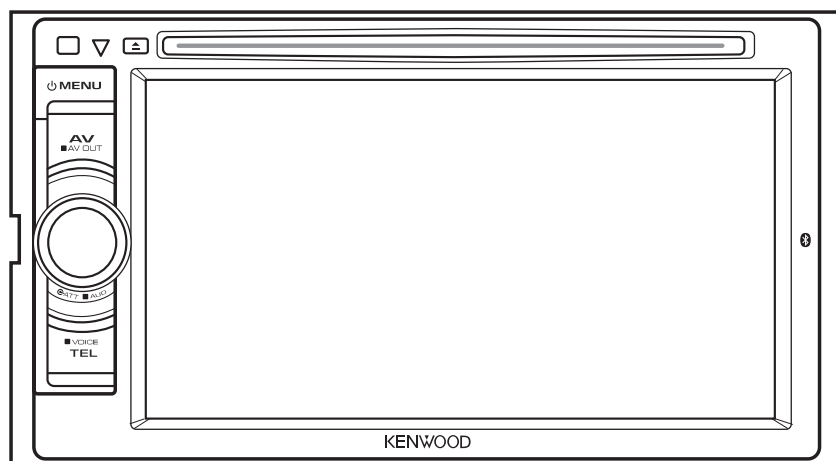


# KENWOOD

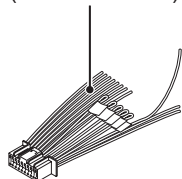
## SERVICE MANUAL

### MONITOR WITH DVD RECEIVER

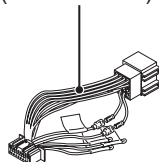
**DDX2071, DDX271, DDX3025, DDX3055, DDX3071BT,  
DDX310BT, DDX371, DDX4025BT, DDX4025DAB,  
DDX4055BT, DDX471HD, DDX491HD**



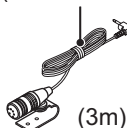
DC cord \*  
(QAM1572-001)



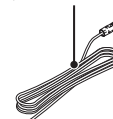
DC cord \*  
(E30-8233-08)



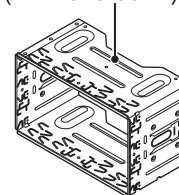
Microphone \*  
(QAN0126-001)



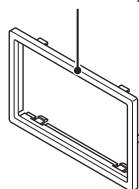
Car cable (PRK)  
(E30-8287-08)  
(QAM1355-002)



Sleeve assy \*  
(J22-0657-03)  
(LV22876-001A)



Escutcheon  
(B07-3263-02)



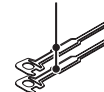
Screw \*  
(N32-5007-48)  
x6



Screw \*  
(N34-5006-48)  
x6



Lever  
(D10-7012-04) x2  
(LV45516-001A) x2



Remote controller assy \*  
(A70-2083-15)



RC-DV340

\* It uses it by some models. Refer to the parts list.

This product uses Lead Free solder.

This product complies with the **RoHS** directive for the European market.



# SPECIFICATION

## Models for destination "K&R"

|  |                   |  |
|--|-------------------|--|
| <b>Monitor section</b>   |                   |  |
| Picture Size   |                   | 6.1 inches (diagonal) wide 136.2 mm × 72 mm [5-6/16" × 2-13/16"]   |
| Display System   |                   | Transparent TN LCD panel   |
| Drive System   |                   | TFT active matrix system   |
| Number of Pixels   |                   | 1,152,000 (800H × 480V × RGB)  |
| Effective Pixels   |                   | 99.99%   |
| Pixel Arrangement  |                   | RGB striped arrangement  |
| Back Lighting  |                   | LED  |
| <b>DVD player section</b>  |                   |  |
| D/A Converter  |                   | 24 bit   |
| Audio Decoder  |                   | Linear PCM/Dolby Digital/MP3/WMA/AAC/WAV   |
| Video Decoder  |                   | MPEG1/MPEG2/DivX*<br>*Only for DDX3071BT/DDX2071   |
| Wow & Flutter  |                   | Below Measurable Limit   |
| Frequency Response   | 96 kHz Sampling   | 20 Hz - 22,000 Hz  |
|  | 48 kHz Sampling   | 20 Hz - 22,000 Hz  |
|  | 44.1 kHz Sampling | 20 Hz - 20,000 Hz  |
| Total Harmonic Distortion  |                   | 0.010% (1 kHz)   |
| S/N Ratio (dB)   |                   | 99 dB (DVD-Video 96 kHz)   |
| Dynamic Range  |                   | 99 dB (DVD-Video 96 kHz)   |
| Disc Format  |                   | DVD-Video/DVD-VR/VIDEO-CD/CD-DA  |
| Sampling frequency   |                   | 44.1 kHz/48 kHz/96 kHz   |
| Quantifying Bit Number   |                   | 16/20/24 bit   |
| <b>USB interface section</b>   |                   |  |
| USB Standard   |                   | USB 2.0 Full Speed   |
| File System  |                   | FAT 16/32  |
| Maximum Power Supply Current   |                   | DC 5 V <sub>max</sub> 1 A  |
| D/A Converter  |                   | 24 Bit   |
| Video Decoder  |                   | MPEG1/MPEG2/DivX*<br>*Only for DDX3071BT/DDX2071   |
| Audio Decoder  |                   | MP3/WMA/AAC/WAV  |
| <b>Bluetooth section [DDX491HD/DDX471HD/DDX371/DDX310BT/DDX3071BT]</b> |                   |  |
| Technology   |                   | Bluetooth 2.1 + EDR  |
| Frequency  |                   | 2.402 GHz - 2.480 GHz  |
| Output Power   |                   | +4 dBm (MAX), 0 dBm (AVE), Power Class2  |
| Maximum Communication range  |                   | Line of sight approx. 10 m (32.8 ft)   |
| Audio Codec  |                   | SBC  |
| Profile  |                   | HFP (Hands Free Profile), OPP (Object Push Profile), PBAP (Phonebook Access Profile), A2DP (Advanced Audio Distribution Profile), AVRCP (Audio/Video Remote Control Profile), GAP (Generic Access Profile), SDP (Service Discovery Profile), SPP (Serial Port Profile) |

|  |        |  |
|--|--------|--|
| FM tuner section   |        |  |
| Frequency Range  |        | 87.9 MHz to 107.9 MHz (200 kHz) [DDX491HD/DDX471HD/DDX371/DDX310BT/DDX271]     |
|  |        | 87.5 MHz to 108.0 MHz (50 kHz) [DDX3071BT/DDX2071]                             |
| Usable Sensitivity (S/N: 30 dB Dev 22.5 kHz)                 |        | 9.3 dBf (0.8 μV/75 Ω)  |
| Quieting Sensitivity (S/N: 46 dB Dev 22.5 kHz)               |        | 15.2 dBf (1.6 μV/75 Ω)   |
| Frequency Response (± 3.0 dB)                                |        | Digital: 20 Hz - 20 kHz [Only for DDX491HD/DDX471HD]<br>Analog: 30 Hz - 15 kHz |
| S/N Ratio (dB)   |        | Digital: 75 dB (STEREO) [Only for DDX491HD/DDX471HD]<br>Analog: 75 dB (MONO)   |
| Selectivity (± 400 kHz)                                      |        | ≥ 80 dB  |
| Stereo Separation  |        | 45 dB (1 kHz)  |
| AM tuner section   |        |  |
| Frequency Range (10 kHz)                                     |        | 530 kHz - 1 700 kHz  |
| Usable Sensitivity   |        | 28 dBμ   |
| Frequency Response (± 3.0 dB)                                |        | Digital: 40 Hz - 15 kHz [Only for DDX491HD/DDX471HD]                           |
| Signal to Noise Ratio  |        | Digital: 75 dB (STEREO) [Only for DDX491HD/DDX471HD]                           |
| Video section  |        |  |
| Color System of External Video Input                         |        | NTSC/PAL   |
| External Video Input Level (mini jack)                       |        | 1 Vp-p/ 75 Ω   |
| External Audio Max Input Level (mini jack)                   |        | 2 V/ 25 kΩ   |
| Video Output Level (RCA jack)                                |        | 1 Vp-p/ 75 Ω   |
| Audio Output Level (mini jack)                               |        | 1.2 V/ 10 kΩ   |
| Audio section  |        |  |
| Maximum Power (Front & Rear)                                 |        | 50 W × 4   |
| Full Bandwidth Power (Front & Rear)<br>(4 Ω, 14.4 V, 1% THD) |        | 22 W × 4   |
| Preout Level   |        | 4 V/10 kΩ  |
| Preout Impedance   |        | ≤ 600 Ω  |
| Speaker Impedance  |        | 4 Ω - 8 Ω  |
| Tone   | Bass   | 100 Hz ± 8 dB  |
|  | Middle | 1 kHz ± 8 dB   |
|  | Treble | 12.5 kHz ± 8 dB  |
| General  |        |  |
| Operating Voltage  |        | 14.4 V (10.5 V - 16 V allowable)   |
| Maximum Current Consumption                                  |        | 10 A   |
| Dimensions (W × H × D)                                       |        | 182 mm × 112 mm × 162 mm (7-3/16" × 4-3/8" × 6-7/16")                          |
| Operational Temperature Range                                |        | -10°C - +60°C  |
| Weight   |        | 2.0 kg (4.4 lbs)   |

- Specifications are subject to change without notice.

# SPECIFICATION

## Models for destination "E&Q"

|   |                   |  |
|---|-------------------|--|
| <b>Monitor section</b>                                    |                   |  |
| Picture Size  |                   | 6.1 inches (diagonal) wide 136.2 mm (W) × 72 mm (H)  |
| Display System  |                   | Transparent TN LCD panel   |
| Drive System  |                   | TFT active matrix system   |
| Number of Pixels  |                   | 1,152,000 (800H × 480V × RGB)  |
| Effective Pixels  |                   | 99.99%   |
| Pixel Arrangement   |                   | RGB striped arrangement  |
| Back Lighting   |                   | LED  |
| <b>DVD player section</b>                                 |                   |  |
| D/A Converter   |                   | 24 bit   |
| Audio Decoder   |                   | Linear PCM/Dolby Digital/MP3/WMA/AAC/WAV   |
| Video Decoder   |                   | MPEG1/MPEG2/DivX   |
| Wow & Flutter   |                   | Below Measurable Limit   |
| Frequency Response  | 96 kHz Sampling   | 20 Hz - 22,000 Hz  |
|   | 48 kHz Sampling   | 20 Hz - 22,000 Hz  |
|   | 44.1 kHz Sampling | 20 Hz - 20,000 Hz  |
| Total Harmonic Distortion                                 |                   | 0.010% (1 kHz)   |
| S/N Ratio (dB)  |                   | 99 dB (DVD-Video 96 kHz)   |
| Dynamic Range   |                   | 99 dB (DVD-Video 96 kHz)   |
| Disc Format   |                   | DVD-Video/DVD-VR/VIDEO-CD/CD-DA  |
| Sampling frequency  |                   | 44.1 kHz/48 kHz/96 kHz   |
| Quantifying Bit Number                                    |                   | 16/20/24 bit   |
| <b>USB interface section</b>                              |                   |  |
| USB Standard  |                   | USB 2.0 Full Speed   |
| File System   |                   | FAT 16/32  |
| Maximum Power Supply Current                              |                   | DC 5 V <sub>max</sub> 1 A  |
| D/A Converter   |                   | 24 Bit   |
| Video Decoder   |                   | MPEG1/MPEG2/DivX   |
| Audio Decoder   |                   | MP3/WMA/AAC/WAV  |
| <b>Bluetooth section [DDX4025DAB/DDX4025BT/DDX4055BT]</b> |                   |  |
| Technology  |                   | Bluetooth 2.1 + EDR  |
| Frequency   |                   | 2.402 GHz - 2.480 GHz  |
| Output Power  |                   | +4 dBm (MAX), 0 dBm (AVE), Power Class2  |
| Maximum Communication range                               |                   | Line of sight approx. 10 m   |
| Audio Codec   |                   | SBC  |
| Profile   |                   | HFP (Hands Free Profile), OPP (Object Push Profile), PBAP (Phonebook Access Profile), A2DP (Advanced Audio Distribution Profile), AVRCP (Audio/Video Remote Control Profile), GAP (Generic Access Profile), SDP (Service Discovery Profile), SPP (Serial Port Profile) |
| <b>Digital tuner (DAB) section (DDX4025DAB)</b>           |                   |  |
| Frequency Range   | L-BAND            | 1 452.960 MHz - 1 490.624 MHz  |
|   | BAND III          | 174.928 MHz - 239.200 MHz  |
| Sensitivity   |                   | -100 dBm   |
| Signal to Noise Ratio                                     |                   | 90 dB  |
| DAB Antenna Connector                                     | Connector type    | SMB  |
|   | Output Voltage    | 14.4 V (11 V - 16 V allowable)   |
|   | Maximum Current   | <100 mA  |



|  |        |   |
|--|--------|---|
| <b>FM tuner section</b>  |        |   |
| Frequency Range (50 kHz)   |        | 87.5 MHz - 108.0 MHz                              |
| Usable Sensitivity (S/N: 30 dB Dev 22.5 kHz)                     |        | 9.3 dBf (0.8 $\Omega$ V/75 %) 0.7 $\Omega$ V/75 % |
| Quieting Sensitivity (S/N: 46 dB Dev 22.5 kHz)                   |        | 15.2 dBf (1.6 $\Omega$ V/75 %)                    |
| Frequency Response ( $\pm$ 3.0 dB)                               |        | 30 Hz - 15 kHz                                    |
| Signal to Noise Ratio  |        | 75 dB (MONO)                                      |
| Selectivity ( $\pm$ 400 kHz)                                     |        | $\geq$ 80 dB                                      |
| Stereo Separation  |        | 45 dB (1 kHz)                                     |
| <b>LW tuner section</b>  |        |   |
| Frequency Range (9 kHz)  |        | 153 kHz - 279 kHz                                 |
| Usable Sensitivity   |        | 45 $\mu$ V  |
| <b>MW tuner section</b>  |        |   |
| Frequency Range (9 kHz)  |        | 531 kHz - 1611 kHz                                |
| Usable Sensitivity   |        | 25 $\mu$ V  |
| <b>Video section</b>   |        |   |
| Color System of External Video Input                             |        | NTSC/PAL  |
| External Video Input Level (mini jack)                           |        | 1 Vp-p/ 75 $\Omega$                               |
| External Audio Max Input Level (mini jack)                       |        | 2 V/ 25 k $\Omega$                                |
| Video Output Level (RCA jack)                                    |        | 1 Vp-p/ 75 $\Omega$                               |
| Audio Output Level (mini jack)                                   |        | 1.2 V/ 10 k $\Omega$                              |
| Analog RGB input   |        | 0.7 Vp-p/ 75 $\Omega$                             |
| <b>Audio section</b>   |        |   |
| Maximum Power (Front & Rear)                                     |        | 50 W $\times$ 4                                   |
| Full Bandwidth Power (Front & Rear)<br>(PWR DIN 45324, +B=14.4V) |        | 30 W $\times$ 4                                   |
| Preout Level   |        | 4 V/10 k $\Omega$                                 |
| Preout Impedance   |        | $\leq$ 600 $\Omega$                               |
| Speaker Impedance  |        | 4 - 8 $\Omega$                                    |
| Tone   | Bass   | 100 Hz $\pm$ 8 dB                                 |
|  | Middle | 1 kHz $\pm$ 8 dB                                  |
|  | Treble | 12.5 kHz $\pm$ 8 dB                               |
| <b>General</b>   |        |   |
| Operating Voltage  |        | 14.4 V (10.5 V - 16 V allowable)                  |
| Maximum Current Consumption                                      |        | 10 A  |
| Dimensions (W $\times$ H $\times$ D)                             |        | 182 mm $\times$ 112 mm $\times$ 162 mm            |
| Operational Temperature Range                                    |        | -10°C - +60°C                                     |
| Weight   |        | 2.0 kg  |

- 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.

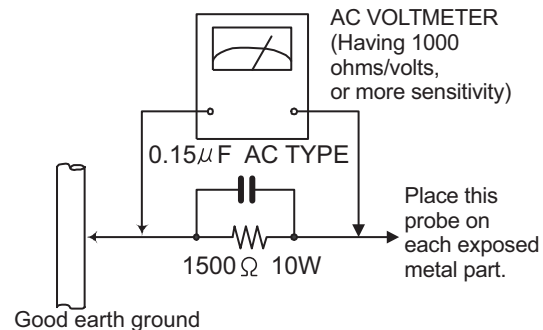
(5) Leakage shock hazard testing

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

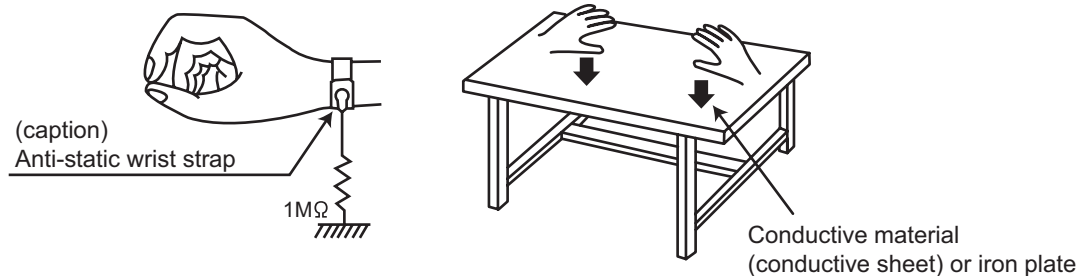
Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as laser products. Be careful to use proper grounding in the area where repairs are being performed.

(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.

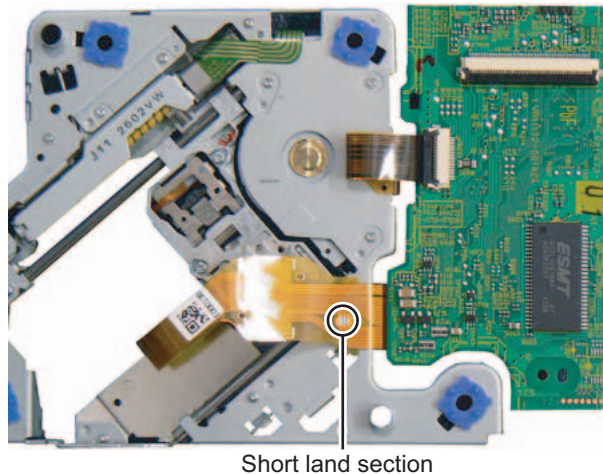
## 1.6 Handling the traverse unit (optical pickup)

- (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 FPC wire is disconnected from the connector on the DVD mecha board. (If the FPC 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 FPC 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.

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

**VARO!** Avattaessa olet alttiina nakyvälle 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:** 打开蓋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.

## 1.9 Remote control

The Lithium battery is in danger of explosion if replaced incorrectly. Replace it only with the same or equivalent type.

## SECTION 2

### SPECIFIC SERVICE INSTRUCTIONS

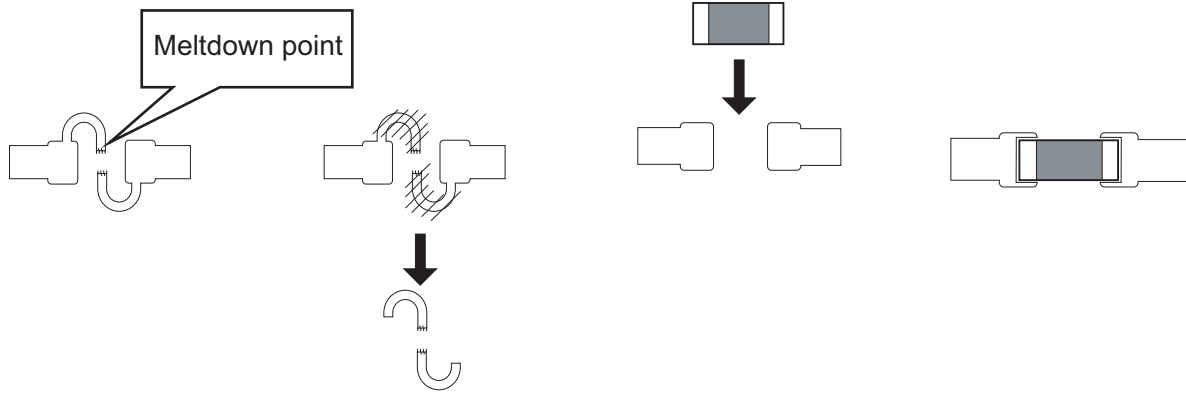
#### 2.1 How to repair a fuse pattern

##### 2.1.1 Purpose of fuse pattern

In order to prevent serious damage on the circuit, fuse pattern is prepared on the GND line of RCA Terminal. This damage may take due to improper part replacement with a external equipment via RCA line.

##### 2.1.2 Repair Procedure

- (1) Check the shorted circuit at the meltdown point.  
Need to clean up if the shorted circuit or carbonization happen at the fuse pattern.
- (2) Add following parts on the fuse pattern.
- (3) Check output level.



| Parts Number | SPEC |
|--------------|------|
| F53-0513-08  | 4A   |

##### 2.1.3 After finished repair

Due to improper part replacement, this meltdown occurs.

Thus please notice following information when the unit is return to your customer.

Things to be checked before installing the unit.

- (1) Check the GND line of external amplifier or other equipment which must connect properly.
- (2) Check whether the GND line is not short-circuited with the battery terminal. (do not short-circuit these lines)

#### 2.2 COMPONENTS DESCRIPTION

##### 2.2.1 MAIN PWB ASS'Y

| Ref. No. | Application / Function | Operation / Condition / Compatibility  |
|----------|------------------------|--|
| IC1      | Regulator              | System DC Regulator IC                 |
| IC111    | Regulator              | D3.3V DCDCconverter IC                 |
| IC131    | Regulator              | D5V DCDCconverter IC                   |
| IC151    | Regulator              | 22V/-20V DCDCconverter IC              |
| IC171    | Regulator              | USB5V DCDCconverter IC                 |
| IC201    | Power IC               | Power AMP                              |
| IC301    | Electronic Vol IC      | Audio Vol Control, Audio Signal Select |
| IC401    | TUNER IC               | TUNER IC                               |
| IC402    | Regulator              | For DAB1.2V Regulator IC               |
| IC501    | MCU IC                 | System control IC                      |
| IC502    | Voltage detect IC      | Reset signal generate at 2.4V          |
| IC503    | EEPROM                 | Memory                                 |
| IC591    | Regulator              | For BU3.3V Regulator IC                |
| IC711    | AND Logic IC           | Navi(SXI) TX 3.3V→5.0V convert         |
| IC721    | AND Logic IC           | Navi(SXI) RX 5.0V→3.3V convert         |

| Ref. No. | Application / Function | Operation / Condition / Compatibility |
|----------|------------------------|---------------------------------------|
| IC731    | Video selector IC      | RGB or YCbCr selector                 |
| IC751    | AND Logic IC           | REMOCON signal MIX circuit            |
| IC801    | MCU IC                 | DAB control IC                        |
| IC851    | Regulator              | For TUNER3.3V Regulator IC            |
| Q31      | Transistor             | SURGE_DET control                     |
| Q32      | Transistor             | BU_DET control                        |
| Q41      | Transistor             | ACC_DET control                       |
| Q51      | Transistor             | ILUMI control                         |
| Q101     | SW FET                 | SW14V ON/OFF                          |
| Q102     | Transistor             | SW14V control                         |
| Q103     | Transistor             | SW14V control                         |
| Q104     | Transistor             | SW14V control                         |
| Q105     | Transistor             | SW14V control                         |
| Q111     | Transistor             | DCDC ERROR_DET                        |
| Q131     | Transistor             | DCDC ERROR_DET                        |
| Q151     | SW FET                 | DCDC SW FET (22V-22V)                 |
| Q171     | Transistor             | DCDC ERROR_DET                        |

| Ref. No. | Application / Function | Operation / Condition / Compatibility |
|----------|------------------------|---------------------------------------|
| Q251     | Transistor             | PRE_OUT_Mute control                  |
| Q252     | Transistor             | PRE_OUT_Mute control                  |
| Q255     | Transistor             | PRE_OUT_Mute control                  |
| Q256     | Transistor             | PRE_OUT_Mute control                  |
| Q261     | Transistor             | PRE_OUT_Mute                          |
| Q262     | Transistor             | PRE_OUT_Mute                          |
| Q263     | Transistor             | PRE_OUT_Mute                          |
| Q264     | Transistor             | PRE_OUT_Mute                          |
| Q265     | Transistor             | PRE_OUT_Mute                          |
| Q292     | Transistor             | A_OUT_Mute control                    |
| Q293     | Transistor             | A_OUT_Mute                            |
| Q294     | Transistor             | A_OUT_Mute                            |
| Q511     | Transistor             | RESET MUTE control                    |
| Q512     | Transistor             | RESET MUTE                            |
| Q521     | Transistor             | KEY IN DET                            |
| Q591     | Transistor             | SW3.3V control                        |
| Q592     | Transistor             | SW3.3V control                        |
| Q601     | Transistor             | SI control                            |
| Q611     | Transistor             | TOUCH control                         |
| Q612     | Transistor             | TOUCH control                         |
| Q613     | Transistor             | TOUCH control                         |
| Q614     | Transistor             | TOUCH control                         |
| Q761     | MOS FET                | STREMO control                        |
| Q762     | Transistor             | STREMO control                        |
| Q771     | MOS FET                | STREMO control                        |

## 2.2.2 SUB PWB ASS'Y

| Ref. No. | Application / Function | Operation / Condition / Compatibility |
|----------|------------------------|---------------------------------------|
| IC1      | Regulator              | System DC Regulator IC                |
| IC41     | Analogue IC            | VIDEO Isolation AMP                   |
| IC51     | Video selector IC      | Video selector to LCD                 |
| IC61     | Video selector IC      | Video selector to VOUT                |
| IC62     | Video buffer           | VOUT Video driver with LPF            |
| Q11      | Transistor             | PARKING control                       |
| Q12      | Transistor             | PARKING control                       |
| Q13      | Transistor             | PARKING control                       |
| Q21      | Transistor             | REVERSE control                       |

## 2.2.3 PANEL-A PWB ASS'Y

| Ref. No. | Application / Function  | Operation / Condition / Compatibility |
|----------|-------------------------|---------------------------------------|
| IC401    | Croma Gamma T/C Scaller |                                       |
| IC404    | Logic IC                | APPCLK buffer                         |
| IC405    | Regulator               | 1.2V Regulator IC                     |
| IC406    | Logic IC                | Vsync 1.0V→3.3V convert               |
| IC431    | 128Mbit SDRAM IC        | SDRAM for Image signal preservation   |
| IC441    | 64Mbit FLASH ROM        | FLASH ROM for MN103SH23               |

| Ref. No. | Application / Function | Operation / Condition / Compatibility |
|----------|------------------------|---------------------------------------|
| IC451    | 64Mbit FLASH ROM       | FLASH ROM for MN103SH23               |
| IC501    | Regulator              | 9.2V Regulator IC                     |
| IC511    | OP-AMP X 2             | VCOM AMP                              |
| Q4002    | Transistor             | Vsync control                         |
| Q4601    | Transistor             | VIDEO buffer                          |
| Q4611    | Transistor             | VIDEO buffer                          |
| Q4621    | Transistor             | VIDEO buffer                          |
| Q4631    | Transistor             | VIDEO buffer                          |
| Q5201    | Transistor             | 18V Regulator                         |
| Q5202    | Transistor             | 18V Regulator                         |
| Q5203    | Transistor             | 18V Regulator                         |
| Q5301    | Transistor             | -6V Regulator                         |
| Q5302    | Transistor             | -6V Regulator                         |

## 2.2.4 PANEL-B PWB ASS'Y

| Ref. No. | Application / Function | Operation / Condition / Compatibility |
|----------|------------------------|---------------------------------------|
| IC651    | Remote control module  | Remote control sensor                 |
| Q6001    | Transistor             | LCD Constant current circuit          |
| Q6002    | Transistor             | LCD Constant current circuit          |
| Q6003    | Transistor             | LCD Constant current circuit          |
| Q6004    | Transistor             | LCD Constant current circuit          |
| Q6005    | Transistor             | 18V Regulator                         |
| Q6006    | Transistor             | LCD Constant current circuit          |
| Q6007    | Transistor             | LCD Constant current circuit          |
| Q6008    | Transistor             | LCD Constant current circuit          |
| Q6009    | Transistor             | LCD Constant current circuit          |
| Q6010    | Transistor             | 18V Regulator controller              |
| Q6011    | Transistor             | 18V Regulator controller              |
| Q6041    | Transistor             | LCD Constant current circuit          |
| Q6042    | Transistor             | LCD Constant current circuit          |
| Q6043    | Transistor             | LCD Constant current circuit          |
| Q6044    | Transistor             | LCD Constant current circuit          |
| Q6045    | Transistor             | LCD Constant current circuit          |
| Q6046    | Transistor             | LCD Constant current circuit          |
| Q6047    | Transistor             | LCD Constant current circuit          |
| Q6048    | Transistor             | LCD Constant current circuit          |
| Q6201    | Transistor             | LED B Constant current circuit        |
| Q6202    | Transistor             | LED G Constant current circuit        |
| Q6203    | Transistor             | LED R Constant current circuit        |

## 2.2.5 BT PWB ASS'Y

| Ref. No. | Application / Function | Operation / Condition / Compatibility |
|----------|------------------------|---------------------------------------|
| Q3001    | Transistor             | 5.0V Regulator for DAC                |



## SECTION 3 DISASSEMBLY

### 3.1 Main body

#### 3.1.1 Removing the Front chassis (See Fig.1 to 3)

- (1) Remove the 3 screws **A**. (See Fig.1 and 2)

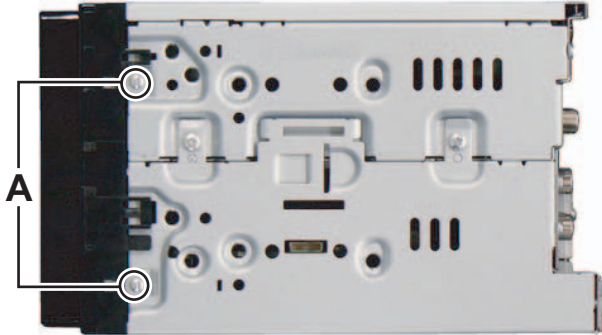


Fig.1

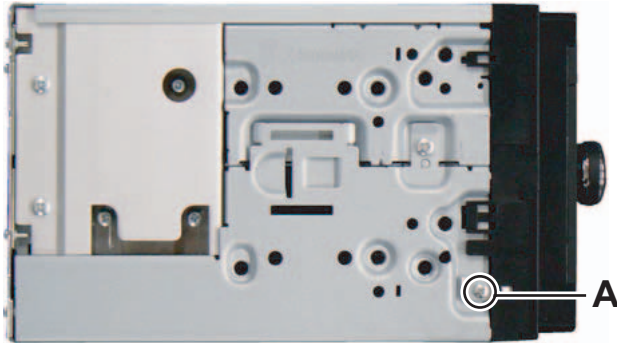


Fig.2

- (2) Disengage 6 hooks **a** engaged, and remove the Front chassis. (See Fig.3)

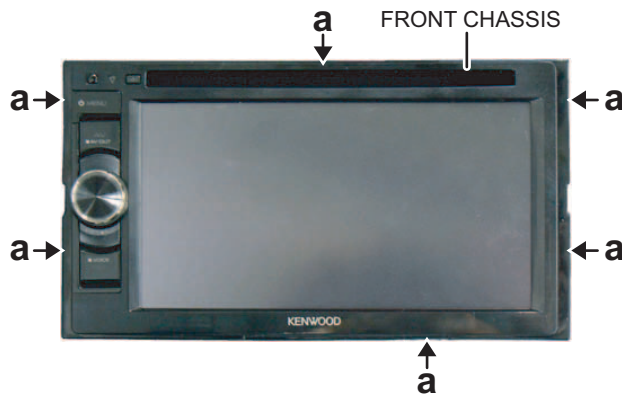
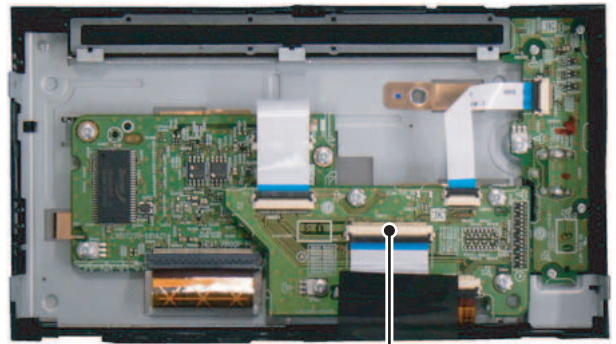


Fig.3

- (3) Disconnect the wire from [CN610](#). (See Fig.4)



CN610

Fig.4

#### 3.1.2 Removing the Panel-B PWB Assy (See Fig.5)

- (1) Disconnect the wires from [CN603](#), [CN604](#), [CN605](#) and [CN606](#).  
(2) Remove the 4 screws **B**, and remove the Panel-B PWB Assy.

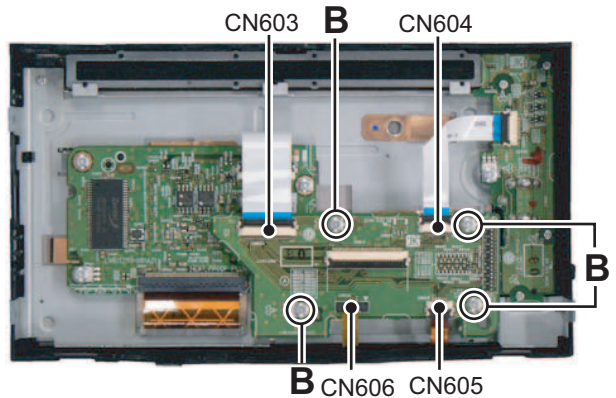
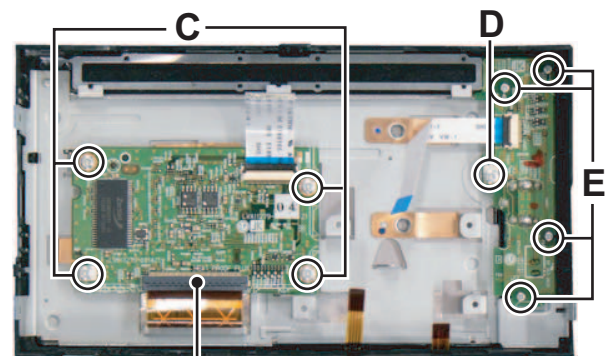


Fig.5

#### 3.1.3 Removing the Panel-A PWB Assy / Switch PWB Assy (See Fig.6)

- (1) Disconnect the wire from [CN501](#).  
(2) Remove the 4 screws **C**, and remove the Panel-A PWB Assy.  
(3) Remove the Volume knob.  
(4) Remove the 1 screw **D** and 4 screws **E**, and remove the Switch PWB Assy.



CN501

Fig.6

### 3.1.4 Removing the DVD mecha assy (See Fig.7 and 8)

- (1) Remove the 4 screws **F**, and remove the Top cover. (See Fig.7)

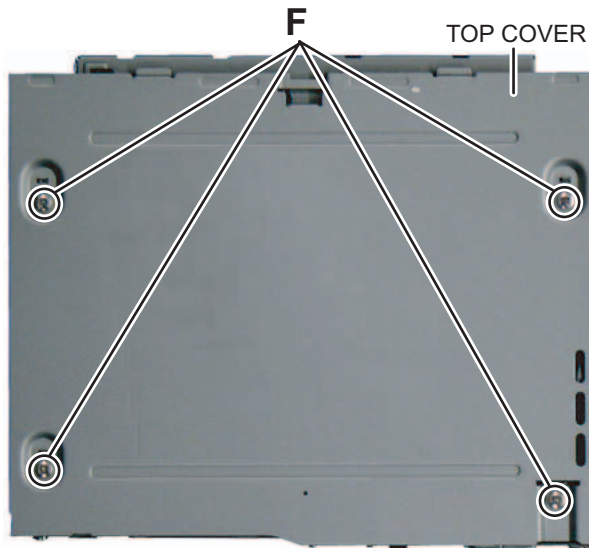


Fig.7

- (2) Disconnect the wire from [CN651](#), and remove the DVD mecha assy. (See Fig.8)

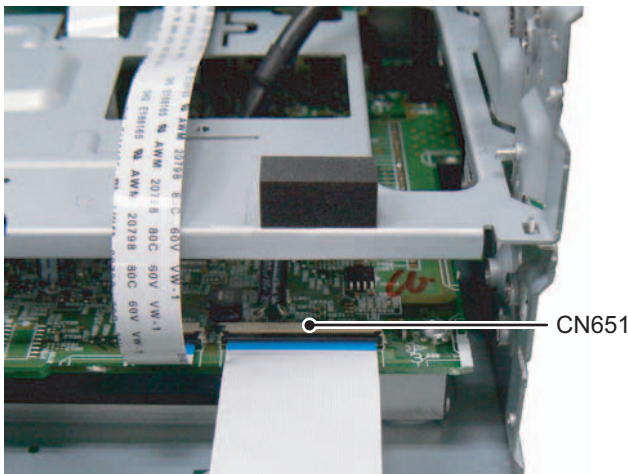


Fig.8

### 3.1.5 Removing the BT PWB assy (See Fig.9)

- (1) Disconnect the wires from [CN301](#) and [CN302](#).
- (2) Remove the 3 screws **G**, and remove the BT PWB assy.

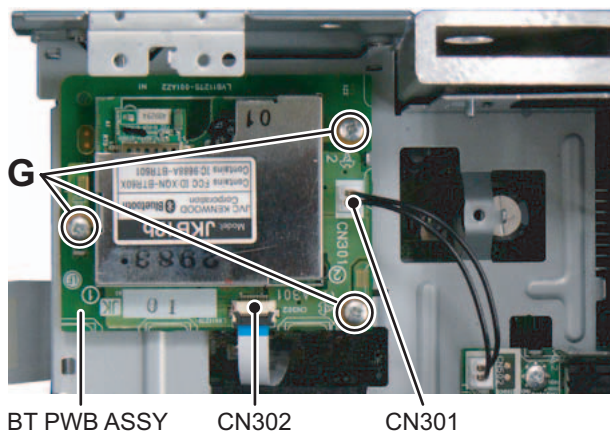


Fig.9

### 3.1.6 Removing the Sub PWB assy (See Fig.10 and 11)

- (1) Remove the 4 screws **H** and 1 screw **J**. (See Fig.10)

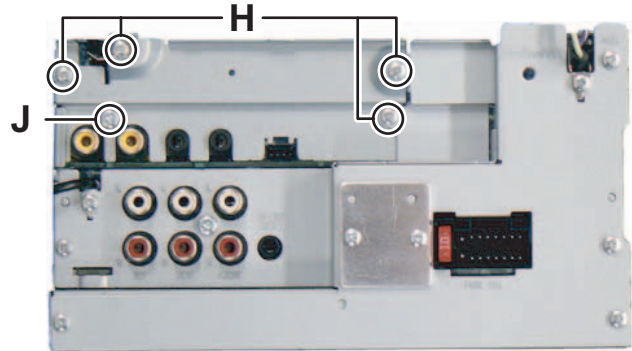


Fig.10

- (2) Disconnect the wires from [CN1](#), [CN2](#), [CN3](#) and [CN681](#). (See Fig.11)
- (3) Remove the 2 screws **K**, and remove the Sub PWB assy. (See Fig.11)

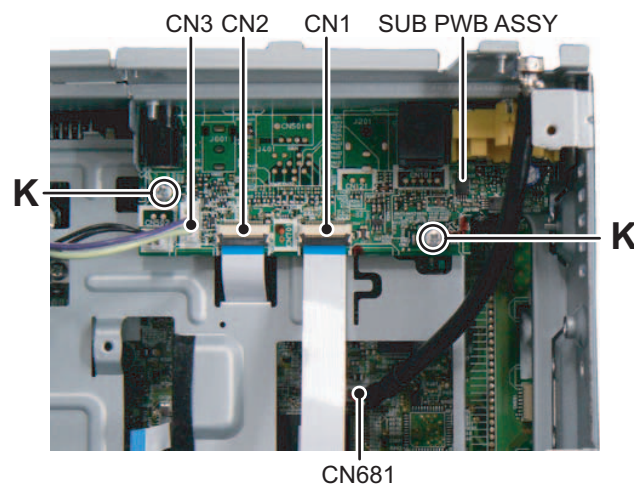


Fig.11

### 3.1.7 Removing the Main PWB assy (See Fig.12 to 15)

- (1) Remove the 2 screws **L**, and remove the Heatsink. (See Fig.12)
- (2) Remove the 6 screws **M** and 1 screw **N**, and remove the Rear bracket. (See Fig.12)

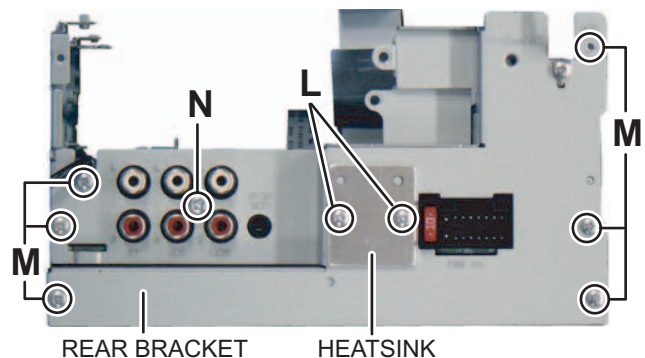


Fig.12



- (3) Remove the 3 screws **P** and 2 screws **Q**, and remove the Heatsink. (See Fig.13)
- (4) Remove the 1 screw **R**. (See Fig.13)

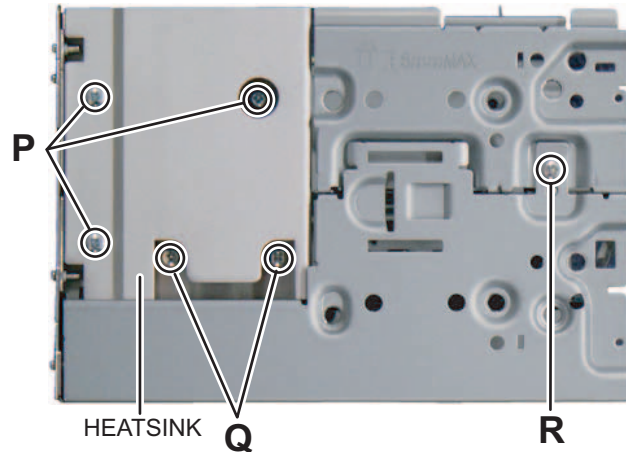


Fig.13

- (5) Remove the 2 screws **S**, and remove the Top chassis. (See Fig.14)

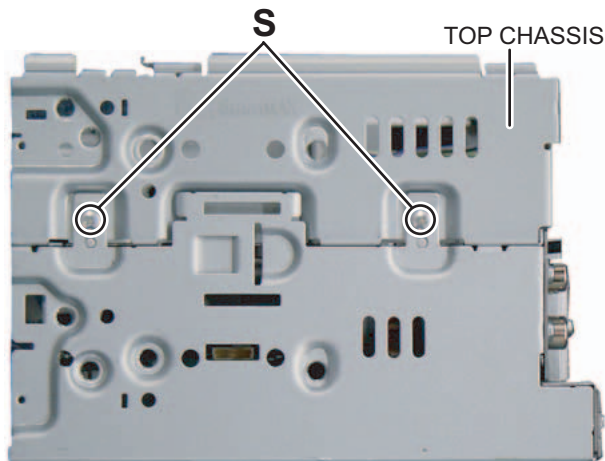


Fig.14

- (6) Remove the 4 screws **T**, and remove the Main PWB Assy. (See Fig.15)

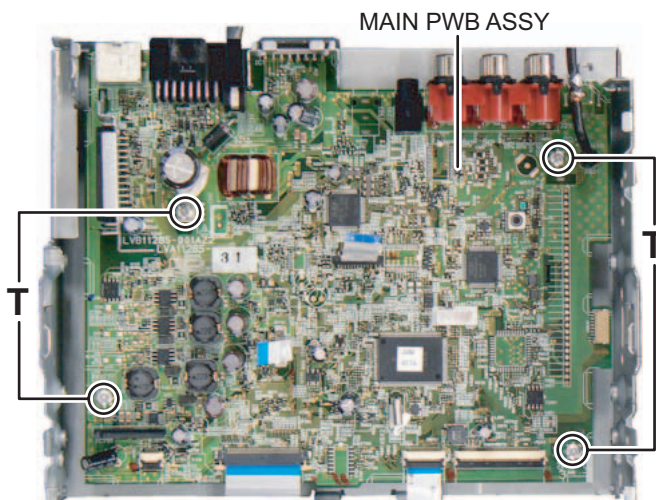


Fig.15

### 3.2 DVD mechanism assembly

#### 3.2.1 Removing the Photo PWB Assy (See Fig.1 to 3)

- (1) Remove the 4 screws **A** attaching the Top chassis Assy. (See Fig.1)

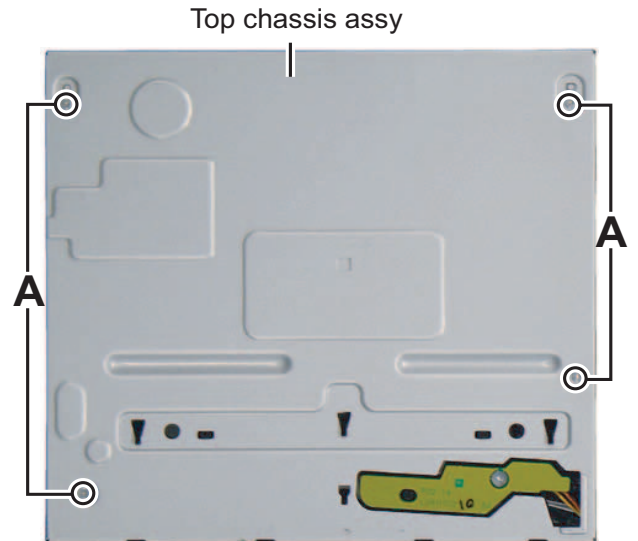


Fig.1

- (2) Remove the wires from the DVD mecha PWB Assy. (See Fig.2)

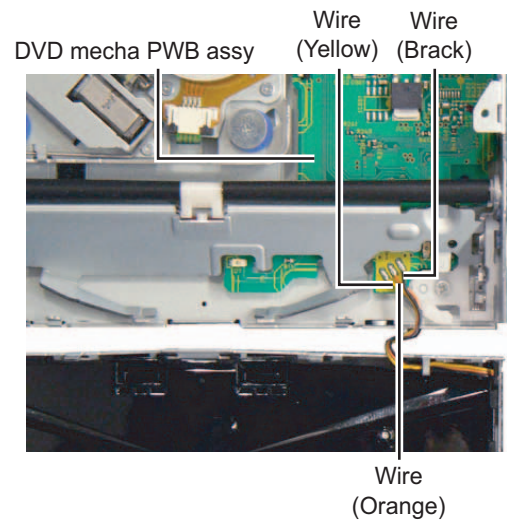


Fig.2

- (3) Remove the 1 screw **B** attaching the Photo PWB Assy. (See Fig.3)



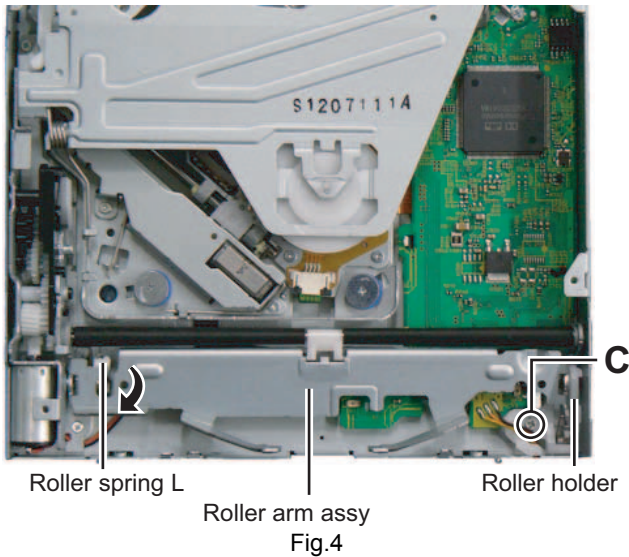
Fig.3

**Note**

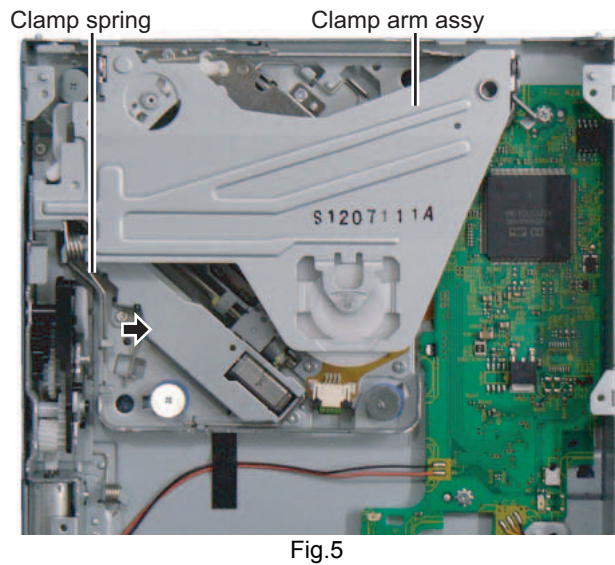
When removing the photo unit, be careful not to touch the photo sensor.

