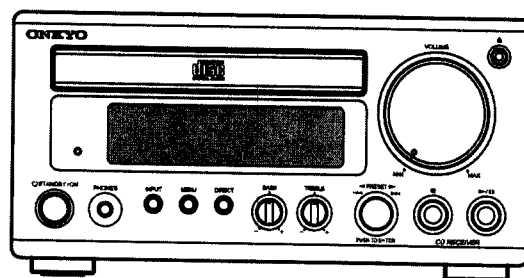
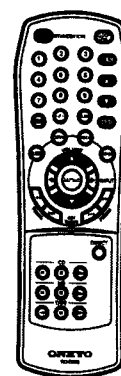


# ONKYO SERVICE MANUAL

## CD RECEIVER MODEL CR-505 MODEL CR-505DAB

RC-581S  
(CR-505DAB)RC-580S  
(CR-505)

### CR-505 Silver model

|           |                      |
|-----------|----------------------|
| SCDT      | 120V AC, 60Hz        |
| SCGT, CGR | 220-230V AC, 50/60Hz |
| SCPP      | 230-240V AC, 50Hz    |

### CR-505DAB Silver model

|      |                   |
|------|-------------------|
| SCPB | 230-240V AC, 50Hz |
|------|-------------------|

### SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  $\triangle$  ON THE SCHEMATIC DIAGRAM AND IN THE PARTS LIST ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE THESE COMPONENTS WITH ONKYO PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL.

MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

**ONKYO**  
IMAGINATIVE SIGHT & SOUND

## SPECIFICATIONS-1

### CR-505

#### Amplifier section

|                                         |                                                                  |
|-----------------------------------------|------------------------------------------------------------------|
| <b>Power Output:</b>                    | 20 W + 20 W (4Ω , 1 kHz, DIN)<br>25 W + 25 W (4Ω , 1 kHz, JEITA) |
| <b>Dynamic Power:</b>                   | 30 W + 30 W (4Ω , Front)                                         |
| <b>THD (Total Harmonic Distortion):</b> | 0.2% (5W Output 4Ω )                                             |
| <b>Damping Factor:</b>                  | 25 (Front, 1 kHz, 8Ω )                                           |
| <b>Input Sensitivity and Impedance:</b> | 200 mV/ 50 kΩ (LINE)                                             |
| <b>Output Level and Impedance:</b>      | 200 mV/ 2.2 kΩ (REC OUT)                                         |
| <b>Frequency Response:</b>              | 10 Hz - 50 kHz/+3 dB, -3 dB (line)                               |
| <b>Tone Control:</b>                    | +9 dB, -8.2 dB, 100 Hz (BASS)<br>+11 dB, -9 dB, 10 kHz (TREBLE)  |
| <b>S/N Ratio</b>                        | 97 dB (LINE, IHF-A)                                              |
| <b>Speaker Impedance:</b>               | 4 Ω -16Ω                                                         |

#### Tuner section

##### FM

|                                         |                                 |
|-----------------------------------------|---------------------------------|
| <b>Tuning Frequency Range:</b>          | 87.5 - 108 MHz                  |
| <b>Usable Sensitivity:</b>              |                                 |
| Stereo                                  | 37.2 dBf 20.0 μV (75 Ω IHF)     |
| Mono                                    | 17.2 dBf 2.0 μV (75 Ω )         |
| <b>S/N Ratio:</b>                       |                                 |
| Stereo                                  | 55 dB (IHF-A)                   |
| Mono                                    | 66 dB (IHF-A)                   |
| <b>THD (Total Harmonic Distortion):</b> |                                 |
| Stereo                                  | 0.46% (1kHz)                    |
| Mono                                    | 0.4% (1kHz)                     |
| <b>Frequency Response:</b>              | 30 Hz-15 kHz / +1.5 dB, -1.5 dB |
| <b>Stereo Separation:</b>               | 37 dB (1 kHz)                   |

##### AM

|                                         |               |
|-----------------------------------------|---------------|
| <b>Tuning Frequency Range:</b>          | 522 -1611 kHz |
| <b>Usable Sensitivity:</b>              | 55 dB (30 μV) |
| <b>S/N Ratio:</b>                       | 35 dB         |
| <b>THD (Total Harmonic Distortion):</b> | 1.60%         |

#### CD

|                                         |                                  |
|-----------------------------------------|----------------------------------|
| <b>Signal Readout:</b>                  | Optical non-contact              |
| <b>Frequency Response:</b>              | 20 Hz-20 kHz                     |
| <b>Audio Dynamic Range:</b>             | 96 dB                            |
| <b>THD (Total Harmonic Distortion):</b> | 0.01%                            |
| <b>Wow and Flutter:</b>                 | Below threshold of measurability |
| <b>Audio Output (Digital/Optical):</b>  | -22.5 dBm                        |
| <b>Audio Output/Impedance (Analog):</b> | 1.3 V (rms) /2.2 kΩ              |

#### General

|                                    |                                                                                                               |
|------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Power Supply:</b>               | AC 230-240V, 50 Hz (European model)<br>AC 220-230V, 50/60 Hz (Asian model)<br>AC 120 V, 60 Hz (Chinese model) |
| <b>Power Consumption:</b>          | 75 W                                                                                                          |
| <b>Stand-by Power Consumption:</b> | 1.0 W                                                                                                         |
| <b>Dimensions (W x H x D):</b>     | 205 W x 103 H x 356 D mm                                                                                      |
| <b>Weight:</b>                     | 5.3 kg                                                                                                        |

Specifications and features are subject to change without notice.

## SPECIFICATIONS-2

### CR-505DAB

#### Amplifier section

|                                         |                                                                                  |
|-----------------------------------------|----------------------------------------------------------------------------------|
| <b>Power Output:</b>                    | 20 W + 20 W (4 $\Omega$ , 1 kHz, DIN)<br>25 W + 25 W (4 $\Omega$ , 1 kHz, JEITA) |
| <b>Dynamic power:</b>                   | 30 W + 30 W (4 $\Omega$ , Front)                                                 |
| <b>THD (Total Harmonic Distortion):</b> | 0.2% (5 W Output 4 $\Omega$ )<br>25 (Front, 1 kHz, 8 $\Omega$ )                  |
| <b>Damping Factor:</b>                  | 25 (Front, 1 kHz, 8 $\Omega$ )                                                   |
| <b>Input Sensitivity and Impedance:</b> | 200 mV/50 k $\Omega$ (LINE)                                                      |
| <b>Output Level and Impedance:</b>      | 200 mV/2.2 k $\Omega$ (REC OUT)                                                  |
| <b>Frequency Response:</b>              | 10 Hz - 50 kHz/+3 dB, -3 dB (line)                                               |
| <b>Tone Control:</b>                    | +9 dB, -8.2 dB, 100 Hz (BASS)<br>+11 dB, -9 dB, 10kHz (TREBLE)                   |
| <b>S/N Ratio</b>                        | 97 dB (LINE, IHF-A)                                                              |
| <b>Speaker Impedance:</b>               | 4 $\Omega$ -16 $\Omega$                                                          |

#### Tuner section

##### FM

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| <b>Tuning Frequency Range:</b>          | 87.5-108 MHz                            |
| <b>Usable Sensitivity:</b>              |                                         |
| Stereo                                  | 37.2 dBf 20.0 $\mu$ V (75 $\Omega$ IHF) |
| Mono                                    | 17.2 dBf 2.0 $\mu$ V (75 $\Omega$ )     |
| <b>S/N Ratio:</b>                       |                                         |
| Stereo                                  | 55 dB (IHF-A)                           |
| Mono                                    | 66 dB (IHF-A)                           |
| <b>THD (Total Harmonic Distortion):</b> |                                         |
| Stereo                                  | 0.46% (1 kHz)                           |
| Mono                                    | 0.4% (1 kHz)                            |
| <b>Frequency Response:</b>              | 30 Hz - 15 kHz / +1.5 dB, -1.5 dB       |
| <b>Stereo Separation</b>                | 37 dB (1 kHz)                           |

##### AM

|                                         |                    |
|-----------------------------------------|--------------------|
| <b>Tuning Frequency Range:</b>          | 522-1611 kHz       |
| <b>Usable Sensitivity:</b>              | 55 dB (30 $\mu$ V) |
| <b>S/N Ratio:</b>                       | 35 dB              |
| <b>THD (Total Harmonic Distortion):</b> | 1.60%              |

##### DAB

|                                         |                       |
|-----------------------------------------|-----------------------|
| <b>Tuning Frequency Range:</b>          | 174.928 - 239.200 MHz |
| <b>Frequency Response:</b>              | 20 Hz-20 kHz          |
| <b>Audio Dynamic Range:</b>             | 63 dB                 |
| <b>THD (Total Harmonic Distortion):</b> | 0.20%                 |

#### CD section

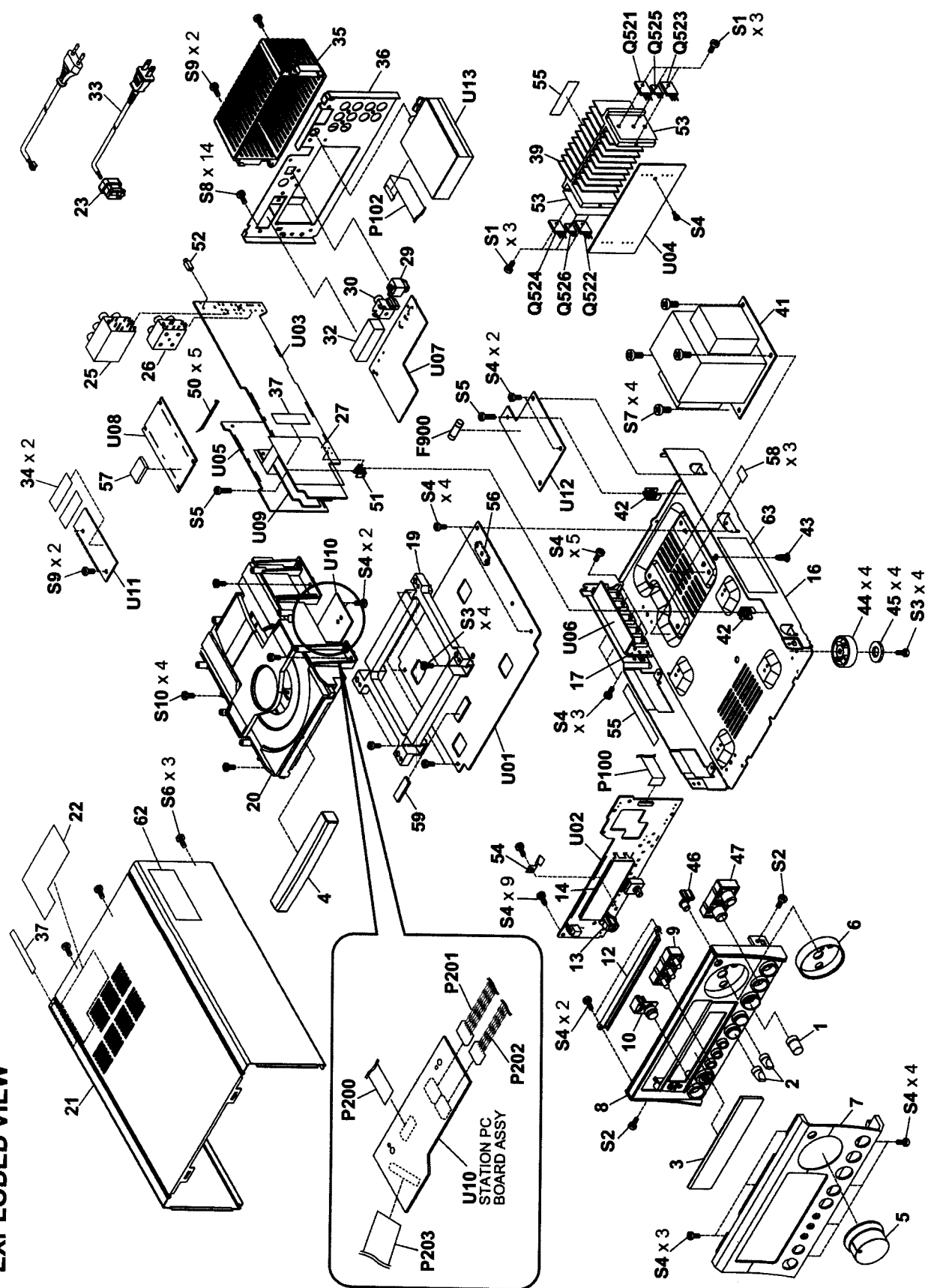
|                                         |                                  |
|-----------------------------------------|----------------------------------|
| <b>Signal Readout:</b>                  | Optical non-contact              |
| <b>Frequency Response:</b>              | 20 Hz-20 kHz                     |
| <b>Audio Dynamic Range:</b>             | 96 dB                            |
| <b>THD (Total Harmonic Distortion):</b> | 0.01%                            |
| <b>Wow and Flutter:</b>                 | Below threshold of measurability |
| <b>Audio Output (Digital/Optical):</b>  | -22.5 dBm                        |
| <b>Audio Output/Impedance (Analog):</b> | 1.3 V (rms) /2.2 k $\Omega$      |

#### General

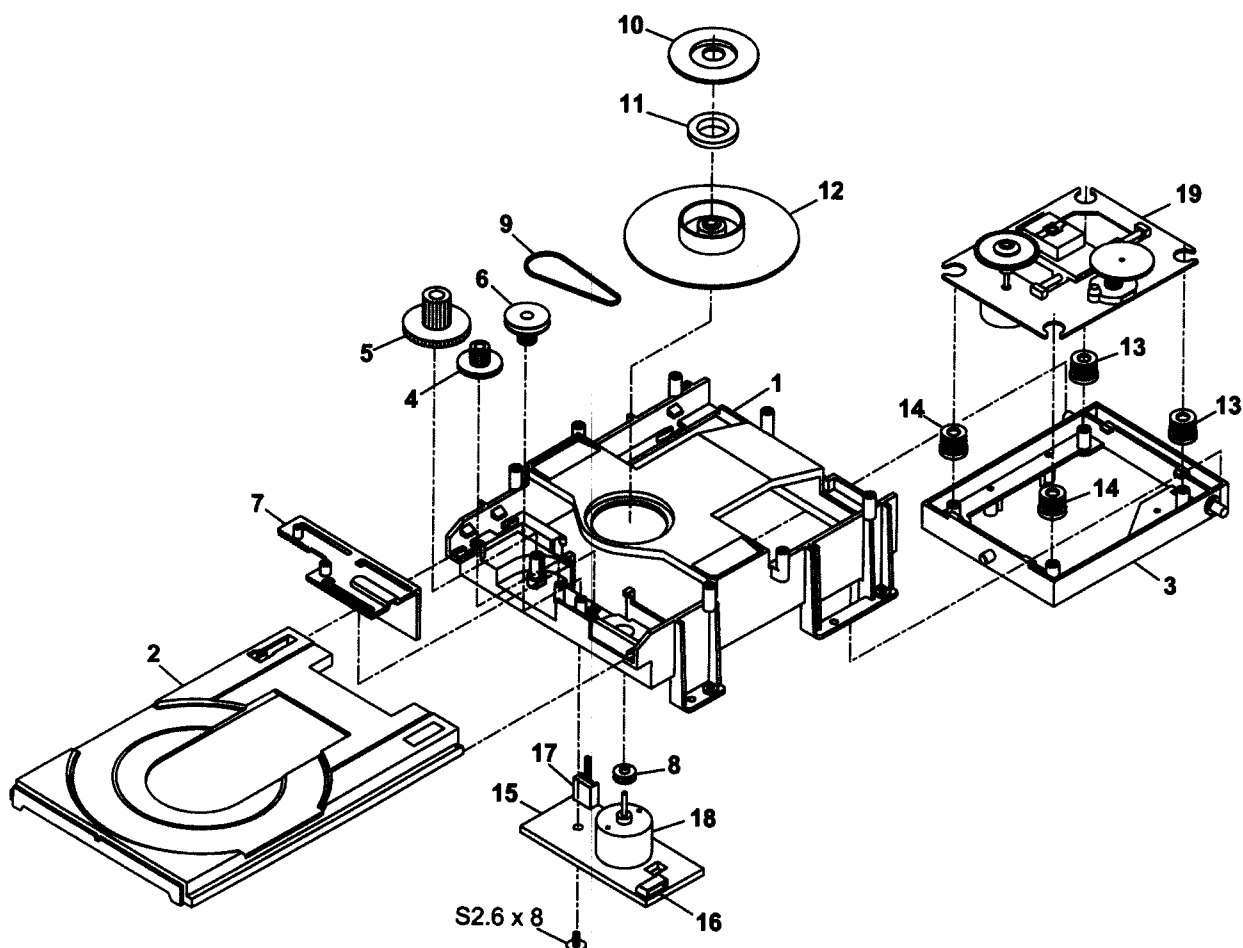
|                                    |                          |
|------------------------------------|--------------------------|
| <b>Power Supply:</b>               | AC 230-240 V, 50 Hz      |
| <b>Power Consumption:</b>          | 75 W                     |
| <b>Stand-by Power Consumption:</b> | 1.0 W                    |
| <b>Dimensions (W x H x D):</b>     | 205 W x 103 H x 356 D mm |
| <b>Weight:</b>                     | 5.3 kg                   |

Specifications and features are subject to change without notice.

## EXPLODED VIEW



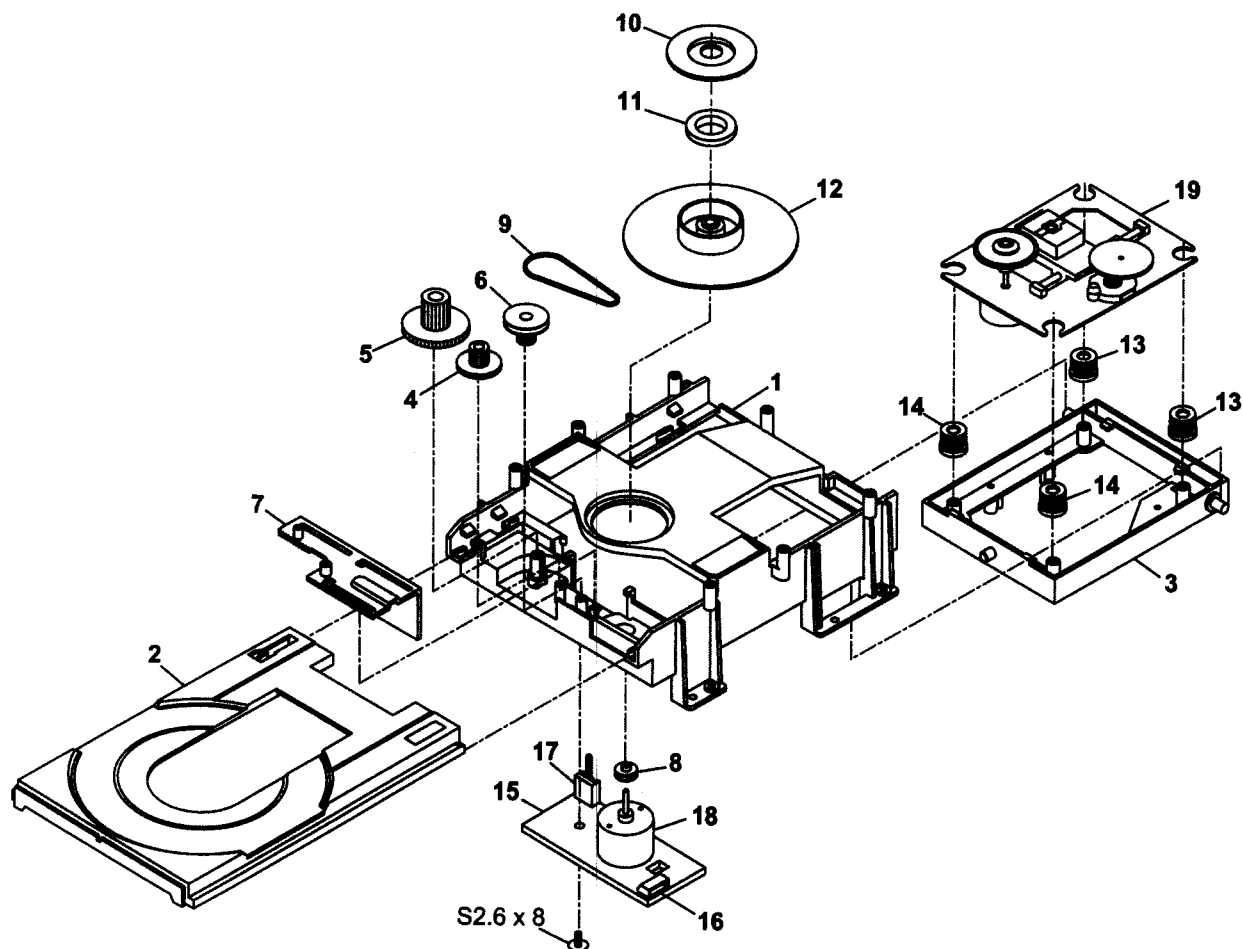
## EXPLODED VIEW OF MECHANISM



## PARTS LIST

| NO    | PART NO      | PART NAME         | Q'TY | REMARK       |
|-------|--------------|-------------------|------|--------------|
| 1     | 341021007101 | BODY, MECHA-06    | 1    |              |
| 2     | 460021001101 | TRAY, LOADING-06  | 1    |              |
| 3     | 340021005101 | BASE, PU DRIVE-06 | 1    |              |
| 4     | 247004021101 | GEAR, CENTER      | 1    |              |
| 5     | 247000058000 | GEAR, LOAD        | 1    |              |
| 6     | 247000046000 | GEAR, PULLEY      | 1    |              |
| 7     | 264021002101 | SLIDER, BASE P/U  | 1    |              |
| 8     | 250000008000 | PULLEY, MOTOR     | 1    |              |
| 9     | 249000021001 | BELT, LOADING     | 1    |              |
| 10    | 447000406000 | PLATE CLAMPER     | 1    |              |
| 11    | 7600GZ3400L1 | MAGNET, CORE III  | 1    |              |
| 12    | 433002004101 | CLAMPER4          | 1    |              |
| 13    | 124002013502 | INSULATOR         | 2    | 30° RED      |
| 14    | 124002013501 | INSULATOR         | 2    | 48° GREEN    |
| 15    | 702011567000 | PCB, MOTOR        | 1    |              |
| 16    | L10122005001 | HOUSING 5P        | 1    | LG 5P(ANGLE) |
| 17    | G22000001000 | S/W, LEAF         | 1    | SSCF11       |
| 18    | G70000010001 | MOTOR, DC         | 1    | RF-310T      |
| 19    | 803004141901 | PICK UP UNIT      | 1    | CMS-B31SG6   |
| 19 or | 803004062201 | PICK UP UNIT      | (1)  | KSM-213CCM   |
| 19 or | 803000001002 | PICK UP UNIT      | (1)  | KCBT1H       |

## EXPLODED VIEW OF MECHANISM

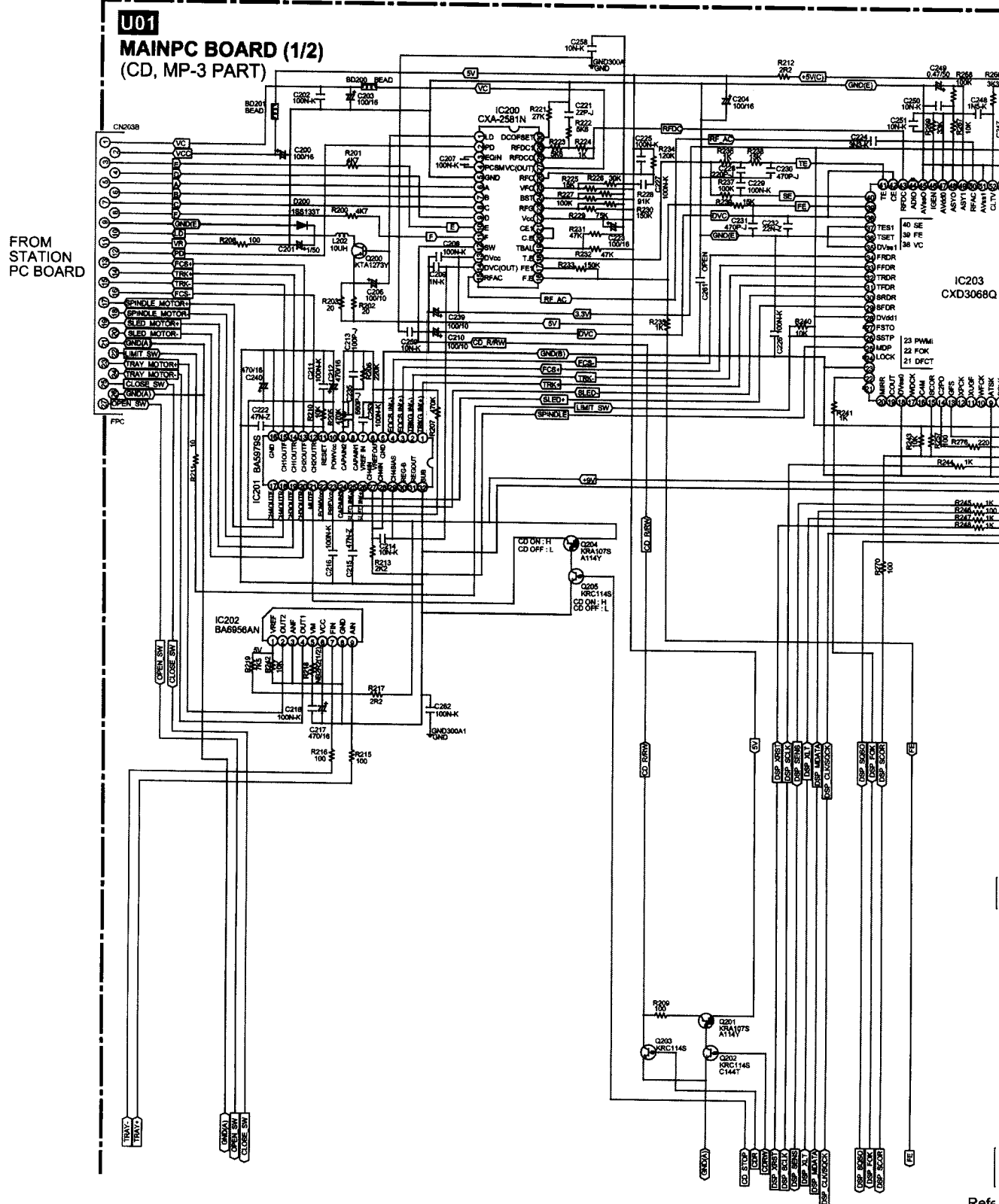


## PARTS LIST

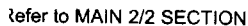
| NO    | PART NO      | PART NAME         | Q'TY | REMARK       |
|-------|--------------|-------------------|------|--------------|
| 1     | 341021007101 | BODY, MECHA-06    | 1    |              |
| 2     | 460021001101 | TRAY, LOADING-06  | 1    |              |
| 3     | 340021005101 | BASE, PU DRIVE-06 | 1    |              |
| 4     | 247004021101 | GEAR, CENTER      | 1    |              |
| 5     | 247000058000 | GEAR, LOAD        | 1    |              |
| 6     | 247000046000 | GEAR, PULLEY      | 1    |              |
| 7     | 264021002101 | SLIDER, BASE P/U  | 1    |              |
| 8     | 250000008000 | PULLEY, MOTOR     | 1    |              |
| 9     | 249000021001 | BELT, LOADING     | 1    |              |
| 10    | 447000406000 | PLATE CLAMPER     | 1    |              |
| 11    | 7600GZ3400L1 | MAGNET, CORE III  | 1    |              |
| 12    | 433002004101 | CLAMPER4          | 1    |              |
| 13    | 124002013502 | INSULATOR         | 2    | 30° RED      |
| 14    | 124002013501 | INSULATOR         | 2    | 48° GREEN    |
| 15    | 702011567000 | PCB, MOTOR        | 1    |              |
| 16    | L10122005001 | HOUSING 5P        | 1    | LG 5P(ANGLE) |
| 17    | G22000001000 | S/W, LEAF         | 1    | SSCF11       |
| 18    | G70000010001 | MOTOR, DC         | 1    | RF-310T      |
| 19    | 803004141901 | PICK UP UNIT      | 1    | CMS-B31SG6   |
| 19 or | 803004062201 | PICK UP UNIT      | (1)  | KSM-213CCM   |
| 19 or | 803000001002 | PICK UP UNIT      | (1)  | KCBT1H       |

