE317 CE325 CE417                                                                                                                                              |
| C ELECTRO  | CEXF1E470V | 18   | 25V RSS 47MF (5X11) TP    | CE001 CE203 CE315 CE316 CE327<br>CE518 CE523 CE601 CE603 CE604<br>CE631 CE632 CE633 CE913 CE914<br>CE915 CE916 CE917                                                       |
| C ELECTRO  | CEXF1H100V | 22   | 50V RSS 10MF (5X11) TP    | CE206 CE301 CE302 CE303 CE304<br>CE305 CE306 CE307 CE308 CE318<br>CE418 CE501 CE504 CE605 CE606<br>CE607 CE608 CE615 CE616 CE617<br>CE618 CE708                            |
| C ELECTRO  | CEXF1H108V | 3    | 50V RSS 0.1MF (5X11) TP   | CE613 CE614 CE620                                                                                                                                                          |
| C ELECTRO  | CEXF1H109V | 18   | 50V RSS 1MF (5X11) TP     | CE205 CE207 CE208 CE209 CE210<br>CE211 CE313 CE314 CE321 CE609<br>CE610 CE702 CE801 CE803 CE805<br>CE806 CE807 CE808                                                       |
| C ELECTRO  | CEXF1H220V | 2    | 50V RSS 22MF (5X11) TP    | CE204 CE619                                                                                                                                                                |
| C ELECTRO  | CEXF1H229V | 26   | 50V RSS 2.2MF (5X11) TP   | CE101 CE309 CE310 CE311 CE312<br>CE401 CE402 CE403 CE404 CE405<br>CE406 CE407 CE408 CE411 CE412<br>CE413 CE414 CE415 CE416 CE419<br>CE420 CE621 CE706 CE707 CE909<br>CE910 |
| C ELECTRO  | CEXF1H332V | 2    | RSS 50V 3300MF 26*41      | CE901 CE902                                                                                                                                                                |
| C ELECTRO  | CEXF1H338V | 1    | 50V RSS 0.33MF (5X11) TP  | CE212                                                                                                                                                                      |
| C ELECTRO  | CEXF1H339V | 1    | 50V RSS 3.3MF (5X11) TP   | CE202                                                                                                                                                                      |
| C ELECTRO  | CEXF1H470V | 4    | 50V RSS 47MF (6.3X11) TP  | CE905 CE906 CE907 CE908                                                                                                                                                    |
| C ELECTRO  | CEXF1H478V | 3    | 50V RSS 0.47MF (5X11) TP  | CE502 CE503 CE505                                                                                                                                                          |
| C ELECTRO  | CEXF1H479V | 9    | 50V RSS 4.7MF (5X11) TP   | CE322 CE323 CE326 CE519 CE520<br>CE521 CE522 CE611 CE612                                                                                                                   |
| C ELECTRO  | CEYD1H109F | 2    | 50V RSS 1MF (NON-POLAR)   | CE320 CE328                                                                                                                                                                |
| C ELECTRO  | CEYF1E471V | 1    | 25V RSS 470MF (10X16)     | CE904                                                                                                                                                                      |
| C MYLAR    | CMXK1J104J | 8    | MC 63V 0.1MF J            | CM304 CM307 CM317 CM320 CM325<br>CM326 CM327 CM328                                                                                                                         |
| C MYLAR    | CMXK1J224J | 6    | MC 63V 0.22MF J           | CM305 CM306 CM313 CM314 CM315<br>CM316                                                                                                                                     |
| C MYLAR    | CMXK1J684J | 1    | MC 63V 0.68MF J           | CM312                                                                                                                                                                      |
| C MYLAR    | CMXM1H102J | 6    | 50V 0.001MF J (TP)        | CM303 CM309 CM611 CM612 CM613<br>CM614                                                                                                                                     |
| C MYLAR    | CMXM1H103J | 10   | 50V 0.01MF J (TP)         | CM202 CM203 CM204 CM205 CM607<br>CM608 CM901 CM902 CM904 CM905                                                                                                             |
| C MYLAR    | CMXM1H104J | 9    | 50V 0.1MF J               | CM301 CM321 CM324 CM405 CM406<br>CM407 CM408 CM903 CM906                                                                                                                   |
| C MYLAR    | CMXM1H122J | 2    | 50V 0.0012MF J            | CM505 CM506                                                                                                                                                                |
| C MYLAR    | CMXM1H152K | 2    | 50V 1500 PF K             | CM605 CM606                                                                                                                                                                |
| C MYLAR    | CMXM1H153J | 1    | 50V 0.015MF J (TP)        | CM201                                                                                                                                                                      |

## ELECTRICAL PARTS LIST

| Parts Name          | Parts Code | Q'ty | Description                    | Location                                  |
|---------------------|------------|------|--------------------------------|-------------------------------------------|
| C MYLAR             | CMXM1H183J | 5    | 50V 0.018MF J                  | CM401 CM402 CM503 CM603 CM604             |
| C MYLAR             | CMXM1H223J | 7    | 50V 0.022MF J                  | CM322 CM323 CM403 CM404 CM601 CM602 CM617 |
| C MYLAR             | CMXM1H332J | 3    | 50V 3300 PF J                  | CM615 CM616 CM618                         |
| C MYLAR             | CMXM1H333J | 2    | 50V 0.033MF J (TP)             | CM501 CM504                               |
| C MYLAR             | CMXM1H472J | 2    | 50V 0.0047MF J                 | CM302 CM308                               |
| C MYLAR             | CMXM1H473J | 7    | 50V 0.047MF J                  | CM311 CM318 CM319 CM801 CM802 CM803 CM804 |
| C MYLAR             | CMXM1H562J | 5    | 50V 5600 PF J                  | CM206 CM207 CM310 CM409 CM410             |
| C MYLAR             | CMXM1H682J | 1    | 50V 0.0068MF J                 | CM329                                     |
| C MYLAR             | CMXM1H683J | 1    | 50V 0.068 MF J                 | CM502                                     |
| CLIP FUSE           | 9734600700 | 2    | FC-5N                          | FC901 FC902                               |
| COIL BIAS OSC       | 5L0503K643 | 1    | SM-10F 5.04MH                  | L603                                      |
| COIL CHOKE          | 5LC333K804 | 2    | 33MH K                         | L601 L602                                 |
| COIL CHOKE          | 5LC682K822 | 2    | 6.8MH                          | L204 L205                                 |
| COIL DESCRIMI-NATOR | 5107FBK473 | 1    | 7X7 BLK KSZ-73S                | L203                                      |
| COIL PEAKING        | 5CPZ100K02 | 2    | 10UH K (AXIAL 3.5MM)           | L001 L251                                 |
| CONN AS             | 9CD8806500 | 1    | #28 2547*2 1007*2 8P150MM      | CN603                                     |
| CONN AS             | 9736407600 | 1    | PIN BASE 53095-1310 13P        | CN401                                     |
| CONN AS             | 9738828700 | 1    | AWG28 3P SHIELD 220MM          | CW601                                     |
| CONN AS             | 9738828800 | 1    | AWG28 7P SHIELD 100MM          | CW602                                     |
| CONN AS             | 9738832100 | 1    | 7P 200 P=2.5 BOARDIN           | CN509                                     |
| CONN AS             | 9738832102 | 1    | 200MM P2.5 7P                  | CW509                                     |
| CONN AS             | 9738833300 | 1    | UL2851 #28 3P SHIELD 250M      | CN601                                     |
| CONN AS             | 9738833500 | 1    | #28 6P SHIELD 250MM            | CN602                                     |
| CONN AS             | 9738833900 | 2    | #22 8P BOARD-IN 300MM          | CN901 CW901                               |
| CONN AS             | 9738834000 | 1    | #26 2.0PITCH 11P FLAT 150      | CN704                                     |
| CONN AS             | 9738834100 | 1    | #26 13P FLAT 100MM             | CN703                                     |
| CONN AS             | 9738835800 | 2    | UL2468 #26 P2.0 200MM 3P       | CN705 CW705                               |
| CONN AS             | 9738836200 | 2    | UL2468 160MM P2.0 8P/2P        | CN701 CW701                               |
| CONN AS             | 9738840800 | 1    | FFC 16P P1.0X250MM R           | CN501                                     |
| CONN AS             | 9738840900 | 1    | FFC 19P P1.25X110MM K          | CN508                                     |
| CONN PIN            | 9736407800 | 1    | 53095-1010 10PIN ANGLE         | CN402                                     |
| CONN WAFER          | 9CD6258800 | 1    | 2P S2B-XH-A                    | CW101                                     |
| CONN WAFER          | 9CD6259300 | 1    | 52807-1610                     | CW501                                     |
| CONN WAFER          | 9CD6259400 | 1    | 2001-WS-12P                    | CW507                                     |
| CONN WAFER          | 9CD6259500 | 1    | 2001-WS-6P                     | CW503                                     |
| CONN WAFER          | 9CD6259600 | 1    | 2503-WS-2P                     | CW502                                     |
| CONN WAFER          | 9736407900 | 1    | 52084-1010 10P BOTTOM          | CW402                                     |
| CONN WAFER          | 9736408300 | 1    | 52492-1920 19P BOTTOM          | CN508                                     |
| CONN WAFER          | 9736408400 | 1    | 52045-1945 19P                 | CW508                                     |
| CORD AC             | 9736900200 | 1    | "KKP419C, KLCE-2F, 0.75SSQURE" | AC901                                     |
| CRYSTAL QUARTZ      | 5XA32R768- | 1    | DT-38 32.768KHZ 20PPM          | XC702                                     |
| CUSHION FOOT        | 9CD4207700 | 2    | URETHAN FOAM RUBBER            | 60                                        |

| Parts Name      | Parts Code  | Q'ty | Description              | Location                                                                                                           |
|-----------------|-------------|------|--------------------------|--------------------------------------------------------------------------------------------------------------------|
| DAMPER BASE B   | 9CD2603300  | 2    | ABS                      | 260                                                                                                                |
| DAMPER GEAR B   | 9CD2603200  | 2    | ACETAL                   | 250                                                                                                                |
| DIODE           | DRL202----  | 4    | RL202                    | D905 D906 D907 D908                                                                                                |
| DIODE           | DZN4148---  | 23   | 1N4148 AUTO 52MM         | D201 D301 D302 D401 D402 D404 D501 D502 D606 D607 D608 D609 D704 D706 D707 D708 D709 D710 D711 D712 D713 D801 D912 |
| DIODE           | D1N4001---  | 2    | 1N4001                   | D909 D910                                                                                                          |
| DIODE           | D1N4148---  | 2    | 1N4148 (TAPPING)         | D401 D601                                                                                                          |
| DIODE           | D1N5402---  | 4    | 1N5402                   | D901 D902 D903 D904                                                                                                |
| DIODE ZENER     | DZT7212B--- | 1    | MTZ 12V 26MM TAPPING     | DZ903                                                                                                              |
| DIODE ZENER     | DZT23R9B--  | 1    | MTZ3.9B                  | DZ502                                                                                                              |
| DIODE ZENER     | DZT230B---  | 1    | MTZ30B                   | DZ901                                                                                                              |
| DIODE ZENER     | DZT25R6B--  | 3    | UZ-5.6B                  | DZ501 DZ503 DZ504                                                                                                  |
| DIODE ZENER     | DZT26R2B--  | 1    | MTZ6.2B                  | DZ902                                                                                                              |
| FILTER          | 5PPCFAZ077  | 1    | PCFAZ077                 | CF201                                                                                                              |
| FILTER CERA     | 5PE107MJA-  | 1    | SFE 10.7MHZ RED          | CF002                                                                                                              |
| FILTER CERA     | 5PE107MS2A  | 1    | SFE107MS2-A              | CF001                                                                                                              |
| FUSE GLASS TUBE | 5FSGB6312L  | 1    | SEMKO TL 0.63A 250V MF51 | F901                                                                                                               |
| IC              | 1BA1450S--  | 1    | BA1450S                  | IC201                                                                                                              |
| IC              | 1BA4560N--  | 2    | BA4560N(H/P AMP)         | IC303 IC402                                                                                                        |
| IC              | 1BU4094BCF  | 2    | BU4094BCF(SOP16)         | IC603 IC706                                                                                                        |
| IC              | 1DBL2084--  | 2    | DBL2084(D/W)             | IC504 IC506                                                                                                        |
| IC              | 1LC72130--  | 1    | LC72130                  | IC202                                                                                                              |
| IC              | 1L4959----  | 1    | L4959                    | IC901                                                                                                              |
| IC              | 1MC7805---  | 1    | MC 7805 (KA7805)         | IC205                                                                                                              |
| IC              | 1MSGEQ5A--  | 1    | MSGEQ5A                  | IC704                                                                                                              |
| IC              | 1M38199516  | 1    | U-COM M38199 (516DP)     | IC701                                                                                                              |
| IC              | 1M51167BFP  | 1    | M51167BFP (SOP36S)       | IC601                                                                                                              |
| IC              | 1M62463FP-  | 1    | M62463FP (PRO-LOGIC)     | IC301                                                                                                              |
| IC              | 1TDA7449L-  | 1    | TDA7449L                 | IC302                                                                                                              |
| IC              | 1UPC1330HA  | 1    | UPC1330HA                | IC602                                                                                                              |
| IC AUDIO        | 1KA9270---  | 1    | KA9270                   | IC505                                                                                                              |
| IC AUDIO        | 1TDA7439--  | 1    | TDA7439                  | IC401                                                                                                              |
| IC AUDIO DSP    | 1KA9282B--  | 1    | KA9282B                  | IC502                                                                                                              |
| IC CHIP         | 1KA9258D--  | 1    | KA9258D                  | IC503                                                                                                              |
| IC CHIP RF      | 1KA9220B--  | 1    | KA9220B                  | IC501                                                                                                              |
| IC EEPROM       | 124LC04BP-  | 1    | 24LC04BP                 | IC702                                                                                                              |
| IC PRE AMP      | 1TM97CT38P  | 1    | LTM97CT-38P              | IC705                                                                                                              |
| JACK            | 9736322700  | 1    | HSP-243V1-02             | J803                                                                                                               |
| JACK ANT        | 9736321900  | 1    | PAT645                   | J001                                                                                                               |
| JACK HEAD-PHONE | 9766319501  | 1    | HTJ-064-05B GOLD         | J801                                                                                                               |
| JACK RCA        | 9CD6313700  | 1    | S-436P                   | J401                                                                                                               |
| JACK SPEAKER    | 9736320500  | 1    | CJ-9007-040              | J802                                                                                                               |
| LED             | DLTL16KEE-  | 4    | LTL-16KEE(RED)P13.1      | LD703 LD706 LD709 LD712                                                                                            |

## ELECTRICAL PARTS LIST

| Parts Name    | Parts Code | Q'ty | Description           | Location                                                                                                                                                                                                                                                                                                                   |
|---------------|------------|------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LED           | DLTL16KGE- | 8    | LTL-16KGE(GREEN)PI3.1 | LD701 LD702 LD704 LD705 LD707 LD708 LD710 LD711                                                                                                                                                                                                                                                                            |
| LED           | DLTL307EE- | 2    | LTL-307EE(RED)PI5     | LD714 LD715                                                                                                                                                                                                                                                                                                                |
| PCB CD        | 9CD6574800 | 1    | 247X197               | B501                                                                                                                                                                                                                                                                                                                       |
| PCB FRONT     | 9CD6575700 | 1    | 197X163X1.6T          | B701                                                                                                                                                                                                                                                                                                                       |
| PCB MAIN      | 9CD6577100 | 1    | 330X197X1.6T          | B001                                                                                                                                                                                                                                                                                                                       |
| PCB POWER     | 9CD6577300 | 1    | 95X101X1.6T           | B001                                                                                                                                                                                                                                                                                                                       |
| PCB TAPE      | 9CD6577200 | 1    | 247X197X1.6T          | B001                                                                                                                                                                                                                                                                                                                       |
| PIN WAFER     | 9736407700 | 1    | 52084-1310 13P BOTTOM | CW401                                                                                                                                                                                                                                                                                                                      |
| PIN WRAPPING  | 9713550400 | 4    | 1.0X2.5X15            | TP501 TP502 TP503 TP504                                                                                                                                                                                                                                                                                                    |
| PIN WRAPPING  | 9716404000 | 2    | MFZN1.1X1.1 PANASERT  | TP901 TP902                                                                                                                                                                                                                                                                                                                |
| R CARBON FILM | RD-AZ100J- | 15   | 1/6 10 OHM J          | R004 R009 R206 R255 R545 R762 R815 R816 R817 R818 R831 R832 R833 R834 R901                                                                                                                                                                                                                                                 |
| R CARBON FILM | RD-AZ101J- | 23   | 1/6 100 OHM J         | R008 R102 R227 R351 R355 R356 R357 R358 R360 R369 R370 R371 R372 R373 R435 R436 R437 R546 R643 R761 R764 R767 R768                                                                                                                                                                                                         |
| R CARBON FILM | RD-AZ102J- | 63   | 1/6 1K OHM J          | R208 R215 R216 R251 R256 R260 R261 R262 R263 R331 R332 R335 R336 R339 R340 R343 R344 R353 R354 R409 R410 R423 R424 R431 R432 R443 R444 R511 R521 R522 R563 R564 R580 R607 R608 R611 R612 R625 R626 R647 R655 R658 R672 R673 R674 R726 R728 R729 R731 R732 R734 R738 R741 R743 R769 R771 R801 R802 R821 R822 R837 R838 R909 |
| R CARBON FILM | RD-AZ103J- | 47   | 1/6 10K OHM J         | L208 R213 R214 R254 R257 R258 R347 R348 R401 R402 R441 R442 R447 R448 R579 R615 R616 R633 R634 R645 R646 R651 R652 R659 R675 R701 R702 R704 R707 R709 R713 R714 R715 R727 R730 R735 R736 R747 R773 R774 R775 R836 R840 R903 R912 R913 R914                                                                                 |
| R CARBON FILM | RD-AZ104F- | 1    | 1/6 100K OHM J 1%     | R367                                                                                                                                                                                                                                                                                                                       |
| R CARBON FILM | RD-AZ104J- | 37   | 1/6 100K OHM J        | R113 R333 R334 R337 R338 R341 R342 R345 R346 R351 R352 R368 R421 R422 R433 R434 R439 R440 R502 R510 R518 R519 R548 R549 R567 R568 R584 R585 R613 R614 R635 R639 R690 R763 R777 R778 R839                                                                                                                                   |
| R CARBON FILM | RD-AZ105J- | 5    | 1/6 1M OHM J          | R505 R508 R559 R560 R641                                                                                                                                                                                                                                                                                                   |
| R CARBON FILM | RD-AZ106J- | 1    | 1/6 10M OHM J         | R759                                                                                                                                                                                                                                                                                                                       |
| R CARBON FILM | RD-AZ109J- | 2    | 1/6 1 OHM J           | R906 R907                                                                                                                                                                                                                                                                                                                  |
| R CARBON FILM | RD-AZ121J- | 1    | 1/6 120 OHM J         | R551                                                                                                                                                                                                                                                                                                                       |
| R CARBON FILM | RD-AZ123J- | 12   | 1/6 12K OHM J         | R259 R509 R523 R531 R532 R533 R538 R539 R557 R558 R619 R620                                                                                                                                                                                                                                                                |
| R CARBON FILM | RD-AZ124J- | 1    | 1/6 120K OHM J        | R513                                                                                                                                                                                                                                                                                                                       |
| R CARBON FILM | RD-AZ151J- | 3    | 1/6 150 OHM J         | R352 R361 R370                                                                                                                                                                                                                                                                                                             |
| R CARBON FILM | RD-AZ152J- | 6    | 1/6 1.5K OHM J        | R609 R610 R719 R720 R721 R787                                                                                                                                                                                                                                                                                              |

| Parts Name    | Parts Code | Q'ty | Description    | Location                                                                                                                                              |
|---------------|------------|------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| R CARBON FILM | RD-AZ153J- | 13   | 1/6 15K OHM J  | R360 R361 R403 R404 R411 R412 R417 R418 R515 R553 R554 R653 R654                                                                                      |
| R CARBON FILM | RD-AZ154J- | 3    | 1/6 150K OHM J | R503 R525 R835                                                                                                                                        |
| R CARBON FILM | RD-AZ181J- | 2    | 1/6 180 OHM J  | R353 R362                                                                                                                                             |
| R CARBON FILM | RD-AZ182J- | 3    | 1/6 1.8K OHM J | R413 R414 R733                                                                                                                                        |
| R CARBON FILM | RD-AZ183J- | 5    | 1/6 18K OHM J  | R201 R203 R526 R621 R622                                                                                                                              |
| R CARBON FILM | RD-AZ184J- | 1    | 1/6 180K OHM J | R504                                                                                                                                                  |
| R CARBON FILM | RD-AZ220J- | 7    | 1/6 22 OHM J   | R445 R446 R453 R454 R455 R456 R534                                                                                                                    |
| R CARBON FILM | RD-AZ221J- | 4    | 1/6 220 OHM J  | R369 R552 R904 R905                                                                                                                                   |
| R CARBON FILM | RD-AZ222J- | 11   | 1/6 2.2K OHM J | R211 R212 R253 R264 R451 R452 R581 R737 R740 R742 R910                                                                                                |
| R CARBON FILM | RD-AZ223J- | 10   | 1/6 22K OHM J  | R107 R528 R530 R724 R725 R805 R806 R825 R826 R915                                                                                                     |
| R CARBON FILM | RD-AZ224J- | 2    | 1/6 220K OHM J | R766 R770                                                                                                                                             |
| R CARBON FILM | RD-AZ271J- | 6    | 1/6 270 OHM J  | R354 R363 R749 R751 R753 R755                                                                                                                         |
| R CARBON FILM | RD-AZ272J- | 4    | 1/6 2.7K OHM J | R222 R223 R427 R428                                                                                                                                   |
| R CARBON FILM | RD-AZ273J- | 3    | 1/6 27K OHM J  | R542 R555 R556                                                                                                                                        |
| R CARBON FILM | RD-AZ274J- | 2    | 1/6 270K OHM J | R627 R628                                                                                                                                             |
| R CARBON FILM | RD-AZ331J- | 4    | 1/6 330 OHM J  | R007 R355 R364 R687                                                                                                                                   |
| R CARBON FILM | RD-AZ332J- | 11   | 1/6 3.3K OHM J | R005 R106 R221 R407 R408 R516 R541 R543 R640 R786 R902                                                                                                |
| R CARBON FILM | RD-AZ333J- | 1    | 1/6 33K OHM J  | R716                                                                                                                                                  |
| R CARBON FILM | RD-AZ334J- | 4    | 1/6 330K OHM J | R359 R760 R776 R779                                                                                                                                   |
| R CARBON FILM | RD-AZ390J- | 2    | 1/6 39 OHM J   | R671 R756                                                                                                                                             |
| R CARBON FILM | RD-AZ391J- | 10   | 1/6 390 OHM J  | R356 R365 R748 R750 R752 R754 R803 R804 R823 R824                                                                                                     |
| R CARBON FILM | RD-AZ392J- | 3    | 1/6 3.9K OHM J | R415 R416 R529                                                                                                                                        |
| R CARBON FILM | RD-AZ393J- | 6    | 1/6 39K OHM J  | R520 R537 R572 R586 R587 R718                                                                                                                         |
| R CARBON FILM | RD-AZ470J- | 5    | 1/6 47 OHM J   | R003 R209 R252 R656 R663                                                                                                                              |
| R CARBON FILM | RD-AZ471J- | 4    | 1/6 470 OHM J  | R357 R366 R908 R911                                                                                                                                   |
| R CARBON FILM | RD-AZ472J- | 30   | 1/6 4.7K OHM J | R101 R103 R104 R105 R207 R210 R405 R406 R547 R561 R562 R565 R566 R573 R574 R575 R576 R577 R578 R582 R583 R605 R606 R636 R637 R638 R664 R688 R722 R788 |
| R CARBON FILM | RD-AZ473J- | 11   | 1/6 47K OHM J  | R362 R364 R512 R708 R745 R746 R765 R781 R782 R916 R917                                                                                                |
| R CARBON FILM | RD-AZ474J- | 7    | 1/6 470K OHM J | R217 R218 R501 R540 R631 R632 R642                                                                                                                    |
| R CARBON FILM | RD-AZ479J- | 1    | 1/6 4.7 OHM J  | R660                                                                                                                                                  |
| R CARBON FILM | RD-AZ560J- | 1    | 1/6 56 OHM J   | R366                                                                                                                                                  |
| R CARBON FILM | RD-AZ561J- | 6    | 1/6 560 OHM J  | R358 R367 R569 R570 R571 R689                                                                                                                         |
| R CARBON FILM | RD-AZ562J- | 5    | 1/6 5.6K OHM J | R429 R430 R527 R617 R618                                                                                                                              |
| R CARBON FILM | RD-AZ563J- | 9    | 1/6 56K OHM J  | R419 R420 R514 R517 R644 R649 R650 R661 R662                                                                                                          |

## ELECTRICAL PARTS LIST

| Parts Name     | Parts Code | Q'ty | Description                | Location                                                                                                                                              |
|----------------|------------|------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| R CARBON FILM  | RD-AZ680J- | 2    | 1/6 68 OHM J               | R601 R602                                                                                                                                             |
| R CARBON FILM  | RD-AZ681J- | 5    | 1/6 680 OHM J              | R006 R629 R630 R757 R758                                                                                                                              |
| R CARBON FILM  | RD-AZ682J- | 5    | 1/6 6.8K OHM J             | R219 R425 R426 R603 R604                                                                                                                              |
| R CARBON FILM  | RD-AZ683J- | 2    | 1/6 68K OHM J              | R717 R784                                                                                                                                             |
| R CARBON FILM  | RD-AZ689J- | 2    | 1/6 6.8 OHM J              | R739 R744                                                                                                                                             |
| R CARBON FILM  | RD-AZ752J- | 2    | 1/6 7.5K OHM J             | R363 R365                                                                                                                                             |
| R CARBON FILM  | RD-AZ820J- | 1    | 1/6 82 OHM J               | R506                                                                                                                                                  |
| R CARBON FILM  | RD-AZ821J- | 2    | 1/6 820 OHM J              | R359 R368                                                                                                                                             |
| R CARBON FILM  | RD-AZ822J- | 2    | 1/6 8.2K OHM J             | R507 R524                                                                                                                                             |
| R CARBON FILM  | RD-AZ823J- | 2    | 1/6 82K OHM J              | R535 R536                                                                                                                                             |
| R CARBON FILM  | RD-2Y229J- | 1    | 1/2 2.2 OHM J              | R550                                                                                                                                                  |
| R CARBON FILM  | RD-2Y475J- | 1    | 1/2 4.7M OHM J             | R918                                                                                                                                                  |
| R CARBON FILM  | RD-4Z100J- | 2    | 1/4 10 OHM J               | R588 R589                                                                                                                                             |
| R FUSIBLE      | RF01F4780J | 2    | 0.47OHM 1W                 | RF901 RF902                                                                                                                                           |
| R SEMI FIXED   | RV141722Z- | 1    | 1/10 2.2K OHM B V6EK-PV1S  | RV601                                                                                                                                                 |
| R SEMI FIXED   | RV641722Z- | 3    | VM6CK-PV(1S) B 22K OHM     | RV201 RV501 RV502                                                                                                                                     |
| RESONATOR      | 5PCSA8MTZ- | 1    | "CSA8MTZ, 8MHZ"            | XC701                                                                                                                                                 |
| RESONATOR CERA | 5PCSA16R93 | 1    | CSA16.93MX204              | XC501                                                                                                                                                 |
| SW ENCODER     | 5SH162401- | 1    | EC16B24204 24P W/ DETENT   | VR701                                                                                                                                                 |
| SW TACT        | 5S50101001 | 25   | KPT-1105A 1C-1P            | SW701 SW702 SW703 SW704 SW705 SW706 SW707 SW708 SW709 SW710 SW711 SW712 SW713 SW714 SW715 SW716 SW717 SW718 SW719 SW720 SW721 SW722 SW723 SW724 SW726 |
| TR             | TKRA111M-- | 8    | KRA111-M TAP-PING(KSR2010) | Q613 Q623 Q711 Q712 Q713 Q714 Q715 Q904                                                                                                               |
| TR             | TKRC107M-- | 6    | KRC107-M TAP-PING(KSR1006) | Q607 Q701 Q708 Q709 Q710 Q905                                                                                                                         |
| TR             | TKRC111M-- | 9    | KRC111M (KSR1010)          | Q601 Q602 Q605 Q606 Q608 Q625 Q638 Q702 Q703                                                                                                          |
| TR             | TKSA928AY- | 2    | KSA928A-Y                  | Q501 Q502                                                                                                                                             |
| TR             | TKSC2331Y- | 1    | KSC2331Y                   | Q503                                                                                                                                                  |
| TR             | TKSR1003-- | 1    | KSR1003                    | Q504                                                                                                                                                  |
| TR             | TKTB1366Y- | 1    | KTB1366Y                   | Q903                                                                                                                                                  |
| TR             | TZRA107M-- | 7    | KRA107M (KSR2006)          | Q003 Q301 Q302 Q614 Q615 Q616 Q805                                                                                                                    |
| TR             | TZRC107M-- | 1    | KRC107M(AUTO)              | Q716                                                                                                                                                  |
| TR             | TZTA1266Y- | 1    | KTA1266Y-(AUTO)(1015Y)     | Q637                                                                                                                                                  |
| TR             | TZTA1273Y- | 4    | KTA1273Y(966Y)             | Q624 Q705 Q706 Q707                                                                                                                                   |
| TR             | TZTA1274Y- | 1    | KTA1274Y-                  | Q901                                                                                                                                                  |
| TR             | TZTC3194Y- | 1    | KTC3194Y                   | Q001                                                                                                                                                  |
| TR             | TZTC3198Y- | 16   | KTC3198Y-(1815Y) (AUTO)    | Q201 Q202 Q303 Q304 Q403 Q404 Q505 Q611 Q612 Q621 Q622 Q704 Q802 Q803 Q804 Q902                                                                       |
| TR             | TZTC3205Y- | 1    | KTC3205Y (2236Y)           | Q628                                                                                                                                                  |
| TR             | TZTD1302-- | 2    | KTD1302                    | Q401 Q402                                                                                                                                             |
| TRANS POWER    | 5TP8066785 | 1    | EI=66X50 230V 50HZ         | PT901                                                                                                                                                 |
| TUNER PACK     | 9737612700 | 1    | FTA3-503V                  | TU001                                                                                                                                                 |

| Parts Name  | Parts Code | Q'ty | Description              | Location                 |
|-------------|------------|------|--------------------------|--------------------------|
| VFD         | DSVA09MM10 | 1    | SVA09MM10                | FD701                    |
| WIRE JUMPER | W581GY1005 | 4    | AWG22 1/0.65 SN 10 AUTO  | L801 L802 L803 L804      |
| WIRE JUMPER | W581GY7595 | 5    | AWG22 1/0.65 SN 7.5 AUTO | R002 R819 R820 R827 R828 |
| WIRE LEAD   | 9738834300 | 1    | #26 1P 200MM             | W601                     |
| X-TAL       | 5XA7R20000 | 1    | 7.2M                     | XC251                    |
| 1C          | 1TDA7265-- | 2    | TDA7265                  | IC801 IC802              |

