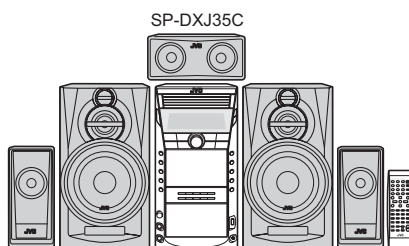


# JVC

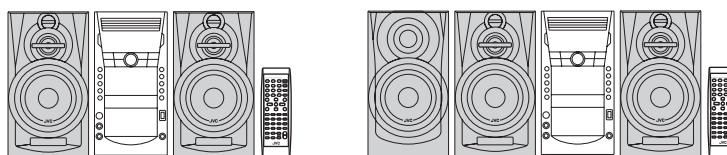
## SERVICE MANUAL

### COMPACT COMPONENT SYSTEM

**DX-J35EE, DX-J35UX, DX-J35UG, DX-J35UN,  
DX-J20EE, DX-J20UW, DX-J10EE**



SP-DXJ35S SP-DXJ35F CA-DXJ35 SP-DXJ35F SP-DXJ35S



SP-DXJ10 CA-DXJ10 SP-DXJ10

SP-DXJ20W SP-DXJ20F CA-DXJ20 SP-DXJ20F



Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)  
Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)

### TABLE OF CONTENTS

|   |                                    |      |
|---|------------------------------------|------|
| 1 | PRECAUTION.....                    | 1-6  |
| 2 | SPECIFIC SERVICE INSTRUCTIONS..... | 1-9  |
| 3 | DISASSEMBLY .....                  | 1-10 |
| 4 | ADJUSTMENT .....                   | 1-38 |
| 5 | TROUBLESHOOTING .....              | 1-40 |

# SPECIFICATION

## DX-J35EE

|                          |  |                                      |  |  |
|--------------------------|--|--------------------------------------|--|--|
| Amplifier section        | Output Power   | FRONT SPEAKERS                       |  | 100 W per channel min. RMS driven into 6 Ω at 1 kHz with no more than 10% total harmonic distortion. |
|                          |  | SURROUND SPEAKERS                    |  | 50 W per channel min. RMS driven into 6 Ω at 1 kHz with no more than 10% total harmonic distortion.  |
|                          |  | CENTER SPEAKER                       |  | 50 W min. RMS driven into 6 Ω at 1 kHz with no more than 10% total harmonic distortion.              |
|                          | Audio output   |                                      |  | SUBWOOFER OUT  |
|                          | Digital input  |                                      |  | USB memory   |
|                          | Audio input sensitivity/Impedance<br>(Measured at 1 kHz with tape recording signal 300 mV) | AUX                                  |  | 400 mV/47 k Ω  |
|                          |  | MIC1/2                               |  | 3.0 mV/50 k Ω  |
|                          |  | VIDEO OUT                            | Color system   | NTSC/NTSC PROG/PAL/PAL PROG  |
|                          |  | VIDEO (composite)                    |  | 1 V(p-p)/75 Ω  |
|                          |  | S-VIDEO                              | Y (luminance)  | 1 V(p-p)/75 Ω  |
|                          |  |                                      | C(chrominance, burst): NTSC  | 0.286 V(p-p)/75 Ω  |
|                          |  |                                      | C(chrominance, burst): PAL   | 0.3 V(p-p)/75 Ω  |
|                          |  | COMPONENT<br>(Interlace/Progressive) | (Y)  | 1 V(p-p)/75 Ω  |
| (PB/PR)                  | 0.7 V(p-p)/75 Ω  |                                      |  |  |
| Speaker Terminals        |  |                                      | 6 Ω - 16 Ω (front speakers/subwoofers)   |  |
| Tuner section            | FM tuning range  |                                      | 87.50 MHz - 108.00 MHz   |  |
|                          | AM (MW) tuning range   |                                      | 522 kHz - 1 629 kHz  |  |
| Disc/File player section | Playable disc  |                                      | DVD Video/DVD Audio/CD/VCD/SVCD  |  |
|                          |  |                                      | CD-R/CD-RW<br>(CD/VCD/SVCD/MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)     |  |
|                          |  |                                      | DVD-R/-RW<br>(DVD-VR/DVD-video/MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format) |  |
|                          |  |                                      | +R/+RW<br>(DVD-video/MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)           |  |
|                          |  |                                      | DVD-ROM<br>(DVD-video/MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)          |  |
|                          | Playable file  |                                      | MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format                                 |  |
|                          | Dynamic range  |                                      | 80 dB  |  |
|                          | Horizontal resolution  |                                      | 500 lines  |  |
|                          | Wow and flutter  |                                      | Immeasurable   |  |
| USB storage section      | USB specification  |                                      | Compatible with USB 2.0 Full-Speed   |  |
|                          | Compatible device  |                                      | Mass storage class   |  |
|                          | Compatible file system   |                                      | FAT 16, FAT 32   |  |
|                          | Bus power supply   |                                      | 5 V/500 mA   |  |
| Cassette deck section    | Frequency response   | Normal (type I)                      | 50 Hz - 14 000 Hz  |  |
|                          | Wow and flutter  |                                      | 0.15% (WRMS)   |  |
| General                  | Power requirement  |                                      | AC 230 V , 50 Hz   |  |
|                          | Power consumption  |                                      | 205 W (at operation) / 21 W (on standby)                                       |  |
|                          | Dimensions (W/H/D) (approx.)   |                                      | 185 mm x 370 mm x 372 mm   |  |
|                          | Mass (approx.)   |                                      | 9.5 kg   |  |

Design and specifications are subject to change without notice.

**DX-J35UX,UG,UN**

|                          |  |                                      |                             |                             |  |
|--------------------------|--|--------------------------------------|-----------------------------|-----------------------------|--|
| Amplifier section        | Output Power   |                                      | FRONT SPEAKERS              |                             | 100 W per channel min. RMS driven into 6 Ω at 1 kHz with no more than 10% total harmonic distortion.         |
|                          |  |                                      | SURROUND SPEAKERS           |                             | 50 W per channel min. RMS driven into 6 Ω at 1 kHz with no more than 10% total harmonic distortion.          |
|                          |  |                                      | CENTER SPEAKER              |                             | 50 W min. RMS driven into 6 Ω at 1 kHz with no more than 10% total harmonic distortion.                      |
|                          | Audio output   |                                      |                             |                             | SUBWOOFER OUT  |
|                          | Digital input  |                                      |                             |                             | USB memory   |
|                          | Audio input sensitivity/Impedance<br>(Measured at 1 kHz with tape recording signal 300 mV) | AUX                                  |                             | 400 mV/47 k Ω               |  |
|                          |  | MIC1/2                               |                             | 3.0 mV/50 k Ω               |  |
|                          |  | VIDEO OUT                            | Color system                | NTSC/NTSC PROG/PAL/PAL PROG |  |
|                          |  | VIDEO (composite)                    |                             | 1 V(p-p)/75 Ω               |  |
|                          |  | S-VIDEO                              | Y (luminance)               | 1 V(p-p)/75 Ω               |  |
|                          |  |                                      | C(chrominance, burst): NTSC | 0.286 V(p-p)/75 Ω           |  |
|                          |  |                                      | C(chrominance, burst): PAL  | 0.3 V(p-p)/75 Ω             |  |
|                          |  | COMPONENT<br>(Interlace/Progressive) | (Y)                         | 1 V(p-p)/75 Ω               |  |
|                          | (PB/PR)  |                                      | 0.7 V(p-p)/75 Ω             |                             |  |
|                          | Speaker Terminals  |                                      |                             |                             | 6 Ω - 16 Ω (front speakers/subwoofers)   |
| Tuner section            | FM tuning range  |                                      |                             |                             | 87.50 MHz - 108.00 MHz   |
|                          | AM (MW) tuning range   |                                      |                             |                             | 531 kHz - 1 710 kHz (at 9 kHz)   |
|                          |  |                                      |                             |                             | 530 kHz - 1 710 kHz (at 10 kHz)  |
|                          |  |                                      |                             |                             | (For Saudi Arabia) 531 kHz - 1 602 kHz (at 9 kHz)  |
|                          |  |                                      |                             |                             | (For Saudi Arabia) 530 kHz - 1 600 kHz (at 10 kHz)   |
| Disc/File player section | Region codes   | Middle East                          |                             | 2                           |  |
|                          |  | South East Asia                      |                             | 3                           |  |
|                          |  | Central and south America, Australia |                             | 4                           |  |
|                          | Playable disc  |                                      |                             |                             | DVD Video/DVD Audio/CD/VCD/SVCD  |
|                          |  |                                      |                             |                             | CD-R/CD-RW<br>(CD/VCD/SVCD/MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)                                   |
|                          |  |                                      |                             |                             | DVD-R/-RW<br>(DVD-VR/DVD-video/MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)                               |
|                          |  |                                      |                             |                             | +R/+RW<br>(DVD-video/MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)   |
|                          |  |                                      |                             |                             | DVD-ROM<br>(DVD-video/MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)  |
|                          | Playable file  |                                      |                             |                             | MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format   |
|                          | Dynamic range  |                                      |                             |                             | 80 dB  |
|                          | Horizontal resolution  |                                      |                             |                             | 500 lines  |
|                          | Wow and flutter  |                                      |                             |                             | Immeasurable   |
| USB storage section      | USB specification  |                                      |                             |                             | Compatible with USB 2.0 Full-Speed   |
|                          | Compatible device  |                                      |                             |                             | Mass storage class   |
|                          | Compatible file system   |                                      |                             |                             | FAT 16, FAT 32   |
|                          | Bus power supply   |                                      |                             |                             | 5 V/500 mA   |
| Cassette deck section    | Frequency response   |                                      | Normal (type I)             | 50 Hz - 14 000 Hz           |  |
|                          | Wow and flutter  |                                      |                             | 0.15% (WRMS)                |  |
| General                  | Power requirement  |                                      |                             |                             | AC 110 V / AC 127 V / AC 220 V / AC 230 V - AC 240 V<br>(adjustable with the voltage selector) 50 Hz / 60 Hz |
|                          |  |                                      |                             |                             | (For Australian model) AC 240 V , 50 Hz  |
|                          | Power consumption  |                                      |                             |                             | 205 W (at operation) / 21 W (on standby)   |
|                          | Dimensions (W/H/D) (approx.)   |                                      |                             |                             | 185 mm x 370 mm x 372 mm   |
|                          | Mass (approx.)   |                                      |                             |                             | 9.5 kg   |

Design and specifications are subject to change without notice.

**DX-J20EE/DX-J10EE**

|                          |  |                        |  |  |
|--------------------------|--|------------------------|--|--|
| Amplifier section        | Output Power   | FRONT SPEAKERS         |  | 100 W per channel min. RMS driven into 6 Ω at 1 kHz with no more than 10% total harmonic distortion. |
|                          |  | SUBWOOFERS             |  | 100 W min. RMS driven into 6 Ω at 63 Hz with no more than 10% total harmonic distortion.             |
|                          | Digital output   | OPTICAL DIGITAL OUTPUT |  | -21 dBm to -15 dBm (660 nm ±30 nm)   |
|                          | Digital input  |                        | USB MEMORY                             |  |
|                          | Audio input sensitivity/Impedance<br>(Measured at 1 kHz with tape recording signal 300 mV) | AUX                    |  | 400 mV/47 k Ω  |
|                          |  | MIC1/2                 |  | 3.0 mV/50 k Ω  |
|                          |  | VIDEO OUT              | Color system                           | NTSC/PAL   |
|                          |  | VIDEO (composite)      |  | 1 V(p-p)/75 Ω  |
|                          |  | S-VIDEO                | Y (luminance)                          | 1 V(p-p)/75 Ω  |
|                          |  |                        | C(chrominance, burst): NTSC            | 0.286 V(p-p)/75 Ω  |
|                          |  |                        | C(chrominance, burst): PAL             | 0.3 V(p-p)/75 Ω  |
| Speaker Terminals        |  |                        | 6 Ω - 16 Ω (front speakers/subwoofers) |  |
| Tuner section            | FM tuning range  |                        |  | 87.50 MHz - 108.00 MHz   |
|                          | AM (MW) tuning range   |                        |  | 522 kHz - 1 629 kHz  |
| Disc/File player section | Playable disc  |                        |  | DVD Video/CD/VCD/SVCD  |
|                          |  |                        |  | CD-R/CD-RW<br>(MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)                                       |
|                          |  |                        |  | DVD-R/-RW<br>(DVD-VR/DVD-video/MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)                       |
|                          |  |                        |  | +R/+RW<br>(DVD-video/MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)                                 |
|                          |  |                        |  | DVD-ROM<br>(DVD-video/MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)                                |
|                          | Playable file  |                        |  | MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format   |
|                          | Dynamic range  |                        |  | 80 dB  |
|                          | Horizontal resolution  |                        |  | 500 lines  |
|                          | Wow and flutter  |                        |  | Immeasurable   |
| USB storage section      | USB specification  |                        |  | Compatible with USB 2.0 Full Speed   |
|                          | Compatible device  |                        |  | Mass storage class   |
|                          | Compatible file system   |                        |  | FAT 16, FAT 32   |
|                          | Bus power supply   |                        |  | 5 V/500 mA   |
| Cassette deck section    | Frequency response   |                        | Normal (type I)                        | 50 Hz - 14 000 Hz  |
|                          | Wow and flutter  |                        |  | 0.15% (WRMS)   |
| General                  | Power requirement  |                        |  | AC 230 V , 50 Hz   |
|                          | Power consumption  | CA-DXJ10               |  | 95 W (at operation) / 15 W (on standby)  |
|                          |  | CA-DXJ20               |  | 140 W (at operation) / 16 W (on standby)   |
|                          | Dimensions (W/H/D) (approx.)   |                        |  | 185 mm x 370 mm x 372 mm   |
|                          | Mass (approx.)   | CA-DXJ10               |  | 8.9 kg   |
|                          |  | CA-DXJ20               |  | 9.3 kg   |

Design and specifications are subject to change without notice.



**DX-J20UW**

|                            |  |                                      |  |   |
|----------------------------|--|--------------------------------------|--|---|
| Amplifier section          | Output Power   | FRONT SPEAKERS                       |  | 100 W per channel min. RMS driven into 6 Ω at 1 kHz with no more than 10% total harmonic distortion.  |
|                            |  | SUBWOOFERS                           |  | 100 W min. RMS driven into 6 Ω at 63 Hz with no more than 10% total harmonic distortion.  |
|                            | Digital output   | OPTICAL DIGITAL OUTPUT               |  | -21 dBm to -15 dBm (660 nm ±30 nm)  |
|                            | Digital input  |                                      |  | USB MEMORY  |
|                            | Audio input sensitivity/Impedance<br>(Measured at 1 kHz with tape recording signal 300 mV) | AUX                                  |  | 400 mV/47 k Ω   |
|                            |  | MIC1/2                               |  | 3.0 mV/50 k Ω   |
|                            |  | VIDEO OUT                            | Color system                                       | NTSC/PAL  |
|                            |  | VIDEO (composite)                    |  | 1 V(p-p)/75 Ω   |
|                            |  | S-VIDEO                              | Y (luminance)                                      | 1 V(p-p)/75 Ω   |
|                            |  |                                      | C(chrominance, burst): NTSC                        | 0.286 V(p-p)/75 Ω   |
| C(chrominance, burst): PAL | 0.3 V(p-p)/75 Ω  |                                      |  |   |
| Speaker Terminals          |  |                                      | 6 Ω - 16 Ω (front speakers/subwoofers)             |   |
| Tuner section              | FM tuning range  |                                      | 87.50 MHz - 108.00 MHz                             |   |
|                            | AM (MW) tuning range   |                                      | 531 kHz - 1 710 kHz (at 9 kHz)                     |   |
|                            |  |                                      | 530 kHz - 1 710 kHz (at 10 kHz)                    |   |
|                            |  |                                      | (For Saudi Arabia) 531 kHz - 1 602 kHz (at 9 kHz)  |   |
|                            |  |                                      | (For Saudi Arabia) 530 kHz - 1 600 kHz (at 10 kHz) |   |
| Disc/File player section   | Region codes   | Middle East                          |  | 2   |
|                            |  | South East Asia                      |  | 3   |
|                            |  | Central and South America, Australia |  | 4   |
|                            | Playable disc  |                                      |  | DVD Video/CD/VCD/SVCD   |
|                            |  |                                      |  | CD-R/CD-RW<br>(MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)  |
|                            |  |                                      |  | DVD-R/-RW<br>(DVD-VR/DVD-video/MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)  |
|                            |  |                                      |  | +R/+RW<br>(DVD-video/MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)  |
|                            |  |                                      |  | DVD-ROM<br>(DVD-video/MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format)   |
|                            | Playable file  |                                      | MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX format     |   |
|                            | Dynamic range  |                                      | 80 dB  |   |
|                            | Horizontal resolution  |                                      | 500 lines  |   |
| Wow and flutter            |  | Immeasurable                         |  |   |
| USB storage section        | USB specification  |                                      | Compatible with USB 2.0 Full Speed                 |   |
|                            | Compatible device  |                                      | Mass storage class                                 |   |
|                            | Compatible file system   |                                      | FAT 16, FAT 32                                     |   |
|                            | Bus power supply   |                                      | 5 V/500 mA   |   |
| Cassette deck section      | Frequency response   |                                      | Normal (type I)                                    | 50 Hz - 14 000 Hz   |
|                            | Wow and flutter  |                                      |  | 0.15% (WRMS)  |
| General                    | Power requirement  |                                      |  | AC 110 V / AC 127 V / AC 220 V /AC 230 V - AC 240 V<br>(adjustable with the voltage selector) 50 Hz / 60 Hz<br>(For Australia) AC 240 V , 50 Hz |
|                            | Power consumption  |                                      |  | 140 W (at operation) / 16 W (on standby)  |
|                            | Dimensions (W/H/D) (approx.)   |                                      |  | 185 mm x 370 mm x 372 mm  |
|                            | Mass (approx.)   |                                      |  | 9.3 kg  |

Design and specifications are subject to change without notice.

# SECTION 1

## PRECAUTION

### 1.1 Safety Precautions

- (1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (  $\Delta$  ) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
- (4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

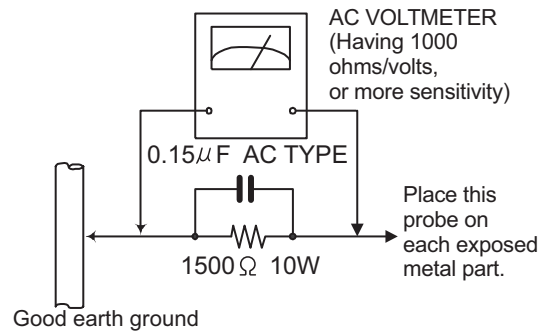
(5) Leakage shock hazard testing

After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock. Do not use a line isolation transformer during this check.

- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method  
Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000 $\Omega$  per volt or more sensitivity in the following manner. Connect a 1,500 $\Omega$  10W resistor paralleled by a 0.15 $\mu$ F AC-type capacitor between an exposed metal part and a known good earth ground. Measure the AC voltage across the resistor with the AC

voltmeter.

Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



### 1.2 Warning

- (1) This equipment has been designed and manufactured to meet international safety standards.
- (2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
- (3) Repairs must be made in accordance with the relevant safety standards.
- (4) It is essential that safety critical components are replaced by approved parts.
- (5) If mains voltage selector is provided, check setting for local voltage.

### 1.3 Caution

**Burrs formed during molding may be left over on some parts of the chassis.**

**Therefore, pay attention to such burrs in the case of pre-forming repair of this system.**

### 1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (  $\blacksquare$  ), diode (  $\blacksquare$  ) and ICP (  $\bullet$  ) or identified by the "  $\Delta$  " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.

(This regulation dose not Except the J and C version)

## 1.5 Preventing static electricity

Electrostatic discharge (ESD), which occurs when static electricity stored in the body, fabric, etc. is discharged, can destroy the laser diode in the traverse unit (optical pickup). Take care to prevent this when performing repairs.

### 1.5.1 Grounding to prevent damage by static electricity

Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as laser products.

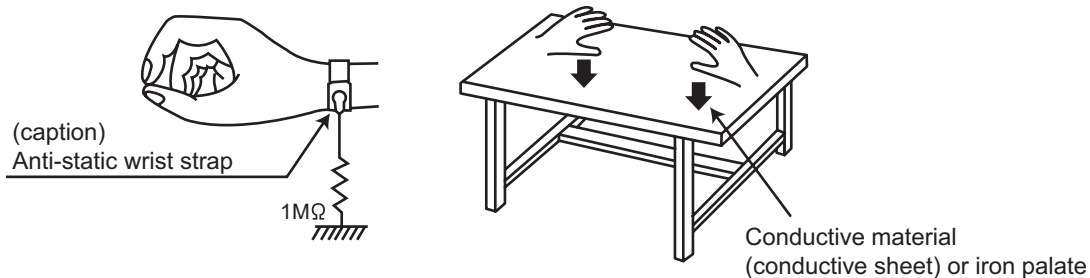
Be careful to use proper grounding in the area where repairs are being performed.

(1) Ground the workbench

Ground the workbench by laying conductive material (such as a conductive sheet) or an iron plate over it before placing the traverse unit (optical pickup) on it.

(2) Ground yourself

Use an anti-static wrist strap to release any static electricity built up in your body.



(3) Handling the optical pickup

- In order to maintain quality during transport and before installation, both sides of the laser diode on the replacement optical pickup are shorted. After replacement, return the shorted parts to their original condition. (Refer to the text.)
- Do not use a tester to check the condition of the laser diode in the optical pickup. The tester's internal power source can easily destroy the laser diode.

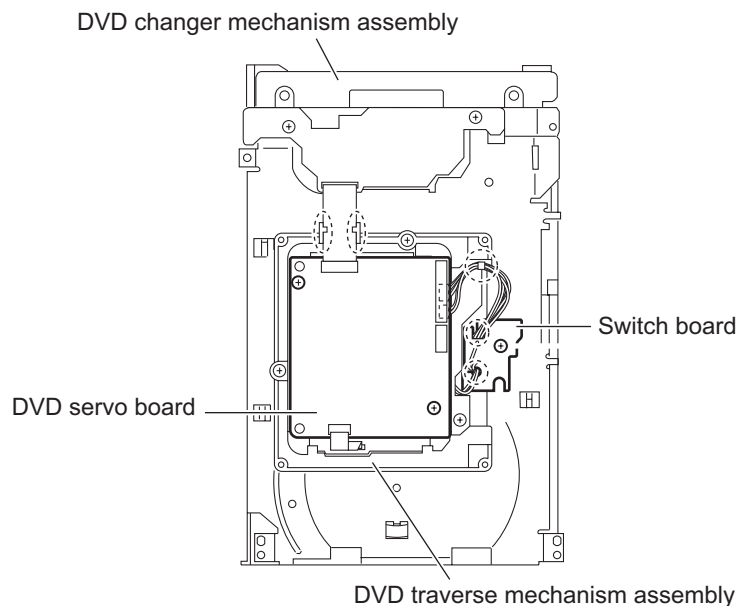
## 1.6 Handling the traverse unit (optical pickup)

- (1) Do not subject the traverse unit (optical pickup) to strong shocks, as it is a sensitive, complex unit.
- (2) Cut off the shorted part of the flexible cable using nippers, etc. after replacing the optical pickup. For specific details, refer to the replacement procedure in the text. Remove the anti-static pin when replacing the traverse unit. Be careful not to take too long a time when attaching it to the connector.
- (3) Handle the flexible cable carefully as it may break when subjected to strong force.
- (4) It is not possible to adjust the semi-fixed resistor that adjusts the laser power. Do not turn it.

## 1.7 Attention when traverse unit is decomposed

**\*Please refer to "Disassembly method" in the text for the pickup unit.**

- Apply solder to the short land sections before the card wire is disconnected from the connector on the servo board. (If the card wire is disconnected without applying solder, the pickup may be destroyed by static electricity.)
- In the assembly, be sure to remove solder from the short land sections after connecting the card wire.



## 1.8 Important for laser products

### 1.CLASS 1 LASER PRODUCT

#### 2.CAUTION :

(For U.S.A.) Visible and/or invisible class II laser radiation when open. Do not stare into beam.

(Others) Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.

**3.CAUTION :** Visible and/or invisible laser radiation when open and inter lock failed or defeated. Avoid direct exposure to beam.

**4.CAUTION :** This laser product uses visible and/or invisible laser radiation and is equipped with safety switches which prevent emission of radiation when the drawer is open and the safety interlocks have failed or are defeated. It is dangerous to defeat the safety switches.

(For U.S.A.)

**CAUTION :** Visible and/or invisible class II laser radiation when open. Do not stare into beam.

(Others)

**CAUTION :** Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments

**ACHTUNG:** Sichtbare und/oder unsichtbare Laserstrahlung der Klasse 1M bei offenen Abdeckungen. Nicht direkt mit optischen Instrumenten betrachten.

**ATTENTION:** Rayonnement laser visible et/ou invisible de classe 1M une fois ouvert. Ne pas regarder directement avec des instruments optiques.

**VOORZICHTIG:** Zichtbare en/of onzichtbare klasse 1M laserstralen indien geopend. Bekijk niet direct met optische instrumenten.

**ATTENZIONE:** Radiazione laser in classe 1M visibile e/o invisibile quando aperto. Non osservare direttamente con strumenti ottici.

**WARNING:** Synlig och/eller osynlig laserstrålning, klass 1M, när denna del är öppnad. Betrakta ej strålen med optiska instrument.

**VARO!** Avattaessa olet alttiina nakyyvalle ja/tai näkymättömälle luokan 1M lasersäteilylle. Älä tarkastele sitä optisen laitteen läpi.

**ADVASEL:** Synlig og/eller usynlig klasse 1M-laserstråling ved åbning. Se ikke direkte med optiske instrumenter.

**AVISO:** Radiación láser de clase 1M visible y/o invisible cuando está abierto. No mirar directamente con instrumental óptico.

**PRECAUÇÃO:** Radiação laser de classe 1M visível e/ou invisível quando aberto. Não olhe diretamente com instrumentos ópticos.

**5.CAUTION :** If safety switches malfunction, the laser is able to function.

**6.CAUTION :** Use of controls, adjustments or performance of procedures other than those specified here in may result in hazardous radiation exposure.



**CAUTION** Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.

**PRECAUÇÃO:** Radiação laser de classe 1M visível e/ou invisível quando aberto. Não olhe diretamente com instrumentos ópticos.

**ПРЕДУПРЕЖДЕНИЕ:** В открытом состоянии происходит видимое и/или невидимое излучение лазера класса 1M. Не смотрите непосредственно в оптические инструменты.

**UWAGA:** Otwarcie spowoduje narażenie na widzialne i/lub niewidzialne promieniowanie lasera klasy 1M. Nie patrzeć bezpośrednio w przyrządy optyczne.

**UPOZORNĚNÍ:** Při otevření vydává viditelné popř. neviditelné laserové ozáření třídy 1M. Nedívejte se do otvoru přímo s optickými nástroji.

**FIGYELMEZTETÉS:** Látható és/vagy láthatatlan 1M osztályú sugárzás nyitott állapotban. Ne nézze közvetlenül optikai műszerekkel.

注意：打開蓋板可能會產生可見或不可見的 1M 級鐳射。不要使用光學儀器直接進行窺視。

注意：打开盖板可能会产生可见或不可见的 1M 级辐射。不要使用光学仪器直接进行窥视。

**تنبيه:** يوجد إشعاع ليزري مرئي و/أو غير مرئي من الفئة 1M عندما يكون الجهاز مفتوحاً. تجنب النظر مباشرة داخل الجهاز باستخدام أدوات بصرية.

احتياط: هنگامی که باز گردد، تشعشع مرئی و یا نامرئی کلاس 1M لیزر وجود دارد. با لوازم چشمی مستقیماً به آن نگاه نکنید.

**주의:** 개방하면 가시 및/또는 비가시 클래스 1M 레이저 방사선이 나옵니다. 광학 기구로 직접 들여다보지 마십시오.

## REPRODUCTION AND POSITION OF LABELS and PRINT WARNING LABEL and PRINT



| CAUTION   | ATTENTION  | AVISO   | WARNING  | 注意  | CAUTION  |
|---|--|---|--|---|--|
| VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. IEC60825-1:2001 (ENG) | RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FRA) | RADIACIÓN LASER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTÁ ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTAL ÓPTICO. (ESP) | SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLNING, KLASSE 1M, NÄR DENNA DEL ÄR ÖPPNAD. BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (SWE) | ここを覗くと可視及び/または不可視のクラス1Mレーザー放射が出ます。光学装置で直接覗かないでください。 (JPN) | VISIBLE AND/OR INVISIBLE CLASS II LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (ENG) LV44603-003A |

## **SECTION 2**

### **SPECIFIC SERVICE INSTRUCTIONS**

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

## SECTION 3 DISASSEMBLY

### 3.1 Main body

#### 3.1.1 Removing the METAL COVER (See Fig.1, 2)

- (1) Remove the two screws **A** attaching the REAR COVER. (See Fig.1)
- (2) Remove the seven screws **B** attaching the METAL COVER. (See Fig.1)
- (3) Remove the four screws **C** attaching the both side of METAL COVER. (See Fig.2)

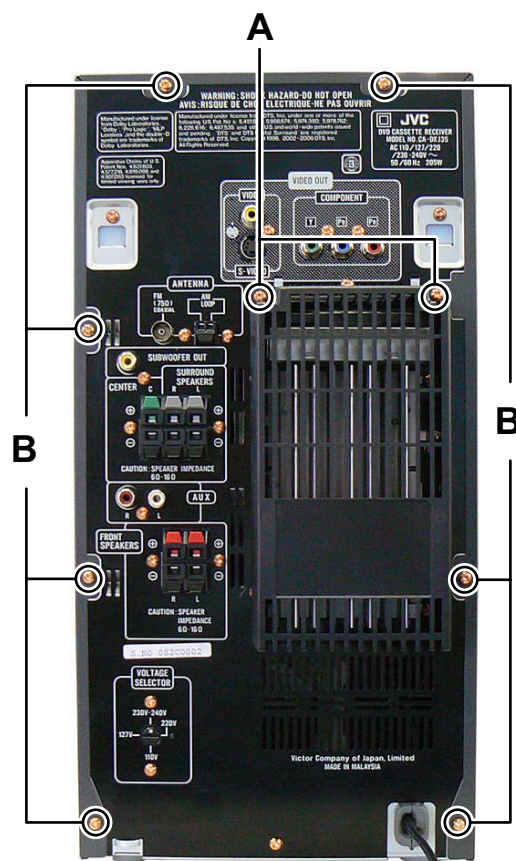


Fig.1



Fig.2



### 3.1.2 Removing the DVD MECHANISM assembly (See Fig.3 to 5)

- (1) Disconnect the card wires from MICON BOARD assembly connected to connector [CN701](#) and [CN801](#) of the DVD BOARD assembly. (See Fig.3)
- (2) Disconnect the card wire from AMP BOARD assembly connected to connector [CN702](#) of the DVD BOARD assembly. (See Fig.3)
- (3) Disconnect the card wire from SURROUND BOARD assembly connected to connector [CN703](#) of the DVD BOARD assembly. (See Fig.3)
- (4) Remove the two screws **D** attaching the DVD MECHANISM assembly. (See Fig.4)
- (5) Disconnect the connector wire from USB BOARD assembly connected to connector [CN811](#) of the DVD BOARD assembly. (See Fig.5)

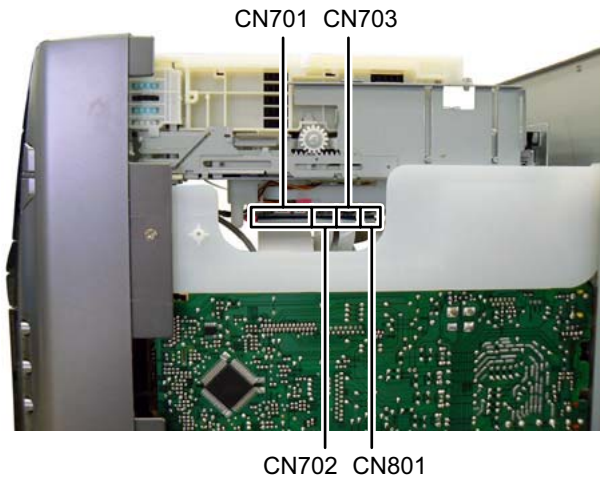


Fig.3



Fig.4

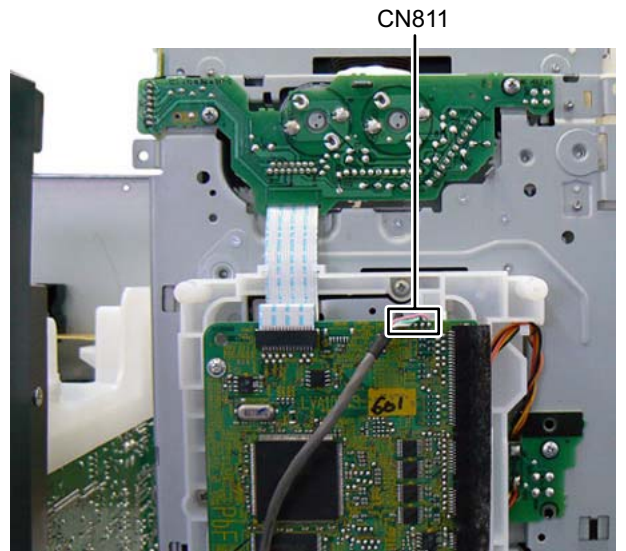


Fig.5

### 3.1.3 Removing the VIDEO BOARD assembly (See Fig.6, 7)

- (1) Disconnect the card wire from MICON BOARD assembly connected to connector [CN931](#) of the VIDEO BOARD assembly. (See Fig.6)
- (2) Remove the three screws **E** attaching the VIDEO BOARD assembly. (See Fig.7)

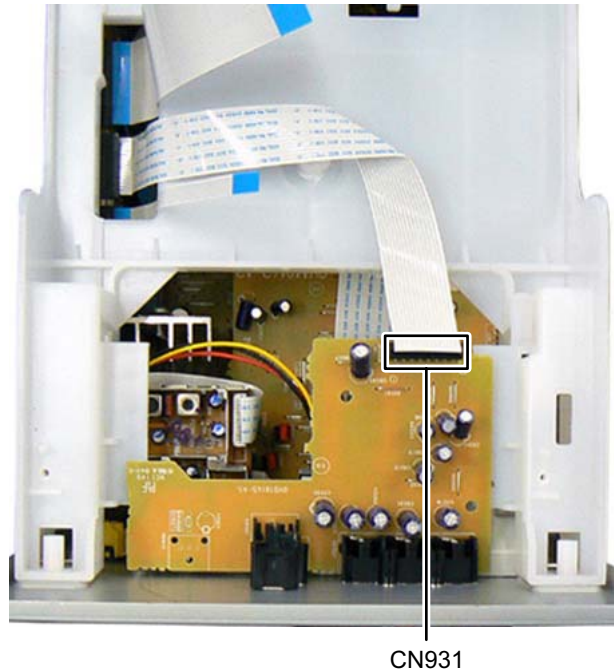


Fig.6

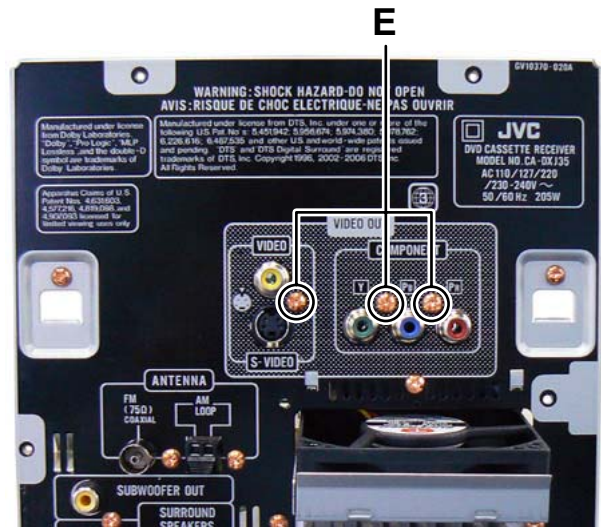


Fig.7



#### 3.1.4 Removing the MECHA CHASSIS (See Fig.8, 9)

- (1) Remove the two screws **F** attaching the MECHA CHASSIS. (See Fig.8)
- (2) Remove the two screws **G** attaching the both side of MECHA CHASSIS. (See Fig.9)

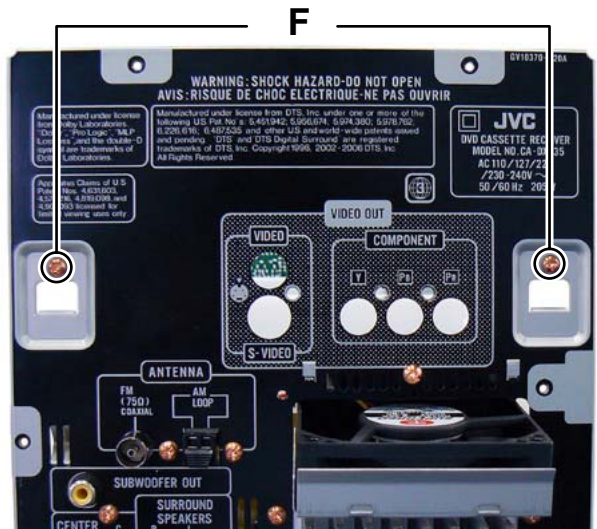


Fig.8

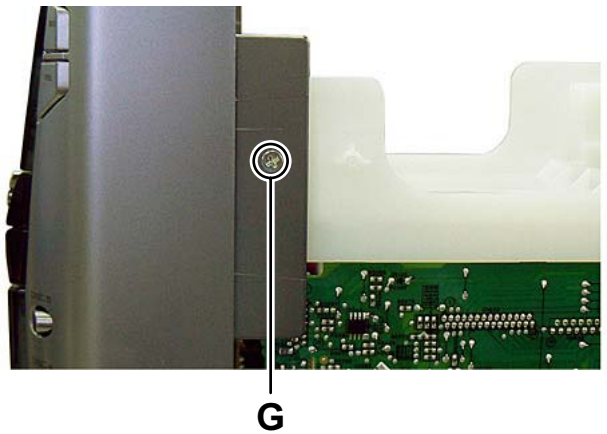


Fig.9

### 3.1.5 Removing the FAN (See Fig 10, 11)

- (1) Disconnect the connector wire from FAN connected to connector [CN630](#) of the MICON BOARD assembly. (See Fig.10)
- (2) Remove the one screw **H** attaching the FAN. (See Fig.11)

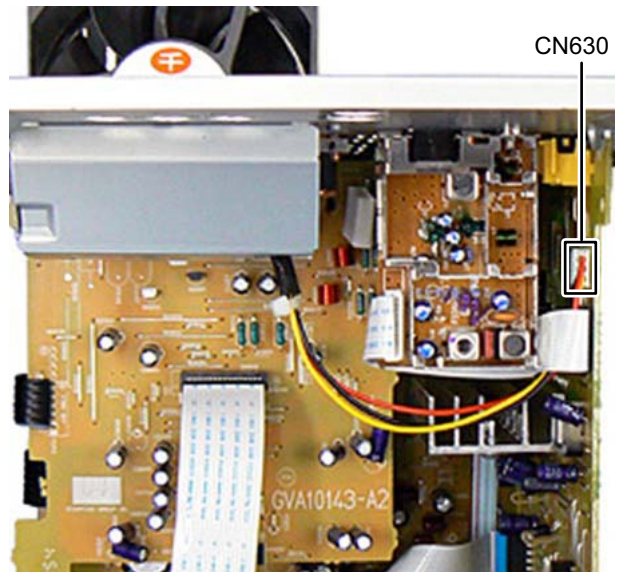


Fig.10

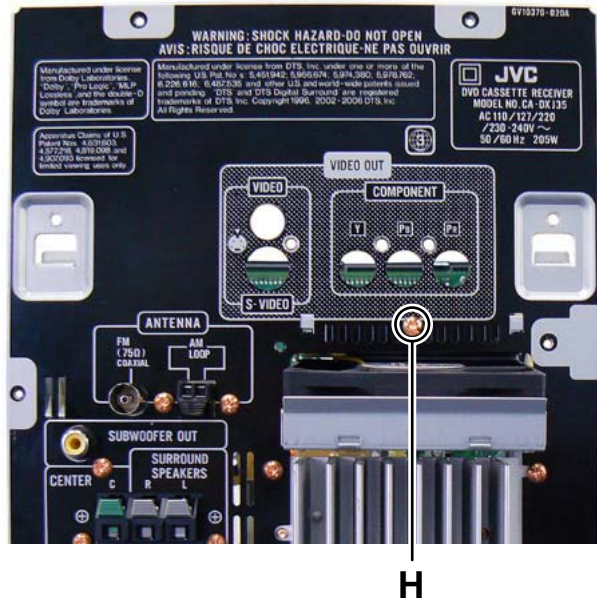


Fig.11

### 3.1.6 Removing the TUNER PACK (See Fig.12, 13)

- (1) Disconnect the card wire from TUNER PACK connected to connector [CN507](#) of the MICON BOARD assembly. (See Fig.12)
- (2) Remove the two screws **J** attaching the TUNER PACK. (See Fig.13)

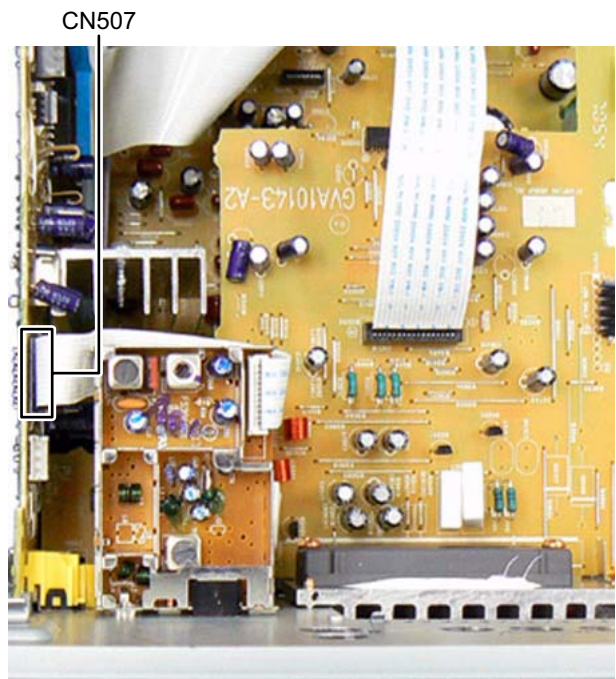


Fig.12

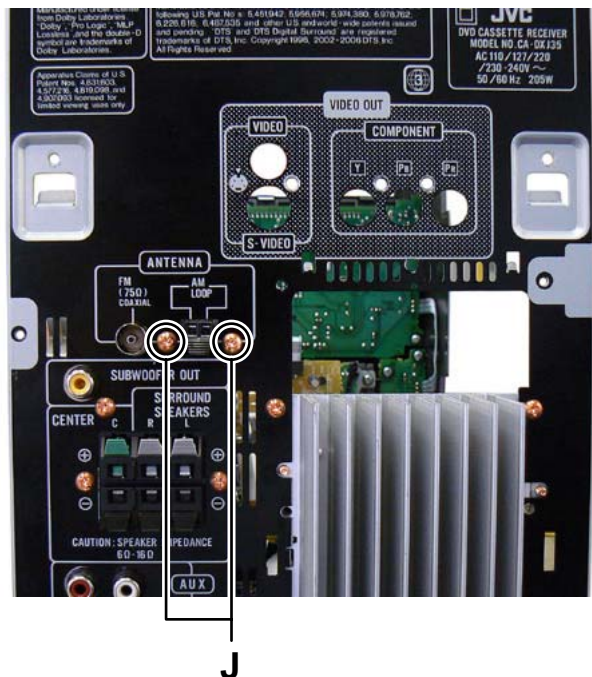


Fig.13

### 3.1.7 Removing the REAR PANEL (See Fig.14)

- (1) Remove the four screws **K** attaching the HEAT SINK.
- (2) Remove the nine screws **L** attaching the REAR PANEL.

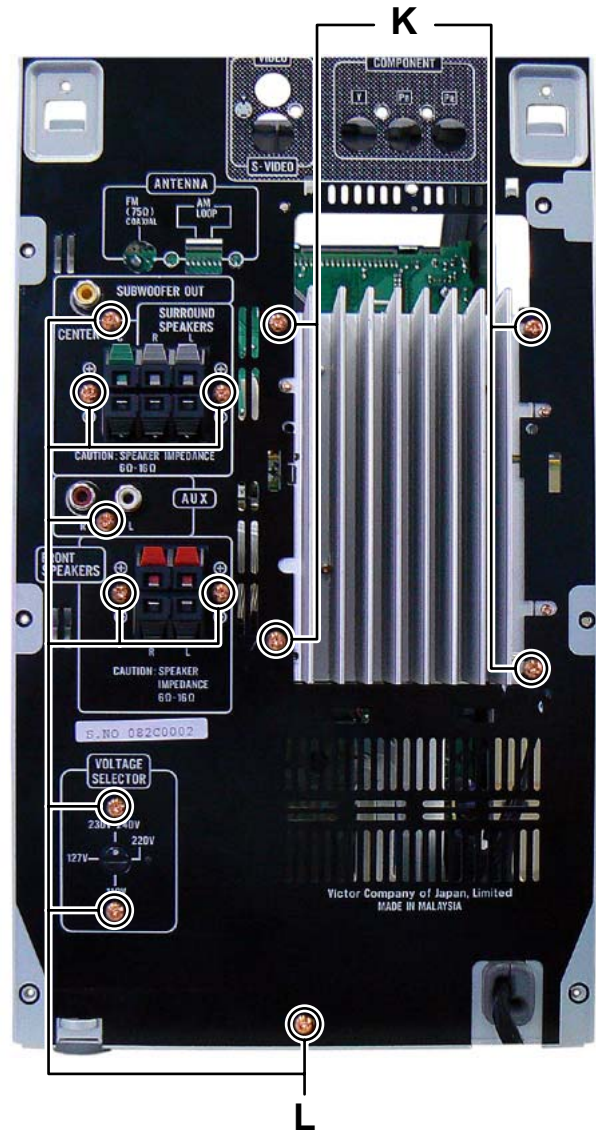


Fig.14



### 3.1.8 Removing the AMP and SURROUND BOARD assembly (See Fig.15, 16)

- (1) Disconnect the card wires from MICON BOARD assembly connected to connector [CN705](#) and [CN706](#) of the AMP BOARD assembly. (See Fig.15)
- (2) Disconnect the card wire from HEADPHONE BOARD assembly connected to connector [CN760](#) of the MICON BOARD assembly. (See Fig.15)
- (3) Disconnect the card wire from MIC BOARD assembly connected to connector [CN750](#) of the AMP BOARD assembly. (See Fig.16)
- (4) Disconnect the card wire from MICON BOARD connected to connector [CN700](#), [CN701](#) and [CN702](#) of the AMP BOARD assembly. (See Fig.16)
- (5) Disconnect the EARTH WIRE from BOTTOM CHASSIS connected post pin [PP702](#) of the AMP BOARD assembly. (See Fig.16)
- (6) Remove the one screw **M** attaching the AMP BOARD assembly. (See Fig.15)

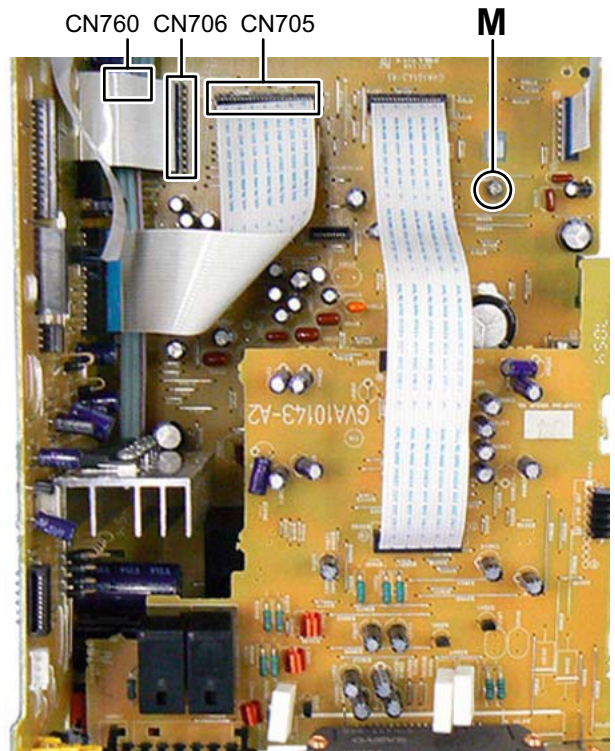


Fig.15

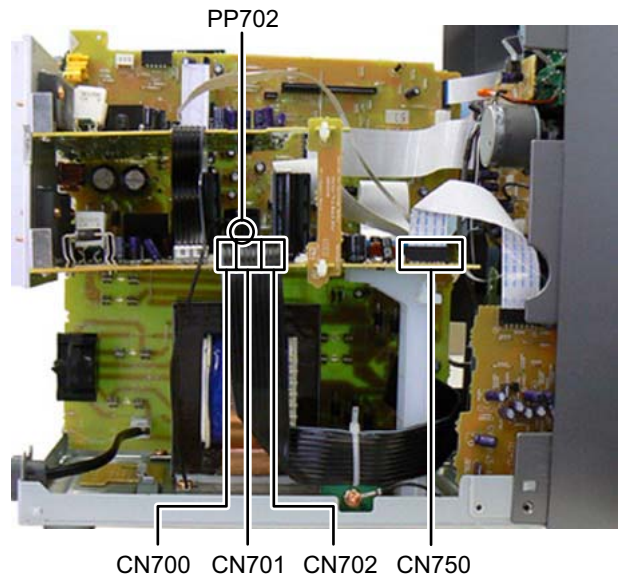


Fig.16

### 3.1.9 Removing the MICON BOARD assembly (See Fig.17)

- (1) Disconnect the power cord from connector [CN410](#) of the MICON BOARD assembly.
- (2) Disconnect the card wire from FL BOARD assembly connected to connector [CN500](#) of the MICON BOARD assembly.
- (3) Disconnect the card wire from CASSETTE MECHANISM BOARD assembly connected to connector [CN501](#) of the MICON BOARD assembly.
- (4) Disconnect the card wire from PLAY BOARD assembly connected to connector [CN430](#) of the MICON BOARD assembly.
- (5) Remove the POWER TRANSFORMER.