## SCHEMATIC DIAGRAMS-2

### CD/MP3 SECTION

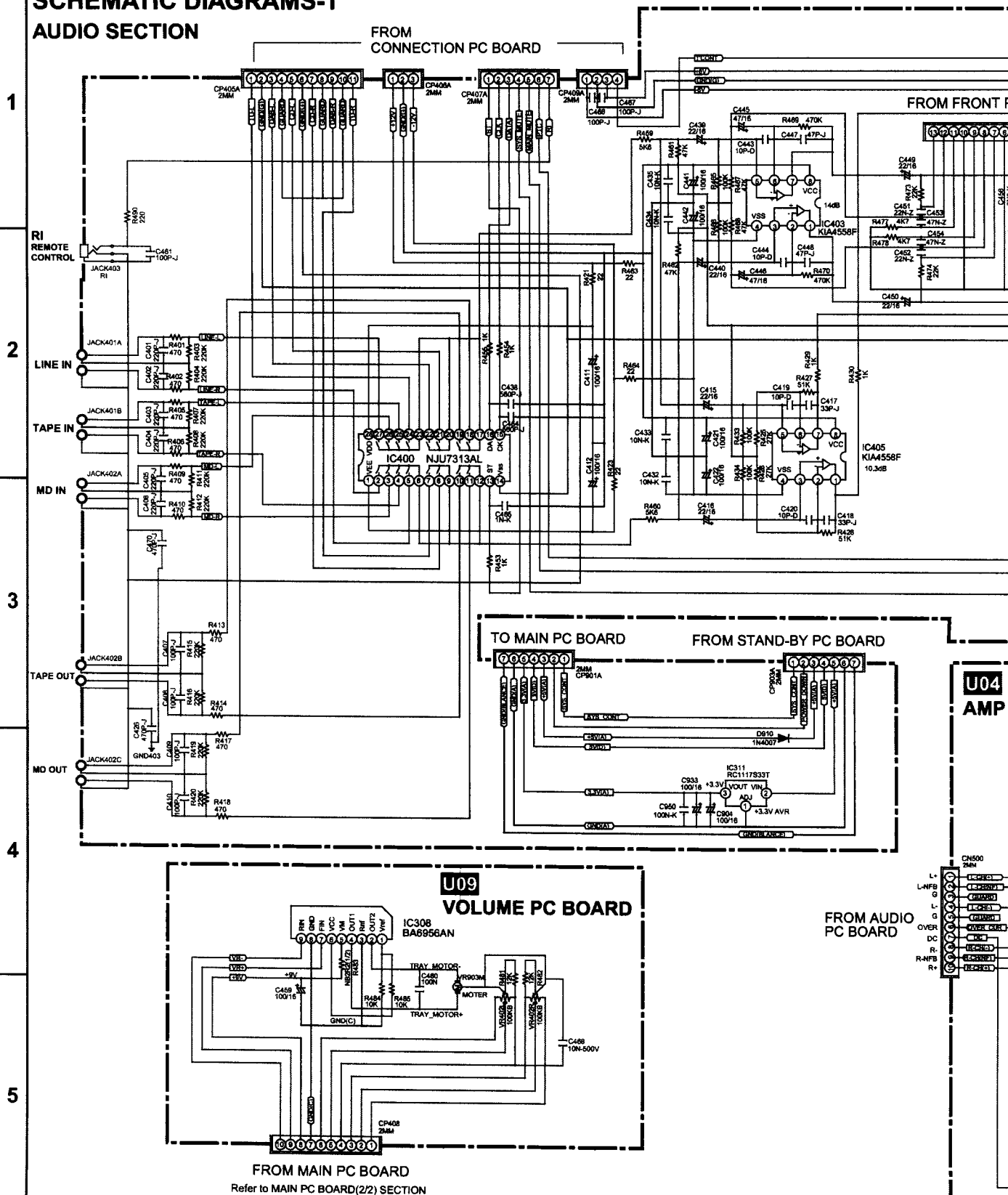


## Refere





## AUDIO SECTION

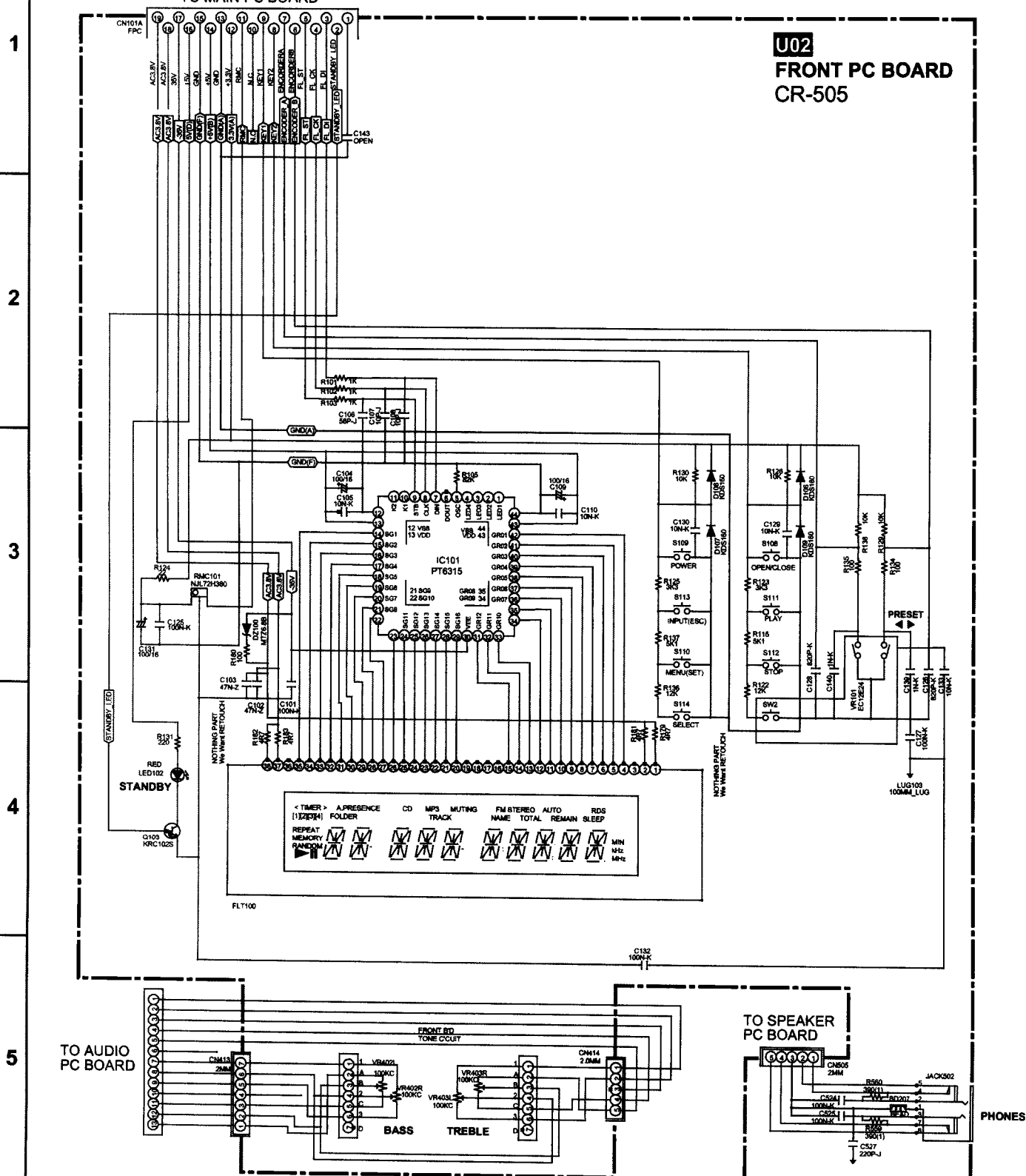




D

**FRONT SECTION: CR-505**

TO MAIN PC BOARD



E

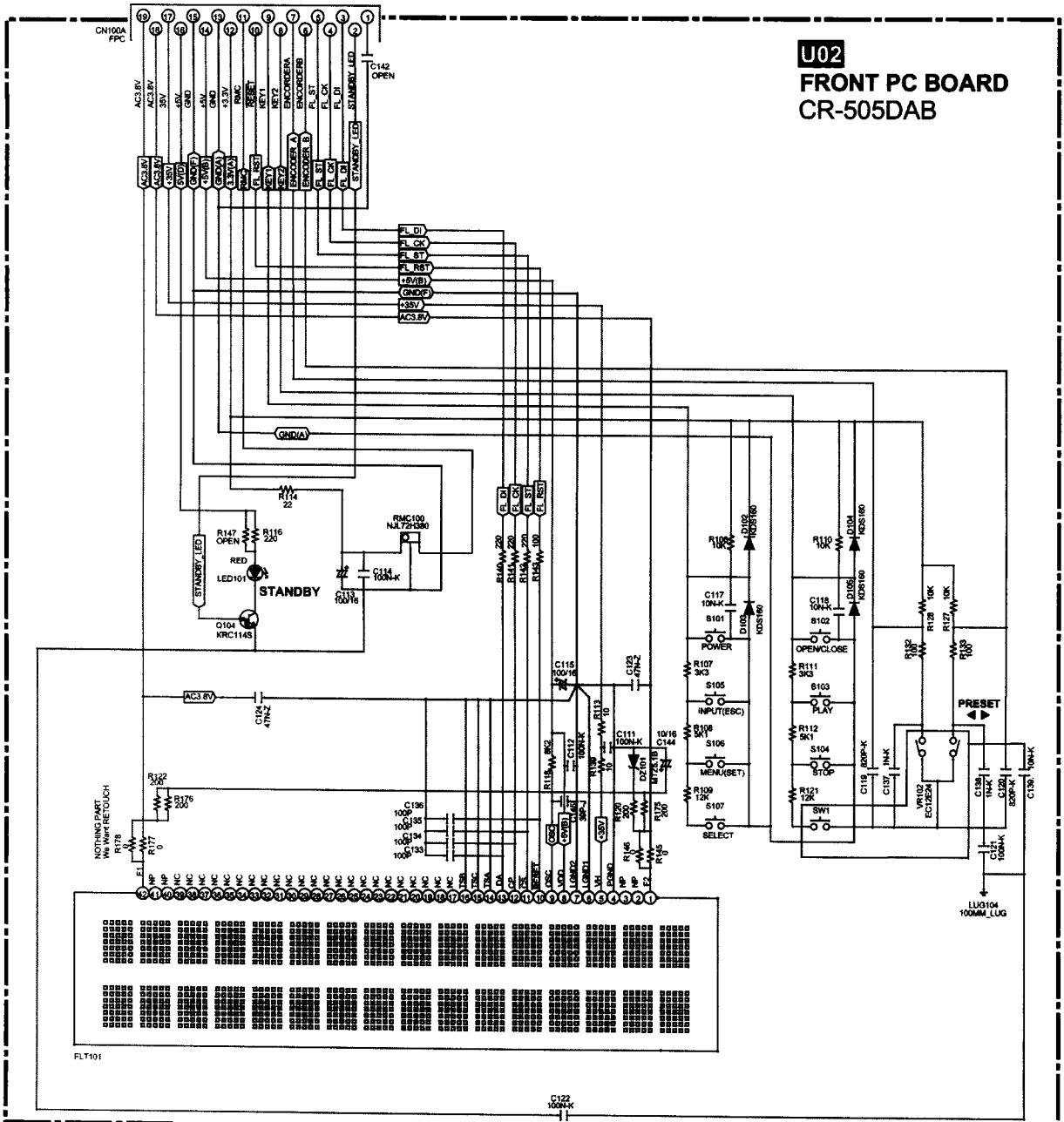
F

G

H

FRONT SECTION: CR-505DAB

TO MAIN PC BOARD

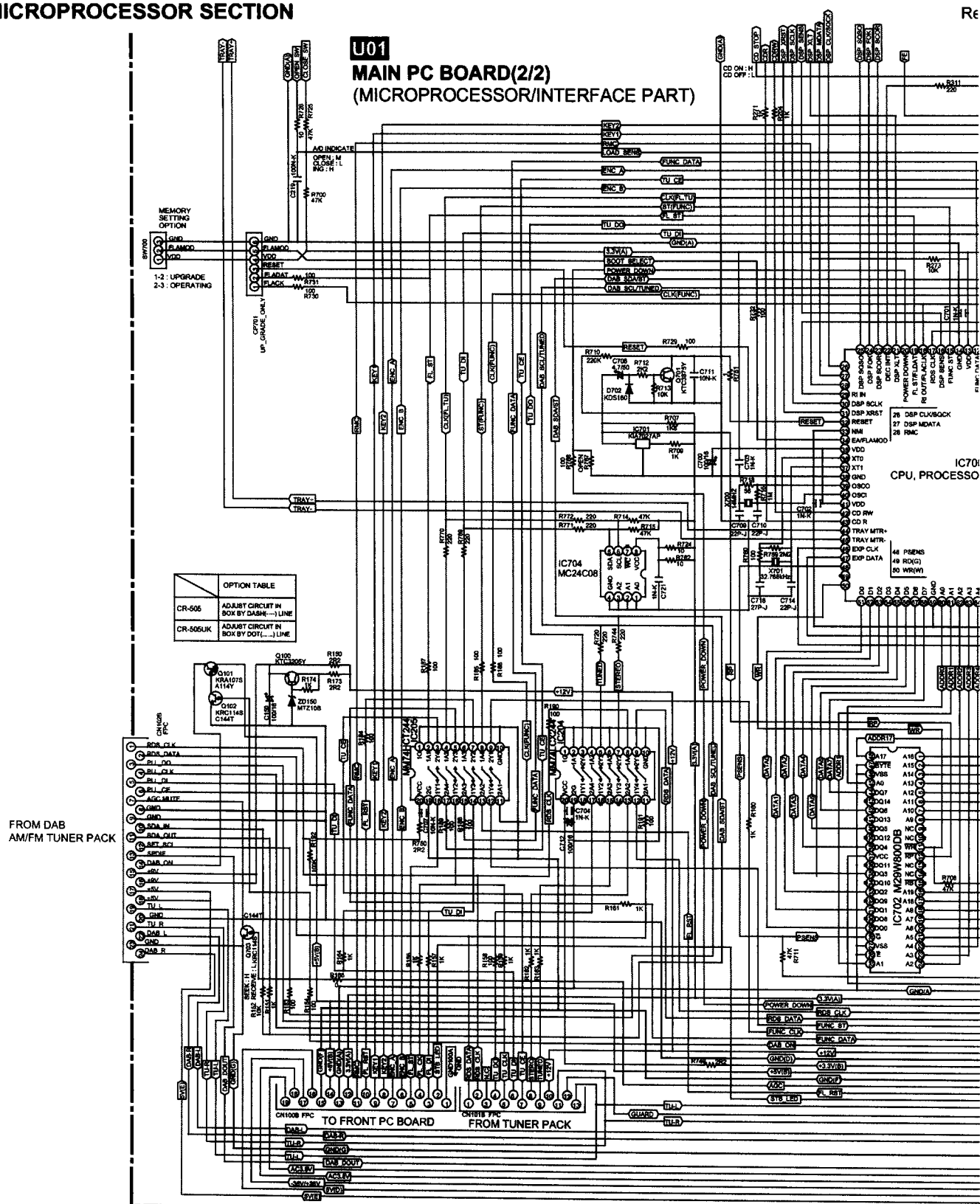


TO AUDIO  
PC BOARD

TO SPEAKER  
PC BOARD

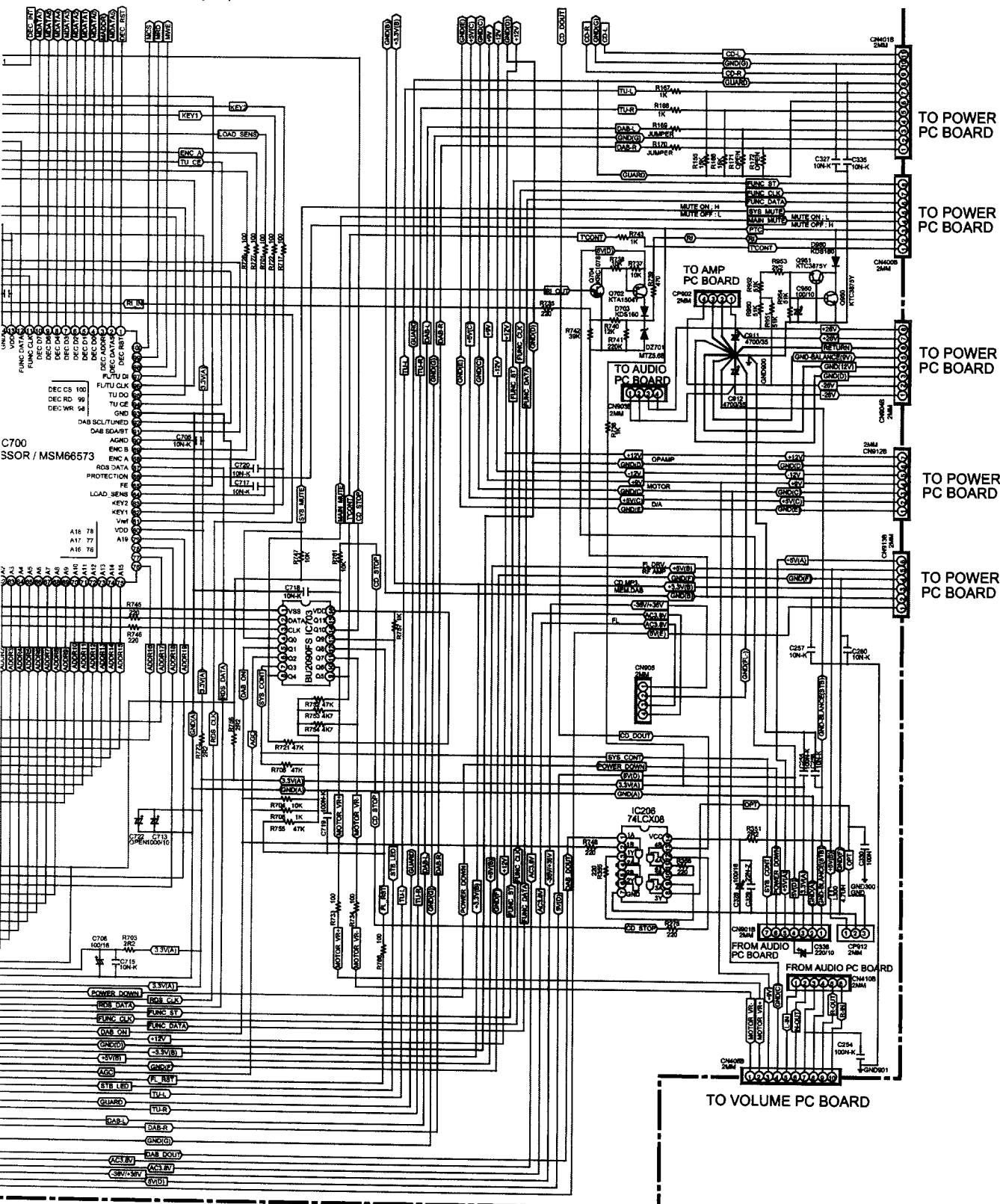
PHONES

## SCHEMATIC DIAGRAMS-4 MICROPROCESSOR SECTION



1

Refer to MAIN PC BOARD(1/2) SECTION

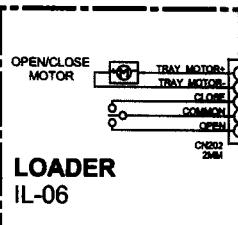
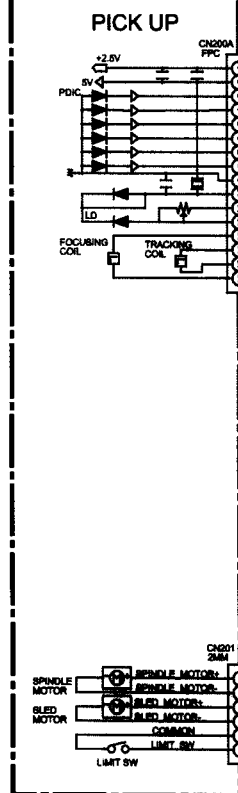


# SCHEMATIC DIAGRAMS-5

## POWER SECTION

### DRIVE UNIT

#### KSS-213CCM

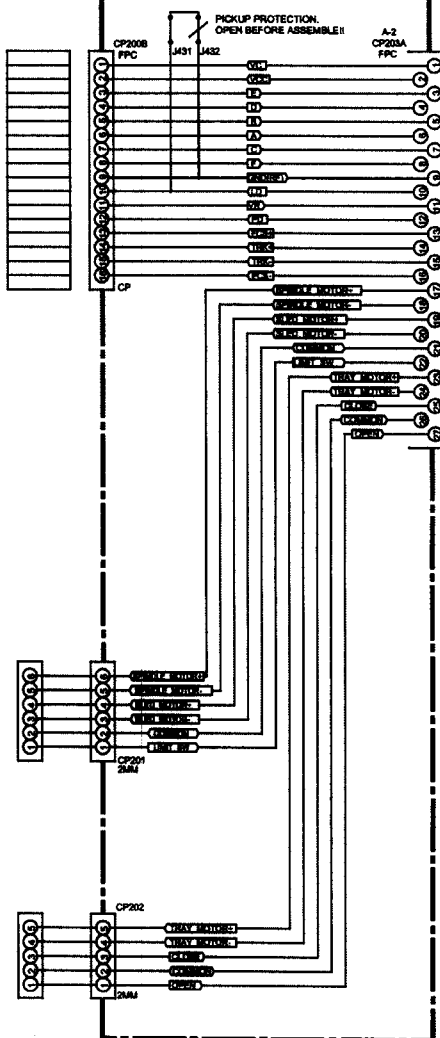


### U08

#### STATION PC BOARD

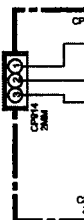
##### CD PICK UP, LOADER

##### CONNECTION PART



TO MAIN PC BOARD  
Refer to MAIN PC BOARD(2/2) SECTION

TO SPEAKER  
PC BOARD



FROM MAIN PC BOARD(2/2)

FROM MAIN PC BOARD(2/2)

#### NOTES

1. Resistor values are indicated in ohms unless otherwise specified  
[k = 1,000 m = 1,000,000]

2. Capacitor values are indicated in microfarads unless otherwise specified.

3. [p = micro-microfarads]

These resistor are to be segregated from printed wiring board or other accessible parts.

#### CAUTION

Safety precaution to be followed during servicing

1) Since those parts marked with are critical parts for safety, use only the one described in the parts list

2) Before returning the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.