## 2. 516DP \_ UL \_ 2 Band

| Parts Name  | Parts Code | Q'ty | Description               | Location                                                                                                                                                          |
|-------------|------------|------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AM RF UNIT  | 5LR0000826 | 1    | RBW07VB-K5020             | L101                                                                                                                                                              |
| ANT AM LOOP | 5LA180K828 | 1    | LOOP-7                    | AT101                                                                                                                                                             |
| ANT FM      | 9716805900 | 1    | 1.5M PIG TAIL BLK         | AT001                                                                                                                                                             |
| ANTENNA FM  | 9736806000 | 1    | 2M T-ANT                  | AT102                                                                                                                                                             |
| C CERA      | CCXB1H102K | 1    | 50V B 1000PF K (TAPPING)  | CC720                                                                                                                                                             |
| C CERA      | CCXF1H103Z | 24   | 50V F 0.01MF Z (TAPPING)  | CC002 CC004 CC102 CC201 CC205 CC206 CC207 CC209 CC251 CC252 CC501 CC502 CC503 CC507 CC515 CC521 CC529 CC535 CC536 CC709 CC909 CC910 CC911 CC912                   |
| C CERA      | CCXF1H104Z | 27   | 50V F 0.1MF Z             | CC005 CC006 CC101 CC103 CC202 CC307 CC403 CC504 CC505 CC506 CC511 CC512 CC513 CC526 CC527 CC537 CC544 CC703 CC705 CC706 CC710 CC721 CC722 CC723 CC725 CC903 CC904 |
| C CERA      | CCXF1H223Z | 7    | 50V F 0.022MF Z (TAPPING) | CC609 CC701 CC704 CC715 CC717 CC901 CC908                                                                                                                         |
| C CERA      | CCXF1H473Z | 9    | 50V F 0.047MF Z (TAPPING) | CC212 CC404 CC509 CC522 CC528 CC631 CC905 CC906 CC907                                                                                                             |
| C CERA      | CCZB1E102K | 6    | 25V B 1000PF K (AXIAL)    | CC001 CC253 CC254 CC520 CC533 CC534                                                                                                                               |
| C CERA      | CCZB1E121K | 2    | 25V B 120PF K (AXIAL)     | CC613 CC614                                                                                                                                                       |
| C CERA      | CCZB1E151K | 2    | 25V B 150PF K (AXIAL)     | CC531 CC532                                                                                                                                                       |
| C CERA      | CCZB1E152K | 1    | 25V B 1500PF K (AXIAL)    | CC523                                                                                                                                                             |
| C CERA      | CCZB1E221K | 6    | 25V B 220PF K (AXIAL)     | CC407 CC408 CC803 CC804 CC811 CC812                                                                                                                               |
| C CERA      | CCZB1E222K | 2    | 25V B 2200PF K (AXIAL)    | CC510 CC516                                                                                                                                                       |
| C CERA      | CCZB1E223K | 2    | 25V B 0.022MF             | CC814 CC815                                                                                                                                                       |
| C CERA      | CCZB1E272K | 4    | 25V B 2700PF K (AXIAL)    | CC801 CC802 CC809 CC810                                                                                                                                           |
| C CERA      | CCZB1E391K | 1    | 25V B 390PF K (AXIAL)     | CC508                                                                                                                                                             |
| C CERA      | CCZB1E472K | 9    | 25V B 4700PF K (AXIAL)    | CC213 CC518 CC542 CC543 CC805 CC806 CC807 CC808 CC813                                                                                                             |
| C CERA      | CCZB1E561K | 2    | 25V B 560PF K (AXIAL)     | CC210 CC211                                                                                                                                                       |
| C CERA      | CCZB1E681K | 2    | 25V B 680PF K (AXIAL)     | CC308 CC309                                                                                                                                                       |
| C CERA      | CCZB1E682K | 2    | 25V B 6800PF K (AXIAL)    | CC204 CC514                                                                                                                                                       |

## ELECTRICAL PARTS LIST

| Parts Name | Parts Code | Q'ty | Description               | Location                                                                                                                                                                   |
|------------|------------|------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C CERA     | CCZB1E821K | 8    | 25V B 820PF K AXIAL       | CC601 CC602 CC603 CC604 CC605<br>CC606 CC607 CC608                                                                                                                         |
| C CERA     | CCZB1H221K | 1    | 50V B 220PF K             | CC610                                                                                                                                                                      |
| C CERA     | CCZF1H104Z | 1    | 50V HIKF 0.1MF Z          | CC616                                                                                                                                                                      |
| C CERA     | CXCH1H101J | 6    | 50V CH 100PF J (TAPPING)  | CC563 CC707 CC708 CC716 CC719<br>CC724                                                                                                                                     |
| C CERA     | CXCH1H150J | 1    | 50V CH 15PF J (TAPPING)   | CC711                                                                                                                                                                      |
| C CERA     | CXCH1H180J | 1    | 50V CH 18PF J (TAPPING)   | CC712                                                                                                                                                                      |
| C CERA     | CXCH1H330J | 3    | 50V CH 33PF J (TAPPING)   | CC713 CC714 CC718                                                                                                                                                          |
| C CERA     | CZCH1E101J | 11   | CH 25V 100PF J AXL 52MM   | CC203 CC301 CC302 CC303 CC304<br>CC401 CC402 CC405 CC406 CC409<br>CC410                                                                                                    |
| C CERA     | CZCH1E120J | 1    | CH 25V 12PF J             | CC104                                                                                                                                                                      |
| C CERA     | CZCH1E330J | 2    | CH 25V 33PF J AXIAL 52MM  | CC255 CC256                                                                                                                                                                |
| C CERA     | CZCH1E470J | 4    | CH 25V 47PF J AX          | CC305 CC306 CC611 CC612                                                                                                                                                    |
| C CERA     | CZCH1E609K | 1    | CH 25V 6PF K AXIAL        | CC519                                                                                                                                                                      |
| C CERA     | CZCH1E809K | 1    | CH 25V 8PF K AXL 52MM     | CC517                                                                                                                                                                      |
| C CERA     | CZCH1H270J | 2    | CH 50V 27PF J AXL 52MM    | CC524 CC525                                                                                                                                                                |
| C ELECTRO  | CEXE1A102A | 1    | 10V RS 1000MF 13X20       | CE704                                                                                                                                                                      |
| C ELECTRO  | CEXE1C102A | 1    | 16V RS 1000MF 13X20       | CE515                                                                                                                                                                      |
| C ELECTRO  | CEXF1C221V | 5    | 16V RSS 220MF (8X11.5) TP | CE507 CE511 CE512 CE513 CE517                                                                                                                                              |
| C ELECTRO  | CEXF1E101V | 14   | 25V RSS 100MF (6.3X11) TP | CE201 CE214 CE251 CE319 CE324<br>CE506 CE508 CE509 CE510 CE514<br>CE516 CE524 CE602 CE705                                                                                  |
| C ELECTRO  | CEXF1E102V | 1    | 25V RSS 1000MF (13X20) TP | CE903                                                                                                                                                                      |
| C ELECTRO  | CEXF1E109V | 1    | 25V RSS 1MF (5X11) TP     | CE802                                                                                                                                                                      |
| C ELECTRO  | CEXF1E221V | 5    | 25V RSS 220MF (8X11.5) TP | CE102 CE213 CE317 CE325 CE417                                                                                                                                              |
| C ELECTRO  | CEXF1E470V | 18   | 25V RSS 47MF (5X11) TP    | CE001 CE203 CE315 CE316 CE327<br>CE518 CE523 CE601 CE603 CE604<br>CE631 CE632 CE633 CE913 CE914<br>CE915 CE916 CE917                                                       |
| C ELECTRO  | CEXF1H100V | 22   | 50V RSS 10MF (5X11) TP    | CE206 CE301 CE302 CE303 CE304<br>CE305 CE306 CE307 CE308 CE318<br>CE418 CE501 CE504 CE605 CE606<br>CE607 CE608 CE615 CE616 CE617<br>CE618 CE708                            |
| C ELECTRO  | CEXF1H108V | 3    | 50V RSS 0.1MF (5X11) TP   | CE613 CE614 CE620                                                                                                                                                          |
| C ELECTRO  | CEXF1H109V | 18   | 50V RSS 1MF (5X11) TP     | CE205 CE207 CE208 CE209 CE210<br>CE211 CE313 CE314 CE321 CE609<br>CE610 CE702 CE801 CE803 CE805<br>CE806 CE807 CE808                                                       |
| C ELECTRO  | CEXF1H220V | 2    | 50V RSS 22MF (5X11) TP    | CE204 CE619                                                                                                                                                                |
| C ELECTRO  | CEXF1H229V | 26   | 50V RSS 2.2MF (5X11) TP   | CE101 CE309 CE310 CE311 CE312<br>CE401 CE402 CE403 CE404 CE405<br>CE406 CE407 CE408 CE411 CE412<br>CE413 CE414 CE415 CE416 CE419<br>CE420 CE621 CE706 CE707 CE909<br>CE910 |
| C ELECTRO  | CEXF1H332V | 2    | RSS 50V 3300MF 26*41      | CE901 CE902                                                                                                                                                                |
| C ELECTRO  | CEXF1H338V | 1    | 50V RSS 0.33MF (5X11) TP  | CE212                                                                                                                                                                      |
| C ELECTRO  | CEXF1H339V | 1    | 50V RSS 3.3MF (5X11) TP   | CE202                                                                                                                                                                      |
| C ELECTRO  | CEXF1H470V | 4    | 50V RSS 47MF (6.3X11) TP  | CE905 CE906 CE907 CE908                                                                                                                                                    |
| C ELECTRO  | CEXF1H478V | 3    | 50V RSS 0.47MF (5X11) TP  | CE502 CE503 CE505                                                                                                                                                          |
| C ELECTRO  | CEXF1H479V | 9    | 50V RSS 4.7MF (5X11) TP   | CE322 CE323 CE326 CE519 CE520<br>CE521 CE522 CE611 CE612                                                                                                                   |

| Parts Name          | Parts Code | Q'ty | Description               | Location                                                       |
|---------------------|------------|------|---------------------------|----------------------------------------------------------------|
| C ELECTRO           | CEYD1H109F | 2    | 50V RSS 1MF (NON-POLAR)   | CE320 CE328                                                    |
| C ELECTRO           | CEYF1E471V | 1    | 25V RSS 470MF (10X16)     | CE904                                                          |
| C MYLAR             | CMXK1J104J | 8    | MC 63V 0.1MF J            | CM304 CM307 CM317 CM320 CM325<br>CM326 CM327 CM328             |
| C MYLAR             | CMXK1J224J | 6    | MC 63V 0.22MF J           | CM305 CM306 CM313 CM314 CM315<br>CM316                         |
| C MYLAR             | CMXK1J684J | 1    | MC 63V 0.68MF J           | CM312                                                          |
| C MYLAR             | CMXM1H102J | 6    | 50V 0.001MF J (TP)        | CM303 CM309 CM611 CM612 CM613<br>CM614                         |
| C MYLAR             | CMXM1H103J | 10   | 50V 0.01MF J (TP)         | CM202 CM203 CM204 CM205 CM607<br>CM608 CM901 CM902 CM904 CM905 |
| C MYLAR             | CMXM1H104J | 9    | 50V 0.1MF J               | CM301 CM321 CM324 CM405 CM406<br>CM407 CM408 CM903 CM906       |
| C MYLAR             | CMXM1H122J | 2    | 50V 0.0012MF J            | CM505 CM506                                                    |
| C MYLAR             | CMXM1H152K | 2    | 50V 1500 PF K             | CM605 CM606                                                    |
| C MYLAR             | CMXM1H153J | 1    | 50V 0.015MF J (TP)        | CM201                                                          |
| C MYLAR             | CMXM1H183J | 5    | 50V 0.018MF J             | CM401 CM402 CM503 CM603 CM604                                  |
| C MYLAR             | CMXM1H223J | 7    | 50V 0.022MF J             | CM322 CM323 CM403 CM404 CM601<br>CM602 CM617                   |
| C MYLAR             | CMXM1H332J | 3    | 50V 3300 PF J             | CM615 CM616 CM618                                              |
| C MYLAR             | CMXM1H333J | 2    | 50V 0.033MF J (TP)        | CM501 CM504                                                    |
| C MYLAR             | CMXM1H472J | 2    | 50V 0.0047MF J            | CM302 CM308                                                    |
| C MYLAR             | CMXM1H473J | 7    | 50V 0.047MF J             | CM311 CM318 CM319 CM801 CM802<br>CM803 CM804                   |
| C MYLAR             | CMXM1H562J | 5    | 50V 5600 PF J             | CM206 CM207 CM310 CM409 CM410                                  |
| C MYLAR             | CMXM1H682J | 1    | 50V 0.0068MF J            | CM329                                                          |
| C MYLAR             | CMXM1H683J | 1    | 50V 0.068 MF J            | CM502                                                          |
| CLIP FUSE           | 9734600700 | 2    | FC-5N                     | FC903 FC904                                                    |
| COIL BIAS OSC       | 5L0503K643 | 1    | SM-10F 5.04MH             | L603                                                           |
| COIL CHOKE          | 5LC333K804 | 2    | 33MH K                    | L601 L602                                                      |
| COIL CHOKE          | 5LC682K822 | 2    | 6.8MH                     | L204 L205                                                      |
| COIL DESCRIMI-NATOR | 5107FBK473 | 1    | 7X7 BLK KSZ-73S           | L203                                                           |
| COIL PEAKING        | 5CP2100K02 | 2    | 10UH K (AXIAL 3.5MM)      | L001 L251                                                      |
| CONN AS             | 9CD8806500 | 1    | #28 2547*2 1007*2 8P150MM | CN603                                                          |
| CONN AS             | 9736407600 | 1    | PIN BASE 53095-1310 13P   | CN401                                                          |
| CONN AS             | 9738828700 | 1    | AWG28 3P SHIELD 220MM     | CW601                                                          |
| CONN AS             | 9738828800 | 1    | AWG28 7P SHIELD 100MM     | CW602                                                          |
| CONN AS             | 9738832100 | 1    | 7P 200 P=2.5 BOARDIN      | CN509                                                          |
| CONN AS             | 9738832102 | 1    | 200MM P2.5 7P             | CW509                                                          |
| CONN AS             | 9738833300 | 1    | UL2851 #28 3P SHIELD 250M | CN601                                                          |
| CONN AS             | 9738833500 | 1    | #28 6P SHIELD 250MM       | CN602                                                          |
| CONN AS             | 9738833900 | 2    | #22 8P BOARD-IN 300MM     | CN901 CW901                                                    |
| CONN AS             | 9738834000 | 1    | #26 2.0PITCH 11P FLAT 150 | CN704                                                          |
| CONN AS             | 9738834100 | 1    | #26 13P FLAT 100MM        | CN703                                                          |
| CONN AS             | 9738835800 | 2    | UL2468 #26 P2.0 200MM 3P  | CN705 CW705                                                    |
| CONN AS             | 9738836200 | 2    | UL2468 160MM P2.0 8P/2P   | CN701 CW701                                                    |
| CONN AS             | 9738840800 | 1    | FFC 16P P1.0X250MM R      | CN501                                                          |

## ELECTRICAL PARTS LIST

| Parts Name      | Parts Code  | Q'ty | Description               | Location                                                                                                           |
|-----------------|-------------|------|---------------------------|--------------------------------------------------------------------------------------------------------------------|
| CONN AS         | 9738840900  | 1    | FFC 19P P1.25X110MM K     | CN508                                                                                                              |
| CONN PIN        | 9736407800  | 1    | 53095-1010 10PIN ANGLE    | CN402                                                                                                              |
| CONN WAFER      | 9CD6258800  | 1    | 2P S2B-XH-A               | CW101                                                                                                              |
| CONN WAFER      | 9CD6259300  | 1    | 52807-1610                | CW501                                                                                                              |
| CONN WAFER      | 9CD6259400  | 1    | 2001-WS-12P               | CW507                                                                                                              |
| CONN WAFER      | 9CD6259500  | 1    | 2001-WS-6P                | CW503                                                                                                              |
| CONN WAFER      | 9CD6259600  | 1    | 2503-WS-2P                | CW502                                                                                                              |
| CONN WAFER      | 9736407900  | 1    | 52084-1010 10P BOTTOM     | CW402                                                                                                              |
| CONN WAFER      | 9736408300  | 1    | 52492-1920 19P BOTTOM     | CN508                                                                                                              |
| CONN WAFER      | 9736408400  | 1    | 52045-1945 19P            | CW508                                                                                                              |
| CORD AC         | 9736908100  | 1    | SPT-2 18AWGX2C            | AC901                                                                                                              |
| CRYSTAL QUARTZ  | 5XA32R768-  | 1    | DT-38 32.768KHZ 20PPM     | XC702                                                                                                              |
| DIODE           | DRL202----  | 4    | RL202                     | D905 D906 D907 D908                                                                                                |
| DIODE           | DZN4148---  | 23   | 1N4148 AUTO 52MM          | D201 D301 D302 D401 D402 D404 D501 D502 D606 D607 D608 D609 D704 D706 D707 D708 D709 D710 D711 D712 D713 D801 D912 |
| DIODE           | D1N4001---  | 2    | 1N4001                    | D909 D910                                                                                                          |
| DIODE           | D1N4148---  | 2    | 1N4148 (TAPPING)          | D401 D601                                                                                                          |
| DIODE           | D1N5402---  | 4    | 1N5402                    | D901 D902 D903 D904                                                                                                |
| DIODE ZENER     | DZT212B---  | 1    | MTZ 12V 26MM TAPPING      | DZ903                                                                                                              |
| DIODE ZENER     | DZT23R9B--  | 1    | MTZ3.9B                   | DZ502                                                                                                              |
| DIODE ZENER     | DZT230B---  | 1    | MTZ30B                    | DZ901                                                                                                              |
| DIODE ZENER     | DZT25R6B--  | 3    | UZ-5.6B                   | DZ501 DZ503 DZ504                                                                                                  |
| DIODE ZENER     | DZT26R2B--  | 1    | MTZ6.2B                   | DZ902                                                                                                              |
| FILTER          | 5PPCAZ077   | 1    | PCFAZ077                  | CF201                                                                                                              |
| FILTER CERA     | 5PE107MJA-  | 1    | SFE 10.7MHZ RED           | CF002                                                                                                              |
| FILTER CERA     | 5PE107MS2A  | 1    | SFE107MS2-A               | CF001                                                                                                              |
| FUSE GLASS TUBE | 5F1GB1222M  | 1    | UL/CSA MF51 1.25A 250V NM | F902                                                                                                               |
| IC              | 1BA1450S--  | 1    | BA1450S                   | IC201                                                                                                              |
| IC              | 1BA4560N--  | 2    | BA4560N(H/P AMP)          | IC303 IC402                                                                                                        |
| IC              | 1BU4094BCF  | 2    | BU4094BCF(SOP16)          | IC603 IC706                                                                                                        |
| IC              | 1DBL2084--  | 2    | DBL2084(D/W)              | IC504 IC506                                                                                                        |
| IC              | 1LC72130--  | 1    | LC72130                   | IC202                                                                                                              |
| IC              | 1L4959----  | 1    | L4959                     | IC901                                                                                                              |
| IC              | 1MC7805---- | 1    | MC 7805 (KA7805)          | IC205                                                                                                              |
| IC              | 1MSGEQ5A--  | 1    | MSGEQ5A                   | IC704                                                                                                              |
| IC              | 1M38199516  | 1    | U-COM M38199 (516DP)      | IC701                                                                                                              |
| IC              | 1M51167BFP  | 1    | M51167BFP (SOP36S)        | IC601                                                                                                              |
| IC              | 1M62463FP-  | 1    | M62463FP (PRO-LOGIC)      | IC301                                                                                                              |
| IC              | 1TDA7449L-  | 1    | TDA7449L                  | IC302                                                                                                              |
| IC              | 1UPC1330HA  | 1    | UPC1330HA                 | IC602                                                                                                              |
| IC AUDIO        | 1KA9270---  | 1    | KA9270                    | IC505                                                                                                              |
| IC AUDIO        | 1TDA7439--  | 1    | TDA7439                   | IC401                                                                                                              |

| Parts Name      | Parts Code | Q'ty | Description             | Location                                                                                                                                                                                                                                                                                                                   |
|-----------------|------------|------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IC AUDIO DSP    | 1KA9282B-- | 1    | KA9282B                 | IC502                                                                                                                                                                                                                                                                                                                      |
| IC CHIP         | 1KA9258D-- | 1    | KA9258D                 | IC503                                                                                                                                                                                                                                                                                                                      |
| IC CHIP RF      | 1KA9220B-- | 1    | KA9220B                 | IC501                                                                                                                                                                                                                                                                                                                      |
| IC EEPROM       | 124LC04BP- | 1    | 24LC04BP                | IC702                                                                                                                                                                                                                                                                                                                      |
| IC PRE AMP      | 1TM97CT38P | 1    | LTM97CT-38P             | IC705                                                                                                                                                                                                                                                                                                                      |
| JACK            | 9736322700 | 1    | HSP-243V1-02            | J803                                                                                                                                                                                                                                                                                                                       |
| JACK HEAD-PHONE | 9766319501 | 1    | HTJ-064-05B GOLD        | J801                                                                                                                                                                                                                                                                                                                       |
| JACK RCA        | 9CD6313700 | 1    | S-436P                  | J401                                                                                                                                                                                                                                                                                                                       |
| JACK SPEAKER    | 9736320500 | 1    | CJ-9007-040             | J802                                                                                                                                                                                                                                                                                                                       |
| JUMPER WIRE     | W581GY2005 | 14   | AWG22 1/0.65 SN 20 AUTO | JW429 JW432 JW433 JW437 JW440 JW441 JW443 JW444 JW454 JW455 JW473 JW476 JW477 JW482                                                                                                                                                                                                                                        |
| LED             | DLTL16KEE- | 4    | LTL-16KEE(RED)PI3.1     | LD703 LD706 LD709 LD712                                                                                                                                                                                                                                                                                                    |
| LED             | DLTL16KGE- | 8    | LTL-16KGE(GREEN)PI3.1   | LD701 LD702 LD704 LD705 LD707 LD708 LD710 LD711                                                                                                                                                                                                                                                                            |
| LED             | DLTL307EE- | 2    | LTL-307EE(RED)PI5       | LD714 LD715                                                                                                                                                                                                                                                                                                                |
| PCB CD          | 9CD6574800 | 1    | 247X197                 | B501                                                                                                                                                                                                                                                                                                                       |
| PCB FRONT       | 9CD6575700 | 1    | 197X163X1.6T            | B701                                                                                                                                                                                                                                                                                                                       |
| PCB MAIN        | 9CD6577100 | 1    | 330X197X1.6T            | B001                                                                                                                                                                                                                                                                                                                       |
| PCB POWER       | 9CD6577300 | 1    | 95X101X1.6T             | B001                                                                                                                                                                                                                                                                                                                       |
| PCB TAPE        | 9CD6577200 | 1    | 247X197X1.6T            | B001                                                                                                                                                                                                                                                                                                                       |
| PIN WAFER       | 9736407700 | 1    | 52084-1310 13P BOTTOM   | CW401                                                                                                                                                                                                                                                                                                                      |
| PIN WRAPPING    | 9713550400 | 4    | 1.0X2.5X15              | TP501 TP502 TP503 TP504                                                                                                                                                                                                                                                                                                    |
| PIN WRAPPING    | 9716404000 | 2    | MFZN1.1X1.1 PANASERT    | TP901 TP902                                                                                                                                                                                                                                                                                                                |
| R CARBON FILM   | RD-AZ100J- | 15   | 1/6 10 OHM J            | R004 R009 R206 R255 R545 R762 R815 R816 R817 R818 R831 R832 R833 R834 R901                                                                                                                                                                                                                                                 |
| R CARBON FILM   | RD-AZ101J- | 23   | 1/6 100 OHM J           | R008 R102 R227 R351 R355 R356 R357 R358 R360 R369 R370 R371 R372 R373 R435 R436 R437 R546 R643 R761 R764 R767 R768                                                                                                                                                                                                         |
| R CARBON FILM   | RD-AZ102J- | 63   | 1/6 1K OHM J            | R208 R215 R216 R251 R256 R260 R261 R262 R263 R331 R332 R335 R336 R339 R340 R343 R344 R353 R354 R409 R410 R423 R424 R431 R432 R443 R444 R511 R521 R522 R563 R564 R580 R607 R608 R611 R612 R625 R626 R647 R655 R658 R672 R673 R674 R726 R728 R729 R731 R732 R734 R738 R741 R743 R769 R771 R801 R802 R821 R822 R837 R838 R909 |
| R CARBON FILM   | RD-AZ103J- | 47   | 1/6 10K OHM J           | L208 R213 R214 R254 R257 R258 R347 R348 R401 R402 R441 R442 R447 R448 R579 R615 R616 R633 R634 R645 R646 R651 R652 R659 R675 R701 R702 R704 R707 R709 R713 R714 R715 R727 R730 R735 R736 R747 R773 R774 R775 R836 R840 R903 R912 R913 R914                                                                                 |
| R CARBON FILM   | RD-AZ104F- | 1    | 1/6 100K OHM J 1%       | R367                                                                                                                                                                                                                                                                                                                       |