**3.2.2 Removing the Roller arm assy (See Fig4)**

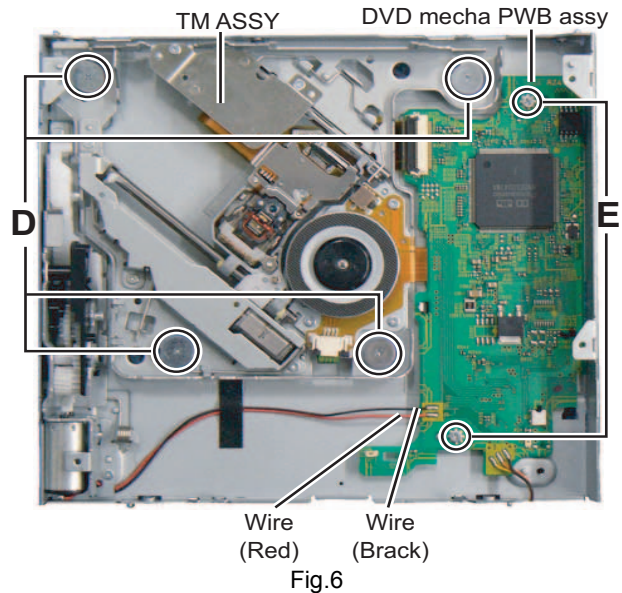
- (1) Remove the Roller spring L in the direction of the arrow.
- (2) Remove the 1 screw C attaching the Roller holder.
- (3) Remove the Roller arm assy.

**3.2.3 Removing the Clamp arm assy (See Fig.5)**

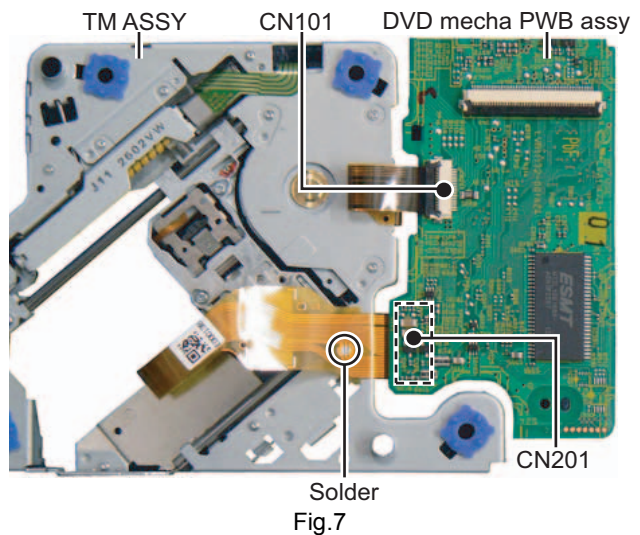
- (1) Remove the Clamp spring in the direction of the arrow.
- (2) Remove the Clamp arm assy.

**3.2.4 Removing the TM assy and DVD mecha PWB assy (See Fig.6,7)**

- (1) Remove the wires from the DVD mecha PWB assy. (See Fig.6)
- (2) Remove the 4 screws D attaching the TM Assy. (See Fig.6)
- (3) Remove the 2 screws E attaching the DVD mecha PWB assy. (See Fig.6)

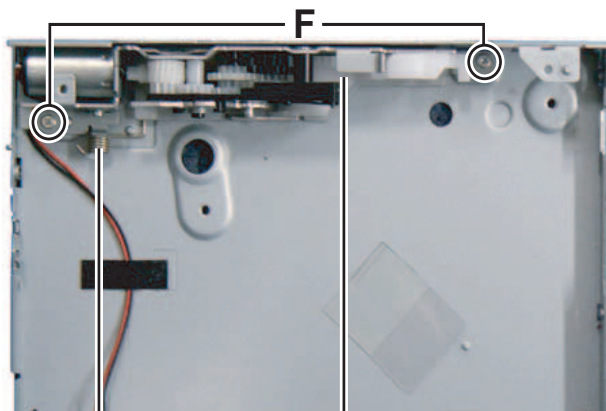


- (4) Solder the short land on the FPC wire. (See Fig.7)
- (5) Disconnect the FPC wire from the connectors CN101 and CN201 (DVD mecha PWB assy). (See Fig.7)



### 3.2.5 Removing the Loading motor (See Fig.8 to 11)

- (1) Remove the 2 screws **F** attaching the Loading motor bracket assy. (See Fig.8)
- (2) Remove the the Roller spring L. (See Fig.8)



Roller spring L      Loading motor bracket assy

Fig.8

- (3) Remove the Slider spring in the direction of the arrow. (See Fig.9)
- (4) Remove the the Slider. (See Fig.9)

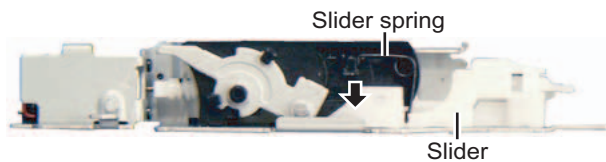


Fig.9

- (5) Remove the 2 screws **G** attaching the Gearbox assy. (See Fig.10)

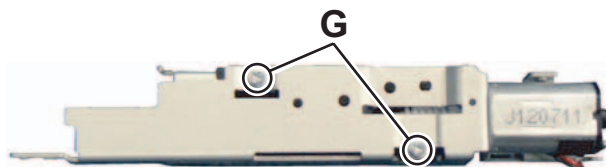


Fig.10

- (6) Remove the 2 screws **H** attaching the Loading motor. (See Fig.11)

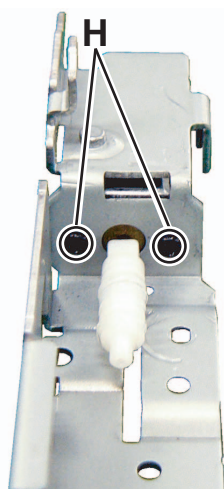


Fig.11



## SECTION 4 ADJUSTMENT

### 4.1 TEST MODE

#### 4.1.1 List of special modes

| Mode name  | Description   | Key used   |
|--|---|--|
| Service mode   | Mode used by engineers or servicing personnel.<br>Note: Confirm that the Bluetooth is not connected.  | TEL/AUD + Upper left → Upper right                                   |
| Production mode                                      | Special operation mode specifically for production lines.   | (EJECT + TEL/AUD) + reset.   |
| SS mode  | Special service mode that is entered from the production mode.  | TEL/AUD + Upper right  |
| OPENING CUSTOMIZE MODE<br>(and) Setting Rewrite mode | Mode used by sales and retail.<br>Overwrites the start-up screen with DISC/USB.<br>Overwrites the initial settings after factory shipment.<br>Example: DEMO=OFF, NAVI=ON, etc.  | (EJECT + AV) + reset   |
| Forcefully cancel<br>Security code                   | Supports the specification for entering code for forcefully canceling security using wireless remote controller when Security code is unknown (Used mainly by service).<br>* Can be input on Security Code input screen.<br>* No time out is specified.   | Wireless remote controller (AUD mode)<br>552222777                   |
| TUNER span switching                                 | Switches TUNER frequency step/span.   | (EJECT + ATT) + reset  |
| Memory clear   | Clears the backup memory and installer memory.  | INITIALIZE inside the Setup menu<br>(INITIALIZE in the service mode) |
| Retailer mode ON                                     | (1) When power ON, always start with DISC source (whether or not there is a DISC in the unit). * In all cases when the power supply is turned ON, including initial power ON, power OFF → ON, ACC OFF → ON, etc, DISC source come up first.<br>(2) EJECT prohibited* Ejected only when [EJECT] key is pressed and held for 10 seconds.<br>(3) Backup memory and installer memory will not function. | (MENU + TEL/AUD) + reset   |
| Retailer mode OFF                                    | Cancels the above special operation.  | MENU + reset   |



#### 4.2.2.1 INITIALIZE ALL

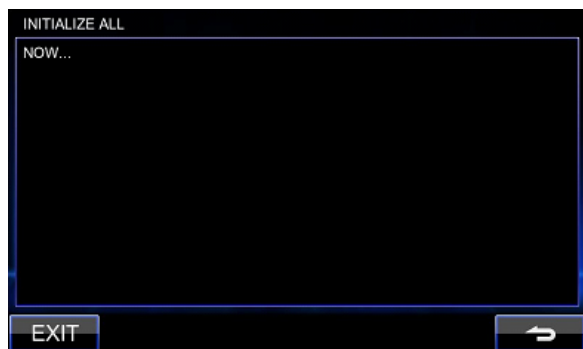
Process (1) to (4) in sequence.

- (1) Initialization of system controller EEPROM  
Backup memory, user profiles 1 to 3  
Tuner Area setting  
Error history
- (2) Initialization of DISC module EEPROM (Initialize to normal)  
Send [Arg0: 9C, Arg1: 06, Arg2: 00] (initialize EEPROM to normal) to DISC module  
Receive [Arg0: AA Arg1: 01] from DISC module  
Receive [Arg0: AA Arg1: 09 Arg2: \*\* Arg3: \*\*] from DISC module
- (3) Initialization of Bluetooth module EEPROM
- (4) Initialization of user-captured wallpaper area  
Clear the APP u-controller F.ROM user-capture area and reset to the initial state (all black).

##### ■Data not cleared■

- Monitor adjustment data (panel FlashROM)
- Touch panel adjustment data / Tuner adjustment data / serial no. (Syscom EEPROM)
- No. of power-on counts (Syscom EEPROM)
- No. of eject counts (DISC mecha EEPROM)

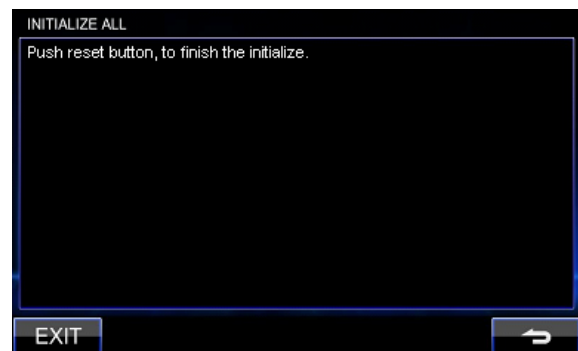
##### <While executing INITIALIZE>



##### <When INITIALIZE completed normally>

Below screen is retained and normal screen is not displayed.

- [BACK] / [EXIT] keys prohibited
- All keys including hard keys and remote controller keys are prohibited.



##### <When INITIALIZE terminated abnormally>

Determine error in each block of SYSTEM/ DISC/ BT.

- In case of Bluetooth, Initialize Error is also considered as abnormal termination

Discontinue process once NG is detected, and display the corresponding error as follows.

**NG SYSTEM:** Clearing of the unit set EEP (APP management and SYS management) terminated abnormally

**NG DISC:** Clearing of DISC module EEPROM terminated abnormally.

**NG BT:** BT module initialization terminated abnormally.

The below screen is retained until the [EXIT] key is pressed.

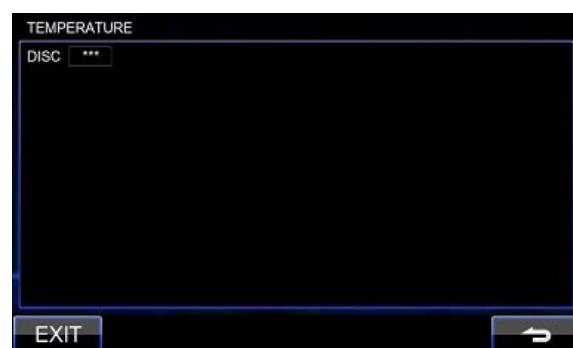
When the [EXIT] key is pressed, normal screen is brought back.



#### 4.2.2.2 TEMPERATURE

Displays DISC module temperature (displays in 3 digits).

Acquires data from the module and updates the display every 30 seconds, as is done in the normal operation mode.



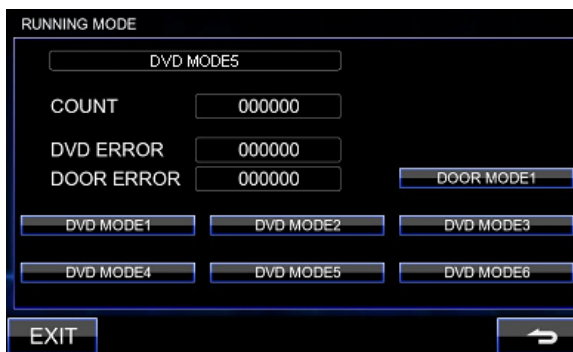
#### 4.2.2.3 RUNNING MODE

**DVD MODE5:** Displays the currently selected mode

**COUNT:** Counter display

**DVD ERROR:** Displays the error code for error in the DISC mecha (display as 000000 when there is no error)

**DOOR ERROR:** Displays the error code for error in the door mecha (display as 000000 when there is no error)



\*Immediately after moving to the RUNNING MODE, hide the display of all the above. Display the above items after an item is selected.

**[BACK] key:** Goes back to the service mode \*Only valid before selecting an item. Not valid after a selection is made.

##### ■Mode Cancel Key■

- DOOR MODE can be canceled using the EJECT hard key.
- DVD MODE can be canceled using the Power Off hard key.

##### (1) DOOR MODE

Execute Door mecha running mode 1.

(Not valid for models without door mecha.)

2th line display: DOOR MODE 1

- 3th line display: Display the number of runs in 6 digits.  
 4th line display: Nil  
 5th line display: Display as "000000" when there is no door mecha error, display the door mecha error code when an error has occurred.
- (2) DVD MODE 1  
 Execute DVD running mode 1  
 (For models with door mecha, OPEN/CLOSE the door in sync with DISC LOAD/EJECT.)  
 2th line display: DVD MODE 1  
 3rd line display: Display Arg 5,6,7 (BCD) of the "Unit request" (running status) received from DISC module in 6 digits.  
 4th line display: Display Arg 2,3,4 (HEX) of the Unit request (running status) received from DISC module in 6 digits.  
 5th line display:  
     **<No door mecha>**  
     Nil  
     **<With door mecha>**  
     Display as "000000" when there is no door mecha error. Display the door mecha error code in the event of an error.
- (3) DVD MODE 2  
 Execute DVD running mode 2  
 (For models with door mecha, OPEN/CLOSE the door in sync with DISC LOAD/EJECT.)  
 2th line display: DVD MODE 2  
 3rd line display: Display Arg 5,6,7 (BCD) of the "Unit request" (running status) received from DISC module in 6 digits.  
 4th line display: Display Arg 2,3,4 (HEX) of the Unit request (running status) received from DISC module in 6 digits.  
 5th line display:  
     **<No door mecha>**  
     Nil  
     **<With door mecha>**  
     Display as "000000" when there is no door mecha error. Display the door mecha error code in the event of an error.
- (4) DVD MODE 3  
 Execute DVD running mode 3  
 (For models with door mecha, OPEN/CLOSE the door in sync with DISC LOAD/EJECT.)  
 2th line display: DVD MODE 3  
 3rd line display: Display Arg 5,6,7 (BCD) of the "Unit request" (running status) received from DISC module in 6 digits.  
 4th line display: Display Arg 2,3,4 (HEX) of the Unit request (running status) received from DISC module in 6 digits.  
 5th line display:  
     **<No door mecha>**  
     Nil  
     **<With door mecha>**  
     Display as "000000" when there is no door mecha error. Display the door mecha error code in the event of an error.
- (5) DVD MODE 4  
 Execute DVD running mode 4  
 (For models with door mecha, OPEN/CLOSE the door in sync with DISC LOAD/EJECT.)  
 2th line display: DVD MODE 4  
 3rd line display: Display Arg 5,6,7 (BCD) of the "Unit request" (running status) received from DISC module in 6 digits.  
 4th line display: Display Arg 2,3,4 (HEX) of the Unit request (running status) received from DISC module in 6 digits.  
 5th line display:  
     **<No door mecha>**  
     Nil  
     **<With door mecha>**  
     Display as "000000" when there is no door mecha error. Display the door mecha error code in the event of an error.
- (6) DVD MODE 5  
 Execute DVD running mode 5  
 (For models with door mecha, OPEN/CLOSE the door in sync with DISC LOAD/EJECT.)  
 2th line display: DVD MODE 5  
 3rd line display: Display Arg 5,6,7 (BCD) of the "Unit request" (running status) received from DISC module in 6 digits.  
 4th line display: Display Arg 2,3,4 (HEX) of the Unit request (running status) received from DISC module in 6 digits.  
 5th line display:  
     **<No door mecha>**  
     Nil  
     **<With door mecha>**  
     Display as "000000" when there is no door mecha error. Display the door mecha error code in the event of an error.
- (7) DVD MODE 6  
 Execute DVD running mode 6  
 (For models with door mecha, OPEN/CLOSE the door in sync with DISC LOAD/EJECT.)  
 2th line display: DVD MODE 6  
 3rd line display: Display Arg 5,6,7 (BCD) of the "Unit request" (running status) received from DISC module in 6 digits.  
 4th line display: Display Arg 2,3,4 (HEX) of the Unit request (running status) received from DISC module in 6 digits.  
 5th line display:  
     **<No door mecha>**  
     Nil  
     **<With door mecha>**  
     Display as "000000" when there is no door mecha error. Display the door mecha error code in the event of an error.

#### 4.2.2.4 DVD CHECK MODE

When this mode is selected, reset DISC module and restart in Check Mode. (Specify "Check Mode On" in the startup mode for 0x94 command.)

After restarting in Check Mode, transit to DVD CHECK MODE screen.

Directly touch the item to select the operation.

**NORMAL PLAY:** Displays the currently selected item

**XXXX XXXX:** Displays the data acquired from the mecha module (4 bytes) as it is.



- Immediately after moving to the DVD CHECK MODE, hide the display of all the above. Display the top 2 lines after an item is selected.
- DVD CHECK MODE is cleared by power OFF (Clear by ACC OFF/ BATTERY OFF/Detach).

##### (1) NORMAL PLAY

Process test item [1] of the check mode specification

2nd line display: NORMAL PLAY

3rd line display: Display Arg 2,3,4,5 (HEX) of the command received from the module, in the following format.

```

X X X X   X X X X
Arg2 Arg3 Arg4 Arg5

```

##### (2) EF OUT-TRACKING OFF

Process test item [2] of the check mode specification

2nd line display: EF OUT-TRACKING OFF

3rd line display: Nil

##### (3) EF IN-TRACKING OFF

Process test item [3] of the check mode specification

2nd line display: EF IN-TRACKING OFF

3rd line display: Nil

##### (4) CD-LASER ON

Process test item [4] of the check mode specification

2nd line display: CD-LASER ON

3rd line display: Display Arg 2,3,4,5 (HEX) of the command received from the module, in the following format.

```

X X X X   X X X X
Arg2 Arg3 Arg4 Arg5

```

##### (5) DVD-LASER ON

Process test item [5] of the check mode specification

2nd line display: DVD-LASER ON

3rd line display: Display Arg 2,3,4,5 (HEX) of the command received from the module, in the following format.

```

X X X X   X X X X
Arg2 Arg3 Arg4 Arg5

```

##### (6) DVDx1 JITTER MODE

Process test item [6] of the check mode specification

2nd line display: DVDx1 JITTER MODE

3rd line display: Display Arg 2,3,4,5 (HEX) of the command received from the module, in the following format.

```

X X X X   X X X X
Arg2 Arg3 Arg4 Arg5

```

##### (7) SEARCH & JITTER

Process test item [10] of the check mode specification

2nd line display: SEARCH & JITTER

3rd line display: Display Arg 2,3,4,5 (HEX) of the command received from the module, in the following format.

```

X X X X   X X X X
Arg2 Arg3 Arg4 Arg5

```

##### (8) MONITOR

Process test item [11] of the check mode specification

2nd line display: MONITOR

3rd line display: Display Arg 2,3,4,5 (HEX) of the command received from the module, in the following format.

```

X X X X   X X X X
Arg2 Arg3 Arg4 Arg5

```

##### (9) DVDx1 PLAY

Process test item [12] of the check mode specification

2nd line display: DVDx1 PLAY

3rd line display: Display Arg 2,3,4,5 (HEX) of the command received from the module, in the following format.

```

X X X X   X X X X
Arg2 Arg3 Arg4 Arg5

```

##### (10) STOP

Process test item [13] of the check mode specification

2nd line display: STOP

3rd line display: Nil

##### (11) EJECT

Process test item [14] of the check mode specification

2nd line display: EJECT

3rd line display: Nil

##### (12) LOAD

Process test item [15] of the check mode specification

2nd line display: LOAD

3rd line display: Nil

##### (13) SLEEP

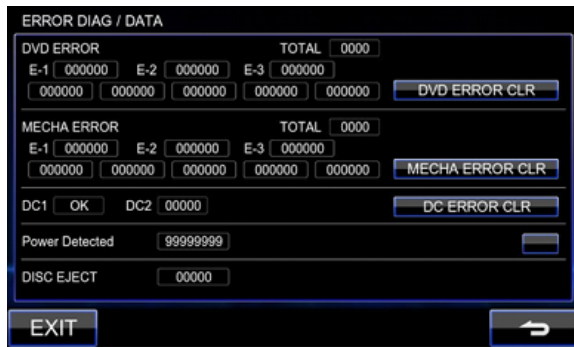
Process test item [16] of the check mode specification

2nd line display: SLEEP

3rd line display: Nil



#### 4.2.2.5 ERROR/DIAG DATA



**[BACK] key:** Goes back to the SERVICE MODE

- (1) DVD ERROR (DISC module error history)  
By DISC module communication, acquire total error count, the most recent 3 errors, initial 5 errors, and display them.
- (2) MECHA ERROR (door mechanism error history)  
Read total error count, the most recent 3 errors, initial 5 errors from EEPROM, and display them.
- (3) DC1 / DC2 (DC offset error history)  
Read whether or not there is a DC1 error, and DC2 error count from EEPROM, and display them.
- (4) Power Detected(\*\*\*\*\*)  
Read the number of times power supply was turned ON from EEPROM, and display the count.  
Display as follows according to the counter value.
  - a) "Power Detected (counter value)" when counter value is 2 or higher
  - b) "No Detection(1)" when counter value is 1
  - c) "Detection Cleared!" when counter value is 0
- (5) DISC EJECT \*\*\*\* times  
By DISC module communication, acquire DISC EJECT count and display it.
- (6) [DVD ERROR/DISC EJECT CLR] key  
Clears the DVD ERROR history and DISC EJECT count. (Sends to DISC module EEPROM initialization command (also initializes error history).)  
→Goes back to the SERVICE MODE
- (7) [MECHA ERROR CLR] key  
Clears the door mechanism error history.  
→Goes back to the SERVICE MODE
- (8) [DC ERROR CLR] key  
Clears the DC1/2 error history.  
→Goes back to the SERVICE MODE
- (9) [Power History CLR] key (Key with no character)  
Clears the number of times power supply was turned ON.  
→Goes back to the SERVICE MODE

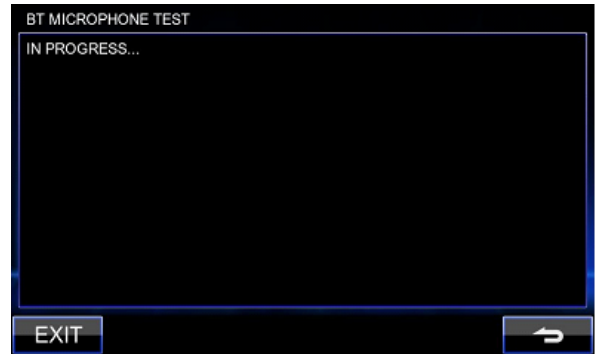
#### 4.2.2.6 BT MICROPHONE TEST

The mode for confirming the normal operation of BT audio circuit by inputting audio from MIC and outputting from the speaker.

- Switch the audio selector to Bluetooth.
- Send Bluetooth Loopback START command to TCC.
- Send to TCC the command for setting Mic Gain, set at Gain 2 (fixed).

##### <While executing MICROPHONE TEST>

Retain the above screen until [EXIT] key or [BACK] key is pressed.

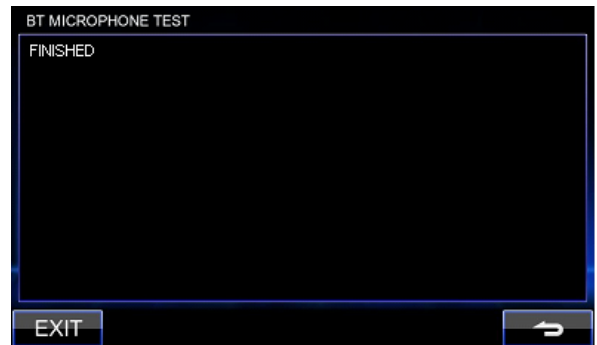


BACK ↓ EXIT

##### <MICROPHONE TEST completed>

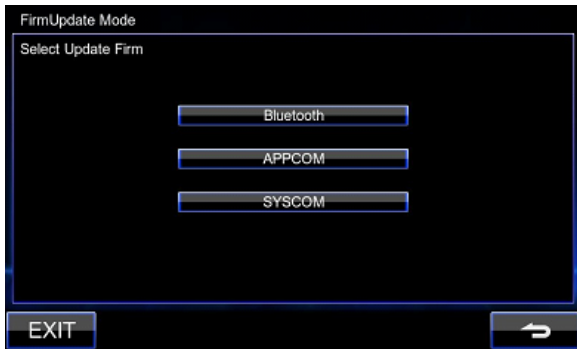
This mode can be cleared only by turning the power OFF.

- [BACK] / [EXIT] keys prohibited



#### 4.2.2.7 FIRM UPDATE MODE

[Except HDR/DAB MODEL]



[DAB MODEL]



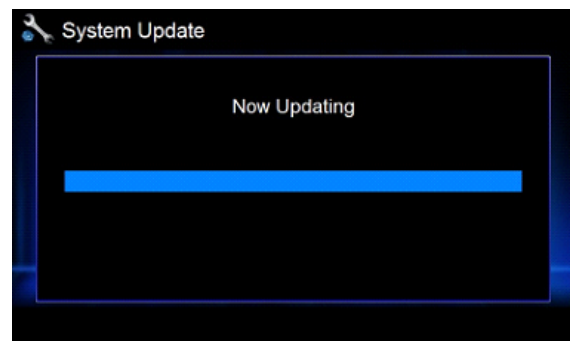
[HDR MODEL]



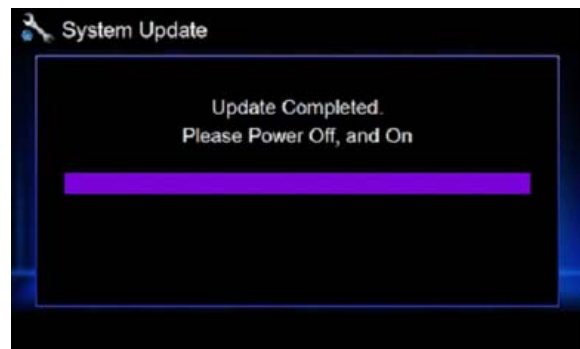
**[BACK] key:** Goes back to the SERVICE MODE

- (1) [SYSCOM]/[APPCOM]/[Bluetooth]/[DAB]/[HDR] key  
Perform Update when a USB device containing the Update data is inserted.

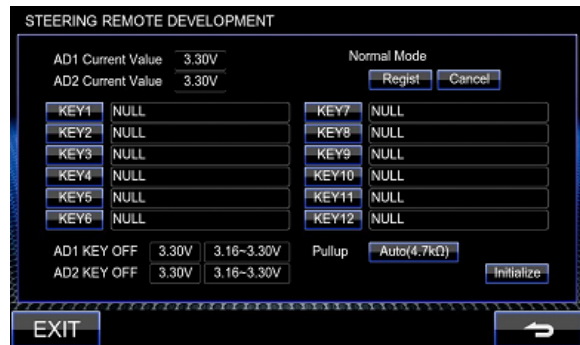
**<Display during Update (Image)>**



**<Update Complete Display (Image)>**



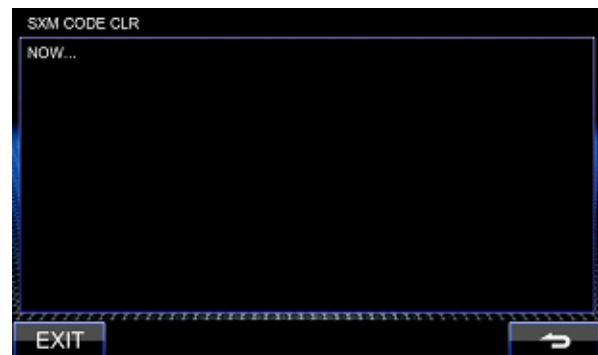
#### 4.2.2.8 STEERING REMOTE DEVELOPMENT



**[BACK] key:** Goes back to the SERVICE MODE

#### 4.2.2.9 SXM CODE CLR

Mode for clearing the Sirius XM parental code  
Press the KEY to start the clearing process. The screen switches to the following view.



After the clearing process is complete, switch to the following screen.

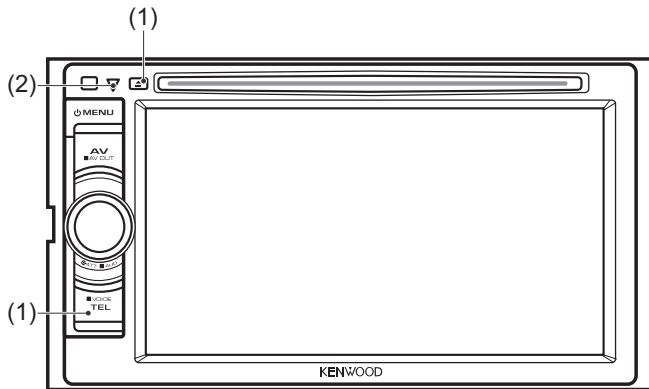


**[BACK] key:** Returns to the SS mode or service mode screen  
**[EXIT] key:** Exits the SS mode or service mode

### 4.3 Production mode

#### 4.3.1 Key operation when going into production mode

Press and hold the [EJECT] key and [TEL/AUD] key (1) and press the [RESET] key (2).



#### 4.3.2 Display, operation setting, and special key operation in production mode

##### 4.3.2.1 Display in production mode

In order to allow the operator acknowledge that they are in the production mode, "Production Mode" POPUP is constantly displayed.

##### ◆Display/Hide Conditions◆

**Display:** GUI control screen, video screen (including Control, Menu Control)

**Hide:** Setup screen, MODE screen, Test Mode screen (SS, Service)



#### 4.3.2.2 Initial setting in production mode

\* The following settings are initial values, and allow changes to be made in the production mode, as with the normal mode.

| Item   | Production mode | Normal mode                                  |
|--|-----------------|--|
| Initial volume value                           | 33(-10dB)       | 15(-34dB)                                    |
| Maximum volume value                           | 33(-10dB)       | 35(0dB)                                      |
| FAN control                                    | →               | always ON                                    |
| DISC module video output                       | NTSC            | NTSC/PAL                                     |
| SETUP > BEEP                                   | OFF *3          | ON *2  |
| SETUP > CAMERA INPUT                           | ON *3           | ON *2  |
| SETUP > Audio > Fad/Bal                        | →               | CENTER                                       |
| SETUP > Audio > Vol Adjust                     | →               | 0 (All Sources)                              |
| SETUP > Audio > HPF Front                      | →               | Through                                      |
| SETUP > Audio > HPF Rear                       | →               | Through                                      |
| SETUP > Audio > LPF                            | →               | Through                                      |
| SETUP > Audio > SW Level                       | →               | 0  |
| SETUP > Audio > SW Phase                       | →               | Normal                                       |
| SETUP > Audio > Loudness                       | OFF             | ON   |
| SETUP > Audio > Equalizer                      | →               | Natural                                      |
| SETUP > Audio > Speaker Select                 | →               | Standard                                     |
| SETUP > Audio > Subwoofer                      | →               | ON   |
| SETUP > INPUT > AV-INPUT                       | AV-IN           | AV-IN/iPod<br>(Depending on the destination) |
| SETUP > Display > User Customize > Panel Color | USER (WHITE) *3 | Scan   |
| SETUP > System > DAB Setup > L-Band Tuning *1  | ON              | OFF  |
| AV-OUT   | DVD             | OFF  |

\*1: Only for DAB model.

\*2: Depends on the Back UP memory.

\*3: Discards the Back UP memory and performs setting forcibly.

#### 4.3.2.3 Special key operation in production mode only (invalid in normal mode)

[TEL/AUD] key + [Touch panel upper right corner] (Press twice)  
Transit to SS mode.

#### 4.3.2.4 Protection when production mode is continued

If the production mode continues for 30 minutes, the unit turns its power OFF, and power ON is disabled until reset.

#### 4.3.3 Clearing the production mode

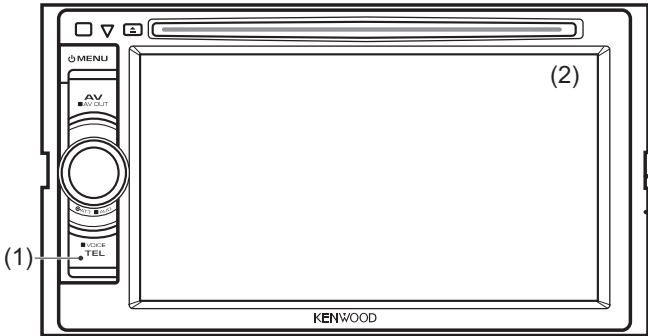
Performing one of the following operations cancels the production mode and restores the normal mode.

- Power off by battery (backup) OFF
- Reset

4.4 SS mode

4.4.1 Switching to SS mode

Press and hold the [TEL/AUD] key (1) and, within 0.5 sec., touch the upper right corner (2) of the touch panel.



4.4.2 Display specifications



[Except HDR/DAB MODEL]



[DAB MODEL]



[HDR MODEL]



When any of the above SS mode screens is displayed (Page 1/ 3, 2/3, 3/3), set the audio selector to MUTE (equivalent to Stand-by source).

Upon exiting the SS mode to return to the normal mode, restore the audio selector to the original source.

| Text                     | Description   |
|--------------------------|---|
| SYS x**.**. **           | Displays the system controller version.<br>x:0(1S), 1(2S), 2(PP), 3(MP)   |
| APP x.y.zzz              | Displays the system controller + design data version<br>x:0 (release not been approved), 1 (release approved), y: rounded up by the official re-<br>lease, zzz: revision number managed by the SVN ("10" won't be expressed as "010")<br>* The version system of DDX and that of KW-<br>V are common. |
| DATA ****                | Displays the font data version.   |
| DISC ****                | Displays the DISC mecha module version.   |
| DivX ****                | Displays the DivX version.  |
| BT ****                  | Displays the BT module firmware version.  |
| Span *                   | Displays the Tuner's span selection status (K<br>or M).<br>*Display as "-" for destinations that do not<br>support Span switching.  |
| Type                     | Displays the destination information.   |
| Model                    | Displays the model information.   |
| DISC-AREA                | Displays the area information of the DISC<br>mecha module.  |
| reg.                     | Displays the region code.   |
| DAB ****/*****/<br>***** | Display of DAB module version   |
| HDR *****                | Display of HD-Radio module version  |

| Text                           | Description  |
|--------------------------------|--|
| OK Display for All Items Above | When APP & DATA CHKSUM is executed, check against data in USB, and display OK or NG.<br>*Not displayed if it is not executed.<br>*Display NG in red.   |
| MON: Y or N                    | Displays the status of monitor adjustment by production line.<br>Y: adjustment complete<br>N: not adjusted.<br>*Display NG in red.   |
| TOU: Y or N                    | Displays the status of touch panel adjustment by production line.<br>Y: adjustment complete<br>N: not adjusted.<br>*Display NG in red.   |
| SUM *****                      | Displays the APP micro-controller program area's sum and check sum results. Check sum OK or NG.<br>*Display NG in red.   |
| SUM *****                      | Displays the APP micro-controller design data area's sum and check sum results. Check sum OK or NG.<br>*Display NG in red.   |
| S.NO                           | Displays the serial number.<br>No entry: - - - - -<br>Model without serial no.: None<br>Indicate "- - - - -" in red.<br>Models without serial no. are as follows.<br>Destinations: J , JW , E, EE, A   |
| TUN: Y or N                    | Displays the SmeterLevelOffset adjustment status of Tuner.<br>Y: adjustment complete<br>N: not adjusted.<br>*Display NG in red.  |
| DATA1 ****                     | Displays the opening data version.   |
| DATA2 ****                     | Displays the wallpaper data version.   |
| DATA3 ****                     | Displays the steering remote control threshold version. Displays the version number when threshold data is written using USB.<br>For DOP models, display as follows as the value is fixed from the beginning.<br>HONDA: KC<br>MAZDA: KF<br>MITSUBISHI: KG<br>ISUZU: KJ<br>NISSAN1: KS1<br>NISSAN2: KS2<br>TOYOTA: KL |

| Key  | Action   |
|------|--|
| NEXT | Switch from Page 1 → Page 2 or Page 2 → Page 3   |
| PREV | Switch from Page 2 → Page 1 or Page 3 → Page 2   |
| EXIT | Exit the SS mode and return to the normal screen |

#### 4.4.2.1 INITIALIZE ALL

Same as service mode.

#### 4.4.2.2 MONITOR ADJUSTMENT MODE

Mode for adjusting the image quality on the production line.

Display the following.

In this case, regardless of the current source, set Video selector to AV-IN (external input), and display the external input video in the background.

(This is for adjustment by inputting composite signal in a white image from an external pattern generator.)

Restore the Video selector to the original state when exiting this adjustment mode.

- As adjustment is performed while pressing the sensor of the measuring instrument against the center of the monitor, display the adjustment button and STORE button on the Aright side of the screen.



Adjustment items are only 3 items, Drive R/G/B only, and pressing the STORE button writes the adjustment value into F. ROM.

#### 4.4.2.3 BT MICROPHONE TEST

Same as service mode.