E

F

G

H

TO AUDIO PC BOARD

**U08**  
**CONNECTOR PC BOARD**

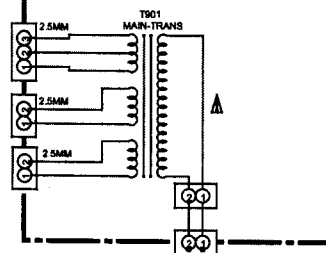
**U05**  
**POWER PC BOARD**

**U06**  
**REGULATOR PC BOARD**

FROM POWER B'D FROM POWER B'D FROM POWER B'D

TO SPEAKER PC BOARD

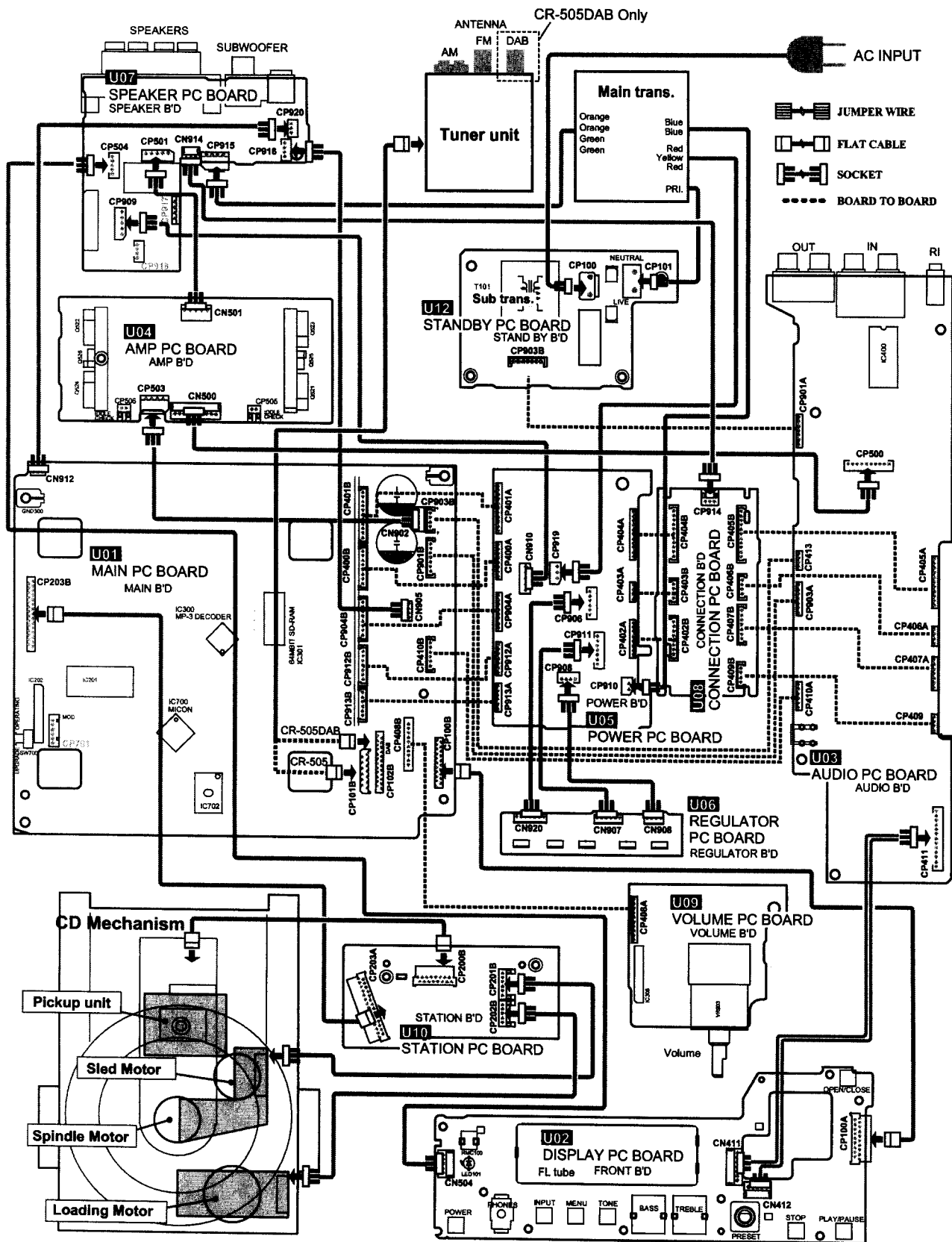
**MAIN TRANS.**



**U12**  
**STANDBY PC BOARD**



## PC BOARD CONNECTION DIAGRAM



## MICROPROCESSOR TERMINAL DESCRIPTIONS-1

## IC700:MSM66573

| PIN | NAME                | I/O | DESCRIPTION                                                                                                                                                                                                                                                                                           |
|-----|---------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | DEC RST             | O   | MP3 Decoder(TMD2201A) RESETB(7) Decoder Reset.                                                                                                                                                                                                                                                        |
| 2   | DEC DATA5           | I/O | Micom I/O Data bus 5 - MP3 Decoder(TMD2201A(76))                                                                                                                                                                                                                                                      |
| 3   | DEC ADDR            | O   | MP3 Decoder(TMD2201A) MADDR(79) Address And Data Bus Configuration Interface out.                                                                                                                                                                                                                     |
| 4   | DEC DATA0           | I/O | Micom I/O Data bus 0 - MP3 Decoder(TMD2201A(71))                                                                                                                                                                                                                                                      |
| 5   | DEC DATA1           | I/O | Micom I/O Data bus 1 - MP3 Decoder(TMD2201A(72))                                                                                                                                                                                                                                                      |
| 6   | DEC DATA2           | I/O | Micom I/O Data bus 2 - MP3 Decoder(TMD2201A(73))                                                                                                                                                                                                                                                      |
| 7   | DEC DATA3           | I/O | Micom I/O Data bus 3 - MP3 Decoder(TMD2201A(74))                                                                                                                                                                                                                                                      |
| 8   | DEC DATA4           | I/O | Micom I/O Data bus 4 - MP3 Decoder(TMD2201A(75))                                                                                                                                                                                                                                                      |
| 9   | DEC DATA6           | I/O | Micom I/O Data bus 6 - MP3 Decoder(TMD2201A(77))                                                                                                                                                                                                                                                      |
| 10  | DEC DATA7           | I/O | Micom I/O Data bus 7 - MP3 Decoder(TMD2201A(78))                                                                                                                                                                                                                                                      |
| 11  | FUNC CLK            | O   | NJU7313AL(15-CK) Control Clock Output.                                                                                                                                                                                                                                                                |
| 12  | FUNC DATA           | O   | NJU7313AL(16-DATA) Control Data Output.<br>NJU7313AL : Function Control.                                                                                                                                                                                                                              |
| 13  | Vdd                 | I   | Must be VDD.                                                                                                                                                                                                                                                                                          |
| 14  | GND                 | --- | GND.                                                                                                                                                                                                                                                                                                  |
| 15  | FUNC ST             | O   | NJU7313AL(13-ST) Chip Enable Output.                                                                                                                                                                                                                                                                  |
| 16  | DSP SENS            | I   | CXD3068Q(7) SENS in.                                                                                                                                                                                                                                                                                  |
| 17  | RDS CLK             | I   | RDS Demodulator(BU1924F(16)) Clock in.                                                                                                                                                                                                                                                                |
| 18  | RI OUT              | O   | (RI)Other System Control Digital Link Data Out.                                                                                                                                                                                                                                                       |
| 19  | FLST                | O   | CR-505 : FI Drv PTC6311(9-STB) Strobe out.<br>CR-505DAB : FL MODULE Strobe out.                                                                                                                                                                                                                       |
| 20  | POWER DOWN          | O   | System Power Down Indicated in.                                                                                                                                                                                                                                                                       |
| 21  | DSP_XLT             | O   | CXD3068Q(5) Latch out.                                                                                                                                                                                                                                                                                |
| 22  | DEC INT             | I   | MP3 Decoder(TMD2201A) DECINT(4) MP3/WMA Decoder Interrupt Signal in.                                                                                                                                                                                                                                  |
| 23  | DSP_SCOR            | I   | CXD3068Q(15) Sub Code synv SO, S1 detect in.                                                                                                                                                                                                                                                          |
| 24  | DSP_FOK             | I   | CXD3068Q(22) Focus OK Signal in.                                                                                                                                                                                                                                                                      |
| 25  | DSP_SQSO            | I   | CXD3068Q(76) Sub-Q 80bit, PCM Peak or Level data in.                                                                                                                                                                                                                                                  |
| 26  | DSP_CLK<br>DSP_SQCK | O   | CXD3068Q(6) CLOK Serial data transfer clock out,<br>CXD3068Q(77) SQCK readout clock out.                                                                                                                                                                                                              |
| 27  | DSP_MDATA           | O   | CXD3068Q(4) Serial data out.                                                                                                                                                                                                                                                                          |
| 28  | RMC                 | I   | Remocon data in.                                                                                                                                                                                                                                                                                      |
| 29  | RI IN               | I   | (RI)Other System Control Digital Link Data In.                                                                                                                                                                                                                                                        |
| 30  | DSP SCLK            | O   | CXD3068Q(8) SENS readout clock out.                                                                                                                                                                                                                                                                   |
| 31  | DSP XRST            | O   | CXD3068Q(2) System Reset out.                                                                                                                                                                                                                                                                         |
| 32  | RST<br>RESET        | I   | Micom Reset signal in.<br>Upgrade Reset.                                                                                                                                                                                                                                                              |
| 33  | NMI                 | I   | N.C(This input pin Requests a non-maskable interrupt.)                                                                                                                                                                                                                                                |
| 34  | FLASH EA<br>FLAMOD  | I   | Low, All Program Addresses wil Access External Program Memory.<br>High, 0H-FFFFH internal Program memory, 10000h-FFFFFFH External Program Memory.<br>(L : NOR FLASH Data Reading Mode -> Set Operating Mode)<br>Reprogram upgrade : High Voltage input to set Serial Mode.(H : NOR FLASH Updata Mode) |
| 35  | Vdd                 | I   | Must be VDD.                                                                                                                                                                                                                                                                                          |

**MICROPROCESSOR TERMINAL DESCRIPTIONS-2****IC700:MSM66573**

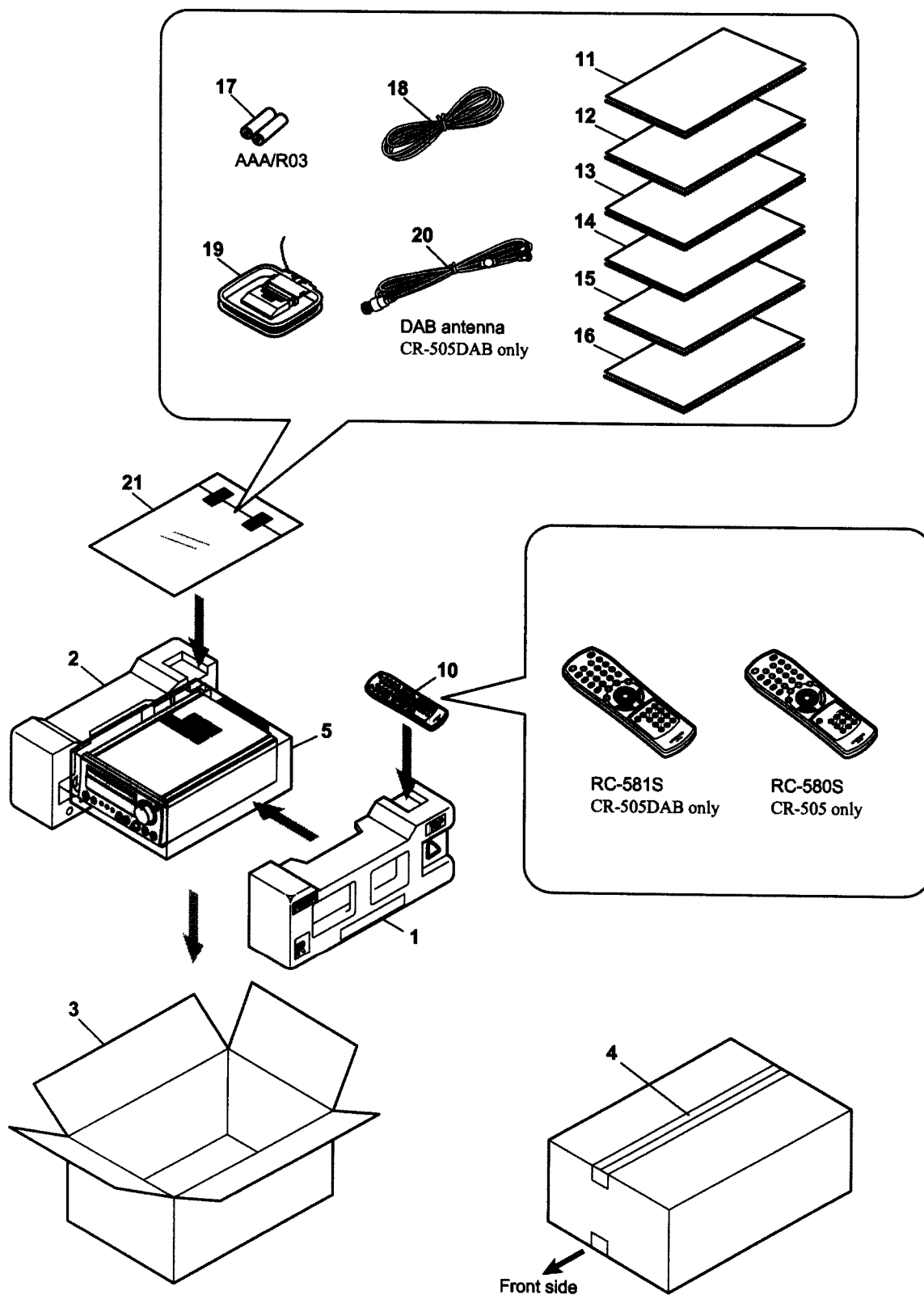
| PIN | NAME      | I/O | DESCRIPTION                                                                                                                                       |
|-----|-----------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 36  | XL0       | I   | Sub Clock Oscillation.                                                                                                                            |
| 37  | XT1       | I   | Sub Clock Oscillation Input.                                                                                                                      |
| 38  | GND       | O   | GND.                                                                                                                                              |
| 39  | OSC O     | I   | System Clock Oscillation.(10MHz)                                                                                                                  |
| 40  | OSC I     | I   | System Clock Oscillation Input.(10MHz)                                                                                                            |
| 41  | Vdd       | I   | Must be VDD.                                                                                                                                      |
| 42  | CD_RW     | I/O | CXA2581N(12) CD-ROM/RW Switching out.                                                                                                             |
| 43  | CD_R      | I/O | CXA2581N(12) CD-ROM/RW Switching out.                                                                                                             |
| 44  | TRAY MTR+ | O   | Loader Control Drive BA6956AN(7) FIN Control out.                                                                                                 |
| 45  | TRAY MTR- | O   | Loader Control Drive BA6956AN(9) RIN Control out.                                                                                                 |
| 46  | EXP CLK   | O   | Expend IC(BU2090FS(3)) Clock In.                                                                                                                  |
| 47  | EXP DATA  | O   | Expend IC(BU2090FV(2)) Data In.                                                                                                                   |
| 48  | PSENS(E)  | O   | External Memory(M29W800DB(28)) Strobe Signal Chip Enable In.                                                                                      |
| 49  | RD(G)     | O   | N.C                                                                                                                                               |
| 50  | WR(W)     | O   | External Memory(M29W800DB(11)) Strobe Signal Write Enable In.<br>External Memory(M29W800DB)BYTE(47) 8bit, 16bit Select Port.(L : 8bit, H : 16bit) |
| 51  | D0        | I/O | External Memory(M29W800DB) Data0(29)                                                                                                              |
| 52  | D1        | I/O | External Memory(M29W800DB) Data1(31)                                                                                                              |
| 53  | D2        | I/O | External Memory(M29W800DB) Data2(33)                                                                                                              |
| 54  | D3        | I/O | External Memory(M29W800DB) Data3(35)                                                                                                              |
| 55  | D4        | I/O | External Memory(M29W800DB) Data4(38)                                                                                                              |
| 56  | D5        | I/O | External Memory(M29W800DB) Data5(40)                                                                                                              |
| 57  | D6        | I/O | External Memory(M29W800DB) Data6(42)                                                                                                              |
| 58  | D7        | I/O | External Memory(M29W800DB) Data7(44)                                                                                                              |
| 59  | GND       | --- | GND.                                                                                                                                              |
| 60  | A0        | I/O | External Memory(M29W800DB) Adress0(45).                                                                                                           |
| 61  | A1        | I/O | External Memory(M29W800DB) Adress1(25).                                                                                                           |
| 62  | A2        | I/O | External Memory(M29W800DB) Adress2(24).                                                                                                           |
| 63  | A3        | I/O | External Memory(M29W800DB) Adress3(23).                                                                                                           |
| 64  | A4        | I/O | External Memory(M29W800DB) Adress4(22).                                                                                                           |
| 65  | A5        | I/O | External Memory(M29W800DB) Adress5(21).                                                                                                           |
| 66  | A6        | I/O | External Memory(M29W800DB) Adress6(20).                                                                                                           |
| 67  | A7        | I/O | External Memory(M29W800DB) Adress7(19).                                                                                                           |
| 68  | A8        | O   | External Memory(M29W800DB) Adress8(18).                                                                                                           |
| 69  | A9        | O   | External Memory(M29W800DB) Adress9(8).                                                                                                            |
| 70  | A10       | O   | External Memory(M29W800DB) Adress10(7).                                                                                                           |

## MICROPROCESSOR TERMINAL DESCRIPTIONS-3

## IC700:MSM66573

| PIN | NAME        | I/O | DESCRIPTION                                                                                            |
|-----|-------------|-----|--------------------------------------------------------------------------------------------------------|
| 71  | A11         | O   | External Memory(M29W800DB) Adress11(6).                                                                |
| 72  | A12         | O   | External Memory(M29W800DB) Adress12(5).                                                                |
| 73  | A13         | O   | External Memory(M29W800DB) Adress13(4).                                                                |
| 74  | A14         | O   | External Memory(M29W800DB) Adress14(3).                                                                |
| 75  | A15         | O   | External Memory(M29W800DB) Adress15(2).                                                                |
| 76  | A16         | O   | External Memory(M29W800DB) Adress16(1).                                                                |
| 77  | A17         | O   | External Memory(M29W800DB) Adress17(48).                                                               |
| 78  | A18         | O   | External Memory(M29W800DB) Adress18(17).                                                               |
| 79  | A19         | O   | External Memory(M29W800DB) Adress19(16).                                                               |
| 80  | Vdd         | I   | Must be VDD.                                                                                           |
| 81  | Vref        | I   | Referance Voltage input for A/D Converter.                                                             |
| 82  | KET1        | I   | Panel Key in.                                                                                          |
| 83  | KEY2        | I   | Panel Key in.                                                                                          |
| 84  | LOADER SENS | I   | Loader Open/Close switch Indicate.(Close : L, Open : M, Ing : H)                                       |
| 85  | FE          | I   | CXA2581N(16) Focus Error in.                                                                           |
| 86  | PROTECTION  | I   | Temparature and DC Protection Detect in.                                                               |
| 87  | RDS DATA    | I   | RDS Demodulator(BU1924F(2)) Data in.                                                                   |
| 88  | ENCODER A   | I   | Encoder Multi Control A Data Input.                                                                    |
| 89  | ENCODER B   | I   | Encoder Multi Control B Data Input.                                                                    |
| 90  | AGND        | --- | GND.                                                                                                   |
| 91  | TU STEREO   | I   | CR-505 : AM/FM LA1844(7) Stereo Indicator Input.                                                       |
|     | DAB SDA     | I/O | CR-505DAB : DAB Tuner Seial Data Communication In/Out.                                                 |
| 92  | TU TUNED    | I   | CR-505 : AM/FM LA1844(6) Tuned Indicator Input.                                                        |
|     | DAB SCL     | O   | CR-505DAB : DAB Tuner Seial Clock Out.                                                                 |
| 93  | GND         | --- | GND.                                                                                                   |
| 94  | TU CE       | O   | CR-505 AM/FM LC72131(2-CE) Chip Enalble out.<br>CR-505DAB : AM/FM LV23002M(15-CE) Chip Enalble out.    |
| 95  | TU DO       | I   | CR-505 : AM/FM LC72131M(5-DO) Data in.<br>CR-505DAB : AM/FM LV23002M(18-DO) Data in.                   |
| 96  | FL CLK      | O   | CR-505 : FI Drv PTC6311(8-CLK), CR-505DAB FL MODULE Control Clock Output.                              |
|     | TU CLK      |     | CR-505 : AM/FM LC72131M(4-CL) Control data out.<br>CR-505DAB : AM/FM LV23002M(17-CL) Control data out. |
|     | E2PROM SCL  |     | EEPROM(MC24C08, 6-SCL) Serial Clock Out.                                                               |
| 97  | FLDI        | O   | CR-505 : FI Drv PTC6311(6-D IN), CR-505DAB FL MODULE Control Data Output.                              |
|     | TU DI       |     | CR-505 : AM/FM LC72131M(3-DI) Control data out.<br>CR-505DAB : AM/FM LV23002M(16-DI) Control data out. |
|     | E2PROM      |     | EEPROM(MC24C08, 5-SDA) Serial Data Out.                                                                |
| 98  | DEC WR      | O   | MP3 Decoder(TMD2201A) MWE(Micom Write Enable(2)) Control out.                                          |
| 99  | DEC RD      | O   | MP3 Decoder(TMD2201A) MRD(Micom Read Enable(3)) Control out.                                           |
| 100 | DEC CS      | O   | MP3 Decoder(TMD2201A) MCS(Micom Chip Select(1)) Control out.                                           |

## PACKING PROCEDURES



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CR-505/505DAB

## EXPLODED VIEW PARTS LIST

NOTE : THE COMPONENTS IDENTIFIED BY THE MARK  
! ARE CRITICAL FOR RISK OF FIRE AND  
ELECTRIC SHOCK. REPLACE ONLY WITH PART  
NUMBER SPECIFIED.

## &lt;Notes&gt;

&lt;DAB&gt;: CR-505DAB British model

&lt;505&gt;: CR-505

&lt;PP&gt;: CR-505 European model

&lt;DT&gt;: CR-505 Taiwanese model

&lt;GT&gt;: CR-505 Asian model

&lt;GR&gt;: CR-505 Chinese model

|    | REF. NO. | NAME                   | DESCRIPTION       | Q'TY | PART NO.      |
|----|----------|------------------------|-------------------|------|---------------|
| EV | 1        | KNOB                   | TUNING(KD)        | 1    | 5080211028000 |
| EV | 2        | KNOB                   | TONE              | 2    | 5087211011000 |
| EV | 3        | WINDOW                 | DISPLAY           | 1    | 5077211963000 |
| EV | 3        | WINDOW                 | DISPLAY           | 1    | 5077211963010 |
| EV | 4        | COVER TRAY             | TRAY              | 1    | 4317211721000 |
| EV | 5        | KNOB                   | VOLUME(IL)        | 1    | 5080211038000 |
| EV | 6        | DECORATION             | RING VOLUME(IL)   | 1    | 5120210531000 |
| EV | 7        | PANEL FRONT            | FRONT             | 1    | 3067211788020 |
| EV | 7        | PANEL FRONT            | FRONT             | 1    | 3067211788010 |
| EV | 7        | PANEL FRONT            | FRONT             | 1    | 3067211788000 |
| EV | 7        | PANEL FRONT            | FRONT             | 1    | 3067211788000 |
| EV | 7        | PANEL FRONT            | FRONT             | 1    | 3067211788000 |
| EV | 8        | PANEL FRAME            | FRAME             | 1    | 3067211791000 |
| EV | 9        | BUTTON                 | FUNCTION 3KEY(IL) | 1    | 5090212411000 |
| EV | 10       | BUTTON                 | POWER(KD)         | 1    | 5098212401000 |
| EV | 12       | DECORATION             | CD DOOR(IL)       | 1    | 5120210521000 |
| EV | 13       | JACK                   | JACK,D3.5 PHONE   | 1    | G401035180030 |
| EV | 14       | HOLDER FLT             | FLT               | 1    | 4320210496100 |
| EV | 16       | CHASSIS MAIN           | ---               | 1    | 3200211476000 |
| EV | 17       | HEAT SINK TR           | ---               | 1    | 2120210708000 |
| EV | 19       | SUPPORTER MECHA        | MECHA             | 1    | 4070210791000 |
| EV | 20       | CD MECHA               | IL-06B            | 1    | 8038041519011 |
| EV | 21       | CABINET TOP            | ---               | 1    | 3007210486000 |
| EV | 22       | INSULATION CABINET TOP | ---               | 1    | 1240210032000 |
| EV | 23       | STOPPER AC CORD        | ---               | 1    | 4380210002000 |
| EV | 25       | TER,RCA 6PIN           | ---               | 1    | G603060056000 |
| EV | 26       | TER,RCA 4PIN           | ---               | 1    | G608040450000 |
| EV | 27       | INSULATION PCB         | ---               | 1    | 1240210062000 |
| EV | 29       | MODULE                 | OPT               | 1    | E100151300010 |
| EV | 30       | TER,RCA 1PIN           | ---               | 1    | G600010003020 |
| EV | 32       | TER,BOARD PUSH 4P      | ---               | 1    | G594040480000 |
| EV | 33       | CORD ASS'Y             | ---               | 1    | L068040014050 |
| EV | 33       | CORD ASS'Y             | ---               | 1    | L068020140010 |
| EV | 33       | CORD ASS'Y             | ---               | 1    | L068020030260 |
| EV | 33       | CORD ASS'Y             | ---               | 1    | L068020140010 |
| EV | 33       | CORD ASS'Y             | ---               | 1    | L068040350010 |
| EV | 34       | TAPE                   | (15 x 60)ACETATE  | 2    | 1220210059010 |
| EV | 35       | COVER HEAT SINK        | ---               | 1    | 4310211711000 |
| EV | 36       | CHASSIS BACK           | ---               | 1    | 3207211486100 |
| EV | 36       | CHASSIS BACK           | ---               | 1    | 3207211486100 |
| EV | 36       | CHASSIS BACK           | ---               | 1    | 3207211486100 |
| EV | 36       | CHASSIS BACK           | ---               | 1    | 3207211486110 |
| EV | 36       | CHASSIS BACK           | ---               | 1    | 3207211486000 |
| EV | 37       | TAPE(15 x 80)ACETATE   | ---               | 1    | 1220210059070 |

|    |     |                         |                                           |    |               |
|----|-----|-------------------------|-------------------------------------------|----|---------------|
| EV | 39  | HEAT SINK MAIN          | ---                                       | 1  | 2120210698000 |
| EV | 41  | TRANS                   | ---                                       | 1  | 8200660550300 |
| EV | 41  | TRANS                   | ---                                       | 1  | 8200660550290 |
| EV | 41  | TRANS                   | ---                                       | 1  | 8200280150180 |
| EV | 41  | TRANS                   | ---                                       | 1  | 8200660550290 |
| EV | 41  | TRANS                   | ---                                       | 1  | 8200660550300 |
| EV | 43  | FASTENER                | ---                                       | 1  | 4420010223010 |
| EV | 44  | FOOT                    | ---                                       | 4  | 4000210281000 |
| EV | 45  | CUSHION FOOT            | ---                                       | 4  | 4050210585000 |
| EV | 46  | BUTTON                  | OPEN-CLOSE(IL)                            | 1  | 5090212421000 |
| EV | 47  | BUTTON                  | PLAY 2KEY                                 | 1  | 5097212391000 |
| EV | 50  | CLAMP                   | CABLE TIE DACT-100A                       | 5  | 4330040343010 |
| EV | 51  | BRACKET SCREW           | SCREW                                     | 1  | 4010210196000 |
| EV | 52  | JACK                    | D3.5 // HSI1501-011010                    | 1  | G401150100010 |
| EV | 53  | SHEET COOLING           | ---                                       | 2  | 1210210335000 |
| EV | 54  | PLATE                   | GROUND                                    | 1  | 4470210709000 |
| EV | 55  | TAPE (15 x 110) ACETATE | ---                                       | 2  | 1220210059000 |
| EV | 56  | PLATE                   | PBS t=1.0 GROUND                          | 1  | 4470210719000 |
| EV | 57  | CUSHION                 | EVA 3t x 17.0 x 26.0                      | 1  | 4050211155000 |
| EV | 58  | TAPE(15 x 20) ACETATE   | ---                                       | 3  | 1220210059060 |
| EV | 59  | HEAT SINK DRIVE IC      | ---                                       | 1  | 2120210788000 |
| EV | 62  | LABEL CLASS-1 & WARNING | ---                                       | 1  | 5507100500520 |
| EV | 63  | LABEL LASER CAUTION     | ---                                       | 1  | 5507100500440 |
| EV | S1  | SCREW                   | TAPPING AS // +2S 3x14 P+S-WASHER ZNY/HH  | 6  | B018230141H10 |
| EV | S2  | SCREW                   | TAP TITE // +2S 3x5 B-TYPE BK/FH          | 2  | B020030053F10 |
| EV | S3  | SCREW                   | TAP TITE // +2S 3x6 B-TYPE ZNY/BH         | 4  | B020030061B10 |
| EV | S4  | SCREW                   | TAP TITE // +2S 3x8 B-TYPE ZNY/BH         | 36 | B020030081B10 |
| EV | S5  | SCREW                   | TAP TITE // +2S 3x17 B-TYPE ZNY/BH        | 2  | B020030171B10 |
| EV | S6  | SCREW                   | TAP TITE // +2S 3x8 B-TYPE N/BH           | 3  | B020030084B10 |
| EV | S7  | SCREW                   | TAP TITE AS // +3S 4x10 P+S-WASHER ZNY/BH | 4  | B028940101B10 |
| EV | S8  | SCREW                   | TAP TITE // +2S 3x10 B-TYPE(DOT) BK/BH    | 14 | B020030103B11 |
| EV | S9  | SCREW                   | TAP TITE // +2S 3x10 B-TYPE BK/FH         | 2  | B020030103F10 |
| EV | S10 | SCREW                   | TAP TITE // +2S 3x12 B-TYPE ZNY/BH        | 4  | B020030121B10 |
| EV | U01 | MAIN PCB ASSY           | CR505DAB CPB                              | 1  | 7028063021010 |
| EV | U01 | MAIN PCB ASSY           | CR505 CPP                                 | 1  | 7028063031010 |
| EV | U01 | MAIN PCB ASSY           | CR505 CGT                                 | 1  | 7028063031020 |
| EV | U01 | MAIN PCB ASSY           | CR505 CGR                                 | 1  | 7028063031020 |
| EV | U01 | MAIN PCB ASSY           | CR505 CDT                                 | 1  | 7028063031020 |
| EV | U02 | FRONT PCB ASSY          | CR505DAB CPB                              | 1  | 7028063022010 |
| EV | U02 | FRONT PCB ASSY          | CR505 CPP                                 | 1  | 7028063032010 |
| EV | U02 | FRONT PCB ASSY          | CR505 CGT                                 | 1  | 7028063032010 |
| EV | U02 | FRONT PCB ASSY          | CR505 CGR                                 | 1  | 7028063032010 |
| EV | U02 | FRONT PCB ASSY          | CR505 CDT                                 | 1  | 7028063032010 |
| EV | U03 | AUDIO PCB ASSY          | CR505DAB CPB                              | 1  | 7028063041020 |
| EV | U03 | AUDIO PCB ASSY          | CR505 CPP                                 | 1  | 7028063041010 |
| EV | U03 | AUDIO PCB ASSY          | CR505 CGT                                 | 1  | 7028063041010 |
| EV | U03 | AUDIO PCB ASSY          | CR505 CGR                                 | 1  | 7028063041010 |
| EV | U03 | AUDIO PCB ASSY          | CR505 CDT                                 | 1  | 7028063041010 |
| EV | U04 | AMP PCB ASSY            | CR505DAB CPB                              | 1  | 7028063042010 |
| EV | U04 | AMP PCB ASSY            | CR505 CPP                                 | 1  | 7028063042010 |
| EV | U04 | AMP PCB ASSY            | CR505 CGT                                 | 1  | 7028063042010 |
| EV | U04 | AMP PCB ASSY            | CR505 CGR                                 | 1  | 7028063042010 |
| EV | U04 | AMP PCB ASSY            | CR505 CDT                                 | 1  | 7028063042010 |
| EV | U05 | POWER PCB ASSY          | CR505DAB CPB                              | 1  | 7028063043010 |
| EV | U05 | POWER PCB ASSY          | CR505 CPP                                 | 1  | 7028063043010 |
| EV | U05 | POWER PCB ASSY          | CR505 CGT                                 | 1  | 7028063043010 |