| Parts Name    | Parts Code | Q'ty | Description    | Location                                                                                                                                                                                                      | Parts Name                                                                                                                                                           | Parts Code | Q'ty | Description                    | Location                                                                                                                                                          |
|---------------|------------|------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| R CARBON FILM | RD-AZ104J- | 37   | 1/6 100K OHM J | R113 R333 R334 R337 R338<br>R341 R342 R345 R346 R351<br>R352 R368 R421 R422 R433<br>R434 R439 R440 R502 R510<br>R518 R519 R548 R549 R567<br>R568 R584 R585 R613 R614<br>R635 R639 R690 R763 R777<br>R778 R839 | R101 R103 R104 R105 R207<br>R210 R405 R406 R547 R561<br>R562 R565 R566 R573 R574<br>R575 R576 R577 R578 R582<br>R583 R605 R606 R636 R637<br>R638 R664 R688 R722 R788 |            |      |                                |                                                                                                                                                                   |
| R CARBON FILM | RD-AZ105J- | 5    | 1/6 1M OHM J   | R505 R508 R559 R560 R641                                                                                                                                                                                      | R CARBON FILM                                                                                                                                                        | RD-AZ473J- | 11   | 1/6 47K OHM J                  | R362 R364 R512 R708 R745<br>R746 R765 R781 R782 R916<br>R917                                                                                                      |
| R CARBON FILM | RD-AZ106J- | 1    | 1/6 10M OHM J  | R759                                                                                                                                                                                                          | R CARBON FILM                                                                                                                                                        | RD-AZ474J- | 7    | 1/6 470K OHM J                 | R217 R218 R501 R540 R631<br>R632 R642                                                                                                                             |
| R CARBON FILM | RD-AZ109J- | 2    | 1/6 1 OHM J    | R906 R907                                                                                                                                                                                                     | R CARBON FILM                                                                                                                                                        | RD-AZ479J- | 1    | 1/6 4.7 OHM J                  | R660                                                                                                                                                              |
| R CARBON FILM | RD-AZ121J- | 1    | 1/6 120 OHM J  | R551                                                                                                                                                                                                          | R CARBON FILM                                                                                                                                                        | RD-AZ560J- | 1    | 1/6 56 OHM J                   | R366                                                                                                                                                              |
| R CARBON FILM | RD-AZ123J- | 12   | 1/6 12K OHM J  | R259 R509 R523 R531 R532<br>R533 R538 R539 R557 R558<br>R619 R620                                                                                                                                             | R CARBON FILM                                                                                                                                                        | RD-AZ561J- | 6    | 1/6 560 OHM J                  | R358 R367 R569 R570 R571<br>R689                                                                                                                                  |
| R CARBON FILM | RD-AZ124J- | 1    | 1/6 120K OHM J | R513                                                                                                                                                                                                          | R CARBON FILM                                                                                                                                                        | RD-AZ562J- | 5    | 1/6 5.6K OHM J                 | R429 R430 R527 R617 R618                                                                                                                                          |
| R CARBON FILM | RD-AZ151J- | 3    | 1/6 150 OHM J  | R352 R361 R370                                                                                                                                                                                                | R CARBON FILM                                                                                                                                                        | RD-AZ563J- | 9    | 1/6 56K OHM J                  | R419 R420 R514 R517 R644<br>R649 R650 R661 R662                                                                                                                   |
| R CARBON FILM | RD-AZ152J- | 6    | 1/6 1.5K OHM J | R609 R610 R719 R720 R721<br>R787                                                                                                                                                                              | R CARBON FILM                                                                                                                                                        | RD-AZ680J- | 2    | 1/6 68 OHM J                   | R601 R602                                                                                                                                                         |
| R CARBON FILM | RD-AZ153J- | 13   | 1/6 15K OHM J  | R360 R361 R403 R404 R411<br>R412 R417 R418 R515 R553<br>R554 R653 R654                                                                                                                                        | R CARBON FILM                                                                                                                                                        | RD-AZ681J- | 5    | 1/6 680 OHM J                  | R006 R629 R630 R757 R758                                                                                                                                          |
| R CARBON FILM | RD-AZ154J- | 3    | 1/6 150K OHM J | R503 R525 R835                                                                                                                                                                                                | R CARBON FILM                                                                                                                                                        | RD-AZ682J- | 5    | 1/6 6.8K OHM J                 | R219 R425 R426 R603 R604                                                                                                                                          |
| R CARBON FILM | RD-AZ181J- | 2    | 1/6 180 OHM J  | R353 R362                                                                                                                                                                                                     | R CARBON FILM                                                                                                                                                        | RD-AZ683J- | 2    | 1/6 68K OHM J                  | R717 R784                                                                                                                                                         |
| R CARBON FILM | RD-AZ182J- | 3    | 1/6 1.8K OHM J | R413 R414 R733                                                                                                                                                                                                | R CARBON FILM                                                                                                                                                        | RD-AZ689J- | 2    | 1/6 6.8 OHM J                  | R739 R744                                                                                                                                                         |
| R CARBON FILM | RD-AZ183J- | 5    | 1/6 18K OHM J  | R201 R203 R526 R621 R622                                                                                                                                                                                      | R CARBON FILM                                                                                                                                                        | RD-AZ752J- | 2    | 1/6 7.5K OHM J                 | R363 R365                                                                                                                                                         |
| R CARBON FILM | RD-AZ184J- | 1    | 1/6 180K OHM J | R504                                                                                                                                                                                                          | R CARBON FILM                                                                                                                                                        | RD-AZ820J- | 1    | 1/6 82 OHM J                   | R506                                                                                                                                                              |
| R CARBON FILM | RD-AZ220J- | 7    | 1/6 22 OHM J   | R445 R446 R453 R454 R455<br>R456 R534                                                                                                                                                                         | R CARBON FILM                                                                                                                                                        | RD-AZ821J- | 2    | 1/6 820 OHM J                  | R359 R368                                                                                                                                                         |
| R CARBON FILM | RD-AZ221J- | 4    | 1/6 220 OHM J  | R369 R552 R904 R905                                                                                                                                                                                           | R CARBON FILM                                                                                                                                                        | RD-AZ822J- | 2    | 1/6 8.2K OHM J                 | R507 R524                                                                                                                                                         |
| R CARBON FILM | RD-AZ222J- | 11   | 1/6 2.2K OHM J | R211 R212 R253 R264 R451<br>R452 R581 R737 R740 R742<br>R910                                                                                                                                                  | R CARBON FILM                                                                                                                                                        | RD-AZ823J- | 2    | 1/6 82K OHM J                  | R535 R536                                                                                                                                                         |
| R CARBON FILM | RD-AZ223J- | 10   | 1/6 22K OHM J  | R107 R528 R530 R724 R725<br>R805 R806 R825 R826 R915                                                                                                                                                          | R CARBON FILM                                                                                                                                                        | RD-2Y229J- | 1    | 1/2 2.2 OHM J                  | R550                                                                                                                                                              |
| R CARBON FILM | RD-AZ224J- | 2    | 1/6 220K OHM J | R766 R770                                                                                                                                                                                                     | R CARBON FILM                                                                                                                                                        | RD-2Y475J- | 1    | 1/2 4.7M OHM J                 | R918                                                                                                                                                              |
| R CARBON FILM | RD-AZ271J- | 6    | 1/6 270 OHM J  | R354 R363 R749 R751 R753<br>R755                                                                                                                                                                              | R CARBON FILM                                                                                                                                                        | RD-4Z100J- | 2    | 1/4 10 OHM J                   | R588 R589                                                                                                                                                         |
| R CARBON FILM | RD-AZ272J- | 4    | 1/6 2.7K OHM J | R222 R223 R427 R428                                                                                                                                                                                           | R FUSIBLE                                                                                                                                                            | RF01F4780J | 2    | 0.47OHM 1W                     | RF901 RF902                                                                                                                                                       |
| R CARBON FILM | RD-AZ273J- | 3    | 1/6 27K OHM J  | R542 R555 R556                                                                                                                                                                                                | R SEMI FIXED                                                                                                                                                         | RV1417222- | 1    | 1/10 2.2K OHM B V6EK-<br>PV1S  | RV601                                                                                                                                                             |
| R CARBON FILM | RD-AZ274J- | 2    | 1/6 270K OHM J | R627 R628                                                                                                                                                                                                     | R SEMI FIXED                                                                                                                                                         | RV6417223- | 3    | VM6CK-PV(1S) B 22K OHM         | RV201 RV501 RV502                                                                                                                                                 |
| R CARBON FILM | RD-AZ331J- | 4    | 1/6 330 OHM J  | R007 R355 R364 R687                                                                                                                                                                                           | RESONATOR                                                                                                                                                            | 5PCSA8MTZ- | 1    | "CSA8MTZ, 8MHZ"                | XC701                                                                                                                                                             |
| R CARBON FILM | RD-AZ332J- | 11   | 1/6 3.3K OHM J | R005 R106 R221 R407 R408<br>R516 R541 R543 R640 R786<br>R902                                                                                                                                                  | RESONATOR<br>CERA                                                                                                                                                    | 5PCSA16R93 | 1    | CSA16.93MXZ04                  | XC501                                                                                                                                                             |
| R CARBON FILM | RD-AZ333J- | 1    | 1/6 33K OHM J  | R716                                                                                                                                                                                                          | SW ENCORDER                                                                                                                                                          | 5SH162401- | 1    | EC16B24204 24P W/<br>DETENT    | VR701                                                                                                                                                             |
| R CARBON FILM | RD-AZ334J- | 4    | 1/6 330K OHM J | R359 R760 R776 R779                                                                                                                                                                                           | SW TACT                                                                                                                                                              | 5S50101001 | 25   | KPT-1105A 1C-1P                | SW701 SW702 SW703 SW704 SW705<br>SW706 SW707 SW708 SW709 SW710<br>SW711 SW712 SW713 SW714 SW715<br>SW716 SW717 SW718 SW719 SW720<br>SW721 SW722 SW723 SW724 SW726 |
| R CARBON FILM | RD-AZ390J- | 2    | 1/6 39 OHM J   | R671 R756                                                                                                                                                                                                     | TR                                                                                                                                                                   | TKRA111M-- | 8    | KRA111-M TAP-<br>PING(KSR2010) | Q613 Q623 Q711 Q712 Q713<br>Q714 Q715 Q904                                                                                                                        |
| R CARBON FILM | RD-AZ391J- | 10   | 1/6 390 OHM J  | R356 R365 R748 R750 R752<br>R754 R803 R804 R823 R824                                                                                                                                                          | TR                                                                                                                                                                   | TKRC107M-- | 6    | KRC107-M TAP-<br>PING(KSR1006) | Q607 Q701 Q708 Q709 Q710<br>Q905                                                                                                                                  |
| R CARBON FILM | RD-AZ392J- | 3    | 1/6 3.9K OHM J | R415 R416 R529                                                                                                                                                                                                | TR                                                                                                                                                                   | TKRC111M-- | 9    | KRC111M (KSR1010)              | Q601 Q602 Q605 Q606 Q608<br>Q625 Q638 Q702 Q703                                                                                                                   |
| R CARBON FILM | RD-AZ393J- | 6    | 1/6 39K OHM J  | R520 R537 R572 R586 R587<br>R718                                                                                                                                                                              | TR                                                                                                                                                                   | TKSA928AY- | 2    | KS A928A-Y                     | Q501 Q502                                                                                                                                                         |
| R CARBON FILM | RD-AZ470J- | 5    | 1/6 47 OHM J   | R003 R209 R252 R656 R663                                                                                                                                                                                      | TR                                                                                                                                                                   | TKSC2331Y- | 1    | KSC2331Y                       | Q503                                                                                                                                                              |
| R CARBON FILM | RD-AZ471J- | 4    | 1/6 470 OHM J  | R357 R366 R908 R911                                                                                                                                                                                           | TR                                                                                                                                                                   | TKSR1003-- | 1    | KSR1003                        | Q504                                                                                                                                                              |

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| Parts Name  | Parts Code | Q'ty | Description              | Location                                                                                 |
|-------------|------------|------|--------------------------|------------------------------------------------------------------------------------------|
| TR          | TKTB1366Y- | 1    | KTB1366Y                 | Q903                                                                                     |
| TR          | TZRA107M-- | 7    | KRA107M (KSR2006)        | Q003 Q301 Q302 Q614 Q615<br>Q616 Q805                                                    |
| TR          | TZRC107M-- | 1    | KRC107M(AUTO)            | Q716                                                                                     |
| TR          | TZTA1266Y- | 1    | KTA1266Y- (AUTO)(1015Y)  | Q637                                                                                     |
| TR          | TZTA1273Y- | 4    | KTA1273Y(966Y)           | Q624 Q705 Q706 Q707                                                                      |
| TR          | TZTA1274Y- | 1    | KTA1274Y-                | Q901                                                                                     |
| TR          | TZTC3194Y- | 1    | KTC3194Y                 | Q001                                                                                     |
| TR          | TZTC3198Y- | 16   | KTC3198Y-(1815Y) (AUTO)  | Q201 Q202 Q303 Q304 Q403<br>Q404 Q505 Q611 Q612 Q621<br>Q622 Q704 Q802 Q803 Q804<br>Q902 |
| TR          | TZTC3205Y- | 1    | KTC3205Y (2236Y)         | Q628                                                                                     |
| TR          | TZTD1302-- | 2    | KTD1302                  | Q401 Q402                                                                                |
| TRANS POWER | 5TP1066783 | 1    | EI=66X50 127V/60HZ       | PT901                                                                                    |
| TUNER PACK  | 9737612700 | 1    | FTA3-503V                | TU001                                                                                    |
| VFD         | DSVA09MM10 | 1    | SVA09MM10                | FD701                                                                                    |
| WIRE JUMPER | W581GY1005 | 137  | AWG22 1/0.65 SN 10 AUTO  | L801 L802 L803 L804                                                                      |
| WIRE JUMPER | W581GY7595 | 69   | AWG22 1/0.65 SN 7.5 AUTO | R002 R819 R820 R827 R828                                                                 |
| X-TAL       | 5XA7R20000 | 1    | 7.2M                     | XC251                                                                                    |
| 1C          | 1TDA7265-- | 2    | TDA7265                  | IC801 IC802                                                                              |

### 3. 516DPR \_ FTZ \_ 2 Band

| Parts Name  | Parts Code | Q'ty | Description               | Location                                                                                                                                                                         |
|-------------|------------|------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AM RF UNIT  | 5LR0000826 | 1    | RBW07VB-K5020             | L101                                                                                                                                                                             |
| ANT AM LOOP | 5LA180K828 | 1    | LOOP-7                    | AT101                                                                                                                                                                            |
| ANTENNA FM  | 9736806000 | 1    | 2M T-ANT                  | AT102                                                                                                                                                                            |
| C CERA      | CCXB1H102K | 1    | 50V B 1000PF K (TAPPING)  | CC720                                                                                                                                                                            |
| C CERA      | CCXF1H103Z | 26   | 50V F 0.01MF Z (TAPPING)  | CC002 CC004 CC102 CC201 CC205<br>CC206 CC207 CC209 CC251 CC252<br>CC257 CC275 CC501 CC502 CC503<br>CC507 CC515 CC521 CC529 CC535<br>CC536 CC709 CC909 CC910 CC911<br>CC912       |
| C CERA      | CCXF1H104Z | 27   | 50V F 0.1MF Z             | CC005 CC006 CC101 CC103 CC202<br>CC307 CC403 CC504 CC505 CC506<br>CC511 CC512 CC513 CC526 CC527<br>CC537 CC544 CC703 CC705 CC706<br>CC710 CC721 CC722 CC723 CC725<br>CC903 CC904 |
| C CERA      | CCXF1H223Z | 7    | 50V F 0.022MF Z (TAPPING) | CC609 CC701 CC704 CC715 CC717<br>CC901 CC908                                                                                                                                     |
| C CERA      | CCXF1H473Z | 9    | 50V F 0.047MF Z (TAPPING) | CC212 CC404 CC509 CC522 CC528<br>CC631 CC905 CC906 CC907                                                                                                                         |
| C CERA      | CCZB1E102K | 6    | 25V B 1000PF K (AXIAL)    | CC001 CC253 CC254 CC520 CC533<br>CC534                                                                                                                                           |
| C CERA      | CCZB1E121K | 2    | 25V B 120PF K (AXIAL)     | CC613 CC614                                                                                                                                                                      |
| C CERA      | CCZB1E151K | 2    | 25V B 150PF K (AXIAL)     | CC531 CC532                                                                                                                                                                      |
| C CERA      | CCZB1E152K | 1    | 25V B 1500PF K (AXIAL)    | CC523                                                                                                                                                                            |
| C CERA      | CCZB1E221K | 6    | 25V B 220PF K (AXIAL)     | CC407 CC408 CC803 CC804 CC811<br>CC812                                                                                                                                           |
| C CERA      | CCZB1E222K | 2    | 25V B 2200PF K (AXIAL)    | CC510 CC516                                                                                                                                                                      |
| C CERA      | CCZB1E223K | 2    | 25V B 0.022MF             | CC814 CC815                                                                                                                                                                      |
| C CERA      | CCZB1E272K | 4    | 25V B 2700PF K (AXIAL)    | CC801 CC802 CC809 CC810                                                                                                                                                          |
| C CERA      | CCZB1E391K | 1    | 25V B 390PF K (AXIAL)     | CC508                                                                                                                                                                            |
| C CERA      | CCZB1E472K | 9    | 25V B 4700PF K (AXIAL)    | CC213 CC518 CC542 CC543 CC805<br>CC806 CC807 CC808 CC813                                                                                                                         |
| C CERA      | CCZB1E561K | 2    | 25V B 560PF K (AXIAL)     | CC210 CC211                                                                                                                                                                      |
| C CERA      | CCZB1E681K | 2    | 25V B 680PF K (AXIAL)     | CC308 CC309                                                                                                                                                                      |
| C CERA      | CCZB1E682K | 2    | 25V B 6800PF K (AXIAL)    | CC204 CC514                                                                                                                                                                      |
| C CERA      | CCZB1E821K | 8    | 25V B 820PF K AXIAL       | CC601 CC602 CC603 CC604 CC605<br>CC606 CC607 CC608                                                                                                                               |
| C CERA      | CCZB1H221K | 1    | 50V B 220PF K             | CC610                                                                                                                                                                            |
| C CERA      | CCZF1H104Z | 1    | 50V HIKF 0.1MF Z          | CC616                                                                                                                                                                            |
| C CERA      | CXCH1H101J | 6    | 50V CH 100PF J (TAPPING)  | CC563 CC707 CC708 CC716 CC719<br>CC724                                                                                                                                           |
| C CERA      | CXCH1H150J | 1    | 50V CH 15PF J (TAPPING)   | CC711                                                                                                                                                                            |
| C CERA      | CXCH1H180J | 1    | 50V CH 18PF J (TAPPING)   | CC712                                                                                                                                                                            |
| C CERA      | CXCH1H330J | 3    | 50V CH 33PF J (TAPPING)   | CC713 CC714 CC718                                                                                                                                                                |
| C CERA      | CZCH1E101J | 11   | CH 25V 100PF J AXL 52MM   | CC203 CC301 CC302 CC303 CC304<br>CC401 CC402 CC405 CC406 CC409<br>CC410                                                                                                          |
| C CERA      | CZCH1E120J | 1    | CH 25V 12PF J             | CC104                                                                                                                                                                            |
| C CERA      | CZCH1E330J | 2    | CH 25V 33PF J AXIAL 52MM  | CC255 CC256                                                                                                                                                                      |
| C CERA      | CZCH1E331J | 1    | CH 25V 330PF J AXIAL 52MM | CC270                                                                                                                                                                            |

## ELECTRICAL PARTS LIST

| Parts Name | Parts Code | Q'ty | Description               | Location                                                                                                                                                    |
|------------|------------|------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C CERA     | CZCH1E470J | 5    | CH 25V 47PF J AX          | CC277 CC305 CC306 CC611 CC612                                                                                                                               |
| C CERA     | CZCH1E609K | 1    | CH 25V 6PF K AXIAL        | CC519                                                                                                                                                       |
| C CERA     | CZCH1E809K | 1    | CH 25V 8PF K AXL 52MM     | CC517                                                                                                                                                       |
| C CERA     | CZCH1E820J | 1    | CH 25V 82PF J AXL 52MM    | CC276                                                                                                                                                       |
| C CERA     | CZCH1H270J | 2    | CH 50V 27PF J AXL 52MM    | CC524 CC525                                                                                                                                                 |
| C ELECTRO  | CEXE1A102A | 1    | 10V RS 1000MF 13X20       | CE704                                                                                                                                                       |
| C ELECTRO  | CEXE1C102A | 1    | 16V RS 1000MF 13X20       | CE515                                                                                                                                                       |
| C ELECTRO  | CEXF1C221V | 5    | 16V RS 220MF (8X11.5) TP  | CE507 CE511 CE512 CE513 CE517                                                                                                                               |
| C ELECTRO  | CEXF1E101V | 14   | 25V RSS 100MF (6.3X11) TP | CE201 CE214 CE251 CE319 CE324 CE506 CE508 CE509 CE510 CE514 CE516 CE524 CE602 CE705                                                                         |
| C ELECTRO  | CEXF1E102V | 1    | 25V RSS 1000MF (13X20) TP | CE903                                                                                                                                                       |
| C ELECTRO  | CEXF1E109V | 1    | 25V RSS 1MF (5X11) TP     | CE802                                                                                                                                                       |
| C ELECTRO  | CEXF1E221V | 5    | 25V RSS 220MF (8X11.5) TP | CE102 CE213 CE317 CE325 CE417                                                                                                                               |
| C ELECTRO  | CEXF1E470V | 19   | 25V RSS 47MF (5X11) TP    | CE001 CE203 CE272 CE315 CE316 CE327 CE518 CE523 CE601 CE603 CE604 CE631 CE632 CE633 CE913 CE914 CE915 CE916 CE917                                           |
| C ELECTRO  | CEXF1H100V | 22   | 50V RSS 10MF (5X11) TP    | CE206 CE301 CE302 CE303 CE304 CE305 CE306 CE307 CE308 CE318 CE418 CE501 CE504 CE605 CE606 CE607 CE608 CE615 CE616 CE617 CE618 CE708                         |
| C ELECTRO  | CEXF1H108V | 3    | 50V RSS 0.1MF (5X11) TP   | CE613 CE614 CE620                                                                                                                                           |
| C ELECTRO  | CEXF1H109V | 18   | 50V RSS 1MF (5X11) TP     | CE205 CE207 CE208 CE209 CE210 CE211 CE313 CE314 CE321 CE609 CE610 CE702 CE801 CE803 CE805 CE806 CE807 CE808                                                 |
| C ELECTRO  | CEXF1H220V | 2    | 50V RSS 22MF (5X11) TP    | CE204 CE619                                                                                                                                                 |
| C ELECTRO  | CEXF1H329V | 26   | 50V RSS 2.2MF (5X11) TP   | CE101 CE309 CE310 CE311 CE312 CE401 CE402 CE403 CE404 CE405 CE406 CE407 CE408 CE411 CE412 CE413 CE414 CE415 CE416 CE419 CE420 CE621 CE706 CE707 CE909 CE910 |
| C ELECTRO  | CEXF1H332V | 2    | RSS 50V 3300MF 26*41      | CE901 CE902                                                                                                                                                 |
| C ELECTRO  | CEXF1H338V | 1    | 50V RSS 0.33MF (5X11) TP  | CE212                                                                                                                                                       |
| C ELECTRO  | CEXF1H339V | 2    | 50V RSS 3.3MF (5X11) TP   | CE202 CE273                                                                                                                                                 |
| C ELECTRO  | CEXF1H470V | 4    | 50V RSS 47MF (6.3X11) TP  | CE905 CE906 CE907 CE908                                                                                                                                     |
| C ELECTRO  | CEXF1H478V | 3    | 50V RSS 0.47MF (5X11) TP  | CE502 CE503 CE505                                                                                                                                           |
| C ELECTRO  | CEXF1H479V | 9    | 50V RSS 4.7MF (5X11) TP   | CE322 CE323 CE326 CE519 CE520 CE521 CE522 CE611 CE612                                                                                                       |
| C ELECTRO  | CEYD1H109F | 2    | 50V RSS 1MF (NON-POLAR)   | CE320 CE328                                                                                                                                                 |
| C ELECTRO  | CEYF1E471V | 1    | 25V RSS 470MF (10X16)     | CE904                                                                                                                                                       |
| C MYLAR    | CMXK1J104J | 8    | MC 63V 0.1MF J            | CM304 CM307 CM317 CM320 CM325 CM326 CM327 CM328                                                                                                             |
| C MYLAR    | CMXK1J224J | 6    | MC 63V 0.22MF J           | CM305 CM306 CM313 CM314 CM315 CM316                                                                                                                         |
| C MYLAR    | CMXK1J684J | 1    | MC 63V 0.68MF J           | CM312                                                                                                                                                       |
| C MYLAR    | CMXM1H102J | 6    | 50V 0.001MF J (TP)        | CM303 CM309 CM611 CM612 CM613 CM614                                                                                                                         |
| C MYLAR    | CMXM1H103J | 10   | 50V 0.01MF J (TP)         | CM202 CM203 CM204 CM205 CM607 CM608 CM901 CM902 CM904 CM905                                                                                                 |
| C MYLAR    | CMXM1H104J | 9    | 50V 0.1MF J               | CM301 CM321 CM324 CM405 CM406 CM407 CM408 CM903 CM906                                                                                                       |

| Parts Name          | Parts Code | Q'ty | Description                 | Location                                  |
|---------------------|------------|------|-----------------------------|-------------------------------------------|
| C MYLAR             | CMXM1H122J | 2    | 50V 0.0012MF J              | CM505 CM506                               |
| C MYLAR             | CMXM1H152K | 2    | 50V 1500 PF K               | CM605 CM606                               |
| C MYLAR             | CMXM1H153J | 1    | 50V 0.015MF J (TP)          | CM201                                     |
| C MYLAR             | CMXM1H183J | 5    | 50V 0.018MF J               | CM401 CM402 CM503 CM603 CM604             |
| C MYLAR             | CMXM1H223J | 7    | 50V 0.022MF J               | CM322 CM323 CM403 CM404 CM601 CM602 CM617 |
| C MYLAR             | CMXM1H332J | 3    | 50V 3300 PF J               | CM615 CM616 CM618                         |
| C MYLAR             | CMXM1H333J | 2    | 50V 0.033MF J (TP)          | CM501 CM504                               |
| C MYLAR             | CMXM1H472J | 2    | 50V 0.0047MF J              | CM302 CM308                               |
| C MYLAR             | CMXM1H473J | 7    | 50V 0.047MF J               | CM311 CM318 CM319 CM801 CM802 CM803 CM804 |
| C MYLAR             | CMXM1H562J | 5    | 50V 5600 PF J               | CM206 CM207 CM310 CM409 CM410             |
| C MYLAR             | CMXM1H682J | 1    | 50V 0.0068MF J              | CM329                                     |
| C MYLAR             | CMXM1H683J | 1    | 50V 0.068 MF J              | CM502                                     |
| CLIP FUSE           | 9734600700 | 2    | FC-5N                       | FC901 FC902                               |
| COIL BIAS OSC       | 5L0503K643 | 1    | SM-10F 5.04MH               | L603                                      |
| COIL CHOKE          | 5LC333K804 | 2    | 33MH K                      | L601 L602                                 |
| COIL CHOKE          | 5LC682K822 | 2    | 6.8MH                       | L204 L205                                 |
| COIL DESCRIMI-NATOR | 5107FBK473 | 1    | 7X7 BLK KSZ-73S             | L203                                      |
| COIL PEAKING        | 5CP2100K02 | 2    | 10UH K (AXIAL 3.5MM)        | L001 L251                                 |
| CONN AS             | 9CD8806500 | 1    | #28 2547*2 1007*2 8P150MM   | CN603                                     |
| CONN AS             | 9736407600 | 1    | PIN BASE 53095-1310 13P     | CN401                                     |
| CONN AS             | 9738828700 | 1    | AWG28 3P SHIELD 220MM       | CW601                                     |
| CONN AS             | 9738828800 | 1    | AWG28 7P SHIELD 100MM       | CW602                                     |
| CONN AS             | 9738832100 | 1    | 7P 200 P=2.5 BOARDIN        | CN509                                     |
| CONN AS             | 9738832102 | 1    | 200MM P2.5 7P               | CW509                                     |
| CONN AS             | 9738833300 | 1    | UL2851 #28 3P SHIELD 250M   | CN601                                     |
| CONN AS             | 9738833500 | 1    | #28 6P SHIELD 250MM         | CN602                                     |
| CONN AS             | 9738833900 | 2    | #22 8P BOARD-IN 300MM       | CN901 CW901                               |
| CONN AS             | 9738834000 | 1    | #26 2.0PITCH 11P FLAT 150   | CN704                                     |
| CONN AS             | 9738834100 | 1    | #26 13P FLAT 100MM          | CN703                                     |
| CONN AS             | 9738835800 | 2    | UL2468 #26 P2.0 200MM 3P    | CN705 CW705                               |
| CONN AS             | 9738836200 | 2    | UL2468 160MM P2.0 8P/2P     | CN701 CW701                               |
| CONN AS             | 9738840800 | 1    | FFC 16P P1.0X250MM R        | CN501                                     |
| CONN AS             | 9738840900 | 1    | FFC 19P P1.25X110MM K       | CN508                                     |
| CONN PIN            | 9736407800 | 1    | 53095-1010 10PIN ANGLE      | CN402                                     |
| CONN WAFER          | 9CD6258800 | 1    | 2P S2B-XH-A                 | CW101                                     |
| CONN WAFER          | 9CD6259300 | 1    | 52807-1610                  | CW501                                     |
| CONN WAFER          | 9CD6259400 | 1    | 2001-WS-12P                 | CW507                                     |
| CONN WAFER          | 9CD6259500 | 1    | 2001-WS-6P                  | CW503                                     |
| CONN WAFER          | 9CD6259600 | 1    | 2503-WS-2P                  | CW502                                     |
| CONN WAFER          | 9736407900 | 1    | 52084-1010 10P BOTTOM       | CW402                                     |
| CONN WAFER          | 9736408300 | 1    | 52492-1920 19P BOTTOM       | CN508                                     |
| CONN WAFER          | 9736408400 | 1    | 52045-1945 19P              | CW508                                     |
| CORD AC             | 9736900200 | 1    | "KKP419C,KLCE-2F,0.75SQURE" | AC901                                     |