#### 4.4.2.4 REGION CHANGE

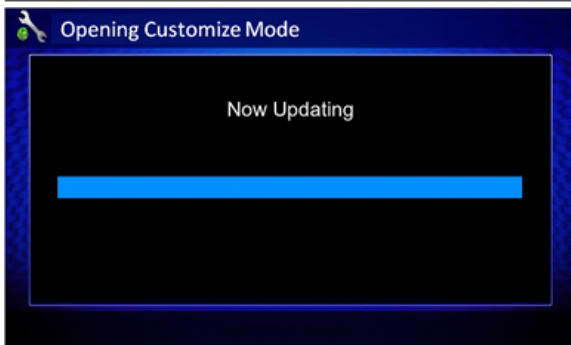
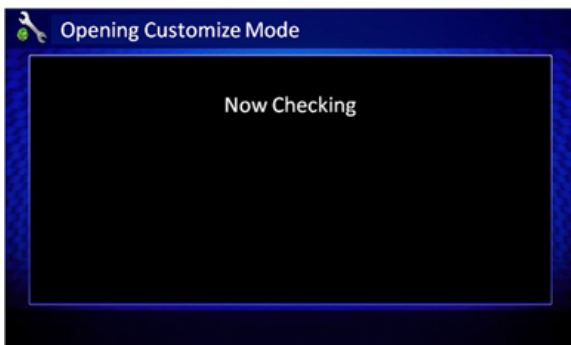
The mode for rewriting a Region Code.  
Download the rewriting data from CUSiS.

- Extracts zip file.
- Find Vup\_info.cds and ZZZ files.
- Write the 2 files to root of USB MEMORY.

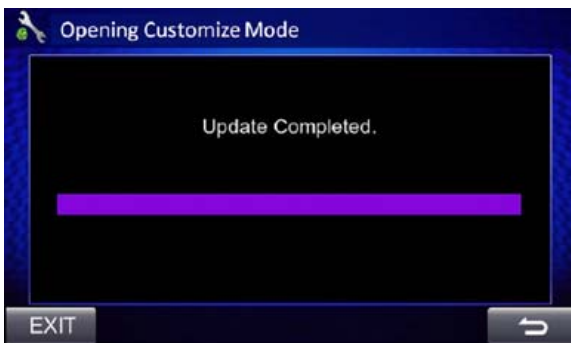
(1) Display the following if the USB device is inserted when this mode is selected.



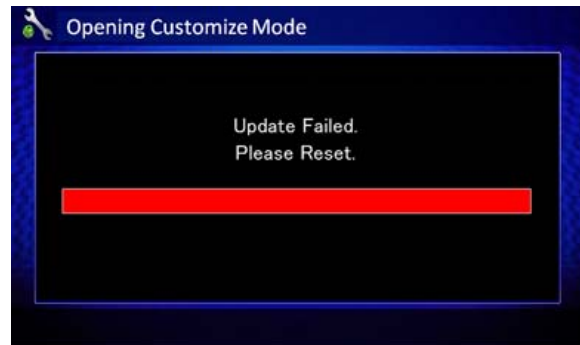
(2) Start the update process after the insertion of the USB device is detected, and display the following.



(3) Display the following when the update is completed.



(4) Display the following when the update is failed.

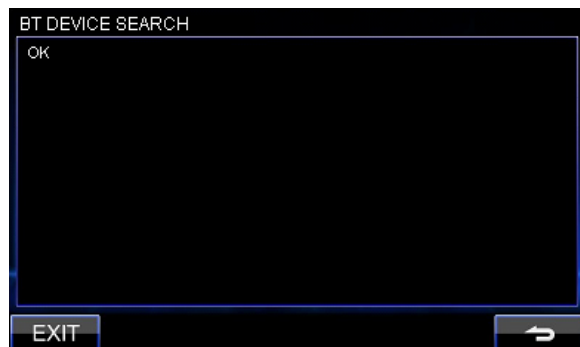


#### 4.4.2.5 BT DEVICE SEARCH MODE

The mode to confirm if the Telechips module performs normal operations electronically.

Display the following if a communication of the BT module is performed normally when entering

<OK display>

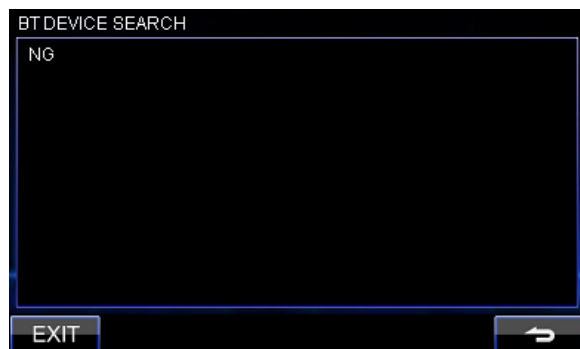


[BACK] key: Returns to the SS mode or service mode screen

[EXIT] key: Return to normal screen

Display the following if the BT dongle cannot be correctly detected.

<NG display>



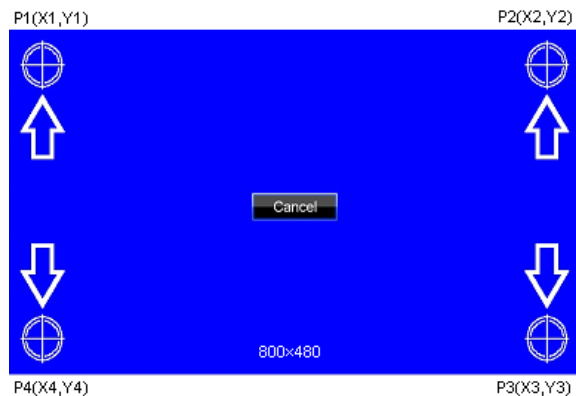
[BACK] key: Returns to the SS mode or service mode screen

[EXIT] key: Return to normal screen

Switch to the OK display if a communication to the BT module is performed normally while the above ERROR screens are displayed.

#### 4.4.2.6 TOUCH PANEL CALIBRATION

Define the coordinates used in this sheet.



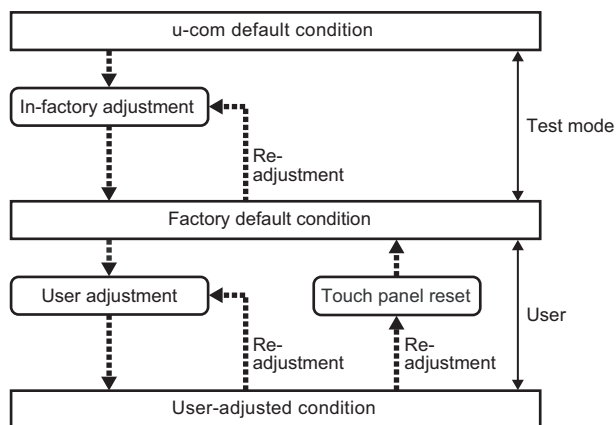
##### 4.4.2.6.1 Touch adjustment (TOUCH ADJUST)

The 4 points on the screen, P1 (X1,Y1), P2 (X2,Y2), P3 (X3,Y3), P4 (X4,Y4) are the coordinate values (voltage values) actually read by touch adjustment.

The points shown on the adjustment screen have 2 dots, one for X and one for Y coordinate.

In normal mode touch adjustment, P2 and P4 coordinates are acquired. In test mode touch adjustment, coordinates of P1 to P4 are acquired (The reference point is lower left, whose coordinate value shall be (1,1).

##### 4.4.2.6.2 Touch panel ADJUST specifications



**Note 1:** In normal mode touch adjustment, “RESET” on the touch adjustment screen resumes the data touchadjusted in the test mode.

**Note2:** Factory default adjustment should be cleared, and re-adjustment is enabled.

**Note3:** Users cannot RESET the factory default condition.

#### 4.4.2.7 VER/CHECK SUM

Performs check on the version number of each micro-controller/ data and the SUM value of the APP program area/DATA area. Select this item after inserting a USB device containing the check data for all of the above.

For details on the data format for checking, refer to "About Data for VER/CHECK SUM Checking".

##### (1) Version Number Check

Determines whether the version number retained within the set is consistent with that read from the USB device.

If the version number is consistent, display "OK" to the left of the version display. If it is not consistent, display "NG". Perform version check on all items on SS Mode Page2/3 marked with "OK".

**OK:** G1.00.00 Consistent

**NG:** G1.00.00 Not consistent

G1.00.00 Not checked

##### (2) SUM Value Check

Calculate the SUM value for each of the APP program area and DATA area, and determine whether they are consistent with the SUM value read from the USB device.

If the value is consistent, display OK + SUM value. If it is not consistent, display NG + SUM value.

\*Exclude DATA area for DOP (DATA1, DATA2, DATA3) from SUM calculation.

##### <CHKSUM OK>

ASUM OK \*\*\*\*\* (SUM value 4 bytes) ← Upper line shows CHKSUM result of program area

DSUM OK \*\*\*\*\* (SUM value 4 bytes) ← Lower line shows CHKSUM result of DATA area

##### <CHKSUM NG (NG only for Data Area)>

ASUM OK \*\*\*\*\* (SUM value 4 bytes) ← Upper line shows CHKSUM result of program area

DSUM NG \*\*\*\*\* (SUM value 4 bytes) ← Lower line shows CHKSUM result of DATA area

##### <Not Calculated>

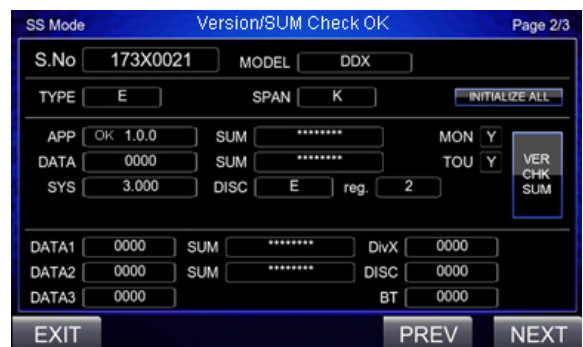
ASUM

DSUM

##### (3) TOTAL Assessment

Display TOTAL as OK only if all version checks and SUM values are OK, and all monitor adjustment, touch panel adjustment, and S meter adjustment are complete.

Display as NG if any one of these is NG.



SS Mode Version Check NO Page 2/3

S.No 173X0021 MODEL DDX

TYPE E SPAN K INITIALIZE ALL

APP No 1.0.8 SUM \*\*\*\*\* MON Y

DATA 0000 SUM \*\*\*\*\* TOU Y

SYS 3.000 DISC E reg. 2

DATA1 0000 SUM \*\*\*\*\* DivX 0000

DATA2 0000 SUM \*\*\*\*\* DISC 0000

DATA3 0000 SUM \*\*\*\*\* BT 0000

VER CHK SUM

EXIT PREV NEXT

- (4) When USB device is not inserted  
Display the following if a USB device is not detected when this item is selected.

SS Mode Please Insert Version Check USB Device Page 2/3

S.No 173X0021 MODEL DDX

TYPE E SPAN K INITIALIZE ALL

APP 1.0.8 SUM \*\*\*\*\* MON Y

DATA 0000 SUM \*\*\*\*\* TOU Y

SYS 3.000 DISC E reg. 2

DATA1 0000 SUM \*\*\*\*\* DivX 0000

DATA2 0000 SUM \*\*\*\*\* DISC 0000

DATA3 0000 SUM \*\*\*\*\* BT 0000

VER CHK SUM

EXIT PREV NEXT

#### 4.4.2.7.1 About Data for VER/CHECK SUM Checking

VER/CHECK SUM is performed by reading out the checking data from the USB via the DISC mecha.

Data transfer from the DISC mecha employs the same mechanism as APP/SYS Firm UP, i.e., system controller UPGRADE operation.

Therefore, the two files below are stored in the USB memory.

- ver\_check.txt ← Data for checking
- VUP\_info.cds ← Information data for system controller UPGRADE

(1) Data Format for Checking

\* Formed from the 20 lines of text data below.

| Line No | Data Content   | Description  |
|---------|----------------|--|
| 1       | Version Check  | Header   |
| 2       | [MODEL]AVX     | Model name. Rewritten according to the model. DDX or AVX.                |
| 3       | [TYPE]J        | Destination code. Rewritten according to the shipment destination.       |
| 4       | [SPAN]K        | SPAN information. Rewritten according to the initial span setting value. |
| 5       | [APP]G20.00.00 | APP micro-controller version no. (program + design)                      |
| 6       | [DATA]0001     | Data version no. (font data)   |
| 7       | [DATA1]V0001   | DATA1 version no. (opening data)   |
| 8       | [DATA2]V0001   | DATA2 version no. (wallpaper data)                                       |

| Line No | Data Content        | Description   |
|---------|---------------------|---|
| 9       | [DATA3]0001         | DATA3 version no. (ST.Remo threshold data)                                    |
| 10      | [SYS]S00.00.00      | SYSCOM version no.  |
| 11      | [DISC_A]JC          | DISC mecha destination code. Rewritten according to the shipment destination. |
| 12      | [DISC_R]1           | DISC mecha region no. Rewritten according to the shipment destination.        |
| 13      | [DISC_V]0010        | DISC mecha version no. (program)  |
| 14      | [DIVX]0009          | DISC mecha DivX version   |
| 15      | [BT]102             | BT module version no.   |
| 16      | [SUM_APP]316e6c88   | SUM value for APP+design data   |
| 17      | [SUM_DATA]0d871d52  | SUM value for data area   |
| 18      | [SUM_DATA1]070a951f | SUM value for DATA1 area  |
| 19      | [SUM_DATA2]02e60645 | SUM value for DATA2 area  |
| 20      | ~END                | Terminal marker   |

(2) Information Data Format for System Controller UPGRADE

\* Formed from the 6 lines of text data below.

| Line No | Data Content       | Description  |
|---------|--------------------|--|
| 1       | 1                  | Arbitrary (Version of data for checking)   |
| 2       | 3                  | Fixed at 3 (UPGRADE mode specification. 3 = system controller UPGRADE)                       |
| 3       | 1                  | Fixed at 1 (Sub-mode specification. 1 = normal; 2 = Forced overwrite)                        |
| 4       | 0                  | Fixed at 0 (Destination information. Specify as 0 other than DISC for changing destination.) |
| 5       | JVC_DV5/FMU-XM2-11 | Arbitrary (File ID of data for checking)   |
| 6       | ver_check.txt      | File name of data for checking (including extension)   |

#### 4.4.2.8 STEERING REMOTE CHK MODE

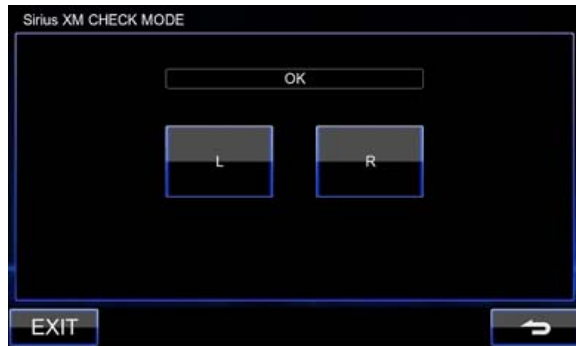
Mode for voltage check of Steering Remote terminal.



#### 4.4.2.9 Sirius XM CHECK MODE

Mode for check of Sirius XMterminals.

By using the audio output from the internal oscillator of SXV100, it is possible to check all of the power lines / communication lines / audio line.



#### KEY

|   |   |
|---|---|
| L | Output to the L Channel voice of the internal oscillator. Each time the key is pressed, the audio ON → OFF is switched. |
| R | Output to the R Channel voice of the internal oscillator. Each time the key is pressed, the audio ON → OFF is switched. |

#### Display

|       |  |
|-------|--|
| OK/NG | OK display when the audio output has successful.<br>NG display when the audio output has failed. |
|-------|--|

#### 4.4.2.10 OPENING CUSTOMIZE

Mode for customizing for DOP at the production line.

#### 4.4.2.11 CHANGE INITIAL PARAMETER

Mode for customizing for DOP at the production line.

#### 4.4.2.12 STEERING REMOTE CUSTOMIZE MODE

Mode for customizing for DOP at the production line.

### 4.5 DC Offset error description

#### 4.5.1 DC Offset detection circuit design

##### • Purpose:

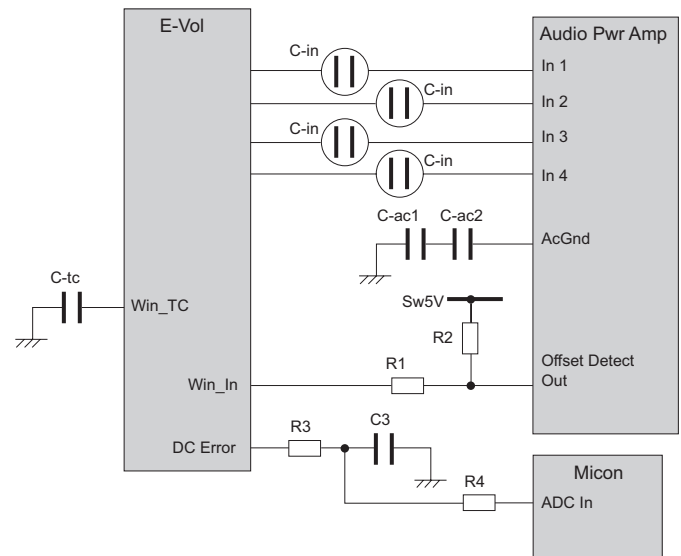
To prevent breakdown, burning and emitting smoke from customer's car speaker when occur DC offset between speaker output "+" and "-".

##### • Target:

Detect DC offset, then stop the Power Amp operation and shift to specified condition.

#### 4.5.2 Possible causes of DC offset at speaker output lines

- (1) Mis-connection for Speaker output for example touch to car body or battery line.
- (2) Current leak of coupling capacitor for Power IC input.
- (3) Current leak of Ac-GND capacitor for Power IC Ac-GND.
- (4) Capacitor shorted of above parts due to foreign object.

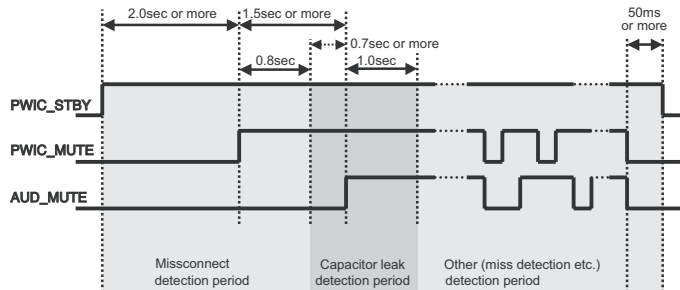


### 4.5.3 Type of checking

#### 4.5.3.1 To detect DC Offset Error

- Mis-connection
  - Short any one speaker out line to GND or Vcc
- Capacitor leak
  - Parallel 330kΩ to either any one of coupling cap or Ac-GND cap (to simulate current leakage of capacitor)
  - Shorted either any one of coupling cap or Ac-GND cap.

#### 4.5.4 Detection Timing chart



### 4.5.5 Manipulate after detect DC Offset

- If detected error 10 consecutive times, and 10th error occurred in "Mis-connect detection period", judge as "Mis-connect".
- If detected error 10 consecutive times, and 10th error occurred in "Capacitor leak detection period", judge as "Capacitor leak".
- If detected error 10 consecutive times, and 10th error occurred in "Other detection period" and detected another 10 errors consecutively, then judge as "Other".
- If judge as "Mis-connect".
  - turn off speaker output.
  - display "MISWIRING Check wiring connection then reset unit."
  - key access disable except button of Eject, Reset and service mode
  - record error in EEPROM "DC1 ERR"
  - Set is able to be recovered by Reset button.
- If judge as "Capacitor leak".
  - turn off speaker output.
  - display "WARNING Check wiring connection then reset unit."
  - key access disable except button of Eject, Reset and service mode
  - record error in EEPROM "DC2 #" (# means counter number)
  - Set can be recovered by pressing the Reset button before the capacitor leak error counter reach "DC2 4".  
After that, only clear the counter back to "0" can recover the set.
- If judge as "Other" (manipulation same as mis-connect)

## SECTION 5 TROUBLESHOOTING

### 5.1 How to cancel DC offset error

Check to be sure the terminals of the speaker leads are covered with insulating tape properly, then reset the unit.  
If an error message does not disappear even after a reset, there is a need for internal repair.

### 5.2 How to clear DC offset error recorded in EEPROM

- Production mode is started.  
Press and hold the [TEL/AUD] key and [EJECT] key and press the [RESET] key.
- SS mode is started.  
Press and hold the [TEL/AUD] key and, within 0.5 sec., touch the upper right corner of the touch panel.
- SS mode Menu  
[INITIALIZE ALL] → Clear DC Error → press the [RESET] key.



# KENWOOD

**JVC KENWOOD Corporation**  
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(No.WA086<Rev.002>)

Printed in Japan  
VSE

# KENWOOD

## SCHEMATIC DIAGRAMS

### MONITOR WITH DVD RECEIVER

DDX2071  
DDX3055  
DDX371  
DDX4055BT

DDX271  
DDX3071BT  
DDX4025BT  
DDX471HD

DDX3025  
DDX310BT  
DDX4025DAB  
DDX491HD

## ■ PRECAUTIONS ON SCHEMATIC DIAGRAMS

- Due to the improvement in performance, some part numbers shown in the circuit diagrams may not agree with those indicated in the Parts List.
- The parts numbers, values and rated voltage etc. in the Schematic Diagrams are for reference only.
- Since the circuit diagrams are standard ones, the circuits and circuit constants may be subject to change for improvement without any notice.

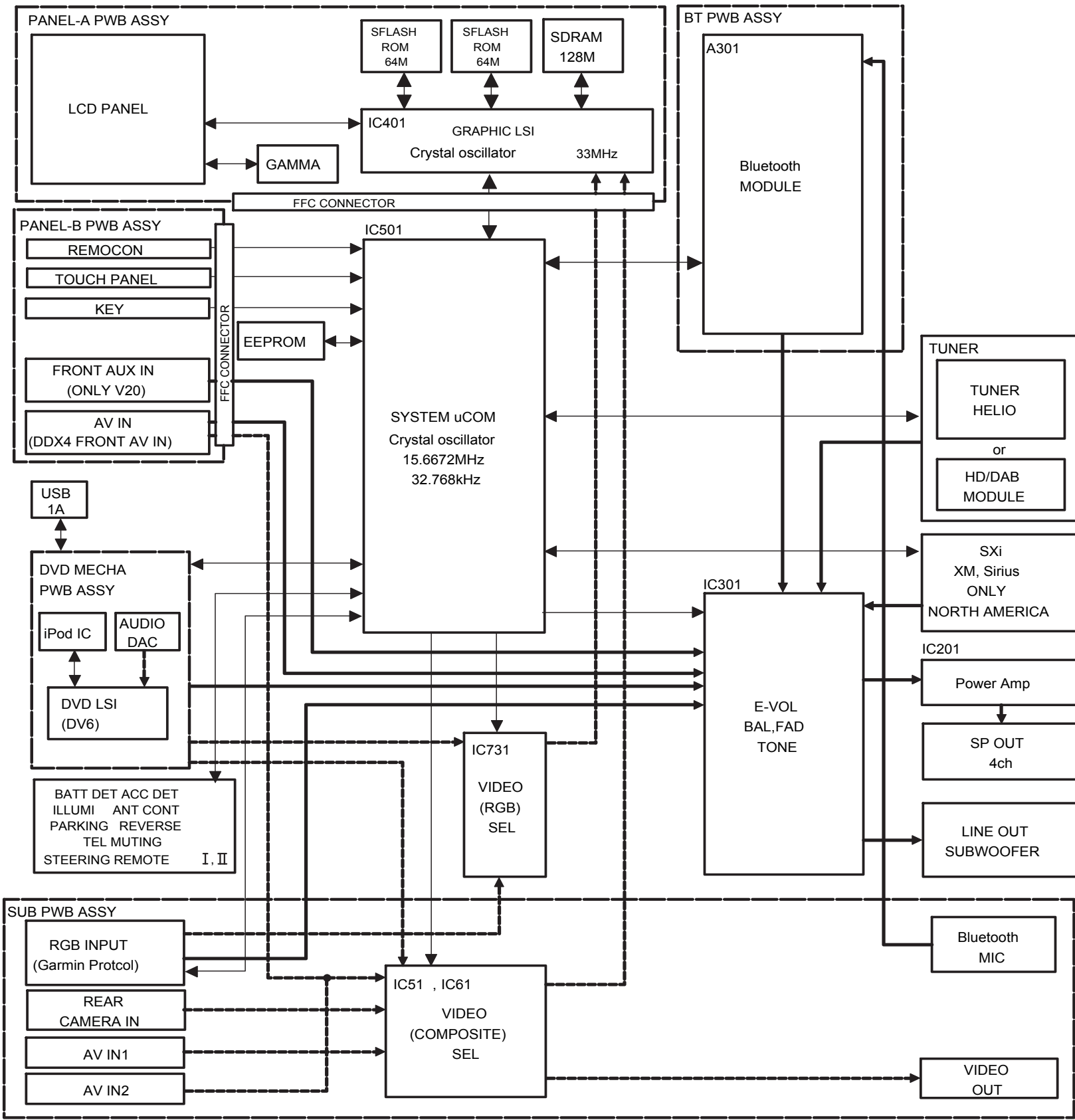
## ■ PRECAUTIONS ON PARTS LIST

- The parts identified by the  $\triangle$  symbol are critical for safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.
- There are cases where the actual implemented parts in the sets and the service parts are different. When ordering parts, make sure to refer to the Parts List.

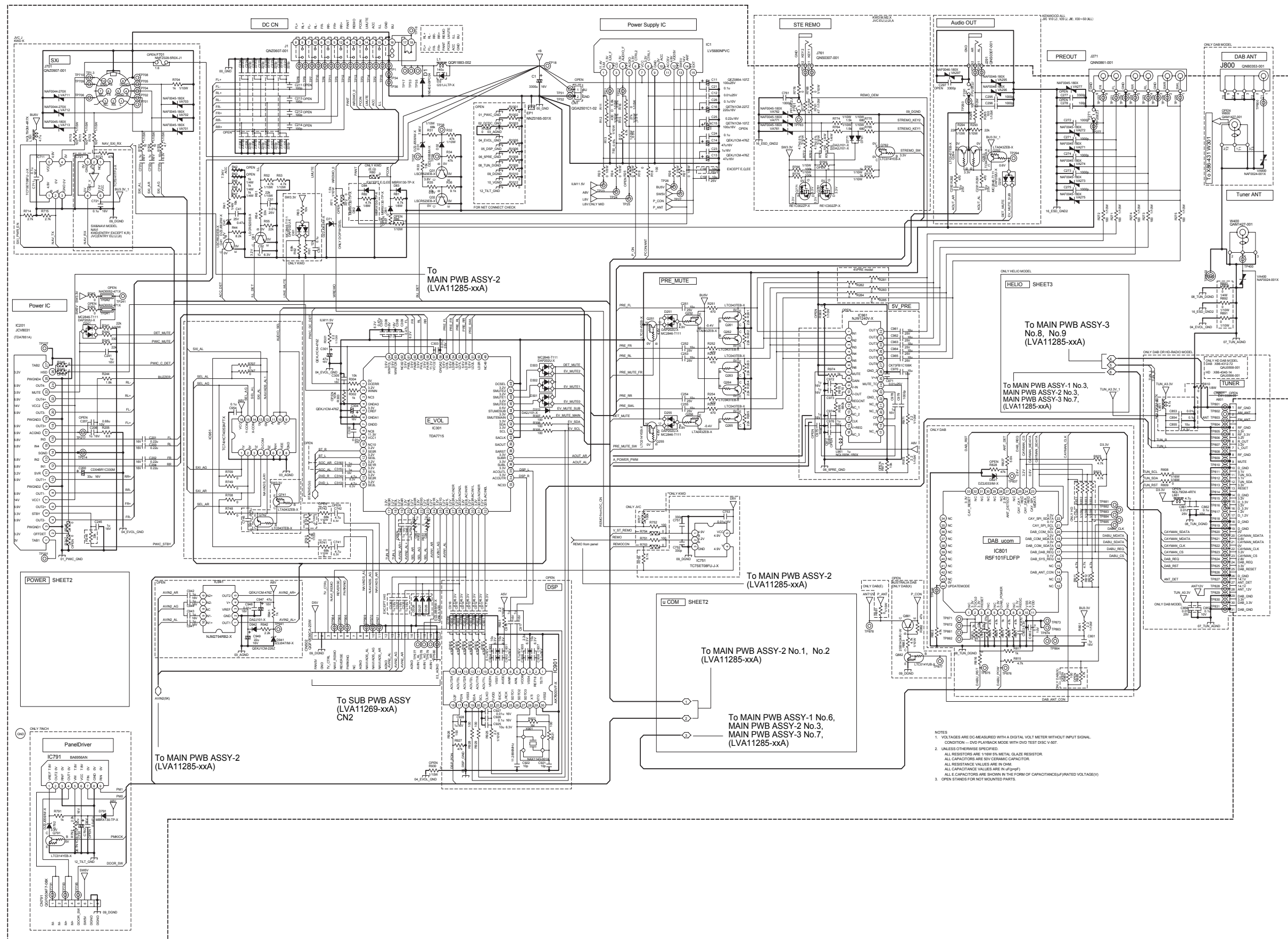
## ■ DEVIATION TOLERANCE RANGE

| DEVIATION TOLERANCE RANGE |      |      |      |      |      |              |              |              |              |
|---------------------------|------|------|------|------|------|--------------|--------------|--------------|--------------|
| F                         | G    | J    | K    | M    | N    | R            | H            | Z            | P            |
| ± 1%                      | ± 2% | ± 5% | ±10% | ±20% | ±30% | +30%<br>-10% | +50%<br>-10% | +80%<br>-20% | +100%<br>-0% |

BLOCK DIAGRAM

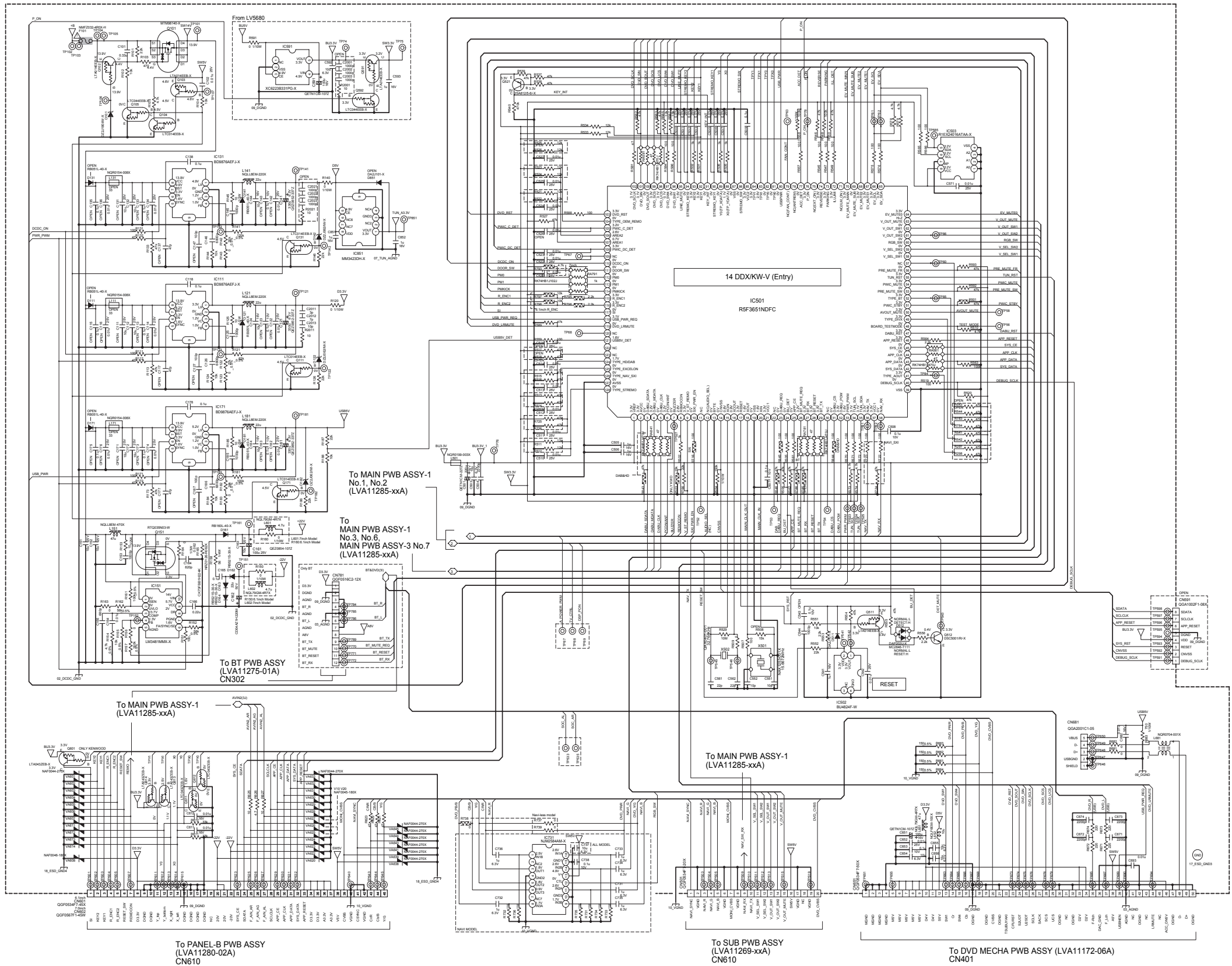


# MAIN PWB ASSY-1 (LVA11285-xxA)





MAIN PWB ASSY-2 (LVA11285-xxA)

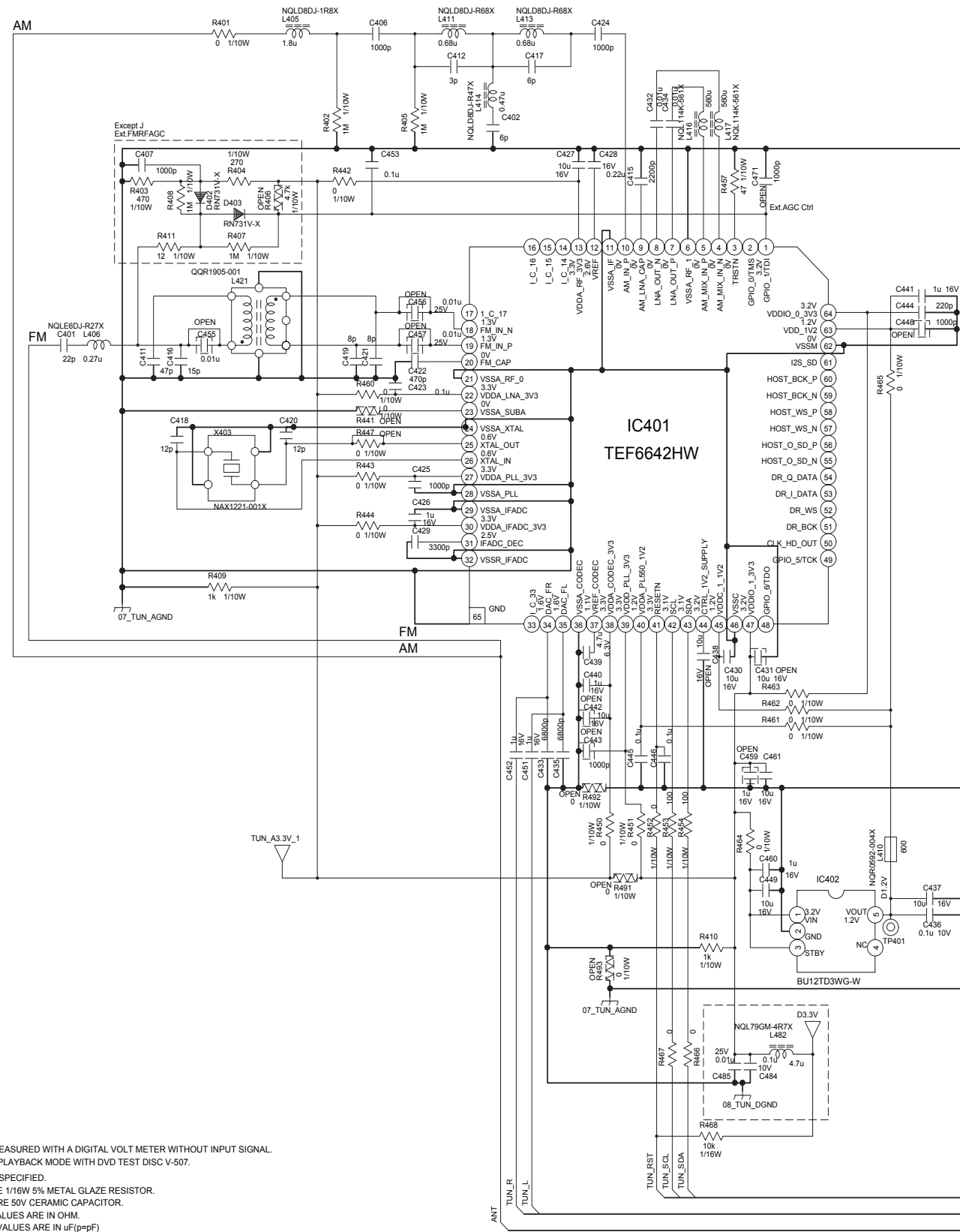


NOTES  
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.  
CONDITION - DVD PLAYBACK MODE WITH DVD TEST V507.  
2. UNLESS OTHERWISE SPECIFIED:  
ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR.  
ALL CAPACITORS ARE 60V CERAMIC CAPACITOR.  
ALL RESISTANCE VALUES ARE IN OHM.  
ALL CAPACITANCE VALUES ARE IN P(F) (P).  
ALL CAPACITANCE VALUES ARE SHOWN IN THE FORM OF CAPACITANCE (μF) (RATED VOLTAGE(V)).  
3. OPEN STANDS FOR NOT MOUNTED PARTS.

Parts are safety assurance parts.  
When replacing those parts make  
sure to use the specified one.



# MAIN PWB ASSY-3 (LVA11285-xxA)



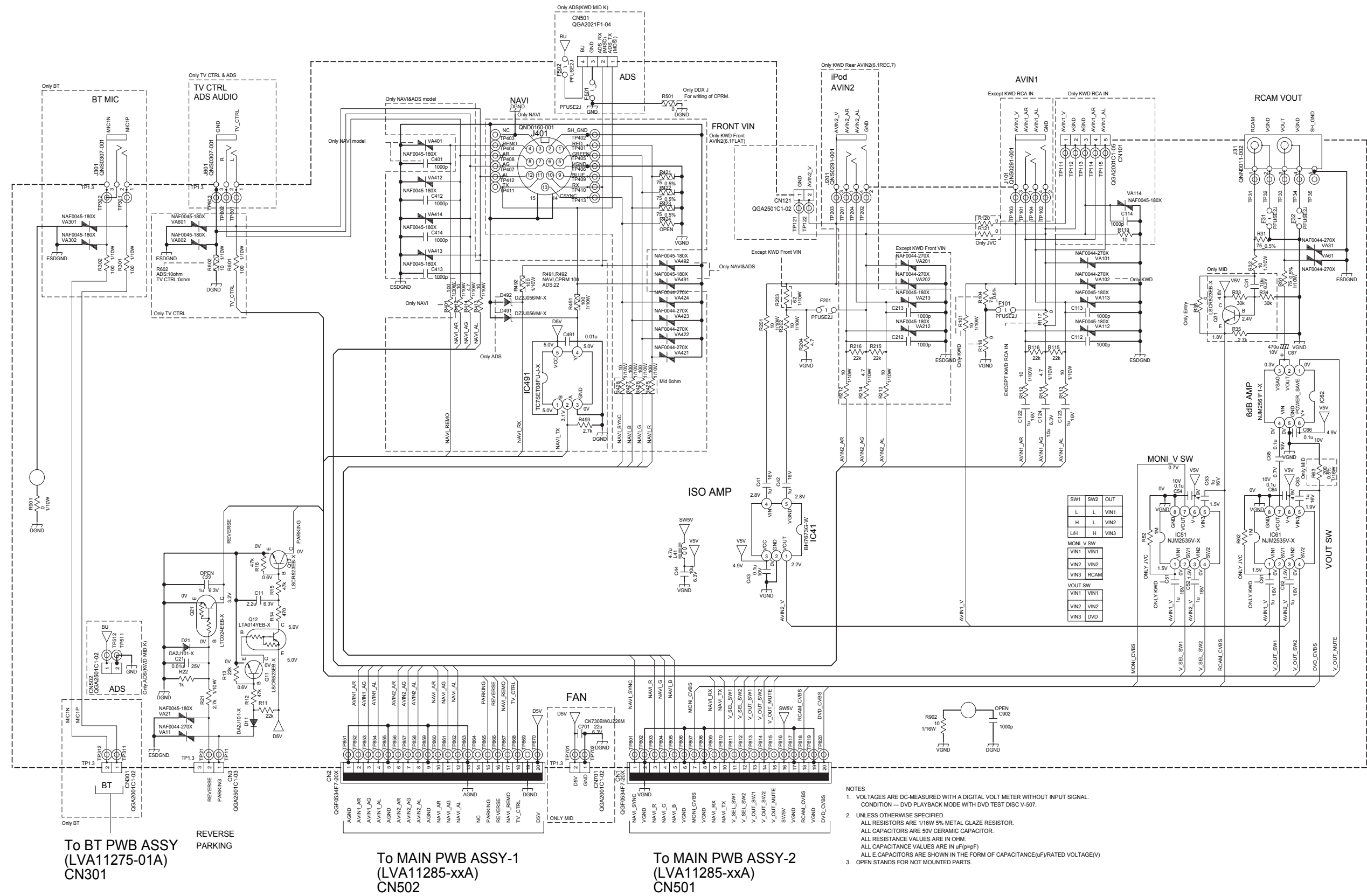
To MAIN PWB ASSY-1 No.3, No.6,  
MAIN PWB ASSY-2 No.3  
(LVA11285-xxA)

To MAIN PWB ASSY-1  
No.4, No.5  
(LVA11285-xxA)

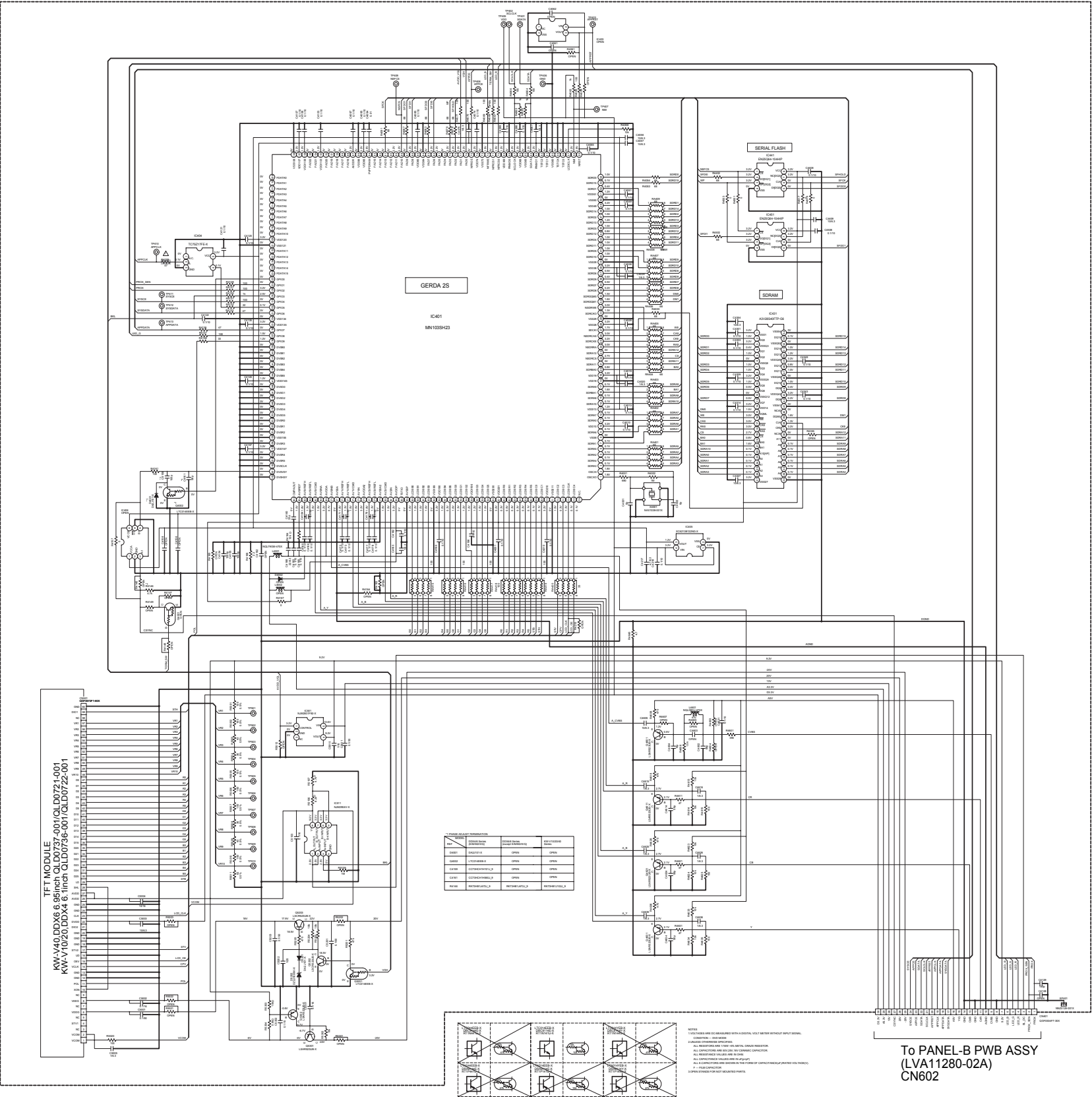
NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.  
CONDITION --- DVD PLAYBACK MODE WITH DVD TEST DISC V-507.
2. UNLESS OTHERWISE SPECIFIED,  
ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR.  
ALL CAPACITORS ARE 50V CERAMIC CAPACITOR.  
ALL RESISTANCE VALUES ARE IN OHM.  
ALL CAPACITANCE VALUES ARE IN  $\mu\text{F}$ ( $\mu\text{pF}$ )  
ALL E CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE( $\mu\text{F}$ )/RATED VOLTAGE(V)
3. OPEN STANDS FOR NOT MOUNTED PARTS.