|    |      |                           |                                         |   |               |
|----|------|---------------------------|-----------------------------------------|---|---------------|
| EV | U05  | POWER PCB ASSY            | CR505 CGR                               | 1 | 7028063043010 |
| EV | U05  | POWER PCB ASSY            | CR505 CDT                               | 1 | 7028063043010 |
| EV | U06  | REGULATOR PCB ASSY        | CR505DAB CPB                            | 1 | 7028063044020 |
| EV | U06  | REGULATOR PCB ASSY        | CR505 CPP                               | 1 | 7028063044010 |
| EV | U06  | REGULATOR PCB ASSY        | CR505 CGT                               | 1 | 7028063044010 |
| EV | U06  | REGULATOR PCB ASSY        | CR505 CGR                               | 1 | 7028063044010 |
| EV | U06  | REGULATOR PCB ASSY        | CR505 CDT                               | 1 | 7028063044010 |
| EV | U07  | SPEAKER PCB ASSY          | CR505DAB CPB                            | 1 | 7028063045020 |
| EV | U07  | SPEAKER PCB ASSY          | CR505 CPP                               | 1 | 7028063045010 |
| EV | U07  | SPEAKER PCB ASSY          | CR505 CGT                               | 1 | 7028063045010 |
| EV | U07  | SPEAKER PCB ASSY          | CR505 CGR                               | 1 | 7028063045010 |
| EV | U07  | SPEAKER PCB ASSY          | CR505 CDT                               | 1 | 7028063045010 |
| EV | U08  | CONNECTOR PCB ASSY        | CR505DAB CPB                            | 1 | 7028063046010 |
| EV | U08  | CONNECTOR PCB ASSY        | CR505 CPP                               | 1 | 7028063046010 |
| EV | U08  | CONNECTOR PCB ASSY        | CR505 CGT                               | 1 | 7028063046010 |
| EV | U08  | CONNECTOR PCB ASSY        | CR505 CGR                               | 1 | 7028063046010 |
| EV | U08  | CONNECTOR PCB ASSY        | CR505 CDT                               | 1 | 7028063046010 |
| EV | U09  | VOLUME PCB ASSY           | CR505DAB CPB                            | 1 | 7028063047010 |
| EV | U09  | VOLUME PCB ASSY           | CR505 CPP                               | 1 | 7028063047010 |
| EV | U09  | VOLUME PCB ASSY           | CR505 CGT                               | 1 | 7028063047010 |
| EV | U09  | VOLUME PCB ASSY           | CR505 CGR                               | 1 | 7028063047010 |
| EV | U09  | VOLUME PCB ASSY           | CR505 CDT                               | 1 | 7028063047010 |
| EV | U10  | STATION PCB ASSY          | CR505DAB CPB                            | 1 | 7028063048010 |
| EV | U10  | STATION PCB ASSY          | CR505 CPP                               | 1 | 7028063048010 |
| EV | U10  | STATION PCB ASSY          | CR505 CGT                               | 1 | 7028063048010 |
| EV | U10  | STATION PCB ASSY          | CR505 CGR                               | 1 | 7028063048010 |
| EV | U10  | STATION PCB ASSY          | CR505 CDT                               | 1 | 7028063048010 |
| EV | U11  | GUIDE PCB ASSY            | CR505DAB CPB                            | 1 | 7028063049010 |
| EV | U11  | GUIDE PCB ASSY            | CR505 CPP                               | 1 | 7028063049010 |
| EV | U11  | GUIDE PCB ASSY            | CR505 CGT                               | 1 | 7028063049010 |
| EV | U11  | GUIDE PCB ASSY            | CR505 CGR                               | 1 | 7028063049010 |
| EV | U11  | GUIDE PCB ASSY            | CR505 CDT                               | 1 | 7028063049010 |
| EV | U12  | STANDBY PCB ASSY          | CR505DAB CPB                            | 1 | 702806304B060 |
| EV | U12  | STANDBY PCB ASSY          | CR505 CPP                               | 1 | 702806304B010 |
| EV | U12  | STANDBY PCB ASSY          | CR505 CGT                               | 1 | 702806304B020 |
| EV | U12  | STANDBY PCB ASSY          | CR505 CGR                               | 1 | 702806304B050 |
| EV | U12  | STANDBY PCB ASSY          | CR505 CDT                               | 1 | 702806304B040 |
| EV | F900 | FUSE                      | T1.25A /250V-SVBRTC(K) 218              | 1 | N751221251110 |
| EV | F900 | FUSE                      | T1.25A /250V-SVBRTC(K) 218              | 1 | N751221251110 |
| EV | F900 | FUSE                      | T1.25A /250V-SVBRTC(K) 218              | 1 | N751221251110 |
| EV | F900 | FUSE                      | T1.25A /250V-SVBRTC(K) 218              | 1 | N751221251110 |
| EV | F900 | FUSE                      | T1.25A /250V-SVBRTC(K) 218              | 1 | N751221251110 |
| EV | P100 | CABLE, FLAT               | 1.0x19x120(TL)x(4/5/6/28)x(0.1x0.65)    | 1 | L301111190020 |
| EV | P102 | CABLE, FLAT SHIELD 1.0MM  | 1.0x24x300(TL)x(5/5/10)x(0.1x0.65)      | 1 | N713243034810 |
| EV | P102 | CABLE, FLAT SHIELD 1.25MM | 1.25x13 250(TL) C(5/5/10) (0.1x0.8)     | 1 | N714132534810 |
| EV | P200 | CABLE, FLAT 1.0MM         | 1.0x16x100(TL)x(5/5/10)x(0.035x0.65)    | 1 | N711161032810 |
| EV | P203 | CABLE, FLAT 1.0MM         | 1.0x29x100(TL)x(5/5/10)x(0.035x0.65)    | 1 | N711291032810 |
| EV | P201 | CN,WIRE                   | 120MM/6P GIL-S-06=GIL-S-06 RD20080#28   | 1 | L000121060100 |
| EV | P202 | CN,WIRE                   | 150MM/5P GIL-S-05=GIL-S-05 RD20080#28   | 1 | L000151050070 |
| EV | U13  | TUNER AM/FM               | TDE-5001-A2 EURAKA-147 3BAND(DAB,FM,AM) | 1 | E903500120010 |
| EV | U13  | TUNER AM/FM               | KST-MV114MA1-C10 RDS+BPF+4GANG+MW+50US  | 1 | E903114100060 |
| EV | U13  | TUNER AM/FM               | KST-MV011MA1-C10 B.P.F+3GANG+FM/MW+50US | 1 | E90311100020  |
| EV | U13  | TUNER AM/FM               | KST-MV011MA1-C10 B.P.F+3GANG+FM/MW+50US | 1 | E90311100020  |
| EV | U13  | TUNER AM/FM               | KST-MV011MA1-C10 B.P.F+3GANG+FM/MW+50US | 1 | E90311100020  |
| EV | Q521 | TR                        | 2SD2389-Y                               | 1 | J5032389Y1170 |
| EV | Q522 | TR                        | 2SB1559-Y                               | 1 | J5011559Y1170 |

|    |         |    |           |   |               |
|----|---------|----|-----------|---|---------------|
| EV | Q523    | TR | 2SB1559-Y | 1 | J5011559Y1170 |
| EV | Q524    | TR | 2SD2389-Y | 1 | J5032389Y1170 |
| EV | Q525    | TR | 2SC4137-V | 1 | J5024137V0130 |
| EV | Q526    | TR | 2SC4137-V | 1 | J5024137V0130 |
| EV | <Notes> |    |           |   |               |
| EV |         |    |           |   |               |

CR-505/505DAB

**EXPLODED VIEW PARTS LIST OF MECHANISM (CD)**

|    | REF. NO. | NAME              | DESCRIPTION   | Q'TY | PART NO.     |
|----|----------|-------------------|---------------|------|--------------|
| CD | 1        | BODY, MECHA-06    | ---           | 1    | 341021007101 |
| CD | 2        | TRAY, LOADING-06  | ---           | 1    | 460021001101 |
| CD | 3        | BASE, PU DRIVE-06 | ---           | 1    | 340021005101 |
| CD | 4        | GEAR, CENTER      | ---           | 1    | 247004021101 |
| CD | 5        | GEAR,LOAD         | ---           | 1    | 247000058000 |
| CD | 6        | GEAR, PULLEY      | ---           | 1    | 247000046000 |
| CD | 7        | SLIDER, BASE P/U  | ---           | 1    | 264021002101 |
| CD | 8        | PULLEY, MOTOR     | ---           | 1    | 250000008000 |
| CD | 9        | BELT, LOADING     | ---           | 1    | 249000021001 |
| CD | 10       | PLATE,CLAMPER     | ---           | 1    | 447000406000 |
| CD | 11       | MAGNET, CORE III  | ---           | 1    | 7600QZ3400L1 |
| CD | 12       | CLAMPER4          | ---           | 1    | 433002004101 |
| CD | 13       | INSULATOR         | 30 RED        | 2    | 124002013502 |
| CD | 14       | INSULATOR         | 48 GREEN      | 2    | 124002013501 |
| CD | 15       | PCB, MOTOR        | PC board only | 1    | 702011567000 |
| CD | 16       | HOUSING 5P        | LG 5P(Angle)  | 1    | L10122005001 |
| CD | 17       | S/W, LEAF         | SSCF11        | 1    | G22000001000 |
| CD | 18       | MOTOR, DC         | RF-310T       | 1    | G70000010001 |
| CD | 19       | PICK UP UNIT      | CMS-B31SG6    | 1    | 803004141901 |
| CD | 19 or    | PICK UP UNIT      | KSM-213CCM    | (1)  | 803004062201 |
| CD | 19 or    | PICK UP UNIT      | KCBT1H        | (1)  | 803000001002 |

CR-505/505DAB

**PC BOARD PARTS LIST**

NOTE : THE COMPONENTS IDENTIFIED BY THE MARK  
! ARE CRITICAL FOR RISK OF FIRE AND  
ELECTRIC SHOCK. REPLACE ONLY WITH PART  
NUMBER SPECIFIED.

&lt;Notes&gt;

&lt;DAB&gt;: CR-505DAB British mode

&lt;505&gt;: CR-505

&lt;PP&gt;: CR-505 European model

&lt;DT&gt;: CR-505 Taiwanese model

&lt;GT&gt;: CR-505 Asian model

&lt;GR&gt;: CR-505 Chaineese model

**1101 MAIN PC BOARD**

|     | REF. NO. | NAME           | DESCRIPTION                  | Q'TY | PART NO.      |
|-----|----------|----------------|------------------------------|------|---------------|
| U01 | BD200    | BEAD,COIL CHIP | HB-IT2012-121JT(CERATEC)2012 | 1    | 7611010000020 |
| U01 | BD201    | BEAD,COIL CHIP | HB-IT2012-121JT(CERATEC)2012 | 1    | 7611010000020 |
| U01 | BD202    | BEAD,COIL CHIP | HB-IT2012-121JT(CERATEC)2012 | 1    | 7611010000020 |
| U01 | BD203    | BEAD,COIL CHIP | HB-IT2012-121JT(CERATEC)2012 | 1    | 7611010000020 |
| U01 | BD204    | BEAD,COIL CHIP | HB-IT2012-121JT(CERATEC)2012 | 1    | 7611010000020 |
| U01 | BD205    | BEAD,COIL CHIP | HB-IT2012-121JT(CERATEC)2012 | 1    | 7611010000020 |
| U01 | BD300    | BEAD,COIL CHIP | HB-IT2012-121JT(CERATEC)2012 | 1    | 7611010000020 |
| U01 | BD301    | BEAD,COIL CHIP | HB-IT2012-121JT(CERATEC)2012 | 1    | 7611010000020 |
| U01 | BD302    | BEAD,COIL CHIP | HB-IT2012-121JT(CERATEC)2012 | 1    | 7611010000020 |

|     |      |                     |                           |   |               |
|-----|------|---------------------|---------------------------|---|---------------|
| U01 | C150 | C,ELECT GE 85C      | 100UF-M/16V,6.3x7-5RE SY  | 1 | D040101083060 |
| U01 | C200 | C,ELECT GE 85C      | 100UF-M/16V,6.3x7-5RE SY  | 1 | D040101083060 |
| U01 | C201 | C,ELECT GE 85C      | 1UF-M/50V,3x5-5RE SY      | 1 | D040010087070 |
| U01 | C202 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C203 | C,ELECT GE 85C      | 100UF-M/16V,6.3x7-5RE SY  | 1 | D040101083060 |
| U01 | C204 | C,ELECT GE 85C      | 100UF-M/16V,6.3x7-5RE SY  | 1 | D040101083060 |
| U01 | C206 | C,ELECT GE 85C      | 100UF-M/10V,6.3x5-5RE SY  | 1 | D040101082050 |
| U01 | C207 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C208 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C209 | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608      | 1 | D011102777160 |
| U01 | C210 | C,ELECT GE 85C      | 100UF-M/10V,6.3x5-5RE SY  | 1 | D040101082050 |
| U01 | C211 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C212 | C,ELECT GE 85C      | 470UF-M/16V,8x11.5-5RE SY | 1 | D040471083020 |
| U01 | C213 | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608       | 1 | D010101167160 |
| U01 | C214 | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608      | 1 | D011103777160 |
| U01 | C216 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C217 | C,ELECT GE 85C      | 470UF-M/16V,8x11.5-5RE SY | 1 | D040471083020 |
| U01 | C218 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C219 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C221 | C,CERAMIC CHIP T.C  | COG22PF-J/50V-1608        | 1 | D010220167160 |
| U01 | C222 | C,CERAMIC CHIP HIK  | Y5V0.047UF-Z/50V-1608     | 1 | D011473597160 |
| U01 | C223 | C,ELECT GE 85C      | 100UF-M/16V,6.3x7-5RE SY  | 1 | D040101083060 |
| U01 | C224 | C,CERAMIC CHIP HIK  | X7R3300PF-K/50V-1608      | 1 | D011332777160 |
| U01 | C225 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C226 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C227 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C228 | C,CERAMIC CHIP T.C  | COG220PF-J/50V-1608       | 1 | D010221167160 |
| U01 | C229 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C230 | C,CERAMIC CHIP T.C  | COG470PF-J/50V-1608       | 1 | D010471167160 |
| U01 | C231 | C,CERAMIC CHIP T.C  | COG470PF-J/50V-1608       | 1 | D010471167160 |
| U01 | C232 | C,CERAMIC CHIP HIK  | Y5V0.022UF-Z/50V-1608     | 1 | D011223597160 |
| U01 | C233 | C,CERAMIC CHIP HIK  | Y5V0.022UF-Z/50V-1608     | 1 | D011223597160 |
| U01 | C234 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C235 | C,CERAMIC CHIP T.C  | COG560pF-J/50V-1608       | 1 | D010561167160 |
| U01 | C236 | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608       | 1 | D010101167160 |
| U01 | C237 | C,CERAMIC CHIP T.C  | COG22PF-J/50V-1608        | 1 | D010220167160 |
| U01 | C238 | C,CERAMIC CHIP T.C  | COG22PF-J/50V-1608        | 1 | D010220167160 |
| U01 | C239 | C,ELECT GE 85C      | 100UF-M/10V,6.3x5-5RE SY  | 1 | D040101082050 |
| U01 | C240 | C,ELECT GE 85C      | 470UF-M/16V,8x11.5-5RE SY | 1 | D040471083020 |
| U01 | C241 | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608      | 1 | D011102777160 |
| U01 | C242 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C243 | C,ELECT GE 85C      | 100UF-M/10V,6.3x5-5RE SY  | 1 | D040101082050 |
| U01 | C244 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C245 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C246 | C,CERAMIC CHIP T.C  | COG220PF-J/50V-1608       | 1 | D010221167160 |
| U01 | C247 | C,CERAMIC CHIP HIK  | Y5V0.047UF-Z/50V-1608     | 1 | D011473597160 |
| U01 | C248 | C,CERAMIC HIK AXIAL | X0.0015UF-M/16V-52RE      | 1 | D005152773530 |
| U01 | C249 | C,ELECT GE 85C      | 0.47UF-M/50V,3*5-5RE SY   | 1 | D040R47087110 |
| U01 | C250 | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608      | 1 | D011103777160 |
| U01 | C251 | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608      | 1 | D011103777160 |
| U01 | C252 | C,ELECT GE 85C      | 100UF-M/16V,6.3x7-5RE SY  | 1 | D040101083060 |
| U01 | C253 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C254 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C255 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608       | 1 | D011104577160 |
| U01 | C256 | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608      | 1 | D011103777160 |
| U01 | C257 | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608      | 1 | D011103777160 |

|     |      |                     |                             |   |               |
|-----|------|---------------------|-----------------------------|---|---------------|
| U01 | C258 | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608        | 1 | D011103777160 |
| U01 | C259 | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608        | 1 | D011103777160 |
| U01 | C260 | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608        | 1 | D011103777160 |
| U01 | C262 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608         | 1 | D011104577160 |
| U01 | C300 | C,CERAMIC CHIP HIK  | X7R5600PF-K/50V-1608        | 1 | D011562777160 |
| U01 | C301 | C,CERAMIC CHIP HIK  | X7R5600PF-K/50V-1608        | 1 | D011562777160 |
| U01 | C302 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608         | 1 | D011104577160 |
| U01 | C303 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608         | 1 | D011104577160 |
| U01 | C305 | C,ELECT GE 85C      | 100UF-M/16V,6.3x7-5RE SY    | 1 | D040101083060 |
| U01 | C306 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608         | 1 | D011104577160 |
| U01 | C307 | C,ELECT GE 85C      | 22UF-M/50V,6.3x7-5RE SRA SY | 1 | D040220087050 |
| U01 | C308 | C,ELECT GE 85C      | 22UF-M/50V,6.3x7-5RE SRA SY | 1 | D040220087050 |
| U01 | C309 | C,CERAMIC CHIP HIK  | Y5V0.022UF-Z/50V-1608       | 1 | D011223597160 |
| U01 | C310 | C,ELECT GE 85C      | 100UF-M/16V,6.3x7-5RE SY    | 1 | D040101083060 |
| U01 | C311 | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608        | 1 | D011102777160 |
| U01 | C312 | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608        | 1 | D011102777160 |
| U01 | C313 | R,CHIP THICK        | 0-J,1/16W-1608              | 1 | C20000006M160 |
| U01 | C314 | R,CHIP THICK        | 0-J,1/16W-1608              | 1 | C20000006M160 |
| U01 | C315 | C,ELECT GE 85C      | 22UF-M/50V,6.3x7-5RE SRA SY | 1 | D040220087050 |
| U01 | C316 | C,ELECT GE 85C      | 22UF-M/50V,6.3x7-5RE SRA SY | 1 | D040220087050 |
| U01 | C317 | C,ELECT GE 85C      | 100UF-M/16V,6.3x7-5RE SY    | 1 | D040101083060 |
| U01 | C318 | C,ELECT GE 85C      | 100UF-M/16V,6.3x7-5RE SY    | 1 | D040101083060 |
| U01 | C319 | C,CERAMIC CHIP HIK  | Y5V0.022UF-Z/50V-1608       | 1 | D011223597160 |
| U01 | C320 | C,CERAMIC CHIP HIK  | Y5V0.022UF-Z/50V-1608       | 1 | D011223597160 |
| U01 | C321 | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608        | 1 | D011102777160 |
| U01 | C322 | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608        | 1 | D011102777160 |
| U01 | C323 | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608        | 1 | D011103777160 |
| U01 | C324 | C,ELECT GE 85C      | 47UF-M/16V,6.3x5-5RE.SY     | 1 | D040470083070 |
| U01 | C325 | C,ELECT GE 85C      | 22UF-M/50V,6.3x7-5RE SRA SY | 1 | D040220087050 |
| U01 | C326 | C,ELECT GE 85C      | 22UF-M/50V,6.3x7-5RE SRA SY | 1 | D040220087050 |
| U01 | C327 | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608        | 1 | D011103777160 |
| U01 | C328 | C,ELECT GE 85C      | 100UF-M/16V,6.3x7-5RE SY    | 1 | D040101083060 |
| U01 | C329 | C,CERAMIC CHIP HIK  | Y5V0.022UF-Z/50V-1608       | 1 | D011223597160 |
| U01 | C330 | C,CERAMIC HIK AXIAL | F0.1UF-Z/50V-52RE           | 1 | D005104597530 |
| U01 | C331 | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608         | 1 | D010101167160 |
| U01 | C332 | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608         | 1 | D010101167160 |
| U01 | C333 | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608         | 1 | D010101167160 |
| U01 | C334 | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608         | 1 | D010101167160 |
| U01 | C335 | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608        | 1 | D011103777160 |
| U01 | C336 | C,ELECT GE 85C      | 220UF-M/16V,6.3x11-5RE      | 1 | D040221083110 |
| U01 | C400 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608         | 1 | D011104577160 |
| U01 | C401 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608         | 1 | D011104577160 |
| U01 | C402 | C,ELECT GE 85C      | 100UF-M/16V,6.3x7-5RE SY    | 1 | D040101083060 |
| U01 | C403 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608         | 1 | D011104577160 |
| U01 | C404 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608         | 1 | D011104577160 |
| U01 | C405 | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608         | 1 | D011104577160 |
| U01 | C700 | C,ELECT GE 85C      | 100UF-M/16V,6.3 x7-5RE SY   | 1 | D040101083060 |
| U01 | C701 | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608        | 1 | D011102777160 |
| U01 | C702 | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608        | 1 | D011102777160 |
| U01 | C703 | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608        | 1 | D011102777160 |
| U01 | C704 | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608        | 1 | D011102777160 |
| U01 | C705 | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608        | 1 | D011103777160 |
| U01 | C706 | C,ELECT GE 85C      | 100UF-M/16V,6.3x7-5RE SY    | 1 | D040101083060 |
| U01 | C707 | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608        | 1 | D011103777160 |
| U01 | C708 | C,ELECT GE 85C      | 4.7UF-M/50V,5x5-5RE SY      | 1 | D0404R7087090 |
| U01 | C709 | C,CERAMIC CHIP T.C  | COG22PF-J/50V-1608          | 1 | D010220167160 |

|     |        |                      |                                     |   |               |
|-----|--------|----------------------|-------------------------------------|---|---------------|
| U01 | C710   | C,CERAMIC CHIP T.C   | COG22PF-J/50V-1608                  | 1 | D010220167160 |
| U01 | C711   | C,CERAMIC CHIP HIK   | X7R0.01UF-K/50V-1608                | 1 | D011103777160 |
| U01 | C712   | C,ELECT GE 85C       | 100UF-M/16V,6.3x7-5RE SY            | 1 | D040101083060 |
| U01 | C713   | C,ELECT GE 85C       | 1000UF-M/6.3V,8x11.5 SD S-5RE       | 1 | D040102081060 |
| U01 | C714   | C,CERAMIC CHIP T.C   | COG22PF-J/50V-1608                  | 1 | D010220167160 |
| U01 | C715   | C,CERAMIC CHIP HIK   | X7R0.01UF-K/50V-1608                | 1 | D011103777160 |
| U01 | C716   | C,CERAMIC CHIP T.C   | COG27PF-J/50V-1608                  | 1 | D010270167160 |
| U01 | C717   | C,CERAMIC CHIP HIK   | X7R0.01UF-K/50V-1608                | 1 | D011103777160 |
| U01 | C718   | C,CERAMIC CHIP HIK   | X7R0.01UF-K/50V-1608                | 1 | D011103777160 |
| U01 | C719   | C,CERAMIC CHIP HIK   | X7R0.1UF-K/50V-1608                 | 1 | D011104577160 |
| U01 | C720   | C,CERAMIC CHIP HIK   | X7R0.01UF-K/50V-1608                | 1 | D011103777160 |
| U01 | C721   | C,CERAMIC CHIP HIK   | X7R1000PF-K/50V-1608                | 1 | D011102777160 |
| U01 | C911   | C,ELECT GE 85C       | 4700UF-M/35V(SHL) BLK(L=5mm) SY     | 1 | D040472085020 |
| U01 | C912   | C,ELECT GE 85C       | 4700UF-M/35V(SHL) BLK(L=5mm) SY     | 1 | D040472085020 |
| U01 | C950   | C,ELECT GE 85C       | 100UF-M/10V,6.3 x 5-5RE SY          | 1 | D040101082050 |
| U01 | CLAMP1 | CLAMP                | HMX9800 DARA-2(W=2.6,L=50)/WIRE     | 1 | 4330000120000 |
| U01 | CLAMP2 | CLAMP                | HMX9800 DARA-2(W=2.6,L=50)/WIRE     | 1 | 4330000120000 |
| U01 | CN902  | CN,WIRE              | 300mm/4P WH1569#22                  | 1 | L000301040100 |
| U01 | CN905  | CN,WIRE              | 240mm/4P WH1569#26                  | 1 | L000241040030 |
| U01 | CN912  | CN,WIRE              | 190mm/3P WH1569#26 +CORE            | 1 | L000191030050 |
| U01 | CP100B | CN.FPC 1.0MM         | 6232-19P DIP ST                     | 1 | L130623201910 |
| U01 | CP101B | CN.FPC 1.25MM        | 8370-131 13P ST                     | 1 | L131837001300 |
| U01 | CP102B | CN.FPC 1.0MM         | 6232-24P DIP ST                     | 1 | L130623202410 |
| U01 | CP203B | CN.FPC 1.0MM         | 6232-29P DIP ST                     | 1 | L130623202910 |
| U01 | CP400B | CN.WAFER 2.0MM       | TUC-P08P-B1 8P WAFER ST (35336-08)  | 1 | L101100040810 |
| U01 | CP401B | CN.WAFER 2.0MM       | TUC-P11P-B1 11P WAFER ST (35336-11) | 1 | L101100041110 |
| U01 | CP408B | CN.WAFER 2.0MM       | TUC-P10P-B1 10P WAFER ST (35336-10) | 1 | L101100041010 |
| U01 | CP410B | CN.WAFER 2.0MM       | TUC-P06P-B1 6P WAFER ST (35336-06)  | 1 | L101100040610 |
| U01 | CP901B | CN.WAFER 2.0MM       | TUC-P07P-B1 7P WAFER ST (35336-07)  | 1 | L101100040710 |
| U01 | CP903B | CN.WAFER 2.0MM       | TUC-P04P-B1 4P WAFER ST (35336-04)  | 1 | L101100040410 |
| U01 | CP904B | CN.WAFER 2.0MM       | TUC-P08P-B1 8P WAFER ST (35336-08)  | 1 | L101100040810 |
| U01 | CP912B | CN.WAFER 2.0MM       | TUC-P07P-B1 7P WAFER ST (35336-07)  | 1 | L101100040710 |
| U01 | CP913B | CN.WAFER 2.0MM       | TUC-P06P-B1 6P WAFER ST (35336-06)  | 1 | L101100040610 |
| U01 | D200   | D,SWITCHING          | 1SS133T-72-52MM                     | 1 | K000013300520 |
| U01 | D702   | D,SWITCHING CHIP     | 1N4148W FAST SWITCHING SOD-323      | 1 | K005041480020 |
| U01 | D703   | D,SWITCHING CHIP     | 1N4148W FAST SWITCHING SOD-323      | 1 | K005041480020 |
| U01 | D950   | D,SWITCHING CHIP     | 1N4148W FAST SWITCHING SOD-323      | 1 | K005041480020 |
| U01 | DZ701  | D,ZENER              | MTZJ5.6B-0.5W/5MA-52mm              | 1 | K06005R644520 |
| U01 | GND300 | TERMINAL             | ALL PBST/GND PLATE                  | 1 | 3790040876010 |
| U01 | GND900 | TERMINAL             | ALL PBST/GND PLATE                  | 1 | 3790040876010 |
| U01 | GND901 | TERMINAL             | ALL PBST/GND PLATE                  | 1 | 3790040876010 |
| U01 | IC200  | IC,OPTICAL-RF AMP    | CXA2581N-24P                        | 1 | J030258100020 |
| U01 | IC201  | IC,LINEAR-DRIVER     | BA5979S/DIP32P                      | 1 | J127597900020 |
| U01 | IC202  | IC,LINEAR-DRIVER     | BA6956AN SIP9 /MOTOR DRIVER         | 1 | J127695600010 |
| U01 | IC203  | IC,OPTICAL-RF SERVO  | CXD3068Q QFP80                      | 1 | J032306800010 |
| U01 | IC204  | IC,LOGIC             | MM74LCX244 TSSOP 20P                | 1 | J040742440180 |
| U01 | IC205  | IC,LOGIC             | MM74HCT244- TSSOP20                 | 1 | J040742440190 |
| U01 | IC206  | IC,LOGIC             | 74LCX08 TSSOP14                     | 1 | J040740800170 |
| U01 | IC300  | IC,LOGIC             | TMD2201A TQFP 80                    | 1 | J040220100010 |
| U01 | IC301  | IC,MEMORY-RAM        | IC42S16400 TSOP54                   | 1 | J001421640020 |
| U01 | IC302  | IC,LOGIC-D/A CONVER  | WM8761 24BIT SOIC14P                | 1 | J042876100010 |
| U01 | IC303  | IC,LINEAR OP         | BA4558F-E2/SOP8P                    | 1 | J121455800140 |
| U01 | IC304  | IC,LINEAR OP         | BA4558F-E2/SOP8P                    | 1 | J121455800140 |
| U01 | IC700  | IC,CPU MICRO PROCESS | MSM66573L-142TBZ010 TQFP100P        | 1 | J020665730010 |
| U01 | IC701  | IC,LINEAR-RESET      | KIA7027AP-AT/P 2.7V TO-92           | 1 | J125702700020 |
| U01 | IC702  | IC,MEMORY FLASH      | M29W800DB AVR 1803                  | 1 | J005298000060 |