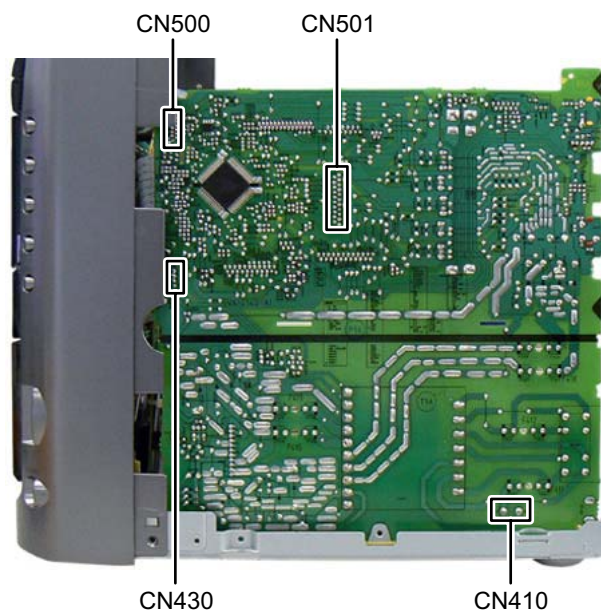


Fig.17

### 3.1.10 Removing the FRONT PANEL assembly (See Fig.18, 19)

- (1) Remove the one screw **N** attaching the EARTH WIRE from USB BOARD assembly. (See Fig.18)
- (2) Remove the one screw **P** attaching the EARTH WIRE from MIC BOARD assembly. (See Fig.19)
- (3) Disengage two hooks **b** engaged both side of FRONT PANEL assembly. (See Fig.19)

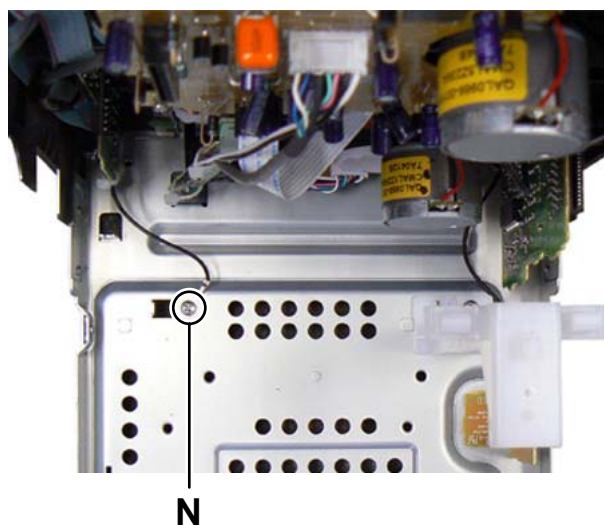


Fig.18

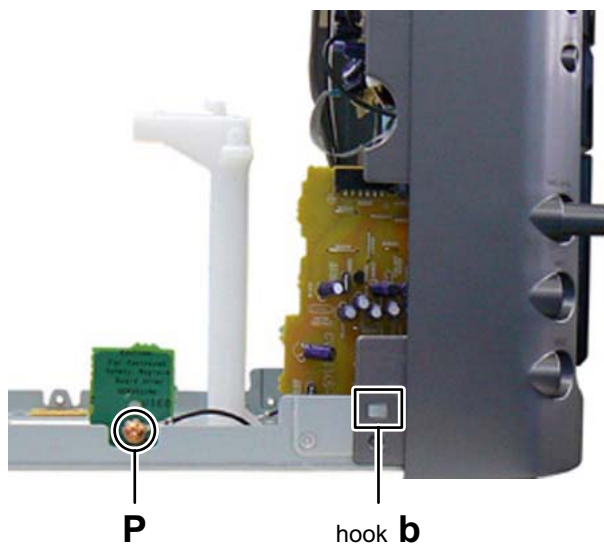


Fig.19

### 3.1.11 Removing the SURROUND BOARD assembly (See Fig.20 to 22)

- (1) Disconnect the card wire from SURROUND BOARD assembly connected to connector [CN711](#) and [CN712](#) of the AMP BOARD assembly. (See Fig.20)
- (2) Disconnect the card wire from AMP BOARD assembly connected to connector [CN310](#) of the SURROUND BOARD assembly. (See Fig.21)
- (3) Remove the one screw **Q** attaching the EARTH BRACKET. (See Fig.22)
- (4) Remove the two screws **R** attaching the POWER IC. (See Fig.22)

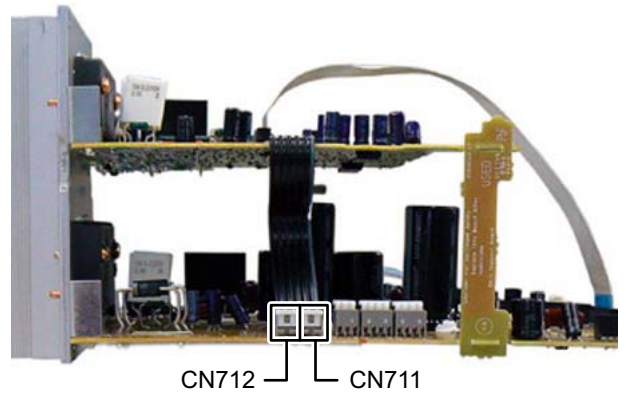


Fig.20

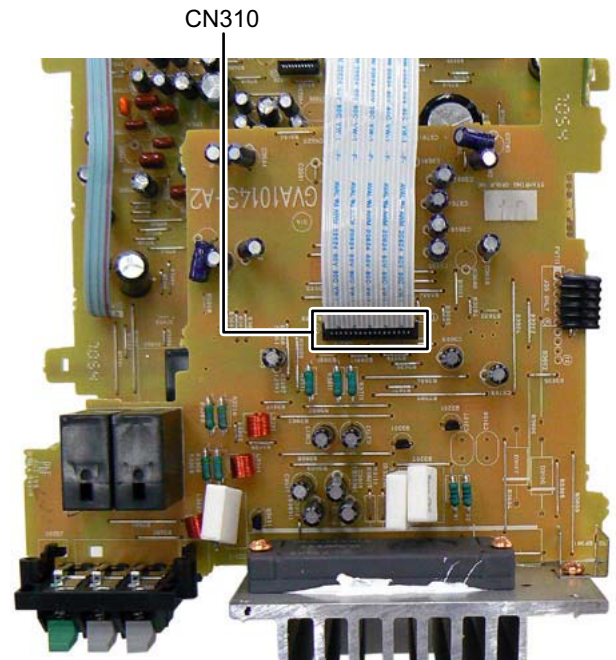


Fig.21

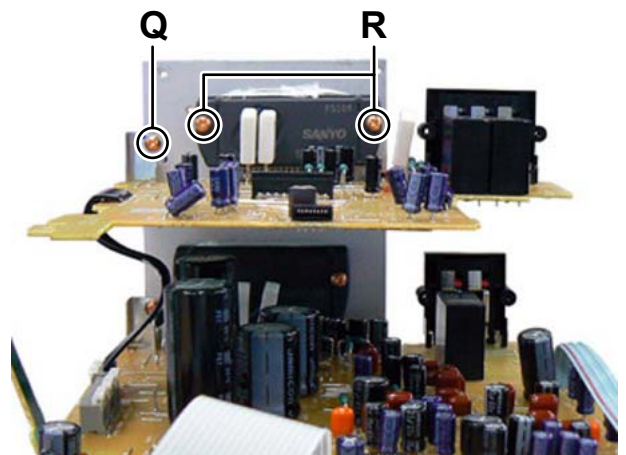


Fig.22



### 3.1.12 Removing the B CASSETTE MECHANISM assembly (See Fig.23, 24)

- (1) Disconnect the connector wire from B CASSETTE MECHANISM assembly connected to connector [CN200](#) of the A CASSETTE MECHANISM BOARD assembly. (See Fig.23)
- (2) Disconnect the card wire from B CASSETTE MECHANISM connected to connector [CN120](#) of the A CASSETTE MECHANISM BOARD assembly. (See Fig.23)
- (3) Remove the two screws **S** attaching the bracket board. (See Fig.23)
- (4) Remove the four screws **T** attaching the B CASSETTE MECHANISM assembly. (See Fig.24)

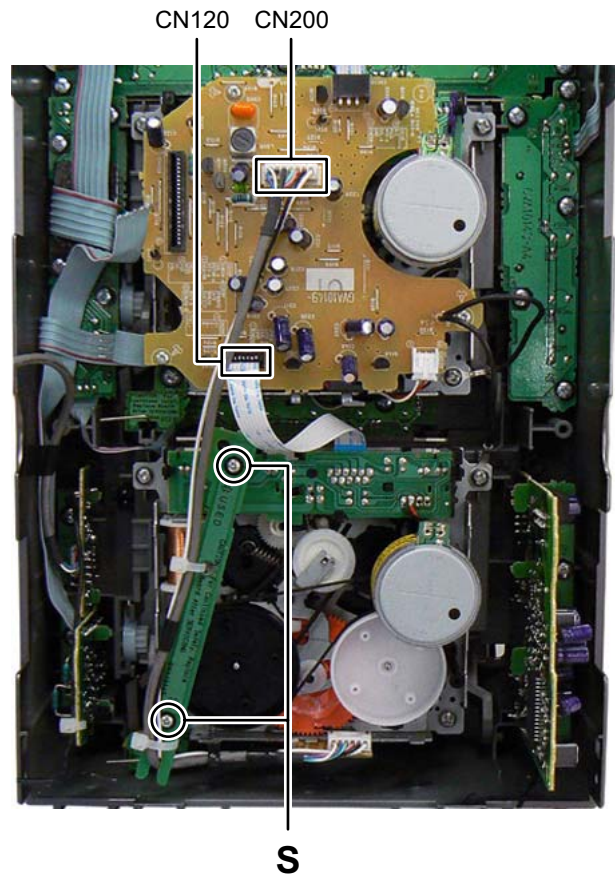


Fig.23

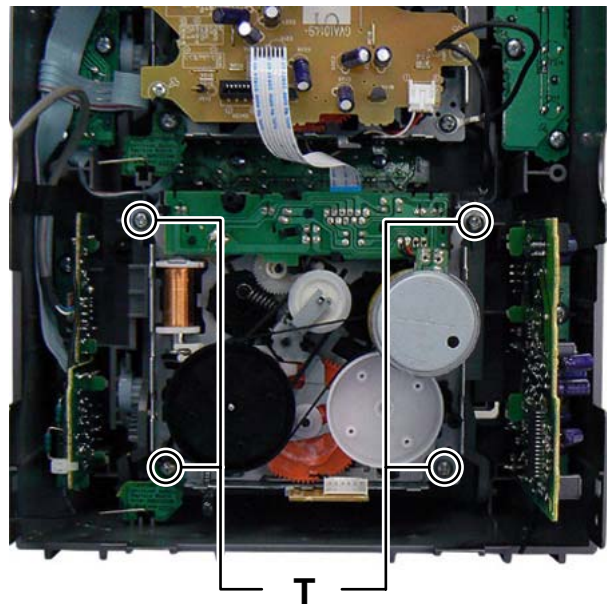


Fig.24



### 3.1.13 Removing the A CASSETTE MECHANISM assembly (See Fig.25)

- (1) Remove the four screws **U** attaching the A CASSETTE MECHANISM assembly.

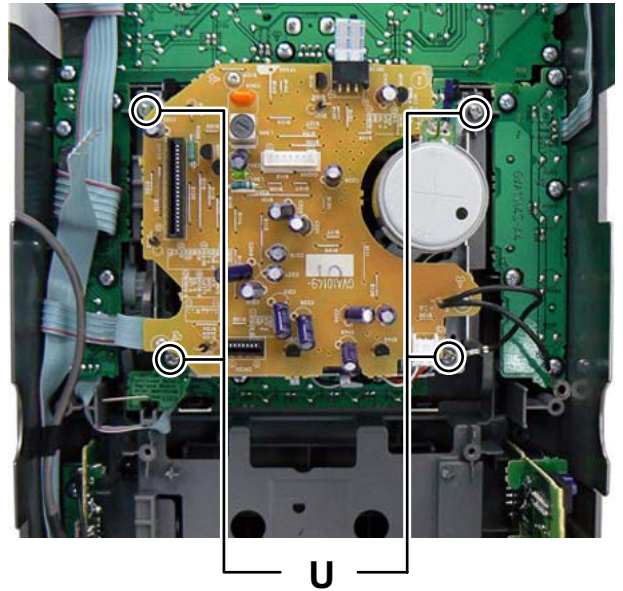


Fig.25

### 3.1.14 Removing the MIC BOARD assembly (See Fig.26)

- (1) Remove the volume knob.
- (2) Remove the two screws **V** attaching the MIC BOARD assembly.

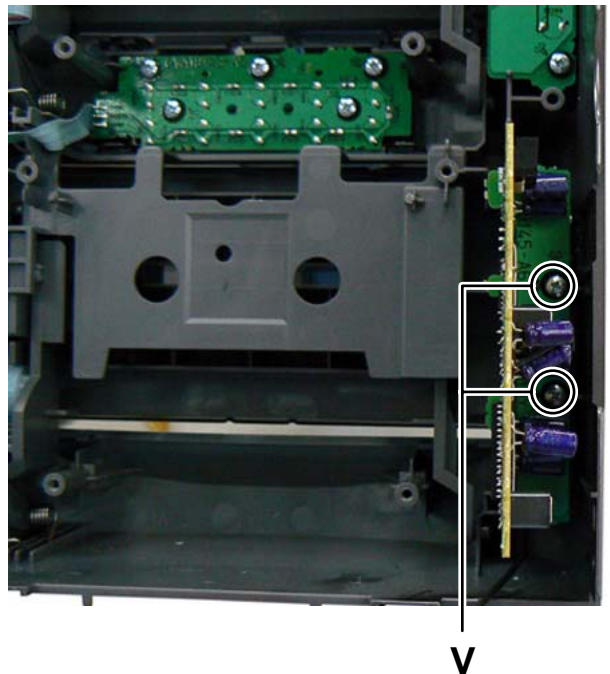


Fig.26

### 3.1.15 Removing the USB BOARD assembly (See Fig.27)

- (1) Remove the two screws **W** attaching the USB BOARD assembly.

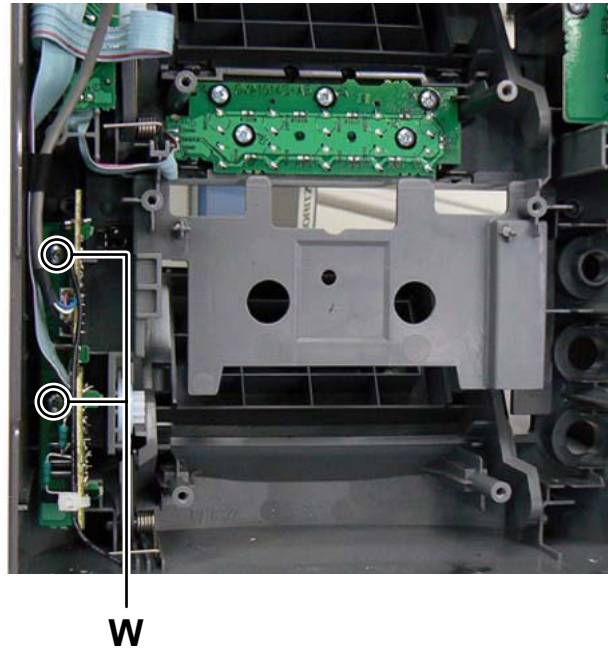


Fig.27

### 3.1.16 Removing the FRONT BOARD assembly (See Fig.28)

- (1) Remove the five screws **X** attaching the FUNCTION BOARD assembly.
- (2) Remove the five screws **Y** attaching the EJECT BOARD assembly.
- (3) Remove the five screws **Z** attaching the PLAY BOARD assembly.
- (4) Remove the seven screws **AA** attaching the FL BOARD assembly.

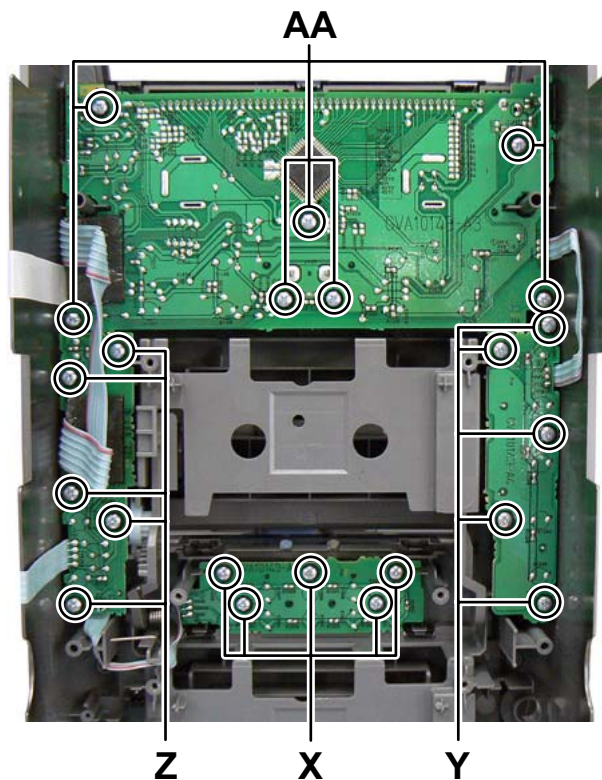


Fig.28

### 3.2 DVD changer mechanism assembly section

Remove the DVD changer mechanism assembly from the main body. (See "Removing the DVD changer mechanism assembly".)

#### 3.2.1 Removing the tray assemblies

(See Figs.1 to 5)

- (1) From the top side of the main body, remove the two screws **A** from the top cover and release the two joints **a** on the both sides of the DVD changer mechanism assembly. (See Figs.1 and 2.)
- (2) Remove the two rods from the top cover and remove the top cover from the lifter assembly. (See Figs.1 and 2.)
- (3) Remove the open det. lever on the left side of the DVD changer mechanism assembly. (See Fig.3.)
- (4) From the right side of the DVD changer mechanism assembly, draw out the tray assemblies toward the front while pushing the part **b** of the side (R) assembly. (See Figs.4 and 5.)

**Note:**

The tray can be locked if all tray assemblies are attached.

- (5) From the topside of the DVD changer mechanism assembly, move the stopper tabs **c** in the direction of the arrow and release them. Pull out the tray assemblies from the DVD changer mechanism assembly. (See Fig. 5.)

**Note:**

Remove the tray assembly from top tray 5 in order.

**Reference:**

When reattaching the tray assembly, or when removing the disc remaining inside, refer to another section "3.3.15 Taking out the disc in the play mode".

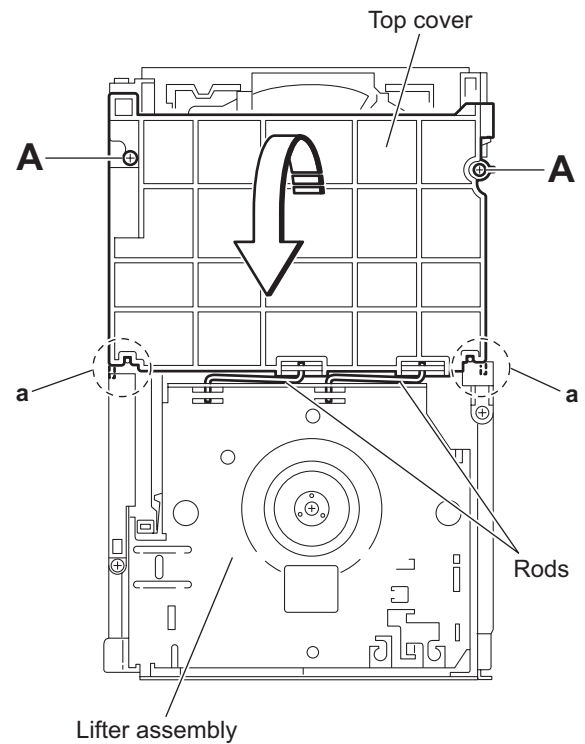


Fig.1

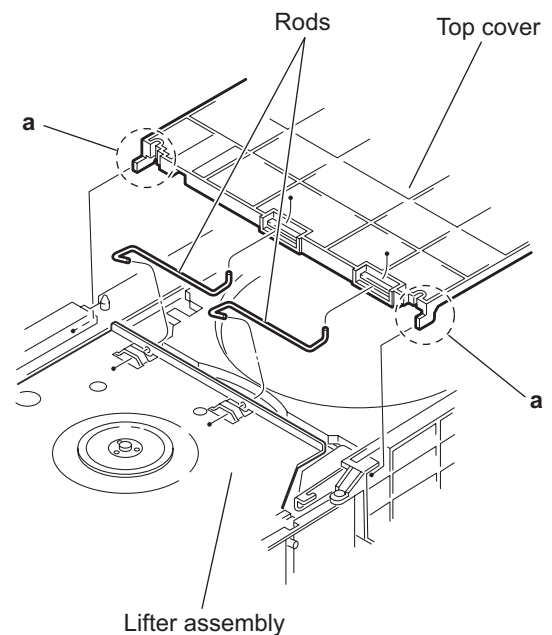


Fig.2

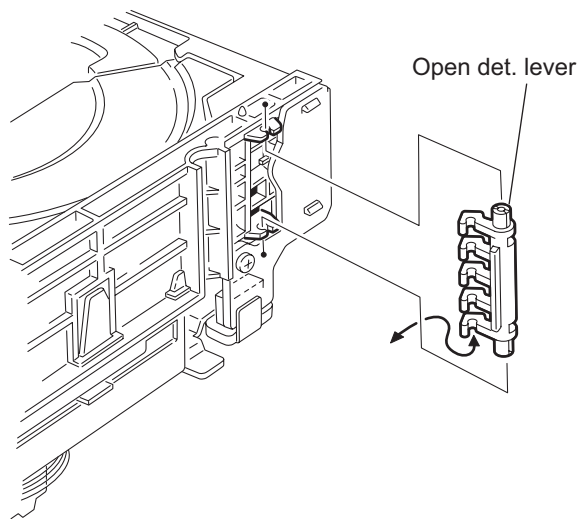


Fig.3

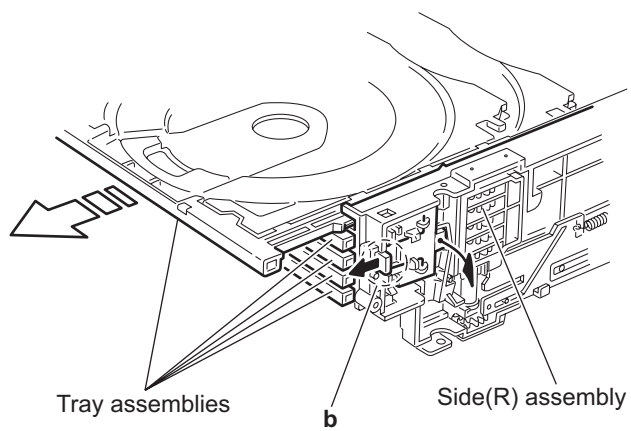


Fig.4

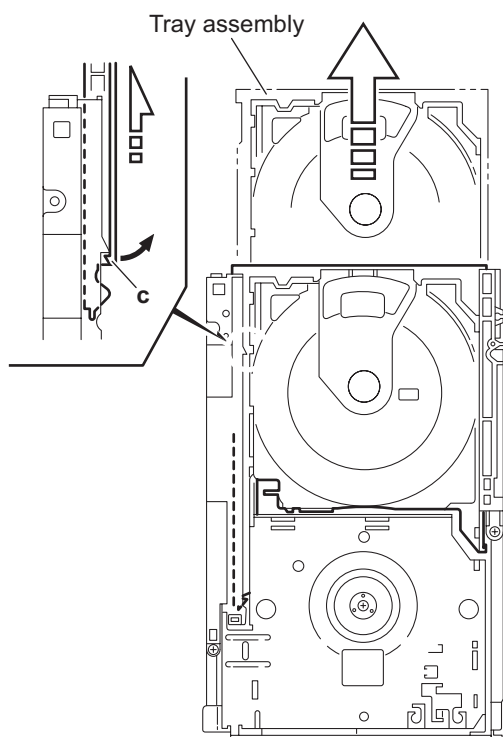


Fig.5

### 3.2.2 Removing the DVD servo board (See Figs.6 to 8)

#### Caution:

Solder the short land sections **d** on the DVD pickup before disconnecting the card wire extending from the DVD pickup. If you do not follow this instruction, the DVD pickup may be damaged.

- (1) From the topside of the DVD changer mechanism assembly, solder the short land sections **d** on the DVD pick up. (See Fig.6.)
- (2) From the bottom side of the DVD changer mechanism assembly, disconnect the card wire from the connectors ([CN201](#), [CN451](#)) on the DVD servo board. (See Fig.7.)

#### Reference:

When connecting the card wire to the connector [CN451](#), pass it through the sections **e** on the DVD traverse mechanism assembly. (See Fig.7.)

- (3) Disconnect the wires from the connectors ([CN452](#), [CN453](#)) on the DVD servo board. (See Fig.7.)
- (4) Remove the two screws **B** attaching the DVD servo board. (See Fig.7.)
- (5) From the reverse side of the DVD servo board, release the lock of the connector [CN101](#) in the direction of the arrow and disconnect the card wire. (See Fig.8.)

#### Caution:

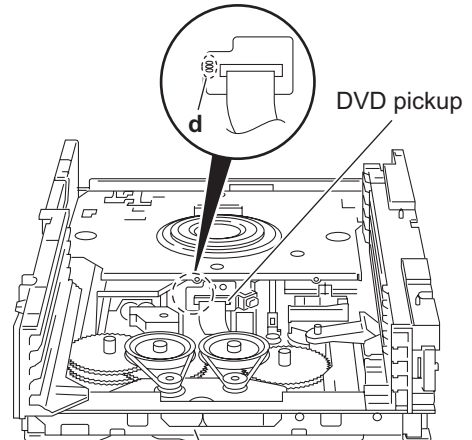
Unsolder the solders from the short land sections **d** after reassembling. (See Fig.6.)

### 3.2.3 Removing the switch board (See Fig.7)

- (1) From the bottom side of the DVD changer mechanism assembly, remove the screw **C** attaching the switch board on the DVD changer mechanism assembly.
- (2) Disconnect the wires from the connectors ([CN452](#), [CN453](#)) on the DVD servo board.
- (3) Release the wires from the section **f** and remove the switch board.
- (4) Release the wires from the sections **g** and remove the switch board.

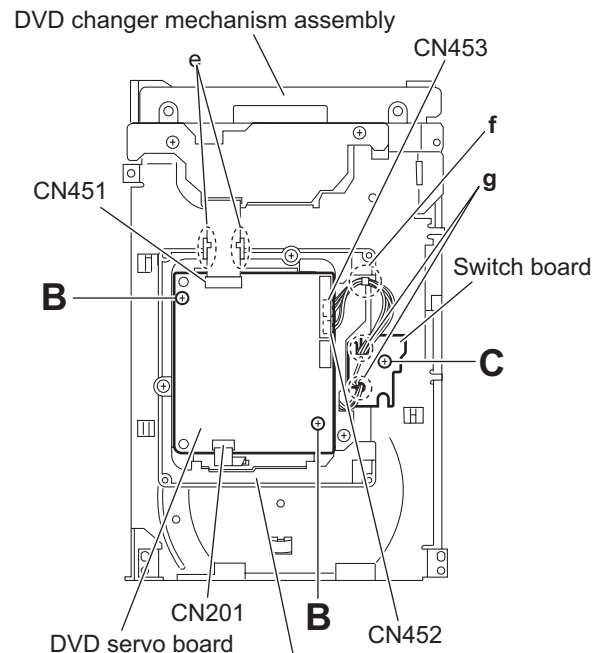
#### Reference:

When reassembling, pass the wires through the sections (**f**, **g**) as before.



DVD changer mechanism assembly

Fig.6



DVD servo board

Fig.7

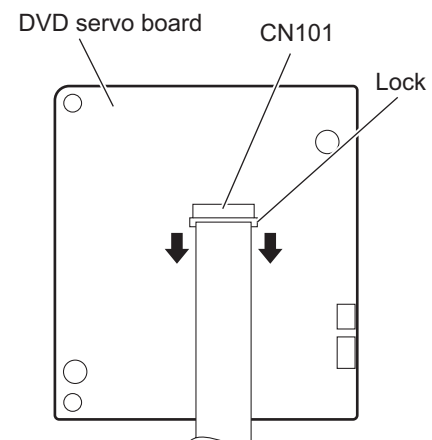


Fig.8

### 3.2.4 Removing the motor board (See Figs.9 and 10)

- (1) From the top side of the DVD changer mechanism assembly, remove the two belts from the motor pulleys. (See Fig.9.)

**Note:**

Take care not to attach grease on the belt.

- (2) Remove the two screws **D** attaching the motors to the loader assembly. (See Fig.9.)
- (3) From the bottom side of the DVD changer mechanism assembly, remove the two screws **E**. (See Fig.10.)
- (4) Disconnect the connector **CN2** on the motor board from the tray switch board and remove the motor board. (See Fig.10.)
- (5) Disconnect the card wire from the connector **CN1** on the forward side of the motor board. (See Fig.10.)

**Note:**

When connecting the card wire, let the card wire through the slots **h** of the motor board. (See Fig.10.)

**Reference:**

You need not to remove the tray assemblies, and in such case, move it.

### 3.2.5 Removing the motor (See Fig. 10)

- Remove the motor board.

- (1) From the reverse side of the motor board, unsolder the four soldered sections **i** on the motor board.
- (2) From the forward side of the motor board, remove the motors.

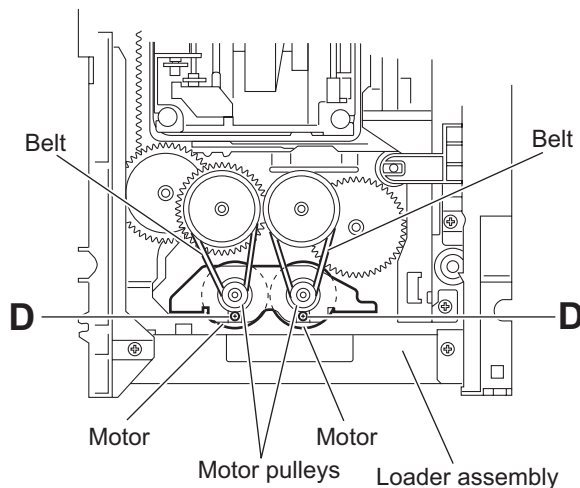


Fig.9

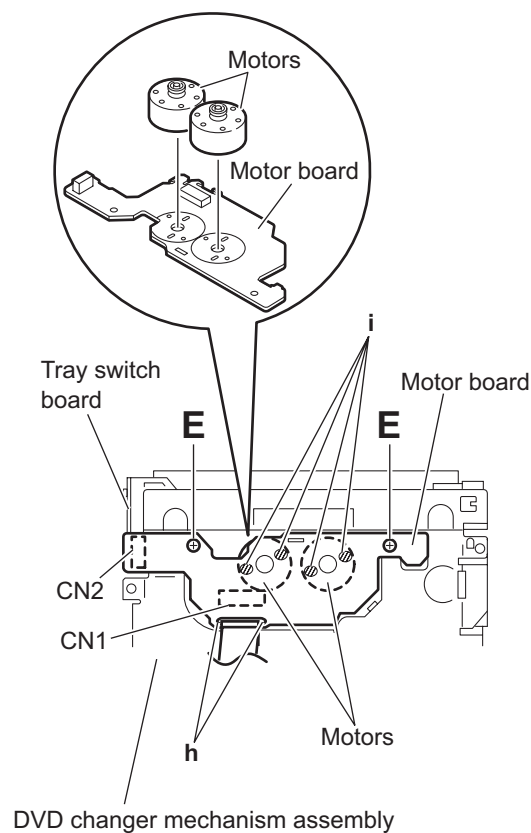


Fig.10



### 3.2.6 Removing the DVD traverse mechanism assembly (See Fig.11)

- Remove the tray assemblies and DVD servo board.
  - (1) From the bottom side of the DVD changer mechanism assembly, remove the three screws **F** attaching the DVD traverse mechanism assembly.
  - (2) Remove the wires from the section **j**.
  - (3) Take out the DVD traverse mechanism assembly from the DVD changer mechanism assembly.

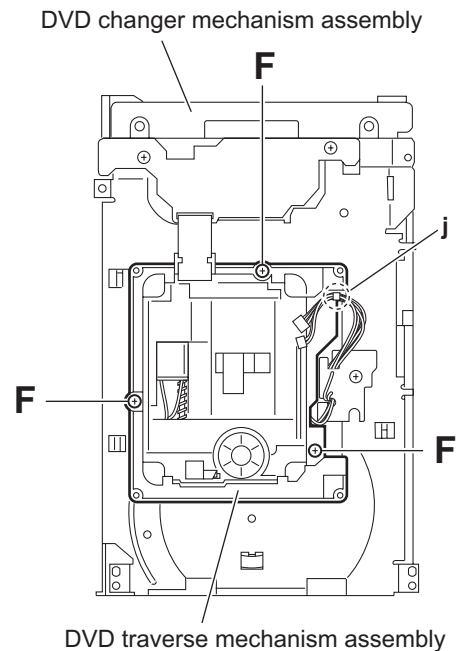


Fig.11

### 3.2.7 Removing the DVD pickup (See Figs.12 to 14)

- Remove the tray assemblies, DVD servo board and DVD traverse mechanism assembly.
  - (1) From the top side of the DVD traverse mechanism assembly, release the lock of the connector on the DVD pickup and disconnect the card wire in the direction of the arrow. (See Fig.12.)
  - (2) Turn the screw shaft gear in the direction of the arrow 1 to move the DVD pickup in the direction of the arrow 2. (See Fig.12.)
  - (3) Remove the screw **G** attaching the feed bracket and remove the feed bracket from the sections **k**. (See Fig.12.)
  - (4) Release the claw **m** of the thrust spring in the direction of the arrow and remove the thrust spring. (See Fig.12.)
  - (5) Remove the guide shaft from the sections (**n**, **p**) on the C.TM chassis. (See Fig.13.)
  - (6) Remove the section **q** of the DVD pickup. (See Fig.13.)
  - (7) Remove the two screws **H** attaching the rack arm spring and rack arm. (See Fig.14.)
  - (8) Pull the guide shaft from the DVD pickup in the direction of the arrow. (See Fig.14.)

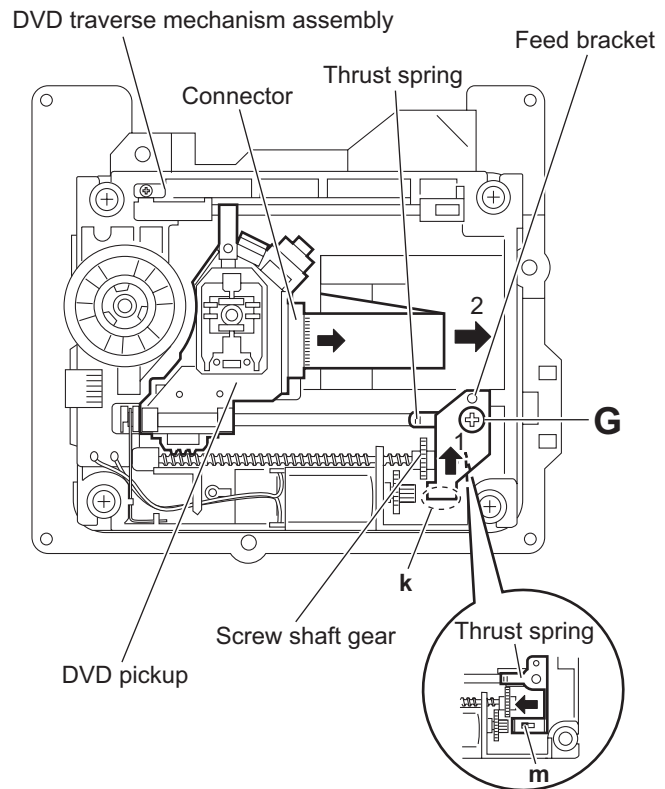


Fig.12

### 3.2.8 Attaching the DVD pickup (See Figs.12 to 14)

- (1) Attach the guide shaft to the DVD pickup and attach the rack arm spring and rack arm with the screws **H**. (See Fig.14.)
- (2) Attach the section **q** of the DVD pickup to the C.TM chassis first and attach the guide shaft to the sections (**n**, **p**). (See Fig.13.)

#### Reference:

When attaching the guide shaft to the section **p**, attach it under the rod spring. (See Fig.13.)

- (3) Attach the thrust spring and feed bracket with the screw **G**. (See Fig.12.)
- (4) Turn the screw shaft gear in the direction of the arrow 1 to move the DVD pickup in the direction of the arrow 2. (See Fig.15.)
- (5) Connect the card wire to the connector on the DVD pickup. (See Fig.15.)

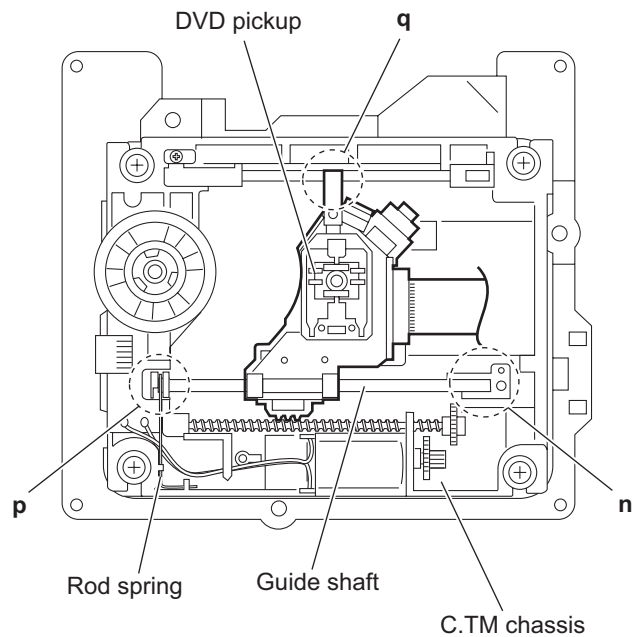


Fig.13



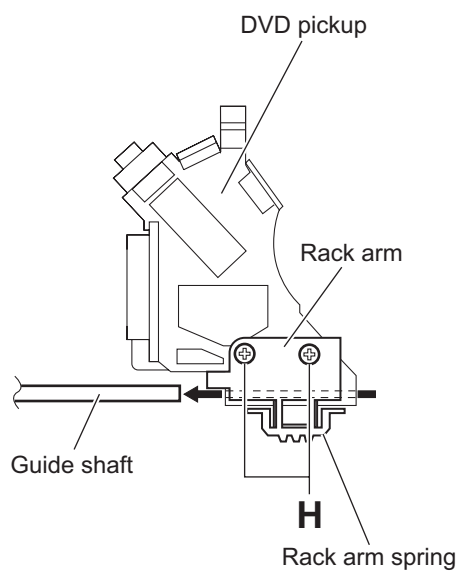


Fig.14

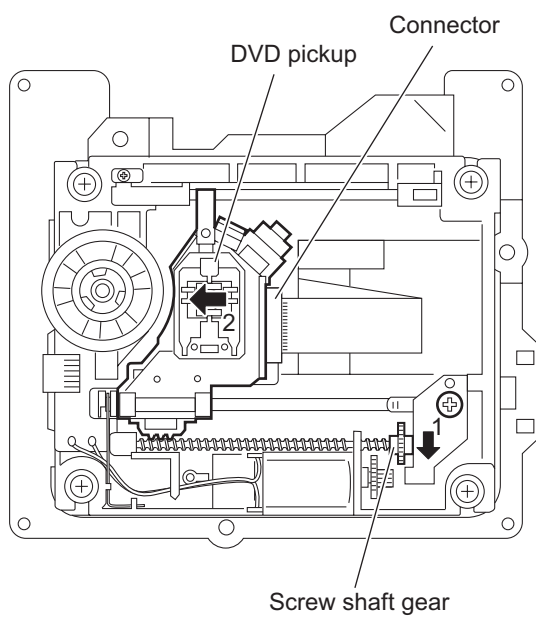


Fig.15

### 3.2.9 Removing the spindle motor board (See Figs.16 and 17)

- Remove the tray assemblies, DVD servo board and DVD traverse mechanism assembly.
  - (1) From the top side of the DVD traverse mechanism assembly, remove the wires from the soldered sections **r** on the spindle motor board. (See Fig.16.)
  - (2) From the bottom side of the DVD traverse mechanism assembly, remove the three screws **J** attaching the spindle motor board. (See Fig.17.)

#### Reference:

When attaching the spindle motor board, let the card wire through the hole **s** on the C.TM chassis. (See Fig.17.)

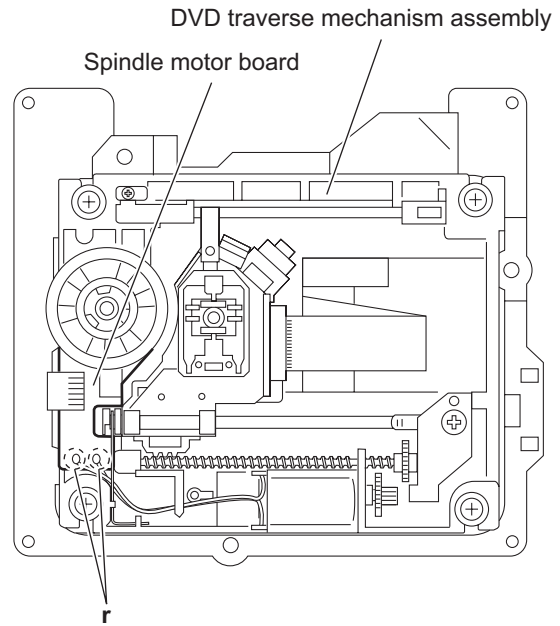


Fig.16

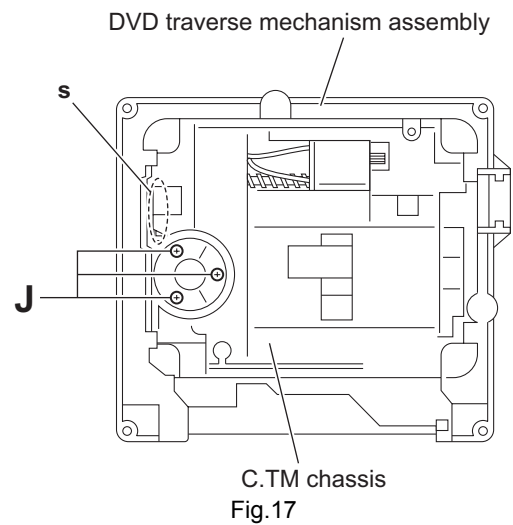


Fig.17

### 3.2.10 Removing the feed motor

(See Figs.18 and 19)

- Remove the tray assemblies and DVD traverse mechanism assembly.
- (1) From the top side of the DVD traverse mechanism assembly, remove the screw **K** attaching the feed bracket and remove the feed bracket from the sections **t**. (See Fig.18.)
- (2) Release the claw **u** of the thrust spring in the direction of the arrow and remove the thrust spring. (See Fig.18.)
- (3) Remove the screw shaft from the section **v** and remove it in the direction of the arrow. (See Fig.19.)
- (4) Remove the middle gear. (See Fig.19.)
- (5) Remove the screw **L** attaching the feed motor to the C.TM chassis. (See Fig.19.)
- (6) Remove the wires from the soldered sections **w** on the spindle motor board. (See Fig.19.)
- (7) Take out the feed motor from the motor base.

#### Reference:

After attaching the feed motor, pass the wires through the sections **x** on the C.TM chassis as before. (See Fig.19.)

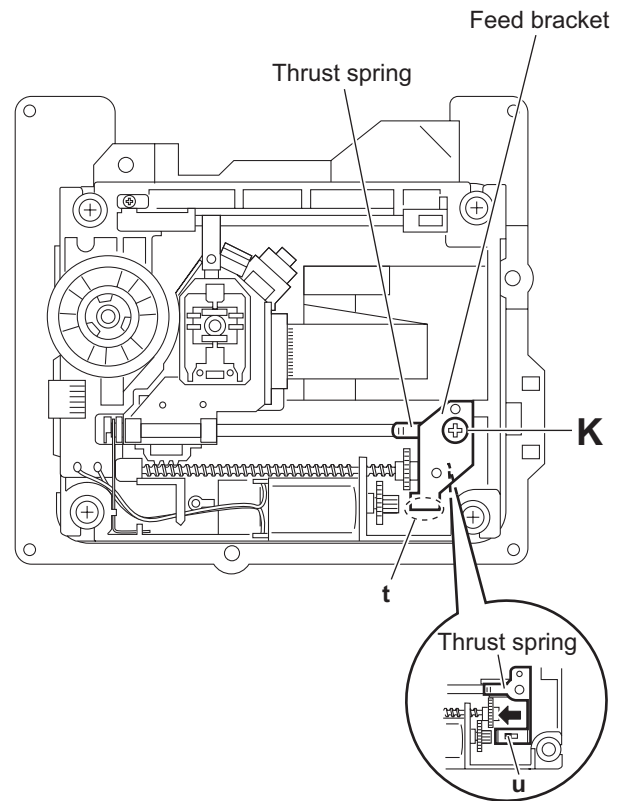


Fig.18

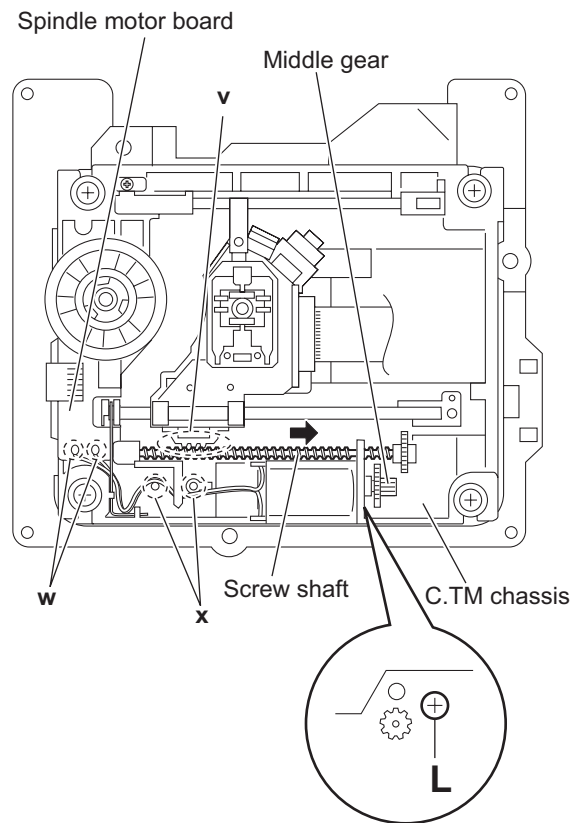
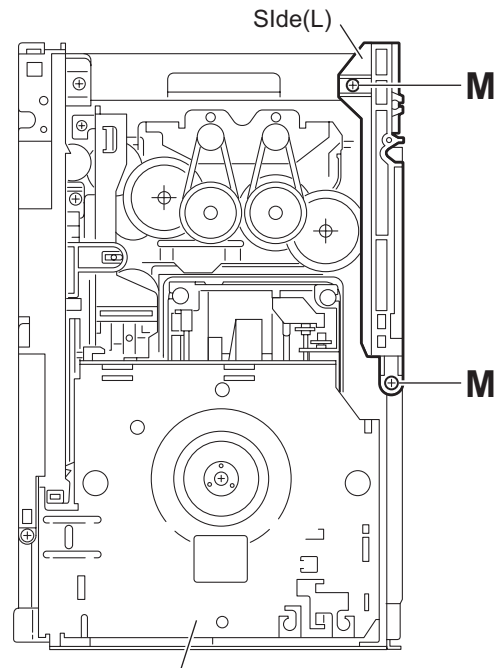


Fig.19

### 3.2.11 Removing the side (L) and tray switch board (See Figs.20 to 22)

- Remove the tray assemblies.

- (1) From the topside of the DVD changer mechanism assembly, remove the two screws **M** attaching the side (L). (See Fig.20.)
- (2) From the left side of the DVD changer mechanism assembly, disconnect the connector **CN3** on the tray switch board from the motor board and detach the side (L) in an upward direction. (See Fig.21.)
- (3) Remove the screw **N** attaching the tray switch board to the side (L). (See Fig.22.)
- (4) Release the joint tab **y** of the side (L) in the direction of the arrow 1 and release the joint tab **z** while removing the tray switch board in the direction of the arrow 2. (See Fig.22.)



DVD changer mechanism assembly  
Fig.20

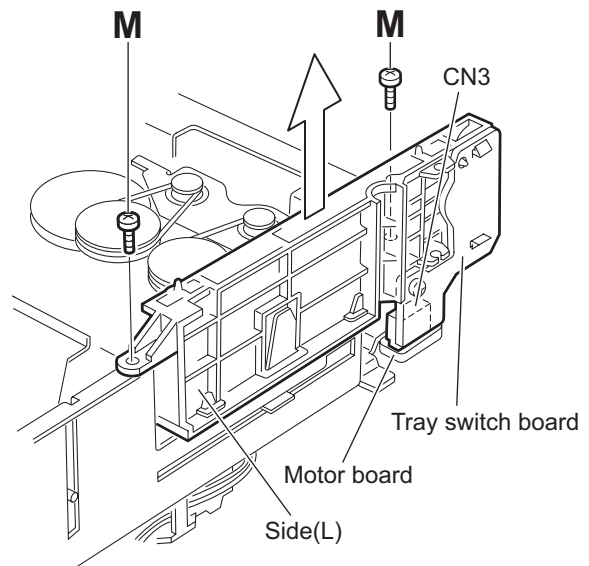


Fig.21

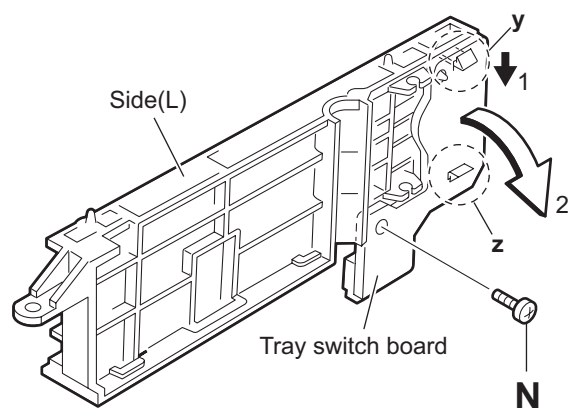


Fig.22

### 3.2.12 Removing the side (R) assembly (See Fig.23 to 27)

- Remove the tray assemblies and DVD servo board.
  - (1) From the inside of the side (R) assembly, release the two tabs **aa** of the gear cover and remove the gear cover outward. (See Figs.23 and 24.)
  - (2) From the right side of the DVD changer mechanism assembly, remove the elevator spring attached to the hook **ab** of the loader assembly. (See Figs.24 and 25.)
  - (3) From the top side of the DVD changer mechanism assembly, turn the gear 1 clockwise to move the elevator cam rearward. (See Fig.25.)
  - (4) Move the two slots **ac** and joint **ad** of the elevator cam and remove the elevator cam outward. (See Fig.25.)
  - (5) Remove the three screws **P** and detaches the side (R) assembly upward. (See Figs.26 and 27.)

#### Note:

When reattaching the side (R) assembly, make sure to fit the shaft (part **ae**) into the slot of the select lever. (See Fig.26.)

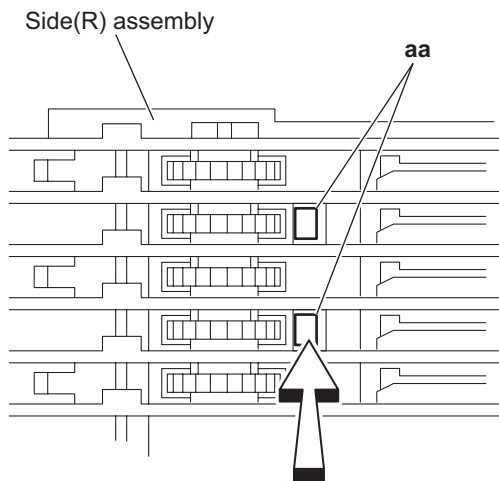


Fig.23

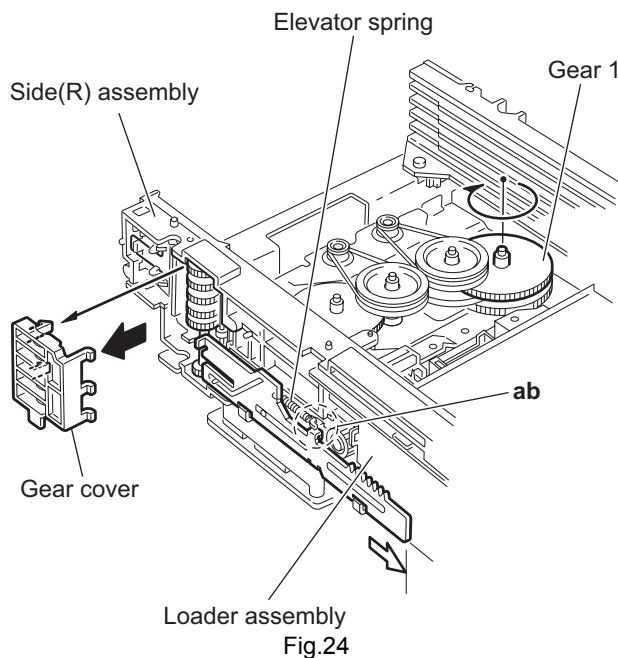


Fig.24

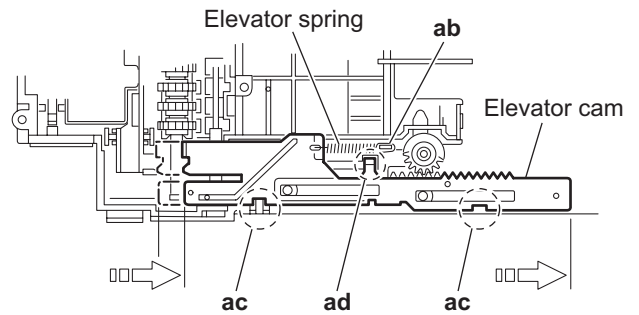


Fig.25

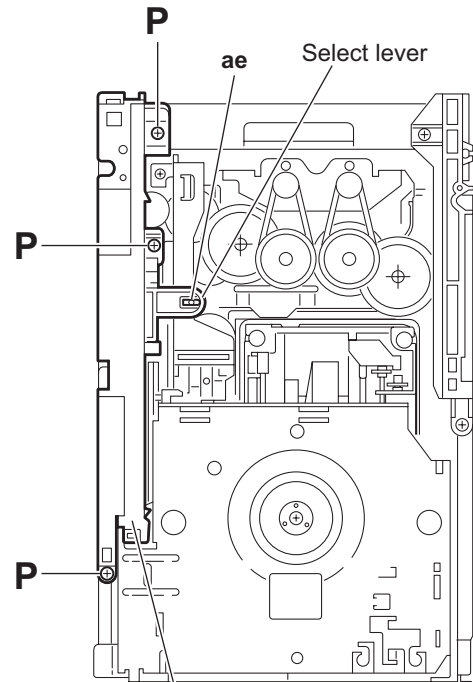


Fig.26

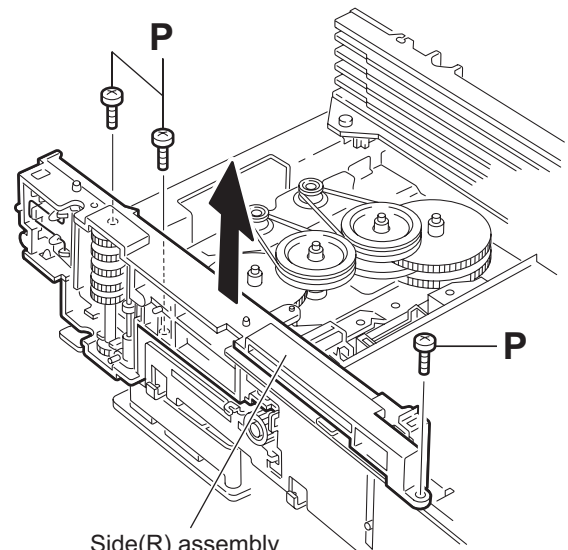
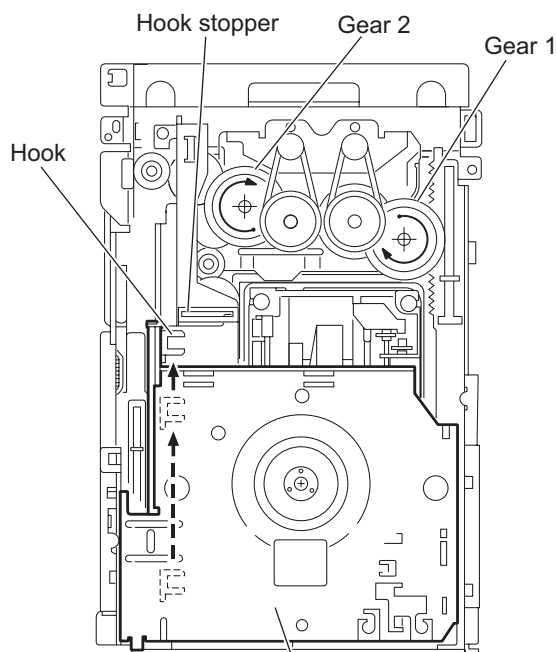


Fig.27

### 3.2.13 Removing the lifter assembly (See Figs.28 to 32)

- Remove the tray assemblies, DVD servo board, side (L) and side (R) assembly.

- (1) From the top side of the DVD changer mechanism assembly, turn the gear 1 clockwise to move the lifter assembly upward. (See Figs.28 and 29.)
- (2) Turn the gear 2 clockwise to move the hook toward the front until it stops. (See Figs.28 and 29.)
- (3) Move the hook stopper in the direction of the arrow 2 while pushing the tab **af** of the hook stopper to unlock it in the direction of the arrow 1 and release four joints **ag** to detach from the rack holder. (See Fig.30.)
- (4) Release the rod (L) from part **ah**. (See Fig.30.)
- (5) Turn the gear 1 clockwise again to move the lifter assembly upward. (See Fig.31.)
- (6) Remove the lifter assembly from the DVD changer mechanism assembly upward at the positions **ai** where the four pins on the both sides of the lifter assembly fit to the notches of the loader assembly. (See Fig.31.)
- (7) Move the lifter assembly in the direction of the arrow and release it from the hook. (See Fig.32.)