## ELECTRICAL PARTS LIST

| Parts Name      | Parts Code | Q'ty | Description              | Location                                                                                                                  |
|-----------------|------------|------|--------------------------|---------------------------------------------------------------------------------------------------------------------------|
| CRYSTAL QUARTZ  | 5XA32R768- | 1    | DT-38 32.768KHZ 20PPM    | XC702                                                                                                                     |
| DIODE           | DRL202---- | 4    | RL202                    | D905 D906 D907 D908                                                                                                       |
| DIODE           | DZN4148--- | 22   | 1N4148 AUTO 52MM         | D201 D301 D302 D401 D402<br>D501 D502 D606 D607 D608<br>D609 D704 D706 D707 D708<br>D709 D710 D711 D712 D713<br>D801 D912 |
| DIODE           | D1N4001--- | 2    | 1N4001                   | D909 D910                                                                                                                 |
| DIODE           | D1N4148--- | 2    | 1N4148 (TAPPING)         | D401 D601                                                                                                                 |
| DIODE           | D1N5402--- | 4    | 1N5402                   | D901 D902 D903 D904                                                                                                       |
| DIODE ZENER     | DZTZ12B--- | 1    | MTZ 12V 26MM TAPPING     | DZ903                                                                                                                     |
| DIODE ZENER     | DZTZ3R9B-- | 1    | MTZ3.9B                  | DZ502                                                                                                                     |
| DIODE ZENER     | DZTZ30B--- | 1    | MTZ30B                   | DZ901                                                                                                                     |
| DIODE ZENER     | DZTZ5R6B-- | 3    | UZ-5.6B                  | DZ501 DZ503 DZ504                                                                                                         |
| DIODE ZENER     | DZTZ6R2B-- | 1    | MTZ6.2B                  | DZ902                                                                                                                     |
| FILTER          | 5PPCFAZ077 | 1    | PCFAZ077                 | CF201                                                                                                                     |
| FILTER CERA     | 5PE107MJA- | 1    | SFE 10.7MHZ RED          | CF002                                                                                                                     |
| FILTER CERA     | 5PE107MS2A | 1    | SFE107MS2-A              | CF001                                                                                                                     |
| FUSE GLASS TUBE | 5FSGB6312L | 1    | SEMKO TL 0.63A 250V MF51 | F901                                                                                                                      |
| IC              | 1BA1450S-- | 1    | BA1450S                  | IC201                                                                                                                     |
| IC              | 1BA4560N-- | 2    | BA4560N(H/P AMP)         | IC303 IC402                                                                                                               |
| IC              | 1BU4094BCF | 2    | BU4094BCF(SOP16)         | IC603 IC706                                                                                                               |
| IC              | 1DBL2084-- | 2    | DBL2084(DIW)             | IC504 IC506                                                                                                               |
| IC              | 1LC72130-- | 1    | LC72130                  | IC202                                                                                                                     |
| IC              | 1L4959---- | 1    | L4959                    | IC901                                                                                                                     |
| IC              | 1MC7805--- | 1    | MC 7805 (KA7805)         | IC205                                                                                                                     |
| IC              | 1MSGEQ5A-- | 1    | MSGEQ5A                  | IC704                                                                                                                     |
| IC              | 1M38199516 | 1    | U-COM M38199 (516DP)     | IC701                                                                                                                     |
| IC              | 1M51167BFP | 1    | M51167BFP (SOP36S)       | IC601                                                                                                                     |
| IC              | 1M62463FP- | 1    | M62463FP (PRO-LOGIC)     | IC301                                                                                                                     |
| IC              | 1TDA7449L- | 1    | TDA7449L                 | IC302                                                                                                                     |
| IC              | 1TDA7479D- | 1    | TDA7479D                 | IC204                                                                                                                     |
| IC              | 1UPC1330HA | 1    | UPC1330HA                | IC602                                                                                                                     |
| IC AUDIO        | 1KA9270--- | 1    | KA9270                   | IC505                                                                                                                     |
| IC AUDIO        | 1TDA7439-- | 1    | TDA7439                  | IC401                                                                                                                     |
| IC AUDIO DSP    | 1KA9282B-- | 1    | KA9282B                  | IC502                                                                                                                     |
| IC CHIP         | 1KA9258D-- | 1    | KA9258D                  | IC503                                                                                                                     |
| IC CHIP RF      | 1KA9220B-- | 1    | KA9220B                  | IC501                                                                                                                     |
| IC EEPROM       | 124LC04BP- | 1    | 24LC04BP                 | IC702                                                                                                                     |
| IC PRE AMP      | 1TM97CT38P | 1    | LTM97CT-38P              | IC705                                                                                                                     |
| JACK            | 9736322700 | 1    | HSP-243V1-02             | J803                                                                                                                      |
| JACK ANT        | 9736321900 | 1    | PAT645                   | J001                                                                                                                      |
| JACK HEAD-PHONE | 9766319501 | 1    | HTJ-064-05B GOLD         | J801                                                                                                                      |
| JACK RCA        | 9CD6313700 | 1    | S-436P                   | J401                                                                                                                      |
| JACK SPEAKER    | 9736320500 | 1    | CJ-9007-040              | J802                                                                                                                      |

| Parts Name    | Parts Code | Q'ty | Description             | Location                                                                                                                                                                                                                                                                                                                                                       |
|---------------|------------|------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| JUMPER WIRE   | W581GY2005 | 14   | AWG22 1/0.65 SN 20 AUTO | JW429 JW432 JW433 JW437 JW440<br>JW441 JW443 JW444 JW454 JW455<br>JW473 JW476 JW477 JW482                                                                                                                                                                                                                                                                      |
| LED           | DLTL16KEE- | 4    | LTL-16KEE(RED)PI3.1     | LD703 LD706 LD709 LD712                                                                                                                                                                                                                                                                                                                                        |
| LED           | DLTL16KGE- | 8    | LTL-16KGE(GREEN)PI3.1   | LD701 LD702 LD704 LD705 LD707<br>LD708 LD710 LD711                                                                                                                                                                                                                                                                                                             |
| LED           | DLTL307EE- | 3    | LTL-307EE(RED)PI5       | LD713 LD714 LD715                                                                                                                                                                                                                                                                                                                                              |
| PCB CD        | 9CD6574800 | 0.5  | 247X197                 | B501                                                                                                                                                                                                                                                                                                                                                           |
| PCB FRONT     | 9CD6575700 | 1    | 197X163X1.6T            | B701                                                                                                                                                                                                                                                                                                                                                           |
| PCB MAIN      | 9CD6577100 | 1    | 330X197X1.6T            | B001                                                                                                                                                                                                                                                                                                                                                           |
| PCB POWER     | 9CD6577300 | 1    | 95X101X1.6T             | B001                                                                                                                                                                                                                                                                                                                                                           |
| PCB TAPE      | 9CD6577200 | 1    | 247X197X1.6T            | B001                                                                                                                                                                                                                                                                                                                                                           |
| PIN WAFER     | 9736407700 | 1    | 52084-1310 13P BOTTOM   | CW401                                                                                                                                                                                                                                                                                                                                                          |
| PIN WRAPPING  | 9713550400 | 4    | 1.0X2.5X15              | TP501 TP502 TP503 TP504                                                                                                                                                                                                                                                                                                                                        |
| PIN WRAPPING  | 9716404000 | 2    | MFZN1.1X1.1 PANASERT    | TP901 TP902                                                                                                                                                                                                                                                                                                                                                    |
| R CARBON FILM | RD-AZ100J- | 15   | 1/6 10 OHM J            | R004 R009 R206 R255 R545<br>R762 R815 R816 R817 R818<br>R831 R832 R833 R834 R901                                                                                                                                                                                                                                                                               |
| R CARBON FILM | RD-AZ101J- | 23   | 1/6 100 OHM J           | R008 R102 R227 R351 R355<br>R356 R357 R358 R360 R369<br>R370 R371 R372 R373 R435<br>R436 R437 R546 R643 R761<br>R764 R767 R768                                                                                                                                                                                                                                 |
| R CARBON FILM | RD-AZ102J- | 63   | 1/6 1K OHM J            | R208 R215 R216 R251 R256<br>R260 R261 R262 R263 R331<br>R332 R335 R336 R339 R340<br>R343 R344 R353 R354 R409<br>R410 R423 R424 R431 R432<br>R443 R444 R511 R521 R522<br>R563 R564 R580 R607 R608<br>R611 R612 R625 R626 R647<br>R655 R658 R672 R673 R674<br>R726 R728 R729 R731 R732<br>R734 R738 R741 R743 R769<br>R771 R801 R802 R821 R822<br>R837 R838 R909 |
| R CARBON FILM | RD-AZ103J- | 50   | 1/6 10K OHM J           | D404 L208 R213 R214 R254<br>R257 R258 R276 R277 R347<br>R348 R401 R402 R441 R442<br>R447 R448 R579 R615 R616<br>R633 R634 R645 R646 R651<br>R652 R659 R675 R701 R702<br>R704 R707 R709 R713 R714<br>R715 R727 R730 R735 R736<br>R747 R773 R774 R775 R836<br>R840 R903 R912 R913 R914                                                                           |
| R CARBON FILM | RD-AZ104F- | 1    | 1/6 100K OHM J 1%       | R367                                                                                                                                                                                                                                                                                                                                                           |
| R CARBON FILM | RD-AZ104J- | 35   | 1/6 100K OHM J          | R113 R333 R334 R337 R338<br>R341 R342 R345 R346 R351<br>R352 R368 R421 R422 R433<br>R434 R502 R510 R518 R519<br>R548 R549 R567 R568 R584<br>R585 R613 R614 R635 R639<br>R690 R763 R777 R778 R839                                                                                                                                                               |
| R CARBON FILM | RD-AZ105J- | 5    | 1/6 1M OHM J            | R505 R508 R559 R560 R641                                                                                                                                                                                                                                                                                                                                       |
| R CARBON FILM | RD-AZ106J- | 1    | 1/6 10M OHM J           | R759                                                                                                                                                                                                                                                                                                                                                           |
| R CARBON FILM | RD-AZ109J- | 2    | 1/6 1 OHM J             | R906 R907                                                                                                                                                                                                                                                                                                                                                      |
| R CARBON FILM | RD-AZ121J- | 1    | 1/6 120 OHM J           | R551                                                                                                                                                                                                                                                                                                                                                           |
| R CARBON FILM | RD-AZ123J- | 12   | 1/6 12K OHM J           | R259 R509 R523 R531 R532<br>R533 R538 R539 R557 R558<br>R619 R620                                                                                                                                                                                                                                                                                              |
| R CARBON FILM | RD-AZ124J- | 1    | 1/6 120K OHM J          | R513                                                                                                                                                                                                                                                                                                                                                           |

## ELECTRICAL PARTS LIST

| Parts Name    | Parts Code | Q'ty | Description    | Location                                                                                                                                              |
|---------------|------------|------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| R CARBON FILM | RD-AZ151J- | 3    | 1/6 150 OHM J  | R352 R361 R370                                                                                                                                        |
| R CARBON FILM | RD-AZ152J- | 6    | 1/6 1.5K OHM J | R609 R610 R719 R720 R721 R787                                                                                                                         |
| R CARBON FILM | RD-AZ153J- | 13   | 1/6 15K OHM J  | R360 R361 R403 R404 R411 R412 R417 R418 R515 R553 R554 R653 R654                                                                                      |
| R CARBON FILM | RD-AZ154J- | 3    | 1/6 150K OHM J | R503 R525 R835                                                                                                                                        |
| R CARBON FILM | RD-AZ181J- | 3    | 1/6 180 OHM J  | R353 R362 R780                                                                                                                                        |
| R CARBON FILM | RD-AZ182J- | 3    | 1/6 1.8K OHM J | R413 R414 R733                                                                                                                                        |
| R CARBON FILM | RD-AZ183J- | 5    | 1/6 18K OHM J  | R201 R203 R526 R621 R622                                                                                                                              |
| R CARBON FILM | RD-AZ184J- | 1    | 1/6 180K OHM J | R504                                                                                                                                                  |
| R CARBON FILM | RD-AZ220J- | 7    | 1/6 22 OHM J   | R445 R446 R453 R454 R455 R456 R534                                                                                                                    |
| R CARBON FILM | RD-AZ221J- | 4    | 1/6 220 OHM J  | R369 R552 R904 R905                                                                                                                                   |
| R CARBON FILM | RD-AZ222J- | 11   | 1/6 2.2K OHM J | R211 R212 R253 R264 R451 R452 R581 R737 R740 R742 R910                                                                                                |
| R CARBON FILM | RD-AZ223J- | 10   | 1/6 22K OHM J  | R107 R528 R530 R724 R725 R805 R806 R825 R826 R915                                                                                                     |
| R CARBON FILM | RD-AZ224J- | 2    | 1/6 220K OHM J | R766 R770                                                                                                                                             |
| R CARBON FILM | RD-AZ271J- | 6    | 1/6 270 OHM J  | R354 R363 R749 R751 R753 R755                                                                                                                         |
| R CARBON FILM | RD-AZ272J- | 4    | 1/6 2.7K OHM J | R222 R223 R427 R428                                                                                                                                   |
| R CARBON FILM | RD-AZ273J- | 3    | 1/6 27K OHM J  | R542 R555 R556                                                                                                                                        |
| R CARBON FILM | RD-AZ274J- | 2    | 1/6 270K OHM J | R627 R628                                                                                                                                             |
| R CARBON FILM | RD-AZ331J- | 4    | 1/6 330 OHM J  | R007 R355 R364 R687                                                                                                                                   |
| R CARBON FILM | RD-AZ332J- | 11   | 1/6 3.3K OHM J | R005 R106 R221 R407 R408 R516 R541 R543 R640 R786 R902                                                                                                |
| R CARBON FILM | RD-AZ333J- | 1    | 1/6 33K OHM J  | R716                                                                                                                                                  |
| R CARBON FILM | RD-AZ334J- | 4    | 1/6 330K OHM J | R359 R760 R776 R779                                                                                                                                   |
| R CARBON FILM | RD-AZ390J- | 2    | 1/6 39 OHM J   | R671 R756                                                                                                                                             |
| R CARBON FILM | RD-AZ391J- | 10   | 1/6 390 OHM J  | R356 R365 R748 R750 R752 R754 R803 R804 R823 R824                                                                                                     |
| R CARBON FILM | RD-AZ392J- | 3    | 1/6 3.9K OHM J | R415 R416 R529                                                                                                                                        |
| R CARBON FILM | RD-AZ393J- | 6    | 1/6 39K OHM J  | R520 R537 R572 R586 R587 R718                                                                                                                         |
| R CARBON FILM | RD-AZ470J- | 6    | 1/6 47 OHM J   | R003 R209 R252 R275 R656 R663                                                                                                                         |
| R CARBON FILM | RD-AZ471J- | 4    | 1/6 470 OHM J  | R357 R366 R908 R911                                                                                                                                   |
| R CARBON FILM | RD-AZ472J- | 30   | 1/6 4.7K OHM J | R101 R103 R104 R105 R207 R210 R405 R406 R547 R561 R562 R565 R566 R573 R574 R575 R576 R577 R578 R582 R583 R605 R606 R636 R637 R638 R664 R688 R722 R788 |
| R CARBON FILM | RD-AZ473J- | 11   | 1/6 47K OHM J  | R362 R364 R512 R708 R745 R746 R765 R781 R782 R916 R917                                                                                                |
| R CARBON FILM | RD-AZ474J- | 9    | 1/6 470K OHM J | R217 R218 R439 R440 R501 R540 R631 R632 R642                                                                                                          |
| R CARBON FILM | RD-AZ479J- | 1    | 1/6 4.7 OHM J  | R660                                                                                                                                                  |
| R CARBON FILM | RD-AZ560J- | 1    | 1/6 56 OHM J   | R366                                                                                                                                                  |
| R CARBON FILM | RD-AZ561J- | 6    | 1/6 560 OHM J  | R358 R367 R569 R570 R571 R689                                                                                                                         |

| Parts Name     | Parts Code | Q'ty | Description                | Location                                                                                                                                              |
|----------------|------------|------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| R CARBON FILM  | RD-AZ562J- | 5    | 1/6 5.6K OHM J             | R429 R430 R527 R617 R618                                                                                                                              |
| R CARBON FILM  | RD-AZ563J- | 9    | 1/6 56K OHM J              | R419 R420 R514 R517 R644 R649 R650 R661 R662                                                                                                          |
| R CARBON FILM  | RD-AZ680J- | 2    | 1/6 68 OHM J               | R601 R602                                                                                                                                             |
| R CARBON FILM  | RD-AZ681J- | 5    | 1/6 680 OHM J              | R006 R629 R630 R757 R758                                                                                                                              |
| R CARBON FILM  | RD-AZ682J- | 5    | 1/6 6.8K OHM J             | R219 R425 R426 R603 R604                                                                                                                              |
| R CARBON FILM  | RD-AZ683J- | 2    | 1/6 68K OHM J              | R717 R784                                                                                                                                             |
| R CARBON FILM  | RD-AZ752J- | 2    | 1/6 7.5K OHM J             | R363 R365                                                                                                                                             |
| R CARBON FILM  | RD-AZ820J- | 1    | 1/6 82 OHM J               | R506                                                                                                                                                  |
| R CARBON FILM  | RD-AZ821J- | 2    | 1/6 820 OHM J              | R359 R368                                                                                                                                             |
| R CARBON FILM  | RD-AZ822J- | 2    | 1/6 8.2K OHM J             | R507 R524                                                                                                                                             |
| R CARBON FILM  | RD-AZ823J- | 2    | 1/6 82K OHM J              | R535 R536                                                                                                                                             |
| R CARBON FILM  | RD-2Y229J- | 1    | 1/2 2.2 OHM J              | R550                                                                                                                                                  |
| R CARBON FILM  | RD-2Y475J- | 1    | 1/2 4.7M OHM J             | R918                                                                                                                                                  |
| R CARBON FILM  | RD-4Z100J- | 2    | 1/4 10 OHM J               | R588 R589                                                                                                                                             |
| R CARBON FILM  | RD-4Z689J- | 2    | 1/4 6.8 OHM J              | R739 R744                                                                                                                                             |
| R FUSIBLE      | RF01F4780J | 2    | 0.47OHM 1W                 | RF901 RF902                                                                                                                                           |
| R SEMI FIXED   | RV1417222- | 1    | 1/10 2.2K OHM B V6EK-PV1S  | RV601                                                                                                                                                 |
| R SEMI FIXED   | RV6417223- | 3    | VM6CK-PV(1S) B 22K OHM     | RV201 RV501 RV502                                                                                                                                     |
| RESONATOR      | 5PCS48MTZ- | 1    | "CSA8MTZ, 8MHZ"            | XC701                                                                                                                                                 |
| RESONATOR CERA | 5PCS16R93  | 1    | CSA16.93MXZ04              | XC501                                                                                                                                                 |
| SW ENCORDER    | 5SH162401- | 1    | EC16B24204 24P W/ DETENT   | VR701                                                                                                                                                 |
| SW TACT        | 5S50101001 | 25   | KPT-1105A 1C-1P            | SW701 SW702 SW703 SW704 SW705 SW706 SW707 SW708 SW709 SW710 SW711 SW712 SW713 SW714 SW715 SW716 SW717 SW718 SW719 SW720 SW721 SW722 SW723 SW724 SW726 |
| TR             | TKRA111M-- | 8    | KRA111-M TAP-PING(KSR2010) | Q613 Q623 Q711 Q712 Q713 Q714 Q715 Q904                                                                                                               |
| TR             | TKRC107M-- | 6    | KRC107-M TAP-PING(KSR1006) | Q607 Q701 Q708 Q709 Q710 Q905                                                                                                                         |
| TR             | TKRC111M-- | 9    | KRC111M (KSR1010)          | Q601 Q602 Q605 Q606 Q608 Q625 Q638 Q702 Q703                                                                                                          |
| TR             | TKSA928AY- | 2    | KSA928A-Y                  | Q501 Q502                                                                                                                                             |
| TR             | TKSC2331Y- | 1    | KSC2331Y                   | Q503                                                                                                                                                  |
| TR             | TKSR1003-- | 1    | KSR1003                    | Q504                                                                                                                                                  |
| TR             | TKTB1366Y- | 1    | KTB1366Y                   | Q903                                                                                                                                                  |
| TR             | TZRA107M-- | 7    | KRA107M (KSR2006)          | Q003 Q301 Q302 Q614 Q615 Q616 Q805                                                                                                                    |
| TR             | TZRC107M-- | 1    | KRC107M(AUTO)              | Q716                                                                                                                                                  |
| TR             | TZTA1266Y- | 1    | KTA1266Y- (AUTO)(1015Y)    | Q637                                                                                                                                                  |
| TR             | TZTA1273Y- | 4    | KTA1273Y(966Y)             | Q624 Q705 Q706 Q707                                                                                                                                   |
| TR             | TZTA1274Y- | 1    | KTA1274Y-                  | Q901                                                                                                                                                  |
| TR             | TZTC3194Y- | 1    | KTC3194Y                   | Q001                                                                                                                                                  |
| TR             | TZTC3198Y- | 16   | KTC3198Y-(1815Y) (AUTO)    | Q201 Q202 Q303 Q304 Q403 Q404 Q505 Q611 Q612 Q621 Q622 Q704 Q802 Q803 Q804 Q902                                                                       |
| TR             | TZTC3205Y- | 1    | KTC3205Y (2236Y)           | Q628                                                                                                                                                  |

## ELECTRICAL PARTS LIST

| Parts Name  | Parts Code | Q'ty | Description              | Location                 |
|-------------|------------|------|--------------------------|--------------------------|
| TR          | TZTD1302-- | 2    | KTD1302                  | Q401 Q402                |
| TRANS POWER | 5TP8066785 | 1    | EI=66X50 230V 50HZ       | PT901                    |
| TUNER PACK  | 9737612700 | 1    | FTA3-503V                | TU001                    |
| VFD         | DSVA09MM10 | 1    | SVA09MM10                | FD701                    |
| WIRE JUMPER | W581GY1005 | 5    | AWG22 1/0.65 SN 10 AUTO  | L270 L801 L802 L803 L804 |
| WIRE JUMPER | W581GY7595 | 70   | AWG22 1/0.65 SN 7.5 AUTO | R002 R819 R820 R827 R828 |
| WIRE LEAD   | 9738834300 | 1    | #26 1P 200MM             | W601                     |
| X-TAL       | 5XA4R332M- | 1    | 4.332M                   | XC270                    |
| X-TAL       | 5XA7R20000 | 1    | 7.2M                     | XC251                    |
| IC          | 1TDA7265-- | 2    | TDA7265                  | IC801 IC802              |

### 4. 517DP \_ FTZ \_ 2 Band

| Parts Name  | Parts Code | Q'ty | Description               | Location                                                                                                                                                          |
|-------------|------------|------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AM RF UNIT  | 5LR0000826 | 1    | RBW07VB-K5020             | L101                                                                                                                                                              |
| ANT AM LOOP | 5LA180K828 | 1    | LOOP-7                    | AT101                                                                                                                                                             |
| ANTENNA FM  | 9736806000 | 1    | 2M T-ANT                  | AT102                                                                                                                                                             |
| C CERA      | CCXF1H103Z | 23   | 50V F 0.01MF Z (TAPPING)  | CC002 CC004 CC102 CC201 CC205<br>CC206 CC207 CC209 CC251 CC252<br>CC501 CC502 CC503 CC507 CC515<br>CC521 CC529 CC535 CC536 CC909<br>CC910 CC911 CC912             |
| C CERA      | CCXF1H104Z | 25   | 50V F 0.1MF Z             | CC005 CC006 CC101 CC103 CC202<br>CC307 CC403 CC504 CC505 CC506<br>CC511 CC512 CC513 CC526 CC527<br>CC537 CC544 CC705 CC708 CC709<br>CC712 CC716 CC723 CC903 CC904 |
| C CERA      | CCXF1H223Z | 8    | 50V F 0.022MF Z (TAPPING) | CC609 CC701 CC703 CC704 CC707<br>CC715 CC901 CC908                                                                                                                |
| C CERA      | CCXF1H473Z | 9    | 50V F 0.047MF Z (TAPPING) | CC212 CC404 CC509 CC522 CC528<br>CC631 CC905 CC906 CC907                                                                                                          |
| C CERA      | CCZB1E102K | 6    | 25V B 1000PF K (AXIAL)    | CC001 CC253 CC254 CC520 CC533<br>CC534                                                                                                                            |
| C CERA      | CCZB1E121K | 2    | 25V B 120PF K (AXIAL)     | CC613 CC614                                                                                                                                                       |
| C CERA      | CCZB1E151K | 2    | 25V B 150PF K (AXIAL)     | CC531 CC532                                                                                                                                                       |
| C CERA      | CCZB1E152K | 1    | 25V B 1500PF K (AXIAL)    | CC523                                                                                                                                                             |
| C CERA      | CCZB1E221K | 6    | 25V B 220PF K (AXIAL)     | CC407 CC408 CC803 CC804 CC811<br>CC812                                                                                                                            |
| C CERA      | CCZB1E222K | 2    | 25V B 2200PF K (AXIAL)    | CC510 CC516                                                                                                                                                       |
| C CERA      | CCZB1E223K | 2    | 25V B 0.022MF             | CC814 CC815                                                                                                                                                       |
| C CERA      | CCZB1E272K | 4    | 25V B 2700PF K (AXIAL)    | CC801 CC802 CC809 CC810                                                                                                                                           |
| C CERA      | CCZB1E391K | 1    | 25V B 390PF K (AXIAL)     | CC508                                                                                                                                                             |
| C CERA      | CCZB1E472K | 9    | 25V B 4700PF K (AXIAL)    | CC213 CC518 CC542 CC543 CC805<br>CC806 CC807 CC808 CC813                                                                                                          |
| C CERA      | CCZB1E561K | 2    | 25V B 560PF K (AXIAL)     | CC210 CC211                                                                                                                                                       |
| C CERA      | CCZB1E681K | 2    | 25V B 680PF K (AXIAL)     | CC308 CC309                                                                                                                                                       |
| C CERA      | CCZB1E682K | 2    | 25V B 6800PF K (AXIAL)    | CC204 CC514                                                                                                                                                       |
| C CERA      | CCZB1E821K | 8    | 25V B 820PF K AXIAL       | CC601 CC602 CC603 CC604 CC605<br>CC606 CC607 CC608                                                                                                                |
| C CERA      | CCZB1H221K | 1    | 50V B 220PF K             | CC610                                                                                                                                                             |
| C CERA      | CCZF1H104Z | 1    | 50V HIKF 0.1MF Z          | CC616                                                                                                                                                             |
| C CERA      | CXCH1H101J | 7    | 50V CH 100PF J (TAPPING)  | CC563 CC710 CC719 CC720 CC724<br>CC725 CC726                                                                                                                      |
| C CERA      | CXCH1H150J | 2    | 50V CH 15PF J (TAPPING)   | CC711 CC717                                                                                                                                                       |
| C CERA      | CXCH1H180J | 1    | 50V CH 18PF J (TAPPING)   | CC718                                                                                                                                                             |
| C CERA      | CXCH1H330J | 3    | 50V CH 33PF J (TAPPING)   | CC706 CC713 CC714                                                                                                                                                 |
| C CERA      | CZCH1E101J | 11   | CH 25V 100PF J AXL 52MM   | CC203 CC301 CC302 CC303 CC304<br>CC401 CC402 CC405 CC406 CC409<br>CC410                                                                                           |
| C CERA      | CZCH1E120J | 1    | CH 25V 12PF J             | CC104                                                                                                                                                             |
| C CERA      | CZCH1E330J | 2    | CH 25V 33PF J AXIAL 52MM  | CC255 CC256                                                                                                                                                       |
| C CERA      | CZCH1E470J | 4    | CH 25V 47PF J AX          | CC305 CC306 CC611 CC612                                                                                                                                           |
| C CERA      | CZCH1E609K | 1    | CH 25V 6PF K AXIAL        | CC519                                                                                                                                                             |
| C CERA      | CZCH1E809K | 1    | CH 25V 8PF K AXL 52MM     | CC517                                                                                                                                                             |
| C CERA      | CZCH1H270J | 2    | CH 50V 27PF J AXL 52MM    | CC524 CC525                                                                                                                                                       |