|     |       |                      |                             |   |               |
|-----|-------|----------------------|-----------------------------|---|---------------|
| U01 | IC703 | IC,LOGIC-DECODER     | BU2090FS-E2 12-BIT SSOP16   | 1 | J044209000020 |
| U01 | IC704 | IC,MEMORY-EEPROM     | MC24C08-WMN6 SOP8P          | 1 | J000240860010 |
| U01 | L202  | COIL,FILTER-INDUCTOR | 10UH-Q40/24M-R2.5-52RE 02TB | 1 | D330100700520 |
| U01 | L300  | COIL,FILTER-INDUCTOR | 4.7UH-Q40/32M-1.7-52RE 02TB | 1 | D3304R7001020 |
| U01 | Q100  | SEMI,TR/GE NPN 2SC   | KTC3205Y,1W/TO92L-          | 1 | J5023205Y0020 |
| U01 | Q101  | SEMI,CHIP TR/PNP 2SA | KRA107S (PH) /SOT-23        | 1 | J5200107S0050 |
| U01 | Q102  | SEMI,CHIP TR/NPN 2SC | KRC114S (NP) 0.2W/SOT-23    | 1 | J522011400210 |
| U01 | Q200  | SEMI,TR/GE PNP 2SA   | KTA1273Y,1W/TO92L-          | 1 | J5001273Y0050 |
| U01 | Q201  | SEMI,CHIP TR/PNP 2SA | KRA107S (PH) /SOT-23        | 1 | J5200107S0050 |
| U01 | Q202  | SEMI,CHIP TR/NPN 2SC | KRC114S (NP) 0.2W/SOT-23    | 1 | J522011400210 |
| U01 | Q203  | SEMI,CHIP TR/NPN 2SC | KRC114S (NP) 0.2W/SOT-23    | 1 | J522011400210 |
| U01 | Q204  | SEMI,CHIP TR/PNP 2SA | KRA107S (PH) /SOT-23        | 1 | J5200107S0050 |
| U01 | Q205  | SEMI,CHIP TR/NPN 2SC | KRC114S (NP) 0.2W/SOT-23    | 1 | J522011400210 |
| U01 | Q701  | SEMI,CHIP TR/NPN 2SC | KTC3875Y(ALY) 0.15W/SMT     | 1 | J5223875Y0210 |
| U01 | Q702  | SEMI,CHIP TR/PNP 2SA | KTA1504Y(ASY) 0.15W/SMT     | 1 | J5201504Y0210 |
| U01 | Q703  | SEMI,CHIP TR/NPN 2SC | KRC114S (NP) 0.2W/SOT-23    | 1 | J522011400210 |
| U01 | Q704  | SEMI,TR/GE NPN 2SC   | TR CHIP KRC107S SOT23       | 1 | J5020107S0050 |
| U01 | Q950  | SEMI,CHIP TR/NPN 2SC | KTC3875Y(ALY) 0.15W/SMT     | 1 | J5223875Y0210 |
| U01 | Q951  | SEMI,CHIP TR/NPN 2SC | KTC3875Y(ALY) 0.15W/SMT     | 1 | J5223875Y0210 |
| U01 | R150  | R,CARBON FILM        | 2.2-J,1/5W-52RE-AX          | 1 | C0002R206P520 |
| U01 | R151  | R,CHIP THICK         | 1K-J,1/16W-1608             | 1 | C20001026M160 |
| U01 | R152  | R,CHIP THICK         | 10K-J,1/16W-1608            | 1 | C20001036M160 |
| U01 | R153  | R,CHIP THICK         | 100-J,1/16W-1608            | 1 | C20001016M160 |
| U01 | R154  | R,CHIP THICK         | 100-J,1/16W-1608            | 1 | C20001016M160 |
| U01 | R155  | R,CHIP THICK         | 15K-J,1/16W-1608            | 1 | C20001536M160 |
| U01 | R156  | R,CHIP THICK         | 1K-J,1/16W-1608             | 1 | C20001026M160 |
| U01 | R157  | R,CHIP THICK         | 1K-J,1/16W-1608             | 1 | C20001026M160 |
| U01 | R158  | R,CHIP THICK         | 100-J,1/16W-1608            | 1 | C20001016M160 |
| U01 | R159  | R,CHIP THICK         | 1K-J,1/16W-1608             | 1 | C20001026M160 |
| U01 | R160  | R,CHIP THICK         | 1K-J,1/16W-1608             | 1 | C20001026M160 |
| U01 | R161  | R,CHIP THICK         | 1K-J,1/16W-1608             | 1 | C20001026M160 |
| U01 | R162  | R,CHIP THICK         | 1K-J,1/16W-1608             | 1 | C20001026M160 |
| U01 | R163  | R,CHIP THICK         | 1K-J,1/16W-1608             | 1 | C20001026M160 |
| U01 | R164  | R,CHIP THICK         | 1K-J,1/16W-1608             | 1 | C20001026M160 |
| U01 | R165  | R,CHIP THICK         | 0-J,1/16W-1608              | 1 | C20000006M160 |
| U01 | R166  | R,CHIP THICK         | 15K-J,1/16W-1608            | 1 | C20001536M160 |
| U01 | R167  | R,CHIP THICK         | 1K-J,1/16W-1608             | 1 | C20001026M160 |
| U01 | R168  | R,CHIP THICK         | 1K-J,1/16W-1608             | 1 | C20001026M160 |
| U01 | R169  | R,CHIP THICK         | 0-J,1/16W-1608              | 1 | C20000006M160 |
| U01 | R170  | R,CHIP THICK         | 0-J,1/16W-1608              | 1 | C20000006M160 |
| U01 | R173  | R,CARBON FILM        | 2.2-J,1/5W-52RE-AX          | 1 | C0002R206P520 |
| U01 | R174  | R,CHIP THICK         | 1K-J,1/16W-1608             | 1 | C20001026M160 |
| U01 | R184  | R,CHIP THICK         | 100-J,1/16W-1608            | 1 | C20001016M160 |
| U01 | R185  | R,CHIP THICK         | 100-J,1/16W-1608            | 1 | C20001016M160 |
| U01 | R186  | R,CHIP THICK         | 100-J,1/16W-1608            | 1 | C20001016M160 |
| U01 | R187  | R,CHIP THICK         | 100-J,1/16W-1608            | 1 | C20001016M160 |
| U01 | R188  | R,CHIP THICK         | 100-J,1/16W-1608            | 1 | C20001016M160 |
| U01 | R189  | R,CHIP THICK         | 100-J,1/16W-1608            | 1 | C20001016M160 |
| U01 | R190  | R,CHIP THICK         | 100-J,1/16W-1608            | 1 | C20001016M160 |
| U01 | R191  | R,CHIP THICK         | 100-J,1/16W-1608            | 1 | C20001016M160 |
| U01 | R192  | R,CARBON FILM        | 100K-J,1/5W-52RE-AX         | 1 | C00001046P520 |
| U01 | R200  | R,CHIP THICK         | 4.7K-J,1/16W-1608           | 1 | C20004726M160 |
| U01 | R201  | R,CHIP THICK         | 4.7K-J,1/16W-1608           | 1 | C20004726M160 |
| U01 | R202  | R,CHIP THICK         | 20-J,1/16W-1608             | 1 | C20002006M160 |
| U01 | R203  | R,CHIP THICK         | 20-J,1/16W-1608             | 1 | C20002006M160 |
| U01 | R204  | R,CHIP THICK         | 1K-J,1/16W-1608             | 1 | C20001026M160 |

|     |      |                 |                       |   |               |
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| U01 | R205 | R,CHIP THICK    | 470K-J,1/16W-1608     | 1 | C20004746M160 |
| U01 | R206 | R,CHIP THICK    | 220K-J,1/10W-2012     | 1 | C200022460200 |
| U01 | R207 | R,CHIP THICK    | 470K-J,1/16W-1608     | 1 | C20004746M160 |
| U01 | R208 | R,CHIP THICK    | 100-J,1/16W-1608      | 1 | C20001016M160 |
| U01 | R209 | R,CHIP THICK    | 100-J,1/16W-1608      | 1 | C20001016M160 |
| U01 | R210 | R,CHIP THICK    | 10K-J,1/16W-1608      | 1 | C20001036M160 |
| U01 | R211 | R,CHIP THICK    | 10-J,1/16W-1608       | 1 | C20001006M160 |
| U01 | R212 | R,CARBON FILM   | 2.2-J,1/5W-52RE-AX    | 1 | C0002R206P520 |
| U01 | R213 | R,CHIP THICK    | 2.2K-J,1/16W-1608     | 1 | C20002226M160 |
| U01 | R215 | R,CHIP THICK    | 100-J,1/16W-1608      | 1 | C20001016M160 |
| U01 | R216 | R,CHIP THICK    | 100-J,1/16W-1608      | 1 | C20001016M160 |
| U01 | R217 | R,CARBON FILM   | 2.2-J,1/5W-52RE-AX    | 1 | C0002R206P520 |
| U01 | R218 | R,FUSIBLE METAL | 2.2-J 1/2W R. PNFR25H | 1 | C1012R2064060 |
| U01 | R219 | R,CHIP THICK    | 7.5K-J,1/16W-1608     | 1 | C20007526M160 |
| U01 | R221 | R,CHIP THICK    | 27K-J,1/16W-1608      | 1 | C20002736M160 |
| U01 | R222 | R,CHIP THICK    | 5.6K-J,1/16W-1608     | 1 | C20005626M160 |
| U01 | R223 | R,CHIP THICK    | 5.6K-J,1/16W-1608     | 1 | C20005626M160 |
| U01 | R224 | R,CHIP THICK    | 1K-J,1/16W-1608       | 1 | C20001026M160 |
| U01 | R225 | R,CHIP THICK    | 15K-J,1/16W-1608      | 1 | C20001536M160 |
| U01 | R226 | R,CHIP THICK    | 30K-J,1/16W-1608      | 1 | C20003036M160 |
| U01 | R227 | R,CHIP THICK    | 100K-J,1/16W-1608     | 1 | C20001046M160 |
| U01 | R228 | R,CHIP THICK    | 91K-J,1/16W-1608      | 1 | C20009136M160 |
| U01 | R229 | R,CHIP THICK    | 75K-J,1/16W-1608      | 1 | C20007536M160 |
| U01 | R230 | R,CHIP THICK    | 150K-J,1/16W-1608     | 1 | C20001546M160 |
| U01 | R231 | R,CHIP THICK    | 47K-J,1/16W-1608      | 1 | C20004736M160 |
| U01 | R232 | R,CHIP THICK    | 47K-J,1/16W-1608      | 1 | C20004736M160 |
| U01 | R233 | R,CHIP THICK    | 150K-J,1/16W-1608     | 1 | C20001546M160 |
| U01 | R234 | R,CHIP THICK    | 120K-J,1/16W-1608     | 1 | C20001246M160 |
| U01 | R235 | R,CHIP THICK    | 1K-J,1/16W-1608       | 1 | C20001026M160 |
| U01 | R236 | R,CHIP THICK    | 1K-J,1/16W-1608       | 1 | C20001026M160 |
| U01 | R237 | R,CHIP THICK    | 100K-J,1/16W-1608     | 1 | C20001046M160 |
| U01 | R238 | R,CHIP THICK    | 15K-J,1/16W-1608      | 1 | C20001536M160 |
| U01 | R239 | R,CHIP THICK    | 15K-J,1/16W-1608      | 1 | C20001536M160 |
| U01 | R240 | R,CHIP THICK    | 10K-J,1/16W-1608      | 1 | C20001036M160 |
| U01 | R241 | R,CHIP THICK    | 1K-J,1/16W-1608       | 1 | C20001026M160 |
| U01 | R242 | R,CHIP THICK    | 10K-J,1/16W-1608      | 1 | C20001036M160 |
| U01 | R243 | R,CHIP THICK    | 10K-J,1/16W-1608      | 1 | C20001036M160 |
| U01 | R244 | R,CHIP THICK    | 1K-J,1/16W-1608       | 1 | C20001026M160 |
| U01 | R245 | R,CHIP THICK    | 1K-J,1/16W-1608       | 1 | C20001026M160 |
| U01 | R246 | R,CHIP THICK    | 100-J,1/16W-1608      | 1 | C20001016M160 |
| U01 | R247 | R,CHIP THICK    | 1K-J,1/16W-1608       | 1 | C20001026M160 |
| U01 | R248 | R,CHIP THICK    | 1K-J,1/16W-1608       | 1 | C20001026M160 |
| U01 | R249 | R,CHIP THICK    | 100-J,1/16W-1608      | 1 | C20001016M160 |
| U01 | R250 | R,CHIP THICK    | 100-J,1/16W-1608      | 1 | C20001016M160 |
| U01 | R251 | R,CHIP THICK    | 100-J,1/16W-1608      | 1 | C20001016M160 |
| U01 | R252 | R,CHIP THICK    | 100-J,1/16W-1608      | 1 | C20001016M160 |
| U01 | R253 | R,CHIP THICK    | 1M-J,1/16W-1608       | 1 | C20001056M160 |
| U01 | R254 | R,CHIP THICK    | 100-J,1/16W-1608      | 1 | C20001016M160 |
| U01 | R255 | R,CHIP THICK    | 100-J,1/16W-1608      | 1 | C20001016M160 |
| U01 | R256 | R,CHIP THICK    | 100-J,1/16W-1608      | 1 | C20001016M160 |
| U01 | R257 | R,CHIP THICK    | 100-J,1/16W-1608      | 1 | C20001016M160 |
| U01 | R258 | R,CHIP THICK    | 56-J,1/16W-1608       | 1 | C20005606M160 |
| U01 | R259 | R,CHIP THICK    | 100-J,1/16W-1608      | 1 | C20001016M160 |
| U01 | R261 | R,CHIP THICK    | 470K-J,1/16W-1608     | 1 | C20004746M160 |
| U01 | R262 | R,CHIP THICK    | 1M-J,1/16W-1608       | 1 | C20001056M160 |
| U01 | R263 | R,CHIP THICK    | 470K-J,1/16W-1608     | 1 | C20004746M160 |

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| U01 | R264 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R265 | R,CHIP THICK  | 1K-J,1/16W-1608    | 1 | C20001026M160 |
| U01 | R266 | R,CHIP THICK  | 3.3K-J,1/16W-1608  | 1 | C20003326M160 |
| U01 | R267 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R268 | R,CHIP THICK  | 100K-J,1/16W-1608  | 1 | C20001046M160 |
| U01 | R269 | R,CHIP THICK  | 33K-J,1/16W-1608   | 1 | C20003336M160 |
| U01 | R270 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R271 | R,CHIP THICK  | 1K-J,1/16W-1608    | 1 | C20001026M160 |
| U01 | R273 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R274 | R,CARBON FILM | 2.2-J,1/5W-52RE-AX | 1 | C0002R206P520 |
| U01 | R275 | R,CHIP THICK  | 220-J,1/16W-1608   | 1 | C20002216M160 |
| U01 | R276 | R,CHIP THICK  | 220-J,1/16W-1608   | 1 | C20002216M160 |
| U01 | R300 | R,CHIP THICK  | 100K-J,1/16W-1608  | 1 | C20001046M160 |
| U01 | R301 | R,CHIP THICK  | 1K-J,1/16W-1608    | 1 | C20001026M160 |
| U01 | R302 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R303 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R304 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R305 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R306 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R307 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R308 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R309 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R310 | R,CHIP THICK  | 1.2K-J,1/16W-1608  | 1 | C20001226M160 |
| U01 | R311 | R,CHIP THICK  | 220-J,1/16W-1608   | 1 | C20002216M160 |
| U01 | R312 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R313 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R314 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R315 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R319 | R,CHIP THICK  | 1.5K-J,1/16W-1608  | 1 | C20001526M160 |
| U01 | R320 | R,CHIP THICK  | 1.5K-J,1/16W-1608  | 1 | C20001526M160 |
| U01 | R321 | R,CHIP THICK  | 470K-J,1/16W-1608  | 1 | C20004746M160 |
| U01 | R322 | R,CHIP THICK  | 470K-J,1/16W-1608  | 1 | C20004746M160 |
| U01 | R323 | R,CHIP THICK  | 4.7K-J,1/16W-1608  | 1 | C20004726M160 |
| U01 | R324 | R,CHIP THICK  | 4.7K-J,1/16W-1608  | 1 | C20004726M160 |
| U01 | R325 | R,CHIP THICK  | 2.2K-J,1/16W-1608  | 1 | C20002226M160 |
| U01 | R326 | R,CHIP THICK  | 2.2K-J,1/16W-1608  | 1 | C20002226M160 |
| U01 | R327 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R328 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R329 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R330 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R331 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R332 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R334 | R,CHIP THICK  | 1.5K-J,1/16W-1608  | 1 | C20001526M160 |
| U01 | R335 | R,CHIP THICK  | 1.5K-J,1/16W-1608  | 1 | C20001526M160 |
| U01 | R336 | R,CHIP THICK  | 1K-J,1/16W-1608    | 1 | C20001026M160 |
| U01 | R337 | R,CHIP THICK  | 1K-J,1/16W-1608    | 1 | C20001026M160 |
| U01 | R340 | R,CHIP THICK  | 1.5K-J,1/16W-1608  | 1 | C20001526M160 |
| U01 | R341 | R,CHIP THICK  | 1.5K-J,1/16W-1608  | 1 | C20001526M160 |
| U01 | R342 | R,CHIP THICK  | 2.2K-J,1/16W-1608  | 1 | C20002226M160 |
| U01 | R343 | R,CHIP THICK  | 2.2K-J,1/16W-1608  | 1 | C20002226M160 |
| U01 | R344 | R,CHIP THICK  | 0-J,1/16W-1608     | 1 | C20000006M160 |
| U01 | R345 | R,CHIP THICK  | 0-J,1/16W-1608     | 1 | C20000006M160 |
| U01 | R346 | R,CHIP THICK  | 4.7K-J,1/16W-1608  | 1 | C20004726M160 |
| U01 | R347 | R,CHIP THICK  | 4.7K-J,1/16W-1608  | 1 | C20004726M160 |
| U01 | R349 | R,CARBON FILM | 2.2-J,1/5W-52RE-AX | 1 | C0002R206P520 |
| U01 | R350 | R,CARBON FILM | 2.2-J,1/5W-52RE-AX | 1 | C0002R206P520 |



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|-----|------|---------------|--------------------|---|---------------|
| U01 | R351 | R,CARBON FILM | 2.2-J,1/5W-52RE-AX | 1 | C0002R206P520 |
| U01 | R352 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R353 | R,CARBON FILM | 2.2-J,1/5W-52RE-AX | 1 | C0002R206P520 |
| U01 | R354 | R,CARBON FILM | 2.2-J,1/5W-52RE-AX | 1 | C0002R206P520 |
| U01 | R355 | R,CHIP THICK  | 220-J,1/16W-1608   | 1 | C20002216M160 |
| U01 | R356 | R,CHIP THICK  | 220-J,1/16W-1608   | 1 | C20002216M160 |
| U01 | R357 | R,CHIP THICK  | 220-J,1/16W-1608   | 1 | C20002216M160 |
| U01 | R358 | R,CHIP THICK  | 0-J,1/16W-1608     | 1 | C20000006M160 |
| U01 | R359 | R,CHIP THICK  | 0-J,1/16W-1608     | 1 | C20000006M160 |
| U01 | R362 | R,CHIP THICK  | 100K-J,1/16W-1608  | 1 | C20001046M160 |
| U01 | R363 | R,CHIP THICK  | 100K-J,1/16W-1608  | 1 | C20001046M160 |
| U01 | R700 | R,CHIP THICK  | 47K-J,1/16W-1608   | 1 | C20004736M160 |
| U01 | R701 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R703 | R,CARBON FILM | 2.2-J,1/5W-52RE-AX | 1 | C0002R206P520 |
| U01 | R704 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R705 | R,CHIP THICK  | 1K-J,1/16W-1608    | 1 | C20001026M160 |
| U01 | R706 | R,CHIP THICK  | 47K-J,1/16W-1608   | 1 | C20004736M160 |
| U01 | R707 | R,CHIP THICK  | 1.8K-J,1/16W-1608  | 1 | C20001826M160 |
| U01 | R708 | R,CHIP THICK  | 47K-J,1/16W-1608   | 1 | C20004736M160 |
| U01 | R709 | R,CHIP THICK  | 1K-J,1/16W-1608    | 1 | C20001026M160 |
| U01 | R710 | R,CHIP THICK  | 220K-J,1/10W-2012  | 1 | C200022460200 |
| U01 | R711 | R,CHIP THICK  | 47K-J,1/16W-1608   | 1 | C20004736M160 |
| U01 | R712 | R,CHIP THICK  | 2.2K-J,1/16W-1608  | 1 | C20002226M160 |
| U01 | R713 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R714 | R,CHIP THICK  | 47K-J,1/16W-1608   | 1 | C20004736M160 |
| U01 | R715 | R,CHIP THICK  | 47K-J,1/16W-1608   | 1 | C20004736M160 |
| U01 | R716 | R,CHIP THICK  | 1M-J,1/16W-1608    | 1 | C20001056M160 |
| U01 | R717 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R718 | R,CHIP THICK  | 56-J,1/16W-1608    | 1 | C20005606M160 |
| U01 | R719 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R720 | R,CHIP THICK  | 220-J,1/16W-1608   | 1 | C20002216M160 |
| U01 | R721 | R,CHIP THICK  | 47K-J,1/16W-1608   | 1 | C20004736M160 |
| U01 | R722 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R723 | R,CARBON FILM | 2.2-J,1/5W-52RE-AX | 1 | C0002R206P520 |
| U01 | R724 | R,CHIP THICK  | 10-J,1/16W-1608    | 1 | C20001006M160 |
| U01 | R725 | R,CHIP THICK  | 47K-J,1/16W-1608   | 1 | C20004736M160 |
| U01 | R726 | R,CHIP THICK  | 10-J,1/16W-1608    | 1 | C20001006M160 |
| U01 | R727 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R728 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R729 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R730 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R731 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R732 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R733 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R734 | R,CHIP THICK  | 100-J,1/16W-1608   | 1 | C20001016M160 |
| U01 | R735 | R,CHIP THICK  | 220-J,1/16W-1608   | 1 | C20002216M160 |
| U01 | R736 | R,CHIP THICK  | 1K-J,1/16W-1608    | 1 | C20001026M160 |
| U01 | R737 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R738 | R,CHIP THICK  | 10K-J,1/16W-1608   | 1 | C20001036M160 |
| U01 | R739 | R,CHIP THICK  | 470-J,1/16W-1608   | 1 | C20004716M160 |
| U01 | R740 | R,CHIP THICK  | 12K-J,1/16W-1608   | 1 | C20001236M160 |
| U01 | R741 | R,CHIP THICK  | 220K-J,1/10W-2012  | 1 | C200022460200 |
| U01 | R742 | R,CHIP THICK  | 39K-J,1/16W-1608   | 1 | C20003936M160 |
| U01 | R743 | R,CHIP THICK  | 1K-J,1/16W-1608    | 1 | C20001026M160 |
| U01 | R744 | R,CHIP THICK  | 220-J,1/16W-1608   | 1 | C20002216M160 |
| U01 | R745 | R,CHIP THICK  | 220-J,1/16W-1608   | 1 | C20002216M160 |

|     |        |                |                          |   |               |
|-----|--------|----------------|--------------------------|---|---------------|
| U01 | R746   | R,CHIP THICK   | 220-J,1/16W-1608         | 1 | C20002216M160 |
| U01 | R747   | R,CHIP THICK   | 10K-J,1/16W-1608         | 1 | C20001036M160 |
| U01 | R748   | R,CHIP THICK   | 220-J,1/16W-1608         | 1 | C20002216M160 |
| U01 | R749   | R,CARBON FILM  | 2.2-J,1/5W-52RE-AX       | 1 | C0002R206P520 |
| U01 | R750   | R,CARBON FILM  | 2.2-J,1/5W-52RE-AX       | 1 | C0002R206P520 |
| U01 | R751   | R,CARBON FILM  | 1-J,1/5W-52RE-AX         | 1 | C00000106P520 |
| U01 | R752   | R,CHIP THICK   | 47K-J,1/16W-1608         | 1 | C20004736M160 |
| U01 | R753   | R,CHIP THICK   | 4.7K-J,1/16W-1608        | 1 | C20004726M160 |
| U01 | R754   | R,CHIP THICK   | 4.7K-J,1/16W-1608        | 1 | C20004726M160 |
| U01 | R755   | R,CHIP THICK   | 47K-J,1/16W-1608         | 1 | C20004736M160 |
| U01 | R756   | R,CARBON FILM  | 2.2-J,1/5W-52RE-AX       | 1 | C0002R206P520 |
| U01 | R757   | R,CHIP THICK   | 1K-J,1/16W-1608          | 1 | C20001026M160 |
| U01 | R759   | R,CHIP THICK   | 2.2M-J,1/16W-1608        | 1 | C20002256M160 |
| U01 | R760   | R,CHIP THICK   | 100-J,1/16W-1608         | 1 | C20001016M160 |
| U01 | R761   | R,CHIP THICK   | 10K-J,1/16W-1608         | 1 | C20001036M160 |
| U01 | R762   | R,CHIP THICK   | 10-J,1/16W-1608          | 1 | C20001006M160 |
| U01 | R766   | R,CHIP THICK   | 100-J,1/16W-1608         | 1 | C20001016M160 |
| U01 | R768   | R,CHIP THICK   | 100-J,1/16W-1608         | 1 | C20001016M160 |
| U01 | R769   | R,CHIP THICK   | 220-J,1/16W-1608         | 1 | C20002216M160 |
| U01 | R770   | R,CHIP THICK   | 220-J,1/16W-1608         | 1 | C20002216M160 |
| U01 | R771   | R,CHIP THICK   | 220-J,1/16W-1608         | 1 | C20002216M160 |
| U01 | R772   | R,CHIP THICK   | 220-J,1/16W-1608         | 1 | C20002216M160 |
| U01 | R950   | R,CHIP THICK   | 51K-J,1/16W-1608         | 1 | C20005136M160 |
| U01 | R951   | R,CHIP THICK   | 51K-J,1/16W-1608         | 1 | C20005136M160 |
| U01 | R952   | R,CHIP THICK   | 51K-J,1/16W-1608         | 1 | C20005136M160 |
| U01 | R953   | R,CHIP THICK   | 2.2K-J,1/16W-1608        | 1 | C20002226M160 |
| U01 | R954   | R,CHIP THICK   | 51K-J,1/16W-1608         | 1 | C20005136M160 |
| U01 | SW700  | PIN JUMPER     | PIN HEDER 2.0MM          | 1 | L424000040000 |
| U01 | SW700A | PIN,TER.FEMALE | C9700-02CD-DB00 3P ANGLE | 1 | L151970002010 |
| U01 | X200   | CRYSTAL        | HC-49S 16.9344MHz        | 1 | E800169344520 |
| U01 | X700   | CRYSTAL        | 14.0000MHz               | 1 | E800140000000 |
| U01 | X701   | CRYSTAL        | 32.768KHz,CFS308-CL      | 1 | E80032R768050 |
| U01 | ZD150  | D,ZENER        | MTZJ10B-0.5W             | 1 | K06010R044520 |