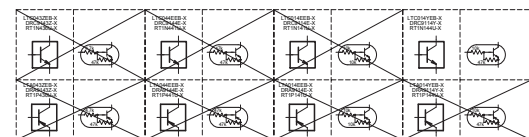
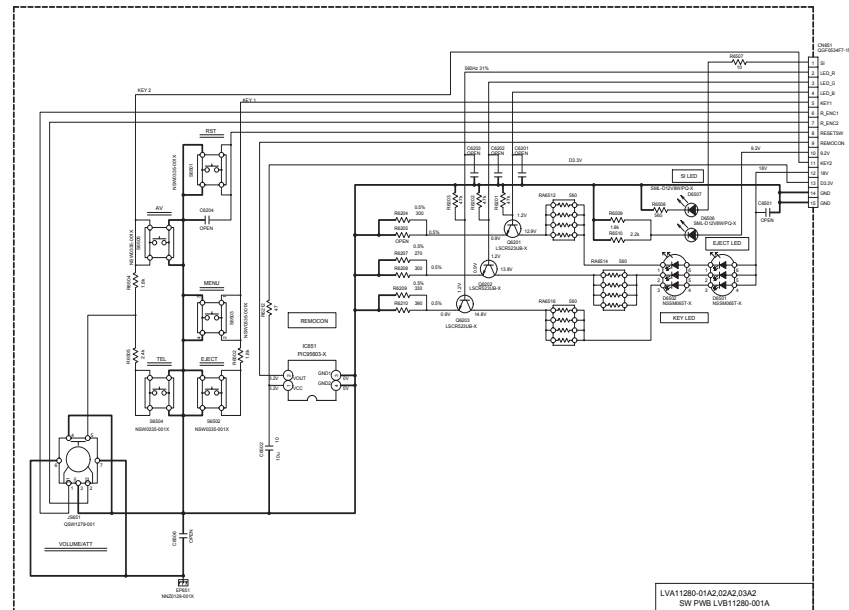
SUB PWB ASSY (LVA11269-xxA)



PANEL-A PWB ASSY (LVA11279-0xA)

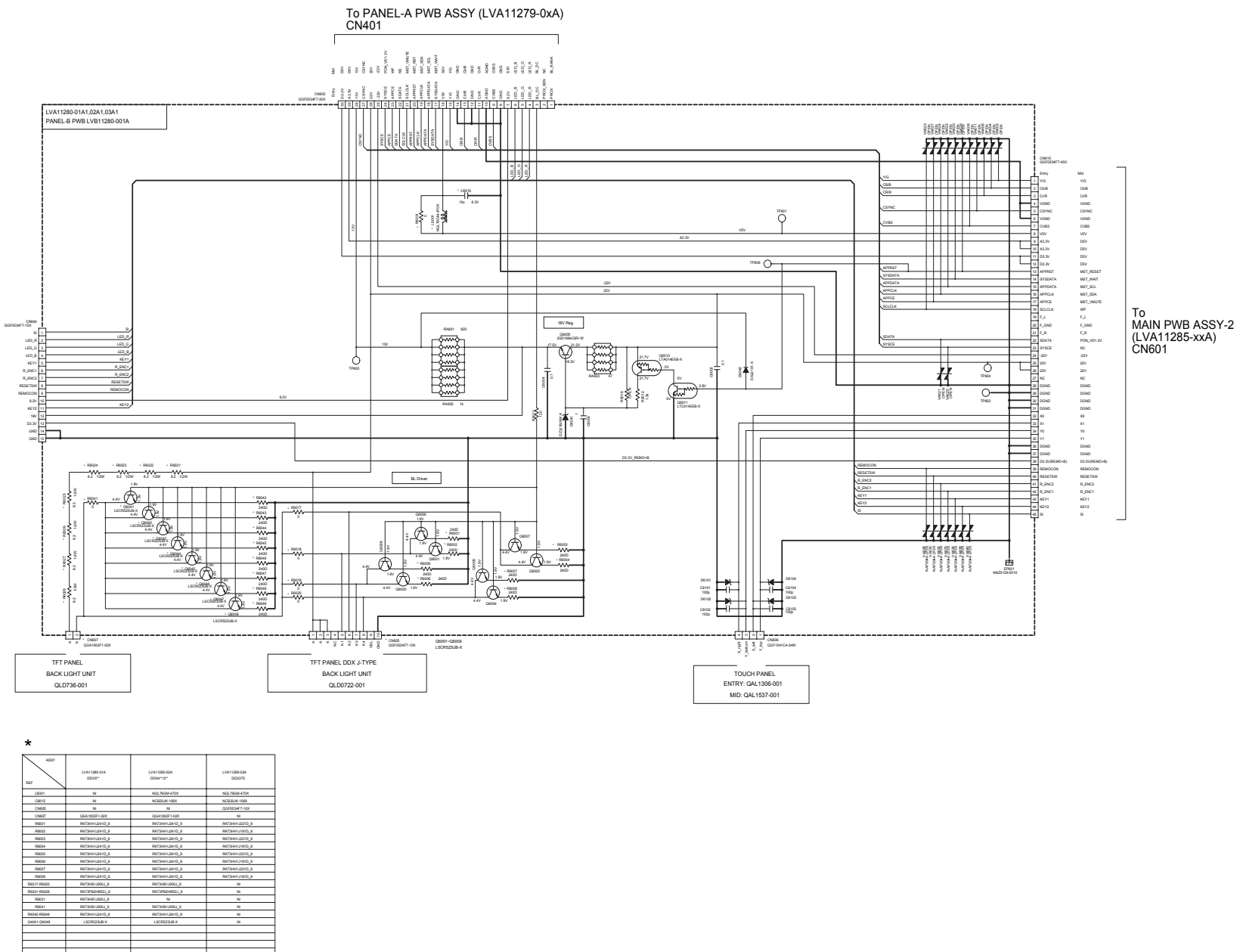


## PANEL-B PWB ASSY (LVA11280-02A)

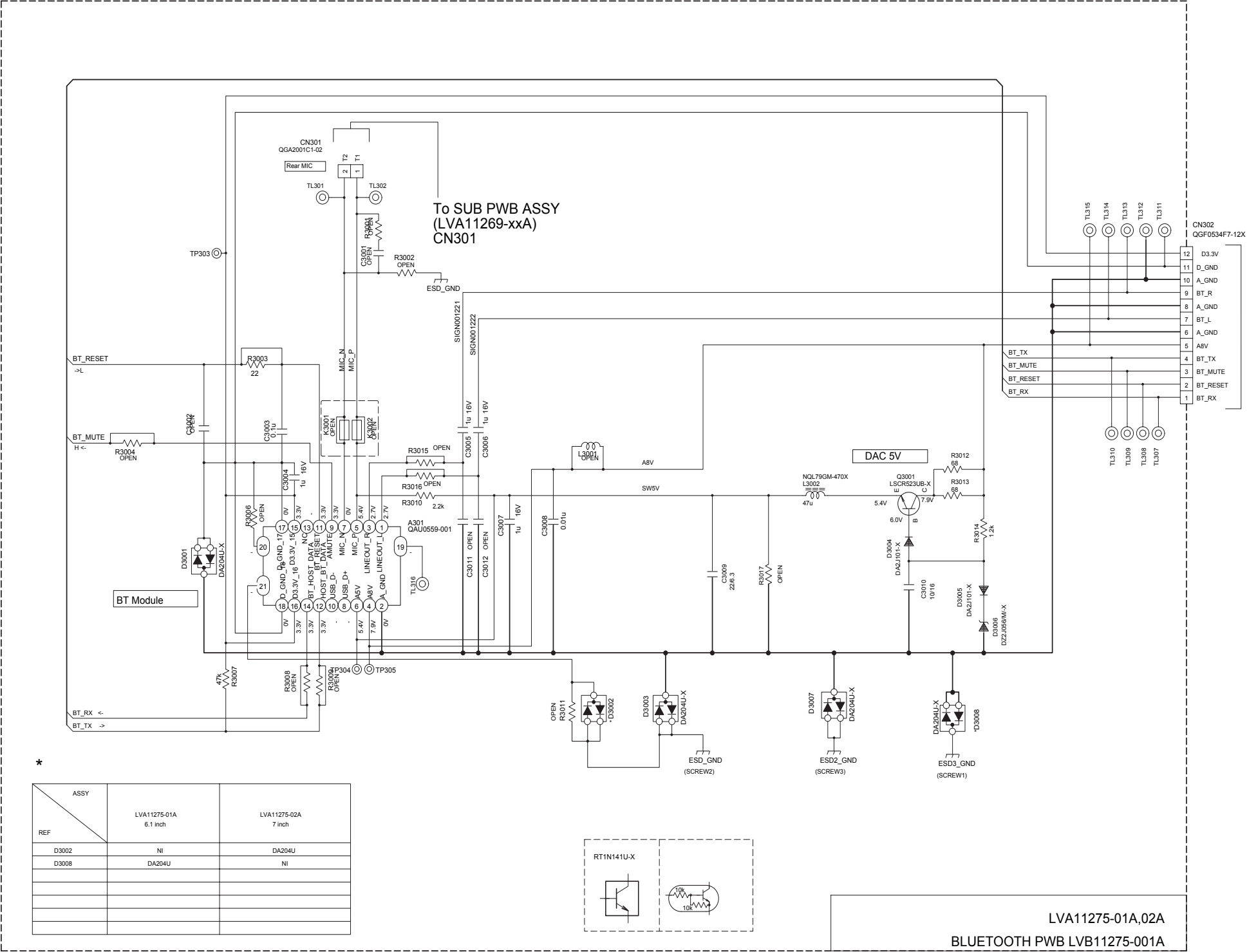


NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.  
CONDITION — DVD MODE
2. UNLESS OTHERWISE SPECIFIED:  
ALL RESISTORS ARE 1/8W ±5% METAL GLAZE RESISTOR.  
ALL CAPACITORS ARE 50V 25V 16V CERAMIC CAPACITOR.  
ALL RESISTANCE VALUES ARE IN  $\Omega$  (pref)  
ALL CAPACITANCE VALUES ARE IN  $\mu$ F (pref)  
ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE/FILTRATED VOLTAGE (V)  
F — FILM CAPACITOR
3. OPEN STANDS FOR NOT MOUNTED PARTS.



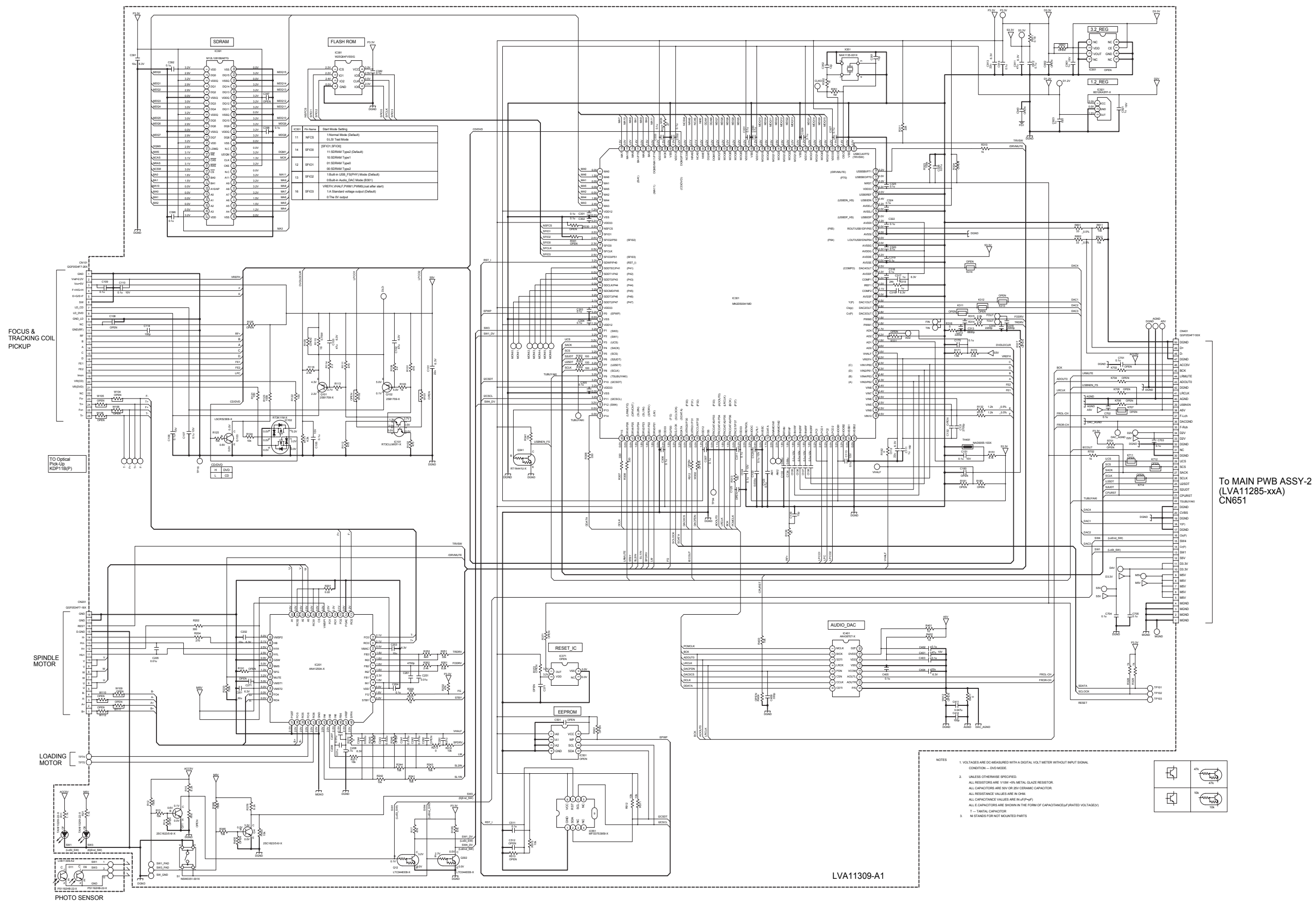
BT PWB ASSY (LVA11275-01A)



- NOTES
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION—FM MODE.
  - UNLESS OTHERWISE SPECIFIED.  
ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR.  
ALL CAPACITORS ARE CERAMIC CAPACITOR.  
ALL RESISTANCE VALUES ARE IN OHM.  
ALL CAPACITANCE VALUES ARE IN uF(p=pF)  
ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE(V)
  - NI OR OPEN STANDS FOR NOT MOUNTED PARTS.



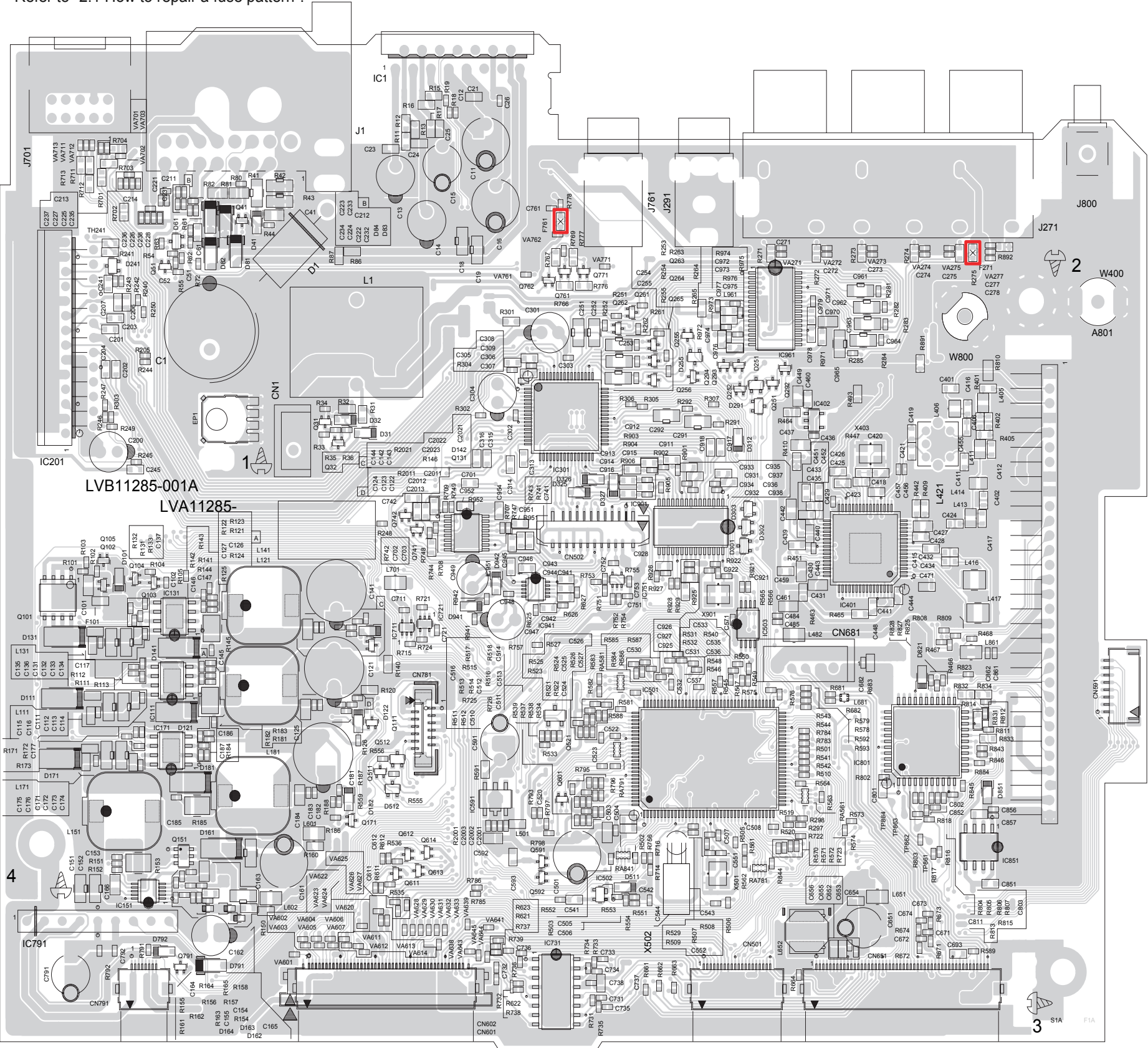
## DVD MECHA PWB ASSY (LVA11172-06A)



# MAIN PWB ASSY LVA11285-xxA (LVB11285-001A)

 How to repair a fuse pattern.

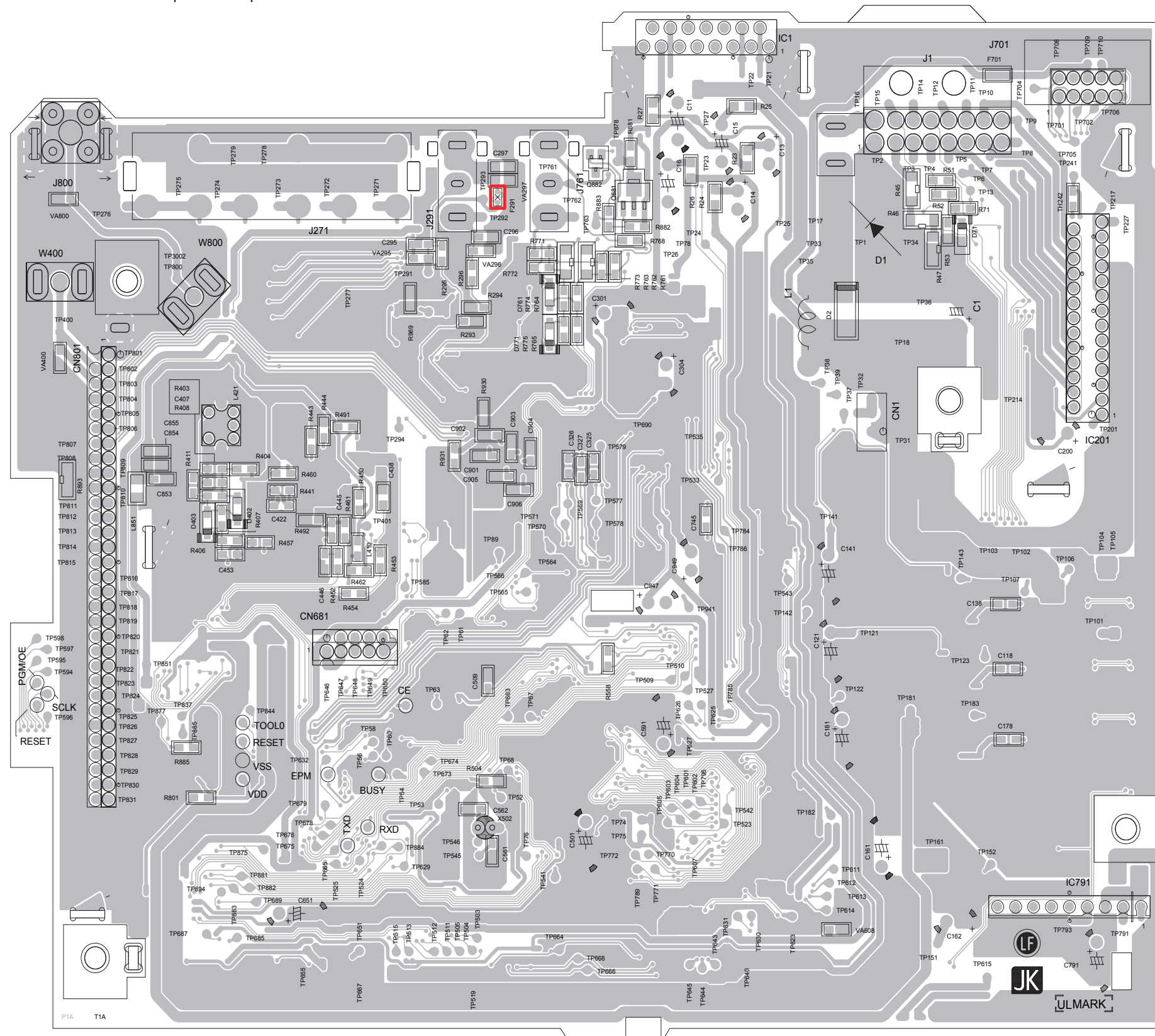
Refer to "2.1 How to repair a fuse pattern".



MAIN PWB ASSY LVA11285-xxA (LVB11285-001A)

☐ How to repair a fuse pattern.

Refer to "2.1 How to repair a fuse pattern".



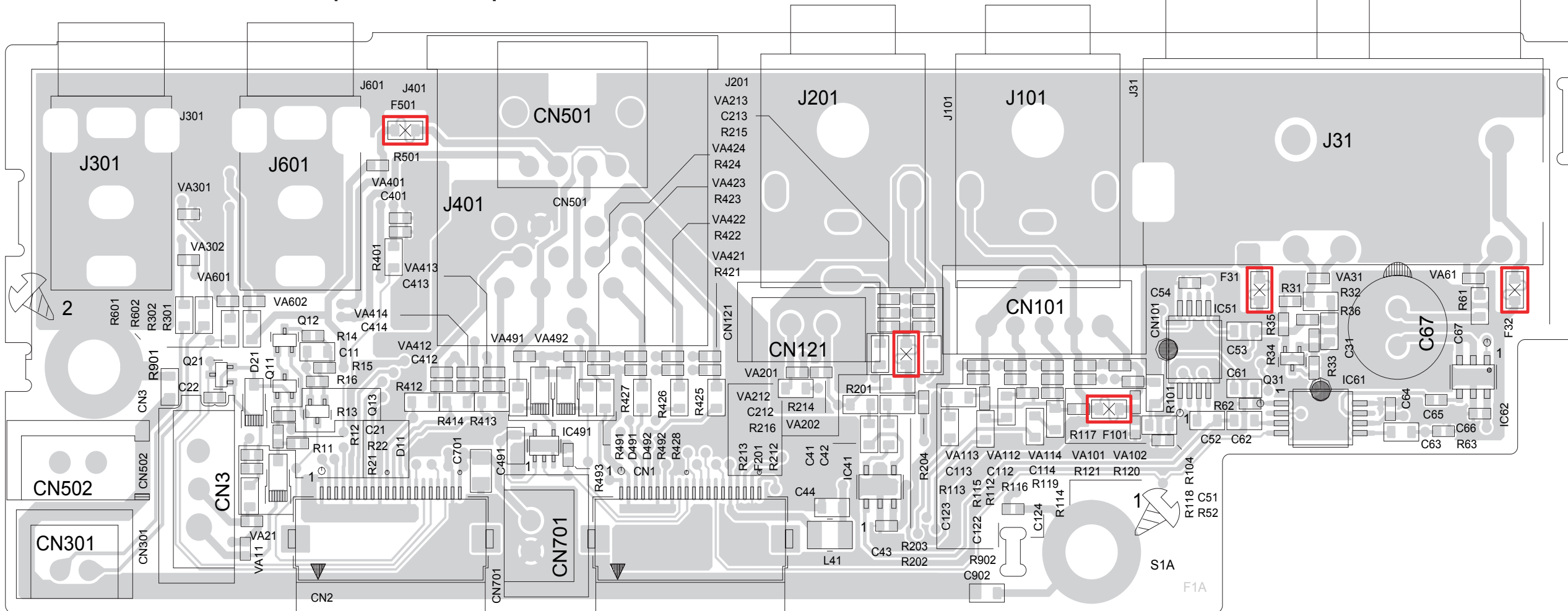


## SUB PWB ASSY LVA11269-xxA (LVB11269-001A)



## How to repair a fuse pattern.

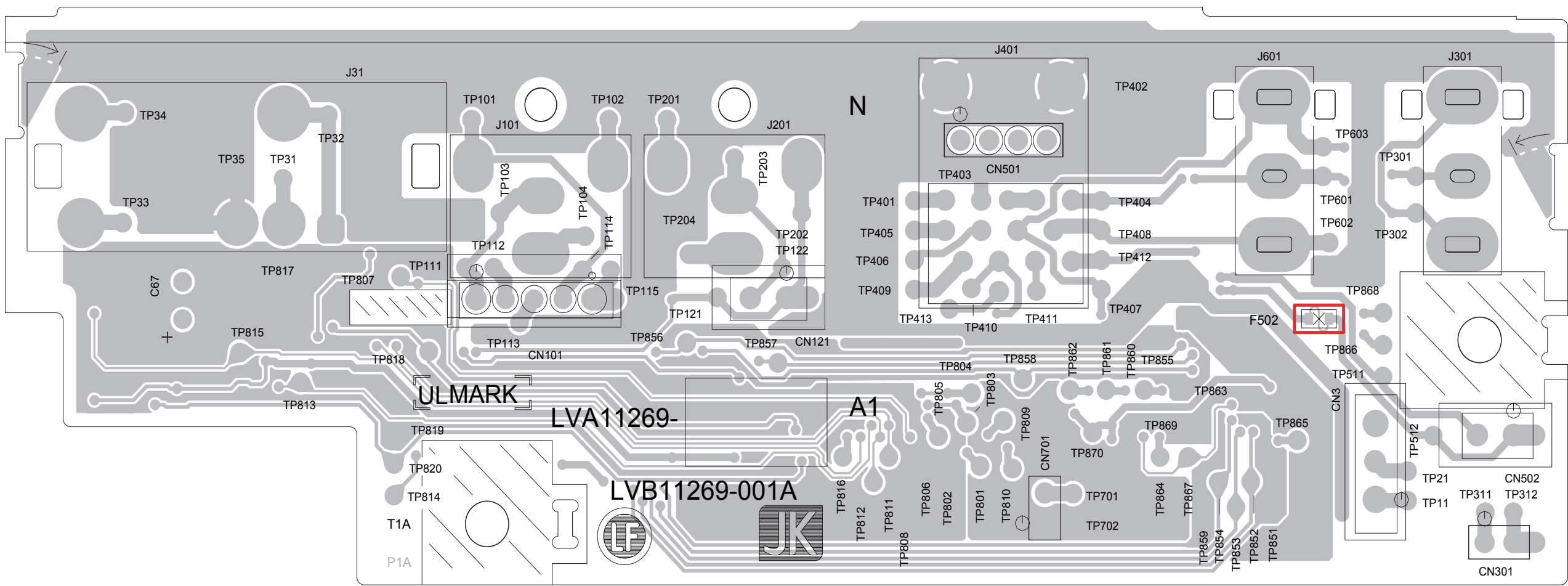
Refer to "2.1 How to repair a fuse pattern".



# SUB PWB ASSY LVA11269-xxA (LVB11269-001A)

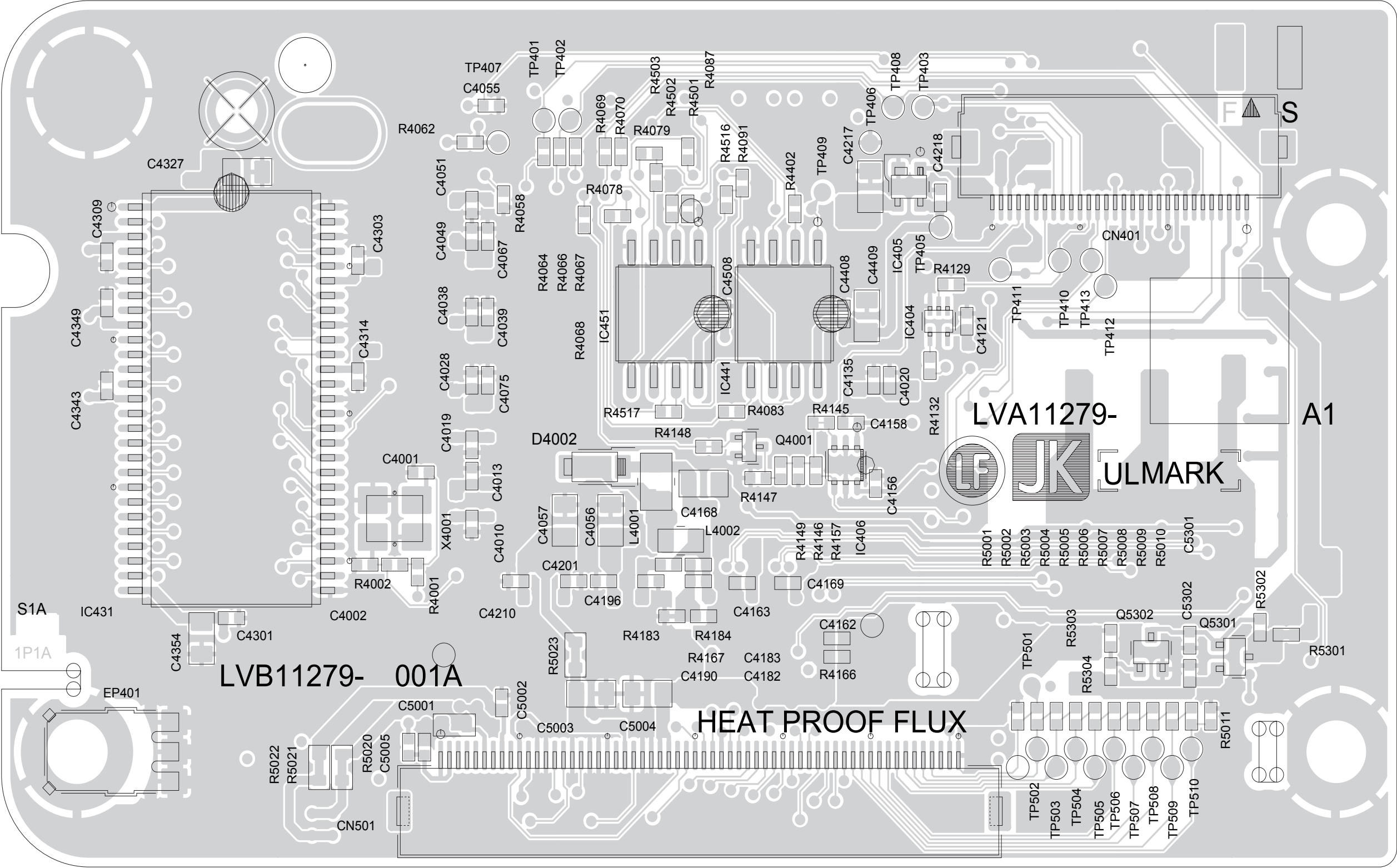
 How to repair a fuse pattern.

Refer to "2.1 How to repair a fuse pattern".

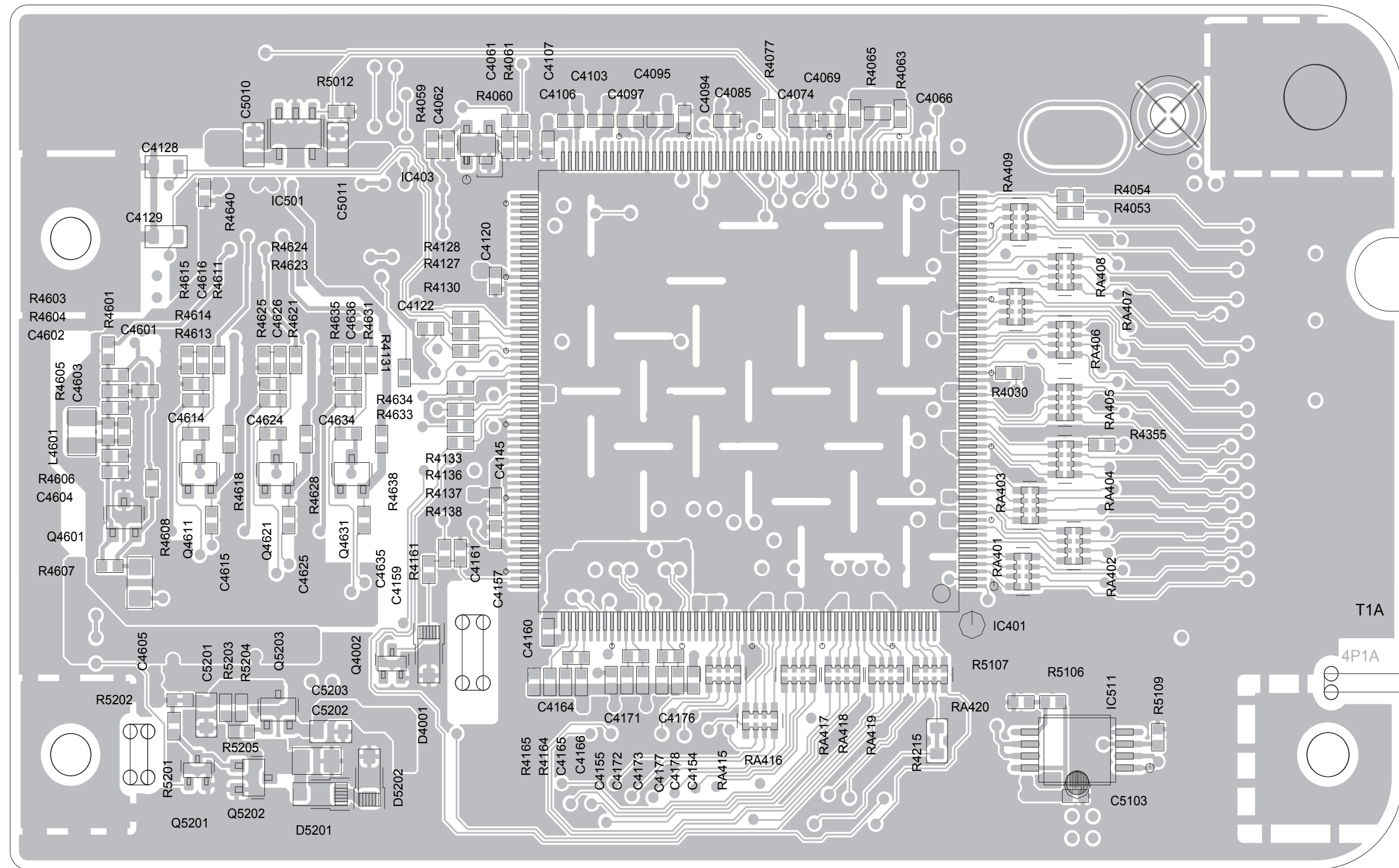




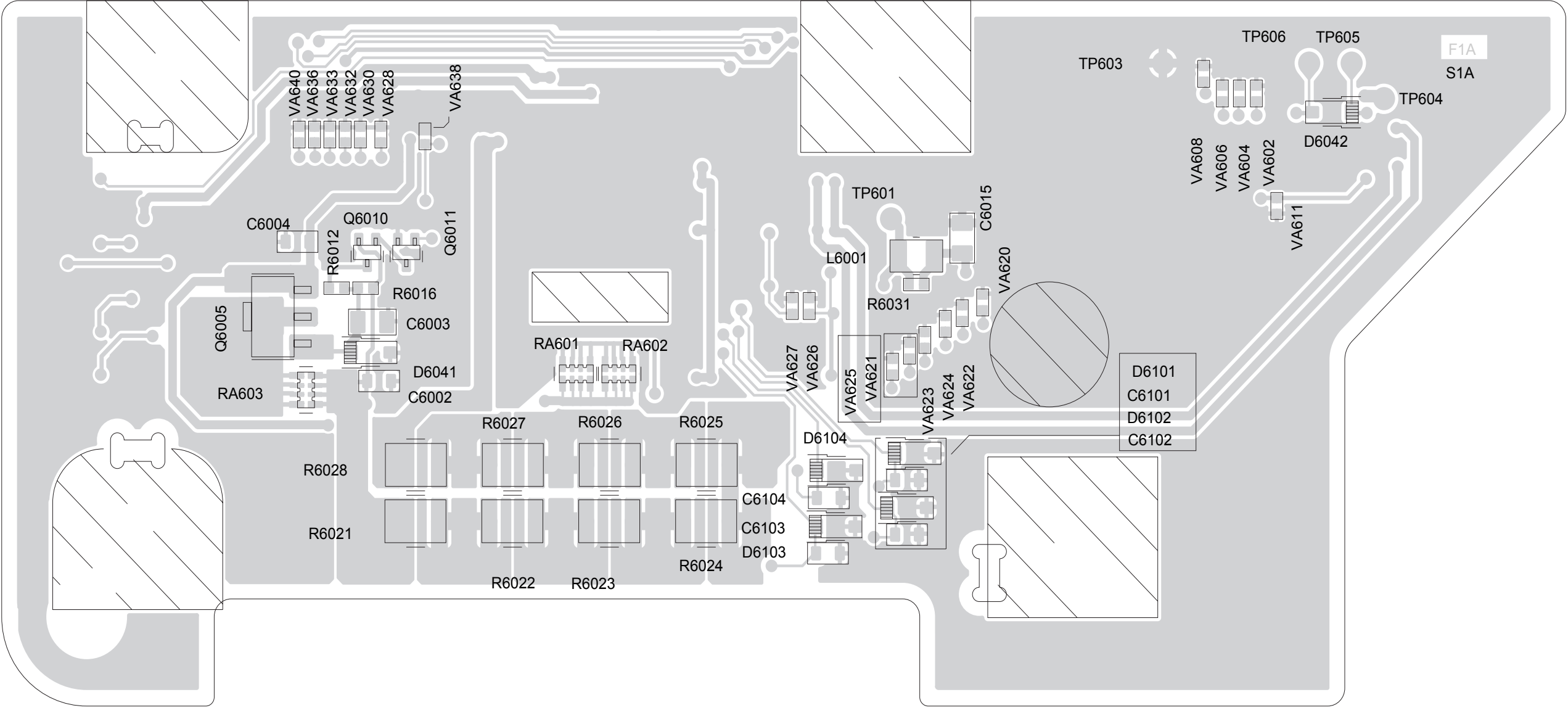
PANEL-A PWB ASSY LVA11279-0xA (LVB11279-001A)