## ELECTRICAL PARTS LIST

| Parts Name | Parts Code | Q'ty | Description               | Location                                                                                                                                                    |
|------------|------------|------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C ELECTRO  | CEXE1C102A | 1    | 16V RS 1000MF 13X20       | CE515                                                                                                                                                       |
| C ELECTRO  | CEXF1A102V | 1    | 10V RSS 1000MF (10X16) TP | CE706                                                                                                                                                       |
| C ELECTRO  | CEXF1C221V | 5    | 16V RSS 220MF (8X11.5) TP | CE507 CE511 CE512 CE513 CE517                                                                                                                               |
| C ELECTRO  | CEXF1E101V | 13   | 25V RSS 100MF (6.3X11) TP | CE201 CE214 CE251 CE319 CE324 CE506 CE508 CE509 CE510 CE514 CE516 CE524 CE602                                                                               |
| C ELECTRO  | CEXF1E102V | 1    | 25V RSS 1000MF (13X20) TP | CE903                                                                                                                                                       |
| C ELECTRO  | CEXF1E109V | 1    | 25V RSS 1MF (5X11) TP     | CE802                                                                                                                                                       |
| C ELECTRO  | CEXF1E221V | 5    | 25V RSS 220MF (8X11.5) TP | CE102 CE213 CE317 CE325 CE417                                                                                                                               |
| C ELECTRO  | CEXF1E470V | 18   | 25V RSS 47MF (5X11) TP    | CE001 CE203 CE315 CE316 CE327 CE518 CE523 CE601 CE603 CE604 CE631 CE632 CE633 CE913 CE914 CE915 CE916 CE917                                                 |
| C ELECTRO  | CEXF1H100V | 22   | 50V RSS 10MF (5X11) TP    | CE206 CE301 CE302 CE303 CE304 CE305 CE306 CE307 CE308 CE318 CE418 CE501 CE504 CE605 CE606 CE607 CE608 CE615 CE616 CE617 CE618 CE708                         |
| C ELECTRO  | CEXF1H101V | 1    | 50V RSS 100MF (8X11.5) TP | CE707                                                                                                                                                       |
| C ELECTRO  | CEXF1H108V | 3    | 50V RSS 0.1MF (5X11) TP   | CE613 CE614 CE620                                                                                                                                           |
| C ELECTRO  | CEXF1H109V | 18   | 50V RSS 1MF (5X11) TP     | CE205 CE207 CE208 CE209 CE210 CE211 CE313 CE314 CE321 CE609 CE610 CE704 CE801 CE803 CE805 CE806 CE807 CE808                                                 |
| C ELECTRO  | CEXF1H220V | 2    | 50V RSS 22MF (5X11) TP    | CE204 CE619                                                                                                                                                 |
| C ELECTRO  | CEXF1H229V | 26   | 50V RSS 2.2MF (5X11) TP   | CE101 CE309 CE310 CE311 CE312 CE401 CE402 CE403 CE404 CE405 CE406 CE407 CE408 CE411 CE412 CE413 CE414 CE415 CE416 CE419 CE420 CE621 CE701 CE702 CE909 CE910 |
| C ELECTRO  | CEXF1H332V | 2    | RSS 50V 3300MF 26*41      | CE901 CE902                                                                                                                                                 |
| C ELECTRO  | CEXF1H338V | 1    | 50V RSS 0.33MF (5X11) TP  | CE212                                                                                                                                                       |
| C ELECTRO  | CEXF1H339V | 1    | 50V RSS 3.3MF (5X11) TP   | CE202                                                                                                                                                       |
| C ELECTRO  | CEXF1H470V | 4    | 50V RSS 47MF (6.3X11) TP  | CE905 CE906 CE907 CE908                                                                                                                                     |
| C ELECTRO  | CEXF1H478V | 3    | 50V RSS 0.47MF (5X11) TP  | CE502 CE503 CE505                                                                                                                                           |
| C ELECTRO  | CEXF1H479V | 9    | 50V RSS 4.7MF (5X11) TP   | CE322 CE323 CE326 CE519 CE520 CE521 CE522 CE611 CE612                                                                                                       |
| C ELECTRO  | CEYD1H109F | 2    | 50V RSS 1MF (NON-POLAR)   | CE320 CE328                                                                                                                                                 |
| C ELECTRO  | CEYF1E471V | 1    | 25V RSS 470MF (10X16)     | CE904                                                                                                                                                       |
| C MYLAR    | CMXK1J104J | 8    | MC 63V 0.1MF J            | CM304 CM307 CM317 CM320 CM325 CM326 CM327 CM328                                                                                                             |
| C MYLAR    | CMXK1J224J | 6    | MC 63V 0.22MF J           | CM305 CM306 CM313 CM314 CM315 CM316                                                                                                                         |
| C MYLAR    | CMXK1J684J | 1    | MC 63V 0.68MF J           | CM312                                                                                                                                                       |
| C MYLAR    | CMXM1H102J | 6    | 50V 0.001MF J (TP)        | CM303 CM309 CM611 CM612 CM613 CM614                                                                                                                         |
| C MYLAR    | CMXM1H103J | 10   | 50V 0.01MF J (TP)         | CM202 CM203 CM204 CM205 CM607 CM608 CM901 CM902 CM904 CM905                                                                                                 |
| C MYLAR    | CMXM1H104J | 9    | 50V 0.1MF J               | CM301 CM321 CM324 CM405 CM406 CM407 CM408 CM903 CM906                                                                                                       |
| C MYLAR    | CMXM1H122J | 2    | 50V 0.0012MF J            | CM505 CM506                                                                                                                                                 |
| C MYLAR    | CMXM1H152K | 2    | 50V 1500 PF K             | CM605 CM606                                                                                                                                                 |
| C MYLAR    | CMXM1H153J | 1    | 50V 0.015MF J (TP)        | CM201                                                                                                                                                       |
| C MYLAR    | CMXM1H183J | 5    | 50V 0.018MF J             | CM401 CM402 CM503 CM603 CM604                                                                                                                               |

| Parts Name          | Parts Code | Q'ty | Description                 | Location                                  |
|---------------------|------------|------|-----------------------------|-------------------------------------------|
| C MYLAR             | CMXM1H223J | 7    | 50V 0.022MF J               | CM322 CM323 CM403 CM404 CM601 CM602 CM617 |
| C MYLAR             | CMXM1H332J | 3    | 50V 3300 PF J               | CM615 CM616 CM618                         |
| C MYLAR             | CMXM1H333J | 2    | 50V 0.033MF J (TP)          | CM501 CM504                               |
| C MYLAR             | CMXM1H472J | 2    | 50V 0.0047MF J              | CM302 CM308                               |
| C MYLAR             | CMXM1H473J | 7    | 50V 0.047MF J               | CM311 CM318 CM319 CM801 CM802 CM803 CM804 |
| C MYLAR             | CMXM1H562J | 5    | 50V 5600 PF J               | CM206 CM207 CM310 CM409 CM410             |
| C MYLAR             | CMXM1H682J | 1    | 50V 0.0068MF J              | CM329                                     |
| C MYLAR             | CMXM1H683J | 1    | 50V 0.068 MF J              | CM502                                     |
| CLIP FUSE           | 9734600700 | 2    | FC-5N                       | FC901 FC902                               |
| COIL BIAS OSC       | 5L0503K643 | 1    | SM-10F 5.04MH               | L603                                      |
| COIL CHOKE          | 5LC333K804 | 2    | 33MH K                      | L601 L602                                 |
| COIL CHOKE          | 5LC682K822 | 2    | 6.8MH                       | L204 L205                                 |
| COIL DESCRIMI-NATOR | 5107FBK473 | 1    | 7X7 BLK KSZ-73S             | L203                                      |
| COIL PEAKING        | 5CP2100K02 | 2    | 10UH K (AXIAL 3.5MM)        | L001 L251                                 |
| CONN AS             | 9CD8806500 | 1    | #28 2547*2 1007*2 8P150MM   | CN603                                     |
| CONN AS             | 9736407600 | 1    | PIN BASE 53095-1310 13P     | CN401                                     |
| CONN AS             | 9738828700 | 1    | AWG28 3P SHIELD 220MM       | CW601                                     |
| CONN AS             | 9738828800 | 1    | AWG28 7P SHIELD 100MM       | CW602                                     |
| CONN AS             | 9738832100 | 1    | 7P 200 P=2.5 BOARDIN        | CN509                                     |
| CONN AS             | 9738832102 | 1    | 200MM P2.5 7P               | CW509                                     |
| CONN AS             | 9738833300 | 1    | UL2851 #28 3P SHIELD 250M   | CN601                                     |
| CONN AS             | 9738833500 | 1    | #28 6P SHIELD 250MM         | CN602                                     |
| CONN AS             | 9738833900 | 2    | #22 8P BOARD-IN 300MM       | CN901 CW901                               |
| CONN AS             | 9738834000 | 1    | #26 2.0PITCH 11P FLAT 150   | CN703                                     |
| CONN AS             | 9738834100 | 1    | #26 13P FLAT 100MM          | CN704                                     |
| CONN AS             | 9738835800 | 2    | UL2468 #26 P2.0 200MM 3P    | CN705 CW705                               |
| CONN AS             | 9738835900 | 1    | UL2468 200MM P2.0 10P       | CN701                                     |
| CONN AS             | 9738836200 | 1    | UL2468 160MM P2.0 8P/2P     | CW701                                     |
| CONN AS             | 9738840800 | 1    | FFC 16P P1.0X250MM R        | CN501                                     |
| CONN AS             | 9738840900 | 1    | FFC 19P P1.25X110MM K       | CN508                                     |
| CONN PIN            | 9736407800 | 1    | 53095-1010 10PIN ANGLE      | CN402                                     |
| CONN WAFER          | 9CD6258800 | 1    | 2P S2B-XH-A                 | CW101                                     |
| CONN WAFER          | 9CD6259300 | 1    | 52807-1610                  | CW501                                     |
| CONN WAFER          | 9CD6259400 | 1    | 2001-WS-12P                 | CW507                                     |
| CONN WAFER          | 9CD6259500 | 1    | 2001-WS-6P                  | CW503                                     |
| CONN WAFER          | 9CD6259600 | 1    | 2503-WS-2P                  | CW502                                     |
| CONN WAFER          | 9736407900 | 1    | 52084-1010 10P BOTTOM       | CW402                                     |
| CONN WAFER          | 9736408300 | 1    | 52492-1920 19P BOTTOM       | CW702                                     |
| CONN WAFER          | 9736408400 | 1    | 52045-1945 19P              | CW508                                     |
| CORD AC             | 9736900200 | 1    | "KKP419C,KLCE-2F,0.75SQURE" | AC901                                     |
| CRYSTAL QUARTZ      | 5XA32R768- | 1    | DT-38 32.768KHZ 20PPM       | XC702                                     |
| DIODE               | DRL202---- | 4    | RL202                       | D905 D906 D907 D908                       |

## ELECTRICAL PARTS LIST

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|---------------------|------------|------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------|------------|------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIODE               | DZN4148--- | 23   | 1N4148 AUTO 52MM         | D201 D301 D302 D401 D402<br>D404 D501 D502 D606 D607<br>D608 D609 D705 D706 D707<br>D708 D709 D710 D711 D712<br>D713 D801 D912 | PCB FRONT     | 9CD6575900 | 1    | 247X139X1.6T          | B001                                                                                                                                                                                                                                                                                                                                                      |
| DIODE               | D1N4001--- | 2    | 1N4001                   | D909 D910                                                                                                                      | PCB MAIN      | 9CD6577100 | 1    | 330X197X1.6T          | B001                                                                                                                                                                                                                                                                                                                                                      |
| DIODE               | D1N4148--- | 2    | 1N4148 (TAPPING)         | D401 D601                                                                                                                      | PCB POWER     | 9CD6577300 | 1    | 95X101X1.6T           | B001                                                                                                                                                                                                                                                                                                                                                      |
| DIODE               | D1N5402--- | 4    | 1N5402                   | D901 D902 D903 D904                                                                                                            | PCB TAPE      | 9CD6577200 | 1    | 247X197X1.6T          | B001                                                                                                                                                                                                                                                                                                                                                      |
| DIODE ZENER         | DZTZ12B--- | 1    | MTZ 12V 26MM TAPPING     | DZ903                                                                                                                          | PIN WAFER     | 9736407700 | 1    | 52084-1310 13P BOTTOM | CW401                                                                                                                                                                                                                                                                                                                                                     |
| DIODE ZENER         | DZTZ3R9B-- | 1    | MTZ3.9B                  | DZ502                                                                                                                          | PIN WRAPPING  | 9713550400 | 4    | 1.0X2.5X15            | TP501 TP502 TP503 TP504                                                                                                                                                                                                                                                                                                                                   |
| DIODE ZENER         | DZTZ30B--- | 1    | MTZ30B                   | DZ901                                                                                                                          | PIN WRAPPING  | 9716404000 | 2    | MFZN1.1X1.1 PANASERT  | TP901 TP902                                                                                                                                                                                                                                                                                                                                               |
| DIODE ZENER         | DZTZ5R6B-- | 3    | UZ-5.6B                  | DZ501 DZ503 DZ504                                                                                                              | R CARBON FILM | RD-AZ100J- | 15   | 1/6 10 OHM J          | R004 R009 R206 R255 R545<br>R720 R815 R816 R817 R818<br>R831 R832 R833 R834 R901                                                                                                                                                                                                                                                                          |
| DIODE ZENER         | DZTZ6R2B-- | 1    | MTZ6.2B                  | DZ902                                                                                                                          | R CARBON FILM | RD-AZ101J- | 23   | 1/6 100 OHM J         | R008 R102 R227 R301 R304<br>R313 R355 R356 R357 R358<br>R370 R371 R372 R373 R435<br>R436 R437 R546 R643 R719<br>R724 R728 R730                                                                                                                                                                                                                            |
| FILTER              | 5PPCFAZ077 | 1    | PCFAZ077                 | CF201                                                                                                                          | R CARBON FILM | RD-AZ102J- | 62   | 1/6 1K OHM J          | R208 R215 R216 R251 R256<br>R260 R261 R262 R263 R331<br>R332 R335 R336 R339 R340<br>R343 R344 R353 R354 R409<br>R410 R423 R424 R431 R432<br>R443 R444 R511 R521 R522<br>R563 R564 R580 R607 R608<br>R611 R612 R625 R626 R647<br>R655 R658 R672 R673 R674<br>R725 R727 R734 R736 R737<br>R739 R740 R744 R746 R749<br>R801 R802 R821 R822 R837<br>R838 R909 |
| FILTER CERA         | 5PE107MJA- | 1    | SFE 10.7MHZ RED          | CF002                                                                                                                          | R CARBON FILM | RD-AZ103J- | 49   | 1/6 10K OHM J         | L208 R213 R214 R254 R257<br>R258 R347 R348 R401 R402<br>R441 R442 R447 R448 R579<br>R615 R616 R633 R634 R645<br>R646 R651 R652 R659 R675<br>R705 R706 R708 R711 R712<br>R713 R714 R715 R716 R721<br>R722 R731 R733 R735 R738<br>R755 R765 R777 R836 R840<br>R903 R912 R913 R914                                                                           |
| FILTER CERA         | 5PE107MS2A | 1    | SFE107MS2-A              | CF001                                                                                                                          | R CARBON FILM | RD-AZ104F- | 1    | 1/6 100K OHM J 1%     | R367                                                                                                                                                                                                                                                                                                                                                      |
| FUSE GLASS<br>TUBE  | 5FSGB6312L | 1    | SEMKO TL 0.63A 250V MF51 | F901                                                                                                                           | R CARBON FILM | RD-AZ104J- | 36   | 1/6 100K OHM J        | R113 R333 R334 R337 R338<br>R341 R342 R345 R346 R351<br>R352 R368 R421 R422 R433<br>R434 R439 R440 R502 R510<br>R518 R519 R548 R549 R567<br>R568 R584 R585 R613 R614<br>R635 R639 R690 R762 R764<br>R839                                                                                                                                                  |
| IC                  | 1BA1450S-- | 1    | BA1450S                  | IC201                                                                                                                          | R CARBON FILM | RD-AZ105J- | 5    | 1/6 1M OHM J          | R505 R508 R559 R560 R641                                                                                                                                                                                                                                                                                                                                  |
| IC                  | 1BA4560N-- | 2    | BA4560N(H/P AMP)         | IC303 IC402                                                                                                                    | R CARBON FILM | RD-AZ106J- | 1    | 1/6 10M OHM J         | R717                                                                                                                                                                                                                                                                                                                                                      |
| IC                  | 1BU4094BCF | 2    | BU4094BCF(SOP16)         | IC603 IC706                                                                                                                    | R CARBON FILM | RD-AZ109J- | 2    | 1/6 1 OHM J           | R906 R907                                                                                                                                                                                                                                                                                                                                                 |
| IC                  | 1DBL2084-- | 2    | DBL2084(D/W)             | IC504 IC506                                                                                                                    | R CARBON FILM | RD-AZ121J- | 1    | 1/6 120 OHM J         | R551                                                                                                                                                                                                                                                                                                                                                      |
| IC                  | 1LC72130-- | 1    | LC72130                  | IC202                                                                                                                          | R CARBON FILM | RD-AZ123J- | 12   | 1/6 12K OHM J         | R259 R509 R523 R531 R532<br>R533 R538 R539 R557 R558<br>R619 R620                                                                                                                                                                                                                                                                                         |
| IC                  | 1L4959---- | 1    | L4959                    | IC901                                                                                                                          | R CARBON FILM | RD-AZ124J- | 1    | 1/6 120K OHM J        | R513                                                                                                                                                                                                                                                                                                                                                      |
| IC                  | 1MC7805--- | 1    | MC 7805 (KA7805)         | IC205                                                                                                                          | R CARBON FILM | RD-AZ151J- | 3    | 1/6 150 OHM J         | R302 R305 R314                                                                                                                                                                                                                                                                                                                                            |
| IC                  | 1MSGEQ5A-- | 1    | MSGEQ5A                  | IC702                                                                                                                          | R CARBON FILM | RD-AZ152J- | 6    | 1/6 1.5K OHM J        | R322 R609 R610 R778 R779<br>R780                                                                                                                                                                                                                                                                                                                          |
| IC                  | 1M24C04--- | 1    | M24C04-BN6               | IC701                                                                                                                          | R CARBON FILM | RD-AZ153J- | 13   | 1/6 15K OHM J         | R360 R361 R403 R404 R411<br>R412 R417 R418 R515 R553<br>R554 R653 R654                                                                                                                                                                                                                                                                                    |
| IC                  | 1M38199516 | 1    | U-COM M38199 (516DP)     | IC705                                                                                                                          | R CARBON FILM | RD-AZ154J- | 3    | 1/6 150K OHM J        | R503 R525 R835                                                                                                                                                                                                                                                                                                                                            |
| IC                  | 1M51167BFP | 1    | M51167BFP (SOP36S)       | IC601                                                                                                                          |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| IC                  | 1M62463FP- | 1    | M62463FP (PRO-LOGIC)     | IC301                                                                                                                          |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| IC                  | 1TDA7449L- | 1    | TDA7449L                 | IC302                                                                                                                          |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| IC                  | 1UPC1330HA | 1    | UPC1330HA                | IC602                                                                                                                          |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| IC AUDIO            | 1KA9270--- | 1    | KA9270                   | IC505                                                                                                                          |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| IC AUDIO            | 1TDA7439-- | 1    | TDA7439                  | IC401                                                                                                                          |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| IC AUDIO DSP        | 1KA9282B-- | 1    | KA9282B                  | IC502                                                                                                                          |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| IC CHIP             | 1KA9258D-- | 1    | KA9258D                  | IC503                                                                                                                          |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| IC CHIP RF          | 1KA9220B-- | 1    | KA9220B                  | IC501                                                                                                                          |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| IC PRE AMP          | 1TM97CT38P | 1    | LTM97CT-38P              | IC704                                                                                                                          |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| JACK                | 9736322700 | 1    | HSP-243V1-02             | J803                                                                                                                           |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| JACK ANT            | 9736321900 | 1    | PAT645                   | J001                                                                                                                           |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| JACK HEAD-<br>PHONE | 9766319501 | 1    | HTJ-064-05B GOLD         | J801                                                                                                                           |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| JACK RCA            | 9CD6313700 | 1    | S-436P                   | J401                                                                                                                           |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| JACK SPEAKER        | 9736320500 | 1    | CJ-9007-040              | J802                                                                                                                           |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| LED                 | DLTL16KEE- | 4    | LTL-16KEE(RED)PI3.1      | LD703 LD706 LD709 LD712                                                                                                        |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| LED                 | DLTL16KGE- | 8    | LTL-16KGE(GREEN)PI3.1    | LD701 LD702 LD704 LD705 LD707<br>LD708 LD710 LD711                                                                             |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| LED                 | DLTL307EE- | 2    | LTL-307EE(RED)PI5        | LD714 LD715                                                                                                                    |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |
| PCB CD              | 9CD6574800 | 1    | 247X197                  | B501                                                                                                                           |               |            |      |                       |                                                                                                                                                                                                                                                                                                                                                           |