Lifter assembly  
Fig.28

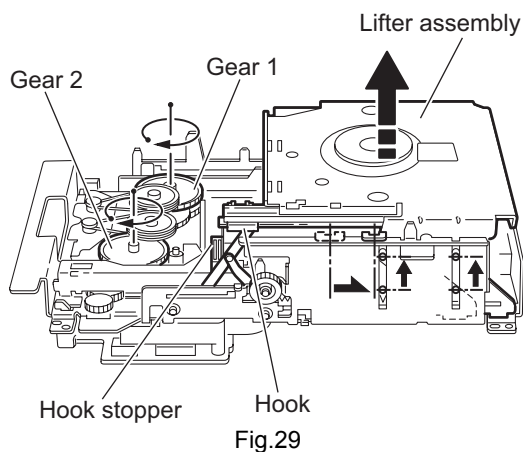


Fig.29

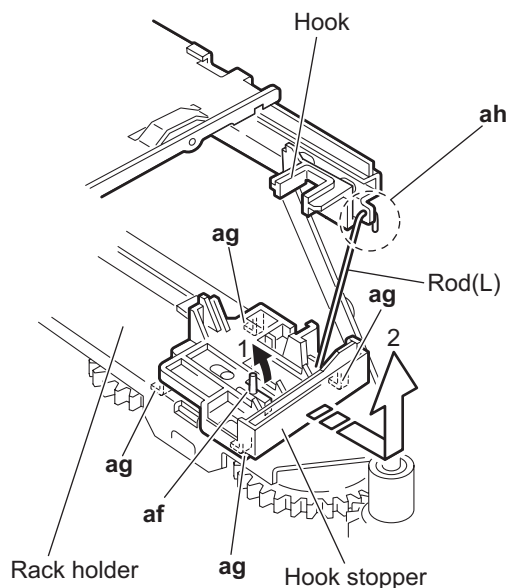


Fig.30

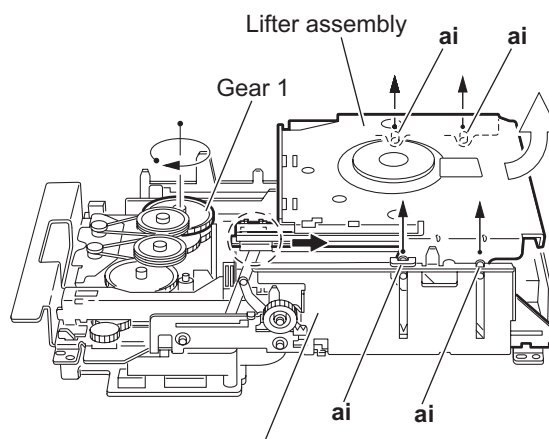


Fig.31

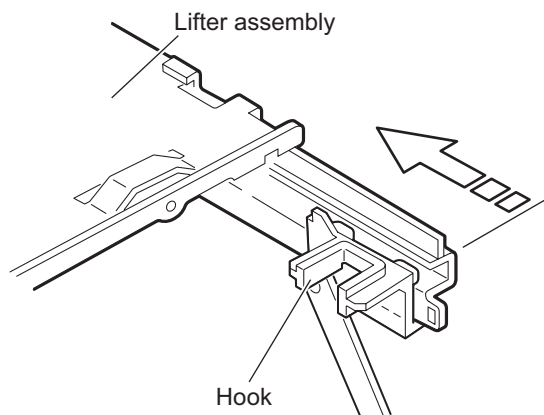


Fig.32

### 3.2.14 Removing the sensor board and SV resistor (See Fig.33)

- Remove the tray assemblies, side (L), side (R) assembly and lifter assembly.
  - Remove the solders from the soldered sections **aj** on the sensor board and remove the wires.
  - Remove the two screws **Q** and take out the sensor board with the SV resistor.

#### Reference:

- Remove the soldered section **ap** on the sensor board as required.
- When reassembling, pass the wires through the slot **ak** of the sensor board as before.

#### Note:

When reattaching the SV. resistor, fit the projection **am** on the bottom of the SV. resistor into slot **an** of the sensor slider.

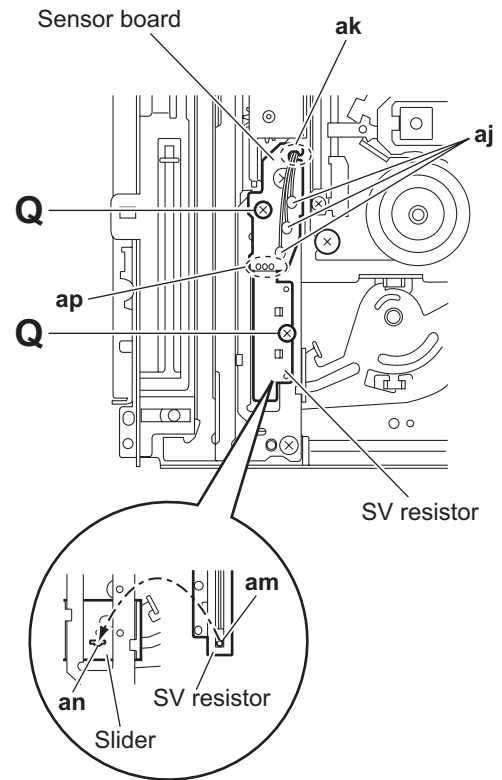


Fig.33

### 3.2.15 Taking out the disc in the play mode (See Fig.34 to 37)

#### Reference:

Refer to "Removing the tray assemblies".

- (1) From the top side of the DVD changer mechanism assembly, remove the top cover.
- (2) Unlock the tray assemblies and draw out the tray assemblies toward the front.
- (3) From the top side of the DVD changer mechanism assembly, turn the gear 1 clockwise to move the lifter assembly upward. (See Fig.34.)
- (4) Turn the gear 2 clockwise to move the sub tray remaining inside the lifter assembly toward the front, then pull out.
- (5) Take out the disc on the sub tray. (See Fig.35.)
- (6) After clearing away the disc, insert the sub tray into the main tray. (See Fig.36.)

#### Note:

When reattaching the sub tray, move the tray stopper on the bottom of the main tray in the direction of the arrow to lock the sub tray certainly. (See Figs.36 and 37.)

- (7) Push the tray assembly toward the DVD changer mechanism assembly and reattach.

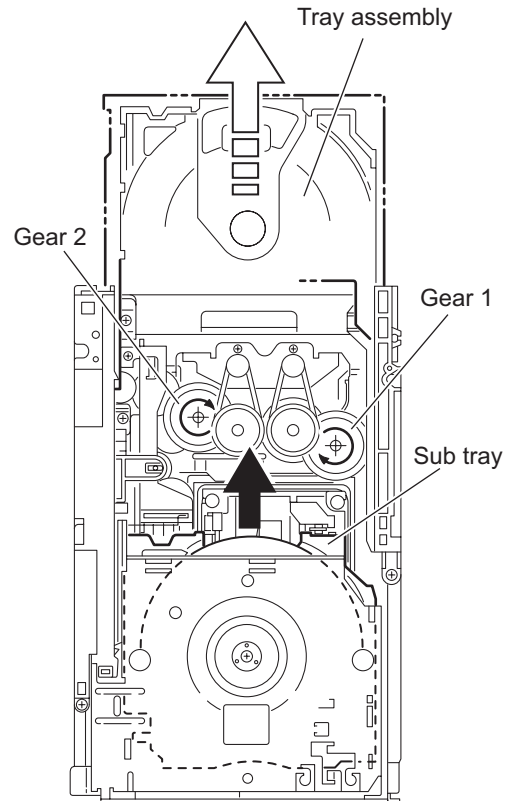


Fig.34

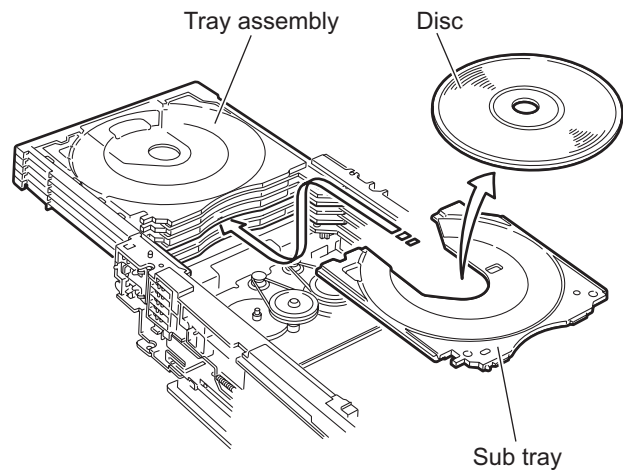


Fig.35



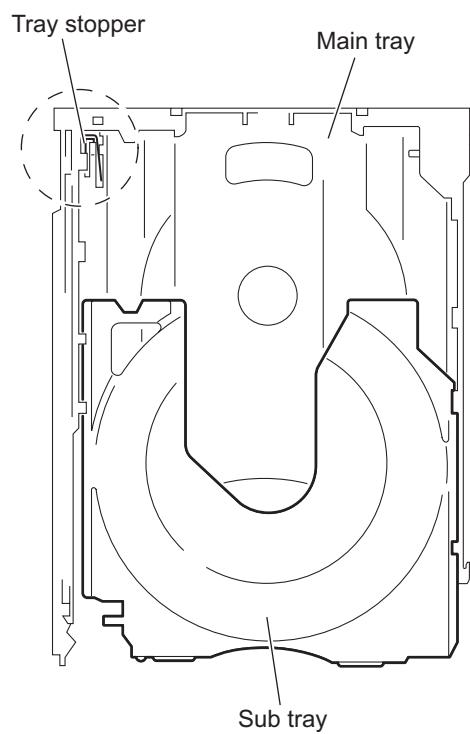


Fig.36

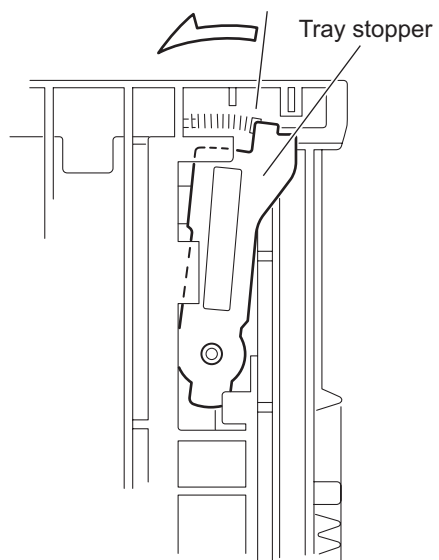


Fig.37

## SECTION 4 ADJUSTMENT

### 4.1 Attention in service of DVD section

- (1) When pickup, Flash ROM, DVD module board were changed, initialize EEPROM by all means.
- (2) When full initialization was executed, execute learning with a DVD test disk by all means.  
Test disc : VT-501, VT-502  
Learning method : It is adjusted automatically by normal playback of a DVD test disc.

### 4.2 TO ENTER DVD TEST MODE

- a) AC Power OFF.
- b) Press and hold STOP + DVD PLAY keys on the front panel. Then AC power ON while holding these keys.
- c) DVD Mecha will start in TEST MODE. The following will be display on the set.  
xx = Destination information as follows; JC/1U/D/E/2U/3U/UB/UT/4U/UY/EE/UF  
y = region number  
v = study state information from MECHA-CON

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| T | x | x | y | v | w |
|---|---|---|---|---|---|


w = initialization state from MECHA-CON

| 'v' Status        | 0      | 1    | 2              | 3 |
|-------------------|--------|------|----------------|---|
| DVD Learned       | Y      | N    | Y              | N |
| 'CD Learned       | Y      | Y    | N              | N |
| 'w' Status        | 0      | 3    | BLANK(0xFF)    |   |
| Initialize Status | Normal | Full | Not Initialize |   |

### 4.3 TO EXIT DVD TEST MODE

During TEST MODE, press POWER key.

### 4.4 DVD MODULE EEPROM INITIALIZATION

| No | STEP                       | NORMAL INITIALIZE   | FULL INITIALIZE                                       |
|----|----------------------------|---|---|
| 1) | During DVD TEST MODE       | Press  key on front panel. | Press STOP key on front panel and hold for 4 seconds. |
| 2) | System display -> w status | w = 0 (Normal initialize)   | w = 3 (Full initialize)                               |

### 4.5 DEVICE KEY CHECKSUM DISPLAY

- a) During TEST MODE, press MENU key on remocon to enter DEVICE KEY CHECKSUM display for DVD-AUDIO (CPPM).

(KEY INDEX)  
(DEVICE KEY INFO)  
(DEVICE KEY CHECKSUM)

- b) System will display as follows.

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| C | P | P | M | x | x | x | x |
|---|---|---|---|---|---|---|---|

- c) Press MENU again to enter DEVICE KEY CHECKSUM display for DVD-VR MODE (CPRM).

(KEY INDEX)  
(DEVICE KEY INFO)  
(DEVICE KEY CHECKSUM)

- d) System will display as follows.

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| C | P | R | M | x | x | x | x |
|---|---|---|---|---|---|---|---|

## 4.6 DVD CHECK MODES

a) Press MENU key again to enter CHECK MODE.

(TEST MODE, MODE STATUS, CHECK MODE)

i) During CHECK mode, press '1' key on REMOTE CONTROL to START PLAYBACK.

|   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|--|--|
| C | H | E | C | K |   |   |   |  |  |
| P | L | A | Y | B | A | C | K |  |  |

ii) During CHECK mode, press '2' key on REMOTE CONTROL to perform SEARCH TNO+1  
(2 seconds)

Status: AA 00 cc cc jj jj

|   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|--|--|
| W | O | B | B | L | E |   |   |  |  |
| c | c | c | c | j | j | j | j |  |  |

iii) During CHECK mode, press '3' key on REMOTE CONTROL to perform SEARCH TNO-1

|   |   |   |   |   |  |  |  |  |  |
|---|---|---|---|---|--|--|--|--|--|
| C | H | E | C | K |  |  |  |  |  |
|---|---|---|---|---|--|--|--|--|--|

iv) During CHECK mode, press '4' key on REMOTE CONTROL to light up CD\_LD and display CD laser current.  
(2 seconds)  
(Static)

|   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|--|--|
| C | D | L | D |   | L | S | R |  |  |
| c | c | c | c | j | j | j | j |  |  |

v) During CHECK mode, press '5' key on REMOTE CONTROL to light up DVD\_LD and display DVD laser current.  
(2 seconds)  
(Static)

|   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|--|--|
| D | V | D | L | D | L | S | R |  |  |
| c | c | c | c | j | j | j | j |  |  |

vi) During CHECK mode, press '6' key on REMOTE CONTROL to enter DVD x 2 JITTER MEASUREMENT MODE.  
(2 seconds)  
(Static)

|   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|--|--|
| J | I | T | X | 1 |   |   |   |  |  |
| c | c | c | c | j | j | j | j |  |  |

vii) During CHECK mode, press '7' key on REMOTE CONTROL to view DVD module EEPROM content in -1 address step.  
(2 seconds)  
(Static)

|   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|--|--|
| E | E | P |   | B | W | D |   |  |  |
| c | c | c | c | j | j | j | j |  |  |

viii) During CHECK mode, press '8' key on REMOTE CONTROL to view DVD module EEPROM content in +1 address step.  
(2 seconds)  
(Static)

|   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|--|--|
| E | E | P |   | F | W | D |   |  |  |
| c | c | c | c | j | j | j | j |  |  |

ix) During CHECK mode, press '9' key on REMOTE CONTROL to perform TEMPERATURE SENSOR VALUE.  
(2 seconds)  
(Static)

|   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|--|--|
| T | E | M | P |   |   |   |   |  |  |
| c | c | c | c | j | j | j | j |  |  |

x) During CHECK mode, press '10' key on REMOTE CONTROL to perform SEARCH DVD\_DL PARALLEL DISC DESIGNATED POSITION and JITTER MEASUREMENT  
(2 seconds)  
(Static)

|   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|--|--|
| D | V | D | - | D | L |   |   |  |  |
| c | c | c | c | j | j | j | j |  |  |

xi) During CHECK mode, press '0' key on REMOTE CONTROL to perform monitor output.  
(2 seconds)  
(Static)

|   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|--|--|
| M | O | N | I | T | O | R |   |  |  |
| c | c | c | c | j | j | j | j |  |  |

xii) During CHECK mode, press '+10' key to INITIALIZE DVD module EEPROM.

|   |   |   |   |  |  |  |  |  |  |
|---|---|---|---|--|--|--|--|--|--|
| I | N | I | T |  |  |  |  |  |  |
|---|---|---|---|--|--|--|--|--|--|

xiii) During CHECK mode, press PLAY key on REMOTE CONTROL to start PLAYING and obtain LASER CURRENT and JITTER value.  
(2 seconds)  
(Static)

|   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|--|--|
| L | S | R |   | J | I | T |   |  |  |
| c | c | c | c | j | j | j | j |  |  |

xiv) During CHECK mode, press STOP key on REMOTE CONTROL to stop JITTER measurement.  
(Static)

|   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|--|--|
| c | c | c | c | j | j | j | j |  |  |
|---|---|---|---|---|---|---|---|--|--|

b) During CHECK mode, at any time press MENU key to exit CHECK mode and return to starting screen of DVD TEST MODE.

## **SECTION 5**

### **TROUBLESHOOTING**

This service manual does not describe TROUBLESHOOTING.





# JVC

Victor company of Japan, Limited  
Audio/Video Systems category 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB620)



Printed in Japan  
VPT



# JVC

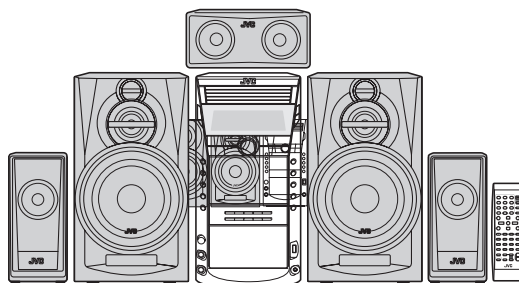
## SCHEMATIC DIAGRAMS

### COMPACT COMPONENT SYSTEM

# DX-J35EE, DX-J35UX, DX-J35UG DX-J35UN, DX-J20EE, DX-J20UW DX-J10EE

CD-ROM No.SML200707

SP-DXJ35C



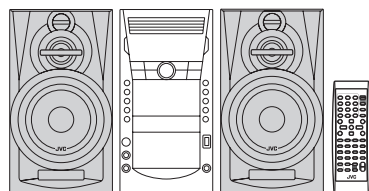
SP-DXJ35S SP-DXJ35F CA-DXJ35 SP-DXJ35F SP-DXJ35S



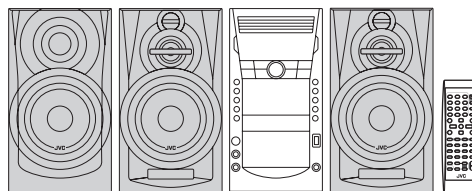
MP3/WMA/WAV



Digital Direct Progressive Scan



SP-DXJ10 CA-DXJ10 SP-DXJ10



SP-DXJ20W SP-DXJ20F CA-DXJ20 SP-DXJ20F



MP3/WMA/WAV



Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

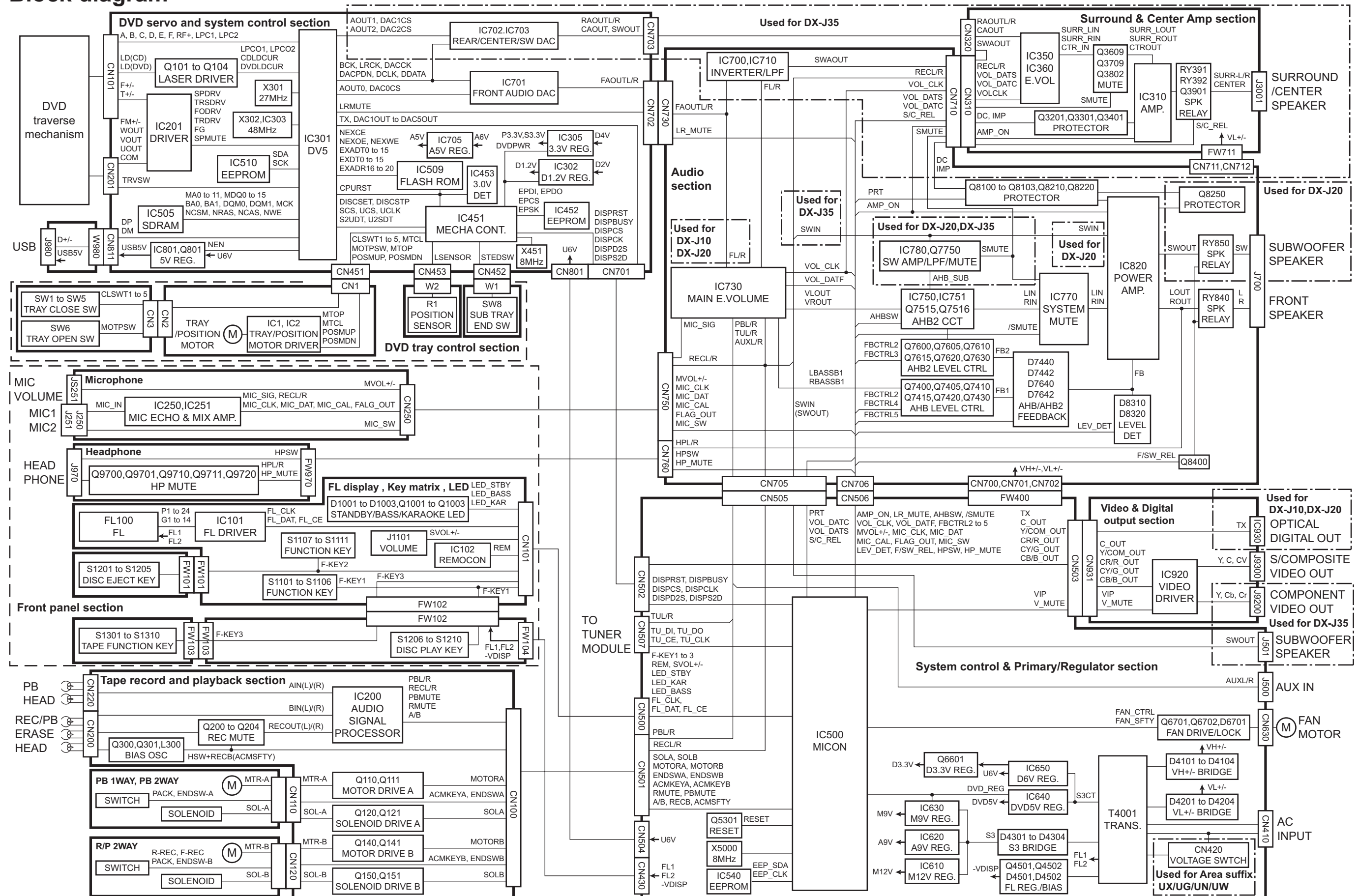
Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)

### Contents

|                                   |            |
|-----------------------------------|------------|
| Block diagrams .....              | 2-1        |
| Standard schematic diagrams ..... | 2-2        |
| Printed circuit boards .....      | 2-17 to 20 |

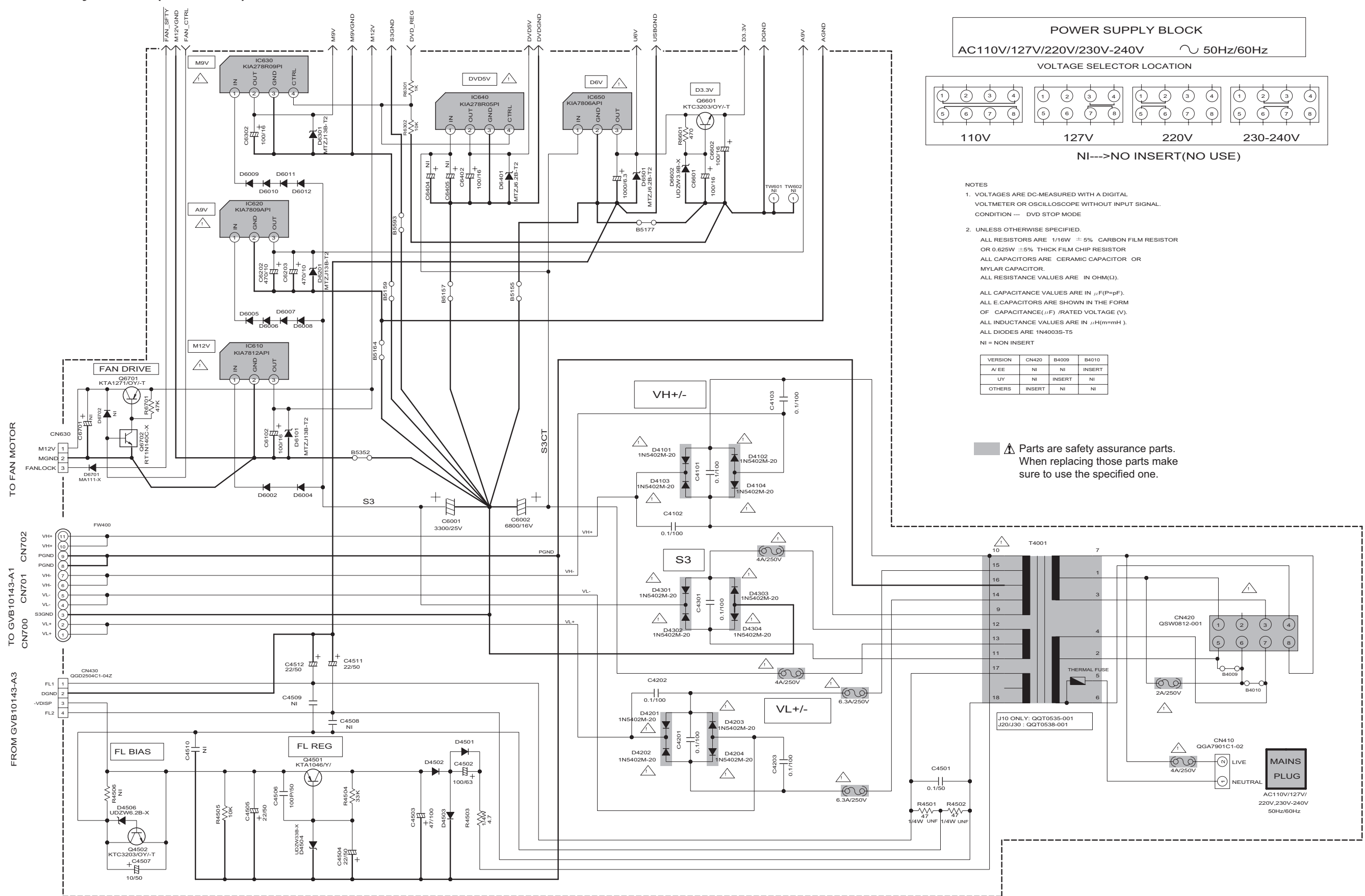
In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (■), diode (▬) and ICP (●) or identified by the "A" mark nearby are critical for safety.

## Block diagram

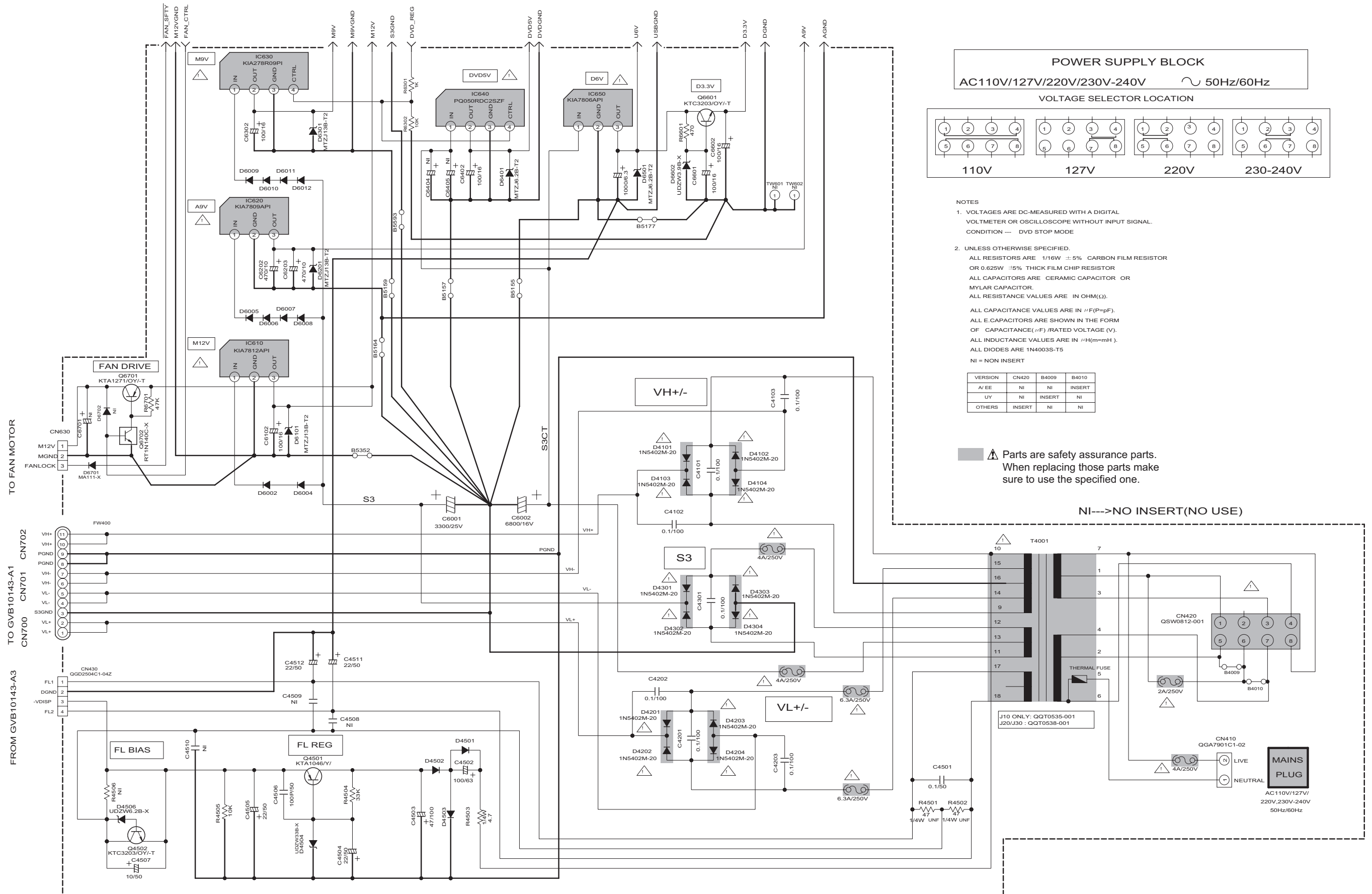


# Standard schematic diagrams

## ■ Primary section (for DX-J35)

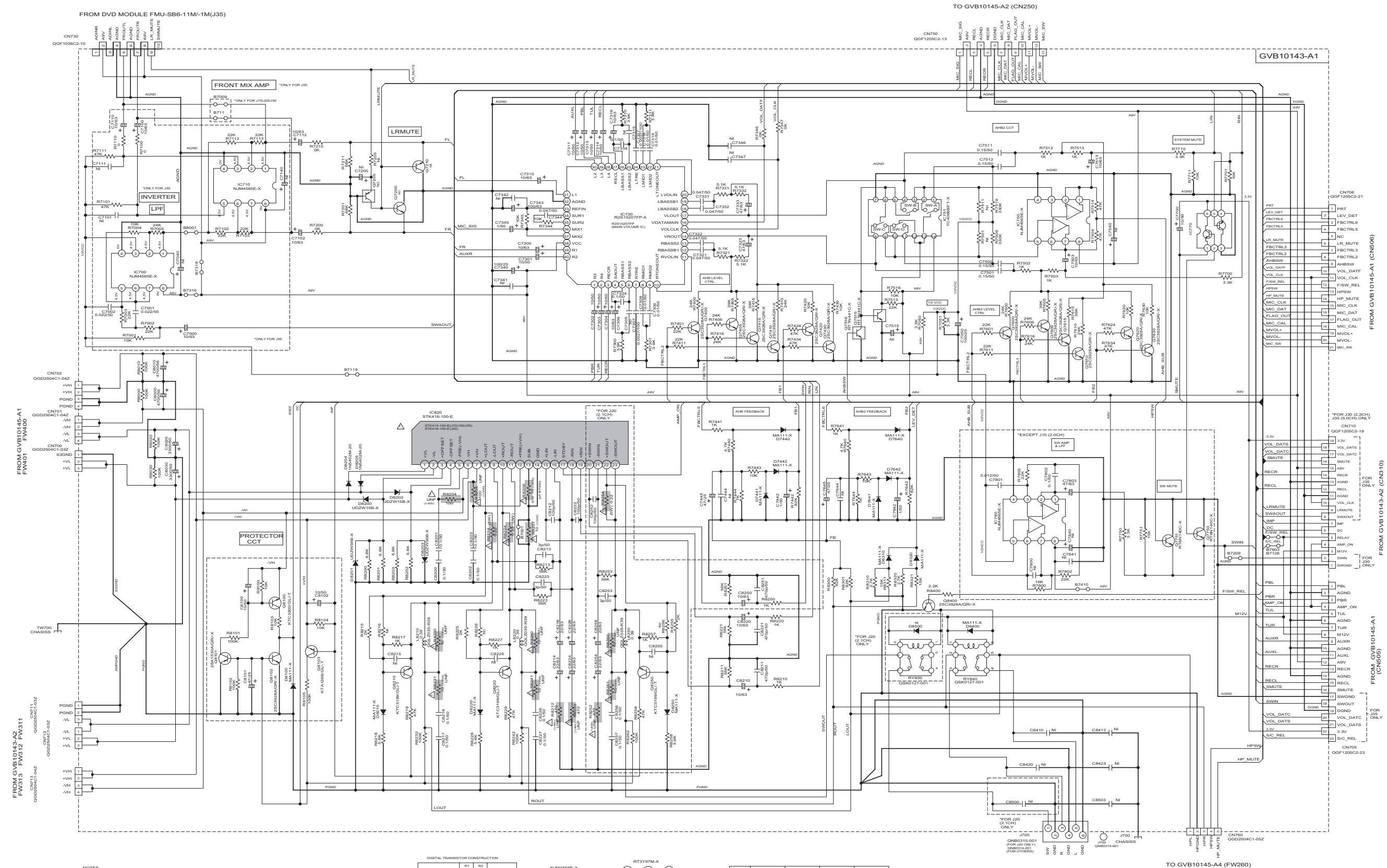


■ **Primary section (except DX-J35)**



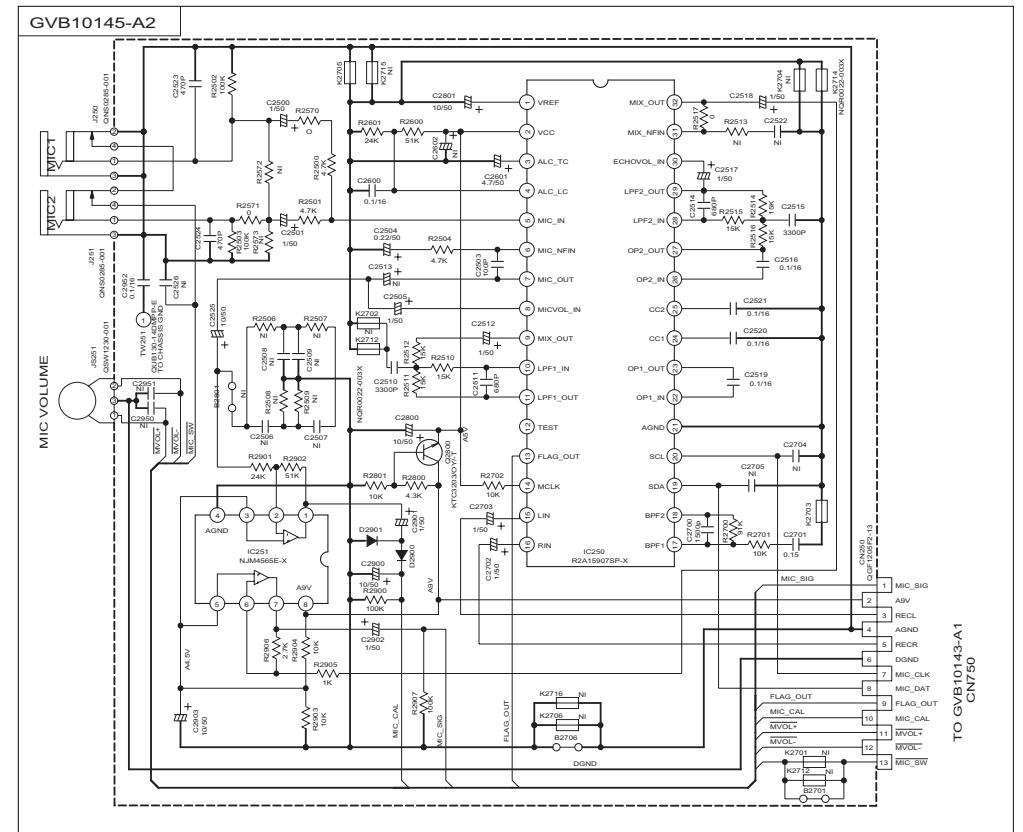
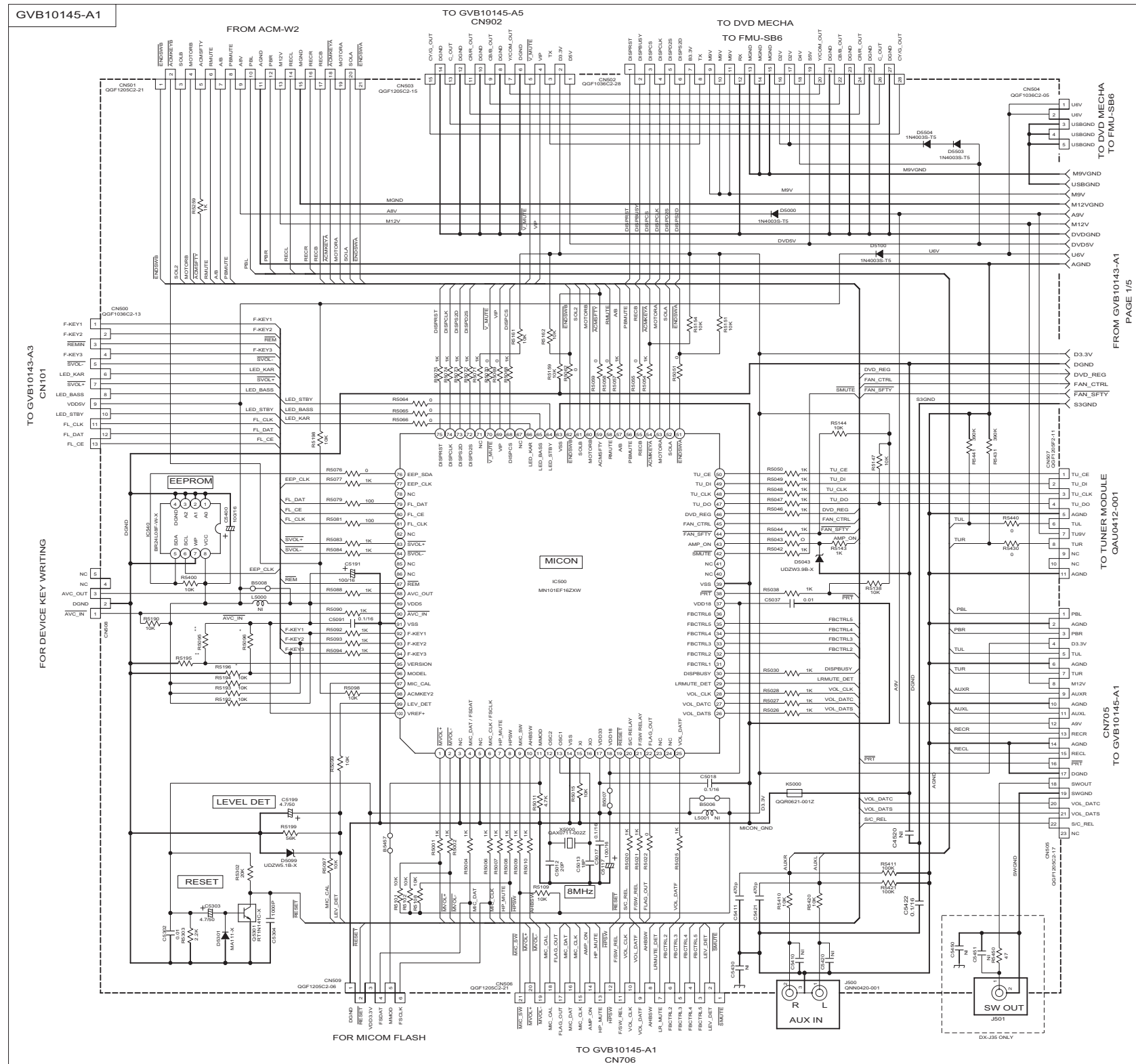


# Main section









### ■ Micon section (for DX-J35)



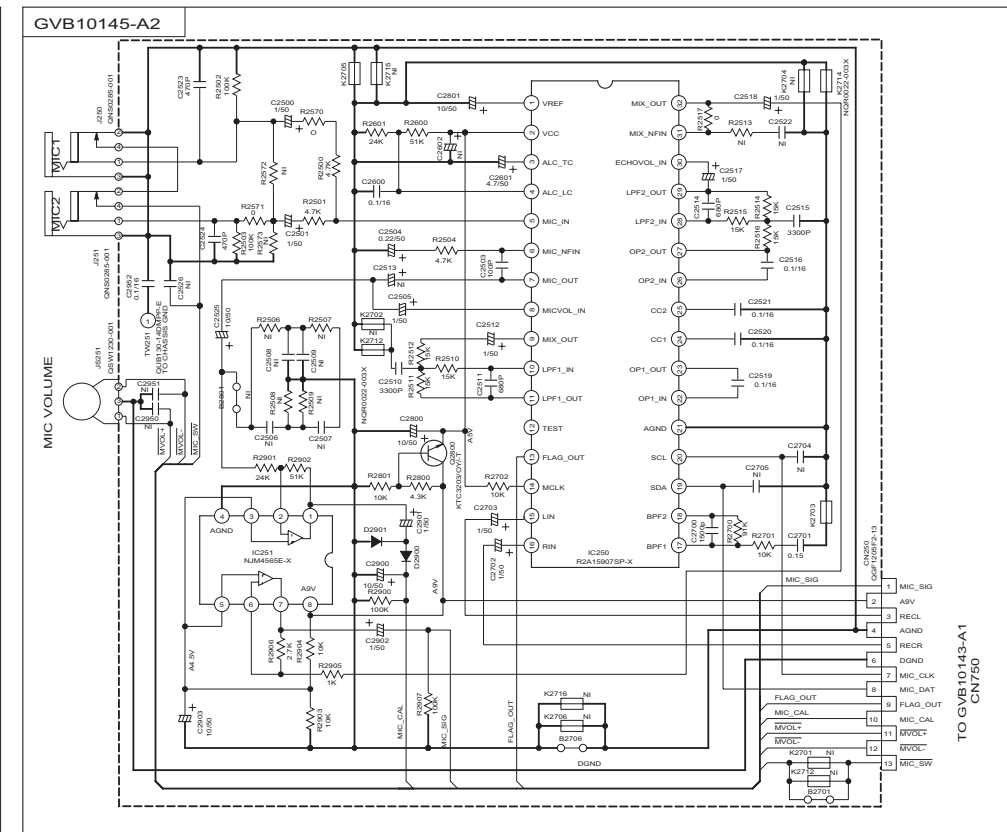
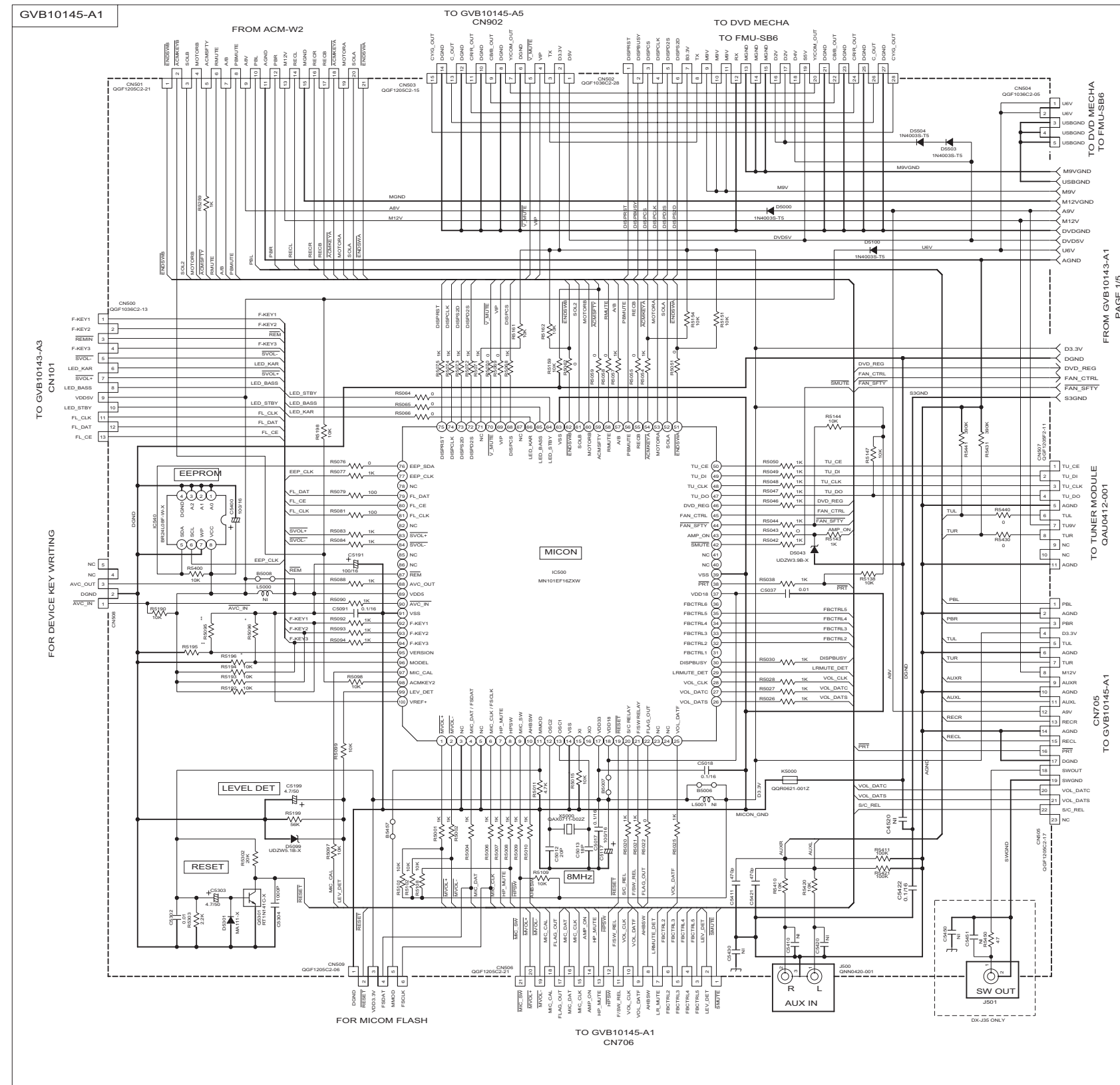
- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLTMETER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
- CONDITION — DVD STOP MODE
2. UNLESS OTHERWISE SPECIFIED:
- ALL RESISTORS ARE 1/16W ± 5% CARBON FILM RESISTOR
  - OR 0.625W ± 5% THICK FILM CHIP RESISTOR
  - ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
  - ALL RESISTANCE VALUES ARE IN  $\Omega$ M( $\Omega$ ).
  - ALL CAPACITANCE VALUES ARE IN  $\mu$ F( $\mu$ FpF).
  - ALL E.CAPACITORS ARE RATED IN THE FORM OF CAPACITANCE ( $\mu$ F) RATED VOLTAGE (V).
  - ALL INDUCTANCE VALUES ARE IN  $\mu$ H( $\mu$ HmmH).
  - ALL FERRITE BEADS ARE QDR021-0312
- N = NON INSERT

| DIGITAL TRANSISTOR CONSTRUCTION   |      |     |            |
|---|------|-----|------------|
| SYMBOL  | R1   | R2  | PART NO.   |
|  | 4.7K | -   | RT1N144C-X |
|  | 10K  | 47K | RT1N430C-X |
|  | 4.7K | -   | RT1P430C-X |
|  | 10K  | 10K | RT1P141C-X |

|       | J10 | J20 | J30 |
|-------|-----|-----|-----|
| R5096 | 10K | 10K | 10K |
| R5196 | NIL | NIL | 30K |

|            | R5095 | R5195 |
|------------|-------|-------|
| US/UN/UH/A | 10K   | NIL   |
| UW/UY      | 10K   | 18K   |
| UX/UG      | 10K   | 5.6K  |
| EE         | NIL   | 10K   |

■ Micon section (except DX-J35)



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT-METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.

CONDITION -- DVD STOP MODE

2. UNLESS OTHERWISE SPECIFIED:

ALL RESISTORS ARE 1/4W  $\pm 5\%$  CARBON FILM RESISTOR

OR 0.625W  $\pm 5\%$  THICK FILM CHIP RESISTOR

ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.

ALL RESISTANCE VALUES ARE IN OHM( $\Omega$ ).





ALL CAPACITANCE VALUES ARE IN  $\mu$ F(PpF).

ALL C.CAPACITORS ARE SHOWN IN THE FORM OF: CAPACITANCE( $\mu$ F)/RATED VOLTAGE (V).

ALL INDUCTANCE VALUES ARE IN  $\mu$ H(mH,mm).