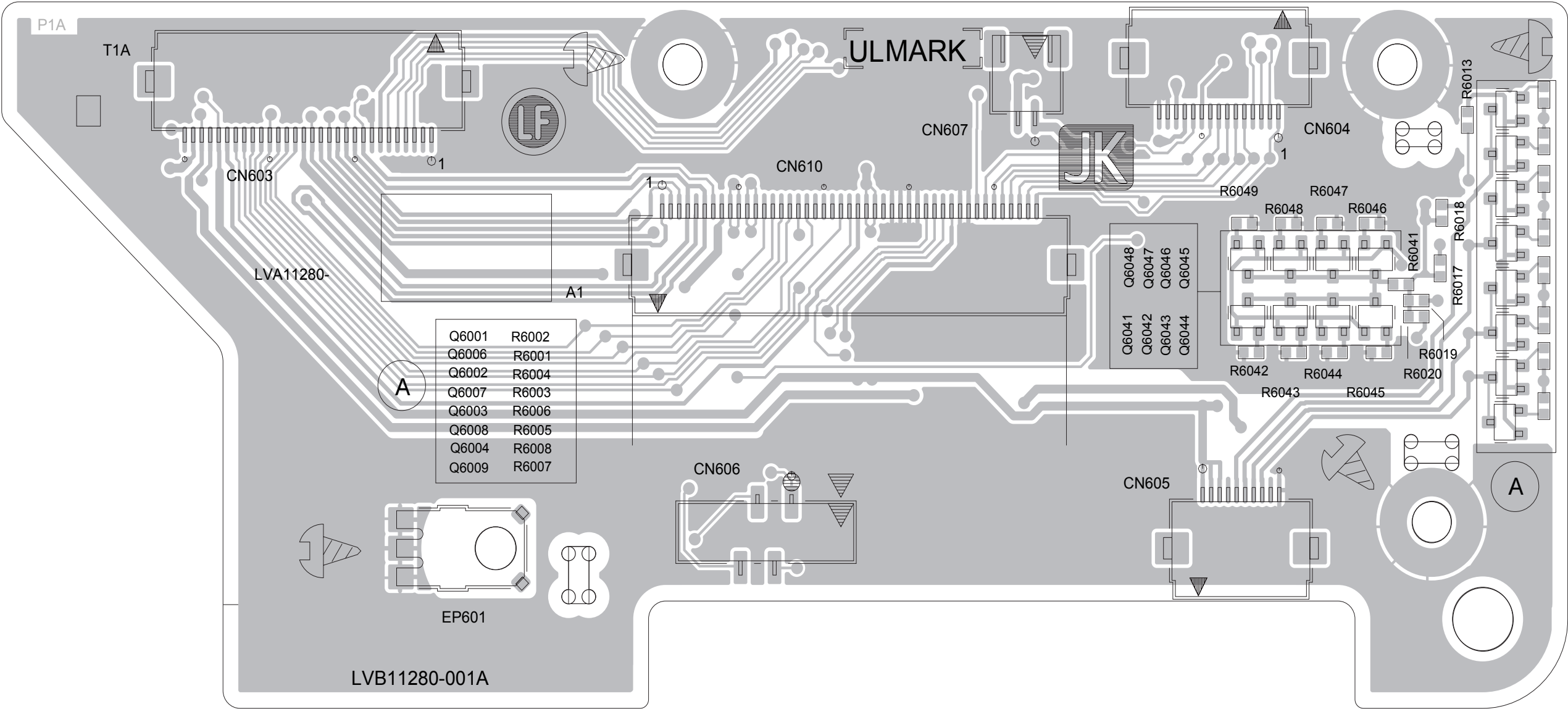
# PANEL-A PWB ASSY LVA11279-0xA (LVB11279-001A)



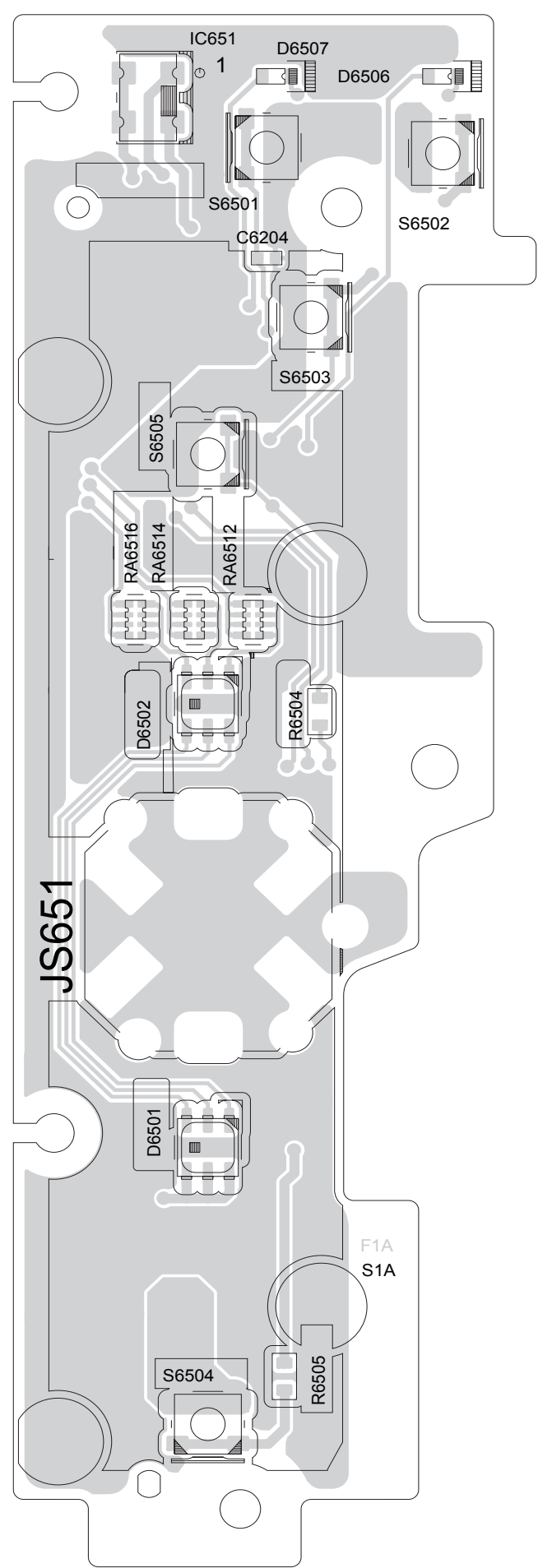
PANEL-B PWB ASSY-1 LVA11280-02A (LVB11280-001A)



# PANEL-B PWB ASSY-1 LVA11280-02A (LVB11280-001A)

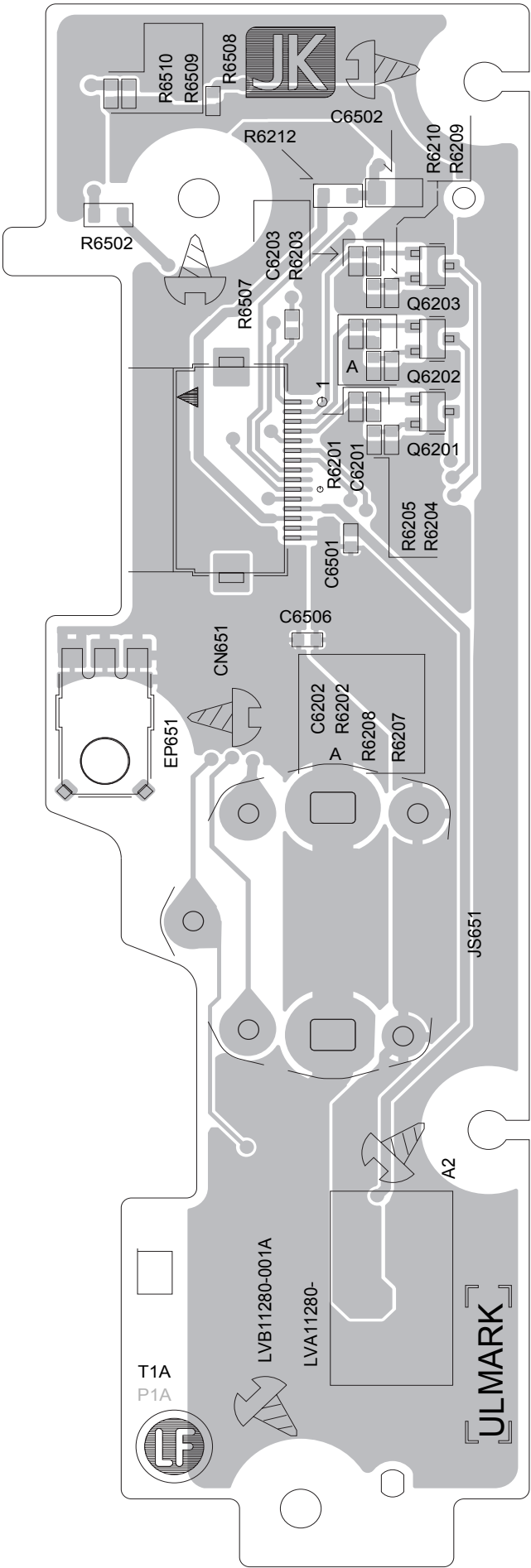


PANEL-B PWB ASSY-2 LVA11280-02A (LVB11280-001A)

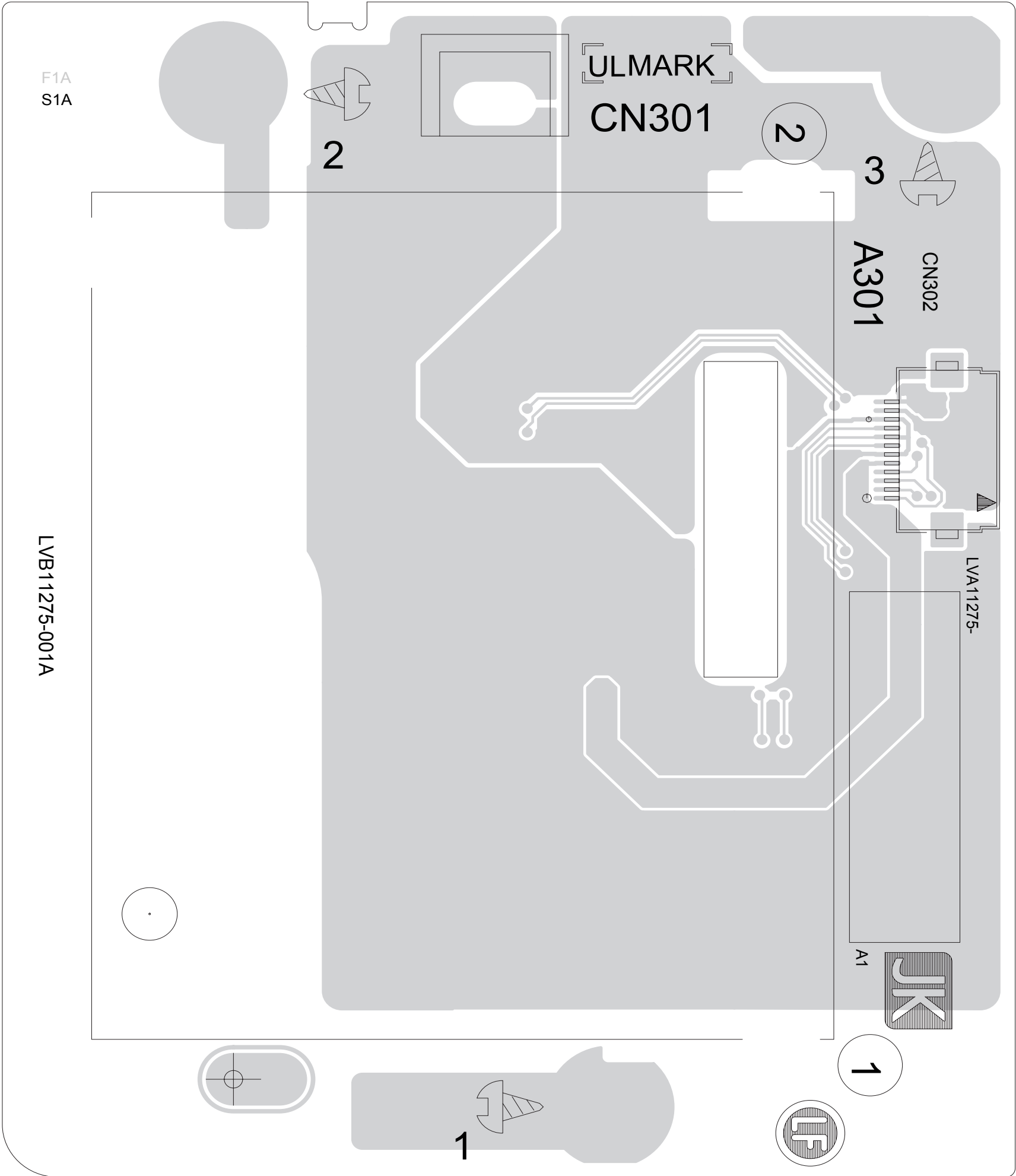




PANEL-B PWB ASSY-2 LVA11280-02A (LVB11280-001A)

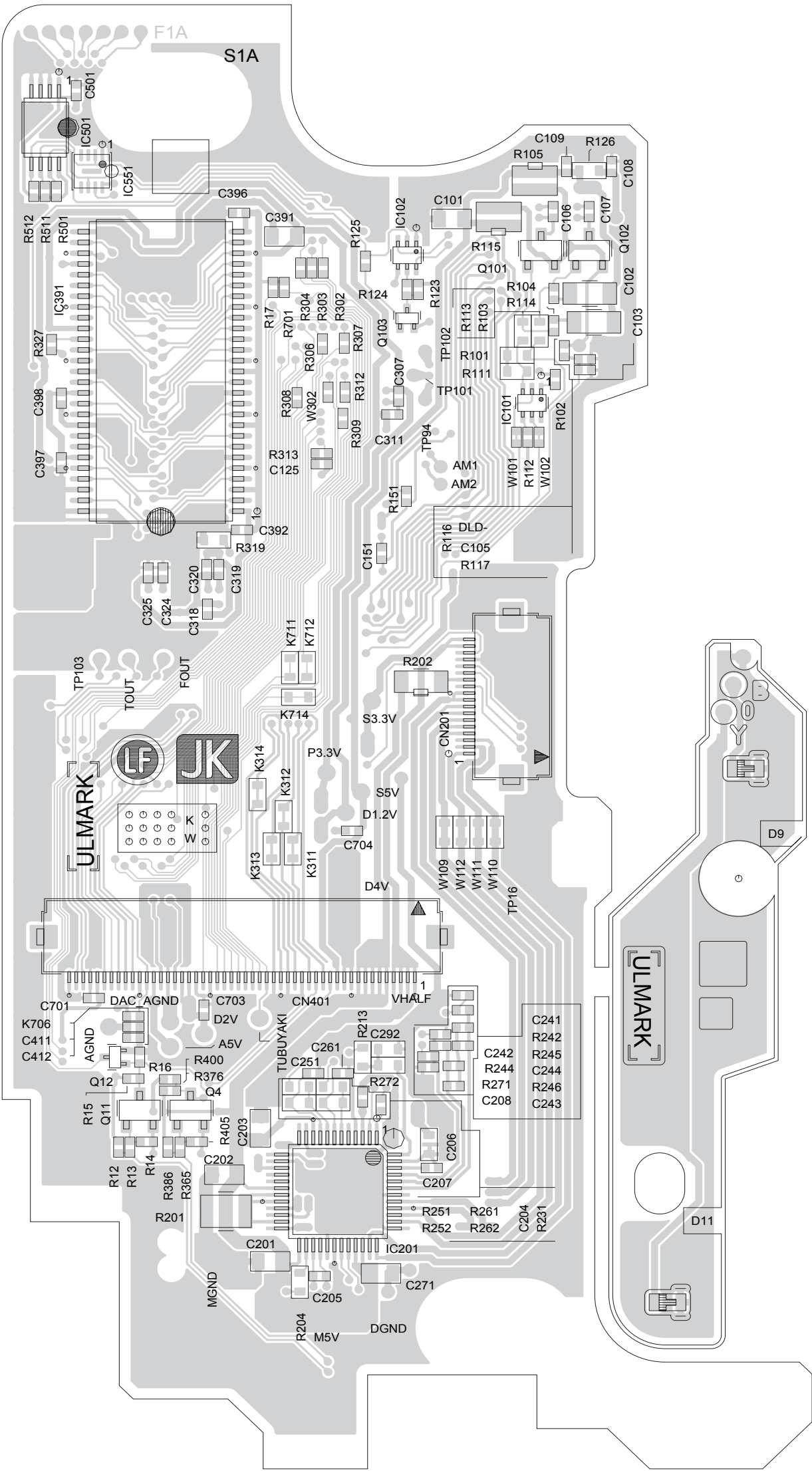


# BT PWB ASSY LVA11275-01A (LVB11275-001A)

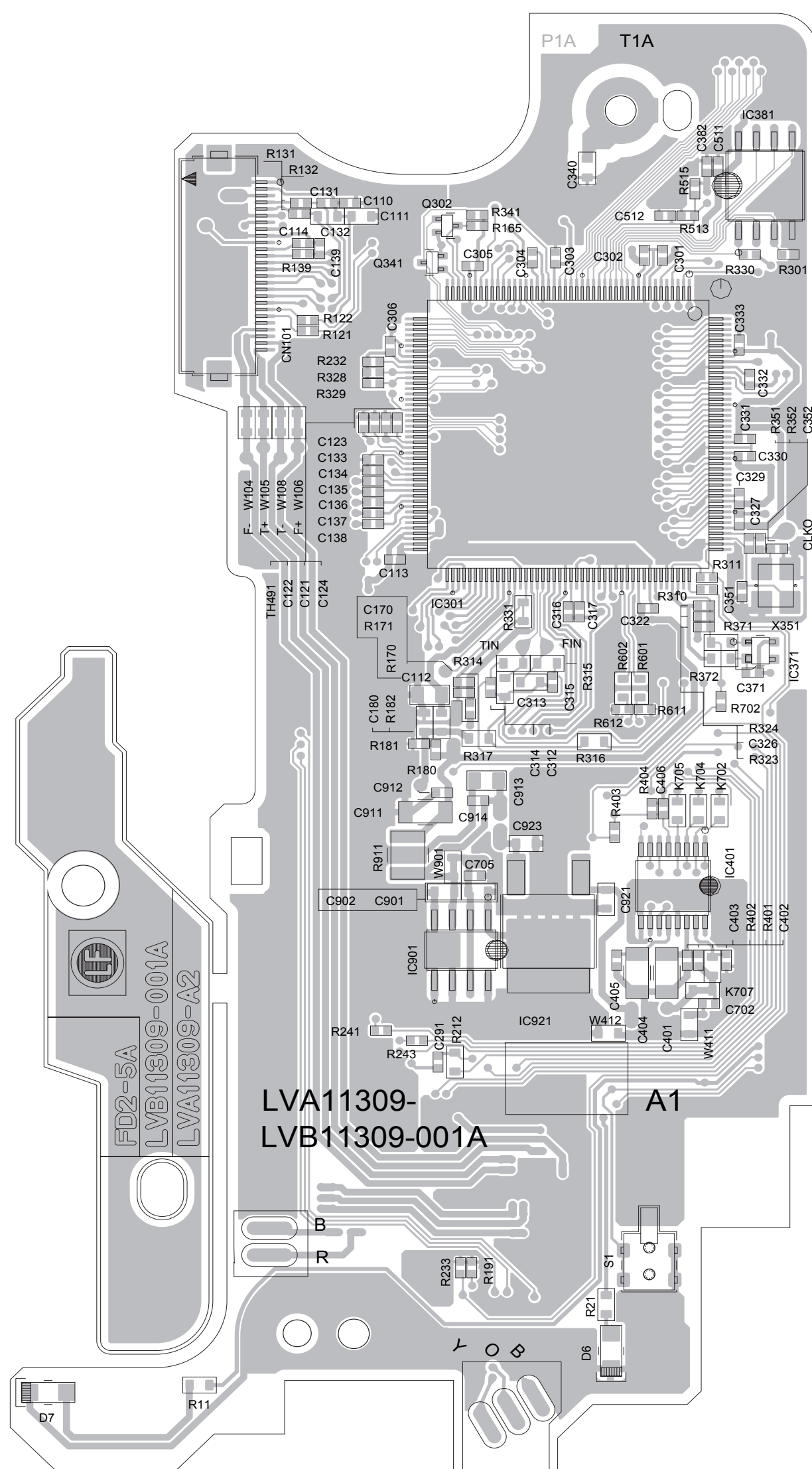


[illegible]

DVD MECHA PWB ASSY LVA11172-06A (LVB11309-001A)



DVD MECHA PWB ASSY LVA11172-06A (LVB11309-001A)





# KENWOOD

## PARTS LIST

### MONITOR WITH DVD RECEIVER

|           |           |            |
|-----------|-----------|------------|
| DDX2071   | DDX271    | DDX3025    |
| DDX3055   | DDX3071BT | DDX310BT   |
| DDX371    | DDX4025BT | DDX4025DAB |
| DDX4055BT | DDX471HD  | DDX491HD   |

## ■ PRECAUTIONS ON SCHEMATIC DIAGRAMS

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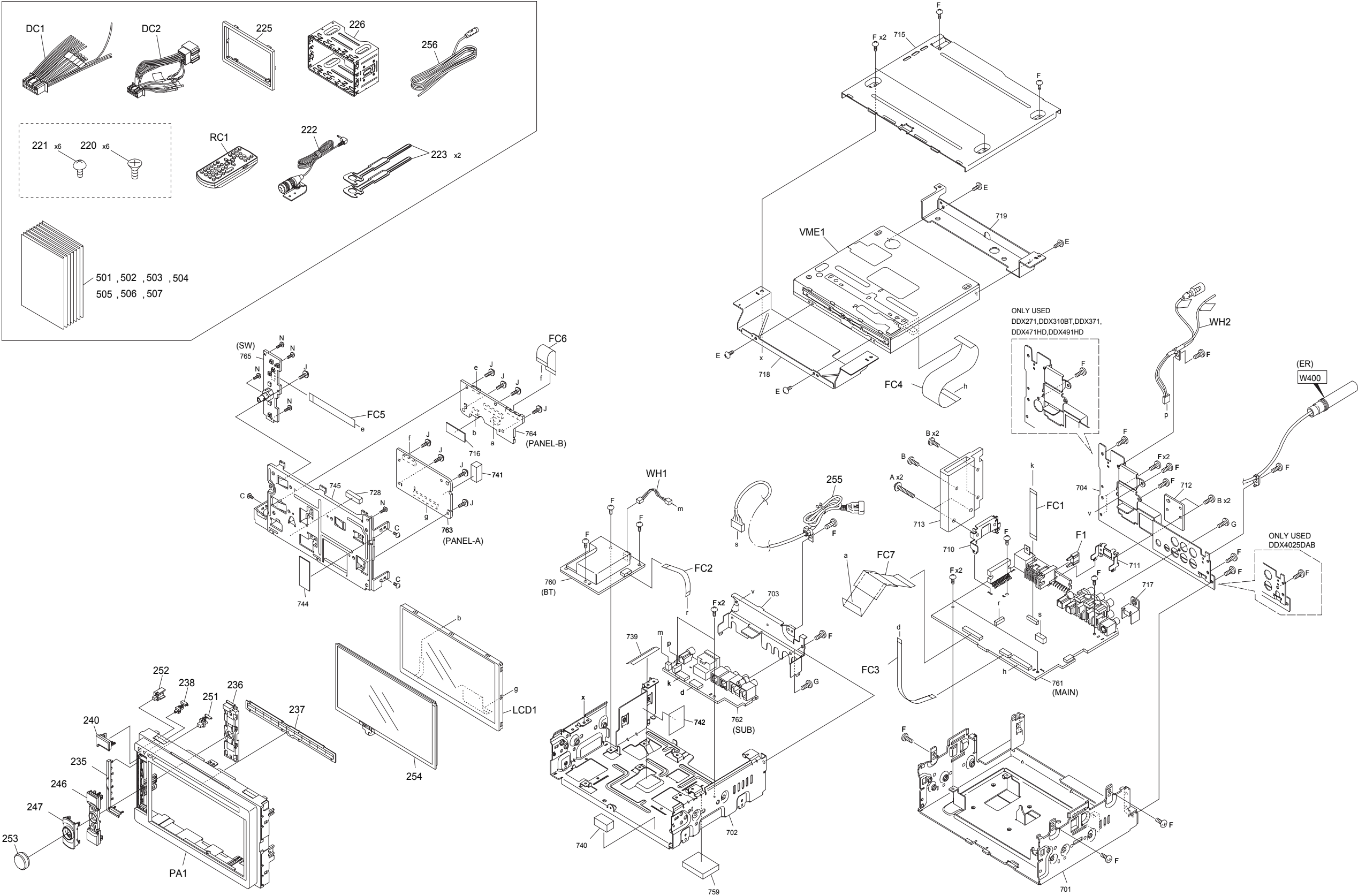
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## ■ DEVIATION TOLERANCE RANGE

| DEVIATION TOLERANCE RANGE |      |      |      |      |      |              |              |              |              |
|---------------------------|------|------|------|------|------|--------------|--------------|--------------|--------------|
| F                         | G    | J    | K    | M    | N    | R            | H            | Z            | P            |
| ± 1%                      | ± 2% | ± 5% | ±10% | ±20% | ±30% | +30%<br>-10% | +50%<br>-10% | +80%<br>-20% | +100%<br>-0% |

EXPLODED VIEW(UNIT)

Block No.200



Parts with the exploded numbers larger than 700 are not supplied.

| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe                       | Symbol No. | Parts No.       | Parts Name          | Description | QTY | Local                               |
|----------------------------|------------|-----------------|---------------------|-------------|-----|-------------------------------------|
| EXPLODED VIEW (UNIT) <200> |            |                 |                     |             |     |                                     |
|                            | DC1        | QAM1572-001     | DC CORD             |             | 1   | R2,K3,R1,K4,K2,K1,K0                |
|                            | DC2        | E30-8233-08     | DC CORD             |             | 1   | E3,Q2,E2,E1,Q1                      |
| △                          | F1         | F52-0023-05     | FUSE                | 10A         | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
| △                          | F1         | QMFZ064-100-J1  | FUSE                | 10A         | 1   | K4                                  |
|                            | FC1        | E39-1242-08     | FFC WIRE            | 20pin 5cm   | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
|                            | FC1        | QUQY05-2005AC-E | FFC WIRE            | 20pin 5cm   | 1   | K4                                  |
|                            | FC2        | E39-1297-08     | FFC WIRE            | 12pin 5cm   | 1   | R1,K2,E2,E1,Q1,K1,K0                |
|                            | FC2        | QUQY05-1205AC-E | FFC WIRE            | 12pin 5cm   | 1   | K4                                  |
|                            | FC3        | QUQY05-2014BCE  | FFC WIRE            | 20pin 14cm  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
|                            | FC3        | QUQY05-2014BC-E | FFC WIRE            | 20pin 14cm  | 1   | K4                                  |
|                            | FC4        | E39-1230-08     | FFC WIRE            | 50pin 13cm  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
|                            | FC4        | QUQY05-5013BC-E | FFC WIRE            | 50pin 13cm  | 1   | K4                                  |
|                            | FC5        | E39-1336-08     | FFC WIRE            | 15pin 6cm   | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
|                            | FC5        | QUQY05-1506BC-E | FFC WIRE            | 15pin 6cm   | 1   | K4                                  |
|                            | FC6        | E39-1226-08     | FFC WIRE            | 30pin 5cm   | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
|                            | FC6        | QUQY05-3005BC-E | FFC WIRE            | 30pin 5cm   | 1   | K4                                  |
|                            | FC7        | WJT0315-001A-E  | E-CARD WIRE         |             | 1   |                                     |
|                            | LCD1       | QLD0736-001     | LCD MODULE          |             | 1   |                                     |
|                            | PA1        | LV11844-029A    | FRONT PANEL         |             | 1   | R2                                  |
|                            | PA1        | LV11844-028A    | FRONT PANEL         |             | 1   | K3                                  |
|                            | PA1        | LV11844-030A    | FRONT PANEL         |             | 1   | E3                                  |
|                            | PA1        | LV11844-031A    | FRONT PANEL         |             | 1   | Q2                                  |
|                            | PA1        | LV11844-025A    | FRONT PANEL         |             | 1   | R1                                  |
|                            | PA1        | LV11844-033A    | FRONT PANEL         |             | 1   | K4                                  |
|                            | PA1        | LV11844-024A    | FRONT PANEL         |             | 1   | K2                                  |
|                            | PA1        | LV11844-026A    | FRONT PANEL         |             | 1   | E2                                  |
|                            | PA1        | LV11844-023A    | FRONT PANEL         |             | 1   | E1                                  |
|                            | PA1        | LV11844-027A    | FRONT PANEL         |             | 1   | Q1                                  |
|                            | PA1        | LV11844-022A    | FRONT PANEL         |             | 1   | K1                                  |
|                            | PA1        | LV11844-021A    | FRONT PANEL         |             | 1   | K0                                  |
|                            | RC1        | A70-2083-15     | REMOTE CONTROL UNIT |             | 1   | R2,R1                               |
|                            | VME1       | D4A-0008-00     | DVD MECHA MODULE    |             | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
|                            | VME1       | FD2-5A10NXN     | DVD MECHA MODULE    |             | 1   | K4                                  |
|                            | WH1        | E39-1340-08     | E-SI C WIRE C-C     |             | 1   | R1,K2,E2,E1,Q1,K1,K0                |
|                            | WH1        | WJJ1272-001A-E  | E-SI C WIRE C-C     |             | 1   | K4                                  |
|                            | WH2        | QAM1565-001     | CAR CABLE           |             | 1   |                                     |
|                            | A          | QYSDST2616ZA    | TAP SCREW           | M2.6 x 16mm | 2   |                                     |
|                            | B          | N09-6873-08     | TAP SCREW           | M2.6 x 10mm | 5   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
|                            | B          | QYSDST2610ZA    | TAP SCREW           | M2.6 x 10mm | 5   | K4                                  |
|                            | C          | N86-2004-48     | TAP SCREW           | M2 x 4mm    | 3   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
|                            | C          | QYSDST2004ZA    | TAP SCREW           | M2 x 4mm    | 3   | K4                                  |
|                            | E          | LV45552-003A    | SPECIAL SCREW       |             | 4   |                                     |
|                            | F          | N09-6836-08     | SPECIAL SCREW       |             | 24  | R2,E3,Q2                            |
|                            | F          | N09-6836-08     | SPECIAL SCREW       |             | 25  | K3,K2,E1,K1,K0                      |
|                            | F          | N09-6836-08     | SPECIAL SCREW       |             | 27  | R1,E2,Q1                            |
|                            | F          | LV44800-005A    | SPECIAL SCREW       |             | 27  | K4                                  |
|                            | G          | N09-6871-08     | TAP SCREW           | M3 x 10mm   | 2   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
|                            | G          | QYSDSF3010ZA    | TAP SCREW           | M3 x 10mm   | 2   | K4                                  |
|                            | J          | N09-6876-08     | SPECIAL SCREW       |             | 9   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
|                            | J          | LV44615-003A    | SPECIAL SCREW       |             | 9   | K4                                  |
|                            | N          | N09-5625-08     | SCREW               |             | 5   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
|                            | N          | VKZ4777-012     | SCREW               |             | 5   | K4                                  |
|                            | 220        | N32-5007-48     | MACHINE SCREW       |             | 6   | R2,K3,R1,K4,K2,K1,K0                |
|                            | 221        | N34-5006-48     | MACHINE SCREW       |             | 6   | R2,K3,R1,K4,K2,K1,K0                |
|                            | 222        | QAN0126-001     | MICROPHONE          |             | 1   | R1,K4,K2,E2,E1,Q1,K1,K0             |
|                            | 223        | D10-7012-04     | LEVER               |             | 2   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
|                            | 223        | LV45516-001A    | LEVER               |             | 2   | K4                                  |
|                            | 225        | B07-3263-02     | ESCUTCHEON(2DIN)    |             | 1   |                                     |
|                            | 226        | J22-0657-03     | SLEEVE ASSY         |             | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
|                            | 226        | LV22876-001A    | SLEEVE ASSY         |             | 1   | K4                                  |
|                            | 235        | A21-6897-02     | DRESSING PANEL      |             | 1   | R2,K3,E3,Q2,R1,K4,K2,E2,E1,Q1,K1,K0 |
|                            | 235        | A21-6895-02     | DRESSING PANEL      |             | 1   | K0                                  |
|                            | 236        | B19-2640-13     | L.BOARD ASSY        |             | 1   |                                     |
|                            | 237        | F19-1852-08     | BLIND               |             | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0    |
|                            | 237        | LV3A090-001A    | BLIND               |             | 1   | K4                                  |
|                            | 238        | K24-5230-03     | PUSH KNOB(RESET)    |             | 1   |                                     |
|                            | 240        | K24-5226-12     | PUSH KNOB(MENU)     |             | 1   | R2,K3,E3,Q2,R1,K4,K2,E2,E1,Q1,K1,K0 |
|                            | 240        | K24-5224-12     | PUSH KNOB(MENU)     |             | 1   | K0                                  |
|                            | 246        | K28-0543-12     | KNOB ASSY           |             | 1   | R2,K3,E3,Q2                         |
|                            | 246        | K28-0541-12     | KNOB ASSY           |             | 1   | R1,K4,K2,E2,E1,Q1,K1,K0             |
|                            | 246        | K28-0542-12     | KNOB ASSY           |             | 1   | K0                                  |
|                            | 247        | A21-6901-02     | DRESSING PANEL      |             | 1   | R2,K3,E3,Q2                         |

| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

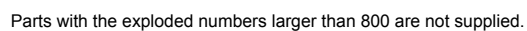
| Safe | Symbol No. | Parts No.    | Parts Name       | Description | QTY | Local                |
|------|------------|--------------|------------------|-------------|-----|----------------------|
| 247  |            | A21-6912-02  | DRESSING PANEL   |             | 1   | R1,K4,K2,E2,E1,Q1,K1 |
| 247  |            | A21-6961-02  | DRESSING PANEL   |             | 1   | K0                   |
| 251  |            | K24-5228-13  | PUSH KNOB(EJECT) |             | 1   |                      |
| 252  |            | B10-7006-04  | FRONT GLASS      |             | 1   |                      |
| 253  |            | K28-0550-13  | KNOB ASSY        |             | 1   |                      |
| 254  |            | S79-0884-08  | TOUCH PANEL      |             | 1   | R2,K3,E3,Q2,R1,K2,E2 |
| 254  |            | QAL1306-001  | TOUCH PANEL      |             | 1   | ,E1,Q1,K1,K0         |
| 255  |            | E30-8332-08  | USB CABLE        |             | 1   | K4                   |
| 255  |            | QAM1417-002  | USB CABLE        |             | 1   | R2,K3,E3,Q2,R1,K2,K1 |
| 255  |            | E30-8333-08  | USB CABLE        |             | 1   | ,K0                  |
| 256  |            | E30-8287-08  | CAR CABLE        |             | 1   | K4                   |
| 256  |            | QAM1355-002  | CAR CABLE        |             | 1   | E2,E1,Q1             |
| 501  |            | LVT2506-001A | INST BOOK        | ENG         | 1   | R2,K3,E3,Q2,R1,K2,E2 |
| 501  |            | LVT2509-001A | INST BOOK        | ENG         | 1   | ,E1,Q1,K1,K0         |
| 502  |            | LVT2506-002A | INST BOOK        | FRE         | 1   | K4                   |
| 502  |            | LVT2509-002A | INST BOOK        | FRE         | 1   | R2,K3,R1,K4,K2,K1,K0 |
| 502  |            | LVT2509-008A | INST BOOK        | RUS         | 1   | E3,Q2,E2,E1,Q1       |
| 503  |            | LVT2506-003A | INST BOOK        | SPA         | 1   | K3,K4,K2,K1,K0       |
| 503  |            | LVT2509-003A | INST BOOK        | GER         | 1   | E3,E2,E1             |
| 503  |            | LVT2509-009A | INST BOOK        | UKR         | 1   | Q2,Q1                |
| 504  |            | LVT2506-004A | INST BOOK        | POR         | 1   | R2,R1                |
| 504  |            | LVT2509-004A | INST BOOK        | DUT         | 1   | E3,E2,E1             |
| 505  |            | LVT2509-005A | INST BOOK        | ITA         | 1   | E3,E2,E1             |
| 506  |            | LVT2509-006A | INST BOOK        | SPA         | 1   | E3,E2,E1             |
| 507  |            | LVT2509-007A | INST BOOK        | POR         | 1   | E3,E2,E1             |



## No.WA086

Grease

- created date:2014-04-28



| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe | Symbol No. | Parts No. | Parts Name | Description | QTY | Local |
|------|------------|-----------|------------|-------------|-----|-------|
|------|------------|-----------|------------|-------------|-----|-------|

EXPLODED VIEW (DVD MECHANISM: FD2-5A10NXN) <150>

|     |               |                 |              |    |
|-----|---------------|-----------------|--------------|----|
| VM1 | CM-FD2-ALM    | LOADING M ASSY  |              | 1  |
| VT1 | CM-FD2-ATM2   | TM ASSY         |              | 1  |
| A   | LV44959-002A  | SPECIAL SCREW   |              | 16 |
| B   | LV45727-001A  | GEAR SCREW      |              | 2  |
| C   | QYSPSPU1425MA | SCREW           | M1.4 x 2.5mm | 2  |
| D   | VKZ4539-054   | MINI SCREW      |              | 3  |
| F   | LV44586-001A  | SPECIAL SCREW   |              | 1  |
| 4   | LV45709-001A  | CLAMP SPRING    |              | 1  |
| 7   | LV23006-002A  | GUIDE 2 L       |              | 1  |
| 8   | LV23007-002A  | GUIDE 2 R       |              | 1  |
| 9   | LV11842-003A  | DISC GUIDE      |              | 1  |
| 14  | LV45704-001A  | DAMPER SHAFT    |              | 4  |
| 15  | LV45724-001A  | RUBBER ROLLER   |              | 2  |
| 17  | LV37652-002A  | SHAFT GUIDE     |              | 1  |
| 18  | LV39938-001A  | GEAR RETAINER   |              | 1  |
| 19  | LV45730-001A  | ROLLER C WASHER |              | 1  |
| 20  | CM-FD2-AROS   | RO SHAFT ASSY   |              | 1  |
| 21  | LV45731-001A  | ROLLER WASHER   |              | 1  |
| 22  | LV45718-001A  | ROLLER RETAINER |              | 1  |
| 23  | LV23003-001A  | ROLLER HOLDER   |              | 1  |
| 24  | LV45713-001A  | ROLLER SPRING R |              | 1  |
| 26  | LV39932-002A  | TRIGGER SLIDER  |              | 1  |
| 27  | LV45715-001A  | TRIGGER SPRING  |              | 1  |
| 28  | LV23004-003A  | SLIDER          |              | 1  |
| 29  | LV39935-002A  | SLIDER SPRING   |              | 1  |
| 31  | LV39929-001A  | DRIVE GEAR 4    |              | 1  |
| 32  | LV39928-001A  | DRIVE GEAR 3    |              | 3  |
| 33  | LV39927-001A  | DRIVE GEAR 2    |              | 1  |
| 34  | LV39926-001A  | DRIVE GEAR 1    |              | 1  |
| 35  | LV23005-001A  | GEAR HOLDER     |              | 1  |
| 36  | LV39923-002A  | UD LEVER        |              | 1  |
| 37  | LV45712-003A  | ROLLER SPRING L |              | 1  |
| 38  | LV39934-001A  | DAMPER          |              | 4  |
| 39  | LV45719-001A  | PU FPC SHEET    |              | 1  |

| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe | Symbol No. | Parts No. | Parts Name | Description | QTY | Local |
|------|------------|-----------|------------|-------------|-----|-------|
|------|------------|-----------|------------|-------------|-----|-------|