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|---------------|------------|------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| R CARBON FILM | RD-AZ181J- | 3    | 1/6 180 OHM J  | R303 R306 R315                                                                                                                                                       | R CARBON FILM | RD-AZ689J-  | 2    | 1/6 6.8 OHM J                  | R743 R748                                                                                                                                                   |
| R CARBON FILM | RD-AZ182J- | 3    | 1/6 1.8K OHM J | R413 R414 R741                                                                                                                                                       | R CARBON FILM | RD-AZ752J-  | 2    | 1/6 7.5K OHM J                 | R363 R365                                                                                                                                                   |
| R CARBON FILM | RD-AZ183J- | 5    | 1/6 18K OHM J  | R201 R203 R526 R621 R622                                                                                                                                             | R CARBON FILM | RD-AZ820J-  | 1    | 1/6 82 OHM J                   | R506                                                                                                                                                        |
| R CARBON FILM | RD-AZ184J- | 1    | 1/6 180K OHM J | R504                                                                                                                                                                 | R CARBON FILM | RD-AZ821J-  | 2    | 1/6 820 OHM J                  | R312 R321                                                                                                                                                   |
| R CARBON FILM | RD-AZ220J- | 7    | 1/6 22 OHM J   | R445 R446 R453 R454 R455<br>R456 R534                                                                                                                                | R CARBON FILM | RD-AZ822J-  | 2    | 1/6 8.2K OHM J                 | R507 R524                                                                                                                                                   |
| R CARBON FILM | RD-AZ221J- | 4    | 1/6 220 OHM J  | R369 R552 R904 R905                                                                                                                                                  | R CARBON FILM | RD-AZ823J-  | 2    | 1/6 82K OHM J                  | R535 R536                                                                                                                                                   |
| R CARBON FILM | RD-AZ222J- | 12   | 1/6 2.2K OHM J | R211 R212 R253 R264 R451<br>R452 R581 R729 R742 R745<br>R747 R910                                                                                                    | R CARBON FILM | RD-2Y229J-  | 1    | 1/2 2.2 OHM J                  | R550                                                                                                                                                        |
| R CARBON FILM | RD-AZ223J- | 9    | 1/6 22K OHM J  | R107 R528 R530 R753 R805<br>R806 R825 R826 R915                                                                                                                      | R CARBON FILM | RD-2Y475J-  | 1    | 1/2 4.7M OHM J                 | R918                                                                                                                                                        |
| R CARBON FILM | RD-AZ224J- | 2    | 1/6 220K OHM J | R723 R726                                                                                                                                                            | R CARBON FILM | RD-4Z100J-  | 2    | 1/4 10 OHM J                   | R588 R589                                                                                                                                                   |
| R CARBON FILM | RD-AZ271J- | 6    | 1/6 270 OHM J  | R307 R316 R769 R771 R773<br>R775                                                                                                                                     | R FUSIBLE     | RF01F4780J  | 2    | 0.47OHM 1W                     | RF901 RF902                                                                                                                                                 |
| R CARBON FILM | RD-AZ272J- | 4    | 1/6 2.7K OHM J | R222 R223 R427 R428                                                                                                                                                  | R SEMI FIXED  | RV1417222-  | 1    | 1/10 2.2K OHM B V6EK-<br>PV1S  | RV601                                                                                                                                                       |
| R CARBON FILM | RD-AZ273J- | 3    | 1/6 27K OHM J  | R542 R555 R556                                                                                                                                                       | R SEMI FIXED  | RV6417223-  | 3    | VM6CK-PV(1S) B 22K OHM         | RV201 RV501 RV502                                                                                                                                           |
| R CARBON FILM | RD-AZ274J- | 2    | 1/6 270K OHM J | R627 R628                                                                                                                                                            | RESONATOR     | 5PCSABMTZ-  | 1    | "CSA8MTZ, 8MHZ"                | XC701                                                                                                                                                       |
| R CARBON FILM | RD-AZ331J- | 4    | 1/6 330 OHM J  | R007 R308 R317 R687                                                                                                                                                  | RESONATOR     | 5PCSIA16R93 | 1    | CSA16.93MXZ04                  | XC501                                                                                                                                                       |
| R CARBON FILM | RD-AZ332J- | 10   | 1/6 3.3K OHM J | R005 R106 R221 R407 R408<br>R516 R541 R543 R640 R902                                                                                                                 | SW ENCORDER   | 5SH162401-  | 1    | EC16B24204 24P W/<br>DETENT    | VR702                                                                                                                                                       |
| R CARBON FILM | RD-AZ333J- | 1    | 1/6 33K OHM J  | R756                                                                                                                                                                 | SW TACT       | 5S50101001  | 24   | KPT-1105A 1C-1P                | SW701 SW702 SW703 SW704 SW705<br>SW706 SW707 SW708 SW709 SW710<br>SW711 SW712 SW713 SW714 SW715<br>SW716 SW717 SW718 SW719 SW720<br>SW721 SW722 SW723 SW724 |
| R CARBON FILM | RD-AZ334J- | 4    | 1/6 330K OHM J | R359 R718 R761 R763                                                                                                                                                  | TR            | TKRA111M--  | 8    | KRA111-M TAP-<br>PING(KSR2010) | Q613 Q623 Q711 Q712 Q713<br>Q714 Q715 Q904                                                                                                                  |
| R CARBON FILM | RD-AZ390J- | 2    | 1/6 39 OHM J   | R671 R767                                                                                                                                                            | TR            | TKRC107M--  | 7    | KRC107-M TAP-<br>PING(KSR1006) | Q607 Q701 Q706 Q708 Q710<br>Q717 Q905                                                                                                                       |
| R CARBON FILM | RD-AZ391J- | 10   | 1/6 390 OHM J  | R309 R318 R768 R770 R772<br>R774 R803 R804 R823 R824                                                                                                                 | TR            | TKRC111M--  | 9    | KRC111M (KSR1010)              | Q601 Q602 Q605 Q606 Q608<br>Q625 Q638 Q702 Q703                                                                                                             |
| R CARBON FILM | RD-AZ392J- | 3    | 1/6 3.9K OHM J | R415 R416 R529                                                                                                                                                       | TR            | TKSA928AY-  | 2    | KSA928A-Y                      | Q501 Q502                                                                                                                                                   |
| R CARBON FILM | RD-AZ393J- | 6    | 1/6 39K OHM J  | R520 R537 R572 R586 R587<br>R759                                                                                                                                     | TR            | TKSC2331Y-  | 1    | KSC2331Y                       | Q503                                                                                                                                                        |
| R CARBON FILM | RD-AZ470J- | 5    | 1/6 47 OHM J   | R003 R209 R252 R656 R663                                                                                                                                             | TR            | TKSR1003--  | 1    | KSR1003                        | Q504                                                                                                                                                        |
| R CARBON FILM | RD-AZ471J- | 4    | 1/6 470 OHM J  | R310 R319 R908 R911                                                                                                                                                  | TR            | TKTB1366Y-  | 1    | KTB1366Y                       | Q903                                                                                                                                                        |
| R CARBON FILM | RD-AZ472J- | 30   | 1/6 4.7K OHM J | R101 R103 R104 R105 R207<br>R210 R405 R406 R547 R561<br>R562 R565 R566 R573 R574<br>R575 R576 R577 R578 R582<br>R583 R605 R606 R636 R637<br>R638 R664 R688 R752 R787 | TR            | TZRA107M--  | 7    | KRA107M (KSR2006)              | Q003 Q301 Q302 Q614 Q615<br>Q616 Q805                                                                                                                       |
| R CARBON FILM | RD-AZ473J- | 7    | 1/6 47K OHM J  | R362 R364 R512 R750 R751<br>R916 R917                                                                                                                                | TR            | TZRC107M--  | 1    | KRC107M(AUTO)                  | Q716                                                                                                                                                        |
| R CARBON FILM | RD-AZ474J- | 7    | 1/6 470K OHM J | R217 R218 R501 R540 R631<br>R632 R642                                                                                                                                | TR            | TZTA1266Y-  | 1    | KTA1266Y-(AUTO)(1015Y)         | Q637                                                                                                                                                        |
| R CARBON FILM | RD-AZ479J- | 1    | 1/6 4.7 OHM J  | R660                                                                                                                                                                 | TR            | TZTA1273Y-  | 4    | KTA1273Y(966Y)                 | Q624 Q705 Q707 Q709                                                                                                                                         |
| R CARBON FILM | RD-AZ560J- | 1    | 1/6 56 OHM J   | R366                                                                                                                                                                 | TR            | TZTA1274Y-  | 1    | KTA1274Y-                      | Q901                                                                                                                                                        |
| R CARBON FILM | RD-AZ561J- | 6    | 1/6 560 OHM J  | R311 R320 R569 R570 R571<br>R689                                                                                                                                     | TR            | TZTC3194Y-  | 1    | KTC3194Y                       | Q001                                                                                                                                                        |
| R CARBON FILM | RD-AZ562J- | 5    | 1/6 5.6K OHM J | R429 R430 R527 R617 R618                                                                                                                                             | TR            | TZTC3198Y-  | 16   | KTC3198Y-(1815Y) (AUTO)        | Q201 Q202 Q303 Q304 Q403<br>Q404 Q505 Q611 Q612 Q621<br>Q622 Q704 Q802 Q803 Q804<br>Q902                                                                    |
| R CARBON FILM | RD-AZ563J- | 9    | 1/6 56K OHM J  | R419 R420 R514 R517 R644<br>R649 R650 R661 R662                                                                                                                      | TR            | TZTC3205Y-  | 1    | KTC3205Y (2236Y)               | Q628                                                                                                                                                        |
| R CARBON FILM | RD-AZ680J- | 2    | 1/6 68 OHM J   | R601 R602                                                                                                                                                            | TR            | TZTD1302--  | 2    | KTD1302                        | Q401 Q402                                                                                                                                                   |
| R CARBON FILM | RD-AZ681J- | 6    | 1/6 680 OHM J  | R006 R629 R630 R766 R781<br>R782                                                                                                                                     | TRANS POWER   | 5TP8066785  | 1    | EI-66X50 230V 50HZ             | PT901                                                                                                                                                       |
| R CARBON FILM | RD-AZ682J- | 5    | 1/6 6.8K OHM J | R219 R425 R426 R603 R604                                                                                                                                             | TUNER PACK    | 9737612700  | 1    | FTA3-503V                      | TU001                                                                                                                                                       |
| R CARBON FILM | RD-AZ683J- | 2    | 1/6 68K OHM J  | R707 R760                                                                                                                                                            | VFD           | DSVA09MM10  | 1    | SVA09MM10                      | FD701                                                                                                                                                       |
|               |            |      |                |                                                                                                                                                                      | WIRE JUMPER   | W581GY1005  | 4    | AWG22 1/0.65 SN 10 AUTO        | L801 L802 L803 L804                                                                                                                                         |
|               |            |      |                |                                                                                                                                                                      | WIRE JUMPER   | W581GY7595  | 6    | AWG22 1/0.65 SN 7.5 AUTO       | "R002 R703 R819 R820 R827                                                                                                                                   |

## ELECTRICAL PARTS LIST

| Parts Name | Parts Code | Q'ty | Description  | Location    |
|------------|------------|------|--------------|-------------|
| R828"      |            |      |              |             |
| WIRE LEAD  | 9738834300 | 1    | #26 1P 200MM | W601        |
| X-TAL      | 5XA7R20000 | 1    | 7.2M         | XC251       |
| 1C         | 1TDA7265-- | 2    | TDA7265      | IC801 IC802 |

### 5. 517DP \_ UL \_ 2 Band

| Parts Name  | Parts Code | Q'ty | Description               | Location                                                                                                                                              |
|-------------|------------|------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| AM RF UNIT  | 5LR0000826 | 1    | RBW07VB-K5020             | L101                                                                                                                                                  |
| ANT AM LOOP | 5LA180K828 | 1    | LOOP-7                    | AT101                                                                                                                                                 |
| ANTENNA FM  | 9736806000 | 1    | 2M T-ANT                  | AT102                                                                                                                                                 |
| C CERA      | CCXF1H103Z | 23   | 50V F 0.01MF Z (TAPPING)  | CC002 CC004 CC102 CC201 CC205 CC206 CC207 CC209 CC251 CC252 CC501 CC502 CC503 CC507 CC515 CC521 CC529 CC535 CC536 CC909 CC910 CC911 CC912             |
| C CERA      | CCXF1H104Z | 25   | 50V F 0.1MF Z             | CC005 CC006 CC101 CC103 CC202 CC307 CC403 CC504 CC505 CC506 CC511 CC512 CC513 CC526 CC527 CC537 CC544 CC705 CC708 CC709 CC712 CC716 CC723 CC903 CC904 |
| C CERA      | CCXF1H223Z | 8    | 50V F 0.022MF Z (TAPPING) | CC609 CC701 CC703 CC704 CC707 CC715 CC901 CC908                                                                                                       |
| C CERA      | CCXF1H473Z | 9    | 50V F 0.047MF Z (TAPPING) | CC212 CC404 CC509 CC522 CC528 CC631 CC905 CC906 CC907                                                                                                 |
| C CERA      | CCZB1E102K | 6    | 25V B 1000PF K (AXIAL)    | CC001 CC253 CC254 CC520 CC533 CC534                                                                                                                   |
| C CERA      | CCZB1E121K | 2    | 25V B 120PF K (AXIAL)     | CC613 CC614                                                                                                                                           |
| C CERA      | CCZB1E151K | 2    | 25V B 150PF K (AXIAL)     | CC531 CC532                                                                                                                                           |
| C CERA      | CCZB1E152K | 1    | 25V B 1500PF K (AXIAL)    | CC523                                                                                                                                                 |
| C CERA      | CCZB1E221K | 6    | 25V B 220PF K (AXIAL)     | CC407 CC408 CC803 CC804 CC811 CC812                                                                                                                   |
| C CERA      | CCZB1E222K | 2    | 25V B 2200PF K (AXIAL)    | CC510 CC516                                                                                                                                           |
| C CERA      | CCZB1E223K | 2    | 25V B 0.022MF             | CC814 CC815                                                                                                                                           |
| C CERA      | CCZB1E272K | 4    | 25V B 2700PF K (AXIAL)    | CC801 CC802 CC809 CC810                                                                                                                               |
| C CERA      | CCZB1E391K | 1    | 25V B 390PF K (AXIAL)     | CC508                                                                                                                                                 |
| C CERA      | CCZB1E472K | 9    | 25V B 4700PF K (AXIAL)    | CC213 CC518 CC542 CC543 CC805 CC806 CC807 CC808 CC813                                                                                                 |
| C CERA      | CCZB1E561K | 2    | 25V B 560PF K (AXIAL)     | CC210 CC211                                                                                                                                           |
| C CERA      | CCZB1E681K | 2    | 25V B 680PF K (AXIAL)     | CC308 CC309                                                                                                                                           |
| C CERA      | CCZB1E682K | 2    | 25V B 6800PF K (AXIAL)    | CC204 CC514                                                                                                                                           |
| C CERA      | CCZB1E821K | 8    | 25V B 820PF K AXIAL       | CC601 CC602 CC603 CC604 CC605 CC606 CC607 CC608                                                                                                       |
| C CERA      | CCZB1H221K | 1    | 50V B 220PF K             | CC610                                                                                                                                                 |
| C CERA      | CCZF1H104Z | 1    | 50V HIKF 0.1MF Z          | CC616                                                                                                                                                 |
| C CERA      | CXCH1H101J | 7    | 50V CH 100PF J (TAPPING)  | CC563 CC710 CC719 CC720 CC724 CC725 CC726                                                                                                             |

| Parts Name | Parts Code | Q'ty | Description               | Location                                                                                                                                                    |
|------------|------------|------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C CERA     | CXCH1H150J | 2    | 50V CH 15PF J (TAPPING)   | CC711 CC717                                                                                                                                                 |
| C CERA     | CXCH1H180J | 1    | 50V CH 18PF J (TAPPING)   | CC718                                                                                                                                                       |
| C CERA     | CXCH1H330J | 3    | 50V CH 33PF J (TAPPING)   | CC706 CC713 CC714                                                                                                                                           |
| C CERA     | CZCH1E101J | 11   | CH 25V 100PF J AXL 52MM   | CC203 CC301 CC302 CC303 CC304 CC401 CC402 CC405 CC406 CC409 CC410                                                                                           |
| C CERA     | CZCH1E120J | 1    | CH 25V 12PF J             | CC104                                                                                                                                                       |
| C CERA     | CZCH1E330J | 2    | CH 25V 33PF J AXIAL 52MM  | CC255 CC256                                                                                                                                                 |
| C CERA     | CZCH1E470J | 4    | CH 25V 47PF J AX          | CC305 CC306 CC611 CC612                                                                                                                                     |
| C CERA     | CZCH1E609K | 1    | CH 25V 6PF K AXIAL        | CC519                                                                                                                                                       |
| C CERA     | CZCH1E809K | 1    | CH 25V 8PF K AXL 52MM     | CC517                                                                                                                                                       |
| C CERA     | CZCH1H270J | 2    | CH 50V 27PF J AXL 52MM    | CC524 CC525                                                                                                                                                 |
| C ELECTRO  | CEXE1C102A | 1    | 16V RS 1000MF 13X20       | CE515                                                                                                                                                       |
| C ELECTRO  | CEXF1A102V | 1    | 10V RSS 1000MF (10X16) TP | CE706                                                                                                                                                       |
| C ELECTRO  | CEXF1C221V | 5    | 16V RSS 220MF (8X11.5) TP | CE507 CE511 CE512 CE513 CE517                                                                                                                               |
| C ELECTRO  | CEXF1E101V | 13   | 25V RSS 100MF (6.3X11) TP | CE201 CE214 CE251 CE319 CE324 CE506 CE508 CE509 CE510 CE514 CE516 CE524 CE602                                                                               |
| C ELECTRO  | CEXF1E102V | 1    | 25V RSS 1000MF (13X20) TP | CE903                                                                                                                                                       |
| C ELECTRO  | CEXF1E109V | 1    | 25V RSS 1MF (5X11) TP     | CE802                                                                                                                                                       |
| C ELECTRO  | CEXF1E221V | 5    | 25V RSS 220MF (8X11.5) TP | CE102 CE213 CE317 CE325 CE417                                                                                                                               |
| C ELECTRO  | CEXF1E470V | 18   | 25V RSS 47MF (5X11) TP    | CE001 CE203 CE315 CE316 CE327 CE518 CE523 CE601 CE603 CE604 CE631 CE632 CE633 CE913 CE914 CE915 CE916 CE917                                                 |
| C ELECTRO  | CEXF1H100V | 22   | 50V RSS 10MF (5X11) TP    | CE206 CE301 CE302 CE303 CE304 CE305 CE306 CE307 CE308 CE318 CE418 CE501 CE504 CE605 CE606 CE607 CE608 CE615 CE616 CE617 CE618 CE708                         |
| C ELECTRO  | CEXF1H101V | 1    | 50V RSS 100MF (8X11.5) TP | CE707                                                                                                                                                       |
| C ELECTRO  | CEXF1H108V | 3    | 50V RSS 0.1MF (5X11) TP   | CE613 CE614 CE620                                                                                                                                           |
| C ELECTRO  | CEXF1H109V | 18   | 50V RSS 1MF (5X11) TP     | CE205 CE207 CE208 CE209 CE210 CE211 CE313 CE314 CE321 CE609 CE610 CE704 CE801 CE803 CE805 CE806 CE807 CE808                                                 |
| C ELECTRO  | CEXF1H220V | 2    | 50V RSS 22MF (5X11) TP    | CE204 CE619                                                                                                                                                 |
| C ELECTRO  | CEXF1H229V | 26   | 50V RSS 2.2MF (5X11) TP   | CE101 CE309 CE310 CE311 CE312 CE401 CE402 CE403 CE404 CE405 CE406 CE407 CE408 CE411 CE412 CE413 CE414 CE415 CE416 CE419 CE420 CE621 CE701 CE702 CE909 CE910 |
| C ELECTRO  | CEXF1H332V | 2    | RSS 50V 3300MF 26*41      | CE901 CE902                                                                                                                                                 |
| C ELECTRO  | CEXF1H338V | 1    | 50V RSS 0.33MF (5X11) TP  | CE212                                                                                                                                                       |
| C ELECTRO  | CEXF1H339V | 1    | 50V RSS 3.3MF (5X11) TP   | CE202                                                                                                                                                       |
| C ELECTRO  | CEXF1H470V | 4    | 50V RSS 47MF (6.3X11) TP  | CE905 CE906 CE907 CE908                                                                                                                                     |
| C ELECTRO  | CEXF1H478V | 3    | 50V RSS 0.47MF (5X11) TP  | CE502 CE503 CE505                                                                                                                                           |
| C ELECTRO  | CEXF1H479V | 9    | 50V RSS 4.7MF (5X11) TP   | CE322 CE323 CE326 CE519 CE520 CE521 CE522 CE611 CE612                                                                                                       |
| C ELECTRO  | CEYD1H109F | 2    | 50V RSS 1MF (NON-POLAR)   | CE320 CE328                                                                                                                                                 |
| C ELECTRO  | CEYF1E471V | 1    | 25V RSS 470MF (10X16)     | CE904                                                                                                                                                       |
| C MYLAR    | CMXK1J104J | 8    | MC 63V 0.1MF J            | CM304 CM307 CM317 CM320 CM325 CM326 CM327 CM328                                                                                                             |

## ELECTRICAL PARTS LIST

| Parts Name          | Parts Code | Q'ty | Description               | Location                                                    |
|---------------------|------------|------|---------------------------|-------------------------------------------------------------|
| C MYLAR             | CMXK1J224J | 6    | MC 63V 0.22MF J           | CM305 CM306 CM313 CM314 CM315 CM316                         |
| C MYLAR             | CMXK1J684J | 1    | MC 63V 0.68MF J           | CM312                                                       |
| C MYLAR             | CMXM1H102J | 6    | 50V 0.001MF J (TP)        | CM303 CM309 CM611 CM612 CM613 CM614                         |
| C MYLAR             | CMXM1H103J | 10   | 50V 0.01MF J (TP)         | CM202 CM203 CM204 CM205 CM607 CM608 CM901 CM902 CM904 CM905 |
| C MYLAR             | CMXM1H104J | 9    | 50V 0.1MF J               | CM301 CM321 CM324 CM405 CM406 CM407 CM408 CM903 CM906       |
| C MYLAR             | CMXM1H122J | 2    | 50V 0.0012MF J            | CM505 CM506                                                 |
| C MYLAR             | CMXM1H152K | 2    | 50V 1500 PF K             | CM605 CM606                                                 |
| C MYLAR             | CMXM1H153J | 1    | 50V 0.015MF J (TP)        | CM201                                                       |
| C MYLAR             | CMXM1H183J | 5    | 50V 0.018MF J             | CM401 CM402 CM503 CM603 CM604                               |
| C MYLAR             | CMXM1H223J | 7    | 50V 0.022MF J             | CM322 CM323 CM403 CM404 CM601 CM602 CM617                   |
| C MYLAR             | CMXM1H332J | 3    | 50V 3300 PF J             | CM615 CM616 CM618                                           |
| C MYLAR             | CMXM1H333J | 2    | 50V 0.033MF J (TP)        | CM501 CM504                                                 |
| C MYLAR             | CMXM1H472J | 2    | 50V 0.0047MF J            | CM302 CM308                                                 |
| C MYLAR             | CMXM1H473J | 7    | 50V 0.047MF J             | CM311 CM318 CM319 CM801 CM802 CM803 CM804                   |
| C MYLAR             | CMXM1H562J | 5    | 50V 5600 PF J             | CM206 CM207 CM310 CM409 CM410                               |
| C MYLAR             | CMXM1H682J | 1    | 50V 0.0068MF J            | CM329                                                       |
| C MYLAR             | CMXM1H683J | 1    | 50V 0.068 MF J            | CM502                                                       |
| CLIP FUSE           | 9734600700 | 2    | FC-5N                     | FC901 FC902                                                 |
| COIL BIAS OSC       | 5L0503K643 | 1    | SM-10F 5.04MH             | L603                                                        |
| COIL CHOKE          | 5LC333K804 | 2    | 33MH K                    | L601 L602                                                   |
| COIL CHOKE          | 5LC682K822 | 2    | 6.8MH                     | L204 L205                                                   |
| COIL DESCRIMI-NATOR | 5107FBK473 | 1    | 7X7 BLK KSZ-73S           | L203                                                        |
| COIL PEAKING        | 5CPZ100K02 | 2    | 10UH K (AXIAL 3.5MM)      | L001 L251                                                   |
| CONN AS             | 9CD8806500 | 1    | #28 2547*2 1007*2 8P150MM | CN603                                                       |
| CONN AS             | 9736407600 | 1    | PIN BASE 53095-1310 13P   | CN401                                                       |
| CONN AS             | 9738828700 | 1    | AWG28 3P SHIELD 220MM     | CW601                                                       |
| CONN AS             | 9738828800 | 1    | AWG28 7P SHIELD 100MM     | CW602                                                       |
| CONN AS             | 9738832100 | 1    | 7P 200 P-2.5 BOARDIN      | CN509                                                       |
| CONN AS             | 9738832102 | 1    | 200MM P2.5 7P             | CW509                                                       |
| CONN AS             | 9738833300 | 1    | UL2851 #28 3P SHIELD 250M | CN601                                                       |
| CONN AS             | 9738833500 | 1    | #28 6P SHIELD 250MM       | CN602                                                       |
| CONN AS             | 9738833900 | 2    | #22 8P BOARD-IN 300MM     | CN901 CW901                                                 |
| CONN AS             | 9738834000 | 1    | #26 2.0PITCH 11P FLAT 150 | CN703                                                       |
| CONN AS             | 9738834100 | 1    | #26 13P FLAT 100MM        | CN704                                                       |
| CONN AS             | 9738835800 | 2    | UL2468 #26 P2.0 200MM 3P  | CN705 CW705                                                 |
| CONN AS             | 9738835900 | 1    | UL2468 200MM P2.0 10P     | CN701                                                       |
| CONN AS             | 9738836200 | 1    | UL2468 160MM P2.0 8P/2P   | CW701                                                       |
| CONN AS             | 9738840800 | 1    | FFC 16P P1.0X250MM R      | CN501                                                       |
| CONN AS             | 9738840900 | 1    | FFC 19P P1.25X110MM K     | CN508                                                       |
| CONN PIN            | 9736407800 | 1    | 53095-1010 10PIN ANGLE    | CN402                                                       |
| CONN WAFER          | 9CD6258800 | 1    | 2P S2B-XH-A               | CW101                                                       |

| Parts Name      | Parts Code | Q'ty | Description              | Location                                                                                                           |
|-----------------|------------|------|--------------------------|--------------------------------------------------------------------------------------------------------------------|
| CONN WAFER      | 9CD6259300 | 1    | 52807-1610               | CW501                                                                                                              |
| CONN WAFER      | 9CD6259400 | 1    | 2001-WS-12P              | CW507                                                                                                              |
| CONN WAFER      | 9CD6259500 | 1    | 2001-WS-6P               | CW503                                                                                                              |
| CONN WAFER      | 9CD6259600 | 1    | 2503-WS-2P               | CW502                                                                                                              |
| CONN WAFER      | 9736407900 | 1    | 52084-1010 10P BOTTOM    | CW402                                                                                                              |
| CONN WAFER      | 9736408300 | 1    | 52492-1920 19P BOTTOM    | CW702                                                                                                              |
| CONN WAFER      | 9736408400 | 1    | 52045-1945 19P           | CW508                                                                                                              |
| CORD POWER AS   | 9736907200 | 1    | LFC/CD-2/0.75V-75F       | AC901                                                                                                              |
| CRYSTAL QUARTZ  | 5XA32R768- | 1    | DT-38 32.768KHZ 20PPM    | XC702                                                                                                              |
| DIODE           | DRL202---- | 4    | RL202                    | D905 D906 D907 D908                                                                                                |
| DIODE           | DZN4148--- | 23   | 1N4148 AUTO 52MM         | D201 D301 D302 D401 D402 D404 D501 D502 D606 D607 D608 D609 D705 D706 D707 D708 D709 D710 D711 D712 D713 D801 D912 |
| DIODE           | D1N4001--- | 2    | 1N4001                   | D909 D910                                                                                                          |
| DIODE           | D1N4148--- | 2    | 1N4148 (TAPPING)         | D401 D601                                                                                                          |
| DIODE           | D1N5402--- | 4    | 1N5402                   | D901 D902 D903 D904                                                                                                |
| DIODE ZENER     | DZT212B--- | 1    | MTZ 12V 26MM TAPPING     | DZ903                                                                                                              |
| DIODE ZENER     | DZT23R9B-- | 1    | MTZ3.9B                  | DZ502                                                                                                              |
| DIODE ZENER     | DZT230B--- | 1    | MTZ30B                   | DZ901                                                                                                              |
| DIODE ZENER     | DZT25R6B-- | 3    | UZ-5.6B                  | DZ501 DZ503 DZ504                                                                                                  |
| DIODE ZENER     | DZT26R2B-- | 1    | MTZ6.2B                  | DZ902                                                                                                              |
| FILTER          | 5PPCFAZ077 | 1    | PCFAZ077                 | CF201                                                                                                              |
| FILTER CERA     | 5PE107MJA- | 1    | SFE 10.7MHZ RED          | CF002                                                                                                              |
| FILTER CERA     | 5PE107MS2A | 1    | SFE107MS2-A              | CF001                                                                                                              |
| FUSE GLASS TUBE | 5FSGB6312L | 1    | SEMKO TL 0.63A 250V MF51 | F901                                                                                                               |
| IC              | 1BA1450S-- | 1    | BA1450S                  | IC201                                                                                                              |
| IC              | 1BA4560N-- | 2    | BA4560N(H/P AMP)         | IC303 IC402                                                                                                        |
| IC              | 1BU4094BCF | 2    | BU4094BCF(SOP16)         | IC603 IC706                                                                                                        |
| IC              | 1DBL2084-- | 2    | DBL2084(D/W)             | IC504 IC506                                                                                                        |
| IC              | 1LC72130-- | 1    | LC72130                  | IC202                                                                                                              |
| IC              | 1L4959---- | 1    | L4959                    | IC901                                                                                                              |
| IC              | 1MC7805--- | 1    | MC 7805 (KA7805)         | IC205                                                                                                              |
| IC              | 1MSGEQ5A-- | 1    | MSGEQ5A                  | IC702                                                                                                              |
| IC              | 1M24C04--- | 1    | M24C04-BN6               | IC701                                                                                                              |
| IC              | 1M38199516 | 1    | U-COM M38199 (516DP)     | IC705                                                                                                              |
| IC              | 1M51167BFP | 1    | M51167BFP (SOP36S)       | IC601                                                                                                              |
| IC              | 1M62463FP- | 1    | M62463FP (PRO-LOGIC)     | IC301                                                                                                              |
| IC              | 1TDA7449L- | 1    | TDA7449L                 | IC302                                                                                                              |
| IC              | 1UPC1330HA | 1    | UPC1330HA                | IC602                                                                                                              |
| IC AUDIO        | 1KA9270--- | 1    | KA9270                   | IC505                                                                                                              |
| IC AUDIO        | 1TDA7439-- | 1    | TDA7439                  | IC401                                                                                                              |
| IC AUDIO DSP    | 1KA9282B-- | 1    | KA9282B                  | IC502                                                                                                              |
| IC CHIP         | 1KA9258D-- | 1    | KA9258D                  | IC503                                                                                                              |