ALL FERRITE BEADS ARE QORR021-001Z

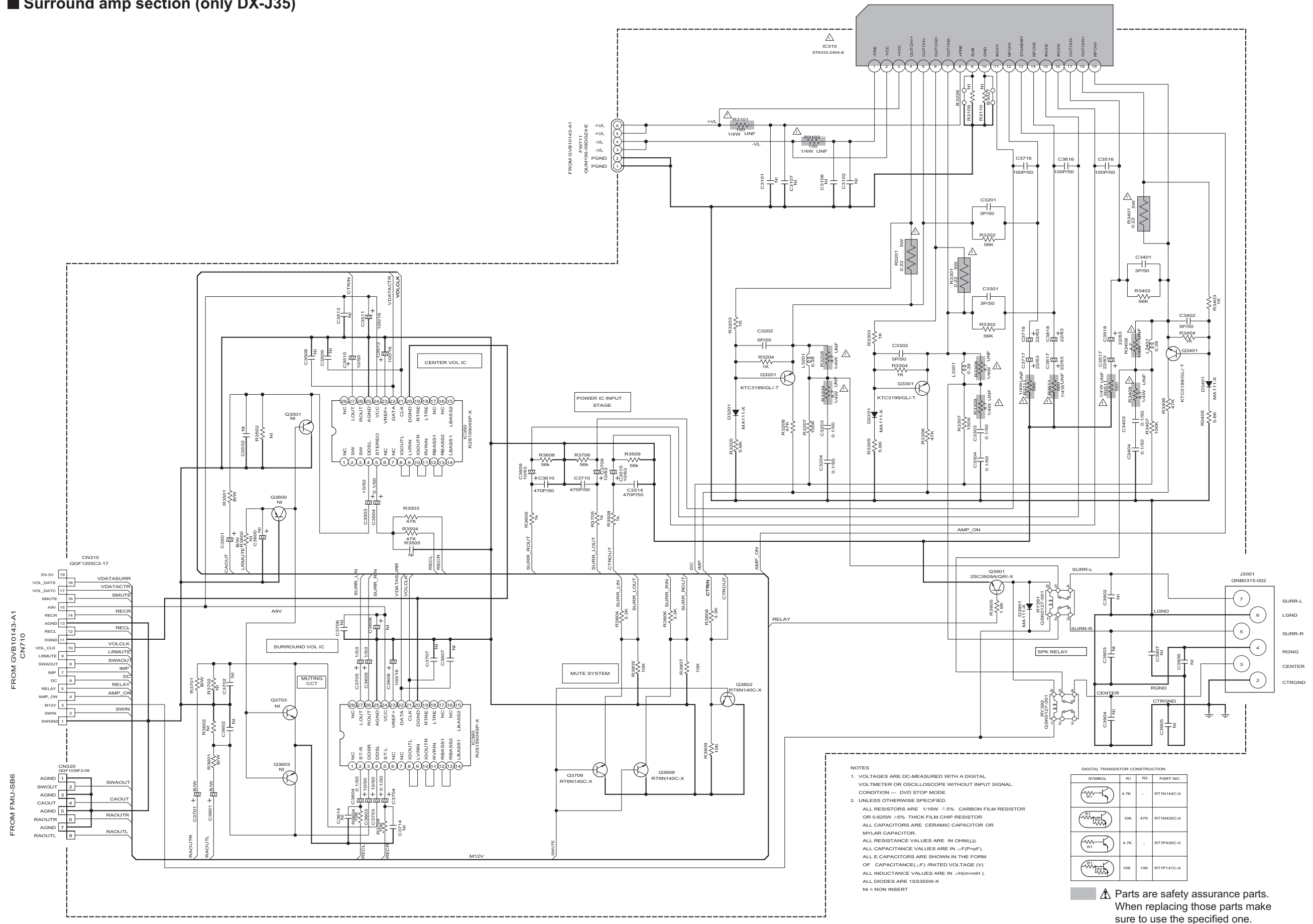
NI = NON INSERT

| SYMBOL  | R1   | R2  | PART NO.   |
|---|------|-----|------------|
|  | 4.7K | -   | RT1N144C-X |
|  | 10K  | 47K | RT1N430C-X |
|  | 4.7K | -   | RT1P430C-X |
|  | 10K  | 10K | RT1P141C-X |

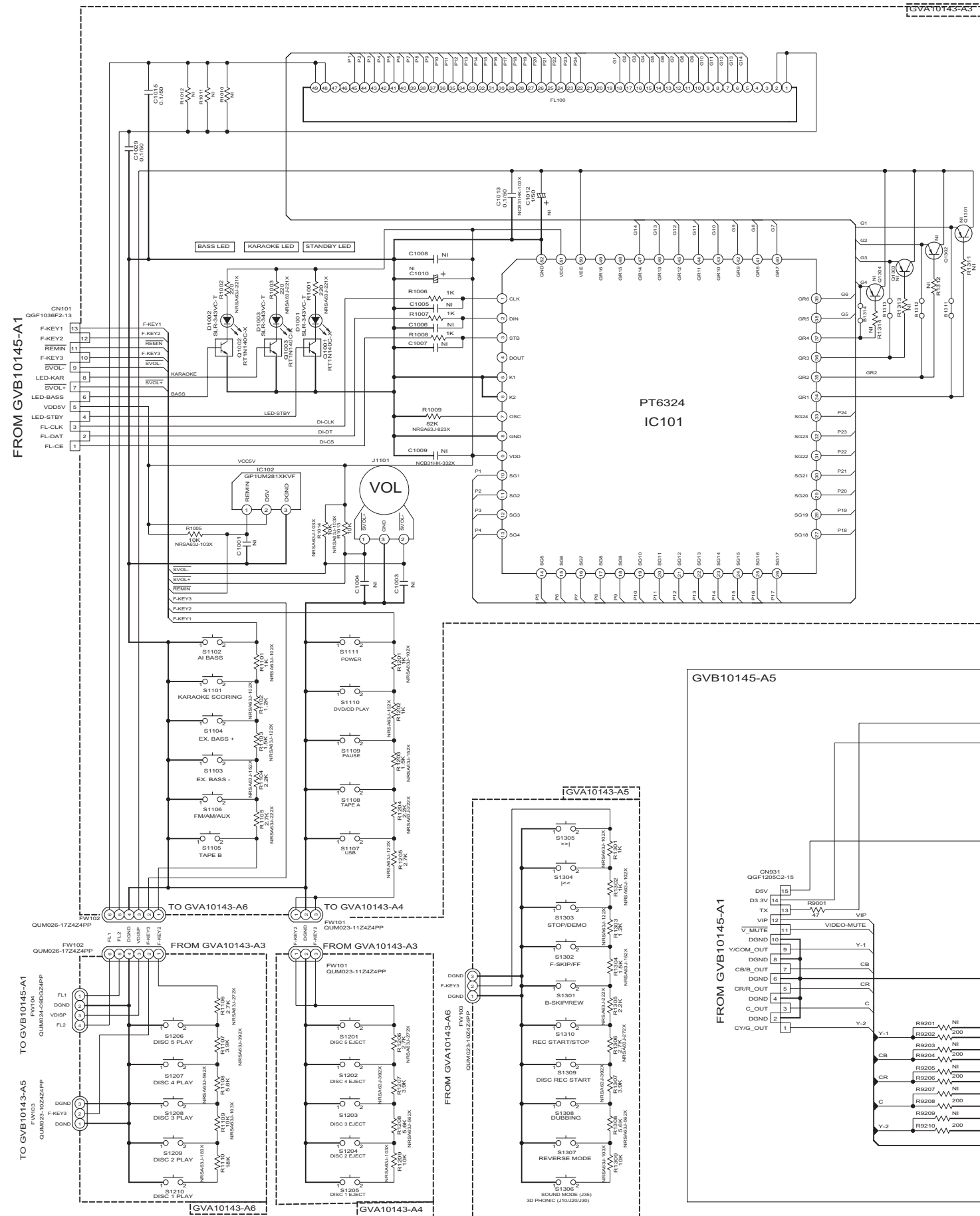
|       | J10 | J20 | J30 |
|-------|-----|-----|-----|
| R5096 | 10K | 10K | 10K |
| R5196 | NIL | NIL | NIL |

| ** VERSION INDICATION |       |       |
|-----------------------|-------|-------|
|                       | R5095 | R5195 |
| US/UN/UH/A            | 10K   | NIL   |
| UW/UY                 | 10K   | 18K   |
| UX/UG                 | 10K   | 5.6K  |
| EE                    | NIL   | 10K   |

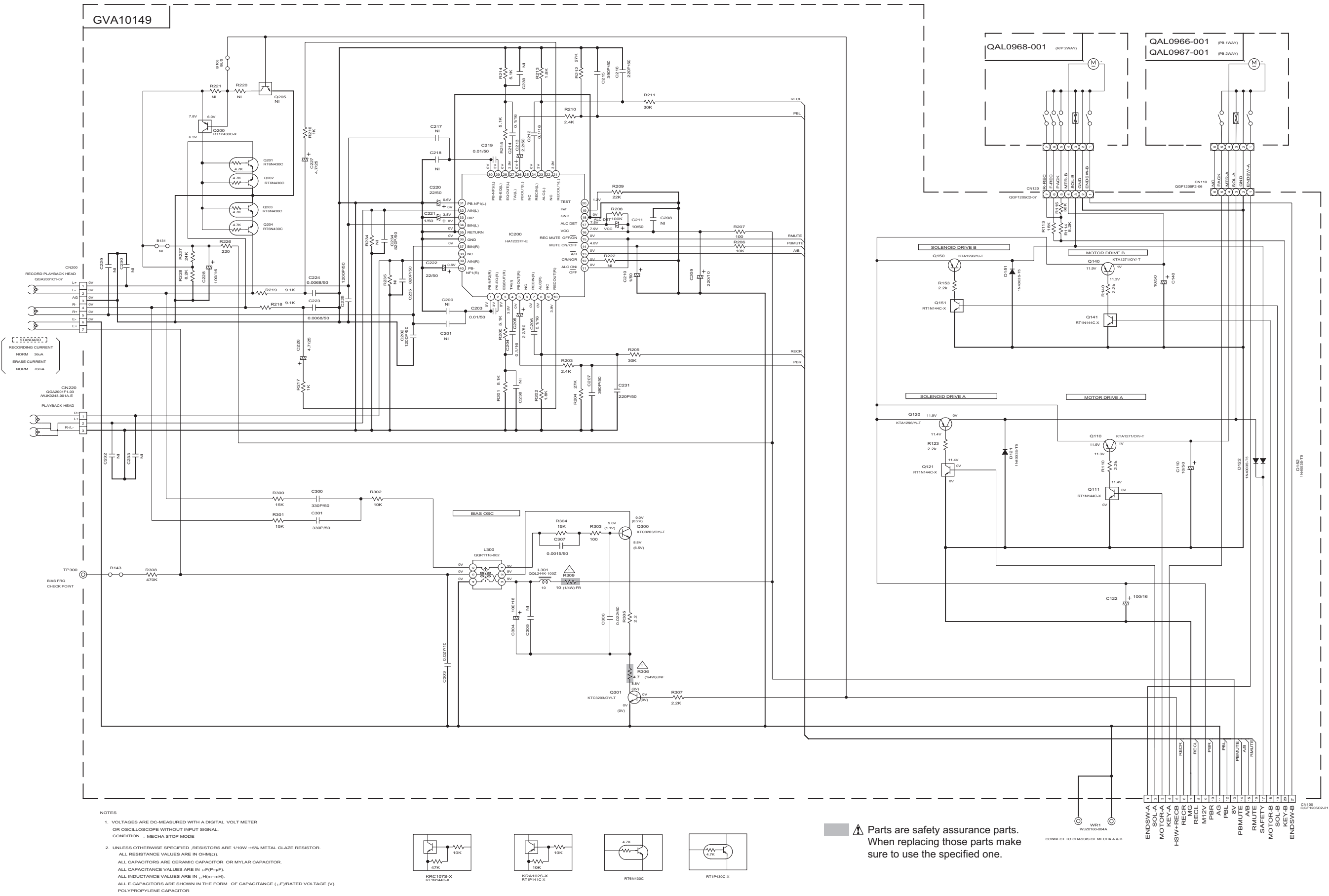
■ Surround amp section (only DX-J35)



■ Front section

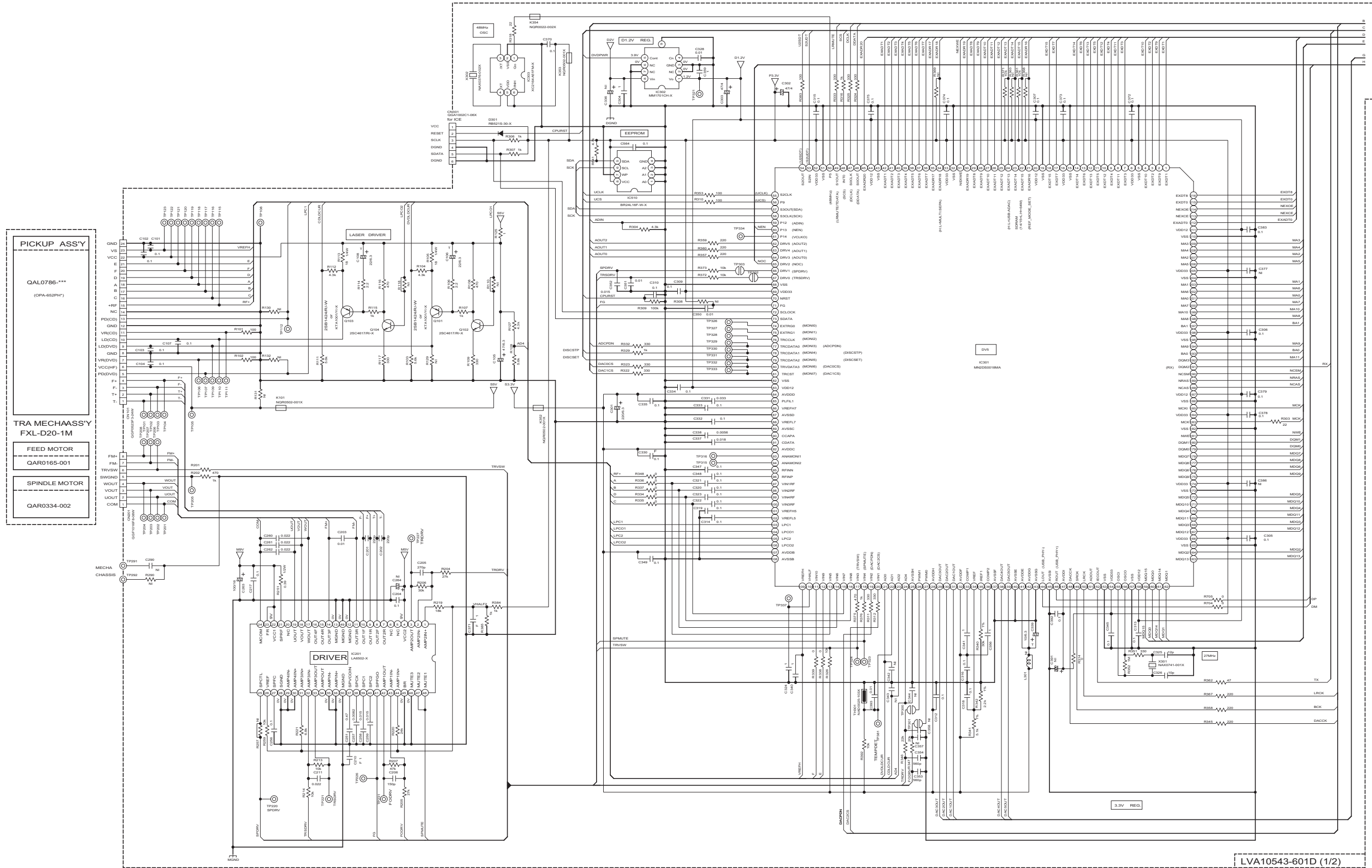


■ Cassette section





## ■ DVD section 1/3 (for DX-J35)

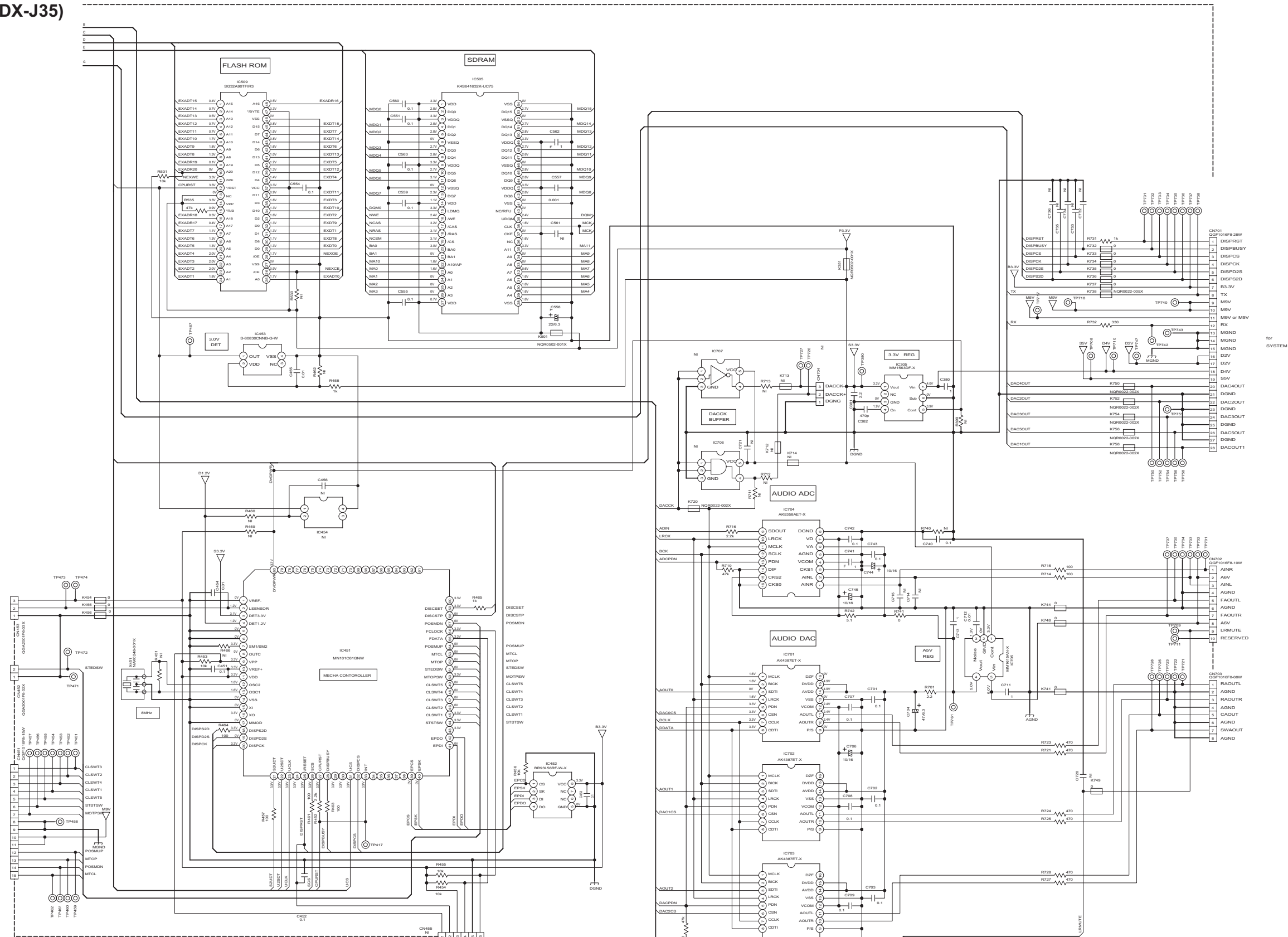




■ DVD section 2/3 (for DX-J35)

LOADER ASS'Y  
CH5-BASE-1

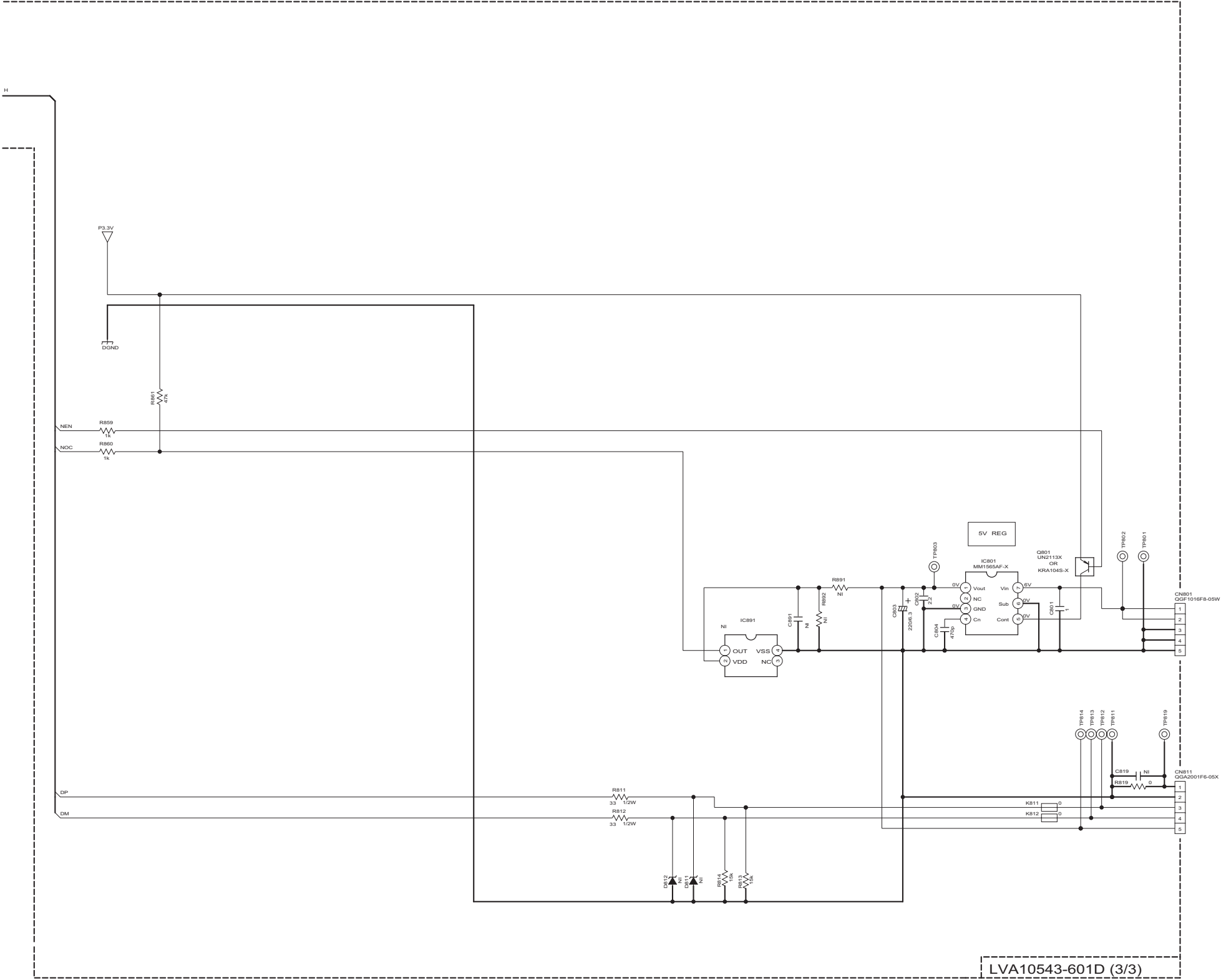
See  
LVS20135-002A



NOTES  
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.  
CONDITION — A DVD disc in the Tray 1, and STOP mode.

2. UNLESS OTHERWISE SPECIFIED:  
ALL RESISTORS ARE: 1/16W ±5% METAL GLAZE RESISTOR, OR 0.5% METAL GLAZE RESISTOR.  
ALL CAPACITORS ARE: .50V, .25V, .16V, .10V or 6.3V CERAMIC CAPACITOR.  
ALL RESISTANCE VALUES ARE IN OHM(Ω).  
ALL CAPACITANCE VALUES ARE IN pF(pf).  
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF) RATED VOLTAGE (V).  
ALL INDUCTANCE VALUES ARE IN mH(mH).

3. NI STANDS FOR NOT INSERTED PARTS.



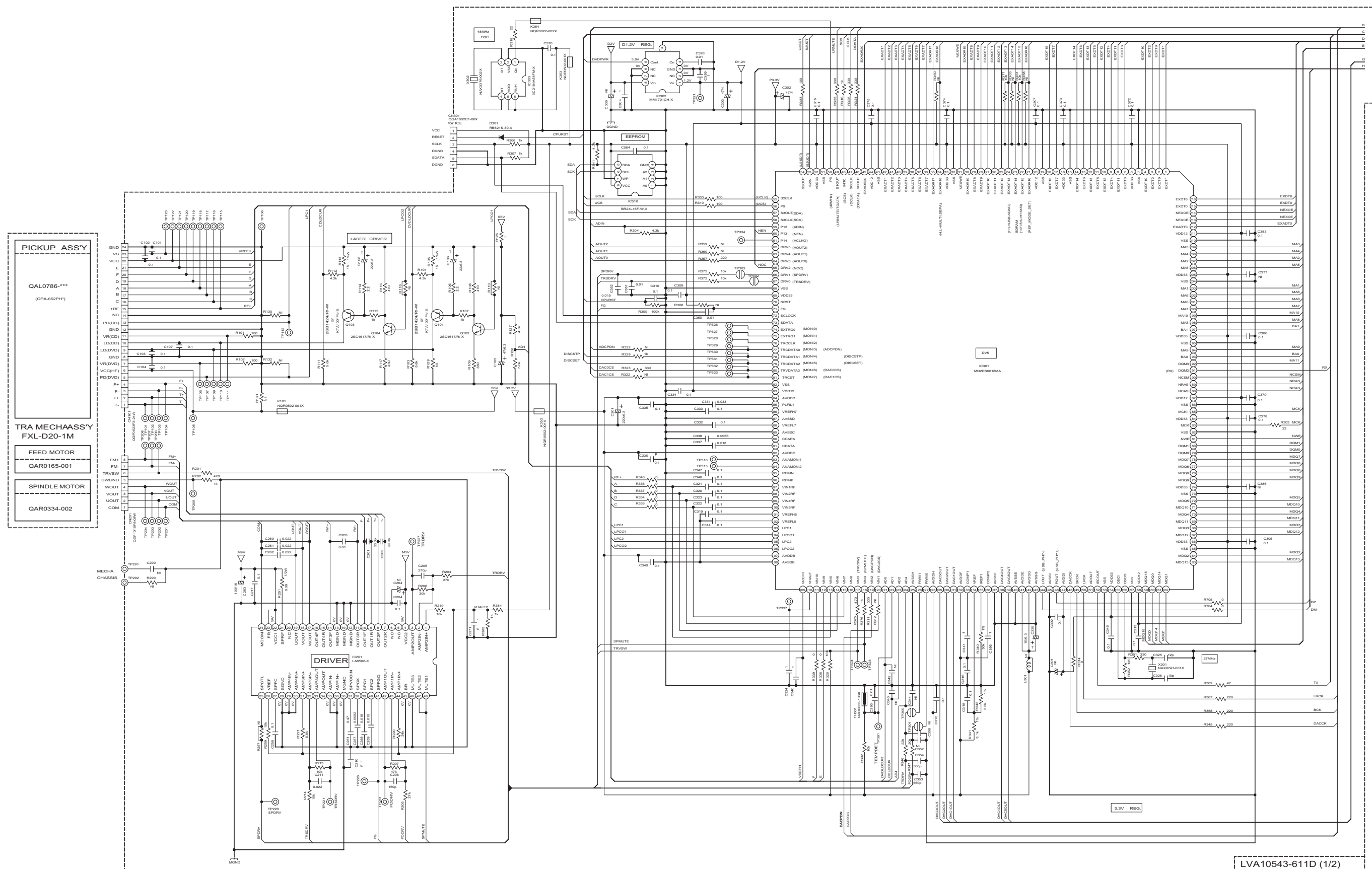
NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.  
CONDITION --- A DVD disc in the Tray 1, and STOP mode.
2. UNLESS OTHERWISE SPECIFIED.  
ALL RESISTORS ARE 1/16W  $\pm$ 5% METAL GLAZE RESISTOR. OR 0.5% METAL GLAZE RESISTOR.  
ALL CAPACITORS ARE 50V , 25V , 16V , 10V or 6.3V CERAMIC CAPACITOR.  
ALL RESISTANCE VALUES ARE IN OHM( $\Omega$ ).  
ALL CAPACITANCE VALUES ARE IN  $\mu$ F(p=pF).  
ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE( $\mu$ F) /RATED VOLTAGE (V).  
ALL INDUCTANCE VALUES ARE IN  $\mu$ H(m=mH).

3. NI STANDS FOR NOT INSERTED PARTS.



■ DVD section 1/3 (except DX-J35)



■ DVD section 2/3 (except DX-J35)

LOADER ASS'Y  
CH5-BASE-1

See  
LVS20135-002A

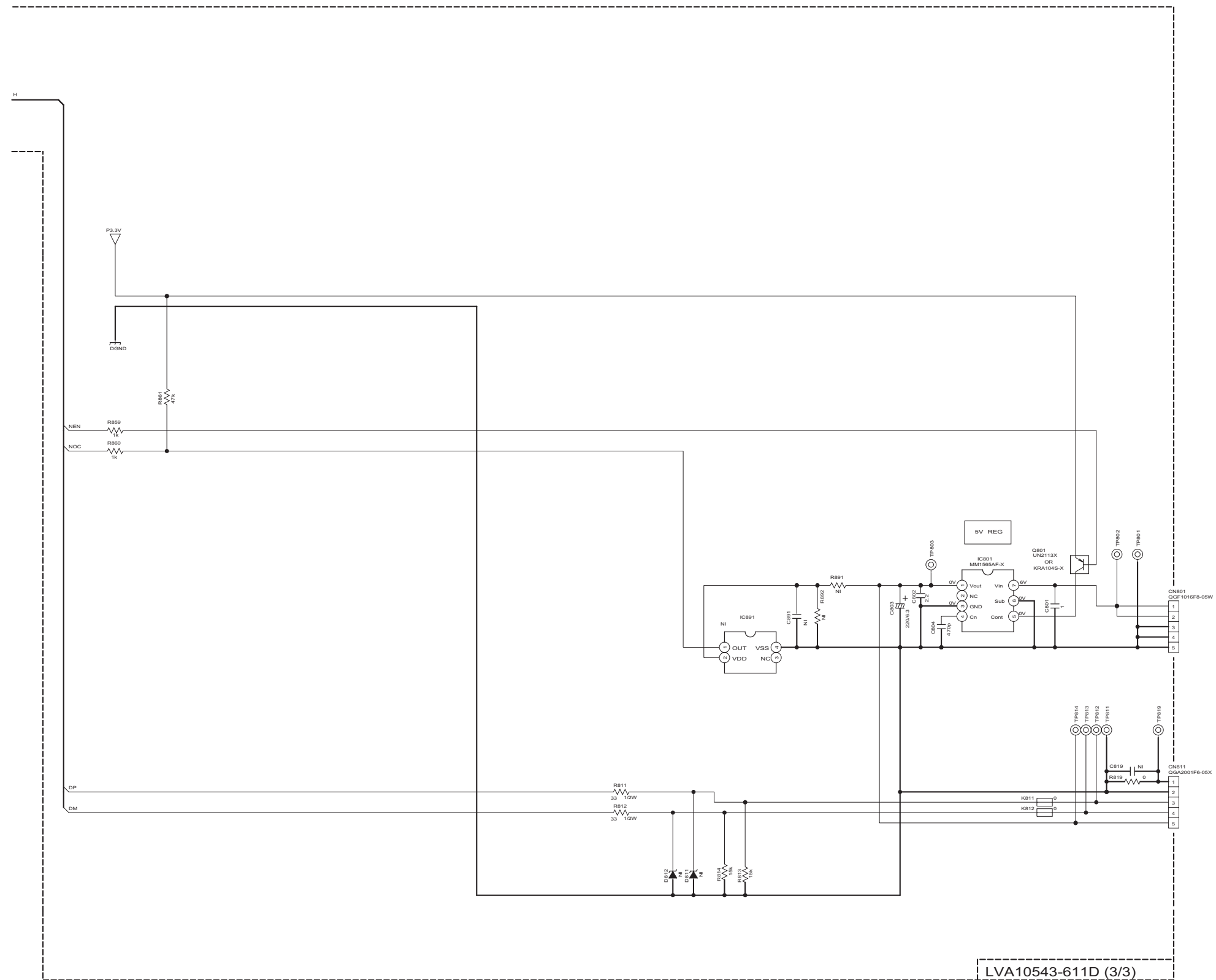
NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.  
CONDITION — A DVD disc in the Tray 1, and STOP mode.

2. UNLESS OTHERWISE SPECIFIED,  
ALL RESISTORS ARE: 1/16W, ±5% METAL GLAZE RESISTOR, OR 0.5% METAL GLAZE RESISTOR.  
ALL CAPACITORS ARE: 50V, .25V, .10V, .10V or 6.3V CERAMIC CAPACITOR.  
ALL RESISTANCE VALUES ARE IN OHM (Ω).  
ALL CAPACITANCE VALUES ARE IN μF (pF).  
ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF) / RATED VOLTAGE (V).  
ALL INDUCTANCE VALUES ARE IN μH (mmH).

3. NI STANDS FOR NOT INSERTED PARTS.

■ DVD section 3/3 (except DX-J35)



## NOTES

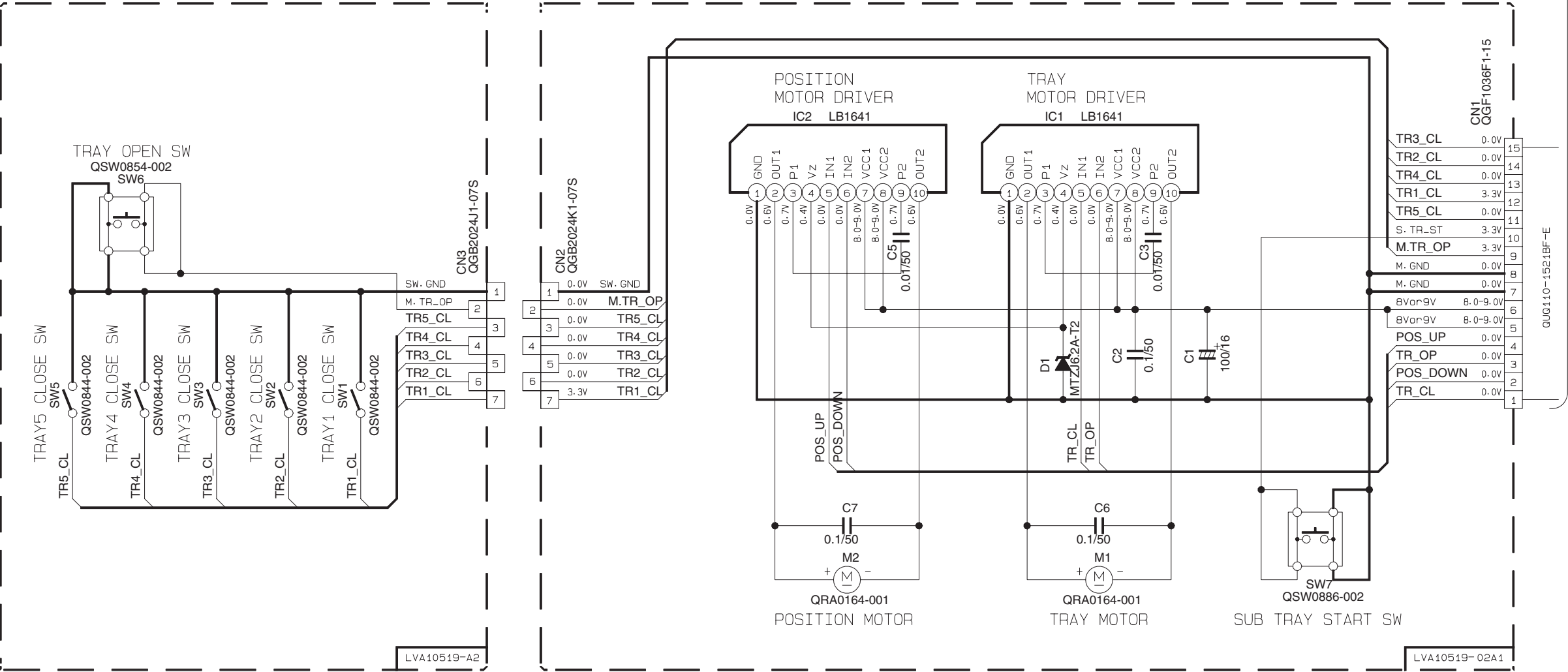
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.  
CONDITION — A DVD disc in the Tray 1, and STOP mode.
2. UNLESS OTHERWISE SPECIFIED.
- ALL RESISTORS ARE 1/16W  $\pm 5\%$  METAL GLAZE RESISTOR, OR 0.5% METAL GLAZE RESISTOR.  
ALL CAPACITORS ARE 50V,  $\pm 25\%$ , 1/8W, 10V or 6.3V CERAMIC CAPACITOR.
- ALL RESISTANCE VALUES ARE IN OHM( $\Omega$ ).  
ALL CAPACITANCE VALUES ARE IN  $\mu$ F(p=pF).  
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE( $\mu$ F)/(RATED VOLTAGE (V)).  
ALL INDUCTANCE VALUES ARE IN  $\mu$ H(m=mH).

3. NI STANDS FOR NOT INSERTED PARTS.

- #### 4.DIGITAL TRANSISTOR

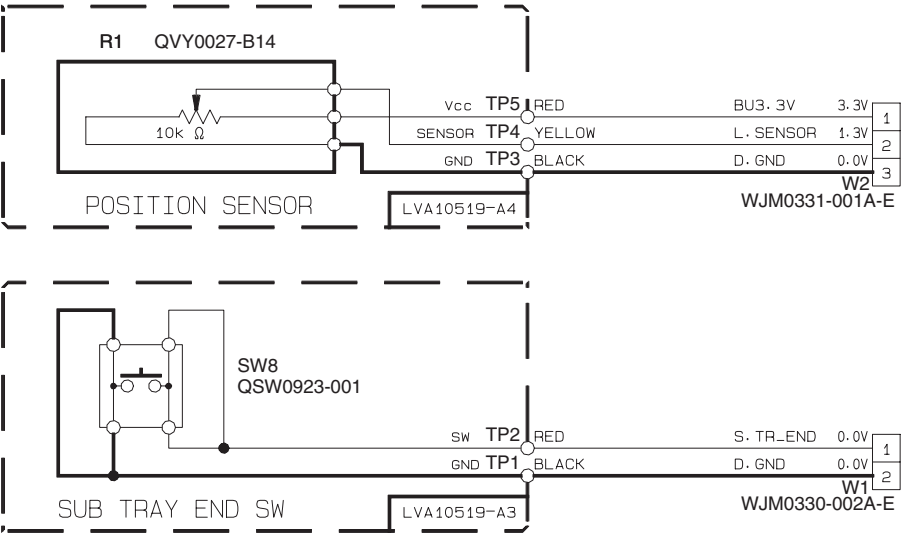


■ Loader section



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER. CONDITION: DISC1 STOP
2. UNLESS OTHERWISE SPECIFIED. ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (  $\mu$  F ) / RATED VOLTAGE ( V ).
3. NI STANDS FOR NOT INSERTED PARTS.

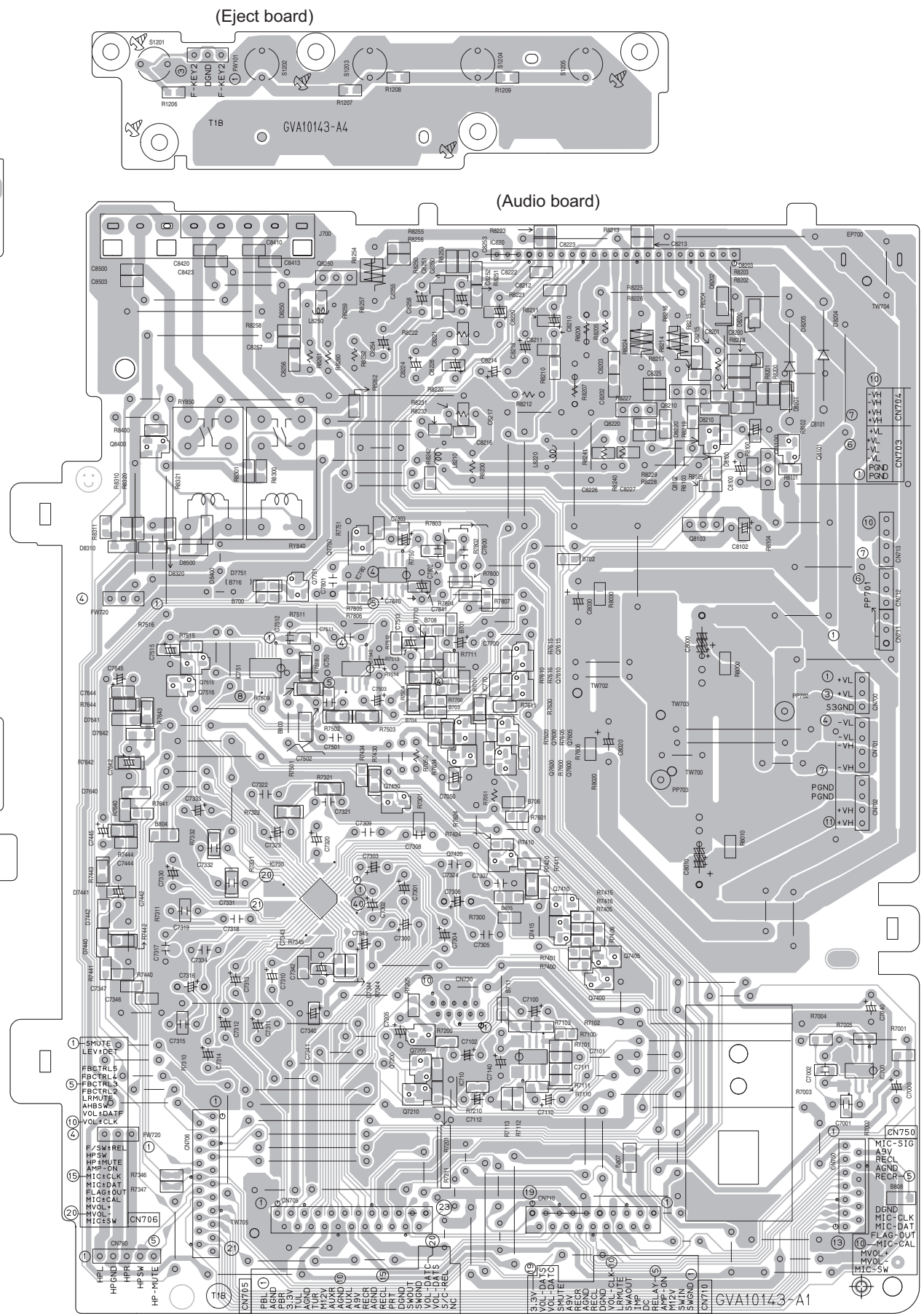
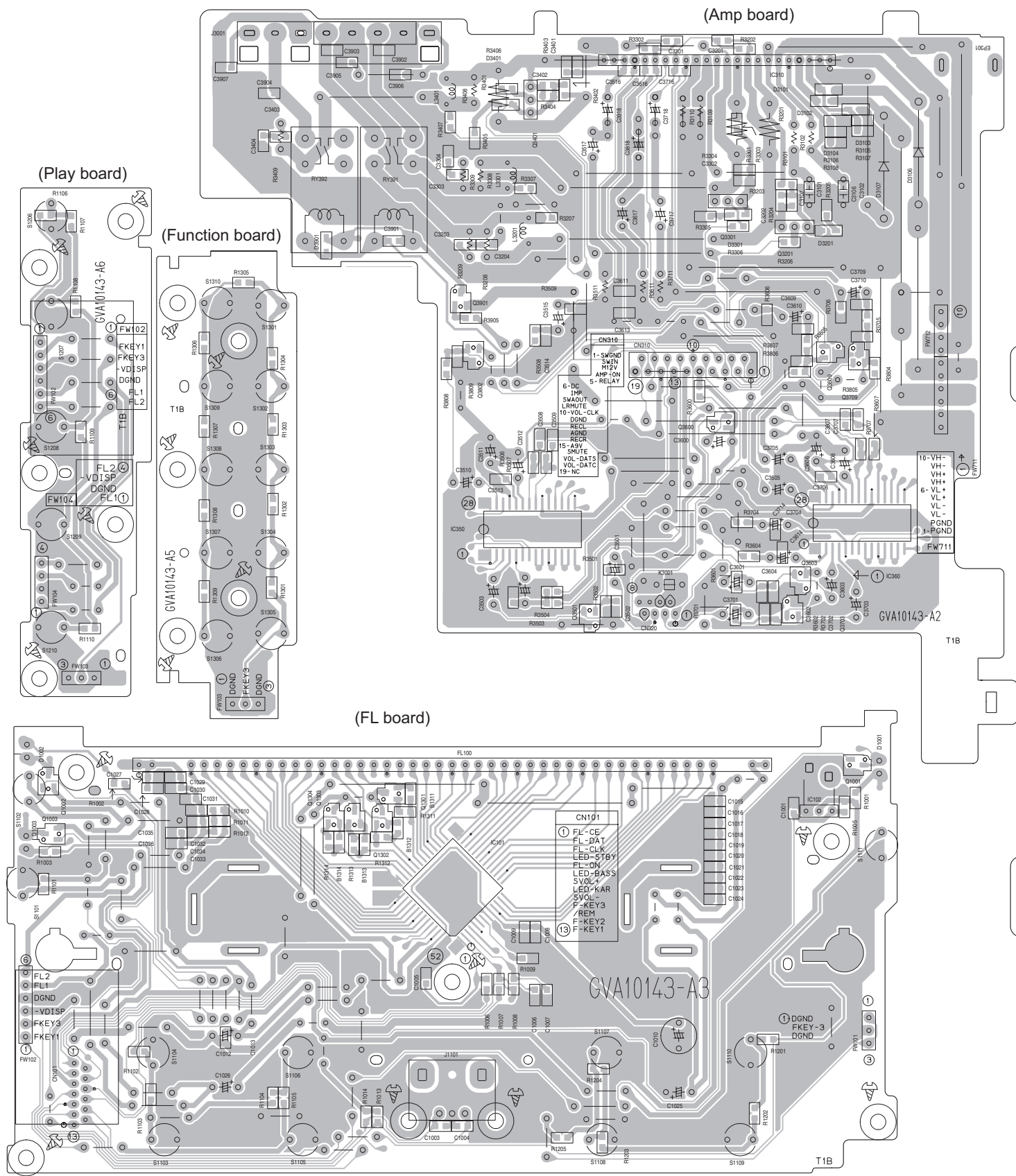


TO POWER AND MECHA CONTROL MICOM



# Printed circuit boards

- Amp board Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)  
Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)



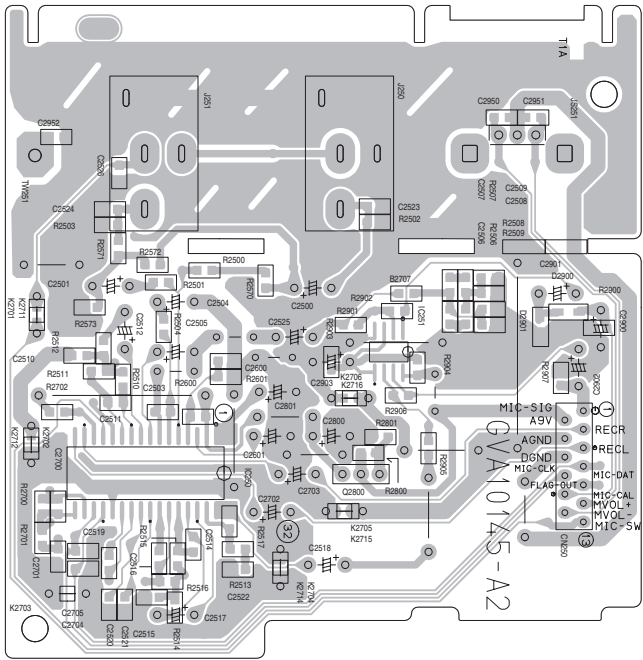
■ Micon board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

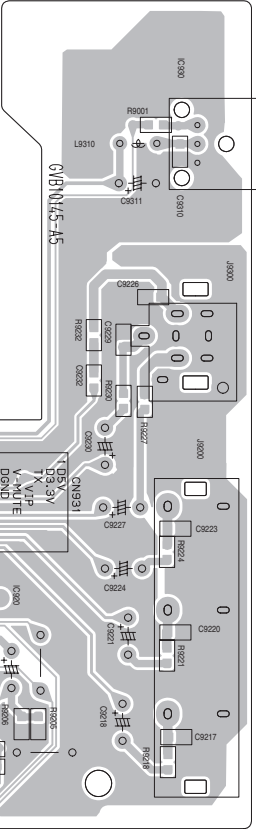
Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)

(Micon board)

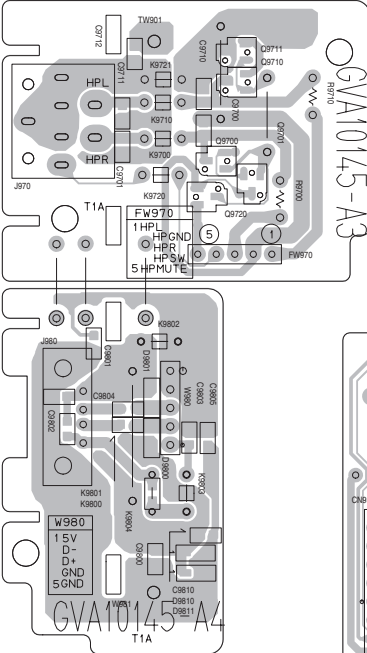
(MIC board)



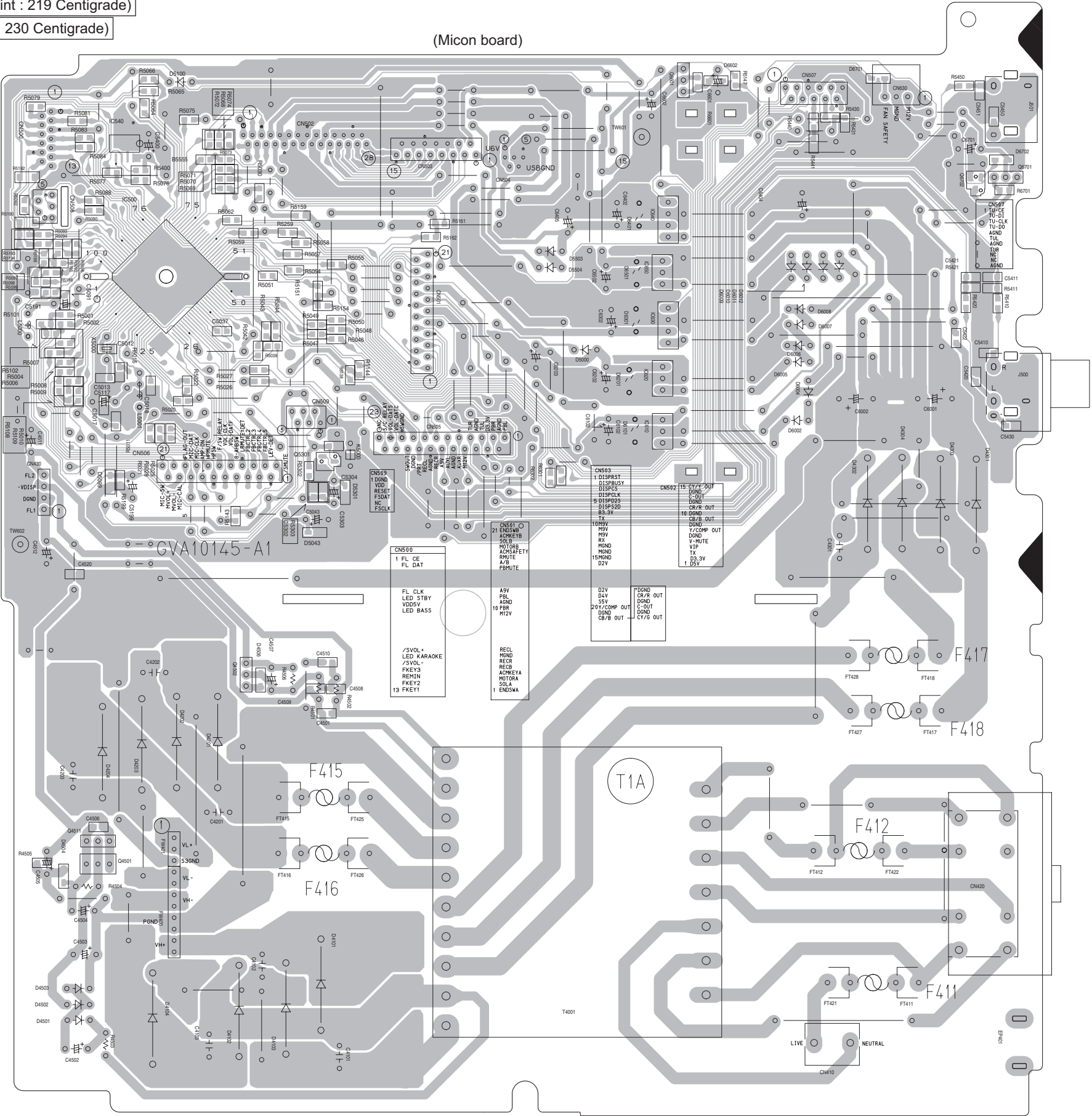
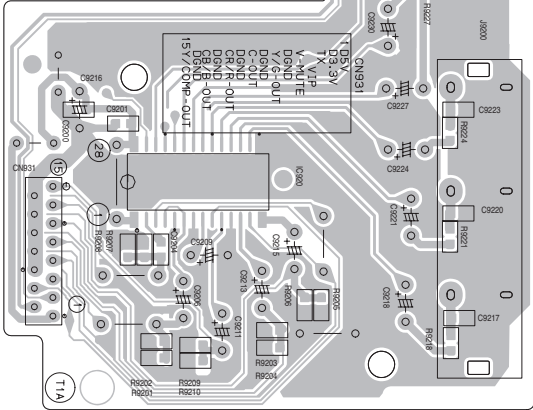
(Video board)



(HP board)



(USB board)



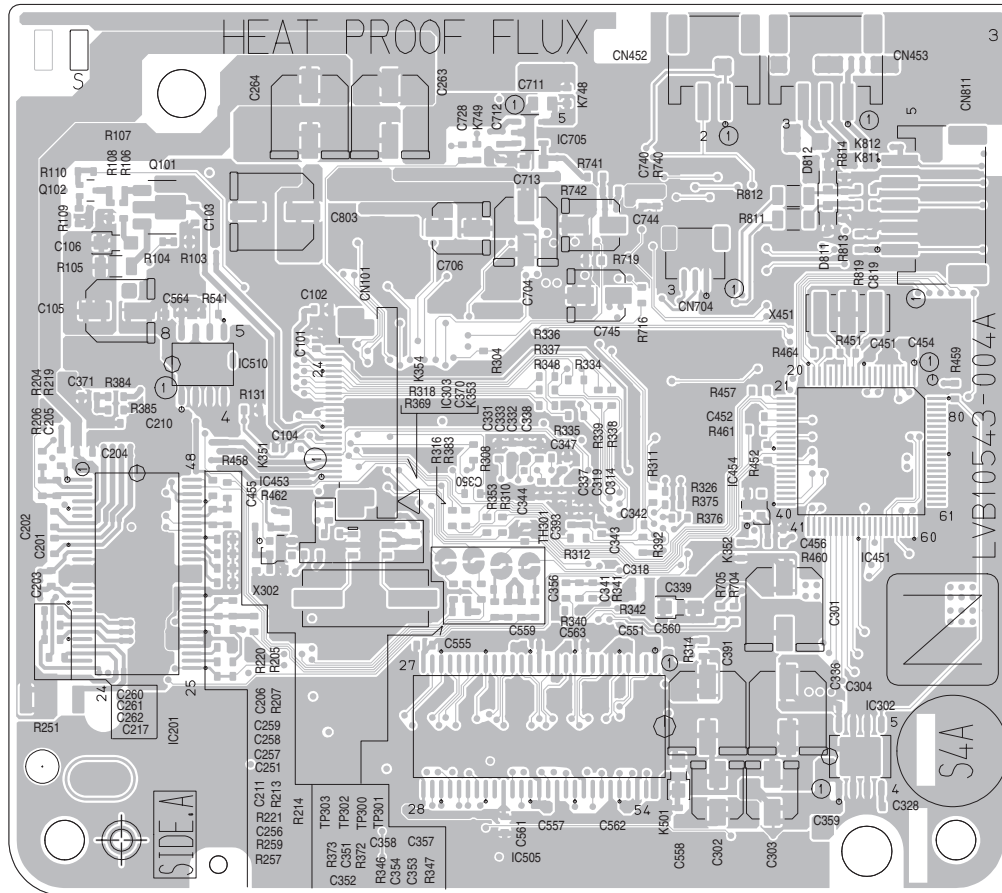


## ■ DVD board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

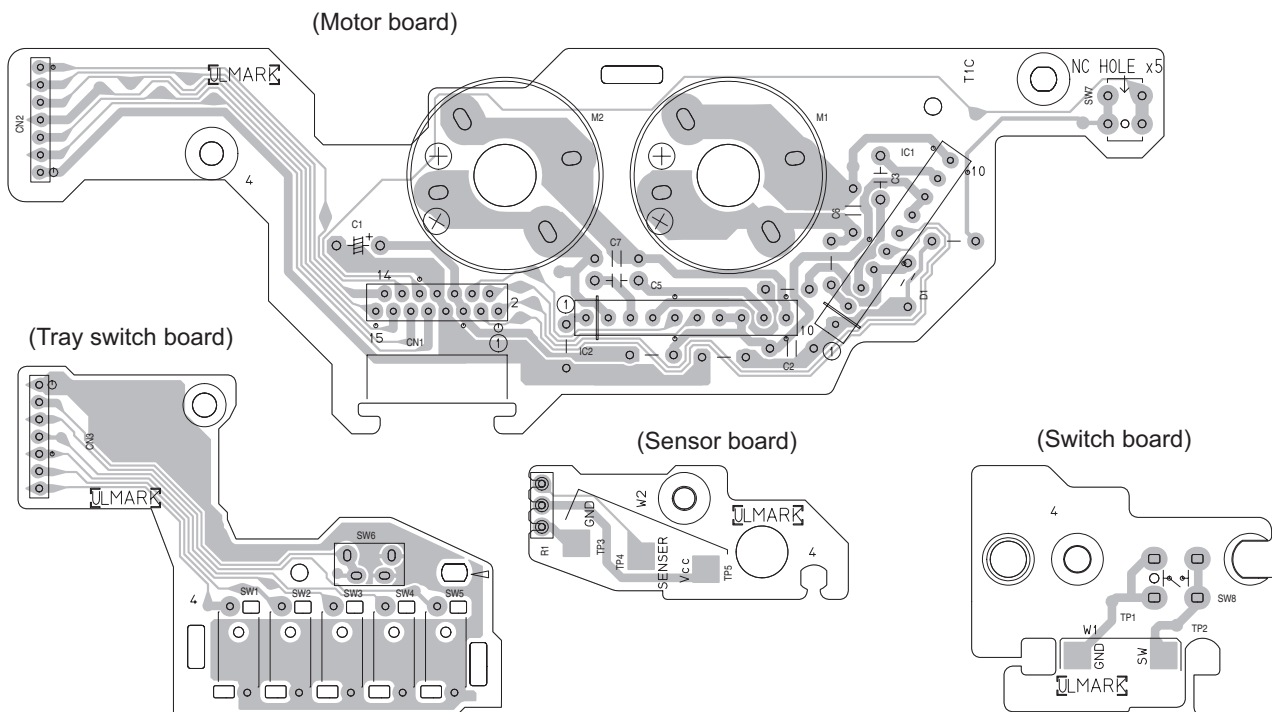
Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)

forward side



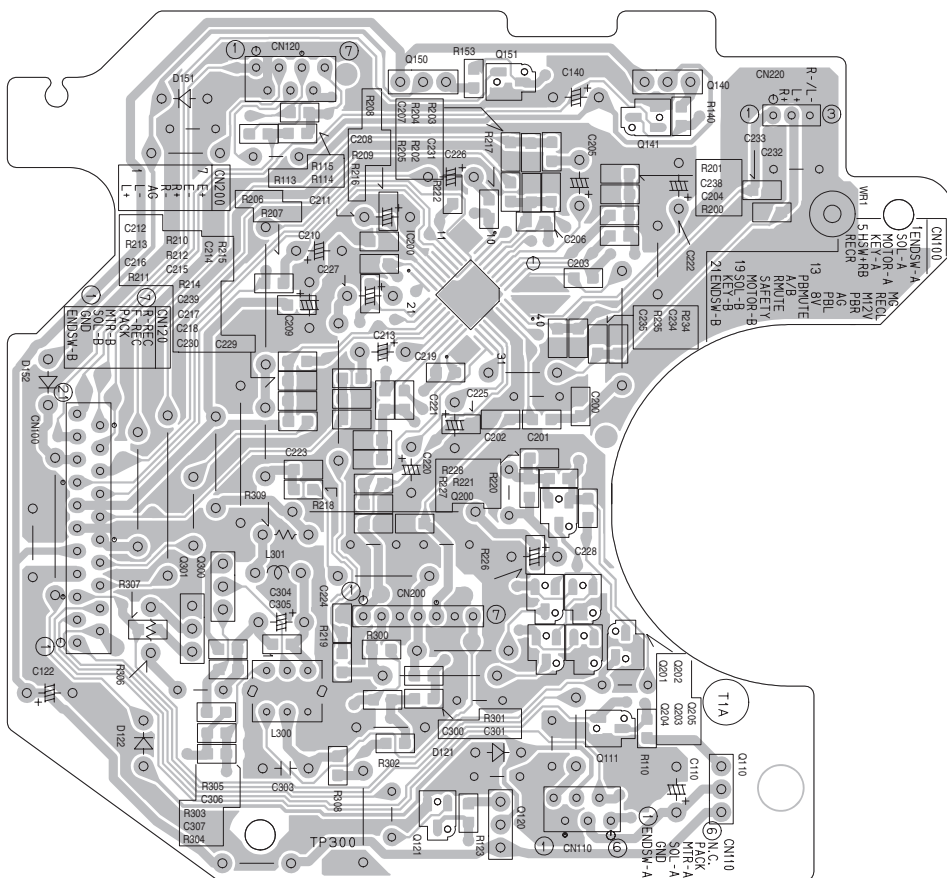
|                       |  |
|-----------------------|--|
| ■ <b>Loader board</b> | Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade) |
|                       | Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)    |

Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)



|                         |  |
|-------------------------|--|
| ■ <b>Cassette board</b> | Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade) |
|                         | Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)    |

Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)



< MEMO >



Victor Company of Japan, Limited

Audio/Video Systems Category 10-1, 1chome, Ohwatari-machi, Maebashi-city, 371-8543, Japan

(No.MB620SCH)



Printed in Japan  
VPT



# PARTS LIST

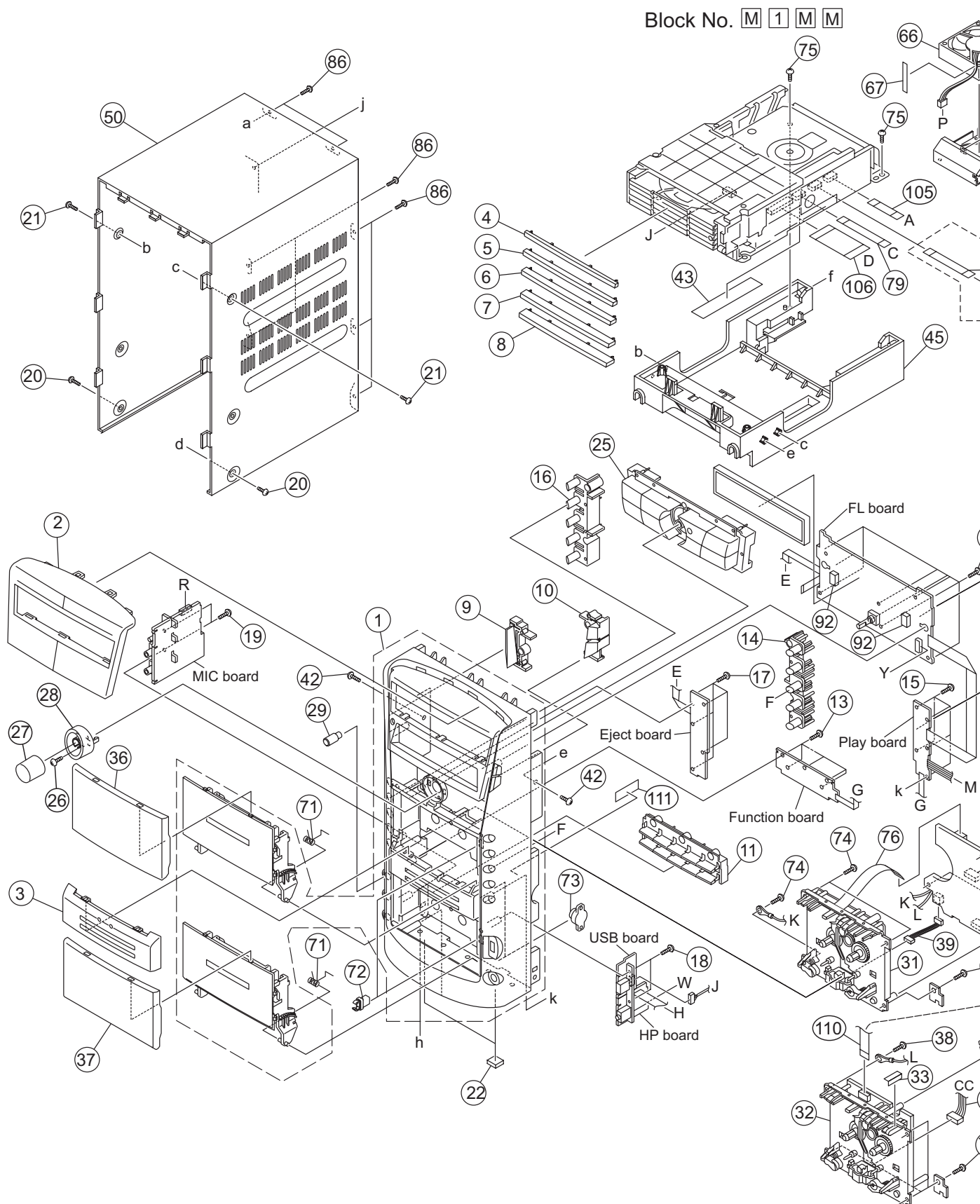
DX-J35EE,DX-J35UX,DX-J35UG  
DX-J35UN,DX-J20EE,DX-J20UW  
DX-J10EE

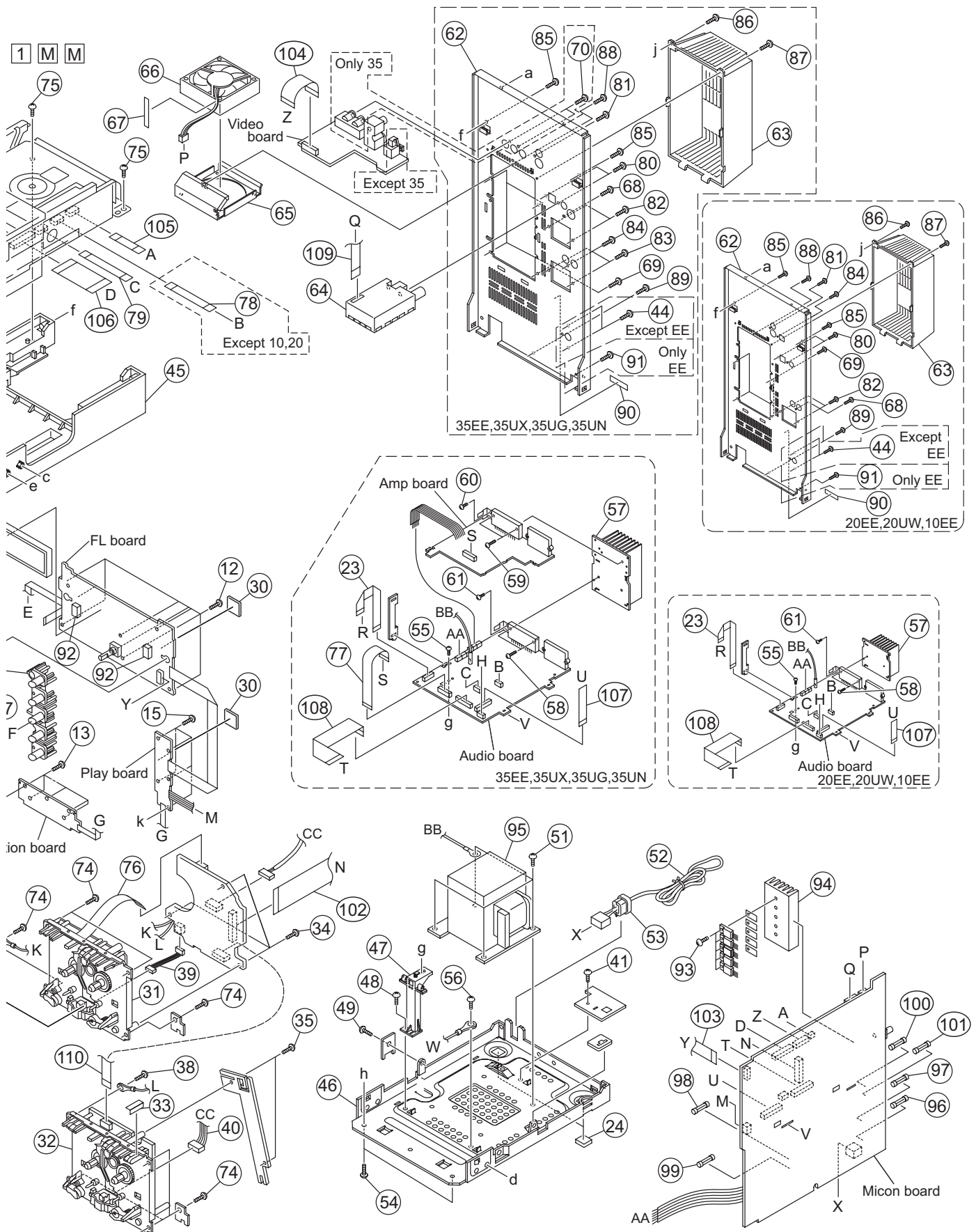
\* All printed circuit boards and its assemblies are not available as service parts.

## - Contents -

|  |      |
|--|------|
| Exploded view of general assembly and parts list (Block No.M1) ..... | 3- 2 |
| DVD mechanism assembly and parts list (Block No.MJ) .....            | 3- 6 |
| DVD changer mechanism assembly and parts list (Block No.MK) .....    | 3- 8 |
| (Only DX-J35)  |      |
| DVD changer mechanism assembly and parts list (Block No.MT) .....    | 3-10 |
| (Exsept 35)  |      |
| Electrical parts list (Block No.01~08) .....                         | 3-12 |
| Packing materials and accessories parts list (Block No.M3) .....     | 3-28 |
| (Only DX-J35EE)  |      |
| Packing materials and accessories parts list (Block No.M4) .....     | 3-30 |
| (DX-J35UX,UG,UN)   |      |
| Packing materials and accessories parts list (Block No.M5) .....     | 3-32 |
| (Only DX-J20)  |      |
| Packing materials and accessories parts list (Block No.M6) .....     | 3-34 |
| (Only DX-J10)  |      |

# Exploded view of general assembly and parts list





# General Assembly

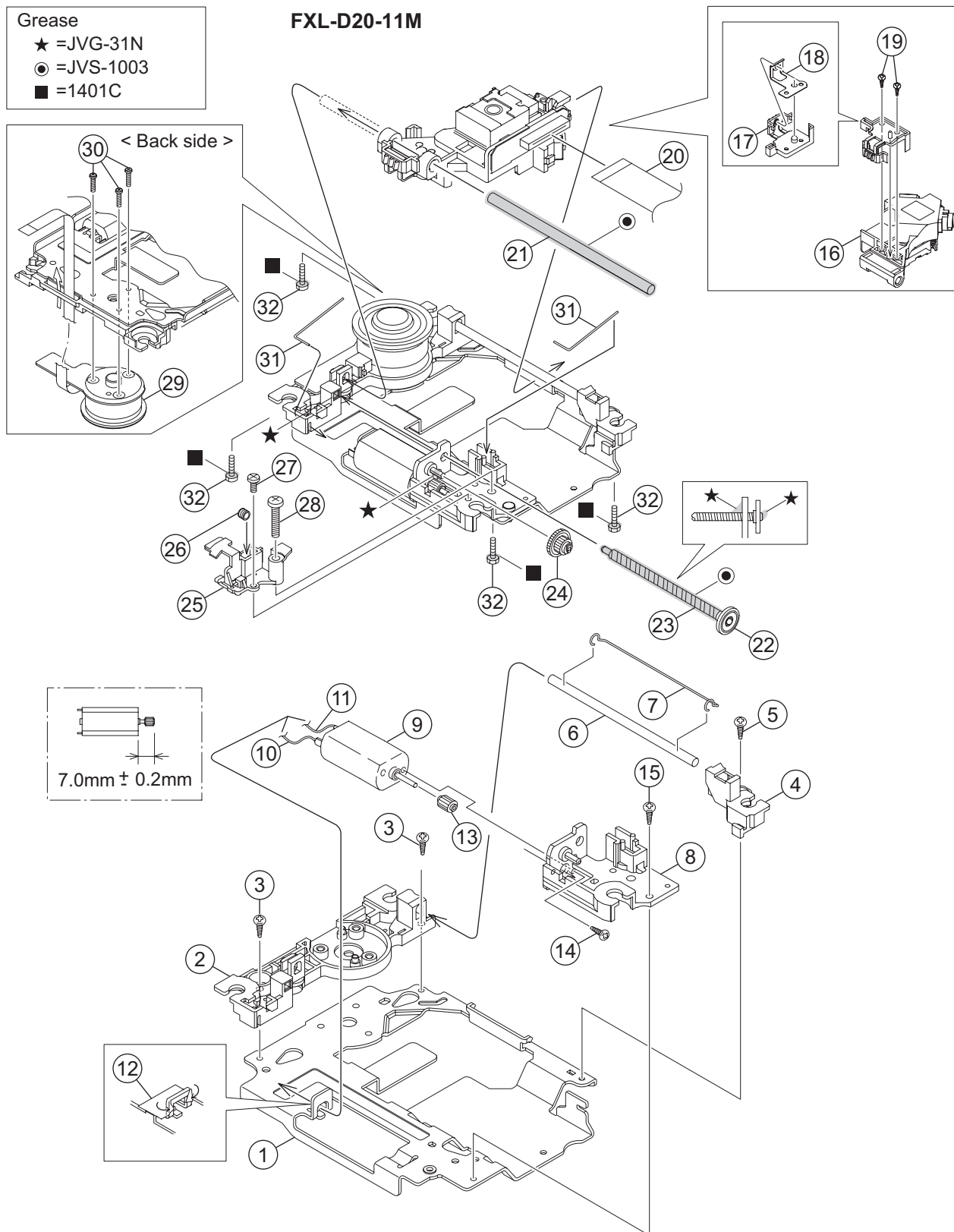
Block No. [M][1][M][M]

| Symbol No. | Part No.        | Part Name       | Description    | Local                         |
|------------|-----------------|-----------------|----------------|-------------------------------|
| 1          | GV10380-002A    | FRONT PANEL ASY |                | 35EE,35UX,35UG,20EE,20UW,10EE |
| 1          | GV10380-001A    | FRONT PANEL ASY |                | 35UN                          |
| 2          | GV20473-002A    | FL LENS         |                | 35EE,35UX,35UG,35UN           |
| 2          | GV20473-001A    | FL LENS         |                | 20EE,20UW,10EE                |
| 3          | GV31034-002A    | BUTTON LENS     |                | 35EE,35UX,35UG,35UN           |
| 3          | GV31034-001A    | BUTTON LENS     |                | 20EE,20UW,10EE                |
| 4          | GV31039-001A    | TRAY FITTING 1  |                |                               |
| 5          | GV31040-001A    | TRAY FITTING 2  |                |                               |
| 6          | GV31041-001A    | TRAY FITTING 3  |                |                               |
| 7          | GV31042-001A    | TRAY FITTING 4  |                |                               |
| 8          | GV31043-001A    | TRAY FITTING 5  |                |                               |
| 9          | GV40750-001A    | POWER BTN.ASSY. |                |                               |
| 10         | GV40751-001A    | KARAOKE BTN.ASS |                |                               |
| 11         | GV31031-001A    | FUNCTION BUTTON |                |                               |
| 12         | QYSDSF2608ZA    | TAP SCREW       | M2.6 x 8mm(x7) |                               |
| 13         | QYSDSF2608ZA    | TAP SCREW       | M2.6 x 8mm(x5) |                               |
| 14         | GV31032-001A    | DISC PLAY BTTN. |                |                               |
| 15         | QYSDSF2608ZA    | TAP SCREW       | M2.6 x 8mm(x5) |                               |
| 16         | GV31033-001A    | DISC EJECT BTN. |                |                               |
| 17         | QYSDSF2608ZA    | TAP SCREW       | M2.6 x 8mm(x5) |                               |
| 18         | QYSDSF2608ZA    | TAP SCREW       | M2.6 x 8mm(x2) |                               |
| 19         | QYSDSF2608ZA    | TAP SCREW       | M2.6 x 8mm(x2) |                               |
| 20         | QYSDSG3008NA    | TAP SCREW       | M3 x 8mm(x2)   |                               |
| 21         | QYSDSG3008NA    | TAP SCREW       | M3 x 8mm(x2)   |                               |
| 22         | GV40313-001A    | FELT SPACER     | (x2)           |                               |
| 23         | QUQU12-1312AJ-E | FFC WIRE        | 13pin 12cm     |                               |
| 24         | GV40313-002A    | FELT SPACER     | (x2)           |                               |
| 25         | GV31045-002A    | BUTTON A/B ASSY |                | 35EE,35UX,35UG,35UN           |
| 25         | GV31045-001A    | BUTTON A/B ASSY |                | 20EE,20UW,10EE                |
| 26         | QYSDSF2608ZA    | TAP SCREW       | M2.6 x 8mm     |                               |
| 27         | GV31035-002A    | VOLUME KNOB     |                |                               |
| 28         | GV31036-002A    | VOLUME RING     |                | 35EE,35UX,35UG,35UN           |
| 28         | GV31036-001A    | VOLUME RING     |                | 20EE,20UW,10EE                |
| 29         | GV40741-004A    | MIC VOL.KNOB    |                |                               |
| 30         | GV30349-060A    | SPACER          | (x2)           |                               |
| 31         | QAL0966-002     | C.MECHA ASSY.   |                |                               |
| 32         | QAL0968-001     | C.MECHA ASSY.   |                |                               |
| 33         | GV30349-044A    | SPACER          |                |                               |
| 34         | QYSDSF2006ZA    | TAP SCREW       | M2 x 6mm(x3)   |                               |
| 35         | QYSDSF2006ZA    | TAP SCREW       | M2 x 6mm(x2)   |                               |
| 36         | GV20476-004A    | CASS.LENS (A)   |                | 35EE,35UX,35UG,35UN           |
| 36         | GV20476-002A    | CASS.LENS (A)   |                | 20EE,20UW                     |
| 36         | GV20476-001A    | CASS.LENS (A)   |                | 10EE                          |
| 37         | GV20477-001A    | CASS.LENS (B)   |                |                               |
| 38         | QYSDSG3006ZA    | TAP SCREW       | M3 x 6mm       |                               |
| 39         | WJM0484-003A-E  | CARD WIRE       | W 200          |                               |
| 40         | WJN0229-003A-E  | CARD WIRE       | W 200          |                               |
| 41         | QYSDSG3006ZA    | TAP SCREW       | M3 x 6mm       |                               |
| 42         | QYSSSF3010ZA    | TAP SCREW       | M3 x 10mm(x2)  |                               |
| 43         | GV30349-073A    | SPACER          |                |                               |
| 44         | QYBSGY3008EA    | TAP SCREW       | M3 x 8mm(x2)   | 35UX,35UG,35UN,20UW           |
| 45         | GV10355-002A    | MECHA CHASSIS   |                |                               |
| 46         | GV10253-005A    | BOTTOM CHASSIS  |                |                               |
| 47         | GV30706-001A    | SUPPORT BKT.    |                |                               |
| 48         | QYSDSG3006ZA    | TAP SCREW       | M3 x 6mm       |                               |
| 49         | QYBSGG3008EA    | TAP SCREW       | M3 x 8mm       |                               |
| 50         | GV10371-001A/S/ | METAL COVER     |                |                               |
| 51         | QYSDSTL4008EA   | TAP SCREW       | M4 x 8mm(x4)   |                               |
| 52         | QMPK200-200-JD  | POWER CORD(EU)  | 2m BLACK       |                               |
| 53         | QZW0033-001     | STRAIN RELIEF   |                |                               |
| 54         | QYSSST3008ZA    | TAP SCREW       | M3 x 8mm(x2)   |                               |
| 55         | QYBSF3010ZA     | TAP SCREW       | M3 x 10mm      |                               |
| 56         | QYSDSG3006ZA    | TAP SCREW       | M3 x 6mm       |                               |
| 57         | GV31044-003A    | HEAT SINK       |                | 35EE,35UX,35UG,35UN           |
| 57         | GV31044-002A    | HEAT SINK       |                | 20EE,20UW                     |
| 57         | GV31044-001A    | HEAT SINK       |                | 10EE                          |
| 58         | QYBSG3016EA     | TAP SCREW       | M3 x 16mm(x2)  |                               |
| 59         | QYBSG3016EA     | TAP SCREW       | M3 x 16mm(x2)  | 35EE,35UX,35UG,35UN           |
| 60         | QYBSGY3008EA    | TAP SCREW       | M3 x 8mm       | 35EE,35UX,35UG,35UN           |
| 61         | QYBSGY3008EA    | TAP SCREW       | M3 x 8mm       |                               |
| 62         | GV10370-021A    | REAR PANEL      |                | 35EE                          |
| 62         | GV10370-019A    | REAR PANEL      |                | 35UX,35UG                     |
| 62         | GV10370-020A    | REAR PANEL      |                | 35UN                          |
| 62         | GV10370-018A    | REAR PANEL      |                | 20EE                          |

| △ | Symbol No. | Part No.        | Part Name    | Description       | Local                         |
|---|------------|-----------------|--------------|-------------------|-------------------------------|
|   | 62         | GV10370-009A    | REAR PANEL   |                   | 20UW                          |
|   | 62         | GV10370-022A    | REAR PANEL   |                   | 10EE                          |
|   | 63         | GV20334-001A    | REAR COVER   |                   |                               |
|   | 64         | QAU0492-001     | TUNER        |                   |                               |
|   | 65         | GV31030-001A    | FAN BRACKET  |                   |                               |
|   | 66         | QAR0453-001     | FAN          |                   |                               |
|   | 67         | GV30349-026A    | SPACER       |                   |                               |
|   | 68         | QYSBSGY3008EA   | TAP SCREW    | M3 x 8mm          |                               |
|   | 69         | QYSBSGY3008EA   | TAP SCREW    | M3 x 8mm(x4)      |                               |
|   | 70         | QYSBSGY3008EA   | TAP SCREW    | M3 x 8mm(x2)      | 35EE,35UX,35UG,35UN           |
|   | 71         | GV40759-002A    | DOOR SPRING  | (x2)              |                               |
|   | 72         | GV40220-001A    | LATCH        | (x2)              |                               |
|   | 73         | GV40034-001A    | DAMPER ASSY. | (x2)              |                               |
|   | 74         | QYSBSF3010ZA    | TAP SCREW    | M3 x 10mm(x8)     |                               |
|   | 75         | QYSBSF3010ZA    | TAP SCREW    | M3 x 10mm(x2)     |                               |
|   | 76         | QUQU12-0606AJ-E | FFC WIRE     | FC 110 6pin 6cm   |                               |
|   | 77         | QUQU12-1719AJ-E | FFC WIRE     | FC 310 17pin 19cm | 35EE,35UX,35UG,35UN           |
|   | 78         | QUR110-0818AJ-E | FFC WIRE     | FC 320            | 35EE,35UG,35UN                |
|   | 79         | QUR110-1021AJ-E | FFC WIRE     | FC 730            | 35EE,35UX,35UG,35UN           |
|   | 79         | QUR110-1020AJ-E | FFC WIRE     | FC 730            | 20EE,20UW,10EE                |
|   | 80         | QYSBSGY3008EA   | TAP SCREW    | M3 x 8mm(x2)      |                               |
|   | 81         | QYSBSGY3008EA   | TAP SCREW    | M3 x 8mm          |                               |
|   | 82         | QYSBSGY3008EA   | TAP SCREW    | M3 x 8mm(x2)      |                               |
|   | 83         | QYSBSGY3008EA   | TAP SCREW    | M3 x 8mm(x2)      | 35EE,35UX,35UG,35UN           |
|   | 84         | QYSBSGY3008EA   | TAP SCREW    | M3 x 8mm          |                               |
|   | 85         | QYSBSGY3008EA   | TAP SCREW    | M3 x 8mm(x2)      |                               |
|   | 86         | QYSBSGY3008EA   | TAP SCREW    | M3 x 8mm(x8)      |                               |
|   | 87         | QYSBSGY3008EA   | TAP SCREW    | M3 x 8mm          |                               |
|   | 88         | QYSBSGY3008EA   | TAP SCREW    | M3 x 8mm          |                               |
|   | 89         | QYSBSGY3008EA   | TAP SCREW    | M3 x 8mm          |                               |
|   | 90         | GV30893-001A    | NUMBER LABEL |                   |                               |
|   | 91         | QYSBSGY3008EA   | TAP SCREW    | M3 x 8mm          | 35EE,20EE,10EE                |
|   | 92         | GV30349-077A    | SPACER       | (x2)              |                               |
|   | 93         | QYSBSF3010ZA    | TAP SCREW    | M3 x 10mm(x5)     |                               |
|   | 94         | GV40762-001A    | HEAT SINK    | HS 600            |                               |
| △ | 95         | QQT0538-001     | POWER TRANSF | T 4001            | 35EE,35UX,35UG,35UN,20EE,20UW |
| △ | 95         | QQT0535-001     | POWER TRANSF | T 4001            | 10EE                          |
| △ | 96         | QMF51W2-4R0-J8  | FUSE         | F411 4A AC250V    |                               |
| △ | 97         | QMF51W2-2R0-J8  | FUSE         | F412 2A AC250V    |                               |
| △ | 98         | QMF51W2-6R3-J8  | FUSE         | F415 6.3A AC250V  |                               |
| △ | 99         | QMF51W2-6R3-J8  | FUSE         | F416 6.3A AC250V  |                               |
| △ | 100        | QMF51W2-4R0-J8  | FUSE         | F417 4A AC250V    |                               |
| △ | 101        | QMF51W2-4R0-J8  | FUSE         | F418 4A AC250V    |                               |
|   | 102        | QUQU12-2113BJ-E | FFC WIRE     | 21pin 13cm        |                               |
|   | 103        | QUR110-1312AJ-E | FFC WIRE     |                   |                               |
|   | 104        | QUQU12-1521AJ-E | FFC WIRE     | 15pin 21cm        |                               |
|   | 105        | QUR110-2813AJ-E | FFC WIRE     |                   |                               |
|   | 106        | QUR110-0511AJ-E | FFC WIRE     |                   |                               |
|   | 107        | QUQU12-2314AJ-E | FFC WIRE     | 23pin 14cm        | 35EE,35UX,35UG,35UN           |
|   | 107        | QUQU12-1714AJ-E | FFC WIRE     | 17pin 14cm        | 20EE,20UW,10EE                |
|   | 108        | QUQU12-2108AJ-E | FFC WIRE     | 21pin 8cm         |                               |
|   | 109        | QUQU12-1111AJ-E | FFC WIRE     | 11pin 11cm        |                               |
|   | 110        | QUQU12-0710BJ-E | FFC WIRE     | 7pin 10cm         |                               |
|   | 111        | LV30225-074A    | SPECER       |                   |                               |

# DVD mechanism assembly and parts list

Block No. M J M M





## DVD mechanism

Block No. [M][J][M][M]

| △  | Symbol No. | Part No.        | Part Name       | Description      | Local |
|----|------------|-----------------|-----------------|------------------|-------|
| 1  |            | LV22234-001A    | TM.CHASSIS      |                  |       |
| 2  |            | LV22294-001A    | C.SPINDLE BASE  |                  |       |
| 3  |            | QYSDST2005ZA    | TAP SCREW       | M2 x 5mm(x2)     |       |
| 4  |            | LV36791-001A    | C.G.S.HOLDER    |                  |       |
| 5  |            | QYSDST2005ZA    | TAP SCREW       | M2 x 5mm         |       |
| 6  |            | LV44041-002A    | GUIDE SHAFT     |                  |       |
| 7  |            | LV44479-001A    | BAR SPRING      |                  |       |
| 8  |            | LV22236-001A    | FEED HOLDER     |                  |       |
| 9  |            | QAR0165-001     | FEED MOTOR      |                  |       |
| 10 |            | QUB549-05A1A1-E | SIN TWIST WIRE  |                  |       |
| 11 |            | QUB544-05A1A1-E | SIN TWIST WIRE  |                  |       |
| 12 |            | LV30225-0X5A    | SPACER          |                  |       |
| 13 |            | LV36557-001A    | F.M.GEAR        |                  |       |
| 14 |            | QYSPSPT2030MA   | SCREW           | M2 x 3mm         |       |
| 15 |            | QYSDST2005ZA    | TAP SCREW       | M2 x 5mm         |       |
| 16 |            | QAL0786-004     | P.UP            |                  |       |
| 17 |            | LV22237-001A    | RACK ARM        |                  |       |
| 18 |            | LV36560-001A    | RACK ARM SPRING |                  |       |
| 19 |            | QYSPSFU1740ZA   | TAP SCREW       | M1.7 x 4mm(x2)   |       |
| 20 |            | QUQK05-2415AC-E | FFC WIRE        | 24pin 15cm       |       |
| 21 |            | LV44041-002A    | GUIDE SHAFT     |                  |       |
| 22 |            | LV36559-001A    | L.S.GEAR        |                  |       |
| 23 |            | LV41517-003A    | LEAD SCREW      |                  |       |
| 24 |            | LV36558-001A    | MIDDLE GEAR     |                  |       |
| 25 |            | LV36556-001A    | SPRING HOLDER   |                  |       |
| 26 |            | LV44623-001A    | COMP.SPRING     |                  |       |
| 27 |            | QYSDST2005ZA    | TAP SCREW       | M2 x 5mm         |       |
| 28 |            | QYSDST2616MA    | TAP SCREW       | M2.6 x 16mm      |       |
| 29 |            | QAR0334-002     | S.MOTOR         |                  |       |
| 30 |            | QYSPSPU1775ZA   | SCREW           | M1.7 x 7.5mm(x3) |       |
| 31 |            | LV44042-001A    | ROD SPRING      | (x2)             |       |
| 32 |            | LE40858-002A    | SPECIAL SCREW   | (x4)             |       |

# DVD changer mechanism and parts list(Only DX-J35)

FMU-SB6-1M

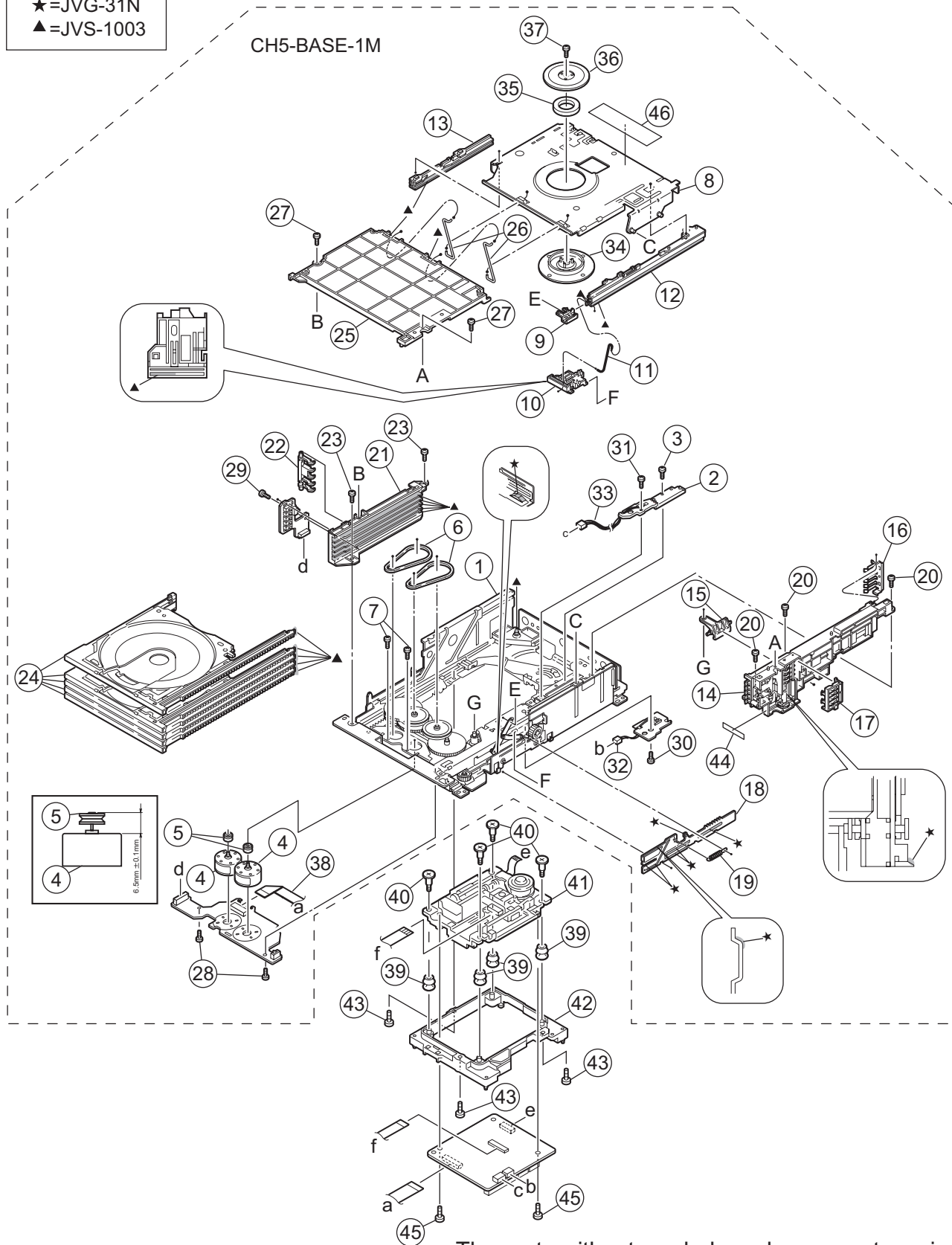
Block No. M K M M

## Grease

★=JVG-31N

▲=JVS-1003

CH5-BASE-1M



The parts without symbol number are not service.

## DVD changer mechanism(Only DX-J35)

Block No. [M][K][M][M]

| △  | Symbol No. | Part No.      | Part Name       | Description       | Local |
|----|------------|---------------|-----------------|-------------------|-------|
| 1  |            | LV10913-001A  | LOADER ASSY     |                   |       |
| 2  |            | QVY0027-B14   | S V RESISTOR    |                   |       |
| 3  |            | QYSDST2004Z   | SCREW           | 2mm x 4mm         |       |
| 4  |            | QAR0164-001   | MOTOR           | (x2)              |       |
| 5  |            | LV42340-001A  | MOTOR PULLEY    | (x2)              |       |
| 6  |            | LV41431-002A  | BELT            | (x2)              |       |
| 7  |            | QYSPSPU1725N  | SCREW           | 1.7mm x 2.5mm(x2) |       |
| 8  |            | LV33965-004A  | LIFTER ASSY     |                   |       |
| 9  |            | LV33963-001A  | HOOK            |                   |       |
| 10 |            | LV33964-002A  | HOOK STOPPER    |                   |       |
| 11 |            | LV43285-001A  | ROD (L)         |                   |       |
| 12 |            | LV21408-002A  | RAIL(R)         |                   |       |
| 13 |            | LV21409-002A  | RAIL(L)         |                   |       |
| 14 |            | LV21520-004A  | SIDE(R) ASSY    |                   |       |
| 15 |            | LV33974-001A  | SELECT LEVER    |                   |       |
| 16 |            | LV33977-002A  | CLICK SPRING    |                   |       |
| 17 |            | LV33975-001A  | GEAR COVER      |                   |       |
| 18 |            | LV33976-001A  | ELEVATOR CAM    |                   |       |
| 19 |            | LV43287-001A  | ELEVATOR SPRING |                   |       |
| 20 |            | QYSDST2605Z   | SCREW           | 2.6mm x 5mm(x3)   |       |
| 21 |            | LV10749-002A  | SIDE(L)         |                   |       |
| 22 |            | LV33980-001A  | OPEN DET.LEVER  |                   |       |
| 23 |            | QYSDST2605Z   | SCREW           | 2.6mm x 5mm(x2)   |       |
| 24 |            | LV10746-003A  | TRAY ASSY       | (x5)              |       |
| 25 |            | LV10750-002A  | TOP COVER       |                   |       |
| 26 |            | LV43289-002A  | ROD             | (x2)              |       |
| 27 |            | QYSDSF2608Z   | SCREW           | 2.6mm x 8mm(x2)   |       |
| 28 |            | QYSDST2605Z   | SCREW           | 2.6mm x 5mm(x2)   |       |
| 29 |            | QYSDSF2608Z   | SCREW           | 2.6mm x 8mm       |       |
| 30 |            | QYSDST2605Z   | SCREW           | 2.6mm x 5mm       |       |
| 31 |            | QYSDST2004Z   | SCREW           | 2mm x 4mm         |       |
| 32 |            | WJM0330-002A  | E-SI C WIRE C-F |                   |       |
| 33 |            | WJM0331-001A  | E-SI C WIRE C-F |                   |       |
| 34 |            | LV32417-001A  | CLAMPER         |                   |       |
| 35 |            | LV42930-003A  | P.C.MAGNET      |                   |       |
| 36 |            | LV33992-001A  | DVD YOKE        |                   |       |
| 37 |            | LV41741-001A  | SPECIAL SCREW   |                   |       |
| 38 |            | QUQ110-1508BJ | FFC WIRE        |                   |       |
| 39 |            | LV44043-001A  | INSULATOR       | (x4)              |       |
| 40 |            | LV44045-001A  | SPECIAL SCREW   | (x4)              |       |
| 41 |            | -----         | DVD TRAMECHA    |                   |       |
| 42 |            | LV11281-002A  | TM CB HOLDER    |                   |       |
| 43 |            | QYSDST2605ZA  | TAP SCREW       | M2.6 x 5mm(x3)    |       |
| 44 |            | LV30227-044A  | SPACER          |                   |       |
| 45 |            | LV44209-001A  | WASHER SCREW    | (x2)              |       |
| 46 |            | LV44603-003A  | LASER CAUTION   |                   |       |

# DVD changer assembly and parts list(Except DX-J35)

FMU-SB6-11M

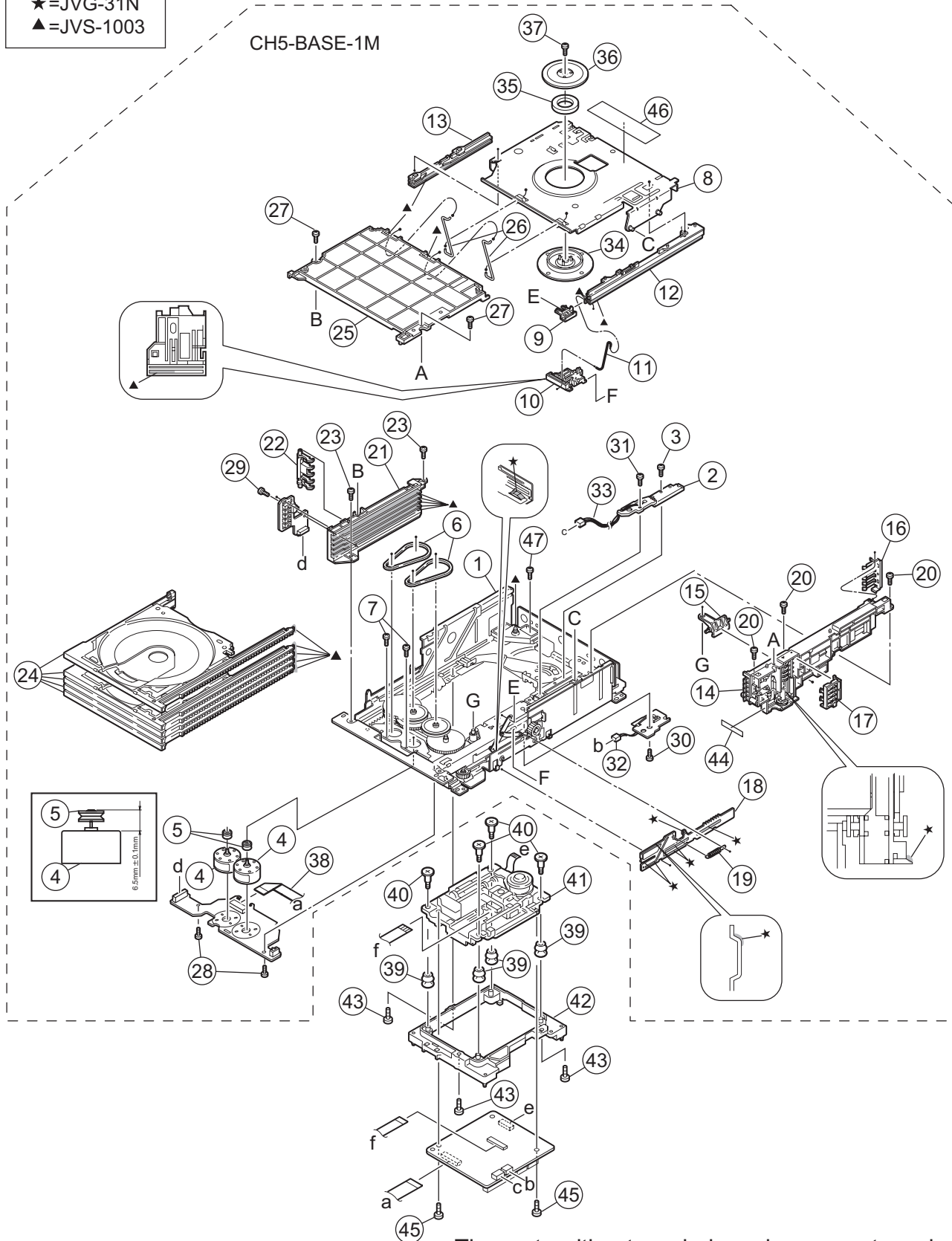
Block No. M T M M

## Grease

★=JVG-31N

▲=JVS-1003

CH5-BASE-1M



The parts without symbol number are not service.

## DVD changer mechanism(Except DX-J35)

Block No. [M][T][M][M]

| △  | Symbol No. | Part No.       | Part Name       | Description      | Local |
|----|------------|----------------|-----------------|------------------|-------|
| 1  |            | LV10913-004A   | LOADER ASSY     |                  |       |
| 2  |            | QVY0027-B14    | S V RESISTOR    |                  |       |
| 3  |            | QYSDST2004ZA   | TAP SCREW       | M2 x 4mm         |       |
| 4  |            | QAR0164-001    | MOTOR           | (x2)             |       |
| 5  |            | LV42340-001A   | MOTOR PULLEY    | (x2)             |       |
| 6  |            | LV41431-002A   | BELT            | (x2)             |       |
| 7  |            | QYSPSPU1725NA  | SCREW           | M1.7 x 2.5mm(x2) |       |
| 8  |            | LV33965-004A   | LIFTER ASSY     |                  |       |
| 9  |            | LV33963-001A   | HOOK            |                  |       |
| 10 |            | LV33964-002A   | HOOK STOPPER    |                  |       |
| 11 |            | LV43285-001A   | ROD (L)         |                  |       |
| 12 |            | LV21408-002A   | RAIL(R)         |                  |       |
| 13 |            | LV21409-002A   | RAIL(L)         |                  |       |
| 14 |            | LV21520-004A   | SIDE(R) ASSY    |                  |       |
| 15 |            | LV33974-002A   | SELECT LEVER    |                  |       |
| 16 |            | LV33977-002A   | CLICK SPRING    |                  |       |
| 17 |            | LV33975-001A   | GEAR COVER      |                  |       |
| 18 |            | LV33976-002A   | ELEVATOR CAM    |                  |       |
| 19 |            | LV43287-001A   | ELEVATOR SPRING |                  |       |
| 20 |            | QYSDST2605ZA   | TAP SCREW       | M2.6 x 5mm(x3)   |       |
| 21 |            | LV10749-002A   | SIDE(L)         |                  |       |
| 22 |            | LV33980-002A   | OPEN DET.LEVER  |                  |       |
| 23 |            | QYSDST2605ZA   | TAP SCREW       | M2.6 x 5mm(x2)   |       |
| 24 |            | LV10746-006A   | TRAY ASSY       | (x5)             |       |
| 25 |            | LV10750-003A   | TOP COVER       |                  |       |
| 26 |            | LV43289-003A   | ROD             | (x2)             |       |
| 27 |            | QYSDSF2608ZA   | TAP SCREW       | M2.6 x 8mm(x2)   |       |
| 28 |            | QYSDST2605ZA   | TAP SCREW       | M2.6 x 5mm(x2)   |       |
| 29 |            | QYSDSF2608ZA   | TAP SCREW       | M2.6 x 8mm       |       |
| 30 |            | QYSDST2605ZA   | TAP SCREW       | M2.6 x 5mm       |       |
| 31 |            | QYSDST2004ZA   | TAP SCREW       | M2 x 4mm         |       |
| 32 |            | WJM0330-002A-E | E-SI C WIRE C-F |                  |       |
| 33 |            | WJM0331-001A-E | E-SI C WIRE C-F |                  |       |
| 34 |            | LV32417-001A   | CLAMPER         |                  |       |
| 35 |            | LV42930-003A   | P.C.MAGNET      |                  |       |
| 36 |            | LV33992-001A   | DVD YOKE        |                  |       |
| 37 |            | LV41741-003A   | SPECIAL SCREW   |                  |       |
| 38 |            | QUQ110-1508BJ  | FFC WIRE        | 15pin 8cm        |       |
| 39 |            | LV44043-001A   | INSULATOR       | (x4)             |       |
| 40 |            | LV44045-001A   | SPECIAL SCREW   | (x4)             |       |
| 41 |            | -----          | DVD TRAMECHA    |                  |       |
| 42 |            | LV11281-002A   | TM CB HOLDER    |                  |       |
| 43 |            | QYSDST2605ZA   | TAP SCREW       | M2.6 x 5mm(x3)   |       |
| 44 |            | LV30227-044A   | SPACER          |                  |       |
| 45 |            | LV44209-001A   | WASHER SCREW    | (x2)             |       |
| 46 |            | LV44603-003A   | LASER CAUTION   |                  |       |
| 47 |            | QYSDST2605ZA   | SCREW           | M2.6 x 5 mm      |       |