## 102 FRONT PC BOARD

|     | REF. NO. | NAME               | DESCRIPTION              | Q'TY | PART NO.      |
|-----|----------|--------------------|--------------------------|------|---------------|
| U02 | BD206    | BEAD,COIL CHIP     | HB-IT2012-121JT(CERATEC) | 1    | 7611010000020 |
| U02 | BD207    | BEAD,COIL CHIP     | HB-IT2012-121JT(CERATEC) | 1    | 7611010000020 |
| U02 | C101     | C,CERAMIC CHIP HIK | X7R0.1UF-K/50V-1608      | 1    | D011104577160 |
| U02 | C102     | C,CERAMIC CHIP HIK | Y5V0.047UF-Z/50V-1608    | 1    | D011473597160 |
| U02 | C103     | C,CERAMIC CHIP HIK | Y5V0.047UF-Z/50V-1608    | 1    | D011473597160 |
| U02 | C105     | C,CERAMIC CHIP HIK | X7R0.01UF-K/50V-1608     | 1    | D011103777160 |
| U02 | C106     | C,CERAMIC CHIP T.C | COG56PF-J/50V-1608       | 1    | D010560167160 |
| U02 | C107     | C,CERAMIC CHIP T.C | COG10PF-D/50V-1608       | 1    | D010100117160 |
| U02 | C108     | C,CERAMIC CHIP T.C | COG10PF-D/50V-1608       | 1    | D010100117160 |
| U02 | C109     | C,ELECT GE 85C     | 100UF-M/16V,6.3*7-5RE SY | 1    | D040101083060 |
| U02 | C110     | C,CERAMIC CHIP HIK | X7R0.01UF-K/50V-1608     | 1    | D011103777160 |
| U02 | C111     | C,CERAMIC CHIP HIK | X7R0.1UF-K/50V-1608      | 1    | D011104577160 |
| U02 | C112     | C,CERAMIC CHIP HIK | X7R0.1UF-K/50V-1608      | 1    | D011104577160 |
| U02 | C113     | C,ELECT GE 85C     | 100UF-M/16V,6.3*7-5RE SY | 1    | D040101083060 |
| U02 | C114     | C,CERAMIC CHIP HIK | X7R0.1UF-K/50V-1608      | 1    | D011104577160 |
| U02 | C115     | C,ELECT GE 85C     | 100UF-M/16V,6.3*7-5RE SY | 1    | D040101083060 |
| U02 | C116     | C,CERAMIC CHIP HIK | X7R0.1UF-K/50V-1608      | 1    | D011104577160 |
| U02 | C117     | C,CERAMIC CHIP HIK | X7R0.01UF-K/50V-1608     | 1    | D011103777160 |
| U02 | C118     | C,CERAMIC CHIP HIK | X7R0.01UF-K/50V-1608     | 1    | D011103777160 |
| U02 | C119     | C,CERAMIC CHIP HIK | X7R820PF-K/50V-1608      | 1    | D011821777160 |

|     |         |                     |                                          |   |               |
|-----|---------|---------------------|------------------------------------------|---|---------------|
| U02 | C120    | C,CERAMIC CHIP HIK  | X7R820PF-K/50V-1608                      | 1 | D011821777160 |
| U02 | C121    | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608                      | 1 | D011104577160 |
| U02 | C122    | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608                      | 1 | D011104577160 |
| U02 | C123    | C,CERAMIC CHIP HIK  | Y5V0.047UF-Z/50V-1608                    | 1 | D011473597160 |
| U02 | C124    | C,CERAMIC CHIP HIK  | Y5V0.047UF-Z/50V-1608                    | 1 | D011473597160 |
| U02 | C125    | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608                      | 1 | D011104577160 |
| U02 | C126    | C,CERAMIC CHIP HIK  | X7R820PF-K/50V-1608                      | 1 | D011821777160 |
| U02 | C127    | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608                      | 1 | D011104577160 |
| U02 | C128    | C,CERAMIC CHIP HIK  | X7R820PF-K/50V-1608                      | 1 | D011821777160 |
| U02 | C129    | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608                     | 1 | D011103777160 |
| U02 | C130    | C,CERAMIC CHIP HIK  | X7R0.01UF-K/50V-1608                     | 1 | D011103777160 |
| U02 | C131    | C,ELECT GE 85C      | 100UF-M/16V,6.3*7-5RE SY                 | 1 | D040101083060 |
| U02 | C132    | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608                      | 1 | D011104577160 |
| U02 | C133    | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608                      | 1 | D010101167160 |
| U02 | C134    | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608                      | 1 | D010101167160 |
| U02 | C135    | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608                      | 1 | D010101167160 |
| U02 | C136    | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608                      | 1 | D010101167160 |
| U02 | C137    | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608                     | 1 | D011102777160 |
| U02 | C138    | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608                     | 1 | D011102777160 |
| U02 | C139    | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608                     | 1 | D011102777160 |
| U02 | C140    | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608                     | 1 | D011102777160 |
| U02 | C144    | C,ELECT GE 85C      | 10UF-M/16V,3.5*5                         | 1 | D040100083090 |
| U02 | C145    | C,CERAMIC T.C AXIAL | SL39PF-J/50V-52RE                        | 1 | D001390067520 |
| U02 | C521    | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608                      | 1 | D011104577160 |
| U02 | C522    | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608                      | 1 | D011104577160 |
| U02 | C524    | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608                      | 1 | D011104577160 |
| U02 | C525    | C,CERAMIC CHIP HIK  | X7R0.1UF-K/50V-1608                      | 1 | D011104577160 |
| U02 | C527    | C,CERAMIC CHIP T.C  | COG220PF-J/50V-1608                      | 1 | D010221167160 |
| U02 | C528    | C,CERAMIC CHIP T.C  | COG220PF-J/50V-1608                      | 1 | D010221167160 |
| U02 | CN411   | CN,WIRE             | 120mm/13P BK2851#28 SHLD                 | 1 | L000121130020 |
| U02 | CN413   | CN,WIRE             | 120mm/13P BK2851#28 SHLD                 | 1 | L000121130020 |
| U02 | CN504   | CN,WIRE             | 290mm/5P WH1569#26                       | 1 | L000291050010 |
| U02 | CN505   | CN,WIRE             | 290mm/5P WH1569#26                       | 1 | L000291050010 |
| U02 | CP100A  | CN.FPC 1.0MM        | 6232-19P DIP AN                          | 1 | L130623201920 |
| U02 | CP100A1 | CN.FPC 1.0MM        | 6232-19P DIP AN                          | 1 | L130623201920 |
| U02 | D102    | D, CHIP             | 1N4148W FAST SWITCHING SOD-323           | 1 | K005041480020 |
| U02 | D103    | D, CHIP             | 1N4148W FAST SWITCHING SOD-323           | 1 | K005041480020 |
| U02 | D104    | D, CHIP             | 1N4148W FAST SWITCHING SOD-323           | 1 | K005041480020 |
| U02 | D105    | D, CHIP             | 1N4148W FAST SWITCHING SOD-323           | 1 | K005041480020 |
| U02 | D106    | D, CHIP             | 1N4148W FAST SWITCHING SOD-323           | 1 | K005041480020 |
| U02 | D107    | D, CHIP             | 1N4148W FAST SWITCHING SOD-323           | 1 | K005041480020 |
| U02 | D108    | D, CHIP             | 1N4148W FAST SWITCHING SOD-323           | 1 | K005041480020 |
| U02 | D109    | D, CHIP             | 1N4148W FAST SWITCHING SOD-323           | 1 | K005041480020 |
| U02 | DZ100   | D,ZENER             | MTZJ6.8B-0.5W/5MA-52MM                   | 1 | K06006R844520 |
| U02 | DZ101   | D,ZENER             | MTZJ5.1B-0.5W/5MA-52MM                   | 1 | K06005R144520 |
| U02 | FLT100  | DISPLAY,FLT         | HNA-12SM71T 106x25 /CR505                | 1 | K530127100010 |
| U02 | FLT101  | DISPLAY,FLT         | 162-SD-10GINK 106x25x6.6(T) GREEN/CR-505 | 1 | K530162100010 |
| U02 | IC101   | IC,LINEAR-DRIVER    | PT6315 VFD DRIVER CONT QFP44P            | 1 | J127631500010 |
| U02 | J100    | R,CHIP THICK        | 0-J,1/16W-1608                           | 1 | C20000006M160 |
| U02 | J102    | R,CHIP THICK        | 0-J,1/16W-1608                           | 1 | C20000006M160 |
| U02 | J103    | R,CHIP THICK        | 0-J,1/16W-1608                           | 1 | C20000006M160 |
| U02 | J104    | R,CHIP THICK        | 0-J,1/16W-1608                           | 1 | C20000006M160 |
| U02 | J105    | R,CHIP THICK        | 0-J,1/16W-1608                           | 1 | C20000006M160 |
| U02 | J106    | R,CHIP THICK        | 0-J,1/16W-1608                           | 1 | C20000006M160 |
| U02 | J108    | R,CHIP THICK        | 0-J,1/16W-1608                           | 1 | C20000006M160 |
| U02 | J109    | R,CHIP THICK        | 0-J,1/16W-1608                           | 1 | C20000006M160 |

|     |         |                      |                          |   |               |
|-----|---------|----------------------|--------------------------|---|---------------|
| U02 | J110    | R,CHIP THICK         | 0-J,1/16W-1608           | 1 | C20000006M160 |
| U02 | J111    | R,CHIP THICK         | 0-J,1/16W-1608           | 1 | C20000006M160 |
| U02 | JACK502 | JACK,D3.5            | WTJ-035-18ABT            | 1 | G401035180030 |
| U02 | LED102  | LED,ROUND            | PI3-RD/SLR342VC3-BULK    | 1 | K500032101061 |
| U02 | LUG103  | CN,1P WIRE LUGPIN    | 100mm/1P BK1007#22       | 1 | N602121010310 |
| U02 | Q103    | SEMI,CHIP TR/NPN 2SC | KRC102S (NB) 0.2W/SOT-23 | 1 | J522010200210 |
| U02 | R101    | R,CHIP THICK         | 1K-J,1/16W-1608          | 1 | C20001026M160 |
| U02 | R102    | R,CHIP THICK         | 1K-J,1/16W-1608          | 1 | C20001026M160 |
| U02 | R103    | R,CHIP THICK         | 1K-J,1/16W-1608          | 1 | C20001026M160 |
| U02 | R105    | R,CHIP THICK         | 82K-J,1/16W-1608         | 1 | C20008236M160 |
| U02 | R106    | R,CHIP THICK         | 10K-J,1/16W-1608         | 1 | C20001036M160 |
| U02 | R107    | R,CHIP THICK         | 3.3K-J,1/16W-1608        | 1 | C20003326M160 |
| U02 | R108    | R,CHIP THICK         | 5.1K-J,1/16W-1608        | 1 | C20005126M160 |
| U02 | R109    | R,CHIP THICK         | 12K-J,1/16W-1608         | 1 | C20001236M160 |
| U02 | R110    | R,CHIP THICK         | 10K-J,1/16W-1608         | 1 | C20001036M160 |
| U02 | R111    | R,CHIP THICK         | 3.3K-J,1/16W-1608        | 1 | C20003326M160 |
| U02 | R112    | R,CHIP THICK         | 5.1K-J,1/16W-1608        | 1 | C20005126M160 |
| U02 | R113    | R,CARBON FILM        | 10-J,1/5W-52RE-AX        | 1 | C00001006P520 |
| U02 | R114    | R,CHIP THICK         | 22-J,1/16W-1608          | 1 | C20002206M160 |
| U02 | R115    | R,CHIP THICK         | 5.1K-J,1/16W-1608        | 1 | C20005126M160 |
| U02 | R116    | R,CHIP THICK         | 220-J,1/16W-1608         | 1 | C20002216M160 |
| U02 | R118    | R,CHIP THICK         | 8.2K-J,1/16W-1608        | 1 | C20008226M160 |
| U02 | R119    | R,CHIP THICK         | 100-J,1/16W-1608         | 1 | C20001016M160 |
| U02 | R120    | R,CHIP THICK         | 200-J,1/16W-1608         | 1 | C20002016M160 |
| U02 | R121    | R,CHIP THICK         | 12K-J,1/16W-1608         | 1 | C20001236M160 |
| U02 | R122    | R,CHIP THICK         | 12K-J,1/16W-1608         | 1 | C20001236M160 |
| U02 | R123    | R,CHIP THICK         | 3.3K-J,1/16W-1608        | 1 | C20003326M160 |
| U02 | R124    | R,CHIP THICK         | 22-J,1/16W-1608          | 1 | C20002206M160 |
| U02 | R125    | R,CHIP THICK         | 3.3K-J,1/16W-1608        | 1 | C20003326M160 |
| U02 | R126    | R,CHIP THICK         | 10K-J,1/16W-1608         | 1 | C20001036M160 |
| U02 | R127    | R,CHIP THICK         | 10K-J,1/16W-1608         | 1 | C20001036M160 |
| U02 | R128    | R,CHIP THICK         | 10K-J,1/16W-1608         | 1 | C20001036M160 |
| U02 | R129    | R,CHIP THICK         | 10K-J,1/16W-1608         | 1 | C20001036M160 |
| U02 | R130    | R,CHIP THICK         | 10K-J,1/16W-1608         | 1 | C20001036M160 |
| U02 | R131    | R,CHIP THICK         | 220-J,1/16W-1608         | 1 | C20002216M160 |
| U02 | R132    | R,CHIP THICK         | 100-J,1/16W-1608         | 1 | C20001016M160 |
| U02 | R133    | R,CHIP THICK         | 100-J,1/16W-1608         | 1 | C20001016M160 |
| U02 | R134    | R,CHIP THICK         | 100-J,1/16W-1608         | 1 | C20001016M160 |
| U02 | R135    | R,CHIP THICK         | 100-J,1/16W-1608         | 1 | C20001016M160 |
| U02 | R136    | R,CHIP THICK         | 12K-J,1/16W-1608         | 1 | C20001236M160 |
| U02 | R137    | R,CHIP THICK         | 5.1K-J,1/16W-1608        | 1 | C20005126M160 |
| U02 | R138    | R,CHIP THICK         | 10K-J,1/16W-1608         | 1 | C20001036M160 |
| U02 | R139    | R,CARBON FILM        | 10-J,1/5W-52RE-AX        | 1 | C00001006P520 |
| U02 | R140    | R,CHIP THICK         | 220-J,1/16W-1608         | 1 | C20002216M160 |
| U02 | R141    | R,CHIP THICK         | 220-J,1/16W-1608         | 1 | C20002216M160 |
| U02 | R142    | R,CHIP THICK         | 220-J,1/16W-1608         | 1 | C20002216M160 |
| U02 | R143    | R,CHIP THICK         | 100-J,1/16W-1608         | 1 | C20001016M160 |
| U02 | R145    | R,CHIP THICK         | 0-J,1/16W-1608           | 1 | C20000006M160 |
| U02 | R146    | R,CHIP THICK         | 0-J,1/16W-1608           | 1 | C20000006M160 |
| U02 | R175    | R,CHIP THICK         | 200-J,1/16W-1608         | 1 | C20002016M160 |
| U02 | R176    | R,CHIP THICK         | 200-J,1/16W-1608         | 1 | C20002016M160 |
| U02 | R177    | R,CHIP THICK         | 0-J,1/16W-1608           | 1 | C20000006M160 |
| U02 | R178    | R,CHIP THICK         | 0-J,1/16W-1608           | 1 | C20000006M160 |
| U02 | R179    | R,CHIP THICK         | 4.7-J,1/16W-1608         | 1 | C2004R706M160 |
| U02 | R180    | R,CHIP THICK         | 100-J,1/16W-1608         | 1 | C20001016M160 |
| U02 | R181    | R,CHIP THICK         | 4.7-J,1/16W-1608         | 1 | C2004R706M160 |

|     |        |                |                         |   |               |
|-----|--------|----------------|-------------------------|---|---------------|
| U02 | R182   | R,CHIP THICK   | 4.7-J,1/16W-1608        | 1 | C2004R706M160 |
| U02 | R183   | R,CHIP THICK   | 4.7-J,1/16W-1608        | 1 | C2004R706M160 |
| U02 | R559   | R,METAL FILM   | 390-J,1W-R 100ppm       | 1 | C060039165050 |
| U02 | R560   | R,METAL FILM   | 390-J,1W-R 100ppm       | 1 | C060039165050 |
| U02 | R561   | R,METAL FILM   | 390-J,1W-R 100ppm       | 1 | C060039165050 |
| U02 | R562   | R,METAL FILM   | 390-J,1W-R 100ppm       | 1 | C060039165050 |
| U02 | RMC101 | MODULE,REMOCON | NJL23H380A 38KHZ 11x8x7 | 1 | E940233800010 |
| U02 | S101   | SW,TACT        | SKHV10920A,5MM/260G     | 1 | G180000270010 |
| U02 | S102   | SW,TACT        | SKHV10920A,5MM/260G     | 1 | G180000270010 |
| U02 | S103   | SW,TACT        | SKHV10920A,5MM/260G     | 1 | G180000270010 |
| U02 | S104   | SW,TACT        | SKHV10920A,5MM/260G     | 1 | G180000270010 |
| U02 | S105   | SW,TACT        | SKHV10920A,5MM/260G     | 1 | G180000270010 |
| U02 | S106   | SW,TACT        | SKHV10920A,5MM/260G     | 1 | G180000270010 |
| U02 | S107   | SW,TACT        | SKHV10920A,5MM/260G     | 1 | G180000270010 |
| U02 | S108   | SW,TACT        | SKHV10920A,5MM/260G     | 1 | G180000270010 |
| U02 | S109   | SW,TACT        | SKHV10920A,5MM/260G     | 1 | G180000270010 |
| U02 | S110   | SW,TACT        | SKHV10920A,5MM/260G     | 1 | G180000270010 |
| U02 | S111   | SW,TACT        | SKHV10920A,5MM/260G     | 1 | G180000270010 |
| U02 | S112   | SW,TACT        | SKHV10920A,5MM/260G     | 1 | G180000270010 |
| U02 | S113   | SW,TACT        | SKHV10920A,5MM/260G     | 1 | G180000270010 |
| U02 | S114   | SW,TACT        | SKHV10920A,5MM/260G     | 1 | G180000270010 |
| U02 | VR101  | SW,ENCODER     | EC12B24S2034ZZZ         | 1 | G121122420370 |
| U02 | VR102  | SW,ENCODER     | EC12B24S2034ZZZ         | 1 | G121122420370 |
| U02 | VR400  | VR,ROTARY 14MM | RK14K127030114C 100KCX2 | 1 | C454121402910 |
| U02 | VR401  | VR,ROTARY 14MM | RK14K127030114C 100KCX2 | 1 | C454121402910 |
| U02 | VR402  | VR,ROTARY 14MM | RK14K127030114C 100KCX2 | 1 | C454121402910 |
| U02 | VR403  | VR,ROTARY 14MM | RK14K127030114C 100KCX2 | 1 | C454121402910 |

### AUDIO PC BOARD

|     | REF. NO. | NAME               | DESCRIPTION              | Q'TY | PART NO.      |
|-----|----------|--------------------|--------------------------|------|---------------|
| U03 | C401     | C,CERAMIC CHIP T.C | COG220PF-J/50V-1608      | 1    | D010221167160 |
| U03 | C402     | C,CERAMIC CHIP T.C | COG220PF-J/50V-1608      | 1    | D010221167160 |
| U03 | C403     | C,CERAMIC CHIP T.C | COG220PF-J/50V-1608      | 1    | D010221167160 |
| U03 | C404     | C,CERAMIC CHIP T.C | COG220PF-J/50V-1608      | 1    | D010221167160 |
| U03 | C405     | C,CERAMIC CHIP T.C | COG220PF-J/50V-1608      | 1    | D010221167160 |
| U03 | C406     | C,CERAMIC CHIP T.C | COG220PF-J/50V-1608      | 1    | D010221167160 |
| U03 | C407     | C,CERAMIC CHIP T.C | COG100PF-J/50V-1608      | 1    | D010101167160 |
| U03 | C408     | C,CERAMIC CHIP T.C | COG100PF-J/50V-1608      | 1    | D010101167160 |
| U03 | C409     | C,CERAMIC CHIP T.C | COG100PF-J/50V-1608      | 1    | D010101167160 |
| U03 | C410     | C,CERAMIC CHIP T.C | COG100PF-J/50V-1608      | 1    | D010101167160 |
| U03 | C411     | C,ELECT GE 85C     | 100UF-M/16V,6.3*7-5RE SY | 1    | D040101083060 |
| U03 | C412     | C,ELECT GE 85C     | 100UF-M/16V,6.3*7-5RE SY | 1    | D040101083060 |
| U03 | C415     | C,ELECT GE 85C     | 22UF-M/16V,5*5-5RE SY    | 1    | D040220083060 |
| U03 | C416     | C,ELECT GE 85C     | 22UF-M/16V,5*5-5RE SY    | 1    | D040220083060 |
| U03 | C417     | C,CERAMIC CHIP T.C | COG33PF-J/50V-1608       | 1    | D010330167160 |
| U03 | C418     | C,CERAMIC CHIP T.C | COG33PF-J/50V-1608       | 1    | D010330167160 |
| U03 | C419     | C,CERAMIC CHIP T.C | COG10PF-D/50V-1608       | 1    | D010100117160 |
| U03 | C420     | C,CERAMIC CHIP T.C | COG10PF-D/50V-1608       | 1    | D010100117160 |
| U03 | C421     | C,ELECT GE 85C     | 100UF-M/16V,6.3*7-5RE SY | 1    | D040101083060 |
| U03 | C422     | C,ELECT GE 85C     | 100UF-M/16V,6.3*7-5RE SY | 1    | D040101083060 |
| U03 | C423     | C,ELECT GE 85C     | 22UF-M/16V,5*5-5RE SY    | 1    | D040220083060 |
| U03 | C424     | C,ELECT GE 85C     | 22UF-M/16V,5*5-5RE SY    | 1    | D040220083060 |
| U03 | C425     | C,ELECT GE 85C     | 100UF-M/16V,6.3*7-5RE SY | 1    | D040101083060 |
| U03 | C426     | C,CERAMIC CHIP T.C | COG470PF-J/50V-1608      | 1    | D010471167160 |
| U03 | C427     | C,ELECT GE 85C     | 100UF-M/16V,6.3*7-5RE SY | 1    | D040101083060 |
| U03 | C428     | C,ELECT GE 85C     | 22UF-M/16V,5*5-5RE SY    | 1    | D040220083060 |



|     |      |                     |                          |   |               |
|-----|------|---------------------|--------------------------|---|---------------|
| U03 | C429 | C,ELECT GE 85C      | 22UF-M/16V,5*5-5RE SY    | 1 | D040220083060 |
| U03 | C430 | C,ELECT GE 85C      | 22UF-M/16V,5*5-5RE SY    | 1 | D040220083060 |
| U03 | C431 | C,ELECT GE 85C      | 22UF-M/16V,5*5-5RE SY    | 1 | D040220083060 |
| U03 | C432 | C,CERAMIC CHIP HIK  | Y5V0.01UF-Z/50V-1608     | 1 | D011103597160 |
| U03 | C433 | C,CERAMIC CHIP HIK  | Y5V0.01UF-Z/50V-1608     | 1 | D011103597160 |
| U03 | C434 | C,CERAMIC CHIP HIK  | Y5V0.01UF-Z/50V-1608     | 1 | D011103597160 |
| U03 | C435 | C,CERAMIC CHIP HIK  | Y5V0.01UF-Z/50V-1608     | 1 | D011103597160 |
| U03 | C436 | C,CERAMIC CHIP HIK  | Y5V0.01UF-Z/50V-1608     | 1 | D011103597160 |
| U03 | C437 | C,CERAMIC CHIP HIK  | Y5V0.01UF-Z/50V-1608     | 1 | D011103597160 |
| U03 | C438 | C,CERAMIC CHIP T.C  | COG560pF-J/50V-1608      | 1 | D010561167160 |
| U03 | C439 | C,ELECT GE 85C      | 0.1UF-M/50V,3*5-5RE SY   | 1 | D040R10087060 |
| U03 | C440 | C,ELECT GE 85C      | 0.1UF-M/50V,3*5-5RE SY   | 1 | D040R10087060 |
| U03 | C441 | C,ELECT GE 85C      | 100UF-M/16V,6.3*7-5RE SY | 1 | D040101083060 |
| U03 | C442 | C,ELECT GE 85C      | 100UF-M/16V,6.3*7-5RE SY | 1 | D040101083060 |
| U03 | C443 | C,CERAMIC CHIP T.C  | COG10PF-D/50V-1608       | 1 | D010100117160 |
| U03 | C444 | C,CERAMIC CHIP T.C  | COG10PF-D/50V-1608       | 1 | D010100117160 |
| U03 | C445 | C,ELECT GE 85C      | 47UF-M/16V,5*7-5RE SY    | 1 | D040470083060 |
| U03 | C446 | C,ELECT GE 85C      | 47UF-M/16V,5*7-5RE SY    | 1 | D040470083060 |
| U03 | C447 | C,CERAMIC CHIP T.C  | COG47PF-J/50V-1608       | 1 | D010470167160 |
| U03 | C448 | C,CERAMIC CHIP T.C  | COG47PF-J/50V-1608       | 1 | D010470167160 |
| U03 | C449 | C,ELECT GE 85C      | 22UF-M/16V,5x5-5RE SY    | 1 | D040220083060 |
| U03 | C450 | C,ELECT GE 85C      | 22UF-M/16V,5x5-5RE SY    | 1 | D040220083060 |
| U03 | C451 | C,CERAMIC CHIP HIK  | Y5V0.022UF-Z/50V-1608    | 1 | D011223597160 |
| U03 | C452 | C,CERAMIC CHIP HIK  | Y5V0.022UF-Z/50V-1608    | 1 | D011223597160 |
| U03 | C453 | C,CERAMIC CHIP HIK  | X7R0.047UF-K/16V-1608    | 1 | D011473773160 |
| U03 | C454 | C,CERAMIC CHIP HIK  | X7R0.047UF-K/16V-1608    | 1 | D011473773160 |
| U03 | C455 | C,CERAMIC CHIP HIK  | X7R3300PF-K/50V-1608     | 1 | D011332777160 |
| U03 | C456 | C,CERAMIC CHIP HIK  | X7R3300PF-K/50V-1608     | 1 | D011332777160 |
| U03 | C457 | C,CERAMIC CHIP HIK  | X7R0.018UF-K/16V-1608    | 1 | D011183777160 |
| U03 | C458 | C,CERAMIC CHIP HIK  | X7R0.018UF-K/16V-1608    | 1 | D011183777160 |
| U03 | C461 | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608      | 1 | D010101167160 |
| U03 | C462 | C,CERAMIC CHIP HIK  | Y5V0.01UF-Z/50V-1608     | 1 | D011103597160 |
| U03 | C463 | C,CERAMIC CHIP HIK  | Y5V0.01UF-Z/50V-1608     | 1 | D011103597160 |
| U03 | C464 | C,CERAMIC CHIP T.C  | COG560pF-J/50V-1608      | 1 | D010561167160 |
| U03 | C465 | C,CERAMIC CHIP HIK  | X7R1000PF-K/50V-1608     | 1 | D011102777160 |
| U03 | C466 | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608      | 1 | D010101167160 |
| U03 | C467 | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608      | 1 | D010101167160 |
| U03 | C470 | C,CERAMIC CHIP T.C  | COG470PF-J/50V-1608      | 1 | D010471167160 |
| U03 | C501 | C,ELECT GE 85C      | 10UF-M/16V,3.5x5         | 1 | D040100083090 |
| U03 | C502 | C,ELECT GE 85C      | 10UF-M/16V,3.5x5         | 1 | D040100083090 |
| U03 | C503 | C,ELECT GE 85C      | 47UF-M/16V,5x7-5RE SY    | 1 | D040470083060 |
| U03 | C504 | C,ELECT GE 85C      | 47UF-M/16V,5x7-5RE SY    | 1 | D040470083060 |
| U03 | C507 | C,CERAMIC CHIP T.C  | COG2PF-C/50V-1608        | 1 | D010020107160 |
| U03 | C508 | C,CERAMIC CHIP T.C  | COG2PF-C/50V-1608        | 1 | D010020107160 |
| U03 | C509 | C,ELECT GE 85C      | 10UF-M/16V,3.5x5         | 1 | D040100083090 |
| U03 | C510 | C,ELECT GE 85C      | 10UF-M/16V,3.5x5         | 1 | D040100083090 |
| U03 | C511 | C,CERAMIC CHIP T.C  | COG220PF-J/50V-1608      | 1 | D010221167160 |
| U03 | C512 | C,CERAMIC CHIP T.C  | COG220PF-J/50V-1608      | 1 | D010221167160 |
| U03 | C523 | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608      | 1 | D010101167160 |
| U03 | C524 | C,CERAMIC CHIP T.C  | COG100PF-J/50V-1608      | 1 | D010101167160 |
| U03 | C525 | C,CERAMIC T.C DISC  | SL22PF-J/50V-5RE         | 1 | D000220067050 |
| U03 | C526 | C,CERAMIC T.C DISC  | SL22PF-J/50V-5RE         | 1 | D000220067050 |
| U03 | C550 | C,CERAMIC HIK AXIAL | F0.1UF-Z/50V-52RE        | 1 | D005104597530 |
| U03 | C850 | C,ELECT GE 85C      | 47UF-M/16V,5*7-5RE SY    | 1 | D040470083060 |
| U03 | C851 | C,ELECT GE 85C      | 4.7UF-M/16V,3*5-5RE      | 1 | D0404R7083050 |
| U03 | C852 | C,ELECT GE 85C      | 10UF-M/16V,3.5*5         | 1 | D040100083090 |