# MAIN PWB ASSY (LVA11285-xxA) <ER>

|       |                 |                 |   |                                      |
|-------|-----------------|-----------------|---|--------------------------------------|
| IC1   | LV5680NPVC      | IC              | 1 |                                      |
| IC111 | BD9876AEFJ-X    | IC              | 1 |                                      |
| IC131 | BD9876AEFJ-X    | IC              | 1 |                                      |
| IC151 | LM3481MMX       | IC              | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| IC151 | LM3481MMX-X     | IC              | 1 | K4                                   |
| IC171 | BD9876AEFJ-X    | IC              | 1 |                                      |
| IC201 | JCV8031         | IC              | 1 |                                      |
| IC301 | TDA7715         | IC              | 1 |                                      |
| IC401 | TEF6642HW       | IC              | 1 | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1       |
| IC402 | BU12TD3WG       | IC              | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,Q1          |
| IC402 | BU12TD3WG-W     | IC              | 1 | K4                                   |
| IC501 | JVM677B         | IC(MCU)         | 1 |                                      |
| IC502 | BU4824F-W       | IC              | 1 |                                      |
| IC503 | R1EX24016ATAAX  | IC              | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| IC503 | R1EX24016ATAA-X | IC              | 1 | K4                                   |
| IC591 | XC6223B331P-G   | IC              | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| IC591 | XC6223B331PG-X  | IC              | 1 | K4                                   |
| IC711 | 74AHCT1G08GW    | IC(DIGITAL)     | 1 | K3,K2,K1,K0                          |
| IC711 | TC7SET08FU-J-X  | IC(DIGITAL)     | 1 | K4                                   |
| IC721 | TC7SH17FU-F     | IC(DIGITAL)     | 1 | K3,E3,Q2,K2,E2,E1,Q1<br>,K1,K0       |
| IC721 | TC7SH17FU-X     | IC(DIGITAL)     | 1 | K4                                   |
| IC731 | NJM2584AM-X     | IC              | 1 | E3,Q2,E2,E1,Q1                       |
| IC751 | 74AHCT1G08GW    | IC(DIGITAL)     | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| IC751 | TC7SET08FU-J-X  | IC(DIGITAL)     | 1 | K4                                   |
| IC801 | JVM711B         | IC(MCU)         | 1 | E1                                   |
| IC851 | MM3423DH-X      | IC              | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| IC851 | MM3423DHE       | ANALOG IC       | 1 | K4                                   |
| Q31   | LSCR523EBFS8    | TRANSISTOR      | 1 |                                      |
| Q32   | LSCR523EBFS8    | TRANSISTOR      | 1 |                                      |
| Q41   | LSCR523EBFS8    | TRANSISTOR      | 1 |                                      |
| Q51   | LSCR523EBFS8    | TRANSISTOR      | 1 |                                      |
| Q101  | MTM98140-X      | TRANSISTOR      | 1 |                                      |
| Q102  | DRA9114E        | DIGI TRANSISTOR | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| Q102  | LTA014EEBFS8    | DIGI TRANSISTOR | 1 | K4                                   |
| Q103  | DRA9114E        | DIGI TRANSISTOR | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| Q103  | LTA014EEBFS8    | DIGI TRANSISTOR | 1 | K4                                   |
| Q104  | DRC9114E        | DIGI TRANSISTOR | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| Q104  | LTC014EEBFS8    | DIGI TRANSISTOR | 1 | K4                                   |
| Q105  | DRC9144E        | DIGI TRANSISTOR | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| Q105  | LTC044EEBFS8    | DIGI TRANSISTOR | 1 | K4                                   |
| Q111  | DRC9114E        | DIGI TRANSISTOR | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| Q111  | LTC014EEBFS8    | DIGI TRANSISTOR | 1 | K4                                   |
| Q131  | DRC9114E        | DIGI TRANSISTOR | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| Q131  | LTC014EEBFS8    | DIGI TRANSISTOR | 1 | K4                                   |
| Q151  | RTQ035N03-W     | MOS FET         | 1 |                                      |
| Q171  | DRC9114E        | DIGI TRANSISTOR | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| Q171  | LTC014EEBFS8    | DIGI TRANSISTOR | 1 | K4                                   |
| Q251  | DRC9114Y        | DIGI TRANSISTOR | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| Q251  | LTC014YEBFS8    | DIGI TRANSISTOR | 1 | K4                                   |
| Q252  | DRA9143Z        | DIGI TRANSISTOR | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| Q252  | LTA043ZEBFS8    | DIGI TRANSISTOR | 1 | K4                                   |
| Q255  | DRC9114Y        | DIGI TRANSISTOR | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| Q255  | LTC014YEBFS8    | DIGI TRANSISTOR | 1 | K4                                   |
| Q256  | DRA9143Z        | DIGI TRANSISTOR | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| Q256  | LTA043ZEBFS8    | DIGI TRANSISTOR | 1 | K4                                   |
| Q261  | LTC043TEB-X     | DIGI TRANSISTOR | 1 |                                      |
| Q262  | LTC043TEB-X     | DIGI TRANSISTOR | 1 |                                      |
| Q263  | LTC043TEB-X     | DIGI TRANSISTOR | 1 |                                      |
| Q264  | LTC043TEB-X     | DIGI TRANSISTOR | 1 |                                      |
| Q265  | LTC043TEB-X     | DIGI TRANSISTOR | 1 |                                      |
| Q292  | DRA9143Z        | DIGI TRANSISTOR | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| Q292  | LTA043ZEBFS8    | DIGI TRANSISTOR | 1 | K4                                   |
| Q293  | LTC043TEB-X     | DIGI TRANSISTOR | 1 |                                      |
| Q294  | LTC043TEB-X     | DIGI TRANSISTOR | 1 |                                      |
| Q511  | DRA9114E        | DIGI TRANSISTOR | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
| Q511  | LTA014EEBFS8    | DIGI TRANSISTOR | 1 | K4                                   |
| Q512  | DSC5001/R/      | TRANSISTOR      | 1 |                                      |
| Q521  | 2SA812/5-6/-X   | TRANSISTOR      | 1 |                                      |
| Q591  | DRA9114E        | DIGI TRANSISTOR | 1 | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |

| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe | Symbol No. | Parts No.    | Parts Name      | Description | QTY | Local                                |
|------|------------|--------------|-----------------|-------------|-----|--------------------------------------|
|      | Q591       | LTA014EEBFS8 | DIGI TRANSISTOR |             | 1   | K4                                   |
|      | Q592       | DRC9144E     | DIGI TRANSISTOR |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | Q592       | LTC044EEBFS8 | DIGI TRANSISTOR |             | 1   | K4                                   |
|      | Q601       | DRA9143Z     | DIGI TRANSISTOR |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | Q601       | LTA043ZEBFS8 | DIGI TRANSISTOR |             | 1   | K4                                   |
|      | Q611       | DRC9143Z     | DIGI TRANSISTOR |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | Q611       | LTC043ZEBFS8 | DIGI TRANSISTOR |             | 1   | K4                                   |
|      | Q612       | DRC9143Z     | DIGI TRANSISTOR |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | Q612       | LTC043ZEBFS8 | DIGI TRANSISTOR |             | 1   | K4                                   |
|      | Q613       | DRA9143Z     | DIGI TRANSISTOR |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | Q613       | LTA043ZEBFS8 | DIGI TRANSISTOR |             | 1   | K4                                   |
|      | Q614       | DRA9143Z     | DIGI TRANSISTOR |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | Q614       | LTA043ZEBFS8 | DIGI TRANSISTOR |             | 1   | K4                                   |
|      | D1         | 1N5402-BPC04 | SI DIODE        |             | 1   |                                      |
|      | D2         | GS1J-LTP-X   | SI DIODE        |             | 1   |                                      |
|      | D31        | DZ2J056/M/-X | Z DIODE         |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D31        | DZ2J056M     | Z DIODE         |             | 1   | K4                                   |
|      | D32        | DZ2J068/M/-X | Z DIODE         |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D32        | DZ2J068M     | Z DIODE         |             | 1   | K4                                   |
|      | D41        | DZ2J062/M/-X | Z DIODE         |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D41        | DZ2J062M     | Z DIODE         |             | 1   | K4                                   |
|      | D61        | DAP202U      | SI DIODE        |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D61        | DAP202U-X    | SI DIODE        |             | 1   | K4                                   |
|      | D71        | DZ2J062/M/-X | Z DIODE         |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D71        | DZ2J062M     | Z DIODE         |             | 1   | K4                                   |
|      | D81        | MBRX130-TP-X | SB DIODE        |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D81        | MBRX130      | SCHOTTKY DIODE  |             | 1   | K4                                   |
|      | D82        | MBRX130-TP-X | SB DIODE        |             | 1   | R2,K3,R1,K2,K1,K0                    |
|      | D82        | MBRX130      | SCHOTTKY DIODE  |             | 1   | K4                                   |
|      | D83        | MBRX130-TP-X | SB DIODE        |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D83        | MBRX130      | SCHOTTKY DIODE  |             | 1   | K4                                   |
|      | D84        | MBRX130-TP-X | SB DIODE        |             | 1   | R2,K3,R1,K2,K1,K0                    |
|      | D84        | MBRX130      | SCHOTTKY DIODE  |             | 1   | K4                                   |
|      | D101       | DZ2J180/M/-X | Z DIODE         |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D101       | DZ2J180M     | Z DIODE         |             | 1   | K4                                   |
|      | D121       | RB051L-40-X  | SB DIODE        |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D121       | RB051L-40    | SCHOTTKY DIODE  |             | 1   | K4                                   |
|      | D122       | DZ2J062/M/-X | Z DIODE         |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D122       | DZ2J062M     | Z DIODE         |             | 1   | K4                                   |
|      | D141       | RB051L-40    | SCHOTTKY DIODE  |             | 1   | K4                                   |
|      | D142       | DZ2J062/M/-X | Z DIODE         |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D142       | DZ2J062M     | Z DIODE         |             | 1   | K4                                   |
|      | D161       | RB160L-40    | SB DIODE        |             | 1   |                                      |
|      | D162       | KDR720E-X    | SB DIODE        |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D162       | RB521S-30    | SCHOTTKY DIODE  |             | 1   | K4                                   |
|      | D163       | KDR720E-X    | SB DIODE        |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D163       | RB521S-30    | SCHOTTKY DIODE  |             | 1   | K4                                   |
|      | D164       | KDR720E-X    | SB DIODE        |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D164       | RB521S-30    | SCHOTTKY DIODE  |             | 1   | K4                                   |
|      | D181       | RB051L-40-X  | SB DIODE        |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D181       | RB051L-40    | SCHOTTKY DIODE  |             | 1   | K4                                   |
|      | D182       | DZ2J062/M/-X | Z DIODE         |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D182       | DZ2J062M     | Z DIODE         |             | 1   | K4                                   |
|      | D241       | DAP202U      | SI DIODE        |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D241       | DAP202U-X    | SI DIODE        |             | 1   | K4                                   |
|      | D251       | DAP202U      | SI DIODE        |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D251       | DAP202U-X    | SI DIODE        |             | 1   | K4                                   |
|      | D255       | DAP202U      | SI DIODE        |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D255       | DAP202U-X    | SI DIODE        |             | 1   | K4                                   |
|      | D291       | DAP202U      | SI DIODE        |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D291       | DAP202U-X    | SI DIODE        |             | 1   | K4                                   |
|      | D301       | DAP202U      | SI DIODE        |             | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|      | D301       | DAP202U-X    | SI DIODE        |             | 1   | K4                                   |
|      | D302       | DAP202U      | SI DIODE        |             | 1   | R2,K3,E3,Q2,R1,K2,E2                 |

| MODEL      | MARK       | MODEL         | MARK        | MODEL        | MARK | MODEL                | MARK |
|------------|------------|---------------|-------------|--------------|------|----------------------|------|
| DDX2071    | R2         | DDX271        | K3          | DDX3025      | E3   | DDX3055              | Q2   |
| DDX3071BT  | R1         | DDX310BT      | K4          | DDX371       | K2   | DDX4025BT            | E2   |
| DDX4025DAB | E1         | DDX4055BT     | Q1          | DDX471HD     | K1   | DDX491HD             | K0   |
| Safe       | Symbol No. | Parts No.     | Parts Name  | Description  | QTY  | Local                |      |
|            | D302       | DAP202U-X     | SI DIODE    |              | 1    | ,E1,Q1,K1,K0         |      |
|            | D303       | DAP202U       | SI DIODE    |              | 1    | K4                   |      |
|            |            |               |             |              |      | R2,K3,E3,Q2,R1,K2,E2 |      |
|            | D303       | DAP202U-X     | SI DIODE    |              | 1    | ,E1,Q1,K1,K0         |      |
|            | D312       | DA2J101-X     | SI DIODE    |              | 1    | K4                   |      |
|            |            |               |             |              |      | R2,K3,E3,Q2,R1,K2,E2 |      |
|            | D312       | DA2J101       | DIODE       |              | 1    | ,E1,Q1,K1,K0         |      |
|            | D402       | RN731V        | SI DIODE    |              | 1    | K4                   |      |
|            |            |               |             |              |      | R2,K3,E3,Q2,R1,K4,K2 |      |
|            |            |               |             |              |      | ,E2,Q1               |      |
|            | D403       | RN731V        | SI DIODE    |              | 1    | R2,K3,E3,Q2,R1,K4,K2 |      |
|            |            |               |             |              |      | ,E2,Q1               |      |
|            | D511       | DA2J101-X     | SI DIODE    |              | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | D511       | DA2J101       | DIODE       |              | 1    | ,E1,Q1,K1,K0         |      |
|            | D512       | DAP202U       | SI DIODE    |              | 1    | K4                   |      |
|            |            |               |             |              |      | R2,K3,E3,Q2,R1,K2,E2 |      |
|            | D512       | DAP202U-X     | SI DIODE    |              | 1    | ,E1,Q1,K1,K0         |      |
|            | D821       | DZ2J033/M/-X  | Z DIODE     |              | 1    | K4                   |      |
|            |            |               |             |              |      | E1                   |      |
|            | C1         | QE20934-338   | E CAPACITOR | 3300uF       | 1    |                      |      |
|            | C11        | QE20854-107Z  | E CAPACITOR | 100uF        | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | C11        | CD04CZ1E101M  | E CAPACITOR | 100uF 25V M  | 1    | K4                   |      |
|            | C12        | CK73HBB1E103K | C CAPACITOR | 0,01uF 25V K | 1    |                      |      |
|            | C13        | C90-6893-08   | E CAPACITOR | 47uF 16V M   | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | C13        | QEKJ1CM-476Z  | E CAPACITOR | 47uF 16V M   | 1    | K4                   |      |
|            | C14        | C90-6893-08   | E CAPACITOR | 47uF 16V M   | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | C14        | QEKJ1CM-476Z  | E CAPACITOR | 47uF 16V M   | 1    | K4                   |      |
|            | C16        | CD04BN1C221M  | E CAPACITOR | 220uF 16V M  | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | C16        | QETN1CM-227Z  | E CAPACITOR | 220uF 16V M  | 1    | K4                   |      |
|            | C18        | CK730BY1E106K | C CAPACITOR | 10uF 25V K   | 1    | R2,K3,R1,K4,K2,K1,K0 |      |
|            | C19        | CK730BY1E106K | C CAPACITOR | 10uF 25V K   | 1    |                      |      |
|            | C21        | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | C21        | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1    | K4                   |      |
|            | C23        | DA2J101-X     | C CAPACITOR | 1uF 16V K    | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | C23        | NCB31CK-105X  | C CAPACITOR | 1uF 16V K    | 1    | K4                   |      |
|            | C24        | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | C24        | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1    | K4                   |      |
|            | C25        | CK73GBB1C224K | C CAPACITOR | 0.22uF 16V K | 1    |                      |      |
|            | C26        | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1    |                      |      |
|            | C41        | CK73FBB1E474K | C CAPACITOR | 0.47uF 25V K | 1    |                      |      |
|            | C51        | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K | 1    |                      |      |
|            | C52        | CK730BS0J105K | C CAPACITOR | 1uF 6.3V K   | 1    |                      |      |
|            | C61        | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | C61        | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1    | K4                   |      |
|            | C101       | CK73FB1H334K  | C CAPACITOR | 0.33uF 50V K | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | C101       | NCB21HK-334X  | C CAPACITOR | 0.33uF 50V K | 1    | K4                   |      |
|            | C102       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K | 1    |                      |      |
|            | C112       | CK730BY1E106K | C CAPACITOR | 10uF 25V K   | 1    |                      |      |
|            | C118       | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | C118       | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1    | K4                   |      |
|            | C121       | QE20852-337Z  | E CAPACITOR | 330uF        | 1    |                      |      |
|            | C124       | CK730BW1C106K | C CAPACITOR | 10uF 16V K   | 1    |                      |      |
|            | C125       | CK73HBB1H102K | C CAPACITOR | 1000pF 50V K | 1    |                      |      |
|            | C126       | CK73HBB1H682K | C CAPACITOR | 6800pF 50V K | 1    |                      |      |
|            | C132       | CK730BY1E106K | C CAPACITOR | 10uF 25V K   | 1    |                      |      |
|            | C138       | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | C138       | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1    | K4                   |      |
|            | C141       | QE20852-337Z  | E CAPACITOR | 330uF        | 1    |                      |      |
|            | C144       | CK730BW1C106K | C CAPACITOR | 10uF 16V K   | 1    |                      |      |
|            | C145       | CK73HBB1H102K | C CAPACITOR | 1000pF 50V K | 1    |                      |      |
|            | C146       | CK73HBB1H682K | C CAPACITOR | 6800pF 50V K | 1    |                      |      |
|            | C151       | CK730BY1E106K | C CAPACITOR | 10uF 25V K   | 1    |                      |      |
|            | C152       | CK730BY1E106K | C CAPACITOR | 10uF 25V K   | 1    |                      |      |
|            | C153       | CK73HBB1H102K | C CAPACITOR | 1000pF 50V K | 1    |                      |      |
|            | C154       | CK73GBB1H103K | C CAPACITOR | 0.01uF 50V K | 1    |                      |      |
|            | C155       | CK73HBB1H681K | C CAPACITOR | 680pF 50V K  | 1    |                      |      |
|            | C161       | QE20854-107Z  | E CAPACITOR | 100uF        | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | C161       | CD04CZ1E101M  | E CAPACITOR | 100uF 25V M  | 1    | K4                   |      |
|            | C162       | CD04AZ1H220M  | E CAPACITOR | 22uF 50V M   | 1    |                      |      |
|            | C163       | CK730BY1E106K | C CAPACITOR | 10uF 25V K   | 1    |                      |      |
|            | C164       | CK73HBB1H821K | C CAPACITOR | 820pF 50V K  | 1    |                      |      |
|            | C165       | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | C165       | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1    | K4                   |      |
|            | C166       | CK73FBB1H224K | C CAPACITOR | 0.22uF 50V K | 1    |                      |      |
|            | C172       | CK730BY1E106K | C CAPACITOR | 10uF 25V K   | 1    |                      |      |
|            | C178       | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0         |      |
|            | C178       | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1    | K4                   |      |
|            | C181       | QE20852-337Z  | E CAPACITOR | 330uF        | 1    |                      |      |



| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe | Symbol No. | Parts No.     | Parts Name     | Description   | QTY | Local                                     |
|------|------------|---------------|----------------|---------------|-----|---|
|      | C184       | CK730BW1C106K | C CAPACITOR    | 10uF 16V K    | 1   |   |
|      | C185       | CK73HBB1H102K | C CAPACITOR    | 1000pF 50V K  | 1   |   |
|      | C186       | CK73HBB1H682K | C CAPACITOR    | 6800pF 50V K  | 1   |   |
|      | C200       | CD04BR1C330M  | E CAPACITOR    | 33uF 16V M    | 1   |   |
|      | C201       | CK73GBB1C224K | C CAPACITOR    | 0.22uF 16V K  | 1   |   |
|      | C202       | CK73GBB1C224K | C CAPACITOR    | 0.22uF 16V K  | 1   |   |
|      | C203       | CK73GBB1C224K | C CAPACITOR    | 0.22uF 16V K  | 1   |   |
|      | C204       | CK73GBB1C224K | C CAPACITOR    | 0.22uF 16V K  | 1   |   |
|      | C206       | DA2J101-X     | C CAPACITOR    | 1uF 16V K     | 1   | R2,K3,E3,Q2,R1,K2,E2<br>E1,Q1,K1,K0<br>K4 |
|      | C206       | NCB31CK-105X  | C CAPACITOR    | 1uF 16V K     | 1   |   |
|      | C221       | CK73HBB1H221K | C CAPACITOR    | 220pF 50V K   | 1   |   |
|      | C222       | CK73HBB1H221K | C CAPACITOR    | 220pF 50V K   | 1   |   |
|      | C223       | CK73HBB1H221K | C CAPACITOR    | 220pF 50V K   | 1   |   |
|      | C224       | CK73HBB1H221K | C CAPACITOR    | 220pF 50V K   | 1   |   |
|      | C225       | CK73HBB1H221K | C CAPACITOR    | 220pF 50V K   | 1   |   |
|      | C226       | CK73HBB1H221K | C CAPACITOR    | 220pF 50V K   | 1   |   |
|      | C227       | CK73HBB1H221K | C CAPACITOR    | 220pF 50V K   | 1   |   |
|      | C228       | CK73HBB1H221K | C CAPACITOR    | 220pF 50V K   | 1   |   |
|      | C241       | DA2J101-X     | C CAPACITOR    | 1uF 16V K     | 1   | R2,K3,E3,Q2,R1,K2,E2<br>E1,Q1,K1,K0<br>K4 |
|      | C241       | NCB31CK-105X  | C CAPACITOR    | 1uF 16V K     | 1   |   |
|      | C245       | DA2J101-X     | C CAPACITOR    | 1uF 16V K     | 1   | R2,K3,E3,Q2,R1,K2,E2<br>E1,Q1,K1,K0<br>K4 |
|      | C245       | NCB31CK-105X  | C CAPACITOR    | 1uF 16V K     | 1   |   |
|      | C251       | CK730DK1E106K | C CAPACITOR(2) |               | 1   |   |
|      | C252       | CK730DK1E106K | C CAPACITOR(2) |               | 1   |   |
|      | C253       | CK730DK1E106K | C CAPACITOR(2) |               | 1   |   |
|      | C254       | CK730DK1E106K | C CAPACITOR(2) |               | 1   |   |
|      | C255       | CK730DK1E106K | C CAPACITOR(2) |               | 1   |   |
|      | C271       | CK73HBB1H102K | C CAPACITOR    | 1000pF 50V K  | 1   |   |
|      | C272       | CK73HBB1H102K | C CAPACITOR    | 1000pF 50V K  | 1   |   |
|      | C273       | CK73HBB1H102K | C CAPACITOR    | 1000pF 50V K  | 1   |   |
|      | C274       | CK73HBB1H102K | C CAPACITOR    | 1000pF 50V K  | 1   |   |
|      | C275       | CK73HBB1H102K | C CAPACITOR    | 1000pF 50V K  | 1   |   |
|      | C291       | CK730DK1E106K | C CAPACITOR(2) |               | 1   |   |
|      | C292       | CK730DK1E106K | C CAPACITOR(2) |               | 1   |   |
|      | C295       | CK73GBB1H102K | C CAPACITOR    | 1000pF 50V K  | 1   |   |
|      | C296       | CK73GBB1H102K | C CAPACITOR    | 1000pF 50V K  | 1   |   |
|      | C301       | C90-6893-08   | E CAPACITOR    | 47uF 16V M    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>E1,Q1,K1,K0<br>K4 |
|      | C301       | QEKJ1CM-476Z  | E CAPACITOR    | 47uF 16V M    | 1   |   |
|      | C302       | CK73HBB1E103K | C CAPACITOR    | 0.01uF 25V K  | 1   |   |
|      | C303       | CK73HBB1E103K | C CAPACITOR    | 0.01uF 25V K  | 1   |   |
|      | C304       | C90-6893-08   | E CAPACITOR    | 47uF 16V M    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>E1,Q1,K1,K0<br>K4 |
|      | C304       | QEKJ1CM-476Z  | E CAPACITOR    | 47uF 16V M    | 1   |   |
|      | C305       | DA2J101-X     | C CAPACITOR    | 1uF 16V K     | 1   | R2,K3,E3,Q2,R1,K2,E2<br>E1,Q1,K1,K0<br>K4 |
|      | C305       | NCB31CK-105X  | C CAPACITOR    | 1uF 16V K     | 1   |   |
|      | C306       | DA2J101-X     | C CAPACITOR    | 1uF 16V K     | 1   | R2,K3,E3,Q2,R1,K2,E2<br>E1,Q1,K1,K0<br>K4 |
|      | C306       | NCB31CK-105X  | C CAPACITOR    | 1uF 16V K     | 1   |   |
|      | C307       | CK730AU0J474K | C CAPACITOR    | 0.47uF 6.3V K | 1   |   |
|      | C308       | DA2J101-X     | C CAPACITOR    | 1uF 16V K     | 1   | R2,K3,E3,Q2,R1,K2,E2<br>E1,Q1,K1,K0<br>K4 |
|      | C308       | NCB31CK-105X  | C CAPACITOR    | 1uF 16V K     | 1   |   |
|      | C309       | CK730AU0J474K | C CAPACITOR    | 0.47uF 6.3V K | 1   |   |
|      | C313       | CK730BU0J475K | C CAPACITOR    | 4.7uF 6.3V K  | 1   |   |
|      | C314       | CK730BU0J475K | C CAPACITOR    | 4.7uF 6.3V K  | 1   |   |
|      | C325       | DA2J101-X     | C CAPACITOR    | 1uF 16V K     | 1   | R2,K3,E3,Q2,R1,K2,E2<br>E1,Q1,K1,K0<br>K4 |
|      | C325       | NCB31CK-105X  | C CAPACITOR    | 1uF 16V K     | 1   |   |
|      | C326       | DA2J101-X     | C CAPACITOR    | 1uF 16V K     | 1   | R2,K3,E3,Q2,R1,K2,E2<br>E1,Q1,K1,K0<br>K4 |
|      | C326       | NCB31CK-105X  | C CAPACITOR    | 1uF 16V K     | 1   |   |
|      | C327       | DA2J101-X     | C CAPACITOR    | 1uF 16V K     | 1   | R2,K3,E3,Q2,R1,K2,E2<br>E1,Q1,K1,K0<br>K4 |
|      | C327       | NCB31CK-105X  | C CAPACITOR    | 1uF 16V K     | 1   |   |
|      | C401       | CC73GCH1H220J | C CAPACITOR    | 22pF 50V J    | 1   | R2,K3,E3,Q2,R1,K4,K2<br>E2,Q1             |
|      | C402       | CC73GCH1H060D | C CAPACITOR    | 6pF 50V D     | 1   | R2,K3,E3,Q2,R1,K4,K2<br>E2,Q1             |
|      | C406       | CK73GBB1H102K | C CAPACITOR    | 1000pF 50V K  | 1   | R2,K3,E3,Q2,R1,K4,K2<br>E2,Q1             |
|      | C407       | CK73GBB1H102K | C CAPACITOR    | 1000pF 50V K  | 1   | R2,K3,E3,Q2,R1,K4,K2<br>E2,Q1             |
|      | C411       | CC73GCH1H470J | C CAPACITOR    | 47pF 50V J    | 1   | R2,K3,E3,Q2,R1,K4,K2<br>E2,Q1             |
|      | C412       | CC73GCH1H030C | C CAPACITOR    | 3pF 50V C     | 1   | R2,K3,E3,Q2,R1,K4,K2<br>E2,Q1             |
|      | C415       | CK73GBB1H222K | C CAPACITOR    | 2200pF 50V K  | 1   | R2,K3,E3,Q2,R1,K4,K2<br>E2,Q1             |
|      | C416       | CC73GCH1H150J | C CAPACITOR    | 15pF 50V J    | 1   | R2,K3,E3,Q2,R1,K4,K2<br>E2,Q1             |
|      | C417       | CC73GCH1H060D | C CAPACITOR    | 6pF 50V D     | 1   | R2,K3,E3,Q2,R1,K4,K2<br>E2,Q1             |
|      | C418       | CC73GCH1H120J | C CAPACITOR    | 12pF 50V J    | 1   | R2,K3,E3,Q2,R1,K4,K2<br>E2,Q1             |
|      | C419       | CC73GCH1H080D | C CAPACITOR    | 8pF 50V D     | 1   | R2,K3,E3,Q2,R1,K4,K2<br>E2,Q1             |
|      | C420       | CC73GCH1H120J | C CAPACITOR    | 12pF 50V J    | 1   | R2,K3,E3,Q2,R1,K4,K2<br>E2,Q1             |

| MODEL      | MARK       | MODEL         | MARK        | MODEL        | MARK | MODEL                          | MARK |
|------------|------------|---------------|-------------|--------------|------|--------------------------------|------|
| DDX2071    | R2         | DDX271        | K3          | DDX3025      | E3   | DDX3055                        | Q2   |
| DDX3071BT  | R1         | DDX310BT      | K4          | DDX371       | K2   | DDX4025BT                      | E2   |
| DDX4025DAB | E1         | DDX4055BT     | Q1          | DDX471HD     | K1   | DDX491HD                       | K0   |
| Safe       | Symbol No. | Parts No.     | Parts Name  | Description  | QTY  | Local                          |      |
|            | C421       | CC73GCH1H080D | C CAPACITOR | 8pF 50V D    | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            | C422       | CC73GCH1H471J | C CAPACITOR | 470pF 50V J  | 1    | ,E2,Q1<br>R2,K3,E3,Q2,R1,K4,K2 |      |
|            | C423       | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1    | ,E2,Q1<br>R2,K3,E3,Q2,R1,K2,E2 |      |
|            | C423       | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1    | ,Q1<br>K4                      |      |
|            | C424       | CK73GBB1H102K | C CAPACITOR | 1000pF 50V K | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C425       | CK73GBB1H102K | C CAPACITOR | 1000pF 50V K | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C426       | DA2J101-X     | C CAPACITOR | 1uF 16V K    | 1    | R2,K3,E3,Q2,R1,K2,E2           |      |
|            |            |               |             |              |      | ,Q1                            |      |
|            | C426       | NCB31CK-105X  | C CAPACITOR | 1uF 16V K    | 1    | K4                             |      |
|            | C427       | CK730BW1C106K | C CAPACITOR | 10uF 16V K   | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C428       | CK73GBB1C224K | C CAPACITOR | 0.22uF 16V K | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C429       | CK73HBB1H332K | C CAPACITOR | 3300pF 50V K | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C430       | CK730BW1C106K | C CAPACITOR | 10uF 16V K   | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C432       | CK73GBB1H103K | C CAPACITOR | 0.01uF 50V K | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C433       | CK73GBB1H682K | C CAPACITOR | 6800pF 50V K | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C434       | CK73GBB1H103K | C CAPACITOR | 0.01uF 50V K | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C435       | CK73GBB1H682K | C CAPACITOR | 6800pF 50V K | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C436       | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C437       | CK730BW1C106K | C CAPACITOR | 10uF 16V K   | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C439       | CK730BU0J475K | C CAPACITOR | 4.7uF 6.3V K | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C440       | DA2J101-X     | C CAPACITOR | 1uF 16V K    | 1    | R2,K3,E3,Q2,R1,K2,E2           |      |
|            |            |               |             |              |      | ,Q1                            |      |
|            | C440       | NCB31CK-105X  | C CAPACITOR | 1uF 16V K    | 1    | K4                             |      |
|            | C441       | DA2J101-X     | C CAPACITOR | 1uF 16V K    | 1    | R2,K3,E3,Q2,R1,K2,E2           |      |
|            |            |               |             |              |      | ,Q1                            |      |
|            | C441       | NCB31CK-105X  | C CAPACITOR | 1uF 16V K    | 1    | K4                             |      |
|            | C444       | CC73GCH1H221J | C CAPACITOR | 220pF 50V J  | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C445       | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1    | R2,K3,E3,Q2,R1,K2,E2           |      |
|            |            |               |             |              |      | ,Q1                            |      |
|            | C445       | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1    | K4                             |      |
|            | C446       | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1    | R2,K3,E3,Q2,R1,K2,E2           |      |
|            |            |               |             |              |      | ,Q1                            |      |
|            | C446       | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1    | K4                             |      |
|            | C449       | CK730BW1C106K | C CAPACITOR | 10uF 16V K   | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C451       | DA2J101-X     | C CAPACITOR | 1uF 16V K    | 1    | R2,K3,E3,Q2,R1,K2,E2           |      |
|            |            |               |             |              |      | ,Q1                            |      |
|            | C451       | NCB31CK-105X  | C CAPACITOR | 1uF 16V K    | 1    | K4                             |      |
|            | C452       | DA2J101-X     | C CAPACITOR | 1uF 16V K    | 1    | R2,K3,E3,Q2,R1,K2,E2           |      |
|            |            |               |             |              |      | ,Q1                            |      |
|            | C452       | NCB31CK-105X  | C CAPACITOR | 1uF 16V K    | 1    | K4                             |      |
|            | C453       | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1    | R2,K3,E3,Q2,R1,K2,E2           |      |
|            |            |               |             |              |      | ,Q1                            |      |
|            | C453       | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1    | K4                             |      |
|            | C460       | DA2J101-X     | C CAPACITOR | 1uF 16V K    | 1    | R2,K3,E3,Q2,R1,K2,E2           |      |
|            |            |               |             |              |      | ,Q1                            |      |
|            | C460       | NCB31CK-105X  | C CAPACITOR | 1uF 16V K    | 1    | K4                             |      |
|            | C461       | CK730BW1C106K | C CAPACITOR | 10uF 16V K   | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C484       | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C485       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K | 1    | R2,K3,E3,Q2,R1,K4,K2           |      |
|            |            |               |             |              |      | ,E2,Q1                         |      |
|            | C501       | CD04BN1C221M  | E CAPACITOR | 220uF 16V M  | 1    | R2,K3,E3,Q2,R1,K2,E2           |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0                   |      |
|            | C501       | QETN1CM-227Z  | E CAPACITOR | 220uF 16V M  | 1    | K4                             |      |
|            | C503       | CK73FB0J106K  | C CAPACITOR | 10uF 6.3V K  | 1    | R2,K3,E3,Q2,R1,K2,E2           |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0                   |      |
|            | C503       | NCB20JK-106X  | C CAPACITOR | 10uF 6.3V K  | 1    | K4                             |      |
|            | C504       | CK73HBB1H222K | C CAPACITOR | 2200pF 50V K | 1    |                                |      |
|            | C505       | DA2J101-X     | C CAPACITOR | 1uF 16V K    | 1    | R2,K3,E3,Q2,R1,K2,E2           |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0                   |      |
|            | C505       | NCB31CK-105X  | C CAPACITOR | 1uF 16V K    | 1    | K4                             |      |
|            | C506       | DA2J101-X     | C CAPACITOR | 1uF 16V K    | 1    | R2,K3,E3,Q2,R1,K2,E2           |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0                   |      |
|            | C506       | NCB31CK-105X  | C CAPACITOR | 1uF 16V K    | 1    | K4                             |      |
|            | C507       | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1    |                                |      |
|            | C508       | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1    |                                |      |
|            | C509       | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1    | R2,K3,E3,Q2,R1,K2,E2           |      |
|            |            |               |             |              |      | ,E1,Q1,K1,K0                   |      |
|            | C509       | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1    | K4                             |      |
|            | C510       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K | 1    |                                |      |
|            | C511       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K | 1    |                                |      |
|            | C513       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K | 1    |                                |      |
|            | C516       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K | 1    |                                |      |
|            | C522       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K | 1    |                                |      |

| MODEL      | MARK       | MODEL         | MARK        | MODEL         | MARK | MODEL                                | MARK |
|------------|------------|---------------|-------------|---------------|------|--------------------------------------|------|
| DDX2071    | R2         | DDX271        | K3          | DDX3025       | E3   | DDX3055                              | Q2   |
| DDX3071BT  | R1         | DDX310BT      | K4          | DDX371        | K2   | DDX4025BT                            | E2   |
| DDX4025DAB | E1         | DDX4055BT     | Q1          | DDX471HD      | K1   | DDX491HD                             | K0   |
| Safe       | Symbol No. | Parts No.     | Parts Name  | Description   | QTY  | Local                                |      |
|            | C523       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    |                                      |      |
|            | C524       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    |                                      |      |
|            | C525       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    |                                      |      |
|            | C527       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    |                                      |      |
|            | C530       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    |                                      |      |
|            | C531       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    |                                      |      |
|            | C532       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    |                                      |      |
|            | C533       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    |                                      |      |
|            | C535       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    |                                      |      |
|            | C536       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    |                                      |      |
|            | C537       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    |                                      |      |
|            | C541       | DA2J101-X     | C CAPACITOR | 1uF 16V K     | 1    | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |      |
|            | C541       | NCB31CK-105X  | C CAPACITOR | 1uF 16V K     | 1    | K4                                   |      |
|            | C542       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    |                                      |      |
|            | C544       | CK73HBB1H102K | C CAPACITOR | 1000pF 50V K  | 1    |                                      |      |
|            | C551       | CC73HCH1H100D | C CAPACITOR | 10pF 50V D    | 1    |                                      |      |
|            | C552       | CC73HCH1H100D | C CAPACITOR | 10pF 50V D    | 1    |                                      |      |
|            | C561       | CC73GCH1H220J | C CAPACITOR | 22pF 50V J    | 1    |                                      |      |
|            | C562       | CC73GCH1H220J | C CAPACITOR | 22pF 50V J    | 1    |                                      |      |
|            | C571       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    |                                      |      |
|            | C591       | DA2J101-X     | E CAPACITOR | 100uF 16V M   | 1    | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |      |
|            | C591       | QETN1CM-107Z  | E CAPACITOR | 100uF 16V M   | 1    | K4                                   |      |
|            | C592       | CK73FB0J106K  | C CAPACITOR | 10uF 6.3V K   | 1    | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |      |
|            | C592       | NCB20JK-106X  | C CAPACITOR | 10uF 6.3V K   | 1    | K4                                   |      |
|            | C593       | DA2J101-X     | C CAPACITOR | 1uF 16V K     | 1    | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |      |
|            | C593       | NCB31CK-105X  | C CAPACITOR | 1uF 16V K     | 1    | K4                                   |      |
|            | C611       | CK73HBB1C103K | C CAPACITOR | 0.01uF 16V K  | 1    |                                      |      |
|            | C612       | CK73HBB1C103K | C CAPACITOR | 0.01uF 16V K  | 1    |                                      |      |
|            | C651       | DA2J101-X     | E CAPACITOR | 100uF 16V M   | 1    | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |      |
|            | C651       | QETN1CM-107Z  | E CAPACITOR | 100uF 16V M   | 1    | K4                                   |      |
|            | C652       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    |                                      |      |
|            | C653       | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K   | 1    |                                      |      |
|            | C654       | CK730BU0J106M | C CAPACITOR | 10uF 6.3V M   | 1    |                                      |      |
|            | C655       | CK730BU0J106M | C CAPACITOR | 10uF 6.3V M   | 1    |                                      |      |
|            | C656       | CK730BU0J106M | C CAPACITOR | 10uF 6.3V M   | 1    |                                      |      |
|            | C671       | CK73HBB1H222K | C CAPACITOR | 2200pF 50V K  | 1    |                                      |      |
|            | C672       | CK73HBB1H222K | C CAPACITOR | 2200pF 50V K  | 1    |                                      |      |
|            | C673       | CK73HBB1H222K | C CAPACITOR | 2200pF 50V K  | 1    |                                      |      |
|            | C674       | CK73HBB1H222K | C CAPACITOR | 2200pF 50V K  | 1    |                                      |      |
|            | C682       | CK73HBB1C103K | C CAPACITOR | 0.01uF 16V K  | 1    |                                      |      |
|            | C693       | CK73GBB1H103K | C CAPACITOR | 0.01uF 50V K  | 1    |                                      |      |
|            | C701       | DA2J101-X     | C CAPACITOR | 1uF 16V K     | 1    | K3,K2,K1,K0                          |      |
|            | C701       | NCB31CK-105X  | C CAPACITOR | 1uF 16V K     | 1    | K4                                   |      |
|            | C702       | DA2J101-X     | C CAPACITOR | 1uF 16V K     | 1    | K3,K2,K1,K0                          |      |
|            | C702       | NCB31CK-105X  | C CAPACITOR | 1uF 16V K     | 1    | K4                                   |      |
|            | C703       | CK730BU0J106M | C CAPACITOR | 10uF 6.3V M   | 1    | K3,K4,K2,K1,K0                       |      |
|            | C711       | CK73HBB1C104K | C CAPACITOR | 0.1uF 16V K   | 1    | K3,K4,K2,K1,K0                       |      |
|            | C721       | CK73HBB1C104K | C CAPACITOR | 0.1uF 16V K   | 1    | K3,E3,Q2,K4,K2,E2,E1<br>,Q1,K1,K0    |      |
|            | C731       | CK730BS0J105K | C CAPACITOR | 1uF 6.3V K    | 1    | E3,Q2,E2,E1,Q1                       |      |
|            | C732       | CK730BS0J105K | C CAPACITOR | 1uF 6.3V K    | 1    | E3,Q2,E2,E1,Q1                       |      |
|            | C733       | CK730BS0J105K | C CAPACITOR | 1uF 6.3V K    | 1    | E3,Q2,E2,E1,Q1                       |      |
|            | C734       | CK730BS0J105K | C CAPACITOR | 1uF 6.3V K    | 1    | E3,Q2,E2,E1,Q1                       |      |
|            | C735       | CK730BS0J105K | C CAPACITOR | 1uF 6.3V K    | 1    | E3,Q2,E2,E1,Q1                       |      |
|            | C736       | CK730BS0J105K | C CAPACITOR | 1uF 6.3V K    | 1    | E3,Q2,E2,E1,Q1                       |      |
|            | C737       | CK730BU0J106M | C CAPACITOR | 10uF 6.3V M   | 1    |                                      |      |
|            | C738       | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K   | 1    | E3,Q2,E2,E1,Q1                       |      |
|            | C741       | CK730BU0J475K | C CAPACITOR | 4.7uF 6.3V K  | 1    | E3,Q2,E2,E1,Q1                       |      |
|            | C745       | CK730BU0J106M | C CAPACITOR | 10uF 6.3V M   | 1    | E3,Q2,E2,E1,Q1                       |      |
|            | C751       | CC73HCH1H331J | C CAPACITOR | 330pF 50V J   | 1    |                                      |      |
|            | C752       | CC73HCH1H331J | C CAPACITOR | 330pF 50V J   | 1    |                                      |      |
|            | C753       | CK73HBB1C103K | C CAPACITOR | 0.01uF 16V K  | 1    |                                      |      |
|            | C801       | DA2J101-X     | C CAPACITOR | 1uF 16V K     | 1    | E1                                   |      |
|            | C802       | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K   | 1    | E1                                   |      |
|            | C803       | CK730AU0J474K | C CAPACITOR | 0.47uF 6.3V K | 1    | E1                                   |      |
|            | C811       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    | E1                                   |      |
|            | C851       | DA2J101-X     | C CAPACITOR | 1uF 16V K     | 1    | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |      |
|            | C851       | NCB31CK-105X  | C CAPACITOR | 1uF 16V K     | 1    | K4                                   |      |
|            | C852       | DA2J101-X     | C CAPACITOR | 1uF 16V K     | 1    | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |      |
|            | C852       | NCB31CK-105X  | C CAPACITOR | 1uF 16V K     | 1    | K4                                   |      |
|            | C853       | CK73GBB1H103K | C CAPACITOR | 0.01uF 50V K  | 1    |                                      |      |
|            | C854       | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K   | 1    | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |      |
|            | C854       | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K   | 1    | K4                                   |      |
|            | C855       | CK730BU0J106M | C CAPACITOR | 10uF 6.3V M   | 1    |                                      |      |
|            | C856       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    | E1                                   |      |
|            | C857       | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K   | 1    | E1                                   |      |
|            | C861       | CK73HBB1E103K | C CAPACITOR | 0.01uF 25V K  | 1    | E1,K1,K0                             |      |
|            | C862       | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K   | 1    | E1,K1,K0                             |      |
|            | C951       | DA2J101-X     | C CAPACITOR | 1uF 16V K     | 1    | E3,Q2,E2,E1,Q1                       |      |
|            | C952       | DA2J101-X     | C CAPACITOR | 1uF 16V K     | 1    | E3,Q2,E2,E1,Q1                       |      |
|            | C2011      | CC73HCH1H030C | C CAPACITOR | 3pF 50V C     | 1    |                                      |      |
|            | C2012      | CC73HCH1H070D | C CAPACITOR | 7pF 50V D     | 1    |                                      |      |
|            | C2013      | CC73HCH1H100D | C CAPACITOR | 10pF 50V D    | 1    |                                      |      |
|            | R11        | RK73GH2A562D  | MG RESISTOR | 5.6kΩ 1/10W D | 1    |                                      |      |

| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe | Symbol No. | Parts No.     | Parts Name  | Description   | QTY | Local                |
|------|------------|---------------|-------------|---------------|-----|----------------------|
|      | R12        | RK73GH2A431D  | MG RESISTOR | 430Ω 1/10W D  | 1   |                      |
|      | R13        | RK73GH2A751D  | MG RESISTOR | 750Ω 1/10W D  | 1   |                      |
|      | R15        | RK73GH2A273D  | MG RESISTOR | 27kΩ 1/10W D  | 1   |                      |
|      | R16        | RK73GB2A000J  | MG RESISTOR | 0Ω 1/10W J    | 1   |                      |
|      | R17        | RK73GH2A472D  | MG RESISTOR | 4.7kΩ 1/10W D | 1   |                      |
|      | R18        | RK73HB1J101J  | MG RESISTOR | 100Ω 1/16W J  | 1   |                      |
|      | R19        | RK73HB1J000J  | MG RESISTOR | 0Ω 1/16W J    | 1   |                      |
|      | R23        | RK73FB2B000J  | MG RESISTOR | 0Ω 1/8W J     | 1   |                      |
|      | R24        | RK73FB2B000J  | MG RESISTOR | 0Ω 1/8W J     | 1   |                      |
|      | R26        | RK73FB2B000J  | MG RESISTOR | 0Ω 1/8W J     | 1   |                      |
|      | R27        | RK73FB2B000J  | MG RESISTOR | 0Ω 1/8W J     | 1   |                      |
|      | R31        | RK73GB2A683J  | MG RESISTOR | 68kΩ 1/10W J  | 1   |                      |
|      | R32        | RK73GB2A473J  | MG RESISTOR | 47kΩ 1/10W J  | 1   |                      |
|      | R33        | RK73HB1J153J  | MG RESISTOR | 15kΩ 1/16W J  | 1   |                      |
|      | R34        | RK73HB1J473J  | MG RESISTOR | 47kΩ 1/16W J  | 1   |                      |
|      | R35        | RK73HB1J103J  | MG RESISTOR | 10kΩ 1/16W J  | 1   |                      |
|      | R36        | RK73HB1J912J  | MG RESISTOR | 9.1kΩ 1/16W J | 1   |                      |
|      | R41        | RK73EB2E153J  | MG RESISTOR | 15kΩ 1/4W J   | 1   |                      |
|      | R44        | RK73HB1J822J  | MG RESISTOR | 8.2kΩ 1/16W J | 1   |                      |
|      | R45        | RK73EB2E102J  | MG RESISTOR | 1kΩ 1/4W J    | 1   |                      |
|      | R46        | RK73EB2E102J  | MG RESISTOR | 1kΩ 1/4W J    | 1   |                      |
|      | R47        | RK73EB2E102J  | MG RESISTOR | 1kΩ 1/4W J    | 1   |                      |
|      | R51        | RK73GB2A223J  | MG RESISTOR | 22kΩ 1/10W J  | 1   |                      |
|      | R52        | RK73GB2A472J  | MG RESISTOR | 4.7kΩ 1/10W J | 1   |                      |
|      | R53        | RK73GB2A472J  | MG RESISTOR | 4.7kΩ 1/10W J | 1   |                      |
|      | R54        | RK73HB1J333J  | MG RESISTOR | 33kΩ 1/16W J  | 1   |                      |
|      | R55        | RK73HB1J223J  | MG RESISTOR | 22kΩ 1/16W J  | 1   |                      |
|      | R61        | RK73HB1J123J  | MG RESISTOR | 12kΩ 1/16W J  | 1   |                      |
|      | R62        | RK73HB1J683J  | MG RESISTOR | 68kΩ 1/16W J  | 1   |                      |
|      | R63        | RK73HB1J103J  | MG RESISTOR | 10kΩ 1/16W J  | 1   |                      |
|      | R71        | RK73GB2A152J  | MG RESISTOR | 1.5kΩ 1/10W J | 1   |                      |
|      | R80        | RK73HB1J000J  | MG RESISTOR | 0Ω 1/16W J    | 1   | E3,Q2,E2,E1,Q1       |
|      | R81        | RK73FB2B472J  | MG RESISTOR | 4.7kΩ 1/8W J  | 1   |                      |
|      | R82        | RK73FB2B472J  | MG RESISTOR | 4.7kΩ 1/8W J  | 1   | R2,K3,R1,K4,K2,K1,K0 |
|      | R101       | RK73HB1J223J  | MG RESISTOR | 22kΩ 1/16W J  | 1   |                      |
|      | R102       | RK73HB1J103J  | MG RESISTOR | 10kΩ 1/16W J  | 1   |                      |
|      | R103       | RK73HB1J471J  | MG RESISTOR | 470Ω 1/16W J  | 1   |                      |
|      | R104       | RK73HB1J103J  | MG RESISTOR | 10kΩ 1/16W J  | 1   |                      |
|      | R105       | RK73HB1J472J  | MG RESISTOR | 4.7kΩ 1/16W J | 1   |                      |
|      | R111       | RK73HB1J101J  | MG RESISTOR | 100Ω 1/16W J  | 1   |                      |
|      | R112       | RK73HB1J470J  | MG RESISTOR | 47Ω 1/16W J   | 1   |                      |
|      | R113       | RK73HB1J473J  | MG RESISTOR | 47kΩ 1/16W J  | 1   |                      |
|      | R120       | RK73GB2A000J  | MG RESISTOR | 0Ω 1/10W J    | 1   |                      |
|      | R121       | RK73HH1J623D  | MG RESISTOR | 62kΩ 1/16W D  | 1   |                      |
|      | R122       | RK73HH1J273D  | MG RESISTOR | 27kΩ 1/16W D  | 1   |                      |
|      | R123       | RK73HB1J000J  | MG RESISTOR | 0Ω 1/16W J    | 1   |                      |
|      | R124       | RK73HB1J103J  | MG RESISTOR | 10kΩ 1/16W J  | 1   |                      |
|      | R125       | RK73PB2H100J  | MG RESISTOR | 10Ω 1/2W J    | 1   |                      |
|      | R126       | RK73HB1J223J  | MG RESISTOR | 22kΩ 1/16W J  | 1   |                      |
|      | R131       | RK73HB1J101J  | MG RESISTOR | 100Ω 1/16W J  | 1   |                      |
|      | R132       | RK73HB1J470J  | MG RESISTOR | 47Ω 1/16W J   | 1   |                      |
|      | R133       | RK73HB1J473J  | MG RESISTOR | 47kΩ 1/16W J  | 1   |                      |
|      | R140       | RK73GB2A000J  | MG RESISTOR | 0Ω 1/10W J    | 1   |                      |
|      | R141       | RK73HH1J124D  | MG RESISTOR | 120kΩ 1/16W D | 1   |                      |
|      | R142       | RK73HH1J303D  | MG RESISTOR | 30kΩ 1/16W D  | 1   |                      |
|      | R143       | RK73HB1J000J  | MG RESISTOR | 0Ω 1/16W J    | 1   |                      |
|      | R144       | RK73HB1J103J  | MG RESISTOR | 10kΩ 1/16W J  | 1   |                      |
|      | R145       | RK73PB2H100J  | MG RESISTOR | 10Ω 1/2W J    | 1   |                      |
|      | R146       | RK73HB1J223J  | MG RESISTOR | 22kΩ 1/16W J  | 1   |                      |
|      | R150       | RK73GB2A000J  | MG RESISTOR | 0Ω 1/10W J    | 1   |                      |
|      | R151       | RK73HB1J101J  | MG RESISTOR | 100Ω 1/16W J  | 1   |                      |
|      | R152       | RK73HH1J563D  | MG RESISTOR | 56kΩ 1/16W D  | 1   |                      |
|      | R153       | RK73PB2H100J  | MG RESISTOR | 10Ω 1/2W J    | 1   |                      |
|      | R154       | RK73HH1J472D  | MG RESISTOR | 4.7kΩ 1/16W D | 1   |                      |
|      | R155       | RK73HH1J103D  | MG RESISTOR | 10kΩ 1/16W D  | 1   |                      |
|      | R156       | RK73HB1J000J  | MG RESISTOR | 0Ω 1/16W J    | 1   |                      |
|      | R157       | RK73HH1J164D  | MG RESISTOR | 160kΩ 1/16W D | 1   |                      |
|      | R158       | RK73EB2E560J  | MG RESISTOR | 56Ω 1/4W J    | 1   |                      |
|      | R160       | RK73GB2A000J  | MG RESISTOR | 0Ω 1/10W J    | 1   |                      |
|      | R161       | RK73HH1J104D  | MG RESISTOR | 100kΩ 1/16W D | 1   |                      |
|      | R162       | RK73HH1J563D  | MG RESISTOR | 56kΩ 1/16W D  | 1   |                      |
|      | R163       | RK73HB1J000J  | MG RESISTOR | 0Ω 1/16W J    | 1   |                      |
|      | R164       | RK73HB1J000J  | MG RESISTOR | 0Ω 1/16W J    | 1   |                      |
|      | R165       | NRZ0126-R062X | MG RESISTOR | 0.062Ω        | 1   |                      |
|      | R171       | RK73HB1J101J  | MG RESISTOR | 100Ω 1/16W J  | 1   |                      |
|      | R172       | RK73HB1J470J  | MG RESISTOR | 47Ω 1/16W J   | 1   |                      |
|      | R173       | RK73HB1J473J  | MG RESISTOR | 47kΩ 1/16W J  | 1   |                      |
|      | R181       | RK73HH1J104D  | MG RESISTOR | 100kΩ 1/16W D | 1   |                      |
|      | R182       | RK73HH1J243D  | MG RESISTOR | 24kΩ 1/16W D  | 1   |                      |
|      | R183       | RK73HB1J000J  | MG RESISTOR | 0Ω 1/16W J    | 1   |                      |
|      | R184       | RK73HB1J103J  | MG RESISTOR | 10kΩ 1/16W J  | 1   |                      |
|      | R185       | RK73PB2H100J  | MG RESISTOR | 10Ω 1/2W J    | 1   |                      |
|      | R186       | RK73HB1J223J  | MG RESISTOR | 22kΩ 1/16W J  | 1   |                      |
|      | R187       | RK73HB1J223J  | MG RESISTOR | 22kΩ 1/16W J  | 1   |                      |
|      | R188       | RK73HB1J103J  | MG RESISTOR | 10kΩ 1/16W J  | 1   |                      |
|      | R205       | RK73HB1J6R8J  | MG RESISTOR | 6.8Ω 1/16W J  | 1   |                      |
|      | R240       | RK73HB1J000J  | MG RESISTOR | 0Ω 1/16W J    | 1   |                      |
|      | R241       | RK73GB2A223J  | MG RESISTOR | 22kΩ 1/10W J  | 1   |                      |
|      | R242       | RK73HB1J331J  | MG RESISTOR | 330Ω 1/16W J  | 1   |                      |
|      | R243       | RK73HB1J223J  | MG RESISTOR | 22kΩ 1/16W J  | 1   |                      |
|      | R244       | RK73HB1J182J  | MG RESISTOR | 1.8kΩ 1/16W J | 1   |                      |

| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe | Symbol No. | Parts No.    | Parts Name  | Description  | QTY | Local                          |
|------|------------|--------------|-------------|--------------|-----|--------------------------------|
|      | R245       | RK73HB1J333J | MG RESISTOR | 33kΩ 1/16W J | 1   |                                |
|      | R246       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J   | 1   |                                |
|      | R248       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J   | 1   |                                |
|      | R251       | RK73HB1J471J | MG RESISTOR | 470Ω 1/16W J | 1   |                                |
|      | R252       | RK73HB1J471J | MG RESISTOR | 470Ω 1/16W J | 1   |                                |
|      | R253       | RK73HB1J471J | MG RESISTOR | 470Ω 1/16W J | 1   |                                |
|      | R254       | RK73HB1J471J | MG RESISTOR | 470Ω 1/16W J | 1   |                                |
|      | R255       | RK73HB1J471J | MG RESISTOR | 470Ω 1/16W J | 1   |                                |
|      | R261       | RK73HB1J223J | MG RESISTOR | 22kΩ 1/16W J | 1   |                                |
|      | R262       | RK73HB1J223J | MG RESISTOR | 22kΩ 1/16W J | 1   |                                |
|      | R263       | RK73HB1J223J | MG RESISTOR | 22kΩ 1/16W J | 1   |                                |
|      | R264       | RK73HB1J223J | MG RESISTOR | 22kΩ 1/16W J | 1   |                                |
|      | R265       | RK73HB1J223J | MG RESISTOR | 22kΩ 1/16W J | 1   |                                |
|      | R271       | RK73GB2A101J | MG RESISTOR | 100Ω 1/10W J | 1   |                                |
|      | R272       | RK73GB2A101J | MG RESISTOR | 100Ω 1/10W J | 1   |                                |
|      | R273       | RK73GB2A101J | MG RESISTOR | 100Ω 1/10W J | 1   |                                |
|      | R274       | RK73GB2A101J | MG RESISTOR | 100Ω 1/10W J | 1   |                                |
|      | R275       | RK73GB2A101J | MG RESISTOR | 100Ω 1/10W J | 1   |                                |
|      | R281       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J   | 1   |                                |
|      | R282       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J   | 1   |                                |
|      | R283       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J   | 1   |                                |
|      | R284       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J   | 1   |                                |
|      | R285       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J   | 1   |                                |
|      | R291       | RK73HB1J471J | MG RESISTOR | 470Ω 1/16W J | 1   |                                |
|      | R292       | RK73HB1J471J | MG RESISTOR | 470Ω 1/16W J | 1   |                                |
|      | R293       | RK73GB2A223J | MG RESISTOR | 22kΩ 1/10W J | 1   |                                |
|      | R294       | RK73GB2A223J | MG RESISTOR | 22kΩ 1/10W J | 1   |                                |
|      | R295       | RK73GB2A101J | MG RESISTOR | 100Ω 1/10W J | 1   |                                |
|      | R296       | RK73GB2A101J | MG RESISTOR | 100Ω 1/10W J | 1   |                                |
|      | R297       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J | 1   |                                |
|      | R301       | RK73GB2A2R2J | MG RESISTOR | 2.2Ω 1/10W J | 1   |                                |
|      | R302       | RK73HB1J102J | MG RESISTOR | 1kΩ 1/16W J  | 1   |                                |
|      | R304       | RK73HB1J103J | MG RESISTOR | 10kΩ 1/16W J | 1   |                                |
|      | R305       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J | 1   |                                |
|      | R306       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J | 1   |                                |
|      | R307       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J | 1   |                                |
|      | R401       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R402       | RK73GB2A105J | MG RESISTOR | 1MΩ 1/16W J  | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R403       | RK73GB2A471J | MG RESISTOR | 470Ω 1/16W J | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R404       | RK73GB2A271J | MG RESISTOR | 270Ω 1/16W J | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R405       | RK73GB2A105J | MG RESISTOR | 1MΩ 1/16W J  | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R407       | RK73GB2A105J | MG RESISTOR | 1MΩ 1/16W J  | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R408       | RK73GB2A105J | MG RESISTOR | 1MΩ 1/16W J  | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R409       | RK73GB2A102J | MG RESISTOR | 1kΩ 1/16W J  | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R410       | RK73GB2A102J | MG RESISTOR | 1kΩ 1/16W J  | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R411       | RK73GB2A120J | MG RESISTOR | 12Ω 1/16W J  | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R442       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R443       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R444       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R450       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R451       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R452       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R453       | RK73GB2A101J | MG RESISTOR | 100Ω 1/16W J | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R454       | RK73GB2A101J | MG RESISTOR | 100Ω 1/16W J | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R457       | RK73GB2A470J | MG RESISTOR | 47Ω 1/16W J  | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R460       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R461       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R462       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R463       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R464       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R465       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R466       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R467       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J   | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R468       | RK73HB1J103J | MG RESISTOR | 10kΩ 1/16W J | 1   | R2,K3,E3,Q2,R1,K4,K2<br>,E2,Q1 |
|      | R501       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J | 1   |                                |



| MODEL      | MARK       | MODEL        | MARK        | MODEL         | MARK | MODEL                            | MARK |
|------------|------------|--------------|-------------|---------------|------|----------------------------------|------|
| DDX2071    | R2         | DDX271       | K3          | DDX3025       | E3   | DDX3055                          | Q2   |
| DDX3071BT  | R1         | DDX310BT     | K4          | DDX371        | K2   | DDX4025BT                        | E2   |
| DDX4025DAB | E1         | DDX4055BT    | Q1          | DDX471HD      | K1   | DDX491HD                         | K0   |
| Safe       | Symbol No. | Parts No.    | Parts Name  | Description   | QTY  | Local                            |      |
|            | R502       | RK73HB1J102J | MG RESISTOR | 1kΩ 1/16W J   | 1    |                                  |      |
|            | R503       | RK73HB1J123J | MG RESISTOR | 12kΩ 1/16W J  | 1    | R2,K3,E3,Q2                      |      |
|            | R503       | RK73HB1J153J | MG RESISTOR | 15kΩ 1/16W J  | 1    | R1,K4,K2,E2,E1,Q1,K1,K0          |      |
|            | R504       | RK73GB2A154J | MG RESISTOR | 150kΩ 1/10W J | 1    |                                  |      |
|            | R505       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R506       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R507       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R509       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    |                                  |      |
|            | R510       | RK73HB1J472J | MG RESISTOR | 4.7kΩ 1/16W J | 1    |                                  |      |
|            | R512       | RK73HB1J123J | MG RESISTOR | 12kΩ 1/16W J  | 1    |                                  |      |
|            | R513       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | K0                               |      |
|            | R514       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | R2,K3,E3,Q2,R1,K4,K2,E2,E1,Q1,K1 |      |
|            | R515       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | E1,K1,K0                         |      |
|            | R516       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | R2,K3,E3,Q2,R1,K4,K2,E2,E1,Q1    |      |
|            | R519       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R520       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R521       | RK73HB1J123J | MG RESISTOR | 12kΩ 1/16W J  | 1    | R2,E3,Q2,R1,E2,E1,Q1             |      |
|            | R522       | RK73HB1J152J | MG RESISTOR | 1.5kΩ 1/16W J | 1    | R2,R1                            |      |
|            | R522       | RK73HB1J123J | MG RESISTOR | 12kΩ 1/16W J  | 1    | K3,K4,K2,K1,K0                   |      |
|            | R522       | RK73HB1J332J | MG RESISTOR | 3.3kΩ 1/16W J | 1    | E3,E2,E1                         |      |
|            | R522       | RK73HB1J622J | MG RESISTOR | 6.2kΩ 1/16W J | 1    | Q2,Q1                            |      |
|            | R523       | RK73HB1J123J | MG RESISTOR | 12kΩ 1/16W J  | 1    |                                  |      |
|            | R524       | RK73HB1J433J | MG RESISTOR | 43kΩ 1/16W J  | 1    |                                  |      |
|            | R526       | RK73HB1J123J | MG RESISTOR | 12kΩ 1/16W J  | 1    |                                  |      |
|            | R527       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R529       | RK73HB1J106J | MG RESISTOR | 10MΩ 1/16W J  | 1    |                                  |      |
|            | R531       | RK73HB1J102J | MG RESISTOR | 1kΩ 1/16W J   | 1    |                                  |      |
|            | R532       | RK73HB1J102J | MG RESISTOR | 1kΩ 1/16W J   | 1    |                                  |      |
|            | R533       | RK73HB1J123J | MG RESISTOR | 12kΩ 1/16W J  | 1    |                                  |      |
|            | R534       | RK73HB1J123J | MG RESISTOR | 12kΩ 1/16W J  | 1    |                                  |      |
|            | R535       | RK73HB1J102J | MG RESISTOR | 1kΩ 1/16W J   | 1    |                                  |      |
|            | R536       | RK73HB1J102J | MG RESISTOR | 1kΩ 1/16W J   | 1    |                                  |      |
|            | R537       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R538       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R539       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R540       | RK73HB1J474J | MG RESISTOR | 470kΩ 1/16W J | 1    |                                  |      |
|            | R541       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | R2,E3,Q2,R1,E2,E1,Q1             |      |
|            | R542       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | K3,K4,K2,K1,K0                   |      |
|            | R545       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R546       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R547       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R548       | RK73HB1J104J | MG RESISTOR | 100kΩ 1/16W J | 1    |                                  |      |
|            | R549       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R550       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R551       | RK73HB1J103J | MG RESISTOR | 10kΩ 1/16W J  | 1    |                                  |      |
|            | R552       | RK73HB1J223J | MG RESISTOR | 22kΩ 1/16W J  | 1    |                                  |      |
|            | R553       | RK73HB1J223J | MG RESISTOR | 22kΩ 1/16W J  | 1    |                                  |      |
|            | R554       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R555       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R556       | RK73HB1J222J | MG RESISTOR | 2.2kΩ 1/16W J | 1    |                                  |      |
|            | R557       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R558       | RK73GB2A104J | MG RESISTOR | 100kΩ 1/10W J | 1    |                                  |      |
|            | R559       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R561       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R562       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R563       | RK73HB1J104J | MG RESISTOR | 100kΩ 1/16W J | 1    |                                  |      |
|            | R564       | RK73HB1J222J | MG RESISTOR | 2.2kΩ 1/16W J | 1    |                                  |      |
|            | R565       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R566       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R570       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R571       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R572       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R573       | RK73HB1J472J | MG RESISTOR | 4.7kΩ 1/16W J | 1    |                                  |      |
|            | R574       | RK73HB1J472J | MG RESISTOR | 4.7kΩ 1/16W J | 1    |                                  |      |
|            | R575       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R576       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R578       | RK73HB1J472J | MG RESISTOR | 4.7kΩ 1/16W J | 1    |                                  |      |
|            | R579       | RK73HB1J472J | MG RESISTOR | 4.7kΩ 1/16W J | 1    |                                  |      |
|            | R581       | RK73HB1J470J | MG RESISTOR | 47Ω 1/16W J   | 1    |                                  |      |
|            | R582       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R583       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R584       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R585       | RK73HB1J123J | MG RESISTOR | 12kΩ 1/16W J  | 1    |                                  |      |
|            | R586       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R587       | RK73HB1J153J | MG RESISTOR | 15kΩ 1/16W J  | 1    |                                  |      |
|            | R588       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                                  |      |
|            | R589       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R591       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J    | 1    |                                  |      |
|            | R592       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R593       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    |                                  |      |
|            | R611       | RK73HB1J333J | MG RESISTOR | 33kΩ 1/16W J  | 1    |                                  |      |
|            | R612       | RK73HB1J333J | MG RESISTOR | 33kΩ 1/16W J  | 1    |                                  |      |
|            | R621       | RK73HB1J470J | MG RESISTOR | 47Ω 1/16W J   | 1    |                                  |      |
|            | R622       | RK73HB1J470J | MG RESISTOR | 47Ω 1/16W J   | 1    |                                  |      |
|            | R623       | RK73HB1J470J | MG RESISTOR | 47Ω 1/16W J   | 1    |                                  |      |
|            | R661       | RK73HH1J151D | MG RESISTOR | 150Ω 1/16W D  | 1    |                                  |      |
|            | R662       | RK73HH1J151D | MG RESISTOR | 150Ω 1/16W D  | 1    |                                  |      |
|            | R663       | RK73HH1J151D | MG RESISTOR | 150Ω 1/16W D  | 1    |                                  |      |

| MODEL      | MARK       | MODEL        | MARK        | MODEL         | MARK | MODEL                         | MARK |
|------------|------------|--------------|-------------|---------------|------|-------------------------------|------|
| DDX2071    | R2         | DDX271       | K3          | DDX3025       | E3   | DDX3055                       | Q2   |
| DDX3071BT  | R1         | DDX310BT     | K4          | DDX371        | K2   | DDX4025BT                     | E2   |
| DDX4025DAB | E1         | DDX4055BT    | Q1          | DDX471HD      | K1   | DDX491HD                      | K0   |
| Safe       | Symbol No. | Parts No.    | Parts Name  | Description   | QTY  | Local                         |      |
|            | R664       | RK73HH1J151D | MG RESISTOR | 150Ω 1/16W D  | 1    |                               |      |
|            | R671       | RK73HB1J221J | MG RESISTOR | 220Ω 1/16W J  | 1    |                               |      |
|            | R672       | RK73HB1J221J | MG RESISTOR | 220Ω 1/16W J  | 1    |                               |      |
|            | R673       | RK73HB1J221J | MG RESISTOR | 220Ω 1/16W J  | 1    |                               |      |
|            | R674       | RK73HB1J221J | MG RESISTOR | 220Ω 1/16W J  | 1    |                               |      |
|            | R681       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    |                               |      |
|            | R682       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    |                               |      |
|            | R683       | RK73GB2A751J | MG RESISTOR | 750Ω 1/10W J  | 1    |                               |      |
|            | R701       | RK73GB2A100J | MG RESISTOR | 10Ω 1/16W J   | 1    | K3,K4,K2,K1,K0                |      |
|            | R702       | RK73GB2A100J | MG RESISTOR | 10Ω 1/16W J   | 1    | K3,K4,K2,K1,K0                |      |
|            | R703       | RK73GB2A4R7J | MG RESISTOR | 4.7Ω 1/16W J  | 1    | K3,K4,K2,K1,K0                |      |
|            | R704       | RK73GB2A102J | MG RESISTOR | 1kΩ 1/16W J   | 1    | K3,K4,K2,K1,K0                |      |
|            | R707       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    | K3,K4,K2,K1,K0                |      |
|            | R708       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    | K3,K4,K2,K1,K0                |      |
|            | R709       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    | K3,K4,K2,K1,K0                |      |
|            | R711       | RK73GB2A101J | MG RESISTOR | 100Ω 1/16W J  | 1    | K3,K4,K2,K1,K0                |      |
|            | R712       | RK73GB2A101J | MG RESISTOR | 100Ω 1/16W J  | 1    | K3,K4,K2,K1,K0                |      |
|            | R713       | RK73GB2A101J | MG RESISTOR | 100Ω 1/16W J  | 1    | K3,K4,K2,K1,K0                |      |
|            | R714       | RK73HB1J272J | MG RESISTOR | 2.7kΩ 1/16W J | 1    | K3,K4,K2,K1,K0                |      |
|            | R715       | RK73HB1J272J | MG RESISTOR | 2.7kΩ 1/16W J | 1    | K3,K4,K2,K1,K0                |      |
|            | R716       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                               |      |
|            | R721       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | K3,E3,Q2,K4,K2,E2,E1,Q1,K1,K0 |      |
|            | R722       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    | K3,E3,Q2,K4,K2,E2,E1,Q1,K1,K0 |      |
|            | R723       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    | K3,E3,Q2,K4,K2,E2,E1,Q1,K1,K0 |      |
|            | R724       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | K3,E3,Q2,K4,K2,E2,E1,Q1,K1,K0 |      |
|            | R725       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | R2,K3,R1,K4,K2,K1,K0          |      |
|            | R726       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | R2,E3,Q2,R1,E2,E1,Q1          |      |
|            | R731       | RK73HB1J105J | MG RESISTOR | 1MΩ 1/16W J   | 1    | E3,Q2,E2,E1,Q1                |      |
|            | R732       | RK73HB1J105J | MG RESISTOR | 1MΩ 1/16W J   | 1    | E3,Q2,E2,E1,Q1                |      |
|            | R733       | RK73HB1J105J | MG RESISTOR | 1MΩ 1/16W J   | 1    | E3,Q2,E2,E1,Q1                |      |
|            | R734       | RK73HB1J105J | MG RESISTOR | 1MΩ 1/16W J   | 1    | E3,Q2,E2,E1,Q1                |      |
|            | R735       | RK73HB1J105J | MG RESISTOR | 1MΩ 1/16W J   | 1    | E3,Q2,E2,E1,Q1                |      |
|            | R736       | RK73HB1J105J | MG RESISTOR | 1MΩ 1/16W J   | 1    | E3,Q2,E2,E1,Q1                |      |
|            | R737       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    | R2,K3,R1,K4,K2,K1,K0          |      |
|            | R738       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    | R2,K3,R1,K4,K2,K1,K0          |      |
|            | R739       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    | R2,K3,R1,K4,K2,K1,K0          |      |
|            | R741       | RK73GB2A683J | MG RESISTOR | 68kΩ 1/16W J  | 1    | E3,Q2,E2,E1,Q1                |      |
|            | R743       | RK73GB2A362J | MG RESISTOR | 3.6kΩ 1/16W J | 1    | E3,Q2,E2,E1,Q1                |      |
|            | R744       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J    | 1    | E3,Q2,E2,E1,Q1                |      |
|            | R747       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    | E3,Q2,E2,E1,Q1                |      |
|            | R748       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    | E3,Q2,E2,E1,Q1                |      |
|            | R749       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    | E3,Q2,E2,E1,Q1                |      |
|            | R751       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                               |      |
|            | R752       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    |                               |      |
|            | R755       | RK73HB1J912J | MG RESISTOR | 9.1kΩ 1/16W J | 1    |                               |      |
|            | R756       | RK73HB1J223J | MG RESISTOR | 22kΩ 1/16W J  | 1    |                               |      |
|            | R757       | RK73HB1J104J | MG RESISTOR | 100kΩ 1/16W J | 1    |                               |      |
|            | R783       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | R1,K4,K2,E2,E1,Q1,K1,K0       |      |
|            | R784       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | R2,K3,E3,Q2                   |      |
|            | R786       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | R1,K4,K2,E2,E1,Q1,K1,K0       |      |
|            | R795       | RK73HB1J222J | MG RESISTOR | 2.2kΩ 1/16W J | 1    |                               |      |
|            | R796       | RK73HB1J222J | MG RESISTOR | 2.2kΩ 1/16W J | 1    |                               |      |
|            | R797       | RK73HB1J103J | MG RESISTOR | 10kΩ 1/16W J  | 1    |                               |      |
|            | R798       | RK73HB1J103J | MG RESISTOR | 10kΩ 1/16W J  | 1    |                               |      |
|            | R801       | RK73GB2A2R2J | MG RESISTOR | 2.2Ω 1/16W J  | 1    | E1                            |      |
|            | R802       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | E1                            |      |
|            | R803       | RK73HB1J102J | MG RESISTOR | 1kΩ 1/16W J   | 1    | E1                            |      |
|            | R804       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | E1                            |      |
|            | R805       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | E1                            |      |
|            | R806       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | E1                            |      |
|            | R807       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | E1                            |      |
|            | R808       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    | E1,K1,K0                      |      |
|            | R809       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    | E1,K1,K0                      |      |
|            | R810       | RK73FB2B000J | MG RESISTOR | 0Ω 1/8W J     | 1    |                               |      |
|            | R811       | RK73HB1J472J | MG RESISTOR | 4.7kΩ 1/16W J | 1    | E1                            |      |
|            | R812       | RK73HB1J472J | MG RESISTOR | 4.7kΩ 1/16W J | 1    | E1                            |      |
|            | R813       | RK73HB1J102J | MG RESISTOR | 1kΩ 1/16W J   | 1    | E1                            |      |
|            | R814       | RK73HB1J472J | MG RESISTOR | 4.7kΩ 1/16W J | 1    | E1                            |      |
|            | R815       | RK73HB1J472J | MG RESISTOR | 4.7kΩ 1/16W J | 1    | E1                            |      |
|            | R816       | RK73HB1J000J | MG RESISTOR | 0Ω 1/16W J    | 1    | E1                            |      |
|            | R817       | RK73HB1J102J | MG RESISTOR | 1kΩ 1/16W J   | 1    | E1                            |      |
|            | R818       | RK73HB1J103J | MG RESISTOR | 10kΩ 1/16W J  | 1    | E1                            |      |
|            | R823       | RK73HB1J472J | MG RESISTOR | 4.7kΩ 1/16W J | 1    | E1                            |      |
|            | R825       | RK73HB1J472J | MG RESISTOR | 4.7kΩ 1/16W J | 1    | E1                            |      |
|            | R827       | RK73HB1J562J | MG RESISTOR | 5.6kΩ 1/16W J | 1    | E1                            |      |
|            | R831       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J    | 1    | K1,K0                         |      |
|            | R832       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J    | 1    | K1,K0                         |      |
|            | R833       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J    | 1    | K1,K0                         |      |
|            | R834       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J    | 1    | K1,K0                         |      |
|            | R843       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | E1,K1,K0                      |      |
|            | R844       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    | E1,K1,K0                      |      |
|            | R845       | RK73HB1J101J | MG RESISTOR | 100Ω 1/16W J  | 1    | E1                            |      |
|            | R846       | RK73HB1J473J | MG RESISTOR | 47kΩ 1/16W J  | 1    | E1                            |      |
|            | R881       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J    | 1    | E1                            |      |
|            | R891       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J    | 1    |                               |      |
|            | R892       | RK73GB2A000J | MG RESISTOR | 0Ω 1/10W J    | 1    |                               |      |

| MODEL      | MARK       | MODEL          | MARK          | MODEL          | MARK | MODEL                   | MARK |
|------------|------------|----------------|---------------|----------------|------|-------------------------|------|
| DDX2071    | R2         | DDX271         | K3            | DDX3025        | E3   | DDX3055                 | Q2   |
| DDX3071BT  | R1         | DDX310BT       | K4            | DDX371         | K2   | DDX4025BT               | E2   |
| DDX4025DAB | E1         | DDX4055BT      | Q1            | DDX471HD       | K1   | DDX491HD                | K0   |
| Safe       | Symbol No. | Parts No.      | Parts Name    | Description    | QTY  | Local                   |      |
|            | R951       | RK73GB2A000J   | MG RESISTOR   | 0Ω 1/10W J     | 1    | K3,K4,K2,K1,K0          |      |
|            | R952       | RK73GB2A000J   | MG RESISTOR   | 0Ω 1/10W J     | 1    | K3,K4,K2,K1,K0          |      |
|            | R2011      | RK73HB1J100J   | MG RESISTOR   | 10Ω 1/16W J    | 1    |                         |      |
|            | RA561      | RK74HB1J470J   | NET RESISTOR  | 47Ω 1/16W J    | 1    |                         |      |
|            | RA581      | RK74HB1J470J   | NET RESISTOR  | 47Ω 1/16W J    | 1    |                         |      |
|            | RA781      | RK74HB1J470J   | NET RESISTOR  | 47Ω 1/16W J    | 1    | R1,K4,K2,E2,E1,Q1,K1,K0 |      |
|            | RA841      | RK74HB1J470J   | NET RESISTOR  | 47Ω 1/16W J    | 1    | E1,K1,K0                |      |
|            | L1         | L33-2436-05    | CHOKE COIL    |                | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | L121       | QQR1883-002    | CHOKE COIL    |                | 1    | E1,Q1,K1,K0             |      |
|            | L121       | L33-3220-08    | COIL          | 22uH M         | 1    | K4                      |      |
|            | L141       | NQLL8EM-220X   | COIL          | 22uH M         | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | L141       | L33-3220-08    | COIL          | 22uH M         | 1    | E1,Q1,K1,K0             |      |
|            | L141       | NQLL8EM-220X   | COIL          | 22uH M         | 1    | K4                      |      |
|            | L151       | NQLL8EM-470X   | COIL          | 47uH M         | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | L181       | L33-3220-08    | COIL          | 22uH M         | 1    | E1,Q1,K1,K0             |      |
|            | L181       | NQLL8EM-220X   | COIL          | 22uH M         | 1    | K4                      |      |
|            | L405       | L41-1895-52    | COIL          | 1.8uH J        | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | L405       | NQLD8DJ-1R8X   | COIL          | 1.8uH J        | 1    | ,Q1                     |      |
|            | L406       | L33-3216-08    | COIL          | 0.27uH J       | 1    | K4                      |      |
|            | L406       | NQLE6DJ-R27X   | COIL          | 0.27uH J       | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | L410       | L92-1008-05    | FERRITE BEADS |                | 1    | ,Q1                     |      |
|            | L410       | NQR0592-004X   | FERRITE BEADS |                | 1    | K4                      |      |
|            | L411       | L41-6885-52    | COIL          | 0.68uH J       | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | L411       | NQLD8DJ-R68X   | COIL          | 0.68uH J       | 1    | ,Q1                     |      |
|            | L413       | L41-6885-52    | COIL          | 0.68uH J       | 1    | K4                      |      |
|            | L413       | NQLD8DJ-R68X   | COIL          | 0.68uH J       | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | L414       | L41-4785-52    | COIL          | 0.47uH J       | 1    | ,Q1                     |      |
|            | L414       | NQLD8DJ-R47X   | COIL          | 0.47uH J       | 1    | K4                      |      |
|            | L416       | L33-2661-08    | P COIL        | 560uH K        | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | L416       | NQL114K-561X   | P COIL        | 560uH K        | 1    | ,Q1                     |      |
|            | L417       | L33-2661-08    | P COIL        | 560uH K        | 1    | K4                      |      |
|            | L417       | NQL114K-561X   | P COIL        | 560uH K        | 1    | R2,K3,E3,Q2,R1,K4,K2    |      |
|            | L421       | QQR1905-001    | RF COIL       |                | 1    | ,E2,Q1                  |      |
|            | L482       | L33-2497-08    | COIL          | 4.7uH M        | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | L482       | LR73Z0AD4R7M   | COIL          | 4.7uH          | 1    | ,Q1                     |      |
|            | L501       | NQR0199-003X   | FERRITE BEADS |                | 1    | K4                      |      |
|            | L651       | L33-2497-08    | COIL          | 4.7uH M        | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | L651       | LR73Z0AD4R7M   | COIL          | 4.7uH          | 1    | ,E1,Q1,K1,K0            |      |
|            | L652       | NQLF6EM-100X   | COIL          | 10uH M         | 1    | K4                      |      |
|            | L652       | LR79Z0AG100M   | COIL          | 10uH           | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | L681       | NQR0704-001X   | CHOKE COIL    |                | 1    | ,E1,Q1,K1,K0            |      |
|            | L701       | L33-2497-08    | COIL          | 4.7uH M        | 1    | K4                      |      |
|            | L701       | LR73Z0AD4R7M   | COIL          | 4.7uH          | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | L851       | L33-2497-08    | COIL          | 4.7uH M        | 1    | ,E1,Q1,K1,K0            |      |
|            | L851       | LR73Z0AD4R7M   | COIL          | 4.7uH          | 1    | K4                      |      |
|            | A801       | X86-4312-72    | TUNER         |                | 1    | E1                      |      |
|            | A801       | X86-4340-14    | TUNER         |                | 1    | K1,K0                   |      |
|            | CN501      | QGF0534F7-20X  | CONNECTOR     | FFC/FPC (1-20) | 1    |                         |      |
|            | CN502      | QGF0536CA-20W  | CONNECTOR     | FFC/FPC (1-20) | 1    |                         |      |
|            | CN601      | QGF0534F7-45X  | CONNECTOR     | FFC/FPC (1-45) | 1    |                         |      |
|            | CN651      | QGF0534F7-50X  | CONNECTOR     | FFC/FPC (1-50) | 1    |                         |      |
|            | CN681      | E41-1685-05    | CONNECTOR     | W-B (1-5)      | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | CN681      | QGA2001C1-05   | CONNECTOR     | W-B (1-5)      | 1    | ,E1,Q1,K1,K0            |      |
|            | CN781      | QGF0516C2-12X  | CONNECTOR     | FFC/FPC (1-12) | 1    | K4                      |      |
|            |            |                |               |                | 1    | R1,K4,K2,E2,E1,Q1,K1,K0 |      |
| △          | F101       | F53-0513-08    | FUSE          | 4A             | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            |            |                |               |                | 1    | ,E1,Q1,K1,K0            |      |
| △          | F101       | NMFZ032-4R0X-H | FUSE          | 4A             | 1    | K4                      |      |
|            | J1         | E58-0991-05    | CAR CONNECTOR |                | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | J1         | QNZ0607-001    | CAR CONNECTOR |                | 1    | ,E1,Q1,K1,K0            |      |
|            | J271       | E63-0998-08    | PIN JACK      |                | 1    | R2,K3,E3,Q2,R1,K2,E2    |      |
|            | J271       | QNN0861-001    | PIN JACK      |                | 1    | ,E1,Q1,K1,K0            |      |
|            | J291       | QNS0307-001    | 3.5 JACK      |                | 1    | K4                      |      |
|            | J701       | QNZ0907-001    | CIR CONNECTOR |                | 1    |                         |      |
|            | J800       | E04-0347-08    | ANT TERMINAL  |                | 1    | K3,K4,K2,K1,K0          |      |
|            | TH241      | NAD0052-471X   | P THERMISTOR  | 470Ω           | 1    | E1                      |      |
|            | VA271      | NAF0045-180X   | VARISTOR(ZNR) |                | 1    |                         |      |
|            | VA272      | NAF0045-180X   | VARISTOR(ZNR) |                | 1    |                         |      |
|            | VA273      | NAF0045-180X   | VARISTOR(ZNR) |                | 1    |                         |      |
|            | VA274      | NAF0045-180X   | VARISTOR(ZNR) |                | 1    |                         |      |
|            | VA275      | NAF0045-180X   | VARISTOR(ZNR) |                | 1    |                         |      |
|            | VA277      | NAF0045-180X   | VARISTOR(ZNR) |                | 1    |                         |      |

| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe                             | Symbol No. | Parts No.     | Parts Name      | Description  | QTY | Local                                |
|----------------------------------|------------|---------------|-----------------|--------------|-----|--------------------------------------|
|                                  | VA295      | NAF0046-180X  | VARISTOR(ZNR)   |              | 1   |                                      |
|                                  | VA296      | NAF0046-180X  | VARISTOR(ZNR)   |              | 1   |                                      |
|                                  | VA297      | NAF0046-180X  | VARISTOR(ZNR)   |              | 1   |                                      |
|                                  | VA400      | EZAEG3A50A    | ESD SUPPRESSOR  |              | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | VA400      | NAF0024-001X  | ESD SUPPRESSOR  |              | 1   | K4                                   |
|                                  | VA701      | NAF0045-180X  | VARISTOR(ZNR)   |              | 1   | K3,K4,K2,K1,K0                       |
|                                  | VA702      | NAF0045-180X  | VARISTOR(ZNR)   |              | 1   | K3,K4,K2,K1,K0                       |
|                                  | VA703      | NAF0045-180X  | VARISTOR(ZNR)   |              | 1   | K3,K4,K2,K1,K0                       |
|                                  | VA711      | NAF0044-270X  | VARISTOR(ZNR)   |              | 1   | K3,K4,K2,K1,K0                       |
|                                  | VA712      | NAF0044-270X  | VARISTOR(ZNR)   |              | 1   | K3,K4,K2,K1,K0                       |
|                                  | VA713      | NAF0045-180X  | VARISTOR(ZNR)   |              | 1   | K3,K4,K2,K1,K0                       |
|                                  | VA800      | EZAEG3A50A    | ESD SUPPRESSOR  |              | 1   | E1                                   |
|                                  | W400       | E30-8284-08   | CAR CABLE       |              | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | W400       | QAM1427-001   | CAR CABLE       |              | 1   | K4                                   |
|                                  | X403       | L77-3908-08   | CRYSTAL         |              | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,Q1          |
|                                  | X403       | NAX1221-001X  | CRYSTAL         |              | 1   | K4                                   |
|                                  | X501       | L77-3828-05   | CRYSTAL         |              | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | X501       | NAX1253-001X  | CRYSTAL         |              | 1   | K4                                   |
|                                  | X502       | L77-3806-08   | CRYSTAL         | 32.768KHz    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | X502       | QAX0401-001   | CRYSTAL         | 32.768KHz    | 1   | K4                                   |
| SUB PWB ASSY (LVA11269-xxA) <SU> |            |               |                 |              |     |                                      |
|                                  | IC41       | BH7673G-W     | IC              |              | 1   |                                      |
|                                  | IC51       | NJM2535V-ZB   | IC              |              | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | IC51       | NJM2535V-X    | IC              |              | 1   | K4                                   |
|                                  | IC61       | NJM2535V-ZB   | IC              |              | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | IC61       | NJM2535V-X    | IC              |              | 1   | K4                                   |
|                                  | IC62       | NJM2561F1-X   | IC              |              | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | IC62       | NJM2561F1     | BIPOLAR IC      |              | 1   | K4                                   |
|                                  | IC491      | 74AHCT1G08GW  | IC(DIGITAL)     |              | 1   | E3,Q2,E2,E1,Q1                       |
|                                  | Q11        | LSCR523EBFS8  | TRANSISTOR      |              | 1   |                                      |
|                                  | Q12        | DRA9114Y      | DIGI TRANSISTOR |              | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | Q12        | LTA014YEB-X   | DIGI TRANSISTOR |              | 1   | K4                                   |
|                                  | Q13        | LSCR523EBFS8  | TRANSISTOR      |              | 1   |                                      |
|                                  | Q21        | LTC024EEB-X   | DIGI TRANSISTOR |              | 1   |                                      |
|                                  | D11        | DA2J101-X     | SI DIODE        |              | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | D11        | DA2J101       | DIODE           |              | 1   | K4                                   |
|                                  | D21        | DA2J101-X     | SI DIODE        |              | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | D21        | DA2J101       | DIODE           |              | 1   | K4                                   |
|                                  | C11        | CK73GB0J225K  | C CAPACITOR     | 2.2uF 6.3V K | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | C11        | NCB30JK-225X  | C CAPACITOR     | 2.2uF 6.3V K | 1   | K4                                   |
|                                  | C21        | CK73HBB1E103K | C CAPACITOR     | 0.01uF 25V K | 1   |                                      |
|                                  | C41        | DA2J101-X     | C CAPACITOR     | 1uF 16V K    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | C41        | NCB31CK-105X  | C CAPACITOR     | 1uF 16V K    | 1   | K4                                   |
|                                  | C42        | DA2J101-X     | C CAPACITOR     | 1uF 16V K    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | C42        | NCB31CK-105X  | C CAPACITOR     | 1uF 16V K    | 1   | K4                                   |
|                                  | C43        | CK73HBB1A104K | C CAPACITOR     | 0.1uF 10V K  | 1   |                                      |
|                                  | C44        | CK730BU0J106M | C CAPACITOR     | 10uF 6.3V M  | 1   |                                      |
|                                  | C51        | DA2J101-X     | C CAPACITOR     | 1uF 16V K    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | C51        | NCB31CK-105X  | C CAPACITOR     | 1uF 16V K    | 1   | K4                                   |
|                                  | C52        | DA2J101-X     | C CAPACITOR     | 1uF 16V K    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | C52        | NCB31CK-105X  | C CAPACITOR     | 1uF 16V K    | 1   | K4                                   |
|                                  | C53        | DA2J101-X     | C CAPACITOR     | 1uF 16V K    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | C53        | NCB31CK-105X  | C CAPACITOR     | 1uF 16V K    | 1   | K4                                   |
|                                  | C54        | CK73HBB1A104K | C CAPACITOR     | 0.1uF 10V K  | 1   |                                      |
|                                  | C61        | DA2J101-X     | C CAPACITOR     | 1uF 16V K    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | C61        | NCB31CK-105X  | C CAPACITOR     | 1uF 16V K    | 1   | K4                                   |
|                                  | C62        | DA2J101-X     | C CAPACITOR     | 1uF 16V K    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | C62        | NCB31CK-105X  | C CAPACITOR     | 1uF 16V K    | 1   | K4                                   |
|                                  | C63        | DA2J101-X     | C CAPACITOR     | 1uF 16V K    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | C63        | NCB31CK-105X  | C CAPACITOR     | 1uF 16V K    | 1   | K4                                   |
|                                  | C64        | CK73HBB1A104K | C CAPACITOR     | 0.1uF 10V K  | 1   |                                      |
|                                  | C65        | CK73HBB1A104K | C CAPACITOR     | 0.1uF 10V K  | 1   |                                      |
|                                  | C66        | CK73HBB1A104K | C CAPACITOR     | 0.1uF 10V K  | 1   |                                      |
|                                  | C67        | QETL1AM-477   | E CAPACITOR     | 470uF 10V M  | 1   |                                      |
|                                  | C112       | CK73HBB1H102K | C CAPACITOR     | 1000pF 50V K | 1   |                                      |
|                                  | C113       | CK73HBB1H102K | C CAPACITOR     | 1000pF 50V K | 1   |                                      |
|                                  | C122       | DA2J101-X     | C CAPACITOR     | 1uF 16V K    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | C122       | NCB31CK-105X  | C CAPACITOR     | 1uF 16V K    | 1   | K4                                   |
|                                  | C123       | DA2J101-X     | C CAPACITOR     | 1uF 16V K    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                  | C123       | NCB31CK-105X  | C CAPACITOR     | 1uF 16V K    | 1   | K4                                   |