Electrical parts list

AMP board

| Block No. [0][1] |                 |                 |             |                                       |
|------------------|-----------------|-----------------|-------------|---------------------------------------|
| △ Symbol No.     | Part No.        | Part Name       | Description | Local                                 |
| IC101            | PT6324-HT       | IC              |             |                                       |
| IC102            | GP1UM281XKV     | IC              |             |                                       |
| △ IC310          | STK433-240A-E   | POWER IC        |             | 35EE,35UX,<br>35UG,35UN               |
| IC350            | R2S15904SP-X    | IC              |             | 35EE,35UX,<br>35UG,35UN               |
| IC360            | R2S15904SP-X    | IC              |             | 35EE,35UX,<br>35UG,35UN               |
| IC700            | NJM4565E-X      | IC              |             | 35EE,35UX,<br>35UG,35UN               |
| IC710            | NJM4565E-X      | IC              |             | 35EE,35UX,<br>35UG,35UN               |
| IC730            | R2S15207FP-X    | IC              |             |                                       |
| IC750            | NJM4565E-X      | IC              |             |                                       |
| IC751            | TC4066BFT-X     | IC              |             |                                       |
| IC770            | RT3Y97M-X       | IC              |             |                                       |
| IC780            | NJM4565E-X      | IC              |             | 35EE,35UX,<br>35UG,35UN,<br>20EE,20UW |
| △ IC820          | STK415-100-E    | POWER IC        |             | 35EE,35UX,<br>35UG,35UN,<br>10EE      |
| △ IC820          | STK416-100-E    | POWER IC        |             | 20EE,20UW                             |
| Q1001            | RT1N140C-X      | DIGI TRANSISTOR |             |                                       |
| Q1002            | RT1N140C-X      | DIGI TRANSISTOR |             |                                       |
| Q1003            | RT1N140C-X      | DIGI TRANSISTOR |             |                                       |
| Q3201            | KTC3199/GL/-T   | TRANSISTOR      |             | 35EE,35UX,<br>35UG,35UN               |
| Q3301            | KTC3199/GL/-T   | TRANSISTOR      |             | 35EE,35UX,<br>35UG,35UN               |
| Q3401            | KTC3199/GL/-T   | TRANSISTOR      |             | 35EE,35UX,<br>35UG,35UN               |
| Q3609            | RT6N140C-X      | TRANSISTOR      |             | 35EE,35UX,<br>35UG,35UN               |
| Q3709            | RT6N140C-X      | TRANSISTOR      |             | 35EE,35UX,<br>35UG,35UN               |
| Q3802            | RT6N140C-X      | TRANSISTOR      |             | 35EE,35UX,<br>35UG,35UN               |
| Q3901            | 2SC3928A/QR/-X  | TRANSISTOR      |             | 35EE,35UX,<br>35UG,35UN               |
| Q7400            | RT6N140C-X      | TRANSISTOR      |             |                                       |
| Q7405            | RT6N140C-X      | TRANSISTOR      |             |                                       |
| Q7410            | RT6N140C-X      | TRANSISTOR      |             |                                       |
| Q7415            | RT6N140C-X      | TRANSISTOR      |             |                                       |
| Q7420            | 2SC5938A/B/-X   | TRANSISTOR      |             |                                       |
| Q7430            | 2SC5938A/B/-X   | TRANSISTOR      |             |                                       |
| Q7515            | RT1N441C-X      | TRANSISTOR      |             |                                       |
| Q7516            | RT1N441C-X      | TRANSISTOR      |             |                                       |
| Q7600            | RT6N140C-X      | TRANSISTOR      |             |                                       |
| Q7605            | RT6N140C-X      | TRANSISTOR      |             |                                       |
| Q7610            | RT6N140C-X      | TRANSISTOR      |             |                                       |
| Q7615            | RT6N140C-X      | TRANSISTOR      |             |                                       |
| Q7620            | RT6N140C-X      | TRANSISTOR      |             |                                       |
| Q7630            | RT6N140C-X      | TRANSISTOR      |             |                                       |
| Q7750            | RT6N140C-X      | TRANSISTOR      |             | 35EE,35UX,<br>35UG,35UN,<br>20EE,20UW |
| Q7751            | RT6N140C-X      | TRANSISTOR      |             | 35EE,35UX,<br>35UG,35UN               |
| Q8100            | KTC3200/GL/-T   | TRANSISTOR      |             |                                       |
| Q8101            | 2SA1530A/QR/-X  | TRANSISTOR      |             | 35EE,35UX,<br>35UG,35UN               |
| Q8101            | ISA1530AC1/QR/X | TRANSISTOR      |             | 20EE,20UW<br>,10EE                    |
| Q8102            | 2SC3928A/QR/-X  | TRANSISTOR      |             |                                       |
| Q8103            | KTA1268/GL/-T   | TRANSISTOR      |             |                                       |
| Q8210            | KTC3199/GL/-T   | TRANSISTOR      |             |                                       |
| Q8220            | KTC3199/GL/-T   | TRANSISTOR      |             |                                       |
| Q8250            | KTC3199/GL/-T   | TRANSISTOR      |             |                                       |
| Q8400            | RT1N431C-X      | TRANSISTOR      |             | 20EE,20UW                             |
| D1001            | SLR-343VC-T     | LED             |             |                                       |
| D1002            | SLR-343VC-T     | LED             |             |                                       |

| △ Symbol No. | Part No.     | Part Name   | Description  | Local                   |
|--------------|--------------|-------------|--------------|-------------------------|
| D1003        | SLR-343VC-T  | LED         |              |                         |
| D3201        | MA111-X      | SI DIODE    |              | 35EE,35UX,<br>35UG,35UN |
| D3301        | MA111-X      | SI DIODE    |              | 35EE,35UX,<br>35UG,35UN |
| D3401        | MA111-X      | SI DIODE    |              | 35EE,35UX,<br>35UG,35UN |
| D3901        | MA111-X      | SI DIODE    |              | 35EE,35UX,<br>35UG,35UN |
| D7440        | MA111-X      | SI DIODE    |              |                         |
| D7441        | MA111-X      | SI DIODE    |              |                         |
| D7442        | MA111-X      | SI DIODE    |              |                         |
| D7640        | MA111-X      | SI DIODE    |              |                         |
| D7641        | MA111-X      | SI DIODE    |              |                         |
| D7642        | MA111-X      | SI DIODE    |              |                         |
| D8100        | MA111-X      | SI DIODE    |              |                         |
| D8200        | UDZW15B-X    | Z DIODE     |              |                         |
| D8201        | UDZW36B-X    | Z DIODE     |              |                         |
| D8202        | UDZW15B-X    | Z DIODE     |              |                         |
| D8203        | UDZW36B-X    | Z DIODE     |              |                         |
| D8204        | 1N5402M-20   | SI DIODE    |              |                         |
| D8205        | 1N5402M-20   | SI DIODE    |              |                         |
| D8210        | MA111-X      | SI DIODE    |              |                         |
| D8220        | MA111-X      | SI DIODE    |              |                         |
| D8250        | MA111-X      | SI DIODE    |              | 20EE,20UW               |
| D8310        | MA111-X      | SI DIODE    |              |                         |
| D8320        | MA111-X      | SI DIODE    |              |                         |
| D8400        | MA111-X      | SI DIODE    |              |                         |
| C1008        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  |                         |
| C1010        | QETN1EM-476Z | E CAPACITOR | 47uF 25V M   |                         |
| C1012        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M    |                         |
| C1013        | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |                         |
| C1015        | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K  |                         |
| C1029        | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K  |                         |
| C3201        | NDC31HJ-3R0X | C CAPACITOR | 3pF 50V J    | 35EE,35UX,<br>35UG,35UN |
| C3202        | NDC31HJ-5R0X | C CAPACITOR | 5pF 50V J    | 35EE,35UX,<br>35UG,35UN |
| C3203        | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K  | 35EE,35UX,<br>35UG,35UN |
| C3204        | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K  | 35EE,35UX,<br>35UG,35UN |
| C3301        | NDC31HJ-3R0X | C CAPACITOR | 3pF 50V J    | 35EE,35UX,<br>35UG,35UN |
| C3302        | NDC31HJ-5R0X | C CAPACITOR | 5pF 50V J    | 35EE,35UX,<br>35UG,35UN |
| C3303        | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K  | 35EE,35UX,<br>35UG,35UN |
| C3304        | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K  | 35EE,35UX,<br>35UG,35UN |
| C3401        | NDC31HJ-3R0X | C CAPACITOR | 3pF 50V J    | 35EE,35UX,<br>35UG,35UN |
| C3402        | NDC31HJ-5R0X | C CAPACITOR | 5pF 50V J    | 35EE,35UX,<br>35UG,35UN |
| C3403        | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K  | 35EE,35UX,<br>35UG,35UN |
| C3404        | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K  | 35EE,35UX,<br>35UG,35UN |
| C3503        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M   | 35EE,35UX,<br>35UG,35UN |
| C3504        | QETN1HM-104Z | E CAPACITOR | 0.1uF 50V M  | 35EE,35UX,<br>35UG,35UN |
| C3510        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M   | 35EE,35UX,<br>35UG,35UN |
| C3511        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M  | 35EE,35UX,<br>35UG,35UN |
| C3512        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M  | 35EE,35UX,<br>35UG,35UN |
| C3514        | NCB31HK-471X | C CAPACITOR | 470pF 50V K  | 35EE,35UX,<br>35UG,35UN |
| C3515        | QEZ0863-106Z | M CAPACITOR | 10uF         | 35EE,35UX,<br>35UG,35UN |
| C3516        | NDC31HJ-101X | C CAPACITOR | 100pF 50V J  | 35EE,35UX,<br>35UG,35UN |
| C3517        | QEZ0863-226Z | E CAPACITOR | 22uF         | 35EE,35UX,<br>35UG,35UN |
| C3603        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M   | 35EE,35UX,<br>35UG,35UN |



| △ Symbol No. | Part No.     | Part Name    | Description   | Local                            | △ Symbol No. | Part No.     | Part Name    | Description   | Local                                 |
|--------------|--------------|--------------|---------------|----------------------------------|--------------|--------------|--------------|---------------|---------------------------------------|
| C3604        | QETN1HM-104Z | E CAPACITOR  | 0.1uF 50V M   | 35EE,35UX,<br>35UG,35UN          | C7319        | QFLC1HJ-103Z | M CAPACITOR  | 0.01uF 50V J  | 20EE,20UW                             |
| C3605        | QETN1HM-105Z | E CAPACITOR  | 1uF 50V M     | 35EE,35UX,<br>35UG,35UN          | C7321        | QFVF1HJ-274Z | MF CAPACITOR | 0.27uF 50V J  |                                       |
| C3608        | QETN1CM-107Z | E CAPACITOR  | 100uF 16V M   | 35EE,35UX,<br>35UG,35UN          | C7322        | QFLC1HJ-104Z | M CAPACITOR  | 0.1uF 50V J   |                                       |
| C3609        | QEZ0863-106Z | M CAPACITOR  | 10uF          | 35EE,35UX,<br>35UG,35UN          | C7323        | QEZ0863-336Z | E CAPACITOR  | 33uF          |                                       |
| C3610        | NCB31HK-471X | C CAPACITOR  | 470pF 50V K   | 35EE,35UX,<br>35UG,35UN          | C7324        | QFLC1HJ-683Z | M CAPACITOR  | 0.068uF 50V J |                                       |
| C3616        | NDC31HJ-101X | C CAPACITOR  | 100pF 50V J   | 35EE,35UX,<br>35UG,35UN          | C7331        | QFVF1HJ-274Z | MF CAPACITOR | 0.27uF 50V J  |                                       |
| C3617        | QEZ0863-226Z | E CAPACITOR  | 22uF          | 35EE,35UX,<br>35UG,35UN          | C7332        | QFLC1HJ-104Z | M CAPACITOR  | 0.1uF 50V J   |                                       |
| C3703        | QETN1HM-106Z | E CAPACITOR  | 10uF 50V M    | 35EE,35UX,<br>35UG,35UN          | C7333        | QEZ0863-336Z | E CAPACITOR  | 33uF          |                                       |
| C3704        | QETN1HM-104Z | E CAPACITOR  | 0.1uF 50V M   | 35EE,35UX,<br>35UG,35UN          | C7334        | QFLC1HJ-683Z | M CAPACITOR  | 0.068uF 50V J |                                       |
| C3705        | QETN1HM-105Z | E CAPACITOR  | 1uF 50V M     | 35EE,35UX,<br>35UG,35UN          | C7340        | QEZ0863-476Z | E CAPACITOR  | 47uF          | 35EE,35UX,<br>35UG,35UN               |
| C3709        | QEZ0863-106Z | M CAPACITOR  | 10uF          | 35EE,35UX,<br>35UG,35UN          | C7340        | QEZ0863-336Z | E CAPACITOR  | 33uF          | 20EE,20UW                             |
| C3710        | NCB31HK-471X | C CAPACITOR  | 470pF 50V K   | 35EE,35UX,<br>35UG,35UN          | C7340        | QETN1JM-476Z | E CAPACITOR  | 47uF 63V M    | 10EE                                  |
| C3716        | NDC31HJ-101X | C CAPACITOR  | 100pF 50V J   | 35EE,35UX,<br>35UG,35UN          | C7343        | QEZ0863-107Z | E CAPACITOR  | 100uF         |                                       |
| C3717        | QEZ0863-226Z | E CAPACITOR  | 22uF          | 35EE,35UX,<br>35UG,35UN          | C7344        | NCB31HK-473X | C CAPACITOR  | 0.047uF 50V K |                                       |
| C3718        | QEZ0863-226Z | E CAPACITOR  | 22uF          | 35EE,35UX,<br>35UG,35UN          | C7345        | QETN1HM-105Z | E CAPACITOR  | 1uF 50V M     |                                       |
| C3818        | QEZ0863-226Z | E CAPACITOR  | 22uF          | 35EE,35UX,<br>35UG,35UN          | C7442        | QETN1HM-105Z | E CAPACITOR  | 1uF 50V M     |                                       |
| C3901        | NCB31HK-104X | C CAPACITOR  | 0.1uF 50V K   | 35EE,35UX,<br>35UG,35UN          | C7445        | QETN1EM-476Z | E CAPACITOR  | 47uF 25V M    |                                       |
| C3918        | QEZ0863-226Z | E CAPACITOR  | 22uF          | 35EE,35UX,<br>35UG,35UN          | C7501        | QFVF1HJ-124Z | MF CAPACITOR | 0.12uF 50V J  |                                       |
| C7000        | QEZ0863-106Z | M CAPACITOR  | 10uF          | 35EE,35UX,<br>35UG,35UN          | C7502        | QFLC1HJ-823Z | M CAPACITOR  | 0.082uF 50V J |                                       |
| C7001        | QFLC1HJ-223Z | M CAPACITOR  | 0.022uF 50V J | 35EE,35UX,<br>35UG,35UN          | C7503        | QEZ0863-106Z | M CAPACITOR  | 10uF          |                                       |
| C7002        | QFLC1HJ-223Z | M CAPACITOR  | 0.022uF 50V J | 35EE,35UX,<br>35UG,35UN          | C7511        | QFVF1HJ-124Z | MF CAPACITOR | 0.12uF 50V J  |                                       |
| C7040        | QETN1AM-108Z | E CAPACITOR  | 1000uF 10V M  |                                  | C7512        | QFLC1HJ-823Z | M CAPACITOR  | 0.082uF 50V J |                                       |
| C7050        | QEZ0863-107Z | E CAPACITOR  | 100uF         |                                  | C7513        | QEZ0863-106Z | M CAPACITOR  | 10uF          |                                       |
| C7100        | QEZ0863-106Z | M CAPACITOR  | 10uF          | 35EE,35UX,<br>35UG,35UN          | C7515        | QETM1AM-228  | E CAPACITOR  | 2200uF 10V M  | 35EE,35UX,<br>35UG,35UN,<br>10EE      |
| C7101        | NDC31HJ-151X | C CAPACITOR  | 150pF 50V J   | 35EE,35UX,<br>35UG,35UN          | C7515        | QETN1AM-108Z | E CAPACITOR  | 1000uF 10V M  | 20EE,20UW                             |
| C7110        | QEZ0863-106Z | M CAPACITOR  | 10uF          | 35EE,35UX,<br>35UG,35UN          | C7540        | QEZ0863-476Z | E CAPACITOR  | 47uF          | 35EE,35UX,<br>35UG,35UN               |
| C7111        | NDC31HJ-151X | C CAPACITOR  | 150pF 50V J   | 35EE,35UX,<br>35UG,35UN          | C7540        | QEZ0863-336Z | E CAPACITOR  | 33uF          | 20EE,20UW                             |
| C7140        | QETN1AM-477Z | E CAPACITOR  | 470uF 10V M   |                                  | C7540        | QETN1JM-476Z | E CAPACITOR  | 47uF 63V M    | 10EE                                  |
| C7300        | QEZ0863-336Z | E CAPACITOR  | 33uF          |                                  | C7642        | QETN1HM-105Z | E CAPACITOR  | 1uF 50V M     |                                       |
| C7301        | QETN1HM-106Z | E CAPACITOR  | 10uF 50V M    |                                  | C7645        | QETN1EM-476Z | E CAPACITOR  | 47uF 25V M    |                                       |
| C7302        | QETN1HM-106Z | E CAPACITOR  | 10uF 50V M    |                                  | C7700        | QETN1HM-106Z | E CAPACITOR  | 10uF 50V M    |                                       |
| C7303        | QETN1HM-106Z | E CAPACITOR  | 10uF 50V M    |                                  | C7800        | QFLC1HJ-123Z | M CAPACITOR  | 0.012uF 50V J | 20EE,20UW                             |
| C7304        | QETN1HM-106Z | E CAPACITOR  | 10uF 50V M    |                                  | C7801        | QFLC1HJ-123Z | M CAPACITOR  | 0.012uF 50V J | 20EE,20UW                             |
| C7306        | QEZ0863-106Z | M CAPACITOR  | 10uF          |                                  | C7802        | QFLC1HJ-104Z | M CAPACITOR  | 0.1uF 50V J   | 20EE,20UW                             |
| C7307        | QFG32AJ-272Z | PP CAPACITOR | 2700pF 100V J | 35EE,35UX,<br>35UG,35UN,<br>10EE | C7803        | QEZ0863-476Z | E CAPACITOR  | 47uF          | 35EE,35UX,<br>35UG,35UN               |
| C7307        | QFG32AJ-472Z | PP CAPACITOR | 4700pF 100V J | 35EE,35UX,<br>35UG,35UN,<br>10EE | C7803        | QEZ0863-336Z | E CAPACITOR  | 33uF          | 20EE,20UW                             |
| C7308        | QFLC1HJ-104Z | M CAPACITOR  | 0.1uF 50V J   |                                  | C8000        | QEZ0865-338  | E CAPACITOR  | 3300uF        | 35EE,35UX,<br>35UG,35UN,<br>10EE      |
| C7309        | QFLC1HJ-822Z | M CAPACITOR  | 8200pF 50V J  | 35EE,35UX,<br>35UG,35UN,<br>10EE | C8010        | QEZ0510-478  | E CAPACITOR  | 4700uF M      | 20EE,20UW                             |
| C7309        | QFLC1HJ-103Z | M CAPACITOR  | 0.01uF 50V J  | 20EE,20UW                        | C8010        | QEZ0865-338  | E CAPACITOR  | 3300uF        | 35EE,35UX,<br>35UG,35UN,<br>10EE      |
| C7310        | QEZ0863-336Z | E CAPACITOR  | 33uF          |                                  | C8010        | QEZ0510-478  | E CAPACITOR  | 4700uF M      | 20EE,20UW                             |
| C7311        | QETN1HM-106Z | E CAPACITOR  | 10uF 50V M    |                                  | C8020        | QEZ0743-478  | E CAPACITOR  | 4700uF 35V M  | 35EE,35UX,<br>35UG,35UN,<br>20EE,20UW |
| C7312        | QETN1HM-106Z | E CAPACITOR  | 10uF 50V M    |                                  | C8020        | QEZ0786-688  | E CAPACITOR  | 6800uF        | 10EE                                  |
| C7313        | QETN1HM-106Z | E CAPACITOR  | 10uF 50V M    |                                  | C8030        | QEZ0743-478  | E CAPACITOR  | 4700uF 35V M  | 35EE,35UX,<br>35UG,35UN,<br>20EE,20UW |
| C7314        | QETN1HM-106Z | E CAPACITOR  | 10uF 50V M    |                                  | C8030        | QEZ0786-688  | E CAPACITOR  | 6800uF        | 10EE                                  |
| C7316        | QEZ0863-106Z | M CAPACITOR  | 10uF          |                                  | C8100        | QETN1HM-106Z | E CAPACITOR  | 10uF 50V M    |                                       |
| C7317        | QFG32AJ-272Z | PP CAPACITOR | 2700pF 100V J | 35EE,35UX,<br>35UG,35UN,<br>10EE | C8101        | QETN1EM-476Z | E CAPACITOR  | 47uF 25V M    |                                       |
| C7317        | QFG32AJ-472Z | PP CAPACITOR | 4700pF 100V J | 35EE,35UX,<br>35UG,35UN,<br>10EE | C8102        | QETN1HM-106Z | E CAPACITOR  | 10uF 50V M    |                                       |
| C7318        | QFLC1HJ-104Z | M CAPACITOR  | 0.1uF 50V J   |                                  | C8200        | NCB31HK-104X | C CAPACITOR  | 0.1uF 50V K   |                                       |
| C7319        | QFLC1HJ-822Z | M CAPACITOR  | 8200pF 50V J  | 35EE,35UX,<br>35UG,35UN,<br>10EE | C8201        | NCB31HK-104X | C CAPACITOR  | 0.1uF 50V K   |                                       |
|              |              |              |               |                                  | C8202        | NCB31HK-104X | C CAPACITOR  | 0.1uF 50V K   |                                       |
|              |              |              |               |                                  | C8203        | NCB31HK-104X | C CAPACITOR  | 0.1uF 50V K   |                                       |
|              |              |              |               |                                  | C8210        | QEZ0863-106Z | M CAPACITOR  | 10uF          | 35EE,35UX,<br>35UG,35UN,<br>10EE      |
|              |              |              |               |                                  | C8210        | QTE1J46-106Z | E CAPACITOR  | 10uF 63V      | 20EE,20UW                             |
|              |              |              |               |                                  | C8211        | NCB31HK-471X | C CAPACITOR  | 470pF 50V K   |                                       |
|              |              |              |               |                                  | C8212        | NDC31HJ-101X | C CAPACITOR  | 100pF 50V J   |                                       |
|              |              |              |               |                                  | C8213        | NDC31HJ-3R0X | C CAPACITOR  | 3pF 50V J     |                                       |
|              |              |              |               |                                  | C8214        | QEZ0863-476Z | E CAPACITOR  | 47uF          | 35EE,35UX,<br>35UG,35UN,<br>10EE      |
|              |              |              |               |                                  | C8214        | QTE1E46-107Z | E CAPACITOR  | 100uF 25V     | 20EE,20UW                             |
|              |              |              |               |                                  | C8216        | NCB31HK-104X | C CAPACITOR  | 0.1uF 50V K   |                                       |
|              |              |              |               |                                  | C8217        | NCB31HK-104X | C CAPACITOR  | 0.1uF 50V K   |                                       |
|              |              |              |               |                                  | C8218        | QEZ0863-476Z | E CAPACITOR  | 47uF          | 35EE,35UX,<br>35UG,35UN,<br>10EE      |

| △ Symbol No. | Part No.     | Part Name      | Description   | Local                    | △ Symbol No. | Part No.     | Part Name      | Description   | Local               |
|--------------|--------------|----------------|---------------|--------------------------|--------------|--------------|----------------|---------------|---------------------|
| C8218        | QTE1E46-107Z | E CAPACITOR    | 100uF 25V     | 20EE,20UW                | R3206        | NRSA63J-473X | MG RESISTOR    | 47kΩ 1/16W J  | 35EE,35UX,35UG,35UN |
| C8220        | QEZ0863-106Z | M CAPACITOR    | 10uF          | 35EE,35UX,35UG,35UN,10EE | R3207        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J | 35EE,35UX,35UG,35UN |
| C8220        | QTE1J46-106Z | E CAPACITOR    | 10uF 63V      | 20EE,20UW                | △ R3208      | QRJ146J-4R7X | UNF C RESISTOR | 4.7Ω 1/4W J   | 35EE,35UX,35UG,35UN |
| C8221        | NCB31HK-471X | C CAPACITOR    | 470pF 50V K   |                          | △ R3209      | QRJ146J-4R7X | UNF C RESISTOR | 4.7Ω 1/4W J   | 35EE,35UX,35UG,35UN |
| C8222        | NDC31HJ-101X | C CAPACITOR    | 100pF 50V J   |                          | △ R3301      | QRZ0224-R22  | EMIT RESISTOR  | 0.22Ω         | 35EE,35UX,35UG,35UN |
| C8223        | NDC31HJ-3R0X | C CAPACITOR    | 3pF 50V J     |                          | R3302        | NRSA63J-563X | MG RESISTOR    | 56kΩ 1/16W J  | 35EE,35UX,35UG,35UN |
| C8224        | QEZ0863-476Z | E CAPACITOR    | 47uF          | 35EE,35UX,35UG,35UN,10EE | R3303        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   | 35EE,35UX,35UG,35UN |
| C8224        | QTE1E46-107Z | E CAPACITOR    | 100uF 25V     | 20EE,20UW                | R3304        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   | 35EE,35UX,35UG,35UN |
| C8226        | NCB31HK-104X | C CAPACITOR    | 0.1uF 50V K   |                          | R3305        | NRSA63J-562X | MG RESISTOR    | 5.6kΩ 1/16W J | 35EE,35UX,35UG,35UN |
| C8227        | NCB31HK-104X | C CAPACITOR    | 0.1uF 50V K   |                          | R3306        | NRSA63J-473X | MG RESISTOR    | 47kΩ 1/16W J  | 35EE,35UX,35UG,35UN |
| C8228        | QEZ0863-476Z | E CAPACITOR    | 47uF          | 35EE,35UX,35UG,35UN,10EE | R3307        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J | 35EE,35UX,35UG,35UN |
| C8228        | QTE1E46-107Z | E CAPACITOR    | 100uF 25V     | 20EE,20UW                | △ R3308      | QRJ146J-4R7X | UNF C RESISTOR | 4.7Ω 1/4W J   | 35EE,35UX,35UG,35UN |
| C8250        | QTE1J46-106Z | E CAPACITOR    | 10uF 63V      | 20EE,20UW                | △ R3309      | QRJ146J-4R7X | UNF C RESISTOR | 4.7Ω 1/4W J   | 35EE,35UX,35UG,35UN |
| C8251        | NCB31HK-471X | C CAPACITOR    | 470pF 50V K   |                          | △ R3401      | QRZ0224-R22  | EMIT RESISTOR  | 0.22Ω         | 35EE,35UX,35UG,35UN |
| C8252        | NDC31HJ-101X | C CAPACITOR    | 100pF 50V J   |                          | R3402        | NRSA63J-563X | MG RESISTOR    | 56kΩ 1/16W J  | 35EE,35UX,35UG,35UN |
| C8253        | NDC31HJ-3R0X | C CAPACITOR    | 3pF 50V J     |                          | R3403        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   | 35EE,35UX,35UG,35UN |
| C8254        | QTE1E46-107Z | E CAPACITOR    | 100uF 25V     | 20EE,20UW                | R3404        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   | 35EE,35UX,35UG,35UN |
| C8256        | NCB31HK-104X | C CAPACITOR    | 0.1uF 50V K   |                          | R3405        | NRSA63J-562X | MG RESISTOR    | 5.6kΩ 1/16W J | 35EE,35UX,35UG,35UN |
| C8257        | NCB31HK-104X | C CAPACITOR    | 0.1uF 50V K   |                          | R3406        | NRSA63J-473X | MG RESISTOR    | 47kΩ 1/16W J  | 35EE,35UX,35UG,35UN |
| C8258        | QTE1E46-107Z | E CAPACITOR    | 100uF 25V     | 20EE,20UW                | R3407        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J | 35EE,35UX,35UG,35UN |
| R1001        | NRSA63J-221X | MG RESISTOR    | 220Ω 1/16W J  |                          | △ R3408      | QRJ146J-4R7X | UNF C RESISTOR | 4.7Ω 1/4W J   | 35EE,35UX,35UG,35UN |
| R1002        | NRSA63J-221X | MG RESISTOR    | 220Ω 1/16W J  |                          | △ R3409      | QRJ146J-4R7X | UNF C RESISTOR | 4.7Ω 1/4W J   | 35EE,35UX,35UG,35UN |
| R1003        | NRSA63J-221X | MG RESISTOR    | 220Ω 1/16W J  |                          | R3501        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    | 35EE,35UX,35UG,35UN |
| R1005        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |                          | R3503        | NRSA63J-473X | MG RESISTOR    | 47kΩ 1/16W J  | 35EE,35UX,35UG,35UN |
| R1006        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |                          | R3504        | NRSA63J-473X | MG RESISTOR    | 47kΩ 1/16W J  | 35EE,35UX,35UG,35UN |
| R1007        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |                          | R3508        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   | 35EE,35UX,35UG,35UN |
| R1008        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |                          | R3509        | NRSA63J-563X | MG RESISTOR    | 56kΩ 1/16W J  | 35EE,35UX,35UG,35UN |
| R1009        | NRSA63J-823X | MG RESISTOR    | 82kΩ 1/16W J  |                          | △ R3511      | QRJ146J-561X | UNF C RESISTOR | 560Ω 1/4W J   | 35EE,35UX,35UG,35UN |
| R1013        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |                          | R3601        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    | 35EE,35UX,35UG,35UN |
| R1014        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |                          | R3604        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  | 35EE,35UX,35UG,35UN |
| R1101        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |                          | R3605        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   | 35EE,35UX,35UG,35UN |
| R1102        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |                          | R3606        | NRSA63J-563X | MG RESISTOR    | 56kΩ 1/16W J  | 35EE,35UX,35UG,35UN |
| R1103        | NRSA63J-122X | MG RESISTOR    | 1.2kΩ 1/16W J |                          | △ R3611      | QRJ146J-561X | UNF C RESISTOR | 560Ω 1/4W J   | 35EE,35UX,35UG,35UN |
| R1104        | NRSA63J-152X | MG RESISTOR    | 1.5kΩ 1/16W J |                          | R3701        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    | 35EE,35UX,35UG,35UN |
| R1105        | NRSA63J-222X | MG RESISTOR    | 2.2kΩ 1/16W J |                          | R3704        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  | 35EE,35UX,35UG,35UN |
| R1106        | NRSA63J-272X | MG RESISTOR    | 2.7kΩ 1/16W J |                          | R3705        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   | 35EE,35UX,35UG,35UN |
| R1107        | NRSA63J-392X | MG RESISTOR    | 3.9kΩ 1/16W J |                          | R3706        | NRSA63J-563X | MG RESISTOR    | 56kΩ 1/16W J  | 35EE,35UX,35UG,35UN |
| R1108        | NRSA63J-562X | MG RESISTOR    | 5.6kΩ 1/16W J |                          | △ R3711      | QRJ146J-561X | UNF C RESISTOR | 560Ω 1/4W J   | 35EE,35UX,35UG,35UN |
| R1109        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |                          | R3804        | NRSA63J-332X | MG RESISTOR    | 3.3kΩ 1/16W J | 35EE,35UX,35UG,35UN |
| R1110        | NRSA63J-183X | MG RESISTOR    | 18kΩ 1/16W J  |                          | R3805        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  | 35EE,35UX,35UG,35UN |
| R1201        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |                          | R3806        | NRSA63J-332X | MG RESISTOR    | 3.3kΩ 1/16W J | 35EE,35UX,35UG,35UN |
| R1202        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |                          |              |              |                |               |                     |
| R1203        | NRSA63J-122X | MG RESISTOR    | 1.2kΩ 1/16W J |                          |              |              |                |               |                     |
| R1204        | NRSA63J-152X | MG RESISTOR    | 1.5kΩ 1/16W J |                          |              |              |                |               |                     |
| R1205        | NRSA63J-222X | MG RESISTOR    | 2.2kΩ 1/16W J |                          |              |              |                |               |                     |
| R1206        | NRSA63J-272X | MG RESISTOR    | 2.7kΩ 1/16W J |                          |              |              |                |               |                     |
| R1207        | NRSA63J-392X | MG RESISTOR    | 3.9kΩ 1/16W J |                          |              |              |                |               |                     |
| R1208        | NRSA63J-562X | MG RESISTOR    | 5.6kΩ 1/16W J |                          |              |              |                |               |                     |
| R1209        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |                          |              |              |                |               |                     |
| R1301        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |                          |              |              |                |               |                     |
| R1302        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |                          |              |              |                |               |                     |
| R1303        | NRSA63J-122X | MG RESISTOR    | 1.2kΩ 1/16W J |                          |              |              |                |               |                     |
| R1304        | NRSA63J-152X | MG RESISTOR    | 1.5kΩ 1/16W J |                          |              |              |                |               |                     |
| R1305        | NRSA63J-222X | MG RESISTOR    | 2.2kΩ 1/16W J |                          |              |              |                |               |                     |
| R1306        | NRSA63J-272X | MG RESISTOR    | 2.7kΩ 1/16W J |                          |              |              |                |               |                     |
| R1307        | NRSA63J-392X | MG RESISTOR    | 3.9kΩ 1/16W J |                          |              |              |                |               |                     |
| R1308        | NRSA63J-562X | MG RESISTOR    | 5.6kΩ 1/16W J |                          |              |              |                |               |                     |
| R1309        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |                          |              |              |                |               |                     |
| △ R3101      | QRJ146J-101X | UNF C RESISTOR | 100Ω 1/4W J   | 35EE,35UX,35UG,35UN      |              |              |                |               |                     |
| △ R3102      | QRJ146J-101X | UNF C RESISTOR | 100Ω 1/4W J   | 35EE,35UX,35UG,35UN      |              |              |                |               |                     |
| △ R3201      | QRZ0224-R22  | EMIT RESISTOR  | 0.22Ω         | 35EE,35UX,35UG,35UN      |              |              |                |               |                     |
| R3202        | NRSA63J-563X | MG RESISTOR    | 56kΩ 1/16W J  | 35EE,35UX,35UG,35UN      |              |              |                |               |                     |
| R3203        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   | 35EE,35UX,35UG,35UN      |              |              |                |               |                     |
| R3204        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   | 35EE,35UX,35UG,35UN      |              |              |                |               |                     |
| R3205        | NRSA63J-562X | MG RESISTOR    | 5.6kΩ 1/16W J | 35EE,35UX,35UG,35UN      |              |              |                |               |                     |

| △ Symbol No. | Part No.     | Part Name      | Description   | Local                            | △ Symbol No. | Part No.     | Part Name   | Description   | Local                                 |
|--------------|--------------|----------------|---------------|----------------------------------|--------------|--------------|-------------|---------------|---------------------------------------|
| R3807        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN          | R7440        | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |                                       |
| R3808        | NRSA63J-332X | MG RESISTOR    | 3.3kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN          | R7441        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                                       |
| R3809        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN          | R7442        | NRSA63J-124X | MG RESISTOR | 120kΩ 1/16W J |                                       |
| R3905        | NRSA63J-152X | MG RESISTOR    | 1.5kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN          | R7443        | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |                                       |
| R7001        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN          | R7444        | NRSA63J-512X | MG RESISTOR | 5.1kΩ 1/16W J |                                       |
| R7002        | NRSA63J-223X | MG RESISTOR    | 22kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN          | R7502        | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN,<br>10EE      |
| R7003        | NRSA63J-223X | MG RESISTOR    | 22kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN          | R7502        | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J | 20EE,20UW                             |
| R7004        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN          | R7503        | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN,<br>10EE      |
| R7005        | NRSA63J-682X | MG RESISTOR    | 6.8kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN          | R7503        | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | 20EE,20UW                             |
| R7050        | QRJ146J-332X | UNF C RESISTOR | 3.3kΩ 1/4W J  |                                  | R7504        | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN,<br>20EE,20UW |
| R7051        | QRJ146J-332X | UNF C RESISTOR | 3.3kΩ 1/4W J  |                                  | R7509        | NRSA63J-124X | MG RESISTOR | 120kΩ 1/16W J | 20EE,20UW                             |
| R7100        | NRSA63J-473X | MG RESISTOR    | 47kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN          | R7512        | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN,<br>10EE      |
| R7101        | NRSA63J-473X | MG RESISTOR    | 47kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN          | R7512        | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J | 20EE,20UW                             |
| R7102        | NRSA63J-223X | MG RESISTOR    | 22kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN          | R7513        | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN,<br>10EE      |
| R7103        | NRSA63J-823X | MG RESISTOR    | 82kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN          | R7513        | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | 20EE,20UW                             |
| R7110        | NRSA63J-473X | MG RESISTOR    | 47kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN          | R7514        | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN,<br>20EE,20UW |
| R7111        | NRSA63J-473X | MG RESISTOR    | 47kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN          | R7515        | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J  |                                       |
| R7112        | NRSA63J-223X | MG RESISTOR    | 22kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN          | R7516        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                                       |
| R7113        | NRSA63J-823X | MG RESISTOR    | 82kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN          | R7519        | NRSA63J-184X | MG RESISTOR | 180kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN,<br>10EE      |
| R7300        | NRSA63J-822X | MG RESISTOR    | 8.2kΩ 1/16W J |                                  | R7519        | NRSA63J-124X | MG RESISTOR | 120kΩ 1/16W J | 20EE,20UW                             |
| R7301        | NRSA63J-912X | MG RESISTOR    | 9.1kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN,<br>10EE | R7600        | NRSA63J-243X | MG RESISTOR | 24kΩ 1/16W J  |                                       |
| R7301        | NRSA63J-752X | MG RESISTOR    | 7.5kΩ 1/16W J | 20EE,20UW                        | R7601        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                                       |
| R7310        | NRSA63J-822X | MG RESISTOR    | 8.2kΩ 1/16W J |                                  | R7605        | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J  |                                       |
| R7311        | NRSA63J-912X | MG RESISTOR    | 9.1kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN,<br>10EE | R7610        | NRSA63J-243X | MG RESISTOR | 24kΩ 1/16W J  |                                       |
| R7311        | NRSA63J-752X | MG RESISTOR    | 7.5kΩ 1/16W J | 20EE,20UW                        | R7615        | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J  |                                       |
| R7321        | NRSA63J-332X | MG RESISTOR    | 3.3kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN,<br>10EE | R7616        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                                       |
| R7321        | NRSA63J-272X | MG RESISTOR    | 2.7kΩ 1/16W J | 20EE,20UW                        | R7620        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                                       |
| R7322        | NRSA63J-182X | MG RESISTOR    | 1.8kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN,<br>10EE | R7624        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                                       |
| R7322        | NRSA63J-222X | MG RESISTOR    | 2.2kΩ 1/16W J | 20EE,20UW                        | R7630        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                                       |
| R7331        | NRSA63J-332X | MG RESISTOR    | 3.3kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN,<br>10EE | R7634        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                                       |
| R7331        | NRSA63J-272X | MG RESISTOR    | 2.7kΩ 1/16W J | 20EE,20UW                        | R7642        | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J  |                                       |
| R7332        | NRSA63J-182X | MG RESISTOR    | 1.8kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN,<br>10EE | R7643        | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |                                       |
| R7332        | NRSA63J-222X | MG RESISTOR    | 2.2kΩ 1/16W J | 20EE,20UW                        | R7644        | NRSA63J-512X | MG RESISTOR | 5.1kΩ 1/16W J |                                       |
| R7344        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |                                  | R7700        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 35EE,35UX,<br>35UG,35UN               |
| R7345        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |                                  | R7700        | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | 20EE,20UW<br>,10EE                    |
| R7400        | NRSA63J-243X | MG RESISTOR    | 24kΩ 1/16W J  |                                  | R7701        | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN,<br>10EE      |
| R7401        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |                                  | R7701        | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 20EE,20UW                             |
| R7405        | NRSA63J-393X | MG RESISTOR    | 39kΩ 1/16W J  |                                  | R7710        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 35EE,35UX,<br>35UG,35UN               |
| R7406        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |                                  | R7710        | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | 20EE,20UW<br>,10EE                    |
| R7410        | NRSA63J-243X | MG RESISTOR    | 24kΩ 1/16W J  |                                  | R7711        | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN,<br>10EE      |
| R7411        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |                                  | R7711        | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 20EE,20UW                             |
| R7415        | NRSA63J-393X | MG RESISTOR    | 39kΩ 1/16W J  |                                  | R7750        | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN               |
| R7416        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |                                  | R7750        | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | 20EE,20UW                             |
| R7420        | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN,<br>10EE | R7751        | NRSA63J-243X | MG RESISTOR | 24kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN               |
| R7420        | NRSA63J-622X | MG RESISTOR    | 6.2kΩ 1/16W J | 20EE,20UW                        | R7751        | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 20EE,20UW                             |
| R7424        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |                                  | R7800        | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN               |
| R7430        | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN,<br>10EE | R7802        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    | 20EE,20UW                             |
| R7430        | NRSA63J-622X | MG RESISTOR    | 6.2kΩ 1/16W J | 20EE,20UW                        | R7802        | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J  | 20EE,20UW                             |
| R7434        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |                                  | R7803        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    | 35EE,35UX,<br>35UG,35UN               |
|              |              |                |               |                                  | R7803        | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J  | 20EE,20UW                             |

| △ Symbol No. | Part No.     | Part Name      | Description   | Local                   | △ Symbol No. | Part No.        | Part Name          | Description    | Local                            |
|--------------|--------------|----------------|---------------|-------------------------|--------------|-----------------|--------------------|----------------|----------------------------------|
| R7804        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    | 35EE,35UX,<br>35UG,35UN | L8250        | QQLZ035-R39     | COIL               | 0.39uH         | 20EE,20UW                        |
| R7805        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    | 20EE,20UW               | CN101        | QGF1036F2-13    | CONNECTOR          | FFC/FPC (1-13) |                                  |
| R7806        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  | 35EE,35UX,<br>35UG,35UN | CN310        | QGF1205C2-17    | CONNECTOR          | FFC/FPC (1-17) | 35EE,35UX,<br>35UG,35UN          |
| R7807        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    | 20EE,20UW               | CN320        | QGF1036F2-08    | CONNECTOR          | FFC/FPC (1-8)  | 35EE,35UX,<br>35UG,35UN          |
| R8000        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |                         | CN700        | QGD2504C1-03Z   | CONNECTOR          | (1-3)          |                                  |
| R8010        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |                         | CN701        | QGD2504C1-04Z   | CONNECTOR          | (1-4)          |                                  |
| R8020        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |                         | CN702        | QGD2504C1-04Z   | CONNECTOR          | (1-4)          |                                  |
| R8030        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |                         | CN705        | QGF1205C2-23    | CONNECTOR          | FFC/FPC (1-23) | 35EE,35UX,<br>35UG,35UN          |
| R8100        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |                         |              |                 |                    |                |                                  |
| R8101        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |                         | CN705        | QGF1205C2-17    | CONNECTOR          | FFC/FPC (1-17) | 20EE,20UW<br>,10EE               |
| R8102        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |                         |              |                 |                    |                |                                  |
| R8103        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |                         | CN706        | QGF1205C2-21    | CONNECTOR          | FFC/FPC (1-21) |                                  |
| R8104        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |                         | CN710        | QGF1205C2-17    | CONNECTOR          | FFC/FPC (1-17) | 35EE,35UX,<br>35UG,35UN          |
| R8105        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |                         |              |                 |                    |                |                                  |
| R8200        | NRSA63J-682X | MG RESISTOR    | 6.8kΩ 1/16W J |                         | CN711        | QGD2504C1-03Z   | CONNECTOR          | (1-3)          | 35EE,35UX,<br>35UG,35UN          |
| R8201        | NRSA63J-682X | MG RESISTOR    | 6.8kΩ 1/16W J |                         |              |                 |                    |                |                                  |
| R8202        | NRSA63J-682X | MG RESISTOR    | 6.8kΩ 1/16W J |                         | CN712        | QGD2504C1-03Z   | CONNECTOR          | (1-3)          | 35EE,35UX,<br>35UG,35UN          |
| R8203        | NRSA63J-682X | MG RESISTOR    | 6.8kΩ 1/16W J |                         |              |                 |                    |                |                                  |
| △ R8204      | QRJ146J-101X | UNF C RESISTOR | 100Ω 1/4W J   |                         | CN730        | QGF1036C2-10    | CONNECTOR          | FFC/FPC (1-10) |                                  |
| △ R8205      | QRJ146J-101X | UNF C RESISTOR | 100Ω 1/4W J   |                         | CN750        | QGF1205C2-13    | CONNECTOR          | FFC/FPC (1-13) |                                  |
| R8210        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |                         | CN760        | QGD2504C1-05Z   | CONNECTOR          | (1-5)          |                                  |
| R8211        | NRSA63J-563X | MG RESISTOR    | 56kΩ 1/16W J  |                         | EP301        | GV40327-001A    | IC BOARD<br>HOLDER |                | 35EE,35UX,<br>35UG,35UN          |
| △ R8212      | QRJ146J-471X | UNF C RESISTOR | 470Ω 1/4W J   |                         |              |                 |                    |                |                                  |
| R8213        | NRSA63J-563X | MG RESISTOR    | 56kΩ 1/16W J  |                         | EP700        | GV40327-001A    | IC BOARD<br>HOLDER |                |                                  |
| △ R8214      | QRZ0224-R22  | EMIT RESISTOR  | 0.22Ω         |                         |              |                 |                    |                |                                  |
| R8215        | NRSA63J-202X | MG RESISTOR    | 2kΩ 1/16W J   |                         | FL100        | QLF0187-001     | FL TUBE            |                |                                  |
| R8217        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |                         | FW101        | QUM023-12Z4Z4-E | FLAT WIRE          |                |                                  |
| R8218        | NRSA63J-562X | MG RESISTOR    | 5.6kΩ 1/16W J |                         | FW102        | QUM026-17Z4Z4-E | FLAT WIRE          |                |                                  |
| R8219        | NRSA63J-473X | MG RESISTOR    | 47kΩ 1/16W J  |                         | FW103        | QUM023-10Z4Z4-E | FLAT WIRE          |                |                                  |
| R8220        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |                         | FW104        | QUM024-09DGZ4-E | FLAT WIRE          |                |                                  |
| R8221        | NRSA63J-563X | MG RESISTOR    | 56kΩ 1/16W J  |                         | FW711        | QUM156-09DGZ4-E | FLAT WIRE          |                | 35EE,35UX,<br>35UG,35UN          |
| △ R8222      | QRJ146J-471X | UNF C RESISTOR | 470Ω 1/4W J   |                         |              |                 |                    |                |                                  |
| R8223        | NRSA63J-563X | MG RESISTOR    | 56kΩ 1/16W J  |                         | FW720        | QUM023-13Z4Z4-E | FLAT WIRE          |                |                                  |
| △ R8224      | QRZ0224-R22  | EMIT RESISTOR  | 0.22Ω         |                         | J700         | QNB0314-001     | SPK TERMINAL       |                | 35EE,35UX,<br>35UG,35UN,<br>10EE |
| R8225        | NRSA63J-202X | MG RESISTOR    | 2kΩ 1/16W J   |                         |              |                 |                    |                |                                  |
| R8227        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |                         | J700         | QNB0315-001     | SPEAKER            |                | 20EE,20UW                        |
| R8228        | NRSA63J-562X | MG RESISTOR    | 5.6kΩ 1/16W J |                         | J1101        | QSW1060-001     | ROTARY SW          |                |                                  |
| R8229        | NRSA63J-473X | MG RESISTOR    | 47kΩ 1/16W J  |                         | J3001        | QNB0315-002     | SPEAKER JACK       |                | 35EE,35UX,<br>35UG,35UN          |
| △ R8230      | QRJ146J-100X | UNF C RESISTOR | 10Ω 1/4W J    |                         |              |                 |                    |                |                                  |
| △ R8231      | QRJ146J-100X | UNF C RESISTOR | 10Ω 1/4W J    |                         | K3001        | QQR0621-001Z    | COIL               |                | 35EE,35UX,<br>35UG,35UN          |
| R8232        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |                         |              |                 |                    |                |                                  |
| △ R8240      | QRJ146J-100X | UNF C RESISTOR | 10Ω 1/4W J    |                         | PP701        | QNZ0104-001     | POST PIN           |                | 20EE,20UW<br>,10EE               |
| △ R8241      | QRJ146J-100X | UNF C RESISTOR | 10Ω 1/4W J    |                         | PP702        | QNZ0104-001     | POST PIN           |                | 35EE,35UX,<br>35UG,35UN          |
| R8242        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |                         |              |                 |                    |                |                                  |
| R8250        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   | 20EE,20UW               |              |                 |                    |                |                                  |
| R8251        | NRSA63J-563X | MG RESISTOR    | 56kΩ 1/16W J  | 20EE,20UW               | RY391        | QSK0127-001     | RELAY              |                | 35EE,35UX,<br>35UG,35UN          |
| △ R8252      | QRJ146J-471X | UNF C RESISTOR | 470Ω 1/4W J   | 20EE,20UW               | RY392        | QSK0127-001     | RELAY              |                | 35EE,35UX,<br>35UG,35UN          |
| R8253        | NRSA63J-563X | MG RESISTOR    | 56kΩ 1/16W J  | 20EE,20UW               |              |                 |                    |                |                                  |
| △ R8254      | QRZ0224-R22  | EMIT RESISTOR  | 0.22Ω         | 20EE,20UW               |              |                 |                    |                |                                  |
| R8255        | NRSA63J-202X | MG RESISTOR    | 2kΩ 1/16W J   | 20EE,20UW               | RY840        | QSK0127-001     | RELAY              |                |                                  |
| R8257        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   | 20EE,20UW               | RY850        | QSK0127-001     | RELAY              |                | 20EE,20UW                        |
| R8258        | NRSA63J-562X | MG RESISTOR    | 5.6kΩ 1/16W J | 20EE,20UW               | S1101        | QSW0683-001Z    | PUSH SW            |                |                                  |
| R8259        | NRSA63J-473X | MG RESISTOR    | 47kΩ 1/16W J  | 20EE,20UW               | S1102        | QSW0683-001Z    | PUSH SW            |                |                                  |
| △ R8260      | QRJ146J-100X | UNF C RESISTOR | 10Ω 1/4W J    | 20EE,20UW               | S1103        | QSW0683-001Z    | PUSH SW            |                |                                  |
| △ R8261      | QRJ146J-100X | UNF C RESISTOR | 10Ω 1/4W J    | 20EE,20UW               | S1104        | QSW0683-001Z    | PUSH SW            |                |                                  |
| R8262        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J | 20EE,20UW               | S1105        | QSW0683-001Z    | PUSH SW            |                |                                  |
| R8300        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN | S1106        | QSW0683-001Z    | PUSH SW            |                |                                  |
|              |              |                |               |                         | S1107        | QSW0683-001Z    | PUSH SW            |                |                                  |
| R8300        | NRSA63J-823X | MG RESISTOR    | 82kΩ 1/16W J  | 20EE,20UW<br>,10EE      | S1108        | QSW0683-001Z    | PUSH SW            |                |                                  |
|              |              |                |               |                         | S1109        | QSW0683-001Z    | PUSH SW            |                |                                  |
| R8301        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J | 35EE,35UX,<br>35UG,35UN | S1110        | QSW0683-001Z    | PUSH SW            |                |                                  |
|              |              |                |               |                         | S1111        | QSW0683-001Z    | PUSH SW            |                |                                  |
| R8301        | NRSA63J-823X | MG RESISTOR    | 82kΩ 1/16W J  | 20EE,20UW<br>,10EE      | S1201        | QSW0683-001Z    | PUSH SW            |                |                                  |
|              |              |                |               |                         | S1202        | QSW0683-001Z    | PUSH SW            |                |                                  |
| R8310        | NRSA63J-822X | MG RESISTOR    | 8.2kΩ 1/16W J |                         | S1203        | QSW0683-001Z    | PUSH SW            |                |                                  |
| R8311        | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J  |                         | S1204        | QSW0683-001Z    | PUSH SW            |                |                                  |
| R8320        | NRSA63J-822X | MG RESISTOR    | 8.2kΩ 1/16W J |                         | S1205        | QSW0683-001Z    | PUSH SW            |                |                                  |
| R8321        | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J  |                         | S1206        | QSW0683-001Z    | PUSH SW            |                |                                  |
|              |              |                |               |                         | S1207        | QSW0683-001Z    | PUSH SW            |                |                                  |
| L3201        | QQLZ035-R39  | COIL           | 0.39uH        | 35EE,35UX,<br>35UG,35UN | S1208        | QSW0683-001Z    | PUSH SW            |                |                                  |
| L3301        | QQLZ035-R39  | COIL           | 0.39uH        | 35EE,35UX,<br>35UG,35UN | S1209        | QSW0683-001Z    | PUSH SW            |                |                                  |
| L3401        | QQLZ035-R39  | COIL           | 0.39uH        | 35EE,35UX,<br>35UG,35UN | S1210        | QSW0683-001Z    | PUSH SW            |                |                                  |
|              |              |                |               |                         | S1301        | QSW0683-001Z    | PUSH SW            |                |                                  |
| L8210        | QQLZ035-R39  | COIL           | 0.39uH        |                         | S1302        | QSW0683-001Z    | PUSH SW            |                |                                  |
| L8220        | QQLZ035-R39  | COIL           | 0.39uH        |                         | S1303        | QSW0683-001Z    | PUSH SW            |                |                                  |
|              |              |                |               |                         | S1304        | QSW0683-001Z    | PUSH SW            |                |                                  |

| △ Symbol No. | Part No.     | Part Name | Description | Local |
|--------------|--------------|-----------|-------------|-------|
| S1305        | QSW0683-001Z | PUSH SW   |             |       |
| S1306        | QSW0683-001Z | PUSH SW   |             |       |
| S1307        | QSW0683-001Z | PUSH SW   |             |       |
| S1308        | QSW0683-001Z | PUSH SW   |             |       |
| S1309        | QSW0683-001Z | PUSH SW   |             |       |
| S1310        | QSW0683-001Z | PUSH SW   |             |       |