## ELECTRICAL PARTS LIST

| Parts Name      | Parts Code | Q'ty | Description           | Location                                                                                                                                                                                                                                                                                                              |
|-----------------|------------|------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IC CHIP RF      | 1KA9220B-- | 1    | KA9220B               | IC501                                                                                                                                                                                                                                                                                                                 |
| IC PRE AMP      | 1TM97CT38P | 1    | LTM97CT-38P           | IC704                                                                                                                                                                                                                                                                                                                 |
| JACK            | 9736322700 | 1    | HSP-243V1-02          | J803                                                                                                                                                                                                                                                                                                                  |
| JACK ANT        | 9736321900 | 1    | PAT645                | J001                                                                                                                                                                                                                                                                                                                  |
| JACK HEAD-PHONE | 9766319501 | 1    | HTJ-064-05B GOLD      | J801                                                                                                                                                                                                                                                                                                                  |
| JACK RCA        | 9CD6313700 | 1    | S-436P                | J401                                                                                                                                                                                                                                                                                                                  |
| JACK SPEAKER    | 9736320500 | 1    | CJ-9007-040           | J802                                                                                                                                                                                                                                                                                                                  |
| LED             | DLTL16KEE- | 4    | LTL-16KEE(RED)PI3.1   | LD703 LD706 LD709 LD712                                                                                                                                                                                                                                                                                               |
| LED             | DLTL16KGE- | 8    | LTL-16KGE(GREEN)PI3.1 | LD701 LD702 LD704 LD705 LD707 LD708 LD710 LD711                                                                                                                                                                                                                                                                       |
| LED             | DLTL307EE- | 2    | LTL-307EE(RED)PI5     | LD714 LD715                                                                                                                                                                                                                                                                                                           |
| PCB CD          | 9CD6574800 | 1    | 247X197               | B501                                                                                                                                                                                                                                                                                                                  |
| PCB FRONT       | 9CD6575900 | 1    | 247X139X1.6T          | B001                                                                                                                                                                                                                                                                                                                  |
| PCB MAIN        | 9CD6577100 | 1    | 330X197X1.6T          | B001                                                                                                                                                                                                                                                                                                                  |
| PCB POWER       | 9CD6577300 | 1    | 95X101X1.6T           | B001                                                                                                                                                                                                                                                                                                                  |
| PCB TAPE        | 9CD6577200 | 1    | 247X197X1.6T          | B001                                                                                                                                                                                                                                                                                                                  |
| PIN WAFER       | 9736407700 | 1    | 52084-1310 13P BOTTOM | CW401                                                                                                                                                                                                                                                                                                                 |
| PIN WRAPPING    | 9713550400 | 4    | 1.0X2.5X15            | TP501 TP502 TP503 TP504                                                                                                                                                                                                                                                                                               |
| PIN WRAPPING    | 9716404000 | 2    | MFZNI.1X1.1 PANASERT  | TP901 TP902                                                                                                                                                                                                                                                                                                           |
| R CARBON FILM   | RD-AZ100J- | 15   | 1/6 10 OHM J          | R004 R009 R206 R255 R545 R720 R815 R816 R817 R818 R831 R832 R833 R834 R901                                                                                                                                                                                                                                            |
| R CARBON FILM   | RD-AZ101J- | 23   | 1/6 100 OHM J         | R008 R102 R227 R301 R304 R313 R355 R356 R357 R358 R370 R371 R372 R373 R435 R436 R437 R546 R643 R719 R724 R728 R730                                                                                                                                                                                                    |
| R CARBON FILM   | RD-AZ102J- | 62   | 1/6 1K OHM J          | R208 R215 R216 R251 R256 R260 R261 R262 R263 R331 R332 R335 R336 R339 R340 R343 R344 R353 R354 R409 R410 R423 R424 R431 R432 R443 R444 R511 R521 R522 R563 R564 R580 R607 R608 R611 R612 R625 R626 R647 R655 R658 R672 R673 R674 R725 R727 R734 R736 R737 R739 R740 R744 R746 R749 R801 R802 R821 R822 R837 R838 R909 |
| R CARBON FILM   | RD-AZ103J- | 49   | 1/6 10K OHM J         | L208 R213 R214 R254 R257 R258 R347 R348 R401 R402 R441 R442 R447 R448 R579 R615 R616 R633 R634 R645 R646 R651 R652 R659 R675 R705 R706 R708 R711 R712 R713 R714 R715 R716 R721 R722 R731 R733 R735 R738 R755 R765 R777 R836 R840 R903 R912 R913 R914                                                                  |
| R CARBON FILM   | RD-AZ104F- | 1    | 1/6 100K OHM J 1%     | R367                                                                                                                                                                                                                                                                                                                  |
| R CARBON FILM   | RD-AZ104J- | 36   | 1/6 100K OHM J        | R113 R333 R334 R337 R338 R341 R342 R345 R346 R351 R352 R368 R421 R422 R433 R434 R439 R440 R502 R510 R518 R519 R548 R549 R567 R568 R584 R585 R613 R614 R635 R639 R690 R762 R764 R839                                                                                                                                   |
| R CARBON FILM   | RD-AZ105J- | 5    | 1/6 1M OHM J          | R505 R508 R559 R560 R641                                                                                                                                                                                                                                                                                              |

| Parts Name    | Parts Code | Q'ty | Description    | Location                                                                                                                                              |
|---------------|------------|------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| R CARBON FILM | RD-AZ106J- | 1    | 1/6 10M OHM J  | R717                                                                                                                                                  |
| R CARBON FILM | RD-AZ109J- | 2    | 1/6 1 OHM J    | R906 R907                                                                                                                                             |
| R CARBON FILM | RD-AZ121J- | 1    | 1/6 120 OHM J  | R551                                                                                                                                                  |
| R CARBON FILM | RD-AZ123J- | 12   | 1/6 12K OHM J  | R259 R509 R523 R531 R532 R533 R538 R539 R557 R558 R619 R620                                                                                           |
| R CARBON FILM | RD-AZ124J- | 1    | 1/6 120K OHM J | R513                                                                                                                                                  |
| R CARBON FILM | RD-AZ151J- | 3    | 1/6 150 OHM J  | R302 R305 R314                                                                                                                                        |
| R CARBON FILM | RD-AZ152J- | 6    | 1/6 1.5K OHM J | R322 R609 R610 R778 R779 R780                                                                                                                         |
| R CARBON FILM | RD-AZ153J- | 13   | 1/6 15K OHM J  | R360 R361 R403 R404 R411 R412 R417 R418 R515 R553 R554 R653 R654                                                                                      |
| R CARBON FILM | RD-AZ154J- | 3    | 1/6 150K OHM J | R503 R525 R835                                                                                                                                        |
| R CARBON FILM | RD-AZ181J- | 3    | 1/6 180 OHM J  | R303 R306 R315                                                                                                                                        |
| R CARBON FILM | RD-AZ182J- | 3    | 1/6 1.8K OHM J | R413 R414 R741                                                                                                                                        |
| R CARBON FILM | RD-AZ183J- | 5    | 1/6 18K OHM J  | R201 R203 R526 R621 R622                                                                                                                              |
| R CARBON FILM | RD-AZ184J- | 1    | 1/6 180K OHM J | R504                                                                                                                                                  |
| R CARBON FILM | RD-AZ220J- | 7    | 1/6 22 OHM J   | R445 R446 R453 R454 R455 R456 R534                                                                                                                    |
| R CARBON FILM | RD-AZ221J- | 4    | 1/6 220 OHM J  | R369 R552 R904 R905                                                                                                                                   |
| R CARBON FILM | RD-AZ222J- | 12   | 1/6 2.2K OHM J | R211 R212 R253 R264 R451 R452 R581 R729 R742 R745 R747 R910                                                                                           |
| R CARBON FILM | RD-AZ223J- | 9    | 1/6 22K OHM J  | R107 R528 R530 R753 R805 R806 R825 R826 R915                                                                                                          |
| R CARBON FILM | RD-AZ224J- | 2    | 1/6 220K OHM J | R723 R726                                                                                                                                             |
| R CARBON FILM | RD-AZ271J- | 6    | 1/6 270 OHM J  | R307 R316 R769 R771 R773 R775                                                                                                                         |
| R CARBON FILM | RD-AZ272J- | 4    | 1/6 2.7K OHM J | R222 R223 R427 R428                                                                                                                                   |
| R CARBON FILM | RD-AZ273J- | 3    | 1/6 27K OHM J  | R542 R555 R556                                                                                                                                        |
| R CARBON FILM | RD-AZ274J- | 2    | 1/6 270K OHM J | R627 R628                                                                                                                                             |
| R CARBON FILM | RD-AZ331J- | 4    | 1/6 330 OHM J  | R007 R308 R317 R687                                                                                                                                   |
| R CARBON FILM | RD-AZ332J- | 10   | 1/6 3.3K OHM J | R005 R106 R221 R407 R408 R516 R541 R543 R640 R902                                                                                                     |
| R CARBON FILM | RD-AZ333J- | 1    | 1/6 33K OHM J  | R756                                                                                                                                                  |
| R CARBON FILM | RD-AZ334J- | 4    | 1/6 330K OHM J | R359 R718 R761 R763                                                                                                                                   |
| R CARBON FILM | RD-AZ390J- | 2    | 1/6 39 OHM J   | R671 R767                                                                                                                                             |
| R CARBON FILM | RD-AZ391J- | 10   | 1/6 390 OHM J  | R309 R318 R768 R770 R772 R774 R803 R804 R823 R824                                                                                                     |
| R CARBON FILM | RD-AZ392J- | 3    | 1/6 3.9K OHM J | R415 R416 R529                                                                                                                                        |
| R CARBON FILM | RD-AZ393J- | 6    | 1/6 39K OHM J  | R520 R537 R572 R586 R587 R759                                                                                                                         |
| R CARBON FILM | RD-AZ470J- | 5    | 1/6 47 OHM J   | R003 R209 R252 R656 R663                                                                                                                              |
| R CARBON FILM | RD-AZ471J- | 4    | 1/6 470 OHM J  | R310 R319 R908 R911                                                                                                                                   |
| R CARBON FILM | RD-AZ472J- | 30   | 1/6 4.7K OHM J | R101 R103 R104 R105 R207 R210 R405 R406 R547 R561 R562 R565 R566 R573 R574 R575 R576 R577 R578 R582 R583 R605 R606 R636 R637 R638 R664 R688 R752 R787 |
| R CARBON FILM | RD-AZ473J- | 7    | 1/6 47K OHM J  | R362 R364 R512 R750 R751 R916 R917                                                                                                                    |

## ELECTRICAL PARTS LIST

| Parts Name     | Parts Code | Q'ty | Description               | Location                                     |
|----------------|------------|------|---------------------------|----------------------------------------------|
| R CARBON FILM  | RD-AZ474J- | 7    | 1/6 470K OHM J            | R217 R218 R501 R540 R631 R632 R642           |
| R CARBON FILM  | RD-AZ479J- | 1    | 1/6 4.7 OHM J             | R660                                         |
| R CARBON FILM  | RD-AZ560J- | 1    | 1/6 56 OHM J              | R366                                         |
| R CARBON FILM  | RD-AZ561J- | 6    | 1/6 560 OHM J             | R311 R320 R569 R570 R571 R689                |
| R CARBON FILM  | RD-AZ562J- | 5    | 1/6 5.6K OHM J            | R429 R430 R527 R617 R618                     |
| R CARBON FILM  | RD-AZ563J- | 9    | 1/6 56K OHM J             | R419 R420 R514 R517 R644 R649 R650 R661 R662 |
| R CARBON FILM  | RD-AZ680J- | 2    | 1/6 68 OHM J              | R601 R602                                    |
| R CARBON FILM  | RD-AZ681J- | 6    | 1/6 680 OHM J             | R006 R629 R630 R766 R781 R782                |
| R CARBON FILM  | RD-AZ682J- | 5    | 1/6 6.8K OHM J            | R219 R425 R426 R603 R604                     |
| R CARBON FILM  | RD-AZ683J- | 2    | 1/6 68K OHM J             | R707 R760                                    |
| R CARBON FILM  | RD-AZ689J- | 2    | 1/6 6.8 OHM J             | R743 R748                                    |
| R CARBON FILM  | RD-AZ752J- | 2    | 1/6 7.5K OHM J            | R363 R365                                    |
| R CARBON FILM  | RD-AZ820J- | 1    | 1/6 82 OHM J              | R506                                         |
| R CARBON FILM  | RD-AZ821J- | 2    | 1/6 820 OHM J             | R312 R321                                    |
| R CARBON FILM  | RD-AZ822J- | 2    | 1/6 8.2K OHM J            | R507 R524                                    |
| R CARBON FILM  | RD-AZ823J- | 2    | 1/6 82K OHM J             | R535 R536                                    |
| R CARBON FILM  | RD-2Y229J- | 1    | 1/2 2.2 OHM J             | R550                                         |
| R CARBON FILM  | RD-2Y475J- | 1    | 1/2 4.7M OHM J            | R918                                         |
| R CARBON FILM  | RD-4Z100J- | 2    | 1/4 10 OHM J              | R588 R589                                    |
| R FUSIBLE      | RF01F4780J | 2    | 0.47OHM 1W                | RF901 RF902                                  |
| R SEMI FIXED   | RV141722Z- | 1    | 1/10 2.2K OHM B V6EK-PV1S | RV601                                        |
| R SEMI FIXED   | RV641722Z- | 3    | VM6CK-PV(1S) B 22K OHM    | RV201 RV501 RV502                            |
| REMOCON AS     | 9CDM030600 | 1    | "ARM-2002 (W/UBS,WO/RDS)" | 34000                                        |
| RESONATOR      | 5PCSA8MTZ- | 1    | "CSA8MTZ, 8MHZ"           | XC701                                        |
| RESONATOR CERA | 5PCSA16R93 | 1    | CSA16.93MXZ04             | XC501                                        |
| SW ENCODER     | 5SH162401- | 1    | EC16B24204 24P W/DETENT   | VR702                                        |

| Parts Name  | Parts Code | Q'ty | Description                | Location                                                                                                                                        |
|-------------|------------|------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| SW TACT     | 5S50101001 | 24   | KPT-1105A 1C-1P            | SW701 SW702 SW703 SW704 SW705 SW706 SW707 SW708 SW709 SW710 SW711 SW712 SW713 SW714 SW715 SW716 SW717 SW718 SW719 SW720 SW721 SW722 SW723 SW724 |
| TR          | TKRA111M-- | 8    | KRA111-M TAP-PING(KSR2010) | Q613 Q623 Q711 Q712 Q713 Q714 Q715 Q904                                                                                                         |
| TR          | TKRC107M-- | 7    | KRC107-M TAP-PING(KSR1006) | Q607 Q701 Q706 Q708 Q710 Q717 Q905                                                                                                              |
| TR          | TKRC111M-- | 9    | KRC111M (KSR1010)          | Q601 Q602 Q605 Q606 Q608 Q625 Q638 Q702 Q703                                                                                                    |
| TR          | TKSA928AY- | 2    | KSA928A-Y                  | Q501 Q502                                                                                                                                       |
| TR          | TKSC2331Y- | 1    | KSC2331Y                   | Q503                                                                                                                                            |
| TR          | TKSR1003-- | 1    | KSR1003                    | Q504                                                                                                                                            |
| TR          | KTBT1366Y- | 1    | KTBT1366Y                  | Q903                                                                                                                                            |
| TR          | TZRA107M-- | 7    | KRA107M (KSR2006)          | Q003 Q301 Q302 Q614 Q615 Q616 Q805                                                                                                              |
| TR          | TZRC107M-- | 1    | KRC107M(AUTO)              | Q716                                                                                                                                            |
| TR          | TZTA1266Y- | 1    | KTA1266Y- (AUTO)(1015Y)    | Q637                                                                                                                                            |
| TR          | TZTA1273Y- | 4    | KTA1273Y(966Y)             | Q624 Q705 Q707 Q709                                                                                                                             |
| TR          | TZTA1274Y- | 1    | KTA1274Y-                  | Q901                                                                                                                                            |
| TR          | TZTC3194Y- | 1    | KTC3194Y                   | Q001                                                                                                                                            |
| TR          | TZTC3198Y- | 16   | KTC3198Y-(1815Y) (AUTO)    | Q201 Q202 Q303 Q304 Q403 Q404 Q505 Q611 Q612 Q621 Q622 Q704 Q802 Q803 Q804 Q902                                                                 |
| TR          | TZTC3205Y- | 1    | KTC3205Y (2236Y)           | Q628                                                                                                                                            |
| TR          | TZTD1302-- | 2    | KTD1302                    | Q401 Q402                                                                                                                                       |
| TRANS POWER | 5TPB066786 | 1    | EI=66X50 240V 50HZ         | PT901                                                                                                                                           |
| TUNER PACK  | 9737612700 | 1    | FTA3-503V                  | TU001                                                                                                                                           |
| VFD         | DSVA09MM10 | 1    | SVA09MM10                  | FD701                                                                                                                                           |
| WIRE JUMPER | W581GY1005 | 4    | AWG22 1/0.65 SN 10 AUTO    | L801 L802 L803 L804                                                                                                                             |
| WIRE JUMPER | W581GY7595 | 79   | AWG22 1/0.65 SN 7.5 AUTO   | R002 R703 R819 R820 R827 R828                                                                                                                   |
| WIRE LEAD   | 9738834300 | 1    | #26 1P 200MM               | W601                                                                                                                                            |
| X-TAL       | 5XA7R20000 | 1    | 7.2M                       | XC251                                                                                                                                           |
| 1C          | 1TDA7265-- | 2    | TDA7265                    | IC801 IC802                                                                                                                                     |

## ELECTRICAL PARTS LIST

### 6. 517DPR \_ FTZ \_ 2 Band

| Parts Name  | Parts Code | Q'ty | Description               | Location                                                                                                                                                          | Parts Name | Parts Code | Q'ty                      | Description                                                                         | Location                                                                                                                                                                   |
|-------------|------------|------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|---------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AM RF UNIT  | 5LR0000826 | 1    | RBW07VB-K5020             | L101                                                                                                                                                              | C CERA     | CZCH1E820J | 1                         | CH 25V 82PF J AXL 52MM                                                              | CC276                                                                                                                                                                      |
| ANT AM LOOP | 5LA180K828 | 1    | LOOP-7                    | AT101                                                                                                                                                             | C CERA     | CZCH1H270J | 2                         | CH 50V 27PF J AXL 52MM                                                              | CC524 CC525                                                                                                                                                                |
| ANTENNA FM  | 9736806000 | 1    | 2M T-ANT                  | AT102                                                                                                                                                             | C ELECTRO  | CEXE1C102A | 1                         | 16V RS 1000MF 13X20                                                                 | CE515                                                                                                                                                                      |
| C CERA      | CCXF1H103Z | 25   | 50V F 0.01MF Z (TAPPING)  | CC002 CC004 CC102 CC201 CC205<br>CC206 CC207 CC209 CC251 CC252<br>CC257 CC275 CC501 CC502 CC503<br>CC507 CC515 CC521 CC529 CC535<br>CC536 CC909 CC910 CC911 CC912 | C ELECTRO  | CEXF1A102V | 1                         | 10V RSS 1000MF (10X16) TP                                                           | CE706                                                                                                                                                                      |
|             |            |      |                           | C ELECTRO                                                                                                                                                         | CEXF1C221V | 5          | 16V RSS 220MF (8X11.5) TP | CE507 CE511 CE512 CE513 CE517                                                       |                                                                                                                                                                            |
|             |            |      |                           | C ELECTRO                                                                                                                                                         | CEXF1E101V | 13         | 25V RSS 100MF (6.3X11) TP | CE201 CE214 CE251 CE319 CE324<br>CE506 CE508 CE509 CE510 CE514<br>CE516 CE524 CE602 |                                                                                                                                                                            |
|             |            |      |                           | C ELECTRO                                                                                                                                                         | CEXF1E102V | 1          | 25V RSS 1000MF (13X20) TP | CE903                                                                               |                                                                                                                                                                            |
| C CERA      | CCXF1H104Z | 25   | 50V F 0.1MF Z             | CC005 CC006 CC101 CC103 CC202<br>CC307 CC403 CC504 CC505 CC506<br>CC511 CC512 CC513 CC526 CC527<br>CC537 CC544 CC705 CC708 CC709<br>CC712 CC716 CC723 CC903 CC904 | C ELECTRO  | CEXF1E109V | 1                         | 25V RSS 1MF (5X11) TP                                                               | CE802                                                                                                                                                                      |
| C CERA      | CCXF1H223Z | 8    | 50V F 0.022MF Z (TAPPING) | CC609 CC701 CC703 CC704 CC707<br>CC715 CC901 CC908                                                                                                                | C ELECTRO  | CEXF1E221V | 5                         | 25V RSS 220MF (8X11.5) TP                                                           | CE102 CE213 CE317 CE325 CE417                                                                                                                                              |
| C CERA      | CCXF1H473Z | 9    | 50V F 0.047MF Z (TAPPING) | CC212 CC404 CC509 CC522 CC528<br>CC631 CC905 CC906 CC907                                                                                                          | C ELECTRO  | CEXF1E470V | 19                        | 25V RSS 47MF (5X11) TP                                                              | CE001 CE203 CE272 CE315 CE316<br>CE327 CE518 CE523 CE601 CE603<br>CE604 CE631 CE632 CE633 CE913<br>CE914 CE915 CE916 CE917                                                 |
| C CERA      | CCZB1E102K | 6    | 25V B 1000PF K (AXIAL)    | CC001 CC253 CC254 CC520 CC533<br>CC534                                                                                                                            | C ELECTRO  | CEXF1H100V | 22                        | 50V RSS 10MF (5X11) TP                                                              | CE206 CE301 CE302 CE303 CE304<br>CE305 CE306 CE307 CE308 CE318<br>CE418 CE501 CE504 CE605 CE606<br>CE607 CE608 CE615 CE616 CE617<br>CE618 CE708                            |
| C CERA      | CCZB1E121K | 2    | 25V B 120PF K (AXIAL)     | CC613 CC614                                                                                                                                                       |            |            |                           |                                                                                     |                                                                                                                                                                            |
| C CERA      | CCZB1E151K | 2    | 25V B 150PF K (AXIAL)     | CC531 CC532                                                                                                                                                       |            |            |                           |                                                                                     |                                                                                                                                                                            |
| C CERA      | CCZB1E152K | 1    | 25V B 1500PF K (AXIAL)    | CC523                                                                                                                                                             |            |            |                           |                                                                                     |                                                                                                                                                                            |
| C CERA      | CCZB1E221K | 6    | 25V B 220PF K (AXIAL)     | CC407 CC408 CC803 CC804 CC811<br>CC812                                                                                                                            | C ELECTRO  | CEXF1H101V | 1                         | 50V RSS 100MF (8X11.5) TP                                                           | CE707                                                                                                                                                                      |
| C CERA      | CCZB1E222K | 2    | 25V B 2200PF K (AXIAL)    | CC510 CC516                                                                                                                                                       | C ELECTRO  | CEXF1H108V | 3                         | 50V RSS 0.1MF (5X11) TP                                                             | CE613 CE614 CE620                                                                                                                                                          |
| C CERA      | CCZB1E223K | 2    | 25V B 0.022MF             | CC814 CC815                                                                                                                                                       | C ELECTRO  | CEXF1H109V | 18                        | 50V RSS 1MF (5X11) TP                                                               | CE205 CE207 CE208 CE209 CE210<br>CE211 CE313 CE314 CE321 CE609<br>CE610 CE704 CE801 CE803 CE805<br>CE806 CE807 CE808                                                       |
| C CERA      | CCZB1E272K | 4    | 25V B 2700PF K(AXIAL)     | CC801 CC802 CC809 CC810                                                                                                                                           |            |            |                           |                                                                                     | C ELECTRO                                                                                                                                                                  |
| C CERA      | CCZB1E391K | 1    | 25V B 390PF K (AXIAL)     | CC508                                                                                                                                                             | C ELECTRO  | CEXF1H229V | 26                        | 50V RSS 2.2MF (5X11) TP                                                             | CE101 CE309 CE310 CE311 CE312<br>CE401 CE402 CE403 CE404 CE405<br>CE406 CE407 CE408 CE411 CE412<br>CE413 CE414 CE415 CE416 CE419<br>CE420 CE621 CE701 CE702 CE909<br>CE910 |
| C CERA      | CCZB1E472K | 9    | 25V B 4700PF K (AXIAL)    | CC213 CC518 CC542 CC543 CC805<br>CC806 CC807 CC808 CC813                                                                                                          |            |            |                           |                                                                                     |                                                                                                                                                                            |
| C CERA      | CCZB1E561K | 2    | 25V B 560PF K (AXIAL)     | CC210 CC211                                                                                                                                                       |            |            |                           |                                                                                     |                                                                                                                                                                            |
| C CERA      | CCZB1E681K | 2    | 25V B 680PF K (AXIAL)     | CC308 CC309                                                                                                                                                       |            |            |                           |                                                                                     |                                                                                                                                                                            |
| C CERA      | CCZB1E682K | 2    | 25V B 6800PF K (AXIAL)    | CC204 CC514                                                                                                                                                       | C ELECTRO  | CEXF1H332V | 2                         | RSS 50V 3300MF 26*41                                                                | CE901 CE902                                                                                                                                                                |
| C CERA      | CCZB1E821K | 8    | 25V B 820PF K AXIAL       | CC601 CC602 CC603 CC604 CC605<br>CC606 CC607 CC608                                                                                                                | C ELECTRO  | CEXF1H338V | 1                         | 50V RSS 0.33MF (5X11) TP                                                            | CE212                                                                                                                                                                      |
| C CERA      | CCZB1H221K | 1    | 50V B 220PF K             | CC610                                                                                                                                                             | C ELECTRO  | CEXF1H339V | 2                         | 50V RSS 3.3MF (5X11) TP                                                             | CE202 CE273                                                                                                                                                                |
| C CERA      | CCZF1H104Z | 1    | 50V HIKF 0.1MF Z          | CC616                                                                                                                                                             | C ELECTRO  | CEXF1H470V | 4                         | 50V RSS 47MF (6.3X11) TP                                                            | CE905 CE906 CE907 CE908                                                                                                                                                    |
| C CERA      | CXCH1H101J | 7    | 50V CH 100PF J (TAPPING)  | CC563 CC710 CC719 CC720 CC724<br>CC725 CC726                                                                                                                      | C ELECTRO  | CEXF1H478V | 3                         | 50V RSS 0.47MF (5X11) TP                                                            | CE502 CE503 CE505                                                                                                                                                          |
| C CERA      | CXCH1H150J | 2    | 50V CH 15PF J (TAPPING)   | CC711 CC717                                                                                                                                                       | C ELECTRO  | CEXF1H479V | 9                         | 50V RSS 4.7MF (5X11) TP                                                             | CE322 CE323 CE326 CE519 CE520<br>CE521 CE522 CE611 CE612                                                                                                                   |
| C CERA      | CXCH1H180J | 1    | 50V CH 18PF J (TAPPING)   | CC718                                                                                                                                                             | C ELECTRO  | CEYD1H109F | 2                         | 50V RSS 1MF (NON-POLAR)                                                             | CE320 CE328                                                                                                                                                                |
| C CERA      | CXCH1H330J | 3    | 50V CH 33PF J (TAPPING)   | CC706 CC713 CC714                                                                                                                                                 | C ELECTRO  | CEYF1E471V | 1                         | 25V RSS 470MF (10X16)                                                               | CE904                                                                                                                                                                      |
| C CERA      | CZCH1E101J | 11   | CH 25V 100PF J AXL 52MM   | CC203 CC301 CC302 CC303 CC304<br>CC401 CC402 CC405 CC406 CC409<br>CC410                                                                                           | C MYLAR    | CMXK1J104J | 8                         | MC 63V 0.1MF J                                                                      | CM304 CM307 CM317 CM320 CM325<br>CM326 CM327 CM328                                                                                                                         |
| C CERA      | CZCH1E120J | 1    | CH 25V 12PF J             | CC104                                                                                                                                                             | C MYLAR    | CMXK1J224J | 6                         | MC 63V 0.22MF J                                                                     | CM305 CM306 CM313 CM314 CM315<br>CM316                                                                                                                                     |
| C CERA      | CZCH1E330J | 2    | CH 25V 33PF J AXIAL 52MM  | CC255 CC256                                                                                                                                                       | C MYLAR    | CMXK1J684J | 1                         | MC 63V 0.68MF J                                                                     | CM312                                                                                                                                                                      |
| C CERA      | CZCH1E331J | 1    | CH 25V 330PF J AXIAL 52MM | CC270                                                                                                                                                             | C MYLAR    | CMXM1H102J | 6                         | 50V 0.001MF J (TP)                                                                  | CM303 CM309 CM611 CM612 CM613<br>CM614                                                                                                                                     |
| C CERA      | CZCH1E470J | 5    | CH 25V 47PF J AX          | CC277 CC305 CC306 CC611 CC612                                                                                                                                     | C MYLAR    | CMXM1H103J | 10                        | 50V 0.01MF J (TP)                                                                   | CM202 CM203 CM204 CM205 CM607<br>CM608 CM901 CM902 CM904 CM905                                                                                                             |
| C CERA      | CZCH1E609K | 1    | CH 25V 6PF K AXIAL        | CC519                                                                                                                                                             | C MYLAR    | CMXM1H104J | 9                         | 50V 0.1MF J                                                                         | CM301 CM321 CM324 CM405 CM406<br>CM407 CM408 CM903 CM906                                                                                                                   |
| C CERA      | CZCH1E809K | 1    | CH 25V 8PF K AXL 52MM     | CC517                                                                                                                                                             | C MYLAR    | CMXM1H122J | 2                         | 50V 0.0012MF J                                                                      | CM505 CM506                                                                                                                                                                |