|     |         |                      |                                       |   |                |
|-----|---------|----------------------|---------------------------------------|---|----------------|
| U03 | C853    | C,ELECT GE 85C       | 100UF-M/16V,6.3*7-5RE SY              | 1 | D040101083060  |
| U03 | C854    | C,CERAMIC CHIP HIK   | X7R0.1UF-K/50V-1608                   | 1 | D011104577160  |
| U03 | C855    | C,ELECT GE 85C       | 100UF-M/16V,6.3*7-5RE SY              | 1 | D040101083060  |
| U03 | C904    | C,ELECT GE 85C       | 100UF-M/16V,6.3*7-5RE SY              | 1 | D040101083060  |
| U03 | C933    | C,ELECT GE 85C       | 100UF-M/16V,6.3*7-5RE SY              | 1 | D040101083060  |
| U03 | C934    | C,ELECT GE 85C       | 330UF-M/6.3V,8*5-5RE SRE SY           | 1 | D040331081060  |
| U03 | C935    | C,ELECT GE 85C       | 330UF-M/6.3V,8*5-5RE SRE SY           | 1 | D040331081060  |
| U03 | C950    | C,CERAMIC CHIP HIK   | X7R0.1UF-K/50V-1608                   | 1 | D011104577160  |
| U03 | CP405A  | CN.WAFER 2.0MM       | TUC-P11X-B1 11P HOUSING ST (35237-11) | 1 | L101100031110  |
| U03 | CP406A  | CN.WAFER 2.0MM       | TUC-P04X-B1 4P HOUSING ST (35237-04)  | 1 | L101100030410  |
| U03 | CP407A  | CN.WAFER 2.0MM       | TUC-P07X-B1 7P HOUSING ST (35237-07)  | 1 | L101100030710  |
| U03 | CP409   | CN.WAFER 2.0MM       | TUC-P04X-B1 4P HOUSING ST (35237-04)  | 1 | L101100030410  |
| U03 | CP410A  | CN.WAFER 2.0MM       | TUC-P06X-B1 6P HOUSING ST (35237-06)  | 1 | L101100030610  |
| U03 | CP411   | CN.WAFER 2.0MM       | GIL-S-13P-S2T2-EF                     | 1 | L101220130000  |
| U03 | CP413   | CN.WAFER 2.0MM       | TUC-P04X-B1 4P HOUSING ST (35237-04)  | 1 | L101100030410  |
| U03 | CP500   | CN.WAFER 2.0MM       | GIL-S-10P-S2T2-EF                     | 1 | L101220100000  |
| U03 | CP901A  | CN.WAFER 2.0MM       | TUC-P07X-B1 7P HOUSING ST (35237-07)  | 1 | L101100030710  |
| U03 | CP903A  | CN.WAFER 2.0MM       | TUC-P07X-B1 7P HOUSING ST (35237-07)  | 1 | L101100030710  |
| U03 | D501    | D,SWITCHING CHIP     | 1N4148W FAST SWITCHING SOD-323        | 1 | K005041480020  |
| U03 | D502    | D,SWITCHING CHIP     | 1N4148W FAST SWITCHING SOD-323        | 1 | K005041480020  |
| U03 | D503    | D,SWITCHING CHIP     | 1N4148W FAST SWITCHING SOD-323        | 1 | K005041480020  |
| U03 | D504    | D,SWITCHING CHIP     | 1N4148W FAST SWITCHING SOD-323        | 1 | K005041480020  |
| U03 | D850    | D,SWITCHING          | 1SS133T-72-52MM                       | 1 | K000013300520  |
| U03 | D851    | D,SWITCHING CHIP     | 1N4148W FAST SWITCHING SOD-323        | 1 | K005041480020  |
| U03 | D852    | D,SWITCHING          | 1SS133T-72-52MM                       | 1 | K000013300520  |
| U03 | IC311   | IC,LINEAR-REGULATOR  | RC1117-3.3 SOT223 3.3V 1AMP(LOW DROP) | 1 | J126111733020  |
| U03 | IC401   | IC,LOGIC             | BU4053BCF/SOP16P                      | 1 | J040405300110  |
| U03 | IC403   | IC,LINEAR OP         | BA4558F-E2/SOP8P                      | 1 | J121455800140  |
| U03 | IC405   | IC,LINEAR OP         | BA4558F-E2/SOP8P                      | 1 | J121455800140  |
| U03 | IC400   | IC,LOGIC             | NJU7313AL-SDIP28P                     | 1 | J040731300010  |
| U03 | J428    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J429    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J430    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J444    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J446    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J447    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J448    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J449    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J451    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J452    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J453    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J454    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J458    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J459    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J463    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | J464    | R,CHIP THICK         | 0-J,1/16W-1608                        | 1 | C20000006M160  |
| U03 | JACK401 | TER,RCA 6PIN         | RCA-610D-00-02                        | 1 | G603060056000  |
| U03 | JACK402 | TER,RCA              | RCA JACK 4PIN RCA-405B-03             | 1 | G608040450000  |
| U03 | JACK403 | JACK,D3.5            | HSJ1501-011010                        | 1 | G4011501000010 |
| U03 | Q501    | SEMI,CHIP TR/NPN 2SC | KTC3911S(BL)SOT23 RTK                 | 1 | J522391100010  |
| U03 | Q502    | SEMI,CHIP TR/NPN 2SC | KTC3911S(BL)SOT23 RTK                 | 1 | J522391100010  |
| U03 | Q503    | SEMI,CHIP TR/NPN 2SC | KTC3911S(BL)SOT23 RTK                 | 1 | J522391100010  |
| U03 | Q504    | SEMI,CHIP TR/NPN 2SC | KTC3911S(BL)SOT23 RTK                 | 1 | J522391100010  |
| U03 | Q505    | SEMI,CHIP TR/NPN 2SC | KTC3911S(BL)SOT23 RTK                 | 1 | J522391100010  |
| U03 | Q506    | SEMI,CHIP TR/NPN 2SC | KTC3911S(BL)SOT23 RTK                 | 1 | J522391100010  |
| U03 | Q507    | SEMI,CHIP TR/NPN 2SC | KTC3911S(BL)SOT23 RTK                 | 1 | J522391100010  |

|     |      |                      |                         |   |               |
|-----|------|----------------------|-------------------------|---|---------------|
| U03 | Q508 | SEMI,CHIP TR/NPN 2SC | KTC3911S(BL)SOT23 RTK   | 1 | J522391100010 |
| U03 | Q509 | SEMI,TR/GE PNP 2SA   | KSA992F,0.5W/TO92-      | 1 | J5000992F0050 |
| U03 | Q510 | SEMI,TR/GE PNP 2SA   | KSA992F,0.5W/TO92-      | 1 | J5000992F0050 |
| U03 | Q511 | SEMI,TR/GE PNP 2SA   | KSA992F,0.5W/TO92-      | 1 | J5000992F0050 |
| U03 | Q512 | SEMI,TR/GE PNP 2SA   | KSA992F,0.5W/TO92-      | 1 | J5000992F0050 |
| U03 | Q513 | SEMI,TR/GE PNP 2SA   | KSA992F,0.5W/TO92-      | 1 | J5000992F0050 |
| U03 | Q514 | SEMI,TR/GE PNP 2SA   | KSA992F,0.5W/TO92-      | 1 | J5000992F0050 |
| U03 | Q515 | SEMI,TR/GE NPN 2SC   | KTC1027Y,1W/TO92L-      | 1 | J5021027Y0020 |
| U03 | Q516 | SEMI,TR/GE NPN 2SC   | KTC1027Y,1W/TO92L-      | 1 | J5021027Y0020 |
| U03 | Q851 | SEMI,TR/GE NPN 2SD   | TR CHIP KTD1304 SOT23   | 1 | J5031304Y0050 |
| U03 | Q852 | SEMI,TR/GE NPN 2SD   | TR CHIP KTD1304 SOT23   | 1 | J5031304Y0050 |
| U03 | Q854 | SEMI,CHIP TR/NPN 2SC | KTC3875Y(ALY) 0.15W/SMT | 1 | J5223875Y0210 |
| U03 | Q855 | SEMI,CHIP TR/PNP 2SA | KTA1504Y(ASY) 0.15W/SMT | 1 | J5201504Y0210 |
| U03 | Q856 | SEMI,CHIP TR/PNP 2SA | KTA1504Y(ASY) 0.15W/SMT | 1 | J5201504Y0210 |
| U03 | Q857 | SEMI,CHIP TR/NPN 2SC | KTC3875Y(ALY) 0.15W/SMT | 1 | J5223875Y0210 |
| U03 | Q858 | SEMI,CHIP TR/NPN 2SC | KTC3875Y(ALY) 0.15W/SMT | 1 | J5223875Y0210 |
| U03 | Q859 | SEMI,CHIP TR/NPN 2SC | KTC3875Y(ALY) 0.15W/SMT | 1 | J5223875Y0210 |
| U03 | Q860 | SEMI,CHIP TR/PNP 2SA | KTA1504Y(ASY) 0.15W/SMT | 1 | J5201504Y0210 |
| U03 | R401 | R,CHIP THICK         | 470-J,1/16W-1608        | 1 | C20004716M160 |
| U03 | R402 | R,CHIP THICK         | 470-J,1/16W-1608        | 1 | C20004716M160 |
| U03 | R403 | R,CHIP THICK         | 220K-J,1/16W-1608       | 1 | C20002246M160 |
| U03 | R404 | R,CHIP THICK         | 220K-J,1/16W-1608       | 1 | C20002246M160 |
| U03 | R405 | R,CHIP THICK         | 470-J,1/16W-1608        | 1 | C20004716M160 |
| U03 | R406 | R,CHIP THICK         | 470-J,1/16W-1608        | 1 | C20004716M160 |
| U03 | R407 | R,CHIP THICK         | 220K-J,1/16W-1608       | 1 | C20002246M160 |
| U03 | R408 | R,CHIP THICK         | 220K-J,1/16W-1608       | 1 | C20002246M160 |
| U03 | R409 | R,CHIP THICK         | 470-J,1/16W-1608        | 1 | C20004716M160 |
| U03 | R410 | R,CHIP THICK         | 470-J,1/16W-1608        | 1 | C20004716M160 |
| U03 | R411 | R,CHIP THICK         | 220K-J,1/16W-1608       | 1 | C20002246M160 |
| U03 | R412 | R,CHIP THICK         | 220K-J,1/16W-1608       | 1 | C20002246M160 |
| U03 | R413 | R,CHIP THICK         | 470-J,1/16W-1608        | 1 | C20004716M160 |
| U03 | R414 | R,CHIP THICK         | 470-J,1/16W-1608        | 1 | C20004716M160 |
| U03 | R415 | R,CHIP THICK         | 220K-J,1/16W-1608       | 1 | C20002246M160 |
| U03 | R416 | R,CHIP THICK         | 220K-J,1/16W-1608       | 1 | C20002246M160 |
| U03 | R417 | R,CHIP THICK         | 470-J,1/16W-1608        | 1 | C20004716M160 |
| U03 | R418 | R,CHIP THICK         | 470-J,1/16W-1608        | 1 | C20004716M160 |
| U03 | R419 | R,CHIP THICK         | 220K-J,1/16W-1608       | 1 | C20002246M160 |
| U03 | R420 | R,CHIP THICK         | 220K-J,1/16W-1608       | 1 | C20002246M160 |
| U03 | R421 | R,CARBON FILM        | 22-J,1/5W-52RE-AX       | 1 | C00002206P520 |
| U03 | R423 | R,CARBON FILM        | 22-J,1/5W-52RE-AX       | 1 | C00002206P520 |
| U03 | R425 | R,CHIP THICK         | 27K-J,1/16W-1608        | 1 | C20002736M160 |
| U03 | R426 | R,CHIP THICK         | 27K-J,1/16W-1608        | 1 | C20002736M160 |
| U03 | R427 | R,CHIP THICK         | 51K-J,1/16W-1608        | 1 | C20005136M160 |
| U03 | R428 | R,CHIP THICK         | 51K-J,1/16W-1608        | 1 | C20005136M160 |
| U03 | R431 | R,CHIP THICK         | 1K-J,1/16W-1608         | 1 | C20001026M160 |
| U03 | R432 | R,CHIP THICK         | 1K-J,1/16W-1608         | 1 | C20001026M160 |
| U03 | R433 | R,CHIP THICK         | 100K-J,1/16W-1608       | 1 | C20001046M160 |
| U03 | R434 | R,CHIP THICK         | 100K-J,1/16W-1608       | 1 | C20001046M160 |
| U03 | R435 | R,CHIP THICK         | 100K-J,1/16W-1608       | 1 | C20001046M160 |
| U03 | R436 | R,CHIP THICK         | 100K-J,1/16W-1608       | 1 | C20001046M160 |
| U03 | R437 | R,CHIP THICK         | 100K-J,1/16W-1608       | 1 | C20001046M160 |
| U03 | R438 | R,CHIP THICK         | 100K-J,1/16W-1608       | 1 | C20001046M160 |
| U03 | R439 | R,CHIP THICK         | 100K-J,1/16W-1608       | 1 | C20001046M160 |
| U03 | R440 | R,CHIP THICK         | 100K-J,1/16W-1608       | 1 | C20001046M160 |
| U03 | R453 | R,CARBON FILM        | 1K-J,1/5W-52RE-AX       | 1 | C00001026P520 |
| U03 | R454 | R,CARBON FILM        | 1K-J,1/5W-52RE-AX       | 1 | C00001026P520 |



|     |      |               |                     |   |               |
|-----|------|---------------|---------------------|---|---------------|
| U03 | R455 | R,CARBON FILM | 1K-J,1/5W-52RE-AX   | 1 | C00001026P520 |
| U03 | R459 | R,CARBON FILM | 5.6K-J,1/5W-52RE-AX | 1 | C00005626P520 |
| U03 | R460 | R,CARBON FILM | 5.6K-J,1/5W-52RE-AX | 1 | C00005626P520 |
| U03 | R461 | R,CHIP THICK  | 30K-J,1/16W-1608    | 1 | C20003036M160 |
| U03 | R462 | R,CHIP THICK  | 30K-J,1/16W-1608    | 1 | C20003036M160 |
| U03 | R463 | R,CARBON FILM | 22-J,1/5W-52RE-AX   | 1 | C00002206P520 |
| U03 | R464 | R,CARBON FILM | 22-J,1/5W-52RE-AX   | 1 | C00002206P520 |
| U03 | R465 | R,CHIP THICK  | 100K-J,1/16W-1608   | 1 | C20001046M160 |
| U03 | R466 | R,CHIP THICK  | 100K-J,1/16W-1608   | 1 | C20001046M160 |
| U03 | R467 | R,CHIP THICK  | 47K-J,1/16W-1608    | 1 | C20004736M160 |
| U03 | R468 | R,CHIP THICK  | 47K-J,1/16W-1608    | 1 | C20004736M160 |
| U03 | R469 | R,CHIP THICK  | 100K-J,1/16W-1608   | 1 | C20001046M160 |
| U03 | R470 | R,CHIP THICK  | 100K-J,1/16W-1608   | 1 | C20001046M160 |
| U03 | R471 | R,CHIP THICK  | 2.2K-J,1/16W-1608   | 1 | C20002226M160 |
| U03 | R472 | R,CHIP THICK  | 2.2K-J,1/16W-1608   | 1 | C20002226M160 |
| U03 | R473 | R,CHIP THICK  | 22K-J,1/16W-1608    | 1 | C20002236M160 |
| U03 | R474 | R,CHIP THICK  | 22K-J,1/16W-1608    | 1 | C20002236M160 |
| U03 | R475 | R,CHIP THICK  | 2.2K-J,1/16W-1608   | 1 | C20002226M160 |
| U03 | R476 | R,CHIP THICK  | 2.2K-J,1/16W-1608   | 1 | C20002226M160 |
| U03 | R477 | R,CHIP THICK  | 4.7K-J,1/16W-1608   | 1 | C20004726M160 |
| U03 | R478 | R,CHIP THICK  | 4.7K-J,1/16W-1608   | 1 | C20004726M160 |
| U03 | R479 | R,CHIP THICK  | 560-J,1/16W-1608    | 1 | C20005616M160 |
| U03 | R480 | R,CHIP THICK  | 560-J,1/16W-1608    | 1 | C20005616M160 |
| U03 | R486 | R,CHIP THICK  | 3.9K-J,1/16W-1608   | 1 | C20003926M160 |
| U03 | R487 | R,CHIP THICK  | 3.9K-J,1/16W-1608   | 1 | C20003926M160 |
| U03 | R488 | R,CARBON FILM | 100-J,1/5W-52RE     | 1 | C00001016P520 |
| U03 | R489 | R,CARBON FILM | 100-J,1/5W-52RE     | 1 | C00001016P520 |
| U03 | R490 | R,CHIP THICK  | 220-J,1/16W-1608    | 1 | C20002216M160 |
| U03 | R491 | R,CARBON FILM | 22-J,1/5W-52RE-AX   | 1 | C00002206P520 |
| U03 | R492 | R,CARBON FILM | 22-J,1/5W-52RE-AX   | 1 | C00002206P520 |
| U03 | R501 | R,CHIP THICK  | 56K-J,1/16W-1608    | 1 | C20005636M160 |
| U03 | R502 | R,CHIP THICK  | 56K-J,1/16W-1608    | 1 | C20005636M160 |
| U03 | R503 | R,CHIP THICK  | 2.2K-J,1/16W-1608   | 1 | C20002226M160 |
| U03 | R504 | R,CHIP THICK  | 2.2K-J,1/16W-1608   | 1 | C20002226M160 |
| U03 | R505 | R,CHIP THICK  | 22K-J,1/16W-1608    | 1 | C20002236M160 |
| U03 | R506 | R,CHIP THICK  | 22K-J,1/16W-1608    | 1 | C20002236M160 |
| U03 | R507 | R,CHIP THICK  | 1K-J,1/16W-1608     | 1 | C20001026M160 |
| U03 | R508 | R,CHIP THICK  | 1K-J,1/16W-1608     | 1 | C20001026M160 |
| U03 | R509 | R,CHIP THICK  | 1.8K-J,1/16W-1608   | 1 | C20001826M160 |
| U03 | R510 | R,CHIP THICK  | 1.8K-J,1/16W-1608   | 1 | C20001826M160 |
| U03 | R511 | R,CHIP THICK  | 270-J,1/16W-1608    | 1 | C20002716M160 |
| U03 | R512 | R,CHIP THICK  | 270-J,1/16W-1608    | 1 | C20002716M160 |
| U03 | R513 | R,CHIP THICK  | 10K-J,1/16W-1608    | 1 | C20001036M160 |
| U03 | R514 | R,CHIP THICK  | 10K-J,1/16W-1608    | 1 | C20001036M160 |
| U03 | R515 | R,CHIP THICK  | 1.5K-J,1/16W-1608   | 1 | C20001526M160 |
| U03 | R516 | R,CHIP THICK  | 1.5K-J,1/16W-1608   | 1 | C20001526M160 |
| U03 | R517 | R,CHIP THICK  | 680-J,1/16W-1608    | 1 | C20006816M160 |
| U03 | R518 | R,CHIP THICK  | 680-J,1/16W-1608    | 1 | C20006816M160 |
| U03 | R519 | R,METAL FILM  | 39-J,1/4W-R 100ppm  | 1 | C060039063050 |
| U03 | R520 | R,METAL FILM  | 39-J,1/4W-R 100ppm  | 1 | C060039063050 |
| U03 | R521 | R,METAL FILM  | 39-J,1/4W-R 100ppm  | 1 | C060039063050 |
| U03 | R522 | R,METAL FILM  | 39-J,1/4W-R 100ppm  | 1 | C060039063050 |
| U03 | R523 | R,METAL FILM  | RES MF 22 1W 100ppm | 1 | C060022065520 |
| U03 | R524 | R,METAL FILM  | RES MF 22 1W 100ppm | 1 | C060022065520 |
| U03 | R525 | R,CHIP THICK  | 18K-J,1/16W-1608    | 1 | C20001836M160 |
| U03 | R526 | R,CHIP THICK  | 18K-J,1/16W-1608    | 1 | C20001836M160 |

|     |      |              |                    |   |               |
|-----|------|--------------|--------------------|---|---------------|
| U03 | R527 | R,CHIP THICK | 18K-J,1/16W-1608   | 1 | C20001836M160 |
| U03 | R528 | R,CHIP THICK | 18K-J,1/16W-1608   | 1 | C20001836M160 |
| U03 | R531 | R,METAL FILM | 39-J,1/4W-R 100ppm | 1 | C060039063050 |
| U03 | R532 | R,METAL FILM | 39-J,1/4W-R 100ppm | 1 | C060039063050 |
| U03 | R533 | R,METAL FILM | 33-J,1W-R 100ppm   | 1 | C060033065050 |
| U03 | R534 | R,METAL FILM | 33-J,1W-R 100ppm   | 1 | C060033065050 |
| U03 | R566 | R,CHIP THICK | 1.8K-J,1/16W-1608  | 1 | C20001826M160 |
| U03 | R567 | R,CHIP THICK | 12K-J,1/16W-1608   | 1 | C20001236M160 |
| U03 | R569 | R,CHIP THICK | 1.5K-J,1/16W-1608  | 1 | C20001526M160 |
| U03 | R570 | R,CHIP THICK | 12K-J,1/16W-1608   | 1 | C20001236M160 |
| U03 | R571 | R,CHIP THICK | 1.5K-J,1/16W-1608  | 1 | C20001526M160 |
| U03 | R572 | R,CHIP THICK | 1.8K-J,1/16W-1608  | 1 | C20001826M160 |
| U03 | R851 | R,CHIP THICK | 2.2K-J,1/16W-1608  | 1 | C20002226M160 |
| U03 | R852 | R,CHIP THICK | 2.2K-J,1/16W-1608  | 1 | C20002226M160 |
| U03 | R853 | R,CHIP THICK | 22K-J,1/16W-1608   | 1 | C20002236M160 |
| U03 | R854 | R,CHIP THICK | 12K-J,1/16W-1608   | 1 | C20001236M160 |
| U03 | R855 | R,CHIP THICK | 47K-J,1/16W-1608   | 1 | C20004736M160 |
| U03 | R856 | R,CHIP THICK | 47K-J,1/16W-1608   | 1 | C20004736M160 |
| U03 | R857 | R,CHIP THICK | 15K-J,1/16W-1608   | 1 | C20001536M160 |
| U03 | R858 | R,CHIP THICK | 47K-J,1/16W-1608   | 1 | C20004736M160 |
| U03 | R859 | R,CHIP THICK | 47K-J,1/16W-1608   | 1 | C20004736M160 |
| U03 | R860 | R,CHIP THICK | 47K-J,1/16W-1608   | 1 | C20004736M160 |
| U03 | R861 | R,CHIP THICK | 15K-J,1/16W-1608   | 1 | C20001536M160 |
| U03 | R862 | R,CHIP THICK | 100K-J,1/16W-1608  | 1 | C20001046M160 |
| U03 | R863 | R,CHIP THICK | 0-J,1/16W-1608     | 1 | C20000006M160 |

#### U04 AMP PC BOARD

|     | REF. NO. | NAME                | DESCRIPTION             | Q'TY | PART NO.      |
|-----|----------|---------------------|-------------------------|------|---------------|
| U04 | C515     | C,CERAMIC HIK DISC  | F0.022UF-Z/50V-5RE      | 1    | D004223597050 |
| U04 | C517     | C,CERAMIC HIK DISC  | F0.047UF-Z/50V-5RE PI10 | 1    | D004473597050 |
| U04 | C518     | C,CERAMIC HIK DISC  | F0.047UF-Z/50V-5RE PI10 | 1    | D004473597050 |
| U04 | C521     | C,CERAMIC HIK DISC  | F0.022UF-Z/50V-5RE      | 1    | D004223597050 |
| U04 | C522     | C,CERAMIC HIK DISC  | SL220PF-J/50V-5RE       | 1    | D004221067060 |
| U04 | C527     | C,CERAMIC T.C DISC  | SL47PF-J/50V-5RE        | 1    | D000470067050 |
| U04 | C528     | C,CERAMIC T.C DISC  | SL47PF-J/50V-5RE        | 1    | D000470067050 |
| U04 | C533     | C,CERAMIC HIK DISC  | SL220PF-J/50V-5RE       | 1    | D004221067060 |
| U04 | C534     | C,CERAMIC HIK DISC  | SL220PF-J/50V-5RE       | 1    | D004221067060 |
| U04 | C535     | C,CERAMIC HIK DISC  | SL220PF-J/50V-5RE       | 1    | D004221067060 |
| U04 | C536     | C,CERAMIC SEMI DISC | F0.1UF-Z/50V-5RE PI6    | 1    | D006104597050 |
| U04 | C537     | C,CERAMIC SEMI DISC | F0.1UF-Z/50V-5RE PI6    | 1    | D006104597050 |
| U04 | CN500    | CN,WIRE             | 290MM/10P WH1569#26     | 1    | L000291100010 |
| U04 | CN501    | CN,WIRE             | 140MM/5P WH1569#26      | 1    | L000141050010 |
| U04 | CP503    | CN.WAFER 2.5MM      | 5268-04A 4P ANGLE       | 1    | L102526800400 |
| U04 | CP505    | CN.WAFER 2.0MM      | GIL-S-2P-S2L2-EF        | 1    | L101220020010 |
| U04 | CP506    | CN.WAFER 2.0MM      | GIL-S-2P-S2L2-EF        | 1    | L101220020010 |
| U04 | D505     | D,SWITCHING         | 1SS133T-72-52MM         | 1    | K000013300520 |
| U04 | D506     | D,SWITCHING         | 1SS133T-72-52MM         | 1    | K000013300520 |
| U04 | Q521     | SEMI,TR/GE NPN 2SD  | 2SD2389Y/MICA-STRAIGHT  | 1    | J5032389Y1170 |
| U04 | Q522     | SEMI,TR/GE PNP 2SB  | 2SB1559Y/MICA-STRAIGHT  | 1    | J5011559Y1170 |
| U04 | Q523     | SEMI,TR/GE PNP 2SB  | 2SB1559Y/MICA-STRAIGHT  | 1    | J5011559Y1170 |
| U04 | Q524     | SEMI,TR/GE NPN 2SD  | 2SD2389Y/MICA-STRAIGHT  | 1    | J5032389Y1170 |
| U04 | Q525     | SEMI,TR/GE NPN 2SC  | TR NPN 2SC4137 BIAS     | 1    | J5024137V0130 |
| U04 | Q526     | SEMI,TR/GE NPN 2SC  | TR NPN 2SC4137 BIAS     | 1    | J5024137V0130 |
| U04 | Q527     | SEMI,TR/GE NPN 2SC  | KSC1845F,0.5W/T092-     | 1    | J5021845F0000 |
| U04 | Q528     | SEMI,TR/GE NPN 2SC  | KSC1845F,0.5W/T092-     | 1    | J5021845F0000 |

|     |      |               |                     |   |               |
|-----|------|---------------|---------------------|---|---------------|
| U04 | R529 | R,CARBON FILM | 22K-J,1/5W-52RE-AX  | 1 | C00002236P520 |
| U04 | R530 | R,CARBON FILM | 22K-J,1/5W-52RE-AX  | 1 | C00002236P520 |
| U04 | R535 | R,CARBON FILM | 12K-J,1/5W-52RE-AX  | 1 | C00001236P520 |
| U04 | R536 | R,CARBON FILM | 12K-J,1/5W-52RE-AX  | 1 | C00001236P520 |
| U04 | R537 | R,CARBON FILM | 3.9K-J,1/5W-52RE-AX | 1 | C00003926P520 |
| U04 | R538 | R,CARBON FILM | 3.9K-J,1/5W-52RE-AX | 1 | C00003926P520 |
| U04 | R539 | R,CARBON FILM | 510-J,1/5W-52RE-AX  | 1 | C00005116P520 |
| U04 | R540 | R,CARBON FILM | 510-J,1/5W-52RE-AX  | 1 | C00005116P520 |
| U04 | R541 | R,METAL FILM  | 47-J,1W-R 100ppm    | 1 | C060047065060 |
| U04 | R542 | R,METAL FILM  | 47-J,1W-R 100ppm    | 1 | C060047065060 |
| U04 | R543 | R,METAL FILM  | 0.22-J,1W-R 100ppm  | 1 | C060R22065050 |
| U04 | R544 | R,METAL FILM  | 0.22-J,1W-R 100ppm  | 1 | C060R22065050 |
| U04 | R545 | R,METAL FILM  | 0.22-J,1W-R 100ppm  | 1 | C060R22065050 |
| U04 | R546 | R,METAL FILM  | 0.22-J,1W-R 100ppm  | 1 | C060R22065050 |
| U04 | R549 | R,CARBON FILM | 10K-J,1/5W-52RE-AX  | 1 | C00001036P520 |
| U04 | R550 | R,CARBON FILM | 10K-J,1/5W-52RE-AX  | 1 | C00001036P520 |
| U04 | R551 | R,CARBON FILM | 20K-J,1/5W-52RE-AX  | 1 | C00002036P520 |
| U04 | R552 | R,CARBON FILM | 20K-J,1/5W-52RE-AX  | 1 | C00002036P520 |
| U04 | R553 | R,CARBON FILM | 330K-J,1/5W-52RE-AX | 1 | C00003346P520 |
| U04 | R554 | R,CARBON FILM | 330K-J,1/5W-52RE-AX | 1 | C00003346P520 |
| U04 | R555 | R,CARBON FILM | 2.2K-J,1/5W-52RE-AX | 1 | C00002226P520 |
| U04 | R556 | R,CARBON FILM | 2.2K-J,1/5W-52RE-AX | 1 | C00002226P520 |
| U04 | R558 | R,CARBON FILM | 1.2K-J,1/5W-52RE-AX | 1 | C00001226P520 |
| U04 | R564 | R,METAL FILM  | 47-J,1W-R 100ppm    | 1 | C060047065060 |
| U04 | R565 | R,METAL FILM  | 47-J,1W-R 100ppm    | 1 | C060047065060 |
| U04 | R573 | R,CARBON FILM | 1.2K-J,1/5W-52RE-AX | 1 | C00001226P520 |