## Micon board(Only DX-J35)

Block No. [0][2]

| △ Symbol No. | Part No.      | Part Name       | Description | Local |
|--------------|---------------|-----------------|-------------|-------|
| IC250        | R2A15907SP-X  | POWER IC        |             |       |
| IC251        | NJM4565E-X    | IC              |             |       |
| IC500        | -----         | MICON IC        |             |       |
| IC540        | BR24L08F-W-X  | IC(DIGITAL)     |             |       |
| △ IC610      | KIA7812API    | IC              |             |       |
| △ IC620      | KIA7809API    | IC              |             |       |
| △ IC630      | KIA278R09PI   | IC              |             |       |
| △ IC640      | KIA278R05PI   | IC              |             |       |
| △ IC650      | KIA7806API    | IC              |             |       |
| IC920        | MM1623XF-X    | IC              |             |       |
| Q2800        | KTC3203/OY/-T | TRANSISTOR      |             |       |
| Q4501        | KTA1046/Y/    | TRANSISTOR      |             |       |
| Q4502        | KTC3203/OY/-T | TRANSISTOR      |             |       |
| Q5301        | RT1N141C-X    | DIGI TRANSISTOR |             |       |
| Q6601        | KTC3203/OY/-T | TRANSISTOR      |             |       |
| Q6701        | KTA1271/OY/-T | TRANSISTOR      |             |       |
| Q6702        | RT1N140C-X    | DIGI TRANSISTOR |             |       |
| Q9700        | RT6N430C-X    | TRANSISTOR      |             |       |
| Q9701        | RT6N430C-X    | TRANSISTOR      |             |       |
| Q9710        | RT6N430C-X    | TRANSISTOR      |             |       |
| Q9711        | RT6N430C-X    | TRANSISTOR      |             |       |
| Q9720        | RT1P140C-X    | DIGI TRANSISTOR |             |       |
| D2900        | MA111-X       | SI DIODE        |             |       |
| D2901        | MA111-X       | SI DIODE        |             |       |
| △ D4101      | 1N5402M-20    | SI DIODE        |             |       |
| △ D4102      | 1N5402M-20    | SI DIODE        |             |       |
| △ D4103      | 1N5402M-20    | SI DIODE        |             |       |
| △ D4104      | 1N5402M-20    | SI DIODE        |             |       |
| △ D4201      | 1N5402M-20    | SI DIODE        |             |       |
| △ D4202      | 1N5402M-20    | SI DIODE        |             |       |
| △ D4203      | 1N5402M-20    | SI DIODE        |             |       |
| △ D4204      | 1N5402M-20    | SI DIODE        |             |       |
| △ D4301      | 1N5402M-20    | SI DIODE        |             |       |
| △ D4302      | 1N5402M-20    | SI DIODE        |             |       |
| △ D4303      | 1N5402M-20    | SI DIODE        |             |       |
| △ D4304      | 1N5402M-20    | SI DIODE        |             |       |
| D4501        | 1N4003S-T5    | SI DIODE        |             |       |
| D4502        | 1N4003S-T5    | SI DIODE        |             |       |
| D4503        | 1N4003S-T5    | SI DIODE        |             |       |
| D4504        | UDZW33B-X     | Z DIODE         |             |       |
| D4506        | UDZW6.2B-X    | Z DIODE         |             |       |
| D5000        | 1N4003S-T5    | SI DIODE        |             |       |
| D5043        | UDZW3.9B-X    | Z DIODE         |             |       |
| D5099        | UDZW5.1B-X    | SB DIODE        |             |       |
| D5100        | 1N4003S-T5    | SI DIODE        |             |       |
| D5301        | MA111-X       | SI DIODE        |             |       |
| D5503        | 1N4003S-T5    | SI DIODE        |             |       |
| D5504        | 1N4003S-T5    | SI DIODE        |             |       |
| D6002        | 1N4003S-T5    | SI DIODE        |             |       |
| D6004        | 1N4003S-T5    | SI DIODE        |             |       |
| D6005        | 1N4003S-T5    | SI DIODE        |             |       |
| D6006        | 1N4003S-T5    | SI DIODE        |             |       |
| D6007        | 1N4003S-T5    | SI DIODE        |             |       |
| D6008        | 1N4003S-T5    | SI DIODE        |             |       |
| D6009        | 1N4003S-T5    | SI DIODE        |             |       |
| D6010        | 1N4003S-T5    | SI DIODE        |             |       |
| D6011        | 1N4003S-T5    | SI DIODE        |             |       |
| D6012        | 1N4003S-T5    | SI DIODE        |             |       |
| D6101        | MTZJ13B-T2    | Z DIODE         |             |       |
| D6201        | MTZJ13B-T2    | Z DIODE         |             |       |

| △ Symbol No. | Part No.     | Part Name   | Description  | Local |
|--------------|--------------|-------------|--------------|-------|
| D6301        | MTZJ13B-T2   | Z DIODE     |              |       |
| D6401        | MTZJ6.2B-T2  | Z DIODE     |              |       |
| D6501        | MTZJ6.2B-T2  | Z DIODE     |              |       |
| D6602        | UDZW3.9B-X   | Z DIODE     |              |       |
| D6701        | MA111-X      | SI DIODE    |              |       |
| C2500        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M    |       |
| C2501        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M    |       |
| C2503        | NDC31HJ-101X | C CAPACITOR | 100pF 50V J  |       |
| C2504        | QETN1HM-224Z | E CAPACITOR | 0.22uF 50V M |       |
| C2505        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M    |       |
| C2510        | NCB31HK-332X | C CAPACITOR | 3300pF 50V K |       |
| C2511        | NCB31HK-681X | C CAPACITOR | 680pF 50V K  |       |
| C2512        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M    |       |
| C2514        | NCB31HK-681X | C CAPACITOR | 680pF 50V K  |       |
| C2515        | NCB31HK-332X | C CAPACITOR | 3300pF 50V K |       |
| C2516        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  |       |
| C2517        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M    |       |
| C2518        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M    |       |
| C2519        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  |       |
| C2520        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  |       |
| C2521        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  |       |
| C2523        | NCB31HK-471X | C CAPACITOR | 470pF 50V K  |       |
| C2524        | NCB31HK-471X | C CAPACITOR | 470pF 50V K  |       |
| C2525        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M   |       |
| C2600        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  |       |
| C2601        | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M  |       |
| C2700        | NCB31HK-152X | C CAPACITOR | 1500pF 50V K |       |
| C2701        | NCB31AK-154X | C CAPACITOR | 0.15uF 10V K |       |
| C2702        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M    |       |
| C2703        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M    |       |
| C2800        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M   |       |
| C2801        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M   |       |
| C2900        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M   |       |
| C2901        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M    |       |
| C2902        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M    |       |
| C2903        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M   |       |
| C2952        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  |       |
| C4101        | QFNC2AJ-104Z | M CAPACITOR | 0.1uF 100V J |       |
| C4102        | QFNC2AJ-104Z | M CAPACITOR | 0.1uF 100V J |       |
| C4103        | QFNC2AJ-104Z | M CAPACITOR | 0.1uF 100V J |       |
| C4201        | QFNC2AJ-104Z | M CAPACITOR | 0.1uF 100V J |       |
| C4202        | QFNC2AJ-104Z | M CAPACITOR | 0.1uF 100V J |       |
| C4203        | QFNC2AJ-104Z | M CAPACITOR | 0.1uF 100V J |       |
| C4301        | QFNC2AJ-104Z | M CAPACITOR | 0.1uF 100V J |       |
| C4501        | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K  |       |
| C4502        | QETN1JM-107Z | E CAPACITOR | 100uF 63V M  |       |
| C4503        | QETN2AM-476Z | E CAPACITOR | 47uF 100V M  |       |
| C4504        | QETN1HM-226Z | E CAPACITOR | 22uF 50V M   |       |
| C4505        | QETN1HM-226Z | E CAPACITOR | 22uF 50V M   |       |
| C4506        | NDC31HJ-101X | C CAPACITOR | 100pF 50V J  |       |
| C4507        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M   |       |
| C4511        | QETN1HM-226Z | E CAPACITOR | 22uF 50V M   |       |
| C4512        | QETN1HM-226Z | E CAPACITOR | 22uF 50V M   |       |
| C5012        | NDC31HJ-200X | C CAPACITOR | 20pF 50V J   |       |
| C5013        | NDC31HJ-220X | C CAPACITOR | 22pF 50V J   |       |
| C5017        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  |       |
| C5018        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  |       |
| C5037        | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |       |
| C5091        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  |       |
| C5117        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M  |       |
| C5191        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M  |       |
| C5199        | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M  |       |
| C5302        | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K |       |
| C5303        | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M  |       |
| C5304        | NCB31HK-102X | C CAPACITOR | 1000pF 50V K |       |
| C5400        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M  |       |
| C5411        | NCB31HK-471X | C CAPACITOR | 470pF 50V K  |       |
| C5421        | NCB31HK-471X | C CAPACITOR | 470pF 50V K  |       |
| C5430        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  |       |
| C5450        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  |       |
| C5451        | NCB31HK-471X | C CAPACITOR | 470pF 50V K  |       |
| C6001        | QETM1EM-338  | E CAPACITOR | 3300uF 25V M |       |
| C6002        | QETM1CM-688  | E CAPACITOR | 6800uF 16V M |       |
| C6102        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M  |       |
| C6202        | QETN1AM-477Z | E CAPACITOR | 470uF 10V M  |       |
| C6203        | QETN1AM-477Z | E CAPACITOR | 470uF 10V M  |       |
| C6302        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M  |       |

| △ Symbol No. | Part No.     | Part Name      | Description   | Local | △ Symbol No. | Part No.     | Part Name   | Description   | Local                  |
|--------------|--------------|----------------|---------------|-------|--------------|--------------|-------------|---------------|------------------------|
| C6402        | QETN1CM-107Z | E CAPACITOR    | 100uF 16V M   |       | R5028        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C6502        | QETN0JM-108Z | E CAPACITOR    | 1000uF 6.3V M |       | R5030        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C6601        | QETN1CM-107Z | E CAPACITOR    | 100uF 16V M   |       | R5038        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C6602        | QETN1CM-107Z | E CAPACITOR    | 100uF 16V M   |       | R5042        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C9200        | QETN0JM-477Z | E CAPACITOR    | 470uF 6.3V M  |       | R5043        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                        |
| C9201        | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       | R5044        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C9204        | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       | R5046        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C9206        | QETN1HM-105Z | E CAPACITOR    | 1uF 50V M     |       | R5047        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C9209        | QETN1HM-226Z | E CAPACITOR    | 22uF 50V M    |       | R5048        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C9211        | QETN1HM-105Z | E CAPACITOR    | 1uF 50V M     |       | R5049        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C9213        | QETN1HM-105Z | E CAPACITOR    | 1uF 50V M     |       | R5050        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C9215        | QETN1HM-105Z | E CAPACITOR    | 1uF 50V M     |       | R5051        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                        |
| C9216        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R5054        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C9218        | QETN0JM-477Z | E CAPACITOR    | 470uF 6.3V M  |       | R5055        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                        |
| C9221        | QETN0JM-477Z | E CAPACITOR    | 470uF 6.3V M  |       | R5057        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C9224        | QETN0JM-477Z | E CAPACITOR    | 470uF 6.3V M  |       | R5058        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                        |
| C9227        | QETN0JM-477Z | E CAPACITOR    | 470uF 6.3V M  |       | R5059        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                        |
| C9230        | QETN0JM-477Z | E CAPACITOR    | 470uF 6.3V M  |       | R5062        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                        |
| C9232        | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       | R5064        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                        |
| C9712        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R5065        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                        |
| C9800        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R5066        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                        |
| C9801        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R5068        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C9802        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R5069        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                        |
| C9803        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R5070        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                        |
| C9804        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R5071        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C9805        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R5072        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| C9810        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R5073        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
|              |              |                |               |       | R5074        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| R2500        | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J |       | R5075        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| R2501        | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J |       | R5076        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                        |
| R2502        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |       | R5077        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| R2503        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |       | R5079        | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  |                        |
| R2504        | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J |       | R5081        | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  |                        |
| R2510        | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J  |       | R5083        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| R2511        | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J  |       | R5084        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| R2512        | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J  |       | R5088        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| R2514        | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J  |       | R5090        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| R2515        | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J  |       | R5092        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| R2516        | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J  |       | R5093        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| R2517        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |       | R5094        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| R2570        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |       | R5095        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 35UX,<br>35UG,<br>35UN |
| R2571        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |       |              |              |             |               |                        |
| R2600        | NRSA63J-513X | MG RESISTOR    | 51kΩ 1/16W J  |       | R5096        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R2601        | NRSA63J-243X | MG RESISTOR    | 24kΩ 1/16W J  |       | R5097        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R2700        | NRSA63J-913X | MG RESISTOR    | 91kΩ 1/16W J  |       | R5098        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R2701        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |       | R5099        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R2702        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |       | R5101        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R2800        | NRSA63J-432X | MG RESISTOR    | 4.3kΩ 1/16W J |       | R5102        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R2801        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |       | R5108        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R2900        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |       | R5109        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R2901        | NRSA63J-243X | MG RESISTOR    | 24kΩ 1/16W J  |       | R5138        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R2902        | NRSA63J-513X | MG RESISTOR    | 51kΩ 1/16W J  |       | R5143        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| R2903        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |       | R5144        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R2904        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |       | R5147        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R2905        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       | R5151        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R2906        | NRSA63J-272X | MG RESISTOR    | 2.7kΩ 1/16W J |       | R5154        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R2907        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |       | R5159        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R4501        | QRJ146J-470X | UNF C RESISTOR | 47Ω 1/4W J    |       | R5161        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R4502        | QRJ146J-470X | UNF C RESISTOR | 47Ω 1/4W J    |       | R5162        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R4503        | QRJ146J-4R7X | UNF C RESISTOR | 4.7Ω 1/4W J   |       | R5190        | NRS181J-103X | MG RESISTOR | 10kΩ 1/8W J   |                        |
| R4504        | QRE141J-333Y | C RESISTOR     | 33kΩ 1/4W J   |       | R5192        | NRS181J-103X | MG RESISTOR | 10kΩ 1/8W J   |                        |
| R4505        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |       | R5193        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R5001        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       | R5194        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R5002        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       | R5195        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 35EE,<br>35UX,<br>35UG |
| R5004        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       | R5195        | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J |                        |
| R5006        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |              |              |             |               |                        |
| R5007        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       | R5196        | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J  |                        |
| R5008        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       | R5198        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R5009        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       | R5199        | NRSA63J-563X | MG RESISTOR | 56kΩ 1/16W J  |                        |
| R5010        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       | R5259        | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |                        |
| R5011        | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J |       | R5302        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R5015        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |       | R5303        | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |                        |
| R5020        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       | R5400        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R5021        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       | R5410        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R5022        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |       | R5411        | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |                        |
| R5025        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       | R5420        | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |                        |
| R5026        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       | R5421        | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |                        |
| R5027        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       | R5430        | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |                        |



| △ Symbol No. | Part No.        | Part Name      | Description    | Local                  |
|--------------|-----------------|----------------|----------------|------------------------|
| R5431        | NRSA63J-394X    | MG RESISTOR    | 390kΩ 1/16W J  |                        |
| R5440        | NRSA63J-0R0X    | MG RESISTOR    | 0Ω 1/16W J     |                        |
| R5441        | NRSA63J-394X    | MG RESISTOR    | 390kΩ 1/16W J  |                        |
| R5450        | NRSA63J-470X    | MG RESISTOR    | 47Ω 1/16W J    |                        |
| R6301        | NRSA63J-102X    | MG RESISTOR    | 1kΩ 1/16W J    |                        |
| R6302        | NRSA63J-103X    | MG RESISTOR    | 10kΩ 1/16W J   |                        |
| R6601        | NRSA63J-471X    | MG RESISTOR    | 470Ω 1/16W J   |                        |
| R6701        | NRSA63J-473X    | MG RESISTOR    | 47kΩ 1/16W J   |                        |
| R9202        | NRSA63J-201X    | MG RESISTOR    | 200Ω 1/16W J   |                        |
| R9204        | NRSA63J-201X    | MG RESISTOR    | 200Ω 1/16W J   |                        |
| R9206        | NRSA63J-201X    | MG RESISTOR    | 200Ω 1/16W J   |                        |
| R9208        | NRSA63J-201X    | MG RESISTOR    | 200Ω 1/16W J   |                        |
| R9210        | NRSA63J-201X    | MG RESISTOR    | 200Ω 1/16W J   |                        |
| R9218        | NRSA63J-750X    | MG RESISTOR    | 75Ω 1/16W J    |                        |
| R9221        | NRSA63J-750X    | MG RESISTOR    | 75Ω 1/16W J    |                        |
| R9224        | NRSA63J-750X    | MG RESISTOR    | 75Ω 1/16W J    |                        |
| R9227        | NRSA63J-750X    | MG RESISTOR    | 75Ω 1/16W J    |                        |
| R9230        | NRSA63J-750X    | MG RESISTOR    | 75Ω 1/16W J    |                        |
| R9232        | NRSA63J-750X    | MG RESISTOR    | 75Ω 1/16W J    |                        |
| R9700        | QRJ146J-681X    | UNF C RESISTOR | 680Ω 1/4W J    |                        |
| R9710        | QRJ146J-681X    | UNF C RESISTOR | 680Ω 1/4W J    |                        |
| CN250        | QGF1205F2-13    | CONNECTOR      | FFC/FPC (1-13) |                        |
| CN410        | QGA7901C1-02    | CONNECTOR      | W-B (1-2)      |                        |
| △ CN420      | QSW0812-001     | VOLTAGE SWITCH |                | 35UX,<br>35UG,<br>35UN |
| CN430        | QGD2504C1-04Z   | CONNECTOR      | (1-4)          |                        |
| CN500        | QGF1036C2-13    | CONNECTOR      | FFC/FPC (1-13) |                        |
| CN501        | QGF1205C2-21    | CONNECTOR      | FFC/FPC (1-21) |                        |
| CN502        | QGF1036C2-28    | CONNECTOR      | FFC/FPC (1-28) |                        |
| CN503        | QGF1205C2-15    | CONNECTOR      | FFC/FPC (1-15) |                        |
| CN504        | QGF1036C2-05    | CONNECTOR      | FFC/FPC (1-5)  |                        |
| CN505        | QGF1205C2-23    | CONNECTOR      | FFC/FPC (1-23) |                        |
| CN506        | QGF1205C2-21    | CONNECTOR      | FFC/FPC (1-21) |                        |
| CN507        | QGF1205F2-11    | CONNECTOR      | FFC/FPC (1-11) |                        |
| CN508        | QGF1210G1-05    | CONNECTOR      | FFC/FPC (1-5)  |                        |
| CN509        | QGF1205C2-06    | CONNECTOR      | FFC/FPC (1-6)  |                        |
| CN630        | QGA2501F1-03    | CONNECTOR      | W-B (1-3)      |                        |
| CN931        | QGF1205C2-15    | CONNECTOR      | FFC/FPC (1-15) |                        |
| EP401        | E409182-001SM   | GRAND TERMINAL |                | 35EE                   |
| FT411        | QNG0003-001Z    | FUSE CLIP      |                |                        |
| FT412        | QNG0003-001Z    | FUSE CLIP      |                |                        |
| FT415        | QNG0003-001Z    | FUSE CLIP      |                |                        |
| FT416        | QNG0003-001Z    | FUSE CLIP      |                |                        |
| FT417        | QNG0003-001Z    | FUSE CLIP      |                |                        |
| FT418        | QNG0003-001Z    | FUSE CLIP      |                |                        |
| FT421        | QNG0003-001Z    | FUSE CLIP      |                |                        |
| FT422        | QNG0003-001Z    | FUSE CLIP      |                |                        |
| FT425        | QNG0003-001Z    | FUSE CLIP      |                |                        |
| FT426        | QNG0003-001Z    | FUSE CLIP      |                |                        |
| FT427        | QNG0003-001Z    | FUSE CLIP      |                |                        |
| FT428        | QNG0003-001Z    | FUSE CLIP      |                |                        |
| FW400        | QUM15B-35DGZ4-E | FLAT WIRE      |                |                        |
| FW970        | QUM025-19DGZ4-E | FLAT WIRE      |                |                        |
| J250         | QNS0285-001     | POWER IC       |                |                        |
| J251         | QNS0285-001     | POWER IC       |                |                        |
| J500         | QNN0420-001     | SURROUND JACK  |                |                        |
| J501         | QNN0780-001     | PIN JACK       |                |                        |
| J970         | QNS0266-001     | JACK           |                |                        |
| J980         | QNZ0851-001     | USB CONNECTOR  |                |                        |
| J9200        | QNN0572-001     | PIN JACK       |                |                        |
| J9300        | QNN0557-002     | PIN JACK       |                |                        |
| JS251        | QSW1230-001     | MIC ENCODER    |                |                        |
| K2702        | NQR0022-003X    | FERRITE CHIP   |                |                        |
| K2703        | QQR0621-001Z    | COIL           |                |                        |
| K2704        | NQR0022-003X    | FERRITE CHIP   |                |                        |
| K2705        | QQR0621-001Z    | COIL           |                |                        |
| K5000        | QQR0621-001Z    | COIL           |                |                        |
| K9700        | QQR0621-001Z    | COIL           |                |                        |
| K9710        | QQR0621-001Z    | COIL           |                |                        |
| K9721        | QQR0621-001Z    | COIL           |                |                        |
| K9800        | NQR0022-003X    | FERRITE CHIP   |                |                        |
| K9801        | NQR0022-003X    | FERRITE CHIP   |                |                        |
| K9802        | QQR0621-001Z    | COIL           |                |                        |
| TW251        | QUB130-14DMPP-E | SIN TWIST WIRE |                |                        |
| X5000        | QAX0711-002Z    | CRYSTAL        | 8.000000MHz    |                        |

## Micon board(Except DX-J35)

Block No. [0][3]

| △ Symbol No. | Part No.      | Part Name       | Description  | Local |
|--------------|---------------|-----------------|--------------|-------|
| IC250        | R2A15907SP-X  | POWER IC        |              |       |
| IC251        | NJM4565E-X    | IC              |              |       |
| IC500        | -----         | MICON IC        |              |       |
| IC540        | BR24L08F-W-X  | IC(DIGITAL)     |              |       |
| △ IC610      | KIA7812API    | IC              |              |       |
| △ IC620      | KIA7809API    | IC              |              |       |
| △ IC630      | KIA278R09PI   | IC              |              |       |
| △ IC640      | PQ050RDC2SZF  | REGULATOR IC    |              |       |
| △ IC650      | KIA7806API    | IC              |              |       |
| IC920        | MM1623XF-X    | IC              |              |       |
| IC930        | GP1FAV30TK0F  | OPT TRANSMITTER |              |       |
| Q2800        | KTC3203/OY/-T | TRANSISTOR      |              |       |
| Q4501        | KTA1046/Y/    | TRANSISTOR      |              |       |
| Q4502        | KTC3203/OY/-T | TRANSISTOR      |              |       |
| Q5301        | RT1N141C-X    | DIGI TRANSISTOR |              |       |
| Q6601        | KTC3203/OY/-T | TRANSISTOR      |              |       |
| Q6701        | KTA1271/OY/-T | TRANSISTOR      |              |       |
| Q6702        | RT1N140C-X    | DIGI TRANSISTOR |              |       |
| Q9700        | RT6N430C-X    | TRANSISTOR      |              |       |
| Q9701        | RT6N430C-X    | TRANSISTOR      |              |       |
| Q9710        | RT6N430C-X    | TRANSISTOR      |              |       |
| Q9711        | RT6N430C-X    | TRANSISTOR      |              |       |
| Q9720        | RT1P140C-X    | DIGI TRANSISTOR |              |       |
| D2900        | MA111-X       | SI DIODE        |              |       |
| D2901        | MA111-X       | SI DIODE        |              |       |
| △ D4101      | 1N5402M-20    | SI DIODE        |              |       |
| △ D4102      | 1N5402M-20    | SI DIODE        |              |       |
| △ D4103      | 1N5402M-20    | SI DIODE        |              |       |
| △ D4104      | 1N5402M-20    | SI DIODE        |              |       |
| △ D4201      | 1N5402M-20    | SI DIODE        |              |       |
| △ D4202      | 1N5402M-20    | SI DIODE        |              |       |
| △ D4203      | 1N5402M-20    | SI DIODE        |              |       |
| △ D4204      | 1N5402M-20    | SI DIODE        |              |       |
| △ D4301      | 1N5402M-20    | SI DIODE        |              |       |
| △ D4302      | 1N5402M-20    | SI DIODE        |              |       |
| △ D4303      | 1N5402M-20    | SI DIODE        |              |       |
| △ D4304      | 1N5402M-20    | SI DIODE        |              |       |
| D4501        | 1N4003S-T5    | SI DIODE        |              |       |
| D4502        | 1N4003S-T5    | SI DIODE        |              |       |
| D4503        | 1N4003S-T5    | SI DIODE        |              |       |
| D4504        | UDZW33B-X     | Z DIODE         |              |       |
| D4506        | UDZW6.2B-X    | Z DIODE         |              |       |
| D5000        | 1N4003S-T5    | SI DIODE        |              |       |
| D5043        | UDZW3.9B-X    | Z DIODE         |              |       |
| D5099        | UDZW5.1B-X    | SB DIODE        |              |       |
| D5100        | 1N4003S-T5    | SI DIODE        |              |       |
| D5301        | MA111-X       | SI DIODE        |              |       |
| D5503        | 1N4003S-T5    | SI DIODE        |              |       |
| D5504        | 1N4003S-T5    | SI DIODE        |              |       |
| D6002        | 1N4003S-T5    | SI DIODE        |              |       |
| D6004        | 1N4003S-T5    | SI DIODE        |              |       |
| D6005        | 1N4003S-T5    | SI DIODE        |              |       |
| D6006        | 1N4003S-T5    | SI DIODE        |              |       |
| D6007        | 1N4003S-T5    | SI DIODE        |              |       |
| D6008        | 1N4003S-T5    | SI DIODE        |              |       |
| D6009        | 1N4003S-T5    | SI DIODE        |              |       |
| D6010        | 1N4003S-T5    | SI DIODE        |              |       |
| D6011        | 1N4003S-T5    | SI DIODE        |              |       |
| D6012        | 1N4003S-T5    | SI DIODE        |              |       |
| D6101        | MTZJ13B-T2    | Z DIODE         |              |       |
| D6201        | MTZJ13B-T2    | Z DIODE         |              |       |
| D6301        | MTZJ13B-T2    | Z DIODE         |              |       |
| D6401        | MTZJ6.2B-T2   | Z DIODE         |              |       |
| D6501        | MTZJ6.2B-T2   | Z DIODE         |              |       |
| D6602        | UDZW3.9B-X    | Z DIODE         |              |       |
| D6701        | MA111-X       | SI DIODE        |              |       |
| C2500        | QETN1HM-105Z  | E CAPACITOR     | 1uF 50V M    |       |
| C2501        | QETN1HM-105Z  | E CAPACITOR     | 1uF 50V M    |       |
| C2503        | NDC31HJ-101X  | C CAPACITOR     | 100pF 50V J  |       |
| C2504        | QETN1HM-224Z  | E CAPACITOR     | 0.22uF 50V M |       |
| C2505        | QETN1HM-105Z  | E CAPACITOR     | 1uF 50V M    |       |

| △ Symbol No. | Part No.     | Part Name   | Description   | Local | △ Symbol No. | Part No.     | Part Name      | Description   | Local |
|--------------|--------------|-------------|---------------|-------|--------------|--------------|----------------|---------------|-------|
| C2510        | NCB31HK-332X | C CAPACITOR | 3300pF 50V K  |       | C9227        | QETN0JM-477Z | E CAPACITOR    | 470uF 6.3V M  |       |
| C2511        | NCB31HK-681X | C CAPACITOR | 680pF 50V K   |       | C9230        | QETN0JM-477Z | E CAPACITOR    | 470uF 6.3V M  |       |
| C2512        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M     |       | C9232        | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       |
| C2514        | NCB31HK-681X | C CAPACITOR | 680pF 50V K   |       | C9310        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C2515        | NCB31HK-332X | C CAPACITOR | 3300pF 50V K  |       | C9311        | QETN1HM-106Z | E CAPACITOR    | 10uF 50V M    |       |
| C2516        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       | C9712        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C2517        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M     |       | C9800        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C2518        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M     |       | C9801        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C2519        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       | C9802        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C2520        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       | C9803        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C2521        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       | C9804        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C2523        | NCB31HK-471X | C CAPACITOR | 470pF 50V K   |       | C9805        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C2524        | NCB31HK-471X | C CAPACITOR | 470pF 50V K   |       | C9810        | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C2525        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M    |       |              |              |                |               |       |
| C2600        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       | R2500        | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J |       |
| C2601        | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M   |       | R2501        | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J |       |
| C2700        | NCB31HK-152X | C CAPACITOR | 1500pF 50V K  |       | R2502        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |       |
| C2701        | NCB31AK-154X | C CAPACITOR | 0.15uF 10V K  |       | R2503        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |       |
| C2702        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M     |       | R2504        | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J |       |
| C2703        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M     |       | R2510        | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J  |       |
| C2800        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M    |       | R2511        | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J  |       |
| C2801        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M    |       | R2512        | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J  |       |
| C2900        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M    |       | R2514        | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J  |       |
| C2901        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M     |       | R2515        | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J  |       |
| C2902        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M     |       | R2516        | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J  |       |
| C2903        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M    |       | R2517        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |       |
| C2952        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       | R2570        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |       |
| C4101        | QFNC2AJ-104Z | M CAPACITOR | 0.1uF 100V J  |       | R2571        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |       |
| C4102        | QFNC2AJ-104Z | M CAPACITOR | 0.1uF 100V J  |       | R2600        | NRSA63J-513X | MG RESISTOR    | 51kΩ 1/16W J  |       |
| C4103        | QFNC2AJ-104Z | M CAPACITOR | 0.1uF 100V J  |       | R2601        | NRSA63J-243X | MG RESISTOR    | 24kΩ 1/16W J  |       |
| C4201        | QFNC2AJ-104Z | M CAPACITOR | 0.1uF 100V J  |       | R2700        | NRSA63J-913X | MG RESISTOR    | 91kΩ 1/16W J  |       |
| C4202        | QFNC2AJ-104Z | M CAPACITOR | 0.1uF 100V J  |       | R2701        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |       |
| C4203        | QFNC2AJ-104Z | M CAPACITOR | 0.1uF 100V J  |       | R2702        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |       |
| C4301        | QFNC2AJ-104Z | M CAPACITOR | 0.1uF 100V J  |       | R2800        | NRSA63J-432X | MG RESISTOR    | 4.3kΩ 1/16W J |       |
| C4501        | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K   |       | R2801        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |       |
| C4502        | QETN1JM-107Z | E CAPACITOR | 100uF 63V M   |       | R2900        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |       |
| C4503        | QETN2AM-476Z | E CAPACITOR | 47uF 100V M   |       | R2901        | NRSA63J-243X | MG RESISTOR    | 24kΩ 1/16W J  |       |
| C4504        | QETN1HM-226Z | E CAPACITOR | 22uF 50V M    |       | R2902        | NRSA63J-513X | MG RESISTOR    | 51kΩ 1/16W J  |       |
| C4505        | QETN1HM-226Z | E CAPACITOR | 22uF 50V M    |       | R2903        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |       |
| C4506        | NDC31HJ-101X | C CAPACITOR | 100pF 50V J   |       | R2904        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |       |
| C4507        | QETN1HM-106Z | E CAPACITOR | 10uF 50V M    |       | R2905        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C4511        | QETN1HM-226Z | E CAPACITOR | 22uF 50V M    |       | R2906        | NRSA63J-272X | MG RESISTOR    | 2.7kΩ 1/16W J |       |
| C4512        | QETN1HM-226Z | E CAPACITOR | 22uF 50V M    |       | R2907        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J |       |
| C5012        | NDC31HJ-200X | C CAPACITOR | 20pF 50V J    |       | R4501        | QRJ146J-470X | UNF C RESISTOR | 47Ω 1/4W J    |       |
| C5013        | NDC31HJ-220X | C CAPACITOR | 22pF 50V J    |       | R4502        | QRJ146J-470X | UNF C RESISTOR | 47Ω 1/4W J    |       |
| C5017        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       | R4503        | QRJ146J-4R7X | UNF C RESISTOR | 4.7Ω 1/4W J   |       |
| C5018        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       | R4504        | QRE141J-333Y | C RESISTOR     | 33kΩ 1/4W J   |       |
| C5037        | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K  |       | R4505        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |       |
| C5091        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       | R5001        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C5117        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M   |       | R5002        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C5191        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M   |       | R5004        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C5199        | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M   |       | R5006        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C5302        | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K  |       | R5007        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C5303        | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M   |       | R5008        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C5304        | NCB31HK-102X | C CAPACITOR | 1000pF 50V K  |       | R5009        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C5400        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M   |       | R5010        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C5411        | NCB31HK-471X | C CAPACITOR | 470pF 50V K   |       | R5011        | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J |       |
| C5421        | NCB31HK-471X | C CAPACITOR | 470pF 50V K   |       | R5015        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  |       |
| C5422        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       | R5021        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C6001        | QETM1EM-338  | E CAPACITOR | 3300uF 25V M  |       | R5022        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |       |
| C6002        | QETM1CM-688  | E CAPACITOR | 6800uF 16V M  |       | R5025        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C6102        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M   |       | R5028        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C6202        | QETN1AM-477Z | E CAPACITOR | 470uF 10V M   |       | R5030        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C6203        | QETN1AM-477Z | E CAPACITOR | 470uF 10V M   |       | R5038        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C6302        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M   |       | R5042        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C6402        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M   |       | R5043        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |       |
| C6502        | QETN0JM-108Z | E CAPACITOR | 1000uF 6.3V M |       | R5044        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C6601        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M   |       | R5046        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C6602        | QETN1CM-107Z | E CAPACITOR | 100uF 16V M   |       | R5047        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C9200        | QETN0JM-477Z | E CAPACITOR | 470uF 6.3V M  |       | R5048        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C9201        | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K  |       | R5049        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C9204        | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K  |       | R5050        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C9206        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M     |       | R5051        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |       |
| C9209        | QETN1HM-226Z | E CAPACITOR | 22uF 50V M    |       | R5054        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C9211        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M     |       | R5055        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |       |
| C9213        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M     |       | R5057        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C9215        | QETN1HM-105Z | E CAPACITOR | 1uF 50V M     |       | R5058        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |       |
| C9216        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       | R5059        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J    |       |

| △ Symbol No. | Part No.     | Part Name      | Description    | Local                 | △ Symbol No.   | Part No.        | Part Name       | Description    | Local         |
|--------------|--------------|----------------|----------------|-----------------------|--|-----------------|-----------------|----------------|---------------|
| R5062        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J     | 20UW                  | △ CN420  | QSW0812-001     | VOLTAGE SWITCH  |                | 20UW          |
| R5064        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J     |                       | CN430  | QGD2504C1-04Z   | CONNECTOR       | (1-4)          |               |
| R5065        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J     |                       | CN500  | QGF1036C2-13    | CONNECTOR       | FFC/FPC (1-13) |               |
| R5066        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J     |                       | CN501  | QGF1205C2-21    | CONNECTOR       | FFC/FPC (1-21) |               |
| R5068        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | CN502  | QGF1036C2-28    | CONNECTOR       | FFC/FPC (1-28) |               |
| R5069        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J     |                       | CN503  | QGF1205C2-15    | CONNECTOR       | FFC/FPC (1-15) |               |
| R5070        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J     |                       | CN504  | QGF1036C2-05    | CONNECTOR       | FFC/FPC (1-5)  |               |
| R5071        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | CN505  | QGF1205C2-17    | CONNECTOR       | FFC/FPC (1-17) |               |
| R5072        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | CN506  | QGF1205C2-21    | CONNECTOR       | FFC/FPC (1-21) |               |
| R5073        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | CN507  | QGF1205F2-11    | CONNECTOR       | FFC/FPC (1-11) |               |
| R5074        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | CN630  | QGA2501F1-03    | CONNECTOR       | W-B (1-3)      |               |
| R5075        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | CN931  | QGF1205C2-15    | CONNECTOR       | FFC/FPC (1-15) |               |
| R5076        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J     |                       | EP401  | E409182-001SM   | GRAND TERMINAL  |                | 20EE,<br>10EE |
| R5077        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | FT411  | QNG0003-001Z    | FUSE CLIP       |                |               |
| R5079        | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J   |                       | FT412  | QNG0003-001Z    | FUSE CLIP       |                |               |
| R5081        | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J   |                       | FT415  | QNG0003-001Z    | FUSE CLIP       |                |               |
| R5083        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | FT416  | QNG0003-001Z    | FUSE CLIP       |                |               |
| R5084        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | FT417  | QNG0003-001Z    | FUSE CLIP       |                |               |
| R5088        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | FT418  | QNG0003-001Z    | FUSE CLIP       |                |               |
| R5090        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | FT421  | QNG0003-001Z    | FUSE CLIP       |                |               |
| R5092        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | FT422  | QNG0003-001Z    | FUSE CLIP       |                |               |
| R5093        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | FT425  | QNG0003-001Z    | FUSE CLIP       |                |               |
| R5094        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | FT426  | QNG0003-001Z    | FUSE CLIP       |                |               |
| R5095        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | FT427  | QNG0003-001Z    | FUSE CLIP       |                |               |
| R5096        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | FT428  | QNG0003-001Z    | FUSE CLIP       |                |               |
| R5097        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | FW400  | QUM15B-35DGZ4-E | FLAT WIRE       |                |               |
| R5098        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | FW970  | QUM025-19DGZ4-E | FLAT WIRE       |                |               |
| R5099        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | J250   | QNS0285-001     | POWER IC        |                |               |
| R5101        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | J251   | QNS0285-001     | POWER IC        |                |               |
| R5102        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | J500   | QNN0420-001     | SURROUND JACK   |                |               |
| R5108        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | J970   | QNS0266-001     | JACK            |                |               |
| R5109        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | J980   | QNZ0851-001     | USB CONNECTOR   |                |               |
| R5138        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | J9300  | QNN0557-002     | PIN JACK        |                |               |
| R5143        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       | JS251  | QSW1230-001     | MIC ENCODER     |                |               |
| R5144        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | K2703  | QQR0621-001Z    | COIL            |                |               |
| R5147        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | K2705  | QQR0621-001Z    | COIL            |                |               |
| R5151        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | K2712  | NQR0022-003X    | FERRITE CHIP    |                |               |
| R5154        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | K2714  | NQR0022-003X    | FERRITE CHIP    |                |               |
| R5159        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | K5000  | QQR0621-001Z    | COIL            |                |               |
| R5161        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | K9700  | QQR0621-001Z    | COIL            |                |               |
| R5162        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | K9710  | QQR0621-001Z    | COIL            |                |               |
| R5190        | NRS181J-103X | MG RESISTOR    | 10kΩ 1/8W J    |                       | K9721  | QQR0621-001Z    | COIL            |                |               |
| R5192        | NRS181J-103X | MG RESISTOR    | 10kΩ 1/8W J    |                       | K9800  | NQR0505-006X    | FERRITE         |                |               |
| R5193        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | K9801  | NQR0505-006X    | FERRITE         |                |               |
| R5194        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | K9802  | QQR0621-001Z    | COIL            |                |               |
| R5195        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   | 20EE,<br>10EE<br>20UW | TW251  | QUB130-14DMPP-E | SIN TWIST WIRE  |                |               |
| R5195        | NRSA63J-183X | MG RESISTOR    | 18kΩ 1/16W J   | 20EE,<br>10EE<br>20UW | X5000  | QAX0711-002Z    | CRYSTAL         | 8.000000MHz    |               |
| R5198        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       | <div>Cassette board</div> <div>Block No. [0][4]</div>  |                 |                 |                |               |
| R5199        | NRSA63J-563X | MG RESISTOR    | 56kΩ 1/16W J   |                       |  |                 |                 |                |               |
| R5259        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       |  |                 |                 |                |               |
| R5302        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       |  |                 |                 |                |               |
| R5303        | NRSA63J-222X | MG RESISTOR    | 2.2kΩ 1/16W J  |                       |  |                 |                 |                |               |
| R5400        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       |  |                 |                 |                |               |
| R5410        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       |  |                 |                 |                |               |
| R5411        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J  |                       |  |                 |                 |                |               |
| R5420        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       |  |                 |                 |                |               |
| R5421        | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J  |                       |  |                 |                 |                |               |
| R5430        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J     |                       |  |                 |                 |                |               |
| R5431        | NRSA63J-394X | MG RESISTOR    | 390kΩ 1/16W J  |                       |  |                 |                 |                |               |
| R5440        | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J     |                       |  |                 |                 |                |               |
| R5441        | NRSA63J-394X | MG RESISTOR    | 390kΩ 1/16W J  |                       |  |                 |                 |                |               |
| R6301        | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |                       |  |                 |                 |                |               |
| R6302        | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |                       |  |                 |                 |                |               |
| R6601        | NRSA63J-471X | MG RESISTOR    | 470Ω 1/16W J   |                       |  |                 |                 |                |               |
| R6701        | NRSA63J-473X | MG RESISTOR    | 47kΩ 1/16W J   |                       |  |                 |                 |                |               |
| R9001        | NRSA63J-470X | MG RESISTOR    | 47Ω 1/16W J    |                       |  |                 |                 |                |               |
| R9202        | NRSA63J-201X | MG RESISTOR    | 200Ω 1/16W J   |                       |  |                 |                 |                |               |
| R9208        | NRSA63J-201X | MG RESISTOR    | 200Ω 1/16W J   |                       |  |                 |                 |                |               |
| R9210        | NRSA63J-201X | MG RESISTOR    | 200Ω 1/16W J   |                       |  |                 |                 |                |               |
| R9227        | NRSA63J-750X | MG RESISTOR    | 75Ω 1/16W J    |                       |  |                 |                 |                |               |
| R9230        | NRSA63J-750X | MG RESISTOR    | 75Ω 1/16W J    |                       |  |                 |                 |                |               |
| R9232        | NRSA63J-750X | MG RESISTOR    | 75Ω 1/16W J    |                       |  |                 |                 |                |               |
| R9700        | QRJ146J-681X | UNF C RESISTOR | 680Ω 1/4W J    |                       |  |                 |                 |                |               |
| R9710        | QRJ146J-681X | UNF C RESISTOR | 680Ω 1/4W J    |                       |  |                 |                 |                |               |
| CN250        | QGF1205F2-13 | CONNECTOR      | FFC/FPC (1-13) |                       | D121   | 1N4003S-T5      | SI DIODE        |                |               |
| CN410        | QGA7901C1-02 | CONNECTOR      | W-B (1-2)      |                       | D122   | 1N4003S-T5      | SI DIODE        |                |               |
|              |              |                |                |                       | <div>△ Symbol No.</div> <div>Part No.</div> <div>Part Name</div> <div>Description</div> <div>Local</div> |                 |                 |                |               |
|              |              |                |                |                       | IC200  | HA12237F-E      | IC              |                |               |
|              |              |                |                |                       | Q110   | KTA1271/OY/-T   | TRANSISTOR      |                |               |
|              |              |                |                |                       | Q111   | RT1N144C-X      | DIGI TRANSISTOR |                |               |
|              |              |                |                |                       | Q120   | KTA1296/Y/-T    | TRANSISTOR      |                |               |
|              |              |                |                |                       | Q121   | RT1N144C-X      | DIGI TRANSISTOR |                |               |
|              |              |                |                |                       | Q140   | KTA1271/OY/-T   | TRANSISTOR      |                |               |
|              |              |                |                |                       | Q141   | RT1N144C-X      | DIGI TRANSISTOR |                |               |
|              |              |                |                |                       | Q150   | KTA1296/Y/-T    | TRANSISTOR      |                |               |
|              |              |                |                |                       | Q151   | RT1N144C-X      | DIGI TRANSISTOR |                |               |
|              |              |                |                |                       | Q200   | RT1P430C-X      | TRANSISTOR      |                |               |
|              |              |                |                |                       | Q201   | RT6N430C-X      | TRANSISTOR      |                |               |
|              |              |                |                |                       | Q202   | RT6N430C-X      | TRANSISTOR      |                |               |
|              |              |                |                |                       | Q203   | RT6N430C-X      | TRANSISTOR      |                |               |
|              |              |                |                |                       | Q204   | RT6N430C-X      | TRANSISTOR      |                |               |
|              |              |                |                |                       | Q300   | KTC3203/OY/-T   | TRANSISTOR      |                |               |
|              |              |                |                |                       | Q301   | KTC3203/OY/-T   | TRANSISTOR      |                |               |

| △ Symbol No. | Part No.     | Part Name      | Description    | Local |
|--------------|--------------|----------------|----------------|-------|
| D151         | 1N4003S-T5   | SI DIODE       |                |       |
| D152         | 1N4003S-T5   | SI DIODE       |                |       |
| C110         | QETN1HM-106Z | E CAPACITOR    | 10uF 50V M     |       |
| C122         | QETN1CM-107Z | E CAPACITOR    | 100uF 16V M    |       |
| C140         | QETN1HM-106Z | E CAPACITOR    | 10uF 50V M     |       |
| C202         | NCB31HK-122X | C CAPACITOR    | 1200pF 50V K   |       |
| C203         | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K   |       |
| C204         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K    |       |
| C205         | QETN1HM-225Z | E CAPACITOR    | 2.2uF 50V M    |       |
| C206         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K    |       |
| C207         | NCB31HK-391X | C CAPACITOR    | 390pF 50V K    |       |
| C209         | QETN1AM-227Z | E CAPACITOR    | 220uF 10V M    |       |
| C210         | QETN1HM-105Z | E CAPACITOR    | 1uF 50V M      |       |
| C211         | QETN1HM-106Z | E CAPACITOR    | 10uF 50V M     |       |
| C212         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K    |       |
| C213         | QETN1HM-225Z | E CAPACITOR    | 2.2uF 50V M    |       |
| C214         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K    |       |
| C215         | NCB31HK-391X | C CAPACITOR    | 390pF 50V K    |       |
| C216         | NCB31HK-221X | C CAPACITOR    | 220pF 50V K    |       |
| C219         | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K   |       |
| C220         | QETN1HM-226Z | E CAPACITOR    | 22uF 50V M     |       |
| C221         | QETN1HM-105Z | E CAPACITOR    | 1uF 50V M      |       |
| C222         | QETN1HM-226Z | E CAPACITOR    | 22uF 50V M     |       |
| C223         | NCB31HK-682X | C CAPACITOR    | 6800pF 50V K   |       |
| C224         | NCB31HK-682X | C CAPACITOR    | 6800pF 50V K   |       |
| C225         | NCB31HK-122X | C CAPACITOR    | 1200pF 50V K   |       |
| C226         | QETN1EM-475Z | E CAPACITOR    | 4.7uF 25V M    |       |
| C227         | QETN1EM-475Z | E CAPACITOR    | 4.7uF 25V M    |       |
| C228         | QETN1CM-107Z | E CAPACITOR    | 100uF 16V M    |       |
| C231         | NCB31HK-221X | C CAPACITOR    | 220pF 50V K    |       |
| C234         | NCB31HK-821X | C CAPACITOR    | 820pF 50V K    |       |
| C235         | NCB31HK-821X | C CAPACITOR    | 820pF 50V K    |       |
| C300         | NCB31HK-331X | C CAPACITOR    | 330pF 50V K    |       |
| C301         | NCB31HK-331X | C CAPACITOR    | 330pF 50V K    |       |
| C303         | QFG32AJ-273Z | PP CAPACITOR   | 0.027uF 100V J |       |
| C304         | QETN1CM-107Z | E CAPACITOR    | 100uF 16V M    |       |
| C306         | NCB31HK-223X | C CAPACITOR    | 0.022uF 50V K  |       |
| C307         | NCB31HK-152X | C CAPACITOR    | 1500pF 50V K   |       |
| R110         | NRSA63J-222X | MG RESISTOR    | 2.2kΩ 1/16W J  |       |
| R113         | NRSA63J-183X | MG RESISTOR    | 18kΩ 1/16W J   |       |
| R114         | NRSA63J-822X | MG RESISTOR    | 8.2kΩ 1/16W J  |       |
| R115         | NRSA63J-363X | MG RESISTOR    | 36kΩ 1/16W J   |       |
| R123         | NRSA63J-222X | MG RESISTOR    | 2.2kΩ 1/16W J  |       |
| R140         | NRSA63J-222X | MG RESISTOR    | 2.2kΩ 1/16W J  |       |
| R153         | NRSA63J-222X | MG RESISTOR    | 2.2kΩ 1/16W J  |       |
| R200         | NRSA63J-512X | MG RESISTOR    | 5.1kΩ 1/16W J  |       |
| R201         | NRSA63J-512X | MG RESISTOR    | 5.1kΩ 1/16W J  |       |
| R202         | NRSA63J-182X | MG RESISTOR    | 1.8kΩ 1/16W J  |       |
| R203         | NRSA63J-242X | MG RESISTOR    | 2.4kΩ 1/16W J  |       |
| R204         | NRSA63J-273X | MG RESISTOR    | 27kΩ 1/16W J   |       |
| R205         | NRSA63J-303X | MG RESISTOR    | 30kΩ 1/16W J   |       |
| R206         | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |       |
| R207         | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J   |       |
| R208         | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J  |       |
| R209         | NRSA63J-223X | MG RESISTOR    | 22kΩ 1/16W J   |       |
| R210         | NRSA63J-242X | MG RESISTOR    | 2.4kΩ 1/16W J  |       |
| R211         | NRSA63J-303X | MG RESISTOR    | 30kΩ 1/16W J   |       |
| R212         | NRSA63J-273X | MG RESISTOR    | 27kΩ 1/16W J   |       |
| R213         | NRSA63J-182X | MG RESISTOR    | 1.8kΩ 1/16W J  |       |
| R214         | NRSA63J-512X | MG RESISTOR    | 5.1kΩ 1/16W J  |       |
| R215         | NRSA63J-512X | MG RESISTOR    | 5.1kΩ 1/16W J  |       |
| R216         | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |       |
| R217         | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J    |       |
| R218         | NRSA63J-912X | MG RESISTOR    | 9.1kΩ 1/16W J  |       |
| R219         | NRSA63J-912X | MG RESISTOR    | 9.1kΩ 1/16W J  |       |
| R226         | NRSA63J-221X | MG RESISTOR    | 220Ω 1/16W J   |       |
| R227         | NRSA63J-243X | MG RESISTOR    | 24kΩ 1/16W J   |       |
| R228         | NRSA63J-822X | MG RESISTOR    | 8.2kΩ 1/16W J  |       |
| R300         | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J   |       |
| R301         | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J   |       |
| R302         | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J   |       |
| R303         | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J   |       |
| R304         | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J   |       |
| R305         | NRSA63J-2R2X | MG RESISTOR    | 2.2Ω 1/16W J   |       |
| △ R306       | QRJ146J-4R7X | UNF C RESISTOR | 4.7Ω 1/4W J    |       |
| R307         | NRSA63J-222X | MG RESISTOR    | 2.2kΩ 1/16W J  |       |

| △ Symbol No. | Part No.       | Part Name      | Description    | Local |
|--------------|----------------|----------------|----------------|-------|
| R308         | NRSA63J-474X   | MG RESISTOR    | 470kΩ 1/16W J  |       |
| △ R309       | QRZ9005-100X   | FUSI RESISTOR  | 10Ω            |       |
| L300         | QQR1118-002    | OSC COIL(BIAS) |                |       |
| L301         | QQL244K-100Z   | COIL           | 10uH K         |       |
| CN100        | QGF1205C2-21   | CONNECTOR      | FFC/FPC (1-21) |       |
| CN110        | QGF1205F2-06   | CONNECTOR      | FFC/FPC (1-6)  |       |
| CN120        | QGF1205C2-07   | CONNECTOR      | FFC/FPC (1-7)  |       |
| CN200        | QGA2001C1-07   | CONNECTOR      | W-B (1-7)      |       |
| CN220        | QGA2001F1-03   | CONNECTOR      | W-B (1-3)      |       |
| WR1          | WJZ0160-004A-E | S.WIRE         |                |       |

## DVD servo board(Only DX-J35)

Block No. [0][5]

| △ Symbol No. | Part No.           | Part Name       | Description   | Local |
|--------------|--------------------|-----------------|---------------|-------|
| IC201        | LA6502-X           | IC              |               |       |
| IC301        | MN2DS0018MA        | IC              |               |       |
| IC302        | MM1701CH-X         | IC              |               |       |
| IC303        | XC2164A51FM-X      | IC              |               |       |
| IC305        | MM1563DF-X         | IC              |               |       |
| IC451        | MM101C61GNW        | IC              |               |       |
| IC452        | BR93L56RF-W-X      | IC              |               |       |
| IC453        | S-80830CNNB-G-W    | IC              |               |       |
| IC505        | K4S641632K-UC75    | IC              |               |       |
| IC505        | or K4S641632H-UC75 | IC              |               |       |
| IC509        | -----              | IC(MICRO C ROM) |               |       |
| IC510        | BR24L16F-W-X       | IC(DIGITAL)     |               |       |
| IC701        | AK4387ET-X         | IC              |               |       |
| IC702        | AK4387ET-X         | IC              |               |       |
| IC703        | AK4387ET-X         | IC              |               |       |
| IC704        | AK5358ET-X         | IC              |               |       |
| IC704        | or AK5358AET-X     | IC              |               |       |
| IC705        | MM1615AN-X         | IC              |               |       |
| IC801        | MM1565AF-X         | IC              |               |       |
| Q101         | KTA1001/Y/-X       | TRANSISTOR      |               |       |
| Q101         | or 2SB1424/R/-W    | TRANSISTOR      |               |       |
| Q102         | 2SC4617/R/-X       | TRANSISTOR      |               |       |
| Q103         | KTA1001/Y/-X       | TRANSISTOR      |               |       |
| Q103         | or 2SB1424/R/-W    | TRANSISTOR      |               |       |
| Q104         | 2SC4617/R/-X       | TRANSISTOR      |               |       |
| Q801         | KRA104S-X          | DIGI TRANSISTOR |               |       |
| Q801         | or UN2113-X        | TRANSISTOR      |               |       |
| C101         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       |
| C102         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       |
| C103         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       |
| C104         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       |
| C105         | NEAF0JM-476X       | E CAPACITOR     | 47uF 6.3V M   |       |
| C106         | NBE20JM-226X       | TA E CAPACITOR  | 22uF 6.3V M   |       |
| C107         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       |
| C108         | NBE20JM-226X       | TA E CAPACITOR  | 22uF 6.3V M   |       |
| C201         | NDC31HJ-221X       | C CAPACITOR     | 220pF 50V J   |       |
| C202         | NDC31HJ-221X       | C CAPACITOR     | 220pF 50V J   |       |
| C203         | NCB31HK-103X       | C CAPACITOR     | 0.01uF 50V K  |       |
| C204         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       |
| C205         | NCB31HK-271X       | C CAPACITOR     | 270pF 50V K   |       |
| C206         | NDC31HJ-151X       | C CAPACITOR     | 150pF 50V J   |       |
| C210         | NCF31AZ-105X       | C CAPACITOR     | 1uF 10V Z     |       |
| C211         | NCB31HK-223X       | C CAPACITOR     | 0.022uF 50V K |       |
| C217         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       |
| C251         | NCB31AK-474X       | C CAPACITOR     | 0.47uF 10V K  |       |
| C256         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       |
| C257         | NCB31HK-822X       | C CAPACITOR     | 8200pF 50V K  |       |
| C258         | NCB31CK-153X       | C CAPACITOR     | 0.015uF 16V K |       |
| C259         | NCB31CK-153X       | C CAPACITOR     | 0.015uF 16V K |       |
| C260         | NCB31HK-223X       | C CAPACITOR     | 0.022uF 50V K |       |
| C261         | NCB31HK-223X       | C CAPACITOR     | 0.022uF 50V K |       |
| C262         | NCB31HK-223X       | C CAPACITOR     | 0.022uF 50V K |       |
| C263         | NEAF1CM-107X       | E CAPACITOR     | 100uF 16V M   |       |
| C301         | NEAF0JM-227X       | E CAPACITOR     | 220uF 6.3V M  |       |

| △ Symbol No. | Part No.     | Part Name      | Description   | Local | △ Symbol No. | Part No.     | Part Name   | Description   | Local |
|--------------|--------------|----------------|---------------|-------|--------------|--------------|-------------|---------------|-------|
| C302         | NEAF0GM-476X | E CAPACITOR    | 47uF 4V M     |       | C706         | NEAF1CM-106X | E CAPACITOR | 10uF 16V M    |       |
| C303         | NEAF0GM-476X | E CAPACITOR    | 47uF 4V M     |       | C707         | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       |
| C304         | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K    |       | C708         | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       |
| C305         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | C709         | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       |
| C306         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | C711         | NCB21CK-105X | C CAPACITOR | 1uF 16V K     |       |
| C307         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | C712         | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K  |       |
| C309         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | C713         | NCB21CK-105X | C CAPACITOR | 1uF 16V K     |       |
| C310         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | C740         | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       |
| C312         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | C741         | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z     |       |
| C313         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | C742         | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       |
| C314         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | C743         | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   |       |
| C315         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | C744         | NEAF1CM-106X | E CAPACITOR | 10uF 16V M    |       |
| C316         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | C745         | NEAF1CM-106X | E CAPACITOR | 10uF 16V M    |       |
| C318         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | C801         | NCB21CK-105X | C CAPACITOR | 1uF 16V K     |       |
| C319         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | C802         | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K   |       |
| C320         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | C803         | NEAF0JM-227X | E CAPACITOR | 220uF 6.3V M  |       |
| C321         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | C804         | NCB31HK-471X | C CAPACITOR | 470pF 50V K   |       |
| C322         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |              |              |             |               |       |
| C323         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R101         | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  |       |
| C324         | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K    |       | R102         | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  |       |
| C325         | NDC31HJ-120X | C CAPACITOR    | 12pF 50V J    |       | R103         | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J |       |
| C326         | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J    |       | R104         | NRSA63J-432X | MG RESISTOR | 4.3kΩ 1/16W J |       |
| C328         | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       | R105         | NRS181J-180X | MG RESISTOR | 18Ω 1/8W J    |       |
| C330         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R106         | NRSA63J-2R2X | MG RESISTOR | 2.2Ω 1/16W J  |       |
| C331         | NCB31CK-333X | C CAPACITOR    | 0.033uF 16V K |       | R107         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| C332         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R108         | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J  |       |
| C333         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R109         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| C334         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R111         | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J |       |
| C335         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R112         | NRSA63J-432X | MG RESISTOR | 4.3kΩ 1/16W J |       |
| C337         | NCB31CK-183X | C CAPACITOR    | 0.018uF 16V K |       | R113         | NRS181J-180X | MG RESISTOR | 18Ω 1/8W J    |       |
| C338         | NCB31HK-562X | C CAPACITOR    | 5600pF 50V K  |       | R114         | NRSA63J-2R2X | MG RESISTOR | 2.2Ω 1/16W J  |       |
| C339         | NBE20JM-106X | TA E CAPACITOR | 10uF 6.3V M   |       | R115         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| C340         | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K    |       | R116         | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J  |       |
| C341         | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K    |       | R117         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| C345         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R125         | NRSA63J-1R0X | MG RESISTOR | 1Ω 1/16W J    |       |
| C347         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R127         | NRSA63J-432X | MG RESISTOR | 4.3kΩ 1/16W J |       |
| C348         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R128         | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J |       |
| C349         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R201         | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J  |       |
| C350         | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       | R202         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| C351         | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       | R204         | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J  |       |
| C352         | NCB31CK-153X | C CAPACITOR    | 0.015uF 16V K |       | R205         | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J  |       |
| C353         | NCB31HK-561X | C CAPACITOR    | 560pF 50V K   |       | R206         | NRSA63J-303X | MG RESISTOR | 30kΩ 1/16W J  |       |
| C354         | NCB31HK-561X | C CAPACITOR    | 560pF 50V K   |       | R207         | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  |       |
| C356         | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K    |       | R213         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| C359         | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K    |       | R214         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| C370         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R219         | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J  |       |
| C371         | NCF31AZ-105X | C CAPACITOR    | 1uF 10V Z     |       | R220         | NRSA63J-243X | MG RESISTOR | 24kΩ 1/16W J  |       |
| C372         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R221         | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J |       |
| C373         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R251         | NRS125J-R39X | MG RESISTOR | 0.39Ω 1/2W J  |       |
| C374         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R259         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| C375         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R303         | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J   |       |
| C378         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R304         | NRSA63J-432X | MG RESISTOR | 4.3kΩ 1/16W J |       |
| C379         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R306         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| C380         | NCB21CK-105X | C CAPACITOR    | 1uF 16V K     |       | R307         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| C381         | NCB21AK-225X | C CAPACITOR    | 2.2uF 10V K   |       | R309         | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |       |
| C382         | NCB31HK-471X | C CAPACITOR    | 470pF 50V K   |       | R310         | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  |       |
| C383         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R311         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| C392         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R312         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| C393         | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       | R314         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| C451         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R316         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| C452         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R318         | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J   |       |
| C453         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R322         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| C454         | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       | R323         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| C455         | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       | R324         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| C551         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R325         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| C554         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R326         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| C555         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R329         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| C557         | NCB31HK-102X | C CAPACITOR    | 1000pF 50V K  |       | R332         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| C558         | NBE20JM-226X | TA E CAPACITOR | 22uF 6.3V M   |       | R333         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| C559         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R334         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| C560         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R335         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| C562         | NCF31AZ-105X | C CAPACITOR    | 1uF 10V Z     |       | R336         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| C563         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R337         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| C564         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R338         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| C701         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R339         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| C702         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R340         | NRSA63D-303X | MG RESISTOR | 30kΩ 1/16W D  |       |
| C703         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       | R341         | NRSA63D-512X | MG RESISTOR | 5.1kΩ 1/16W D |       |
| C704         | NEAF0JM-476X | E CAPACITOR    | 47uF 6.3V M   |       | R342         | NRSA63D-222X | MG RESISTOR | 2.2kΩ 1/16W D |       |