## ELECTRICAL PARTS LIST

| Parts Name          | Parts Code | Q'ty | Description               | Location                                  |
|---------------------|------------|------|---------------------------|-------------------------------------------|
| C MYLAR             | CMXM1H152K | 2    | 50V 1500 PF K             | CM605 CM606                               |
| C MYLAR             | CMXM1H153J | 1    | 50V 0.015MF J (TP)        | CM201                                     |
| C MYLAR             | CMXM1H183J | 5    | 50V 0.018MF J             | CM401 CM402 CM503 CM603 CM604             |
| C MYLAR             | CMXM1H223J | 7    | 50V 0.022MF J             | CM322 CM323 CM403 CM404 CM601 CM602 CM617 |
| C MYLAR             | CMXM1H332J | 3    | 50V 3300 PF J             | CM615 CM616 CM618                         |
| C MYLAR             | CMXM1H333J | 2    | 50V 0.033MF J (TP)        | CM501 CM504                               |
| C MYLAR             | CMXM1H472J | 2    | 50V 0.0047MF J            | CM302 CM308                               |
| C MYLAR             | CMXM1H473J | 7    | 50V 0.047MF J             | CM311 CM318 CM319 CM801 CM802 CM803 CM804 |
| C MYLAR             | CMXM1H562J | 5    | 50V 5600 PF J             | CM206 CM207 CM310 CM409 CM410             |
| C MYLAR             | CMXM1H682J | 1    | 50V 0.0068MF J            | CM329                                     |
| C MYLAR             | CMXM1H683J | 1    | 50V 0.068 MF J            | CM502                                     |
| CASS DECK AS        | 9CDM029300 | 1    | AM-817L                   | 31000                                     |
| CLIP FUSE           | 9734600700 | 2    | FC-5N                     | FC901 FC902                               |
| COIL BIAS OSC       | 5L0503K643 | 1    | SM-10F 5.04MH             | L603                                      |
| COIL CHOKE          | 5LC333K804 | 2    | 33MH K                    | L601 L602                                 |
| COIL CHOKE          | 5LC682K822 | 2    | 6.8MH                     | L204 L205                                 |
| COIL DESCRIMI-NATOR | 5107FBK473 | 1    | 7X7 BLK KSZ-73S           | L203                                      |
| COIL PEAKING        | 5CPZ100K02 | 2    | 10UH K (AXIAL 3.5MM)      | L001 L251                                 |
| CONN AS             | 9CD8806500 | 1    | #28 2547*2 1007*2 8P150MM | CN603                                     |
| CONN AS             | 9736407600 | 1    | PIN BASE 53095-1310 13P   | CN401                                     |
| CONN AS             | 9738828700 | 1    | AWG28 3P SHIELD 220MM     | CW601                                     |
| CONN AS             | 9738828800 | 1    | AWG28 7P SHIELD 100MM     | CW602                                     |
| CONN AS             | 9738832100 | 1    | 7P 200 P=2.5 BOARDIN      | CN509                                     |
| CONN AS             | 9738832102 | 1    | 200MM P2.5 7P             | CW509                                     |
| CONN AS             | 9738833300 | 1    | UL2851 #28 3P SHIELD 250M | CN601                                     |
| CONN AS             | 9738833500 | 1    | #28 6P SHIELD 250MM       | CN602                                     |
| CONN AS             | 9738833900 | 2    | #22 8P BOARD-IN 300MM     | CN901 CW901                               |
| CONN AS             | 9738834000 | 1    | #26 2.0PITCH 11P FLAT 150 | CN703                                     |
| CONN AS             | 9738834100 | 1    | #26 13P FLAT 100MM        | CN704                                     |
| CONN AS             | 9738835800 | 2    | UL2468 #26 P2.0 200MM 3P  | CN705 CW705                               |
| CONN AS             | 9738835900 | 1    | UL2468 200MM P2.0 10P     | CN701                                     |
| CONN AS             | 9738836200 | 1    | UL2468 160MM P2.0 8P/2P   | CW701                                     |
| CONN AS             | 9738840800 | 1    | FFC 16P P1.0X250MM R      | CN501                                     |
| CONN AS             | 9738840900 | 1    | FFC 19P P1.25X110MM K     | CN508                                     |
| CONN PIN            | 9736407800 | 1    | 53095-1010 10PIN ANGLE    | CN402                                     |
| CONN WAFER          | 9CD6258800 | 1    | 2P S2B-XH-A               | CW101                                     |
| CONN WAFER          | 9CD6259300 | 1    | 52807-1610                | CW501                                     |
| CONN WAFER          | 9CD6259400 | 1    | 2001-WS-12P               | CW507                                     |
| CONN WAFER          | 9CD6259500 | 1    | 2001-WS-6P                | CW503                                     |
| CONN WAFER          | 9CD6259600 | 1    | 2503-WS-2P                | CW502                                     |
| CONN WAFER          | 9736407900 | 1    | 52084-1010 10P BOTTOM     | CW402                                     |
| CONN WAFER          | 9736408300 | 1    | 52492-1920 19P BOTTOM     | CW702                                     |
| CONN WAFER          | 9736408400 | 1    | 52045-1945 19P            | CW508                                     |

| Parts Name      | Parts Code | Q'ty | Description                 | Location                                                                                                      |
|-----------------|------------|------|-----------------------------|---------------------------------------------------------------------------------------------------------------|
| CORD AC         | 9736900200 | 1    | "KKP419C,KLCE-2F,0.75SQURE" | AC901                                                                                                         |
| CRYSTAL QUARTZ  | 5XA32R768- | 1    | DT-38 32.768KHZ 20PPM       | XC702                                                                                                         |
| DIODE           | DRL202---- | 4    | RL202                       | D905 D906 D907 D908                                                                                           |
| DIODE           | DZN4148--- | 22   | 1N4148 AUTO 52MM            | D201 D301 D302 D401 D402 D501 D502 D606 D607 D608 D609 D705 D706 D707 D708 D709 D710 D711 D712 D713 D801 D912 |
| DIODE           | D1N4001--- | 2    | 1N4001                      | D909 D910                                                                                                     |
| DIODE           | D1N4148--- | 2    | 1N4148 (TAPPING)            | D401 D601                                                                                                     |
| DIODE           | D1N5402--- | 4    | 1N5402                      | D901 D902 D903 D904                                                                                           |
| DIODE ZENER     | DZTZ12B--- | 1    | MTZ 12V 26MM TAPPING        | DZ903                                                                                                         |
| DIODE ZENER     | DZTZ3R9B-- | 1    | MTZ3.9B                     | DZ502                                                                                                         |
| DIODE ZENER     | DZTZ30B--- | 1    | MTZ30B                      | DZ901                                                                                                         |
| DIODE ZENER     | DZTZ5R6B-- | 3    | UZ-5.6B                     | DZ501 DZ503 DZ504                                                                                             |
| DIODE ZENER     | DZTZ6R2B-- | 1    | MTZ6.2B                     | DZ902                                                                                                         |
| FILTER          | 5PPCFAZ077 | 1    | PCFAZ077                    | CF201                                                                                                         |
| FILTER CERA     | 5PE107MJA- | 1    | SFE 10.7MHZ RED             | CF002                                                                                                         |
| FILTER CERA     | 5PE107MS2A | 1    | SFE107MS2-A                 | CF001                                                                                                         |
| FUSE GLASS TUBE | 5FSGB6312L | 1    | SEMKO TL 0.63A 250V MF51    | F901                                                                                                          |
| IC              | 1BA1450S-- | 1    | BA1450S                     | IC201                                                                                                         |
| IC              | 1BA4560N-- | 2    | BA4560N(H/P AMP)            | IC303 IC402                                                                                                   |
| IC              | 1BU4094BCF | 2    | BU4094BCF(SOP16)            | IC603 IC706                                                                                                   |
| IC              | 1DBL2084-- | 2    | DBL2084(D/W)                | IC504 IC506                                                                                                   |
| IC              | 1LC72130-- | 1    | LC72130                     | IC202                                                                                                         |
| IC              | 1L4959---- | 1    | L4959                       | IC901                                                                                                         |
| IC              | 1MC7805--- | 1    | MC 7805 (KA7805)            | IC205                                                                                                         |
| IC              | 1MSGEQ5A-- | 1    | MSGEQ5A                     | IC702                                                                                                         |
| IC              | 1M24C04--- | 1    | M24C04-BN6                  | IC701                                                                                                         |
| IC              | 1M38199516 | 1    | U-COM M38199 (516DP)        | IC705                                                                                                         |
| IC              | 1M51167BFP | 1    | M51167BFP (SOP36S)          | IC601                                                                                                         |
| IC              | 1M62463FP- | 1    | M62463FP (PRO-LOGIC)        | IC301                                                                                                         |
| IC              | 1TDA7449L- | 1    | TDA7449L                    | IC302                                                                                                         |
| IC              | 1TDA7479D- | 1    | TDA7479D                    | IC204                                                                                                         |
| IC              | 1UPC1330HA | 1    | UPC1330HA                   | IC602                                                                                                         |
| IC AUDIO        | 1KA9270--- | 1    | KA9270                      | IC505                                                                                                         |
| IC AUDIO        | 1TDA7439-- | 1    | TDA7439                     | IC401                                                                                                         |
| IC AUDIO DSP    | 1KA9282B-- | 1    | KA9282B                     | IC502                                                                                                         |
| IC CHIP         | 1KA9258D-- | 1    | KA9258D                     | IC503                                                                                                         |
| IC CHIP RF      | 1KA9220B-- | 1    | KA9220B                     | IC501                                                                                                         |
| IC PRE AMP      | 1TM97CT38P | 1    | LTM97CT-38P                 | IC704                                                                                                         |
| JACK            | 9736322700 | 1    | HSP-243V1-02                | J803                                                                                                          |
| JACK ANT        | 9736321900 | 1    | PAT645                      | J001                                                                                                          |
| JACK HEAD-PHONE | 9766319501 | 1    | HTJ-064-05B GOLD            | J801                                                                                                          |
| JACK RCA        | 9CD6313700 | 1    | S-436P                      | J401                                                                                                          |

## ELECTRICAL PARTS LIST

| Parts Name    | Parts Code | Q'ty | Description           | Location                                                                                                                                                                                                                                                                                                                                                  |
|---------------|------------|------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| JACK SPEAKER  | 9736320500 | 1    | CJ-9007-040           | J802                                                                                                                                                                                                                                                                                                                                                      |
| LED           | DLTL16KEE- | 4    | LTL-16KEE(RED)PI3.1   | LD703 LD706 LD709 LD712                                                                                                                                                                                                                                                                                                                                   |
| LED           | DLTL16KGE- | 8    | LTL-16KGE(GREEN)PI3.1 | LD701 LD702 LD704 LD705 LD707 LD708 LD710 LD711                                                                                                                                                                                                                                                                                                           |
| LED           | DLTL307EE- | 3    | LTL-307EE(RED)PI5     | LD713 LD714 LD715                                                                                                                                                                                                                                                                                                                                         |
| PCB CD        | 9CD6574800 | 1    | 247X197               | B501                                                                                                                                                                                                                                                                                                                                                      |
| PCB FRONT     | 9CD6575900 | 1    | 247X139X1.6T          | B001                                                                                                                                                                                                                                                                                                                                                      |
| PCB MAIN      | 9CD6577100 | 1    | 330X197X1.6T          | B001                                                                                                                                                                                                                                                                                                                                                      |
| PCB POWER     | 9CD6577300 | 1    | 95X101X1.6T           | B001                                                                                                                                                                                                                                                                                                                                                      |
| PCB TAPE      | 9CD6577200 | 1    | 247X197X1.6T          | B001                                                                                                                                                                                                                                                                                                                                                      |
| PIN WAFER     | 9736407700 | 1    | 52084-1310 13P BOTTOM | CW401                                                                                                                                                                                                                                                                                                                                                     |
| PIN WRAPPING  | 9713550400 | 4    | 1.0X2.5X15            | TP501 TP502 TP503 TP504                                                                                                                                                                                                                                                                                                                                   |
| PIN WRAPPING  | 9716404000 | 2    | MFZN1.1X1.1 PANASERT  | TP901 TP902                                                                                                                                                                                                                                                                                                                                               |
| R CARBON FILM | RD-AZ100J- | 15   | 1/6 10 OHM J          | R004 R009 R206 R255 R545<br>R720 R815 R816 R817 R818<br>R831 R832 R833 R834 R901                                                                                                                                                                                                                                                                          |
| R CARBON FILM | RD-AZ101J- | 23   | 1/6 100 OHM J         | R008 R102 R227 R301 R304<br>R313 R355 R356 R357 R358<br>R370 R371 R372 R373 R435<br>R436 R437 R546 R643 R719<br>R724 R728 R730                                                                                                                                                                                                                            |
| R CARBON FILM | RD-AZ102J- | 62   | 1/6 1K OHM J          | R208 R215 R216 R251 R256<br>R260 R261 R262 R263 R331<br>R332 R335 R336 R339 R340<br>R343 R344 R353 R354 R409<br>R410 R423 R424 R431 R432<br>R443 R444 R511 R521 R522<br>R563 R564 R580 R607 R608<br>R611 R612 R625 R626 R647<br>R655 R658 R672 R673 R674<br>R725 R727 R734 R736 R737<br>R739 R740 R744 R746 R749<br>R801 R802 R821 R822 R837<br>R838 R909 |
| R CARBON FILM | RD-AZ103J- | 53   | 1/6 10K OHM J         | D404 L208 R213 R214 R254<br>R257 R258 R276 R277 R347<br>R348 R401 R402 R441 R442<br>R447 R448 R579 R615 R616<br>R633 R634 R645 R646 R651<br>R652 R659 R675 R705 R706<br>R708 R711 R712 R713 R714<br>R715 R716 R721 R722 R731<br>R733 R735 R738 R755 R765<br>R776 R777 R836 R840 R903<br>R912 R913 R914                                                    |
| R CARBON FILM | RD-AZ104F- | 1    | 1/6 100K OHM J 1%     | R367                                                                                                                                                                                                                                                                                                                                                      |
| R CARBON FILM | RD-AZ104J- | 34   | 1/6 100K OHM J        | R113 R333 R334 R337 R338<br>R341 R342 R345 R346 R351<br>R352 R368 R421 R422 R433<br>R434 R502 R510 R518 R519<br>R548 R549 R567 R568 R584<br>R585 R613 R614 R635 R639<br>R690 R762 R764 R839                                                                                                                                                               |
| R CARBON FILM | RD-AZ105J- | 5    | 1/6 1M OHM J          | R505 R508 R559 R560 R641                                                                                                                                                                                                                                                                                                                                  |
| R CARBON FILM | RD-AZ106J- | 1    | 1/6 10M OHM J         | R717                                                                                                                                                                                                                                                                                                                                                      |
| R CARBON FILM | RD-AZ109J- | 2    | 1/6 1 OHM J           | R906 R907                                                                                                                                                                                                                                                                                                                                                 |
| R CARBON FILM | RD-AZ121J- | 1    | 1/6 120 OHM J         | R551                                                                                                                                                                                                                                                                                                                                                      |
| R CARBON FILM | RD-AZ123J- | 12   | 1/6 12K OHM J         | R259 R509 R523 R531 R532<br>R533 R538 R539 R557 R558<br>R619 R620                                                                                                                                                                                                                                                                                         |
| R CARBON FILM | RD-AZ124J- | 1    | 1/6 120K OHM J        | R513                                                                                                                                                                                                                                                                                                                                                      |

| Parts Name    | Parts Code | Q'ty | Description    | Location                                                                                                                                                             |
|---------------|------------|------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| R CARBON FILM | RD-AZ151J- | 3    | 1/6 150 OHM J  | R302 R305 R314                                                                                                                                                       |
| R CARBON FILM | RD-AZ152J- | 6    | 1/6 1.5K OHM J | R322 R609 R610 R778 R779<br>R780                                                                                                                                     |
| R CARBON FILM | RD-AZ153J- | 13   | 1/6 15K OHM J  | R360 R361 R403 R404 R411<br>R412 R417 R418 R515 R553<br>R554 R653 R654                                                                                               |
| R CARBON FILM | RD-AZ154J- | 3    | 1/6 150K OHM J | R503 R525 R835                                                                                                                                                       |
| R CARBON FILM | RD-AZ181J- | 3    | 1/6 180 OHM J  | R303 R306 R315                                                                                                                                                       |
| R CARBON FILM | RD-AZ182J- | 3    | 1/6 1.8K OHM J | R413 R414 R741                                                                                                                                                       |
| R CARBON FILM | RD-AZ183J- | 5    | 1/6 18K OHM J  | R201 R203 R526 R621 R622                                                                                                                                             |
| R CARBON FILM | RD-AZ184J- | 1    | 1/6 180K OHM J | R504                                                                                                                                                                 |
| R CARBON FILM | RD-AZ220J- | 7    | 1/6 22 OHM J   | R445 R446 R453 R454 R455<br>R456 R534                                                                                                                                |
| R CARBON FILM | RD-AZ221J- | 4    | 1/6 220 OHM J  | R369 R552 R904 R905                                                                                                                                                  |
| R CARBON FILM | RD-AZ222J- | 12   | 1/6 2.2K OHM J | R211 R212 R253 R264 R451<br>R452 R581 R729 R742 R745<br>R747 R910                                                                                                    |
| R CARBON FILM | RD-AZ223J- | 9    | 1/6 22K OHM J  | R107 R528 R530 R753 R805<br>R806 R825 R826 R915                                                                                                                      |
| R CARBON FILM | RD-AZ224J- | 2    | 1/6 220K OHM J | R723 R726                                                                                                                                                            |
| R CARBON FILM | RD-AZ271J- | 6    | 1/6 270 OHM J  | R307 R316 R769 R771 R773<br>R775                                                                                                                                     |
| R CARBON FILM | RD-AZ272J- | 4    | 1/6 2.7K OHM J | R222 R223 R427 R428                                                                                                                                                  |
| R CARBON FILM | RD-AZ273J- | 3    | 1/6 27K OHM J  | R542 R555 R556                                                                                                                                                       |
| R CARBON FILM | RD-AZ274J- | 2    | 1/6 270K OHM J | R627 R628                                                                                                                                                            |
| R CARBON FILM | RD-AZ331J- | 4    | 1/6 330 OHM J  | R007 R308 R317 R687                                                                                                                                                  |
| R CARBON FILM | RD-AZ332J- | 10   | 1/6 3.3K OHM J | R005 R106 R221 R407 R408<br>R516 R541 R543 R640 R902                                                                                                                 |
| R CARBON FILM | RD-AZ333J- | 1    | 1/6 33K OHM J  | R756                                                                                                                                                                 |
| R CARBON FILM | RD-AZ334J- | 4    | 1/6 330K OHM J | R359 R718 R761 R763                                                                                                                                                  |
| R CARBON FILM | RD-AZ390J- | 2    | 1/6 39 OHM J   | R671 R767                                                                                                                                                            |
| R CARBON FILM | RD-AZ391J- | 10   | 1/6 390 OHM J  | R309 R318 R768 R770 R772<br>R774 R803 R804 R823 R824                                                                                                                 |
| R CARBON FILM | RD-AZ392J- | 3    | 1/6 3.9K OHM J | R415 R416 R529                                                                                                                                                       |
| R CARBON FILM | RD-AZ393J- | 6    | 1/6 39K OHM J  | R520 R537 R572 R586 R587<br>R759                                                                                                                                     |
| R CARBON FILM | RD-AZ470J- | 6    | 1/6 47 OHM J   | R003 R209 R252 R275 R656<br>R663                                                                                                                                     |
| R CARBON FILM | RD-AZ471J- | 4    | 1/6 470 OHM J  | R310 R319 R908 R911                                                                                                                                                  |
| R CARBON FILM | RD-AZ472J- | 30   | 1/6 4.7K OHM J | R101 R103 R104 R105 R207<br>R210 R405 R406 R547 R561<br>R562 R565 R566 R573 R574<br>R575 R576 R577 R578 R582<br>R583 R605 R606 R636 R637<br>R638 R664 R688 R752 R787 |
| R CARBON FILM | RD-AZ473J- | 7    | 1/6 47K OHM J  | R362 R364 R512 R750 R751<br>R916 R917                                                                                                                                |
| R CARBON FILM | RD-AZ474J- | 9    | 1/6 470K OHM J | R217 R218 R439 R440 R501<br>R540 R631 R632 R642                                                                                                                      |
| R CARBON FILM | RD-AZ479J- | 1    | 1/6 4.7 OHM J  | R660                                                                                                                                                                 |
| R CARBON FILM | RD-AZ560J- | 1    | 1/6 56 OHM J   | R366                                                                                                                                                                 |
| R CARBON FILM | RD-AZ561J- | 6    | 1/6 560 OHM J  | R311 R320 R569 R570 R571<br>R689                                                                                                                                     |
| R CARBON FILM | RD-AZ562J- | 5    | 1/6 5.6K OHM J | R429 R430 R527 R617 R618                                                                                                                                             |

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| Parts Name     | Parts Code | Q'ty | Description                | Location                                                                                                                                        |
|----------------|------------|------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| R CARBON FILM  | RD-AZ563J- | 9    | 1/6 56K OHM J              | R419 R420 R514 R517 R644 R649 R650 R661 R662                                                                                                    |
| R CARBON FILM  | RD-AZ680J- | 2    | 1/6 68 OHM J               | R601 R602                                                                                                                                       |
| R CARBON FILM  | RD-AZ681J- | 6    | 1/6 680 OHM J              | R006 R629 R630 R766 R781 R782                                                                                                                   |
| R CARBON FILM  | RD-AZ682J- | 5    | 1/6 6.8K OHM J             | R219 R425 R426 R603 R604                                                                                                                        |
| R CARBON FILM  | RD-AZ683J- | 2    | 1/6 68K OHM J              | R707 R760                                                                                                                                       |
| R CARBON FILM  | RD-AZ752J- | 2    | 1/6 7.5K OHM J             | R363 R365                                                                                                                                       |
| R CARBON FILM  | RD-AZ820J- | 1    | 1/6 82 OHM J               | R506                                                                                                                                            |
| R CARBON FILM  | RD-AZ821J- | 2    | 1/6 820 OHM J              | R312 R321                                                                                                                                       |
| R CARBON FILM  | RD-AZ822J- | 2    | 1/6 8.2K OHM J             | R507 R524                                                                                                                                       |
| R CARBON FILM  | RD-AZ823J- | 2    | 1/6 82K OHM J              | R535 R536                                                                                                                                       |
| R CARBON FILM  | RD-2Y229J- | 1    | 1/2 2.2 OHM J              | R550                                                                                                                                            |
| R CARBON FILM  | RD-2Y475J- | 1    | 1/2 4.7M OHM J             | R918                                                                                                                                            |
| R CARBON FILM  | RD-4Z100J- | 2    | 1/4 10 OHM J               | R588 R589                                                                                                                                       |
| R CARBON FILM  | RD-4Z689J- | 2    | 1/4 6.8 OHM J              | R743 R748                                                                                                                                       |
| R FUSIBLE      | RF01F4780J | 2    | 0.47OHM 1W                 | RF901 RF902                                                                                                                                     |
| R SEMI FIXED   | RV141722Z- | 1    | 1/10 2.2K OHM B V6EK-PV1S  | RV601                                                                                                                                           |
| R SEMI FIXED   | RV641722Z- | 3    | VM6CK-PV(1S) B 22K OHM     | RV201 RV501 RV502                                                                                                                               |
| RESONATOR      | 5PCSA8MTZ- | 1    | "CSA8MTZ, 8MHZ"            | XC701                                                                                                                                           |
| RESONATOR CERA | 5PCSA16R93 | 1    | CSA16.93MXZ04              | XC501                                                                                                                                           |
| SW ENCORDER    | 5SH162401- | 1    | EC16B24204 24P W/ DETENT   | VR702                                                                                                                                           |
| SW TACT        | 5S50101001 | 24   | KPT-1105A 1C-1P            | SW701 SW702 SW703 SW704 SW705 SW706 SW707 SW708 SW709 SW710 SW711 SW712 SW713 SW714 SW715 SW716 SW717 SW718 SW719 SW720 SW721 SW722 SW723 SW724 |
| TR             | TKRA111M-- | 8    | KRA111-M TAP-PING(KSR2010) | Q613 Q623 Q711 Q712 Q713 Q714 Q715 Q904                                                                                                         |
| TR             | TKRC107M-- | 7    | KRC107-M TAP-PING(KSR1006) | Q607 Q701 Q706 Q708 Q710 Q717 Q905                                                                                                              |
| TR             | TKRC111M-- | 9    | KRC111M (KSR1010)          | Q601 Q602 Q605 Q606 Q608 Q625 Q638 Q702 Q703                                                                                                    |
| TR             | TKSA928AY- | 2    | KSA928A-Y                  | Q501 Q502                                                                                                                                       |
| TR             | TKSC2331Y- | 1    | KSC2331Y                   | Q503                                                                                                                                            |
| TR             | TKSR1003-- | 1    | KSR1003                    | Q504                                                                                                                                            |
| TR             | TKTB1366Y- | 1    | KTB1366Y                   | Q903                                                                                                                                            |
| TR             | TZRA107M-- | 7    | KRA107M (KSR2006)          | Q003 Q301 Q302 Q614 Q615 Q616 Q805                                                                                                              |
| TR             | TZRC107M-- | 1    | KRC107M(AUTO)              | Q716                                                                                                                                            |
| TR             | TZTA1266Y- | 1    | KTA1266Y-(AUTO)(1015Y)     | Q637                                                                                                                                            |
| TR             | TZTA1273Y- | 4    | KTA1273Y(966Y)             | Q624 Q705 Q707 Q709                                                                                                                             |
| TR             | TZTA1274Y- | 1    | KTA1274Y-                  | Q901                                                                                                                                            |
| TR             | TZTC3194Y- | 1    | KTC3194Y                   | Q001                                                                                                                                            |
| TR             | TZTC3198Y- | 16   | KTC3198Y-(1815Y) (AUTO)    | Q201 Q202 Q303 Q304 Q403 Q404 Q505 Q611 Q612 Q621 Q622 Q704 Q802 Q803 Q804 Q902                                                                 |
| TR             | TZTC3205Y- | 1    | KTC3205Y (2236Y)           | Q628                                                                                                                                            |

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|-------------|------------|------|--------------------------|---------------------------------|
| TR          | TZTD1302-- | 2    | KTD1302                  | Q401 Q402                       |
| TRANS POWER | 5TP8066785 | 1    | EI=66X50 230V 50HZ       | PT901                           |
| TUNER PACK  | 9737612700 | 1    | FTA3-503V                | TU001                           |
| VFD         | DSVA09MM10 | 1    | SVA09MM10                | FD701                           |
| WIRE JUMPER | W581GY1005 | 5    | AWG22 1/0.65 SN 10 AUTO  | L270 L801 L802 L803 L804        |
| WIRE JUMPER | W581GY7595 | 6    | AWG22 1/0.65 SN 7.5 AUTO | "R002 R703 R819 R820 R827 R828" |
| WIRE LEAD   | 9738834300 | 1    | #26 1P 200MM             | W601                            |
| X-TAL       | 5XA4R332M- | 1    | 4.332M                   | XC270                           |
| X-TAL       | 5XA7R20000 | 1    | 7.2M                     | XC251                           |
| IC          | 1TDA7265-- | 2    | TDA7265                  | IC801 IC802                     |