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**POWER PC BOARD**

|     | REF. NO. | NAME                | DESCRIPTION                            | Q'TY | PART NO.      |
|-----|----------|---------------------|----------------------------------------|------|---------------|
| U05 | C902     | C,CERAMIC SEMI DISC | F0.1UF-Z/50V-5RE PI6                   | 1    | D006104597050 |
| U05 | C905     | C,ELECT GE 85C      | 470UF-M/16V,8x11.5-5RE,SHL-SY          | 1    | D040471083080 |
| U05 | C906     | C,ELECT GE 85C      | 470UF-M/16V,8x11.5-5RE,SHL-SY          | 1    | D040471083080 |
| U05 | C907     | C,ELECT GE 85C      | 470UF-M/16V,8x11.5-5RE,SHL-SY          | 1    | D040471083080 |
| U05 | C909     | C,ELECT GE 85C      | 220UF-M/16V,6.3x11-5RE,SHL-SY          | 1    | D040221083110 |
| U05 | C910     | C,ELECT GE 85C      | 2200UF-M/16V,10x20-5RE SY              | 1    | D040222083060 |
| U05 | C911     | C,ELECT GE 85C      | 470UF-M/16V,8x11.5-5RE,SHL-SY          | 1    | D040471083080 |
| U05 | C913     | C,CERAMIC SEMI DISC | F0.1UF-Z/50V-5RE PI6                   | 1    | D006104597050 |
| U05 | C919     | C,CERAMIC HIK DISC  | F0.01UF-Z/500V-5RE                     | 1    | D00410359D050 |
| U05 | C920     | C,CERAMIC HIK DISC  | F0.01UF-Z/500V-5RE                     | 1    | D00410359D050 |
| U05 | C921     | C,CERAMIC HIK DISC  | F0.01UF-Z/500V-5RE                     | 1    | D00410359D050 |
| U05 | C922     | C,CERAMIC HIK DISC  | F0.01UF-Z/500V-5RE                     | 1    | D00410359D050 |
| U05 | C923     | C,CERAMIC SEMI DISC | F0.1UF-Z/50V-5RE PI6                   | 1    | D006104597050 |
| U05 | CN910    | CN,WIRE             | 300MM/5P 5264-05=CKM2509H-05 BK1569#22 | 1    | L000301050040 |
| U05 | CP400A   | CN.WAFER 2.0MM      | TUC-P08X-B1 8P HOUSING ST (35237-08)   | 1    | L101100030810 |
| U05 | CP401A   | CN.WAFER 2.0MM      | TUC-P11X-B1 11P HOUSING ST (35237-11)  | 1    | L101100031110 |
| U05 | CP402A   | CN.WAFER 2.0MM      | TUC-P08X-B1 8P HOUSING ST (35237-08)   | 1    | L101100030810 |
| U05 | CP403A   | CN.WAFER 2.0MM      | TUC-P04X-B1 4P HOUSING ST (35237-04)   | 1    | L101100030410 |
| U05 | CP404A   | CN.WAFER 2.0MM      | TUC-P11X-B1 11P HOUSING ST (35237-11)  | 1    | L101100031110 |
| U05 | CP904A   | CN.WAFER 2.0MM      | TUC-P08X-B1 8P HOUSING ST (35237-08)   | 1    | L101100030810 |
| U05 | CP906    | CN.WAFER 2.0MM      | G1L-S-6P-S2T2-EF                       | 1    | L101220060000 |
| U05 | CP908    | CN.WAFER 2.0MM      | G1L-S-4P-S2T2-EF                       | 1    | L101220040000 |
| U05 | CP910    | CN.WAFER 2.5MM      | 5267-02A 2P                            | 1    | L102526700200 |
| U05 | CP911    | CN.WAFER 2.0MM      | G1L-S-7P-S2T2-EF                       | 1    | L101220070000 |
| U05 | CP912A   | CN.WAFER 2.0MM      | TUC-P07X-B1 7P HOUSING ST (35237-07)   | 1    | L101100030710 |

|     |        |                     |                                       |   |               |
|-----|--------|---------------------|---------------------------------------|---|---------------|
| U05 | CP913A | CN.WAFER 2.0MM      | TUC-P06X-B1 6P HOUSING ST (35237-06)  | 1 | L101100030610 |
| U05 | CP919  | CN.WAFER 2.5MM      | 5267-03A 3P                           | 1 | L102526700300 |
| U05 | D904   | D,SWITCHING         | IN4007 52 1000V 1A                    | 1 | K000400700520 |
| U05 | D905   | D,SWITCHING         | IN4007 52 1000V 1A                    | 1 | K000400700520 |
| U05 | D906   | D,SWITCHING         | IN4007 52 1000V 1A                    | 1 | K000400700520 |
| U05 | D907   | D,SWITCHING         | IN4007 52 1000V 1A                    | 1 | K000400700520 |
| U05 | D909   | D,SWITCHING         | IN4007 52 1000V 1A                    | 1 | K000400700520 |
| U05 | D919   | D,SWITCHING         | IN4007 52 1000V 1A                    | 1 | K000400700520 |
| U05 | D926   | D,SWITCHING         | IN4007 52 1000V 1A                    | 1 | K000400700520 |
| U05 | IC906  | IC,LINEAR-REGULATOR | RC1117-3.3 SOT223 3.3V 1AMP(LOW DROP) | 1 | J126111733020 |
| U05 | R903   | R,METAL FILM        | 0.22-J,1W-R 100ppm                    | 1 | C060R22065050 |
| U05 | R904   | R,METAL FILM        | 0.22-J,1W-R 100ppm                    | 1 | C060R22065050 |
| U05 | R905   | R,METAL FILM        | 0.22-J,1W-R 100ppm                    | 1 | C060R22065050 |
| U05 | R906   | R,METAL FILM        | 0.22-J,1W-R 100ppm                    | 1 | C060R22065050 |
| U05 | R909   | CN,WIRE 1P          | JUMPER (0.6/52MM)                     | 1 | L045084006040 |

### U06 REGULATOR PC BOARD

| REF. NO. | NAME  | DESCRIPTION         | Q'TY | PART NO.      |
|----------|-------|---------------------|------|---------------|
| U06      | C924  | C,ELECT GE 85C      | 1    | D040220083060 |
| U06      | C925  | C,CERAMIC SEMI DISC | 1    | D006104597050 |
| U06      | C926  | C,CERAMIC SEMI DISC | 1    | D006104597050 |
| U06      | C927  | C,CERAMIC SEMI DISC | 1    | D006104597050 |
| U06      | C936  | C,CERAMIC SEMI DISC | 1    | D006104597050 |
| U06      | C937  | C,CERAMIC SEMI DISC | 1    | D006104597050 |
| U06      | C938  | C,ELECT GE 85C      | 1    | D040220083060 |
| U06      | C939  | C,ELECT GE 85C      | 1    | D040220083060 |
| U06      | C940  | C,ELECT GE 85C      | 1    | D040220083060 |
| U06      | C941  | C,ELECT GE 85C      | 1    | D040220083060 |
| U06      | IC902 | IC,LINEAR-REGULATOR | 1    | J126781200040 |
| U06      | IC903 | IC,LINEAR-REGULATOR | 1    | J126791200060 |
| U06      | IC904 | IC,LINEAR-REGULATOR | 1    | J126780900020 |
| U06      | IC905 | IC,LINEAR-REGULATOR | 1    | J126780600140 |
| U06      | IC907 | IC,LINEAR-REGULATOR | 1    | J126780500110 |

### U07 SPEAKER PC BOARD

| REF. NO. | NAME | DESCRIPTION         | Q'TY | PART NO.      |
|----------|------|---------------------|------|---------------|
| U07      | C314 | C,CERAMIC CHIP HIK  | 1    | D011104577160 |
| U07      | C519 | C,CERAMIC HIK DISC  | 1    | D004222277050 |
| U07      | C520 | C,CERAMIC HIK DISC  | 1    | D004222277050 |
| U07      | C529 | C,CERAMIC HIK AXIAL | 1    | D005101177520 |
| U07      | C530 | C,CERAMIC CHIP HIK  | 1    | D011104577160 |
| U07      | C531 | C,CERAMIC CHIP HIK  | 1    | D011103777160 |
| U07      | C532 | C,CERAMIC CHIP HIK  | 1    | D011103777160 |
| U07      | C538 | C,CERAMIC SEMI DISC | 1    | D006104597050 |
| U07      | C539 | C,CERAMIC HIK AXIAL | 1    | D005473597520 |
| U07      | C540 | C,CERAMIC HIK AXIAL | 1    | D005473597520 |
| U07      | C915 | C,ELECT GE 85C      | 1    | D040101087060 |
| U07      | C916 | C,ELECT GE 85C      | 1    | D040101087060 |
| U07      | C917 | C,CERAMIC SEMI DISC | 1    | D006104597050 |
| U07      | C918 | C,CERAMIC HIK DISC  | 1    | D004223597050 |
| U07      | C928 | C,CERAMIC SEMI DISC | 1    | D006104597050 |
| U07      | C929 | C,CERAMIC HIK DISC  | 1    | D004223597050 |
| U07      | C930 | C,FILM METALIZER    | 1    | D02333406C050 |

|     |          |                      |                                |   |               |
|-----|----------|----------------------|--------------------------------|---|---------------|
| U07 | C932     | C,ELECT GE 85C       | 4.7UF-M/50V,5x11               | 1 | D0404R7087100 |
| U07 | CN914    | CN,WIRE              | 190MM/3P WH1569#26             | 1 | L000191030040 |
| U07 | CP501    | CN.WAFER 2.5MM       | 5267-05A 5P                    | 1 | L102526700500 |
| U07 | CP504    | CN.WAFER 2.0MM       | G1L-S-5P-S2T2-EF               | 1 | L101220050000 |
| U07 | CP909    | CN.WAFER 2.5MM       | 5267-05A 5P                    | 1 | L102526700500 |
| U07 | CP915    | CN.WAFER 2.5MM       | 5268-04A 4P ANGLE              | 1 | L102526800400 |
| U07 | CP916    | CN.WAFER 2.0MM       | G1L-S-4P-S2T2-EF               | 1 | L101220040000 |
| U07 | CP917    | CN.WAFER 2.5MM       | 5268-04A 4P ANGLE              | 1 | L102526800400 |
| U07 | CP918    | CN.WAFER 2.0MM       | G1L-S-4P-S2T2-EF               | 1 | L101220040000 |
| U07 | CP920    | CN.WAFER 2.0MM       | G1L-S-3P-S2T2-EF               | 1 | L101220030000 |
| U07 | D550     | D,SWITCHING CHIP     | 1N4148W FAST SWITCHING SOD-323 | 1 | K005041480020 |
| U07 | D910     | D,RECTIFIER BRIDGE   | D3SB20/DBF40C 5A-4PIN          | 1 | K047004000010 |
| U07 | D915     | D,SWITCHING          | 1N4007 52 1000V 1A             | 1 | K000400700520 |
| U07 | F902     | IC,LINEAR            | ICP-N15 T104/PROTEC            | 1 | J120001500030 |
| U07 | F903     | IC,LINEAR            | ICP-N15 T104/PROTEC            | 1 | J120001500030 |
| U07 | J515     | R,CHIP THICK         | 0-J,1/16W-1608                 | 1 | C20000006M160 |
| U07 | JACK500  | TER,BOARD PUSH 4P    | P80420710P                     | 1 | G594040480000 |
| U07 | JACK900  | TER,RCA 1PIN         | JE010003KN(GND) BK             | 1 | G600010003020 |
| U07 | L501     | COIL,FILTER-INDUCTOR | 0.15UH-BULK                    | 1 | D330R15000000 |
| U07 | L502     | COIL,FILTER-INDUCTOR | 0.15UH-BULK                    | 1 | D330R15000000 |
| U07 | OPT300   | MODULE               | GP1FA513TZ /OPT 96K SHUTTER    | 1 | E100151300010 |
| U07 | Q550     | SEMI,CHIP TR/NPN 2SC | KTC3875Y(ALY) 0.15W/SMT        | 1 | J5223875Y0210 |
| U07 | Q551     | SEMI,CHIP TR/NPN 2SC | KTC3875Y(ALY) 0.15W/SMT        | 1 | J5223875Y0210 |
| U07 | Q900     | SEMI,TR/GE NPN 2SC   | KTC3205Y,1W/TO92L              | 1 | J5023205Y0020 |
| U07 | Q901     | SEMI,TR/GE PNP 2SA   | KSA992F,0.5W/TO92              | 1 | J5000992F0050 |
| U07 | R320     | R,CHIP THICK         | 10K-J,1/16W-1608               | 1 | C20001036M160 |
| U07 | R321     | R,CHIP THICK         | 220-J,1/16W-1608               | 1 | C20002216M160 |
| U07 | R547     | R,METAL FILM         | 10-J,1W-R 100ppm               | 1 | C060010065050 |
| U07 | R548     | R,METAL FILM         | 10-J,1W-R 100ppm               | 1 | C060010065050 |
| U07 | R557     | R,METAL FILM         | 5.6-J,2W-R 100ppm              | 1 | C0605R6066060 |
| U07 | R559     | R,CHIP THICK         | 22K-J,1/16W-1608               | 1 | C20002236M160 |
| U07 | R560     | R,CHIP THICK         | 22K-J,1/16W-1608               | 1 | C20002236M160 |
| U07 | R561     | R,CARBON FILM        | 10K-J,1/5W-52RE-AX             | 1 | C00001036P520 |
| U07 | R562     | R,CARBON FILM        | 10K-J,1/5W-52RE-AX             | 1 | C00001036P520 |
| U07 | R563     | R,CARBON FILM        | 680-J,1/5W-52RE-AX             | 1 | C00006816P520 |
| U07 | R568     | R,METAL FILM 100PPM  | 5.6-J,2W-R-                    | 1 | C0605R6066060 |
| U07 | R600     | R,CHIP THICK         | 47K-J,1/16W-1608               | 1 | C20004736M160 |
| U07 | R601     | R,CHIP THICK         | 1.5K-J,1/16W-1608              | 1 | C20001526M160 |
| U07 | R907     | R,CARBON FILM        | 3.3K-J,1/5W-52RE-AX            | 1 | C00003326P520 |
| U07 | R908     | R,CARBON FILM        | 33K-J,1/5W-52RE-AX             | 1 | C00003336P520 |
| U07 | R915     | R,CARBON FILM        | 3.3K-J,1/5W-52RE-AX            | 1 | C00003326P520 |
| U07 | R920     | R,CARBON FILM        | 33K-J,1/5W-52RE-AX             | 1 | C00003336P520 |
| U07 | RELAY101 | RELAY                | G5PA-28 12V SPK                | 1 | G680120528010 |
| U07 | ZD900    | D,ZENER              | MTZJ18B-0.5W                   | 1 | K06018R044520 |
| U07 | ZD904    | D,ZENER              | MTZJ18B-0.5W                   | 1 | K06018R044520 |
| U07 | ZD905    | D,ZENER              | MTZJ18B-0.5W                   | 1 | K06018R044520 |
| U07 | ZD908    | D,ZENER              | MTZJ18B-0.5W                   | 1 | K06018R044520 |

#### U08 CONNECTOR PC BOARD

| REF. NO. | NAME   | DESCRIPTION    | Q'TY                                | PART NO.      |
|----------|--------|----------------|-------------------------------------|---------------|
| U08      | C469   | C,ELECT GE 85C | 1UF-M/50V,3x5-5RE SY                | D040010087070 |
| U08      | C856   | C,ELECT GE 85C | 1UF-M/50V,3x5-5RE SY                | D040010087070 |
| U08      | CP402B | CN.WAFER 2.0MM | TUC-P11P-B1 11P WAFER ST (35336-11) | L101100041110 |
| U08      | CP403B | CN.WAFER 2.0MM | TUC-P04P-B1 4P WAFER ST (35336-04)  | L101100040410 |
| U08      | CP404B | CN.WAFER 2.0MM | TUC-P08P-B1 8P WAFER ST (35336-08)  | L101100040810 |
| U08      | CP405B | CN.WAFER 2.0MM | TUC-P11P-B1 11P WAFER ST (35336-11) | L101100041110 |



|     |        |                      |                                    |   |               |
|-----|--------|----------------------|------------------------------------|---|---------------|
| U08 | CP406B | CN.WAFER 2.0MM       | TUC-P04P-B1 4P WAFER ST (35336-04) | 1 | L101100040410 |
| U08 | CP407B | CN.WAFER 2.0MM       | TUC-P07P-B1 7P WAFER ST (35336-07) | 1 | L101100040710 |
| U08 | CP409B | CN.WAFER 2.0MM       | TUC-P04P-B1 4P WAFER ST (35336-04) | 1 | L101100040410 |
| U08 | CP914  | CN.WAFER 2.0MM       | GIL-S-03P-S2L2-EF                  | 1 | L101220030010 |
| U08 | Q400   | SEMI,CHIP TR/NPN 2SC | KRC114S (NP) 0.2W/SOT-23           | 1 | J522011400210 |
| U08 | Q704   | SEMI,CHIP TR/PNP 2SA | KRA107S (PH) /SOT-23               | 1 | J5200107S0050 |
| U08 | Q705   | SEMI,CHIP TR/NPN 2SC | KRC102S (NB) 0.2W/SOT-23           | 1 | J522010200210 |
| U08 | Q905   | SEMI,TR/GE NPN 2SC   | KTC3202Y,0.6W/TO92                 | 1 | J5023202Y0000 |
| U08 | Q906   | SEMI,TR/GE PNP 2SA   | KTA1270Y,0.5W/TO92                 | 1 | J5001270Y0050 |
| U08 | R493   | R,CHIP THICK         | 47K-J,1/16W-1608                   | 1 | C20004736M160 |
| U08 | R494   | R,CARBON FILM        | 220-J,1/5W-52RE-AX                 | 1 | C00002216P520 |
| U08 | R916   | R,CARBON FILM        | 4.7K-J,1/5W-52RE-AX                | 1 | C00004726P520 |
| U08 | R917   | R,CARBON FILM        | 4.7K-J,1/5W-52RE-AX                | 1 | C00004726P520 |
| U08 | ZD902  | D,ZENER              | MTZJ6.2B-0.5W                      | 1 | K06006R244520 |
| U08 | ZD903  | D,ZENER              | MTZJ6.2B-0.5W                      | 1 | K06006R244520 |

### VOLUME PC BOARD

| REF. NO. | NAME   | DESCRIPTION          | QTY | PART NO.      |
|----------|--------|----------------------|-----|---------------|
| U09      | C459   | C,ELECT GE 85C       | 1   | D040101083060 |
| U09      | C460   | C,CERAMIC SEMI DISC  | 1   | D006104597050 |
| U09      | C468   | C,CERAMIC HIK DISC   | 1   | D00410359D050 |
| U09      | CP408A | CN.WAFER 2.0MM       | 1   | L101100031010 |
| U09      | IC308  | IC,LINEAR-DRIVER     | 1   | J127695600010 |
| U09      | R481   | R,CHIP THICK         | 1   | C20001236M160 |
| U09      | R482   | R,CHIP THICK         | 1   | C20001236M160 |
| U09      | R483   | R,FUSIBLE METAL      | 1   | C1012R2064060 |
| U09      | R484   | R,CARBON FILM        | 1   | C00005626P520 |
| U09      | R485   | R,CARBON FILM        | 1   | C00004726P520 |
| U09      | VR903  | VR,ROTARY MOTOR 16MM | 1   | C495121400350 |

### STATION PC BOARD

| REF. NO. | NAME   | DESCRIPTION    | QTY | PART NO.      |
|----------|--------|----------------|-----|---------------|
| U10      | CP200B | CN.FPC 1.0MM   | 1   | L130623201620 |
| U10      | CP201B | CN.WAFER 2.0MM | 1   | L101220060010 |
| U10      | CP202B | CN.WAFER 2.0MM | 1   | L101220050010 |
| U10      | CP203A | CN.FPC 1.0MM   | 1   | L130623202920 |

### STAND-BY PC BOARD

| REF. NO. | NAME   | DESCRIPTION          | QTY | PART NO.      |
|----------|--------|----------------------|-----|---------------|
| U12      | C100   | C,CERAMIC AC(SAFETY) | 1   | D008472089010 |
| U12      | C900   | C,CERAMIC SEMI DISC  | 1   | D006104597050 |
| U12      | C901   | C,CERAMIC SEMI DISC  | 1   | D006104597050 |
| U12      | C903   | C,ELECT GE 85C       | 1   | D040221083110 |
| U12      | C908   | C,ELECT GE 85C       | 1   | D0404R7083050 |
| U12      | C914   | C,ELECT GE 85C       | 1   | D040221083110 |
| U12      | C931   | C,CERAMIC CHIP HIK   | 1   | D011102777160 |
| U12      | CP100  | CN.WAFER 7.92MM      | 1   | L108039602010 |
| U12      | CP101  | CN.WAFER 3.96MM      | 1   | L104353280200 |
| U12      | CP903B | CN.WAFER 2.0MM       | 1   | L101100040710 |
| U12      | D131   | D,SWITCHING CHIP     | 1   | K005041480020 |
| U12      | D900   | D,SWITCHING          | 1   | K000400700520 |
| U12      | D901   | D,SWITCHING          | 1   | K000400700520 |
| U12      | D902   | D,SWITCHING          | 1   | K000400700520 |
| U12      | D903   | D,SWITCHING          | 1   | K000400700520 |
| U12      | D916   | D,SWITCHING          | 1   | K000013300520 |

|     |          |                      |                                    |   |               |
|-----|----------|----------------------|------------------------------------|---|---------------|
| U12 | D917     | D,SWITCHING          | 1SS133T-72-52MM                    | 1 | K000013300520 |
| U12 | FUSECL1  | HOLDER,FUSE CLIP     | PI5.2-                             | 1 | G645000050010 |
| U12 | FUSECL2  | HOLDER,FUSE CLIP     | PI5.2-                             | 1 | G645000050010 |
| U12 | IC105    | IC,LINEAR-REGULATOR  | KIA78DL06PI,20W-TO220IS (LOW DROP) | 1 | J126780600140 |
| U12 | J904     | R,METAL FILM         | 33-J,1W-R 100ppm                   | 1 | C060033065050 |
| U12 | Q902     | SEMI,CHIP TR/NPN 2SC | KTC3875Y(ALY) 0.15W/SMT            | 1 | J5223875Y0210 |
| U12 | Q904     | SEMI,CHIP TR/NPN 2SC | KTC3875Y(ALY) 0.15W/SMT            | 1 | J5223875Y0210 |
| U12 | R900     | R,METAL FILM         | 0.22-J,1W-R 100ppm                 | 1 | C060R22065050 |
| U12 | R901     | R,METAL FILM         | 0.22-J,1W-R 100ppm                 | 1 | C060R22065050 |
| U12 | R912     | R,CHIP THICK         | 100-J,1/16W-1608                   | 1 | C20001016M160 |
| U12 | R913     | R,CHIP THICK         | 0-J,1/16W-1608                     | 1 | C20000006M160 |
| U12 | R914     | R,CHIP THICK         | 0-J,1/16W-1608                     | 1 | C20000006M160 |
| U12 | R918     | R,CHIP THICK         | 47K-J,1/16W-1608                   | 1 | C20004736M160 |
| U12 | R922     | R,CHIP THICK         | 0-J,1/16W-1608                     | 1 | C20000006M160 |
| U12 | R930     | R,CHIP THICK         | 100-J,1/16W-1608                   | 1 | C20001016M160 |
| U12 | R931     | R,CHIP THICK         | 10K-J,1/16W-1608                   | 1 | C20001036M160 |
| U12 | RELAY104 | RELAY                | G5PA-1 DC5V 5A                     | 1 | G680050502010 |
| U12 | T101     | POWER TRANS          | CR505 CPP STAND-BY 230V/50Hz       | 1 | 8200280150170 |
| U12 | T101     | POWER TRANS          | CR505 CGT STAND-BY 220V/50HZ       | 1 | 8200280150160 |
| U12 | T101     | POWER TRANS          | CR505 CPP STAND-BY 230V/50Hz       | 1 | 8200280150170 |
| U12 | T101     | POWER TRANS          | CR505 CDT STAND-BY 120V/60Hz       | 1 | 8200280150180 |
| U12 | T101     | POWER TRANS          | CR505 CGT STAND-BY 220V/50HZ       | 1 | 8200280150160 |
| U12 | ZD910    | D,ZENER              | MTZJ2.7B-0.5W                      | 1 | K06002R744520 |
| U12 | ZD911    | D,ZENER              | MTZJ3.3B-0.5W                      | 1 | K06003R344520 |

CR-505/505DAB

## PACKING PROCEDURES PARTS LIST

## &lt;Notes&gt;

&lt;DAB&gt;: CR-505DAB Brit

&lt;505&gt;: CR-505 All

&lt;PP&gt;: CR-505 European r

&lt;DT&gt;: CR-505 Taiwanese

&lt;GT&gt;: CR-505 Asian mod

&lt;GR&gt;: CR-505 Chainese r

|    | REF. NO. | NAME           | DESCRIPTION  | QTY | PART NO.      |
|----|----------|----------------|--------------|-----|---------------|
| PV | 1        | CUSHION SNOW R | ---          | 1   | 6230210994000 |
| PV | 2        | CUSHION SNOW L | ---          | 1   | 6230211004000 |
| PV | 3        | BOX GIFT       | ---          | 1   | 6007210450020 |
| PV | 3        | BOX GIFT       | ---          | 1   | 6007210450040 |
| PV | 3        | BOX GIFT       | ---          | 1   | 6007210450040 |
| PV | 3        | BOX GIFT       | ---          | 1   | 6007210450060 |
| PV | 3        | BOX GIFT       | ---          | 1   | 6007210450030 |
| PV | 4        | PP TAPE        | W48 OPP TAPE | (1) | 29110148      |
| PV | 5        | POLYBAG SET    | ---          | 1   | 6337210039000 |
| PV | 6        | POLYBAG        | AC CORD      | 1   | 6330210122010 |