| △ Symbol No. | Part No.      | Part Name     | Description    | Local |
|--------------|---------------|---------------|----------------|-------|
| R345         | NRSA63J-221X  | MG RESISTOR   | 220Ω 1/16W J   |       |
| R346         | NRSA63J-223X  | MG RESISTOR   | 22kΩ 1/16W J   |       |
| R347         | NRSA63J-203X  | MG RESISTOR   | 20kΩ 1/16W J   |       |
| R348         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| R351         | NRSA63J-331X  | MG RESISTOR   | 330Ω 1/16W J   |       |
| R352         | NRSA63J-105X  | MG RESISTOR   | 1MΩ 1/16W J    |       |
| R353         | NRSA63J-101X  | MG RESISTOR   | 100Ω 1/16W J   |       |
| R357         | NRSA63J-221X  | MG RESISTOR   | 220Ω 1/16W J   |       |
| R358         | NRSA63J-221X  | MG RESISTOR   | 220Ω 1/16W J   |       |
| R359         | NRSA63J-221X  | MG RESISTOR   | 220Ω 1/16W J   |       |
| R360         | NRSA63J-221X  | MG RESISTOR   | 220Ω 1/16W J   |       |
| R361         | NRSA63J-103X  | MG RESISTOR   | 10kΩ 1/16W J   |       |
| R362         | NRSA63J-470X  | MG RESISTOR   | 47Ω 1/16W J    |       |
| R367         | NRSA63J-221X  | MG RESISTOR   | 220Ω 1/16W J   |       |
| R371         | NRSA63J-103X  | MG RESISTOR   | 10kΩ 1/16W J   |       |
| R372         | NRSA63J-103X  | MG RESISTOR   | 10kΩ 1/16W J   |       |
| R373         | NRSA63J-103X  | MG RESISTOR   | 10kΩ 1/16W J   |       |
| R375         | NRSA63J-471X  | MG RESISTOR   | 470Ω 1/16W J   |       |
| R376         | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J    |       |
| R383         | NRSA63J-101X  | MG RESISTOR   | 100Ω 1/16W J   |       |
| R384         | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J    |       |
| R385         | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J    |       |
| R392         | NRSA63J-103X  | MG RESISTOR   | 10kΩ 1/16W J   |       |
| R452         | NRSA63J-222X  | MG RESISTOR   | 2.2kΩ 1/16W J  |       |
| R453         | NRSA63J-103X  | MG RESISTOR   | 10kΩ 1/16W J   |       |
| R454         | NRSA63J-103X  | MG RESISTOR   | 10kΩ 1/16W J   |       |
| R455         | NRSA63J-103X  | MG RESISTOR   | 10kΩ 1/16W J   |       |
| R456         | NRSA63J-103X  | MG RESISTOR   | 10kΩ 1/16W J   |       |
| R457         | NRSA63J-101X  | MG RESISTOR   | 100Ω 1/16W J   |       |
| R458         | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J    |       |
| R461         | NRSA63J-101X  | MG RESISTOR   | 100Ω 1/16W J   |       |
| R463         | NRSA63J-101X  | MG RESISTOR   | 100Ω 1/16W J   |       |
| R464         | NRSA63J-101X  | MG RESISTOR   | 100Ω 1/16W J   |       |
| R465         | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J    |       |
| R531         | NRSA63J-103X  | MG RESISTOR   | 10kΩ 1/16W J   |       |
| R535         | NRSA63J-473X  | MG RESISTOR   | 47kΩ 1/16W J   |       |
| R541         | NRSA63J-472X  | MG RESISTOR   | 4.7kΩ 1/16W J  |       |
| R701         | NRSA63J-2R2X  | MG RESISTOR   | 2.2Ω 1/16W J   |       |
| R704         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| R705         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| R714         | NRSA63J-101X  | MG RESISTOR   | 100Ω 1/16W J   |       |
| R715         | NRSA63J-101X  | MG RESISTOR   | 100Ω 1/16W J   |       |
| R716         | NRSA63J-222X  | MG RESISTOR   | 2.2kΩ 1/16W J  |       |
| R718         | NRSA63J-473X  | MG RESISTOR   | 47kΩ 1/16W J   |       |
| R719         | NRSA63J-473X  | MG RESISTOR   | 47kΩ 1/16W J   |       |
| R721         | NRSA63J-471X  | MG RESISTOR   | 470Ω 1/16W J   |       |
| R723         | NRSA63J-471X  | MG RESISTOR   | 470Ω 1/16W J   |       |
| R724         | NRSA63J-471X  | MG RESISTOR   | 470Ω 1/16W J   |       |
| R725         | NRSA63J-471X  | MG RESISTOR   | 470Ω 1/16W J   |       |
| R727         | NRSA63J-471X  | MG RESISTOR   | 470Ω 1/16W J   |       |
| R728         | NRSA63J-471X  | MG RESISTOR   | 470Ω 1/16W J   |       |
| R731         | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J    |       |
| R732         | NRSA63J-331X  | MG RESISTOR   | 330Ω 1/16W J   |       |
| R741         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| R742         | NRSA63J-5R1X  | MG RESISTOR   | 5.1Ω 1/16W J   |       |
| R811         | NRS181J-330X  | MG RESISTOR   | 33Ω 1/8W J     |       |
| R812         | NRS181J-330X  | MG RESISTOR   | 33Ω 1/8W J     |       |
| R813         | NRSA63J-153X  | MG RESISTOR   | 15kΩ 1/16W J   |       |
| R814         | NRSA63J-153X  | MG RESISTOR   | 15kΩ 1/16W J   |       |
| R819         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| R859         | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J    |       |
| R860         | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J    |       |
| R861         | NRSA63J-473X  | MG RESISTOR   | 47kΩ 1/16W J   |       |
| CN101        | QGF0523F3-24W | CONNECTOR     | FFC/FPC (1-24) |       |
| CN201        | QGF1016F8-08W | CONNECTOR     | FFC/FPC (1-8)  |       |
| CN451        | QGF1016F8-15W | CONNECTOR     | FFC/FPC (1-15) |       |
| CN452        | QGA2001F6-02X | CONNECTOR     | W-B (1-2)      |       |
| CN453        | QGA2001F6-03X | CONNECTOR     | W-B (1-3)      |       |
| CN701        | QGF1016F8-28W | CONNECTOR     | FFC/FPC (1-28) |       |
| CN702        | QGF1016F8-10W | CONNECTOR     | FFC/FPC (1-10) |       |
| CN703        | QGF1016F8-08W | CONNECTOR     | FFC/FPC (1-8)  |       |
| CN801        | QGF1016F8-05W | CONNECTOR     | FFC/FPC (1-5)  |       |
| CN811        | QGA2001F6-05X | CONNECTOR     | W-B (1-5)      |       |
| K101         | NQR0502-001X  | FERRITE BEADS |                |       |
| K351         | NQR0502-001X  | FERRITE BEADS |                |       |
| K352         | NQR0502-001X  | FERRITE BEADS |                |       |
| K353         | NQR0502-001X  | FERRITE BEADS |                |       |

| △ Symbol No. | Part No.     | Part Name     | Description | Local |
|--------------|--------------|---------------|-------------|-------|
| K354         | NQR0022-002X | FERRITE BEADS |             |       |
| K454         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| K455         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| K456         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| K501         | NQR0502-001X | FERRITE BEADS |             |       |
| K720         | NQR0022-002X | FERRITE BEADS |             |       |
| K732         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| K733         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| K734         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| K735         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| K736         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| K737         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| K738         | NQR0022-005X | FERRITE BEADS |             |       |
| K741         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| K744         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| K748         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| K749         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| K750         | NQR0022-002X | FERRITE BEADS |             |       |
| K752         | NQR0022-002X | FERRITE BEADS |             |       |
| K754         | NQR0022-002X | FERRITE BEADS |             |       |
| K756         | NQR0022-002X | FERRITE BEADS |             |       |
| K758         | NQR0022-002X | FERRITE BEADS |             |       |
| K811         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| K812         | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J  |       |
| TH301        | NAD0025-103X | N THERMISTOR  | 10kΩ        |       |
| X301         | NAX0741-001X | CRYSTAL       | 27.000MHz   |       |
| X302         | NAX0376-002X | CRYSTAL       |             |       |
| X451         | NAX0248-001X | C OSCILLATOR  | 8.000MHz    |       |

## DVD loading board(Only DX-J35)

Block No. [0][6]

| △ Symbol No. | Part No.      | Part Name     | Description    | Local |
|--------------|---------------|---------------|----------------|-------|
| IC1          | LB1641        | IC            |                |       |
| IC2          | LB1641        | IC            |                |       |
| D1           | MTZJ6.2A-T2   | Z DIODE       |                |       |
| C1           | QKFC1AM-107Z  | E CAPACITOR   | 100uF 10V M    |       |
| C2           | QCFB1HZ-104Y  | C CAPACITOR   | 0.1uF 50V Z    |       |
| C3           | QFLC1HJ-103Z  | M CAPACITOR   | 0.01uF 50V J   |       |
| C5           | QFLC1HJ-103Z  | M CAPACITOR   | 0.01uF 50V J   |       |
| C6           | QCFB1HZ-104Y  | C CAPACITOR   | 0.1uF 50V Z    |       |
| C7           | QCFB1HZ-104Y  | C CAPACITOR   | 0.1uF 50V Z    |       |
| CN1          | QGF1036F1-15  | CONNECTOR     | FFC/FPC (1-15) |       |
| CN2          | QGB2024K1-07S | CONNECTOR     | B-B (1-7)      |       |
| CN3          | QGB2024J1-07S | CONNECTOR     | B-B (1-7)      |       |
| SW1          | QSW0844-001   | PUSH SWITCH   |                |       |
| SW2          | QSW0844-001   | PUSH SWITCH   |                |       |
| SW3          | QSW0844-001   | PUSH SWITCH   |                |       |
| SW4          | QSW0844-001   | PUSH SWITCH   |                |       |
| SW5          | QSW0844-001   | PUSH SWITCH   |                |       |
| SW6          | QSW0854-002   | PUSH SW       |                |       |
| SW8          | QSW0923-001   | DETECT SWITCH |                |       |

## DVD servo board(Except DX-J35)

Block No. [0][7]

| △ Symbol No. | Part No.    | Part Name | Description | Local |
|--------------|-------------|-----------|-------------|-------|
| IC201        | LA6502-X    | IC        |             |       |
| IC301        | MN2DS0018MA | IC        |             |       |



| △ Symbol No. | Part No.           | Part Name       | Description   | Local | △ Symbol No. | Part No.     | Part Name      | Description   | Local |
|--------------|--------------------|-----------------|---------------|-------|--------------|--------------|----------------|---------------|-------|
| IC302        | MM1701CH-X         | IC              |               |       | C335         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| IC303        | XC2164A51FM-X      | IC              |               |       | C337         | NCB31CK-183X | C CAPACITOR    | 0.018uF 16V K |       |
| IC305        | MM1563DF-X         | IC              |               |       | C338         | NCB31HK-562X | C CAPACITOR    | 5600pF 50V K  |       |
| IC451        | MN101C61GNW        | IC              |               |       | C339         | NBE20JM-106X | TA E CAPACITOR | 10uF 6.3V M   |       |
| IC452        | BR93L56RF-W-X      | IC              |               |       | C340         | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K    |       |
| IC453        | S-80830CNNB-G-W    | IC              |               |       | C341         | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K    |       |
| IC505        | K4S641632K-UC75    | IC              |               |       | C345         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| IC505        | or K4S641632H-UC75 | IC              |               |       | C347         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| IC509        | -----              | IC(MICRO C ROM) |               |       | C348         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| IC510        | BR24L16F-W-X       | IC(DIGITAL)     |               |       | C349         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| IC701        | AK4387ET-X         | IC              |               |       | C350         | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       |
| IC705        | MM1615AN-X         | IC              |               |       | C351         | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       |
| IC801        | MM1565AF-X         | IC              |               |       | C352         | NCB31CK-153X | C CAPACITOR    | 0.015uF 16V K |       |
|              |                    |                 |               |       | C353         | NCB31HK-561X | C CAPACITOR    | 560pF 50V K   |       |
| Q101         | KTA1001/Y/-X       | TRANSISTOR      |               |       | C354         | NCB31HK-561X | C CAPACITOR    | 560pF 50V K   |       |
| Q101         | or 2SB1424/R/-W    | TRANSISTOR      |               |       | C356         | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K    |       |
| Q102         | 2SC4617/R/-X       | TRANSISTOR      |               |       | C359         | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K    |       |
| Q103         | KTA1001/Y/-X       | TRANSISTOR      |               |       | C370         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| Q103         | or 2SB1424/R/-W    | TRANSISTOR      |               |       | C371         | NCF31AZ-105X | C CAPACITOR    | 1uF 10V Z     |       |
| Q104         | 2SC4617/R/-X       | TRANSISTOR      |               |       | C372         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| Q801         | KRA104S-X          | DIGI TRANSISTOR |               |       | C373         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| Q801         | or UN2113-X        | TRANSISTOR      |               |       | C374         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
|              |                    |                 |               |       | C375         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C101         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | C378         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C102         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | C379         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C103         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | C380         | NCB21CK-105X | C CAPACITOR    | 1uF 16V K     |       |
| C104         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | C381         | NCB21AK-225X | C CAPACITOR    | 2.2uF 10V K   |       |
| C105         | NEAF0JM-476X       | E CAPACITOR     | 47uF 6.3V M   |       | C382         | NCB31HK-471X | C CAPACITOR    | 470pF 50V K   |       |
| C106         | NBE20JM-226X       | TA E CAPACITOR  | 22uF 6.3V M   |       | C383         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C107         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | C392         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C108         | NBE20JM-226X       | TA E CAPACITOR  | 22uF 6.3V M   |       | C393         | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       |
| C201         | NDC31HJ-221X       | C CAPACITOR     | 220pF 50V J   |       | C451         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C202         | NDC31HJ-221X       | C CAPACITOR     | 220pF 50V J   |       | C452         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C203         | NCB31HK-103X       | C CAPACITOR     | 0.01uF 50V K  |       | C453         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C204         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | C454         | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       |
| C205         | NCB31HK-271X       | C CAPACITOR     | 270pF 50V K   |       | C455         | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       |
| C206         | NDC31HJ-151X       | C CAPACITOR     | 150pF 50V J   |       | C551         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C210         | NCF31AZ-105X       | C CAPACITOR     | 1uF 10V Z     |       | C554         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C211         | NCB31HK-223X       | C CAPACITOR     | 0.022uF 50V K |       | C555         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C217         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | C557         | NCB31HK-102X | C CAPACITOR    | 1000pF 50V K  |       |
| C251         | NCB31AK-474X       | C CAPACITOR     | 0.47uF 10V K  |       | C558         | NBE20JM-226X | TA E CAPACITOR | 22uF 6.3V M   |       |
| C256         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | C559         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C257         | NCB31HK-822X       | C CAPACITOR     | 8200pF 50V K  |       | C560         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C258         | NCB31CK-153X       | C CAPACITOR     | 0.015uF 16V K |       | C562         | NCF31AZ-105X | C CAPACITOR    | 1uF 10V Z     |       |
| C259         | NCB31CK-153X       | C CAPACITOR     | 0.015uF 16V K |       | C563         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C260         | NCB31HK-223X       | C CAPACITOR     | 0.022uF 50V K |       | C564         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C261         | NCB31HK-223X       | C CAPACITOR     | 0.022uF 50V K |       | C701         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C262         | NCB31HK-223X       | C CAPACITOR     | 0.022uF 50V K |       | C704         | NEAF0JM-476X | E CAPACITOR    | 47uF 6.3V M   |       |
| C263         | NEAF1CM-107X       | E CAPACITOR     | 100uF 16V M   |       | C706         | NEAF1CM-106X | E CAPACITOR    | 10uF 16V M    |       |
| C301         | NEAF0JM-227X       | E CAPACITOR     | 220uF 6.3V M  |       | C707         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C302         | NEAF0GM-476X       | E CAPACITOR     | 47uF 4V M     |       | C711         | NCB21CK-105X | C CAPACITOR    | 1uF 16V K     |       |
| C303         | NEAF0GM-476X       | E CAPACITOR     | 47uF 4V M     |       | C712         | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K  |       |
| C304         | NCB30JK-105X       | C CAPACITOR     | 1uF 6.3V K    |       | C713         | NCB21CK-105X | C CAPACITOR    | 1uF 16V K     |       |
| C305         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | C740         | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K   |       |
| C306         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | C801         | NCB21CK-105X | C CAPACITOR    | 1uF 16V K     |       |
| C307         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | C802         | NCB21AK-225X | C CAPACITOR    | 2.2uF 10V K   |       |
| C309         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | C803         | NEAF0JM-227X | E CAPACITOR    | 220uF 6.3V M  |       |
| C310         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | C804         | NCB31HK-471X | C CAPACITOR    | 470pF 50V K   |       |
| C312         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       |              |              |                |               |       |
| C313         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | R101         | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J  |       |
| C314         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | R102         | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J  |       |
| C315         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | R103         | NRSA63J-562X | MG RESISTOR    | 5.6kΩ 1/16W J |       |
| C316         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | R104         | NRSA63J-432X | MG RESISTOR    | 4.3kΩ 1/16W J |       |
| C318         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | R105         | NRS181J-180X | MG RESISTOR    | 18Ω 1/8W J    |       |
| C319         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | R106         | NRSA63J-2R2X | MG RESISTOR    | 2.2Ω 1/16W J  |       |
| C320         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | R107         | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C321         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | R108         | NRSA63J-471X | MG RESISTOR    | 470Ω 1/16W J  |       |
| C322         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | R109         | NRSA63J-331X | MG RESISTOR    | 330Ω 1/16W J  |       |
| C323         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | R111         | NRSA63J-562X | MG RESISTOR    | 5.6kΩ 1/16W J |       |
| C324         | NCB30JK-105X       | C CAPACITOR     | 1uF 6.3V K    |       | R112         | NRSA63J-432X | MG RESISTOR    | 4.3kΩ 1/16W J |       |
| C325         | NDC31HJ-120X       | C CAPACITOR     | 12pF 50V J    |       | R113         | NRS181J-180X | MG RESISTOR    | 18Ω 1/8W J    |       |
| C326         | NDC31HJ-100X       | C CAPACITOR     | 10pF 50V J    |       | R114         | NRSA63J-2R2X | MG RESISTOR    | 2.2Ω 1/16W J  |       |
| C328         | NCB31HK-103X       | C CAPACITOR     | 0.01uF 50V K  |       | R115         | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   |       |
| C330         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | R116         | NRSA63J-471X | MG RESISTOR    | 470Ω 1/16W J  |       |
| C331         | NCB31CK-333X       | C CAPACITOR     | 0.033uF 16V K |       | R117         | NRSA63J-331X | MG RESISTOR    | 330Ω 1/16W J  |       |
| C332         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | R125         | NRSA63J-1R0X | MG RESISTOR    | 1Ω 1/16W J    |       |
| C333         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | R127         | NRSA63J-432X | MG RESISTOR    | 4.3kΩ 1/16W J |       |
| C334         | NCB31CK-104X       | C CAPACITOR     | 0.1uF 16V K   |       | R128         | NRSA63J-562X | MG RESISTOR    | 5.6kΩ 1/16W J |       |

| △ Symbol No. | Part No.     | Part Name   | Description   | Local |
|--------------|--------------|-------------|---------------|-------|
| R201         | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J  |       |
| R202         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| R204         | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J  |       |
| R205         | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J  |       |
| R206         | NRSA63J-303X | MG RESISTOR | 30kΩ 1/16W J  |       |
| R207         | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  |       |
| R213         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| R214         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| R219         | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J  |       |
| R220         | NRSA63J-243X | MG RESISTOR | 24kΩ 1/16W J  |       |
| R221         | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J |       |
| R251         | NRS125J-R39X | MG RESISTOR | 0.39Ω 1/2W J  |       |
| R259         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| R303         | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J   |       |
| R304         | NRSA63J-432X | MG RESISTOR | 4.3kΩ 1/16W J |       |
| R306         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| R307         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| R309         | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J |       |
| R310         | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  |       |
| R311         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| R314         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| R316         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| R318         | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J   |       |
| R323         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| R324         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| R325         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| R326         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| R329         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| R333         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| R334         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| R335         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| R336         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| R337         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| R338         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| R339         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| R340         | NRSA63D-303X | MG RESISTOR | 30kΩ 1/16W D  |       |
| R341         | NRSA63D-512X | MG RESISTOR | 5.1kΩ 1/16W D |       |
| R342         | NRSA63D-222X | MG RESISTOR | 2.2kΩ 1/16W D |       |
| R345         | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J  |       |
| R346         | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J  |       |
| R347         | NRSA63J-203X | MG RESISTOR | 20kΩ 1/16W J  |       |
| R348         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| R351         | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  |       |
| R352         | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J   |       |
| R353         | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  |       |
| R357         | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J  |       |
| R358         | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J  |       |
| R361         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| R362         | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J   |       |
| R367         | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J  |       |
| R371         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| R372         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| R373         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| R375         | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J  |       |
| R376         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| R383         | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  |       |
| R384         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| R385         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| R392         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| R452         | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |       |
| R453         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| R454         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| R455         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| R456         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| R457         | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  |       |
| R458         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| R461         | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  |       |
| R463         | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  |       |
| R464         | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  |       |
| R465         | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |       |
| R531         | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |       |
| R535         | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  |       |
| R541         | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J |       |
| R701         | NRSA63J-2R2X | MG RESISTOR | 2.2Ω 1/16W J  |       |
| R704         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| R705         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J    |       |
| R714         | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  |       |
| R715         | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  |       |

| △ Symbol No. | Part No.      | Part Name     | Description    | Local |
|--------------|---------------|---------------|----------------|-------|
| R718         | NRSA63J-473X  | MG RESISTOR   | 47kΩ 1/16W J   |       |
| R721         | NRSA63J-471X  | MG RESISTOR   | 470Ω 1/16W J   |       |
| R723         | NRSA63J-471X  | MG RESISTOR   | 470Ω 1/16W J   |       |
| R731         | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J    |       |
| R732         | NRSA63J-331X  | MG RESISTOR   | 330Ω 1/16W J   |       |
| R811         | NRS181J-330X  | MG RESISTOR   | 33Ω 1/8W J     |       |
| R812         | NRS181J-330X  | MG RESISTOR   | 33Ω 1/8W J     |       |
| R813         | NRSA63J-153X  | MG RESISTOR   | 15kΩ 1/16W J   |       |
| R814         | NRSA63J-153X  | MG RESISTOR   | 15kΩ 1/16W J   |       |
| R819         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| R859         | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J    |       |
| R860         | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J    |       |
| R861         | NRSA63J-473X  | MG RESISTOR   | 47kΩ 1/16W J   |       |
| CN101        | QGF0523F3-24W | CONNECTOR     | FFC/FPC (1-24) |       |
| CN201        | QGF1016F8-08W | CONNECTOR     | FFC/FPC (1-8)  |       |
| CN451        | QGF1016F8-15W | CONNECTOR     | FFC/FPC (1-15) |       |
| CN452        | QGA2001F6-02X | CONNECTOR     | W-B (1-2)      |       |
| CN453        | QGA2001F6-03X | CONNECTOR     | W-B (1-3)      |       |
| CN701        | QGF1016F8-28W | CONNECTOR     | FFC/FPC (1-28) |       |
| CN702        | QGF1016F8-10W | CONNECTOR     | FFC/FPC (1-10) |       |
| CN801        | QGF1016F8-05W | CONNECTOR     | FFC/FPC (1-5)  |       |
| CN811        | QGA2001F6-05X | CONNECTOR     | W-B (1-5)      |       |
| K101         | NQR0502-001X  | FERRITE BEADS |                |       |
| K351         | NQR0502-001X  | FERRITE BEADS |                |       |
| K352         | NQR0502-001X  | FERRITE BEADS |                |       |
| K353         | NQR0502-001X  | FERRITE BEADS |                |       |
| K354         | NQR0022-002X  | FERRITE BEADS |                |       |
| K454         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| K455         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| K456         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| K501         | NQR0502-001X  | FERRITE BEADS |                |       |
| K720         | NQR0022-002X  | FERRITE BEADS |                |       |
| K732         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| K733         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| K734         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| K735         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| K736         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| K737         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| K738         | NQR0022-005X  | FERRITE BEADS |                |       |
| K744         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| K748         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| K749         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| K750         | NQR0022-002X  | FERRITE BEADS |                |       |
| K752         | NQR0022-002X  | FERRITE BEADS |                |       |
| K754         | NQR0022-002X  | FERRITE BEADS |                |       |
| K756         | NQR0022-002X  | FERRITE BEADS |                |       |
| K758         | NQR0022-002X  | FERRITE BEADS |                |       |
| K811         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| K812         | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J     |       |
| TH301        | NAD0025-103X  | N THERMISTOR  | 10kΩ           |       |
| X301         | NAX0741-001X  | CRYSTAL       | 27.000MHz      |       |
| X302         | NAX0376-002X  | CRYSTAL       |                |       |
| X451         | NAX0248-001X  | C OSCILLATOR  | 8.000MHz       |       |

## DVD loading board(Except DX-J35)

Block No. [0][8]

| △ Symbol No. | Part No.      | Part Name   | Description    | Local |
|--------------|---------------|-------------|----------------|-------|
| IC1          | LB1641        | IC          |                |       |
| IC2          | LB1641        | IC          |                |       |
| D1           | MTZJ6.2A-T2   | Z DIODE     |                |       |
| C1           | QKEC1AM-107Z  | E CAPACITOR | 100uF 10V M    |       |
| C2           | QCBB1HK-104Y  | C CAPACITOR | 0.1uF 50V K    |       |
| C3           | QFLC1HJ-103Z  | M CAPACITOR | 0.01uF 50V J   |       |
| C5           | QFLC1HJ-103Z  | M CAPACITOR | 0.01uF 50V J   |       |
| C6           | QCBB1HK-104Y  | C CAPACITOR | 0.1uF 50V K    |       |
| C7           | QCBB1HK-104Y  | C CAPACITOR | 0.1uF 50V K    |       |
| CN1          | QGF1036F1-15  | CONNECTOR   | FFC/FPC (1-15) |       |
| CN2          | QGB2024K1-07S | CONNECTOR   | B-B (1-7)      |       |

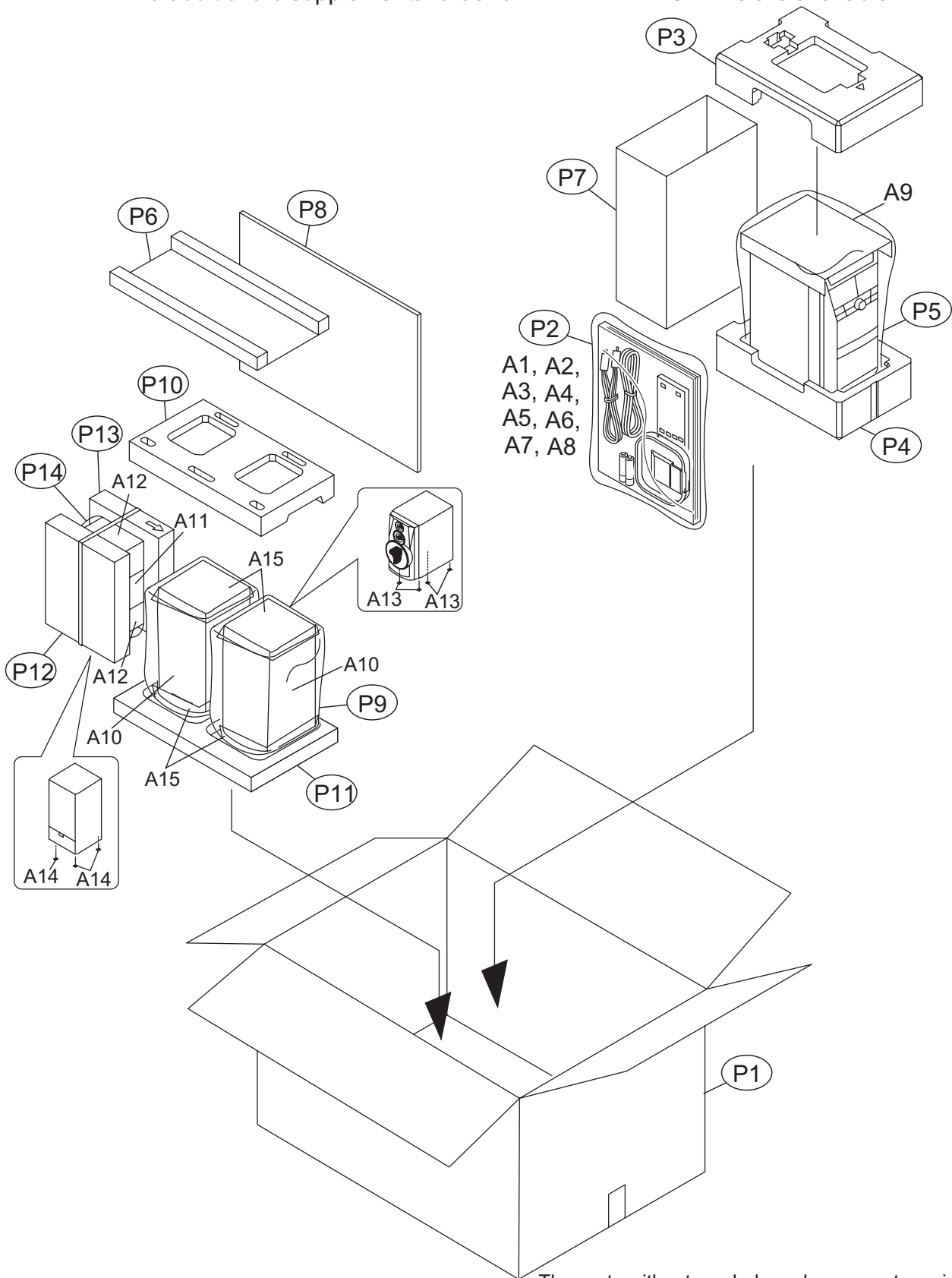
| △ Symbol No. | Part No.      | Part Name     | Description | Local |
|--------------|---------------|---------------|-------------|-------|
| CN3          | QGB2024J1-07S | CONNECTOR     | B-B (1-7)   |       |
| SW1          | QSW0844-001   | PUSH SWITCH   |             |       |
| SW2          | QSW0844-001   | PUSH SWITCH   |             |       |
| SW3          | QSW0844-001   | PUSH SWITCH   |             |       |
| SW4          | QSW0844-001   | PUSH SWITCH   |             |       |
| SW5          | QSW0844-001   | PUSH SWITCH   |             |       |
| SW6          | QSW0854-002   | PUSH SW       |             |       |
| SW8          | QSW0923-001   | DETECT SWITCH |             |       |

## Packing materials and accessories parts list

### <DX-J35EE>

Block No. [M] [3] [M] [M]

No additional / supplemental order of WARRANTY CARDS are available



The parts without symbol number are not service.

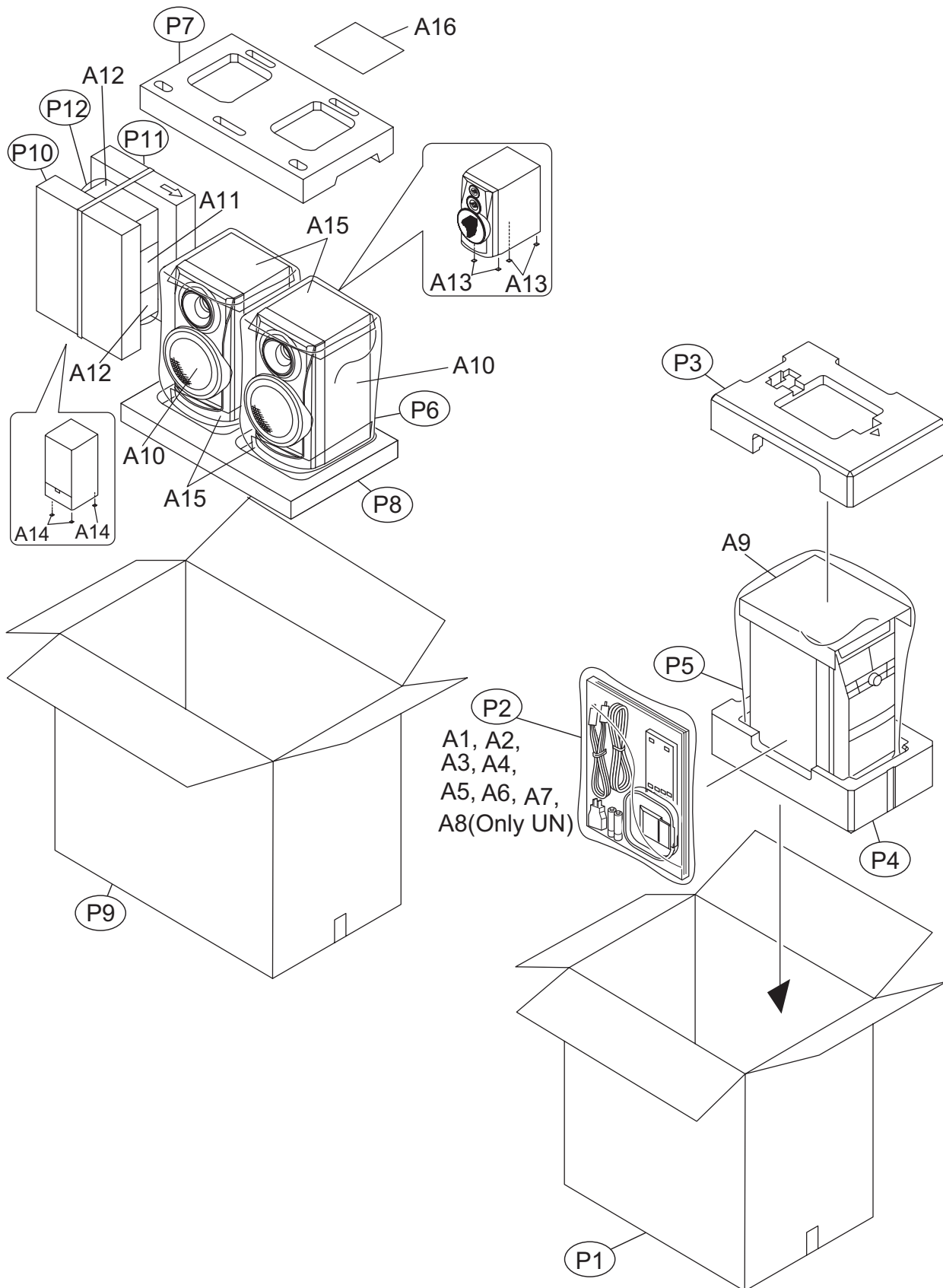
## Packing and Accessories(Only DX-J35EE)

Block No. [M][3][M][M]

| △   | Symbol No. | Part No.       | Part Name        | Description | Local |
|-----|------------|----------------|------------------|-------------|-------|
| A 1 |            | QAL0014-003    | AM LOOP ANT      |             |       |
| A 2 |            | QAM0944-001    | PIN CABLE        |             |       |
| A 3 |            | RM-SDXJ35U     | REMOCON          |             |       |
| A 4 |            | QAL0457-001    | ANT.WIRE         |             |       |
| A 5 |            | -----          | BATTERY          | 1.5V(x2)    |       |
| A 6 |            | GVT0208-004B   | INST BOOK        | RUS         |       |
| A 7 |            | -----          | WARRANTY CARD    | BT-54032-1  |       |
| A 8 |            | GV30898-001A   | I.B. LABEL       |             |       |
| A 9 |            | GV40168-012A   | SHEET            |             |       |
| A10 |            | SPDXJ35U-SPBOX | SPK WITH BOX-F   | (x2)        |       |
| A11 |            | ASL8CDK35-EB10 | SPK WITH BOX-C   |             |       |
| A12 |            | ASL8SDK35-EB10 | SPK WITH BOX-S   | (x2)        |       |
| A13 |            | 441-802104-00  | LEG CUSHION      | (x8)        |       |
| A14 |            | DUF803001-0002 | LEG CUSHION      | (x9)        |       |
| A15 |            | 715-250035-00  | MIRAMAT SHEET    | (x4)        |       |
| P 1 |            | GV31112-001A   | MASTER CARTON    |             |       |
| P 2 |            | QPC02503515PB  | POLY BAG         | 25cm x 35cm |       |
| P 3 |            | GV10381-001A   | CUSHION (TOP)    |             |       |
| P 4 |            | GV10382-001A   | CUSHION (BOTTOM) |             |       |
| P 5 |            | QPC06507030PB  | POLY BAG         | 65cm x 70cm |       |
| P 6 |            | GV30897-005A   | CARTON SPACER    |             |       |
| P 7 |            | GV31118-001A   | CARTON SPACER(A  |             |       |
| P 8 |            | GV40256-006A   | CORRUGATED SPAC  |             |       |
| P 9 |            | 700-120114-10  | HDPE BAG         | (x2)        |       |
| P10 |            | 720-DXJ10T-00  | TOP CUSHION      |             |       |
| P11 |            | 720-DXJ10B-00  | BOTTOM CUSHION   |             |       |
| P12 |            | ITF830367-0001 | TOP CUSHION      |             |       |
| P13 |            | ITF830367-0002 | BOTTOM CUSHION   |             |       |
| P14 |            | IVA803101-0030 | HDPE BAG         | (x3)        |       |

# Packing materials and accessories parts list <DX-J35UX,UG,UN>

Block No. [M] [4] [M] [M]



The parts without symbol number are not service.



## Packing and Accessories(DX-J35UX,UG,UN)

Block No. [M][4][M][M]

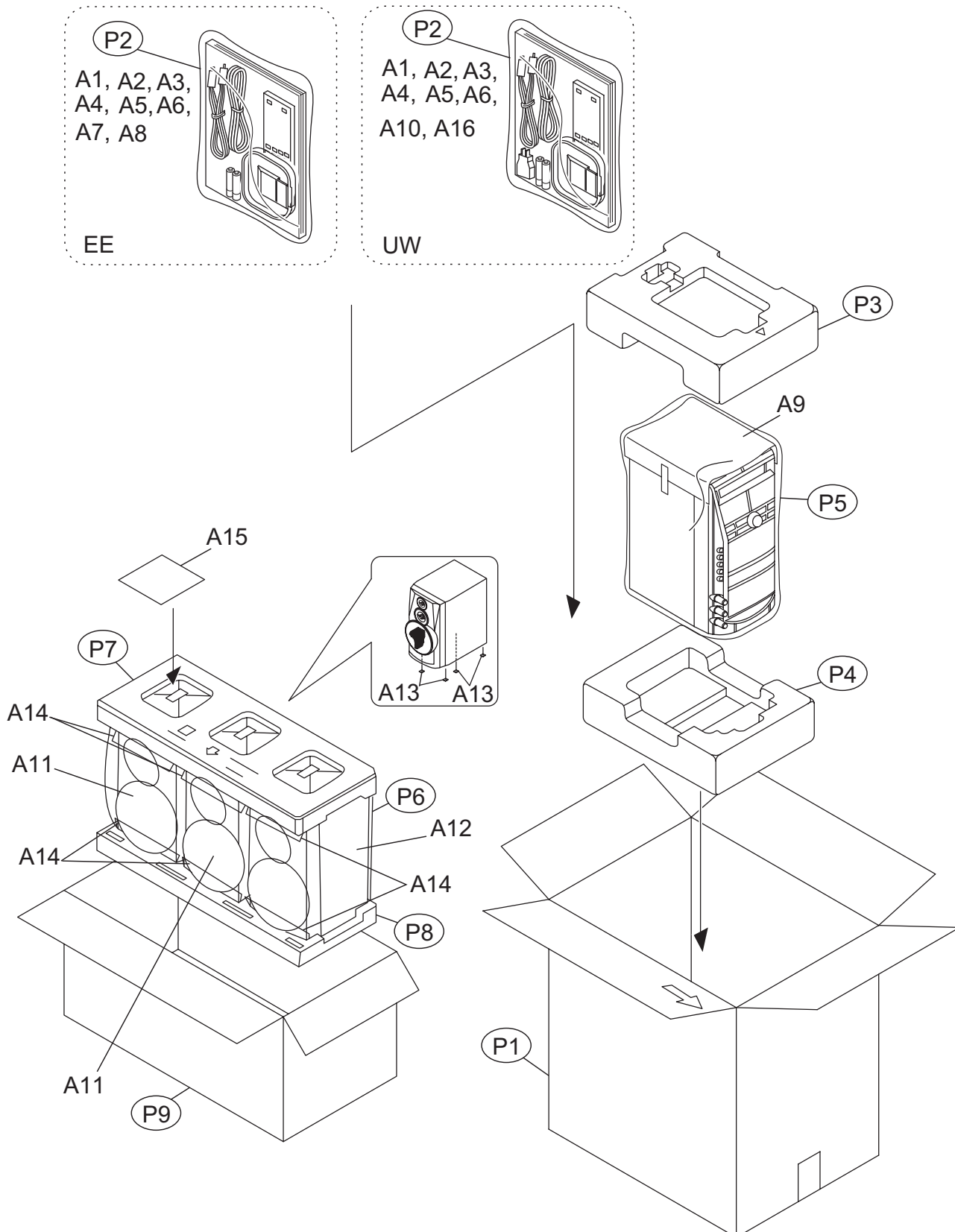
| △   | Symbol No. | Part No.       | Part Name        | Description | Local     |
|-----|------------|----------------|------------------|-------------|-----------|
| A 1 |            | QAL0014-003    | AM LOOP ANT      |             |           |
| A 2 |            | QAM0944-001    | PIN CABLE        |             |           |
| A 3 |            | RM-SDXJ35U     | REMOCON          |             |           |
| A 4 |            | QAL0457-001    | ANT.WIRE         |             |           |
| A 5 |            | -----          | BATTERY          | 1.5V(x2)    |           |
| A 6 |            | GVT0208-001A   | INST BOOK        | ENG         |           |
| A 7 |            | GVT0208-003A   | INST BOOK        | ARA PER     | 35UX,35UG |
| A 7 |            | GVT0208-002A   | INST BOOK        | CHI(PEKIN)  | 35UN      |
| A 8 |            | QAM0112-002    | CONVERSION PLUG  |             | 35UN      |
| A 9 |            | GV40168-012A   | SHEET            |             |           |
| A10 |            | SPDXJ35U-SPBOX | SPK WITH BOX-F   | (x2)        |           |
| A11 |            | ASL8CDK35-EB10 | SPK WITH BOX-C   |             |           |
| A12 |            | ASL8SDK35-EB10 | SPK WITH BOX-S   | (x2)        |           |
| A13 |            | 441-802104-00  | LEG CUSHION      | (x8)        |           |
| A14 |            | DUF803001-0002 | LEG CUSHION      | (x9)        |           |
| A15 |            | 715-250035-00  | MIRAMAT SHEET    | (x4)        |           |
| A16 |            | GVT0216-001A   | USER MANUAL      |             |           |
| P 1 |            | GV31068-001A   | CARTON ASSY.     |             | 35UX,35UG |
| P 1 |            | GV31068-002A   | CARTON ASSY.     |             | 35UN      |
| P 2 |            | QPC02503515PB  | POLY BAG         | 25cm x 35cm |           |
| P 3 |            | GV10381-001A   | CUSHION (TOP)    |             |           |
| P 4 |            | GV10382-001A   | CUSHION (BOTTOM) |             |           |
| P 5 |            | QPC06507030PB  | POLY BAG         | 65cm x 70cm |           |
| P 6 |            | 700-120114-10  | HDPE BAG         | (x2)        |           |
| P 7 |            | 720-DXJ10T-00  | TOP CUSHION      |             |           |
| P 8 |            | 720-DXJ10B-00  | BOTTOM CUSHION   |             |           |
| P 9 |            | 730-DXJ351-10  | PACKING CASE     |             | 35UX,35UG |
| P 9 |            | 730-DXJ350-10  | PACKING CASE     |             | 35UN      |
| P10 |            | ITF830367-0001 | TOP CUSHION      |             |           |
| P11 |            | ITF830367-0002 | BOTTOM CUSHION   |             |           |
| P12 |            | IYA803101-0030 | HDPE BAG         | (x3)        |           |

# Packing materials and accessories parts list

<DX-J20>

Block No. [M] [5] [M] [M]

No additional / supplemental order of WARRANTY CARDS are available



The parts without symbol number are not service.

## Packing and Accessories(Only DX-J20)

Block No. [M][5][M][M]

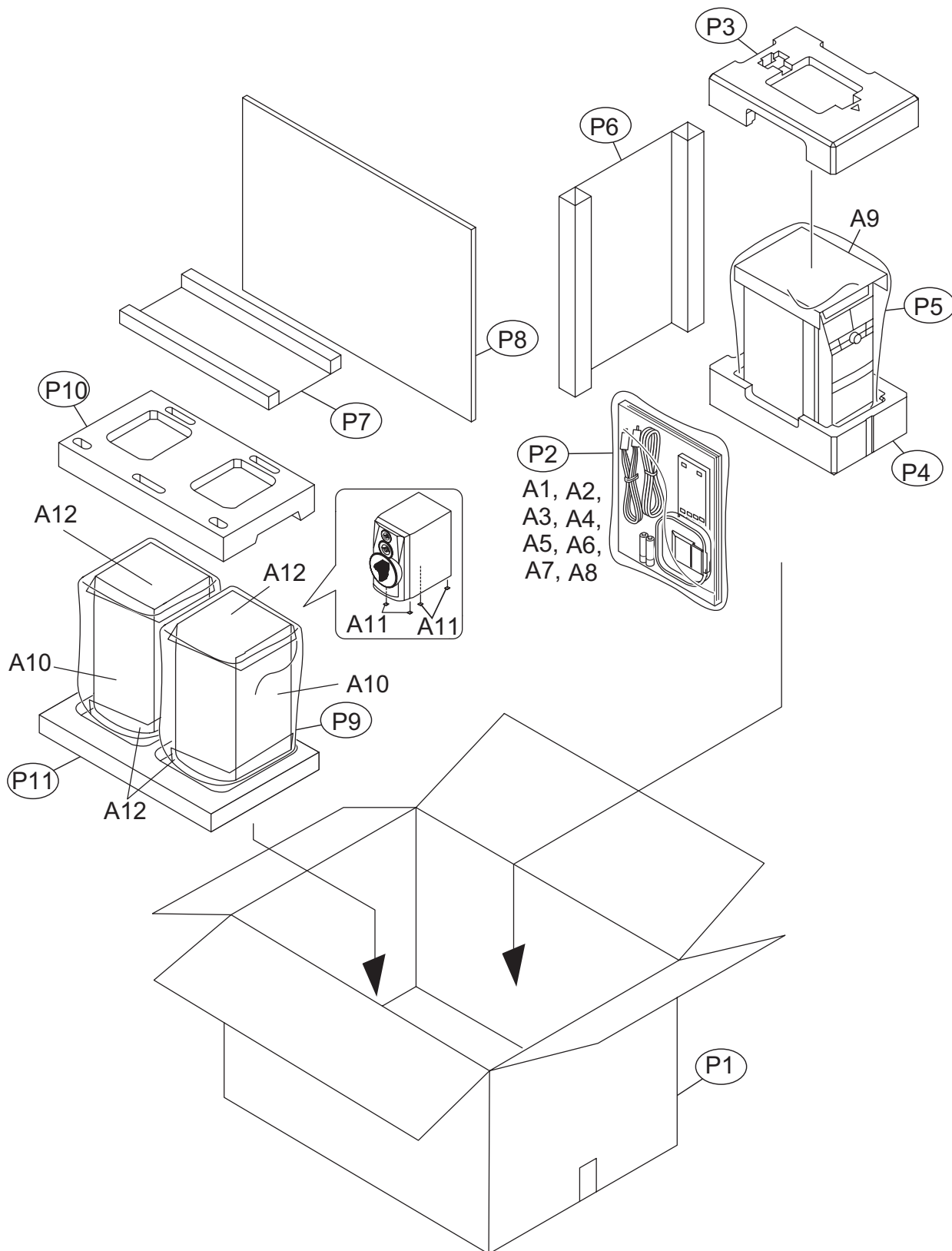
| △   | Symbol No. | Part No.        | Part Name        | Description | Local |
|-----|------------|-----------------|------------------|-------------|-------|
| A 1 |            | QAL0014-003     | AM LOOP ANT      |             |       |
| A 2 |            | QAM0944-001     | PIN CABLE        |             |       |
| A 3 |            | RM-SDXJ20U      | REMOCON          |             |       |
| A 4 |            | QAL0457-001     | ANT.WIRE         |             |       |
| A 5 |            | -----           | BATTERY          | 1.5V(x2)    |       |
| A 6 |            | GVT0207-004A    | INST BOOK        | RUS         | 20EE  |
| A 6 |            | GVT0207-001B    | INST BOOK        | ENG         | 20UW  |
| A 7 |            | -----           | WARRANTY CARD    | BT-54032-1  | 20EE  |
| A 8 |            | GV30898-001A    | I.B. LABEL       |             | 20EE  |
| A 9 |            | GV40168-012A    | SHEET            |             |       |
| A10 |            | QAM0112-002     | CONVERSION PLUG  |             | 20UW  |
| A11 |            | SPDXJ20US-SPBOX | SPK WITH BOX-F   | (x2)        |       |
| A12 |            | SPDWJ20UG-SPBOX | SPK WITH BOX-WO  |             |       |
| A13 |            | 441-802104-00   | LEG CUSHION      | (x12)       |       |
| A14 |            | 715-250035-00   | MIRAMAT SHEET    | (x6)        |       |
| A15 |            | GVT0214-003A    | USER MANUAL      |             | 20EE  |
| A15 |            | GVT0214-002A    | USER MANUAL      |             | 20UW  |
| A16 |            | GVT0207-003A    | INST BOOK        |             | 20UW  |
| P 1 |            | GV31066-006A    | CARTON ASSY.     |             | 20EE  |
| P 1 |            | GV31066-005A    | CARTON ASSY.     |             | 20UW  |
| P 2 |            | QPC02503515PB   | POLY BAG         | 25cm x 35cm |       |
| P 3 |            | GV10381-001A    | CUSHION (TOP)    |             |       |
| P 4 |            | GV10382-001A    | CUSHION (BOTTOM) |             |       |
| P 5 |            | QPC06507030PB   | POLY BAG         | 65cm x 70cm |       |
| P 6 |            | 720-120114-10   | HDPE BAG         | (x3)        |       |
| P 7 |            | 720-DXJ20T-00   | TOP CUSHION      |             |       |
| P 8 |            | 720-DXJ20B-00   | BOTTOM CUSHION   |             |       |
| P 9 |            | 730-DXJ202-10   | PACKING CASE     |             | 20EE  |
| P 9 |            | 730-DXJ200-10   | PACKING CASE     |             | 20UW  |

# Packing materials and accessories parts list

<DX-J10>

Block No. M 6 M M

No additional / supplemental order of WARRANTY CARDS are available



The parts without symbol number are not service.

## Packing and Accessories(Only DX-J10)

Block No. [M][6][M][M]

| △   | Symbol No. | Part No.       | Part Name        | Description | Local |
|-----|------------|----------------|------------------|-------------|-------|
| A 1 |            | QAL0014-003    | AM LOOP ANT      |             |       |
| A 2 |            | QAM0944-001    | PIN CABLE        |             |       |
| A 3 |            | RM-SDXJ20U     | REMOCON          |             |       |
| A 4 |            | QAL0457-001    | ANT.WIRE         |             |       |
| A 5 |            | -----          | BATTERY          | 1.5V(x2)    |       |
| A 6 |            | GVT0207-004A   | INST BOOK        | RUS         |       |
| A 7 |            | -----          | WARRANTY CARD    | BT-54032-1  |       |
| A 8 |            | GV30898-001A   | I.B. LABEL       |             |       |
| A 9 |            | GV40168-012A   | SHEET            |             |       |
| A10 |            | SPDXJ10U-SPBOX | SPK WITH BOX     | (x2)        |       |
| A11 |            | 441-802104-00  | LEG CUSHION      | (x8)        |       |
| A12 |            | 715-250035-00  | MIRAMAT SHEET    | (x4)        |       |
| P 1 |            | GV31117-001A   | MASTER CARTON    |             |       |
| P 2 |            | QPC02503515PB  | POLY BAG         | 25cm x 35cm |       |
| P 3 |            | GV10381-001A   | CUSHION (TOP)    |             |       |
| P 4 |            | GV10382-001A   | CUSHION (BOTTOM) |             |       |
| P 5 |            | QPC06507030PB  | POLY BAG         | 65cm x 70cm |       |
| P 6 |            | GV30897-003A   | CARTON SPACER    |             |       |
| P 7 |            | GV30897-004A   | CARTON SPACER    |             |       |
| P 8 |            | GV40256-005A   | CORRUGATED SPAC  |             |       |
| P 9 |            | 700-120114-10  | HDPE BAG         | (x2)        |       |
| P10 |            | 720-DXJ10T-00  | TOP CUSHION      |             |       |
| P11 |            | 720-DXJ10B-00  | BOTTOM CUSHION   |             |       |