| MODEL      | MARK       | MODEL         | MARK          | MODEL          | MARK | MODEL                            | MARK |
|------------|------------|---------------|---------------|----------------|------|----------------------------------|------|
| DDX2071    | R2         | DDX271        | K3            | DDX3025        | E3   | DDX3055                          | Q2   |
| DDX3071BT  | R1         | DDX310BT      | K4            | DDX371         | K2   | DDX4025BT                        | E2   |
| DDX4025DAB | E1         | DDX4055BT     | Q1            | DDX471HD       | K1   | DDX491HD                         | K0   |
| Safe       | Symbol No. | Parts No.     | Parts Name    | Description    | QTY  | Local                            |      |
|            | C124       | CK730BU0J106M | C CAPACITOR   | 10uF 6.3V M    | 1    |                                  |      |
|            | C212       | CK73HBB1H102K | C CAPACITOR   | 1000pF 50V K   | 1    |                                  |      |
|            | C213       | CK73HBB1H102K | C CAPACITOR   | 1000pF 50V K   | 1    |                                  |      |
|            | C401       | CK73HBB1H102K | C CAPACITOR   | 1000pF 50V K   | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | C412       | CK73HBB1H102K | C CAPACITOR   | 1000pF 50V K   | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | C413       | CK73HBB1H102K | C CAPACITOR   | 1000pF 50V K   | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | C414       | CK73HBB1H102K | C CAPACITOR   | 1000pF 50V K   | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | C491       | CK73GBB1H103K | C CAPACITOR   | 0.01uF 50V K   | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R11        | RK73HB1J223J  | MG RESISTOR   | 22kΩ 1/16W J   | 1    |                                  |      |
|            | R12        | RK73HB1J473J  | MG RESISTOR   | 47kΩ 1/16W J   | 1    |                                  |      |
|            | R13        | RK73HB1J223J  | MG RESISTOR   | 22kΩ 1/16W J   | 1    |                                  |      |
|            | R14        | RK73HB1J471J  | MG RESISTOR   | 470Ω 1/16W J   | 1    |                                  |      |
|            | R15        | RK73HB1J473J  | MG RESISTOR   | 47kΩ 1/16W J   | 1    |                                  |      |
|            | R16        | RK73HB1J473J  | MG RESISTOR   | 47kΩ 1/16W J   | 1    |                                  |      |
|            | R21        | RK73GB2A272J  | MG RESISTOR   | 2.7kΩ 1/16W J  | 1    |                                  |      |
|            | R22        | RK73HB1J102J  | MG RESISTOR   | 1kΩ 1/16W J    | 1    |                                  |      |
|            | R31        | RK73HH1J750D  | MG RESISTOR   | 75Ω 1/16W D    | 1    |                                  |      |
|            | R32        | RK73GB2A100J  | MG RESISTOR   | 10Ω 1/16W J    | 1    |                                  |      |
|            | R36        | RK73HB1J000J  | MG RESISTOR   | 0Ω 1/16W J     | 1    |                                  |      |
|            | R61        | RK73GH2A750D  | MG RESISTOR   | 75Ω 1/16W D    | 1    |                                  |      |
|            | R101       | RK73GB2A100J  | MG RESISTOR   | 10Ω 1/16W J    | 1    |                                  |      |
|            | R104       | RK73HH1J750D  | MG RESISTOR   | 75Ω 1/16W D    | 1    |                                  |      |
|            | R112       | RK73GB2A100J  | MG RESISTOR   | 10Ω 1/16W J    | 1    |                                  |      |
|            | R113       | RK73GB2A100J  | MG RESISTOR   | 10Ω 1/16W J    | 1    |                                  |      |
|            | R114       | RK73GB2A4R7J  | MG RESISTOR   | 4.7Ω 1/16W J   | 1    |                                  |      |
|            | R115       | RK73HB1J223J  | MG RESISTOR   | 22kΩ 1/16W J   | 1    |                                  |      |
|            | R116       | RK73HB1J223J  | MG RESISTOR   | 22kΩ 1/16W J   | 1    |                                  |      |
|            | R117       | RK73HB1J000J  | MG RESISTOR   | 0Ω 1/16W J     | 1    |                                  |      |
|            | R118       | RK73HB1J000J  | MG RESISTOR   | 0Ω 1/16W J     | 1    |                                  |      |
|            | R201       | RK73GB2A100J  | MG RESISTOR   | 10Ω 1/16W J    | 1    |                                  |      |
|            | R202       | RK73GB2A100J  | MG RESISTOR   | 10Ω 1/16W J    | 1    |                                  |      |
|            | R203       | RK73GB2A620J  | MG RESISTOR   | 62Ω 1/16W J    | 1    |                                  |      |
|            | R204       | RK73HB1J4R7J  | MG RESISTOR   | 4.7Ω 1/16W J   | 1    |                                  |      |
|            | R212       | RK73GB2A100J  | MG RESISTOR   | 10Ω 1/16W J    | 1    |                                  |      |
|            | R213       | RK73GB2A100J  | MG RESISTOR   | 10Ω 1/16W J    | 1    |                                  |      |
|            | R214       | RK73GB2A4R7J  | MG RESISTOR   | 4.7Ω 1/16W J   | 1    |                                  |      |
|            | R215       | RK73HB1J223J  | MG RESISTOR   | 22kΩ 1/16W J   | 1    |                                  |      |
|            | R216       | RK73HB1J223J  | MG RESISTOR   | 22kΩ 1/16W J   | 1    |                                  |      |
|            | R301       | RK73GB2A101J  | MG RESISTOR   | 100Ω 1/16W J   | 1    | R1,K4,K2,E2,E1,Q1,K1,K0          |      |
|            | R302       | RK73GB2A101J  | MG RESISTOR   | 100Ω 1/16W J   | 1    | R1,K4,K2,E2,E1,Q1,K1,K0          |      |
|            | R401       | RK73GB2A101J  | MG RESISTOR   | 100Ω 1/16W J   | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R412       | RK73GB2A100J  | MG RESISTOR   | 10Ω 1/16W J    | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R413       | RK73GB2A100J  | MG RESISTOR   | 10Ω 1/16W J    | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R414       | RK73GB2A4R7J  | MG RESISTOR   | 4.7Ω 1/16W J   | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R421       | RK73HH1J750D  | MG RESISTOR   | 75Ω 1/16W D    | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R422       | RK73HH1J750D  | MG RESISTOR   | 75Ω 1/16W D    | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R423       | RK73HH1J750D  | MG RESISTOR   | 75Ω 1/16W D    | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R425       | RK73GB2A101J  | MG RESISTOR   | 100Ω 1/16W J   | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R426       | RK73GB2A101J  | MG RESISTOR   | 100Ω 1/16W J   | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R427       | RK73GB2A101J  | MG RESISTOR   | 100Ω 1/16W J   | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R428       | RK73GB2A100J  | MG RESISTOR   | 10Ω 1/16W J    | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R491       | RK73GB2A101J  | MG RESISTOR   | 100Ω 1/16W J   | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R492       | RK73GB2A101J  | MG RESISTOR   | 100Ω 1/16W J   | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R493       | RK73HB1J272J  | MG RESISTOR   | 2.7kΩ 1/16W J  | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | R901       | RK73GB2A000J  | MG RESISTOR   | 0Ω 1/10W J     | 1    |                                  |      |
|            | R902       | RK73HB1J100J  | MG RESISTOR   | 10Ω 1/16W J    | 1    |                                  |      |
|            | L41        | L33-2497-08   | COIL          | 4.7uH M        | 1    | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |      |
|            | L41        | LR73Z0AD4R7M  | COIL          | 4.7uH          | 1    | K4                               |      |
|            | CN1        | QGF0534F7-20X | CONNECTOR     | FFC/FPC (1-20) | 1    |                                  |      |
|            | CN2        | QGF0534F7-20X | CONNECTOR     | FFC/FPC (1-20) | 1    |                                  |      |
|            | CN3        | E40-6526-05   | CONNECTOR     | W-B (1-3)      | 1    | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |      |
|            | CN3        | QGA2501C1-03  | CONNECTOR     | W-B (1-3)      | 1    | K4                               |      |
|            | CN301      | E41-3067-08   | CONNECTOR     | W-B (1-2)      | 1    | R1,K2,E2,E1,Q1,K1,K0             |      |
|            | CN301      | QGA2001C1-02  | CONNECTOR     | W-B (1-2)      | 1    | K4                               |      |
|            | J31        | E63-0990-08   | PIN JACK      |                | 1    | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |      |
|            | J101       | QNN0011-002   | PIN JACK      |                | 1    | K4                               |      |
|            | J101       | E11-0676-05   | 3.5 JACK      |                | 1    | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |      |
|            | J101       | QNS0291-001   | 3.5 JACK      |                | 1    | K4                               |      |
|            | J201       | E11-0676-05   | 3.5 JACK      |                | 1    | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |      |
|            | J201       | QNS0291-001   | 3.5 JACK      |                | 1    | K4                               |      |
|            | J301       | QNS0307-001   | 3.5 JACK      |                | 1    | R1,K4,K2,E2,E1,Q1,K1,K0          |      |
|            | J401       | E56-0856-05   | DIN CONNECTOR |                | 1    | E3,Q2,E2,E1,Q1                   |      |
|            | VA11       | NAF0044-270X  | VARIATOR(ZNR) |                | 1    |                                  |      |
|            | VA21       | NAF0045-180X  | VARIATOR(ZNR) |                | 1    |                                  |      |
|            | VA31       | NAF0044-270X  | VARIATOR(ZNR) |                | 1    |                                  |      |
|            | VA61       | NAF0044-270X  | VARIATOR(ZNR) |                | 1    |                                  |      |
|            | VA101      | NAF0044-270X  | VARIATOR(ZNR) |                | 1    |                                  |      |
|            | VA102      | NAF0044-270X  | VARIATOR(ZNR) |                | 1    |                                  |      |
|            | VA112      | NAF0045-180X  | VARIATOR(ZNR) |                | 1    |                                  |      |
|            | VA113      | NAF0045-180X  | VARIATOR(ZNR) |                | 1    |                                  |      |
|            | VA201      | NAF0044-270X  | VARIATOR(ZNR) |                | 1    |                                  |      |
|            | VA202      | NAF0044-270X  | VARIATOR(ZNR) |                | 1    |                                  |      |
|            | VA212      | NAF0045-180X  | VARIATOR(ZNR) |                | 1    |                                  |      |
|            | VA213      | NAF0045-180X  | VARIATOR(ZNR) |                | 1    |                                  |      |

| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe                                 | Symbol No. | Parts No.      | Parts Name      | Description                                  | QTY | Local                            |
|--------------------------------------|------------|----------------|-----------------|--|-----|----------------------------------|
|                                      | VA301      | NAF0045-180X   | VARISTOR(ZNR)   |  | 1   | R1,K4,K2,E2,E1,Q1,K1,K0          |
|                                      | VA302      | NAF0045-180X   | VARISTOR(ZNR)   |  | 1   | R1,K4,K2,E2,E1,Q1,K1,K0          |
|                                      | VA401      | NAF0045-180X   | VARISTOR(ZNR)   |  | 1   | E3,Q2,E2,E1,Q1                   |
|                                      | VA412      | NAF0045-180X   | VARISTOR(ZNR)   |  | 1   | E3,Q2,E2,E1,Q1                   |
|                                      | VA413      | NAF0045-180X   | VARISTOR(ZNR)   |  | 1   | E3,Q2,E2,E1,Q1                   |
|                                      | VA414      | NAF0045-180X   | VARISTOR(ZNR)   |  | 1   | E3,Q2,E2,E1,Q1                   |
|                                      | VA421      | NAF0044-270X   | VARISTOR(ZNR)   |  | 1   | E3,Q2,E2,E1,Q1                   |
|                                      | VA422      | NAF0044-270X   | VARISTOR(ZNR)   |  | 1   | E3,Q2,E2,E1,Q1                   |
|                                      | VA423      | NAF0044-270X   | VARISTOR(ZNR)   |  | 1   | E3,Q2,E2,E1,Q1                   |
|                                      | VA424      | NAF0044-270X   | VARISTOR(ZNR)   |  | 1   | E3,Q2,E2,E1,Q1                   |
|                                      | VA491      | NAF0045-180X   | VARISTOR(ZNR)   |  | 1   | E3,Q2,E2,E1,Q1                   |
|                                      | VA492      | NAF0045-180X   | VARISTOR(ZNR)   |  | 1   | E3,Q2,E2,E1,Q1                   |
| PANEL-A PWB ASSY (LVA11279-0xA) <PA> |            |                |                 |  |     |                                  |
|                                      | IC401      | MN103SH23      | IC(MCU)         |  | 1   |                                  |
|                                      | IC404      | NL17SZ17XV5-X  | IC(DIGITAL)     |  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | IC404      | TC7SZ17FE-X    | IC(DIGITAL)     |  | 1   | K4                               |
|                                      | IC405      | XC6213B122NGX  | IC              |  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | IC405      | XC6213B122N-G  | MOS IC          |  | 1   | K4                               |
|                                      | IC431      | A3V28S40FTP-G6 | IC              |  | 1   |                                  |
|                                      | IC441      | JVM678B        | PROGRAMED IC    | C441 IC451 will need to be replaced in pairs | 1   |                                  |
|                                      | IC451      | JVM679B        | PROGRAMED IC    | C441 IC451 will need to be replaced in pairs | 1   |                                  |
|                                      | IC501      | NJM2831F92-X   | IC              |  | 1   |                                  |
|                                      | IC511      | NJM2904V-X     | IC              |  | 1   |                                  |
|                                      | Q4002      | DRC9114E       | DIGI TRANSISTOR |  | 1   | E3,Q2,E2,E1,Q1                   |
|                                      | Q4601      | DSA5001/R/     | TRANSISTOR      |  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | Q4601      | LSAR523UBFS8   | TRANSISTOR      |  | 1   | K4                               |
|                                      | Q4611      | DSA5001/R/     | TRANSISTOR      |  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | Q4611      | LSAR523UBFS8   | TRANSISTOR      |  | 1   | K4                               |
|                                      | Q4621      | DSA5001/R/     | TRANSISTOR      |  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | Q4621      | LSAR523UBFS8   | TRANSISTOR      |  | 1   | K4                               |
|                                      | Q4631      | DSA5001/R/     | TRANSISTOR      |  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | Q4631      | LSAR523UBFS8   | TRANSISTOR      |  | 1   | K4                               |
|                                      | Q5201      | DRC9114E       | DIGI TRANSISTOR |  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | Q5201      | LTC014EEBFS8   | DIGI TRANSISTOR |  | 1   | K4                               |
|                                      | Q5202      | DSC5001/R/     | TRANSISTOR      |  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | Q5202      | LSCR523UBFS8   | TRANSISTOR      |  | 1   | K4                               |
|                                      | Q5203      | DSC5001/R/     | TRANSISTOR      |  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | Q5203      | LSCR523UBFS8   | TRANSISTOR      |  | 1   | K4                               |
|                                      | Q5301      | DSA5001/R/     | TRANSISTOR      |  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | Q5301      | LSAR523UBFS8   | TRANSISTOR      |  | 1   | K4                               |
|                                      | Q5302      | DSA5001/R/     | TRANSISTOR      |  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | Q5302      | LSAR523UBFS8   | TRANSISTOR      |  | 1   | K4                               |
|                                      | D4001      | DA2J101-X      | SI DIODE        |  | 1   | E3,Q2,E2,E1,Q1                   |
|                                      | D5201      | DA2J101-X      | SI DIODE        |  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | D5201      | DA2J101        | DIODE           |  | 1   | K4                               |
|                                      | D5202      | DZ2J180/M/-X   | Z DIODE         |  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | D5202      | DZ2J180M       | Z DIODE         |  | 1   | K4                               |
|                                      | C4001      | CC73HCH1H060D  | C CAPACITOR     | 6pF 50V D                                    | 1   |                                  |
|                                      | C4002      | CC73HCH1H060D  | C CAPACITOR     | 6pF 50V D                                    | 1   |                                  |
|                                      | C4010      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |
|                                      | C4013      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |
|                                      | C4019      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |
|                                      | C4020      | CK730AU0J105K  | C CAPACITOR     | 1uF 6.3V K                                   | 1   |                                  |
|                                      | C4028      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |
|                                      | C4038      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |
|                                      | C4039      | CK730AU0J105K  | C CAPACITOR     | 1uF 6.3V K                                   | 1   |                                  |
|                                      | C4049      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |
|                                      | C4051      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |
|                                      | C4055      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |
|                                      | C4056      | CK73FB0J106K   | C CAPACITOR     | 10uF 6.3V K                                  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | C4056      | NCB20JK-106X   | C CAPACITOR     | 10uF 6.3V K                                  | 1   | K4                               |
|                                      | C4057      | CK73FB0J106K   | C CAPACITOR     | 10uF 6.3V K                                  | 1   | R2,K3,E3,Q2,R1,K2,E2,E1,Q1,K1,K0 |
|                                      | C4057      | NCB20JK-106X   | C CAPACITOR     | 10uF 6.3V K                                  | 1   | K4                               |
|                                      | C4066      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |
|                                      | C4067      | CK730AU0J105K  | C CAPACITOR     | 1uF 6.3V K                                   | 1   |                                  |
|                                      | C4069      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |
|                                      | C4074      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |
|                                      | C4075      | CK730AU0J105K  | C CAPACITOR     | 1uF 6.3V K                                   | 1   |                                  |
|                                      | C4085      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |
|                                      | C4094      | CK73HBB1C103K  | C CAPACITOR     | 0.01uF 16V K                                 | 1   |                                  |
|                                      | C4095      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |
|                                      | C4097      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |
|                                      | C4103      | CK73HBB1A104K  | C CAPACITOR     | 0.1uF 10V K                                  | 1   |                                  |



| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe | Symbol No. | Parts No.     | Parts Name  | Description  | QTY | Local                                |
|------|------------|---------------|-------------|--------------|-----|--------------------------------------|
|      | C4106      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4107      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4120      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4121      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4122      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4129      | CC73GCH1H151J | C CAPACITOR | 150pF 50V J  | 1   |                                      |
|      | C4135      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4145      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4154      | CK73HBB1H102K | C CAPACITOR | 1000pF 50V K | 1   |                                      |
|      | C4155      | CK73HBB1H102K | C CAPACITOR | 1000pF 50V K | 1   |                                      |
|      | C4157      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4159      | CC73HCH1H101J | C CAPACITOR | 100pF 50V J  | 1   | E3,Q2,E2,E1,Q1                       |
|      | C4160      | CC73HCH1H330J | C CAPACITOR | 33pF 50V J   | 1   |                                      |
|      | C4161      | CC73HCH1H560J | C CAPACITOR | 56pF 50V J   | 1   | E3,Q2,E2,E1,Q1                       |
|      | C4163      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4164      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4165      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4166      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4168      | CK730BW0J226M | C CAPACITOR | 22uF 6.3V M  | 1   |                                      |
|      | C4169      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4171      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4172      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4173      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4176      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4177      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4178      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4182      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4183      | CK730AU0J105K | C CAPACITOR | 1uF 6.3V K   | 1   |                                      |
|      | C4190      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4196      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4201      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4210      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4217      | CK73FB0J475K  | C CAPACITOR | 4.7uF 6.3V K | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|      | C4217      | NCB20JK-475X  | C CAPACITOR | 4.7uF 6.3V K | 1   | K4                                   |
|      | C4218      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4301      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4303      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4309      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4314      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4327      | CK73FB0J106K  | C CAPACITOR | 10uF 6.3V K  | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|      | C4327      | NCB20JK-106X  | C CAPACITOR | 10uF 6.3V K  | 1   | K4                                   |
|      | C4343      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4349      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4354      | CK73FB0J106K  | C CAPACITOR | 10uF 6.3V K  | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|      | C4354      | NCB20JK-106X  | C CAPACITOR | 10uF 6.3V K  | 1   | K4                                   |
|      | C4408      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4409      | CK73FB0J106K  | C CAPACITOR | 10uF 6.3V K  | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|      | C4409      | NCB20JK-106X  | C CAPACITOR | 10uF 6.3V K  | 1   | K4                                   |
|      | C4508      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4601      | CK73HBB1A104K | C CAPACITOR | 0.1uF 10V K  | 1   |                                      |
|      | C4602      | CC73HCH1H680J | C CAPACITOR | 68pF 50V J   | 1   |                                      |
|      | C4604      | CC73HCH1H180J | C CAPACITOR | 18pF 50V J   | 1   |                                      |
|      | C4605      | CK73FB0J106K  | C CAPACITOR | 10uF 6.3V K  | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|      | C4605      | NCB20JK-106X  | C CAPACITOR | 10uF 6.3V K  | 1   | K4                                   |
|      | C4614      | CC73HCH1H560J | C CAPACITOR | 56pF 50V J   | 1   |                                      |
|      | C4615      | CK730AU0J105K | C CAPACITOR | 1uF 6.3V K   | 1   |                                      |
|      | C4616      | CK730AU0J105K | C CAPACITOR | 1uF 6.3V K   | 1   |                                      |
|      | C4624      | CC73HCH1H560J | C CAPACITOR | 56pF 50V J   | 1   |                                      |
|      | C4625      | CK730AU0J105K | C CAPACITOR | 1uF 6.3V K   | 1   |                                      |
|      | C4626      | CK730AU0J105K | C CAPACITOR | 1uF 6.3V K   | 1   |                                      |
|      | C4634      | CC73HCH1H560J | C CAPACITOR | 56pF 50V J   | 1   |                                      |
|      | C4635      | CK730AU0J105K | C CAPACITOR | 1uF 6.3V K   | 1   |                                      |
|      | C4636      | CK730AU0J105K | C CAPACITOR | 1uF 6.3V K   | 1   |                                      |
|      | C5001      | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|      | C5001      | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1   | K4                                   |
|      | C5002      | CK73HBB1C104K | C CAPACITOR | 0.1uF 16V K  | 1   |                                      |
|      | C5003      | CK73FB0J106K  | C CAPACITOR | 10uF 6.3V K  | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|      | C5003      | NCB20JK-106X  | C CAPACITOR | 10uF 6.3V K  | 1   | K4                                   |
|      | C5004      | CK730BW1C106K | C CAPACITOR | 10uF 16V K   | 1   |                                      |
|      | C5005      | CK730AU0J105K | C CAPACITOR | 1uF 6.3V K   | 1   |                                      |
|      | C5010      | DA2J101-X     | C CAPACITOR | 1uF 16V K    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|      | C5010      | NCB31CK-105X  | C CAPACITOR | 1uF 16V K    | 1   | K4                                   |
|      | C5011      | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|      | C5011      | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1   | K4                                   |
|      | C5103      | CK73HBB1C104K | C CAPACITOR | 0.1uF 16V K  | 1   |                                      |
|      | C5201      | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|      | C5201      | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K  | 1   | K4                                   |
|      | C5202      | CK73FB1E105K  | C CAPACITOR | 1uF 25V K    | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|      | C5202      | NCB21EK-105X  | C CAPACITOR | 1uF 25V K    | 1   | K4                                   |
|      | C5203      | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K  | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |

| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe | Symbol No. | Parts No. | Parts Name    | Description  | QTY           | Local |
|------|------------|-----------|---------------|--------------|---------------|-------|
|      |            | C5203     | NCB31HK-104X  | C CAPACITOR  | 0.1uF 50V K   | 1 K4  |
|      |            | C5301     | CK73HBB1C104K | C CAPACITOR  | 0.1uF 16V K   | 1     |
|      |            | C5302     | CK73HBB1A104K | C CAPACITOR  | 0.1uF 10V K   | 1     |
|      |            | R4001     | RK73HB1J681J  | MG RESISTOR  | 680Ω 1/16W J  | 1     |
|      |            | R4002     | RK73HB1J105J  | MG RESISTOR  | 1MΩ 1/16W J   | 1     |
|      |            | R4030     | RK73HB1J680J  | MG RESISTOR  | 68Ω 1/16W J   | 1     |
|      |            | R4053     | RK73HB1J680J  | MG RESISTOR  | 68Ω 1/16W J   | 1     |
|      |            | R4054     | RK73HB1J680J  | MG RESISTOR  | 68Ω 1/16W J   | 1     |
|      |            | R4058     | RK73HB1J103J  | MG RESISTOR  | 10kΩ 1/16W J  | 1     |
|      |            | R4060     | RK73HB1J101J  | MG RESISTOR  | 100Ω 1/16W J  | 1     |
|      |            | R4062     | RK73HB1J102J  | MG RESISTOR  | 1kΩ 1/16W J   | 1     |
|      |            | R4063     | RK73HB1J102J  | MG RESISTOR  | 1kΩ 1/16W J   | 1     |
|      |            | R4064     | RK73HB1J101J  | MG RESISTOR  | 100Ω 1/16W J  | 1     |
|      |            | R4065     | RK73HB1J102J  | MG RESISTOR  | 1kΩ 1/16W J   | 1     |
|      |            | R4066     | RK73HB1J101J  | MG RESISTOR  | 100Ω 1/16W J  | 1     |
|      |            | R4067     | RK73HB1J101J  | MG RESISTOR  | 100Ω 1/16W J  | 1     |
|      |            | R4069     | RK73HB1J101J  | MG RESISTOR  | 100Ω 1/16W J  | 1     |
|      |            | R4070     | RK73HB1J101J  | MG RESISTOR  | 100Ω 1/16W J  | 1     |
|      |            | R4077     | RK73HB1J101J  | MG RESISTOR  | 100Ω 1/16W J  | 1     |
|      |            | R4078     | RK73HB1J680J  | MG RESISTOR  | 68Ω 1/16W J   | 1     |
|      |            | R4079     | RK73HB1J680J  | MG RESISTOR  | 68Ω 1/16W J   | 1     |
|      |            | R4083     | RK73HB1J680J  | MG RESISTOR  | 68Ω 1/16W J   | 1     |
|      |            | R4087     | RK73HB1J680J  | MG RESISTOR  | 68Ω 1/16W J   | 1     |
|      |            | R4091     | RK73HB1J680J  | MG RESISTOR  | 68Ω 1/16W J   | 1     |
|      |            | R4127     | RK73HB1J101J  | MG RESISTOR  | 100Ω 1/16W J  | 1     |
|      |            | R4128     | RK73HB1J101J  | MG RESISTOR  | 100Ω 1/16W J  | 1     |
|      |            | R4129     | RK73HB1J470J  | MG RESISTOR  | 47Ω 1/16W J   | 1     |
|      |            | R4130     | RK73HB1J102J  | MG RESISTOR  | 1kΩ 1/16W J   | 1     |
|      |            | R4131     | RK73HB1J101J  | MG RESISTOR  | 100Ω 1/16W J  | 1     |
|      |            | R4132     | RK73HB1J220J  | MG RESISTOR  | 22Ω 1/16W J   | 1     |
|      |            | R4133     | RK73HB1J470J  | MG RESISTOR  | 47Ω 1/16W J   | 1     |
|      |            | R4136     | RK73HB1J470J  | MG RESISTOR  | 47Ω 1/16W J   | 1     |
|      |            | R4137     | RK73HB1J101J  | MG RESISTOR  | 100Ω 1/16W J  | 1     |
|      |            | R4138     | RK73HB1J330J  | MG RESISTOR  | 33Ω 1/16W J   | 1     |
|      |            | R4146     | RK73HB1J472J  | MG RESISTOR  | 4.7kΩ 1/16W J | 1     |
|      |            | R4157     | RK73HB1J000J  | MG RESISTOR  | 0Ω 1/16W J    | 1     |
|      |            | R4161     | RK73HB1J101J  | MG RESISTOR  | 100Ω 1/16W J  | 1     |
|      |            | R4164     | RK73HB1J103D  | MG RESISTOR  | 10kΩ 1/16W D  | 1     |
|      |            | R4166     | RK73HB1J2R2J  | MG RESISTOR  | 2.2Ω 1/16W J  | 1     |
|      |            | R4167     | RK73HB1J000J  | MG RESISTOR  | 0Ω 1/16W J    | 1     |
|      |            | R4402     | RK73HB1J680J  | MG RESISTOR  | 68Ω 1/16W J   | 1     |
|      |            | R4501     | RK73HB1J000J  | MG RESISTOR  | 0Ω 1/16W J    | 1     |
|      |            | R4502     | RK73HB1J680J  | MG RESISTOR  | 68Ω 1/16W J   | 1     |
|      |            | R4503     | RK73HB1J000J  | MG RESISTOR  | 0Ω 1/16W J    | 1     |
|      |            | R4516     | RK73HB1J000J  | MG RESISTOR  | 0Ω 1/16W J    | 1     |
|      |            | R4517     | RK73HB1J000J  | MG RESISTOR  | 0Ω 1/16W J    | 1     |
|      |            | R4601     | RK73HB1J391J  | MG RESISTOR  | 390Ω 1/16W J  | 1     |
|      |            | R4606     | RK73HB1J152J  | MG RESISTOR  | 1.5kΩ 1/16W J | 1     |
|      |            | R4608     | RK73HB1J471J  | MG RESISTOR  | 470Ω 1/16W J  | 1     |
|      |            | R4611     | RK73HB1J470J  | MG RESISTOR  | 47Ω 1/16W J   | 1     |
|      |            | R4613     | RK73HB1J103J  | MG RESISTOR  | 10kΩ 1/16W J  | 1     |
|      |            | R4614     | RK73HB1J103J  | MG RESISTOR  | 10kΩ 1/16W J  | 1     |
|      |            | R4615     | RK73HB1J151J  | MG RESISTOR  | 150Ω 1/16W J  | 1     |
|      |            | R4618     | RK73HB1J471J  | MG RESISTOR  | 470Ω 1/16W J  | 1     |
|      |            | R4621     | RK73HB1J470J  | MG RESISTOR  | 47Ω 1/16W J   | 1     |
|      |            | R4623     | RK73HB1J103J  | MG RESISTOR  | 10kΩ 1/16W J  | 1     |
|      |            | R4624     | RK73HB1J103J  | MG RESISTOR  | 10kΩ 1/16W J  | 1     |
|      |            | R4625     | RK73HB1J151J  | MG RESISTOR  | 150Ω 1/16W J  | 1     |
|      |            | R4628     | RK73HB1J471J  | MG RESISTOR  | 470Ω 1/16W J  | 1     |
|      |            | R4631     | RK73HB1J470J  | MG RESISTOR  | 47Ω 1/16W J   | 1     |
|      |            | R4633     | RK73HB1J103J  | MG RESISTOR  | 10kΩ 1/16W J  | 1     |
|      |            | R4634     | RK73HB1J103J  | MG RESISTOR  | 10kΩ 1/16W J  | 1     |
|      |            | R4635     | RK73HB1J151J  | MG RESISTOR  | 150Ω 1/16W J  | 1     |
|      |            | R4638     | RK73HB1J471J  | MG RESISTOR  | 470Ω 1/16W J  | 1     |
|      |            | R4640     | RK73HB1J4R7J  | MG RESISTOR  | 4.7Ω 1/16W J  | 1     |
|      |            | R5001     | RK73HH1J101D  | MG RESISTOR  | 100Ω 1/16W D  | 1     |
|      |            | R5002     | RK73HH1J161D  | MG RESISTOR  | 160Ω 1/16W D  | 1     |
|      |            | R5003     | RK73HH1J430D  | MG RESISTOR  | 43Ω 1/16W D   | 1     |
|      |            | R5004     | RK73HH1J360D  | MG RESISTOR  | 36Ω 1/16W D   | 1     |
|      |            | R5005     | RK73HH1J101D  | MG RESISTOR  | 100Ω 1/16W D  | 1     |
|      |            | R5006     | RK73HH1J161D  | MG RESISTOR  | 160Ω 1/16W D  | 1     |
|      |            | R5007     | RK73HH1J101D  | MG RESISTOR  | 100Ω 1/16W D  | 1     |
|      |            | R5008     | RK73HH1J360D  | MG RESISTOR  | 36Ω 1/16W D   | 1     |
|      |            | R5009     | RK73HH1J430D  | MG RESISTOR  | 43Ω 1/16W D   | 1     |
|      |            | R5010     | RK73HH1J161D  | MG RESISTOR  | 160Ω 1/16W D  | 1     |
|      |            | R5011     | RK73HH1J620D  | MG RESISTOR  | 62Ω 1/16W D   | 1     |
|      |            | R5020     | RK73HB1J101J  | MG RESISTOR  | 100Ω 1/16W J  | 1     |
|      |            | R5106     | RK73HH1J822D  | MG RESISTOR  | 8.2kΩ 1/16W D | 1     |
|      |            | R5107     | RK73HH1J472D  | MG RESISTOR  | 4.7kΩ 1/16W D | 1     |
|      |            | R5109     | RK73HB1J105J  | MG RESISTOR  | 1MΩ 1/16W J   | 1     |
|      |            | R5201     | RK73HB1J473J  | MG RESISTOR  | 47kΩ 1/16W J  | 1     |
|      |            | R5203     | RK73HB1J183J  | MG RESISTOR  | 18kΩ 1/16W J  | 1     |
|      |            | R5204     | RK73HB1J183J  | MG RESISTOR  | 18kΩ 1/16W J  | 1     |
|      |            | R5205     | RK73HB1J471J  | MG RESISTOR  | 470Ω 1/16W J  | 1     |
|      |            | R5302     | RK73HB1J103J  | MG RESISTOR  | 10kΩ 1/16W J  | 1     |
|      |            | R5303     | RK73HH1J103D  | MG RESISTOR  | 10kΩ 1/16W D  | 1     |
|      |            | R5304     | RK73HH1J562D  | MG RESISTOR  | 5.6kΩ 1/16W D | 1     |
|      |            | RA401     | RK74HB1J680J  | NET RESISTOR | 68Ω 1/16W J   | 1     |
|      |            | RA402     | RK74HB1J680J  | NET RESISTOR | 68Ω 1/16W J   | 1     |
|      |            | RA403     | RK74HB1J680J  | NET RESISTOR | 68Ω 1/16W J   | 1     |
|      |            | RA404     | RK74HB1J680J  | NET RESISTOR | 68Ω 1/16W J   | 1     |

| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe                                 | Symbol No. | Parts No.     | Parts Name      | Description    | QTY | Local                                |
|--------------------------------------|------------|---------------|-----------------|----------------|-----|--------------------------------------|
|                                      | RA405      | RK74HB1J680J  | NET RESISTOR    | 68Ω 1/16W J    | 1   |                                      |
|                                      | RA406      | RK74HB1J680J  | NET RESISTOR    | 68Ω 1/16W J    | 1   |                                      |
|                                      | RA407      | RK74HB1J680J  | NET RESISTOR    | 68Ω 1/16W J    | 1   |                                      |
|                                      | RA408      | RK74HB1J680J  | NET RESISTOR    | 68Ω 1/16W J    | 1   |                                      |
|                                      | RA409      | RK74HB1J680J  | NET RESISTOR    | 68Ω 1/16W J    | 1   |                                      |
|                                      | RA415      | RK74HB1J101J  | NET RESISTOR    | 100Ω 1/16W J   | 1   |                                      |
|                                      | RA416      | RK74HB1J101J  | NET RESISTOR    | 100Ω 1/16W J   | 1   |                                      |
|                                      | RA417      | RK74HB1J101J  | NET RESISTOR    | 100Ω 1/16W J   | 1   |                                      |
|                                      | RA418      | RK74HB1J101J  | NET RESISTOR    | 100Ω 1/16W J   | 1   |                                      |
|                                      | RA419      | RK74HB1J101J  | NET RESISTOR    | 100Ω 1/16W J   | 1   |                                      |
|                                      | RA420      | RK74HB1J330J  | NET RESISTOR    | 33Ω 1/16W J    | 1   |                                      |
|                                      | L4001      | L33-2543-08   | COIL            | 47uH M         | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | L4001      | LR73Z0AD470M  | COIL            | 47uH           | 1   | K4                                   |
|                                      | L4601      | L33-2654-08   | COIL            | 47uH J         | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | L4601      | NQLD8DJ-470X  | COIL            | 47uH J         | 1   | K4                                   |
|                                      | CN401      | QGF0534F7-30X | CONNECTOR       | FFC/FPC (1-30) | 1   |                                      |
|                                      | CN501      | E41-3310-08   | CONNECTOR       | FFC/FPC (1-60) | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | CN501      | QGF0572F1-60X | CONNECTOR       | FFC/FPC (1-60) | 1   | K4                                   |
|                                      | X4001      | L77-3860-08   | CRYSTAL         |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | X4001      | NAX1038-001X  | CRYSTAL         |                | 1   | K4                                   |
| PANEL-B PWB ASSY (LVA11280-02A) <PB> |            |               |                 |                |     |                                      |
|                                      | IC651      | PIC95603      | IR DETECT UNIT  |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | IC651      | PIC95603-X    | IR DETECT UNIT  |                | 1   | K4                                   |
|                                      | Q6001      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6001      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6002      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6002      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6003      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6003      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6004      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6004      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6005      | DSC7004/RS/-X | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6005      | 2SD1664/QR/   | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6006      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6006      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6007      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6007      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6008      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6008      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6009      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6009      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6010      | DRA9114E      | DIGI TRANSISTOR |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6010      | LTA014EEBFS8  | DIGI TRANSISTOR |                | 1   | K4                                   |
|                                      | Q6011      | DRC9114E      | DIGI TRANSISTOR |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6011      | LTC014EEBFS8  | DIGI TRANSISTOR |                | 1   | K4                                   |
|                                      | Q6041      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6041      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6042      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6042      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6043      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6043      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6044      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6044      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6045      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6045      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6046      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6046      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6047      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6047      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6048      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6048      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6201      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6201      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6202      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>.E1,Q1,K1,K0 |
|                                      | Q6202      | LSCR523UBFS8  | TRANSISTOR      |                | 1   | K4                                   |
|                                      | Q6203      | DSC5001/R/    | TRANSISTOR      |                | 1   | R2,K3,E3,Q2,R1,K2,E2                 |

| MODEL      | MARK       | MODEL         | MARK        | MODEL         | MARK | MODEL                | MARK |
|------------|------------|---------------|-------------|---------------|------|----------------------|------|
| DDX2071    | R2         | DDX271        | K3          | DDX3025       | E3   | DDX3055              | Q2   |
| DDX3071BT  | R1         | DDX310BT      | K4          | DDX371        | K2   | DDX4025BT            | E2   |
| DDX4025DAB | E1         | DDX4055BT     | Q1          | DDX471HD      | K1   | DDX491HD             | K0   |
| Safe       | Symbol No. | Parts No.     | Parts Name  | Description   | QTY  | Local                |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | Q6203      | LSCR523UBFS8  | TRANSISTOR  |               | 1    | K4                   |      |
|            | D6041      | DZ2J180M/-X   | Z DIODE     |               | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | D6041      | DZ2J180M      | Z DIODE     |               | 1    | K4                   |      |
|            | D6042      | DA2J101-X     | SI DIODE    |               | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | D6042      | DA2J101       | DIODE       |               | 1    | K4                   |      |
|            | D6101      | DZ2J062M/-X   | Z DIODE     |               | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | D6101      | DZ2J062M      | Z DIODE     |               | 1    | K4                   |      |
|            | D6102      | DZ2J062M/-X   | Z DIODE     |               | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | D6102      | DZ2J062M      | Z DIODE     |               | 1    | K4                   |      |
|            | D6103      | DZ2J062M/-X   | Z DIODE     |               | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | D6103      | DZ2J062M      | Z DIODE     |               | 1    | K4                   |      |
|            | D6104      | DZ2J062M/-X   | Z DIODE     |               | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | D6104      | DZ2J062M      | Z DIODE     |               | 1    | K4                   |      |
|            | D6501      | B30-3227-08   | LED         |               | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | D6501      | NSSM065T-X    | LED         |               | 1    | K4                   |      |
|            |            |               |             |               |      |                      |      |
|            | D6502      | B30-3227-08   | LED         |               | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | D6502      | NSSM065T-X    | LED         |               | 1    | K4                   |      |
|            | D6506      | SML-D12V8W/PQ | LED         |               | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | D6506      | SML-D12V8WSPQ | LED         |               | 1    | K4                   |      |
|            | D6507      | SML-D12V8W/PQ | LED         |               | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | D6507      | SML-D12V8WSPQ | LED         |               | 1    | K4                   |      |
|            | C6002      | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K   | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | C6002      | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K   | 1    | K4                   |      |
|            | C6003      | CK73FB1E105K  | C CAPACITOR | 1uF 25V K     | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | C6003      | NCB21EK-105X  | C CAPACITOR | 1uF 25V K     | 1    | K4                   |      |
|            | C6004      | CK73GB1H104K  | C CAPACITOR | 0.1uF 50V K   | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | C6004      | NCB31HK-104X  | C CAPACITOR | 0.1uF 50V K   | 1    | K4                   |      |
|            | C6015      | CK73FB0J106K  | C CAPACITOR | 10uF 6.3V K   | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | C6015      | NCB20JK-106X  | C CAPACITOR | 10uF 6.3V K   | 1    | K4                   |      |
|            | C6101      | CC73GCH1H101J | C CAPACITOR | 100pF 50V J   | 1    |                      |      |
|            | C6102      | CC73GCH1H101J | C CAPACITOR | 100pF 50V J   | 1    |                      |      |
|            | C6103      | CC73GCH1H101J | C CAPACITOR | 100pF 50V J   | 1    |                      |      |
|            | C6104      | CC73GCH1H101J | C CAPACITOR | 100pF 50V J   | 1    |                      |      |
|            | C6502      | CK73FB0J106K  | C CAPACITOR | 10uF 6.3V K   | 1    | R2,K3,E3,Q2,R1,K2,E2 |      |
|            |            |               |             |               |      | .E1,Q1,K1,K0         |      |
|            | C6502      | NCB20JK-106X  | C CAPACITOR | 10uF 6.3V K   | 1    | K4                   |      |
|            |            |               |             |               |      |                      |      |
|            | R6001      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6002      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6003      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6004      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6005      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6006      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6007      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6008      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6012      | RK73HB1J122J  | MG RESISTOR | 1.2kΩ 1/16W J | 1    |                      |      |
|            | R6013      | RK73HB1J121J  | MG RESISTOR | 120Ω 1/16W J  | 1    |                      |      |
|            | R6017      | RK73HB1J000J  | MG RESISTOR | 0Ω 1/16W J    | 1    |                      |      |
|            | R6018      | RK73HB1J000J  | MG RESISTOR | 0Ω 1/16W J    | 1    |                      |      |
|            | R6019      | RK73HB1J000J  | MG RESISTOR | 0Ω 1/16W J    | 1    |                      |      |
|            | R6020      | RK73HB1J000J  | MG RESISTOR | 0Ω 1/16W J    | 1    |                      |      |
|            | R6021      | RK73PB2H8R2J  | MG RESISTOR | 8.2Ω 1/2W J   | 1    |                      |      |
|            | R6022      | RK73PB2H8R2J  | MG RESISTOR | 8.2Ω 1/2W J   | 1    |                      |      |
|            | R6023      | RK73PB2H8R2J  | MG RESISTOR | 8.2Ω 1/2W J   | 1    |                      |      |
|            | R6024      | RK73PB2H8R2J  | MG RESISTOR | 8.2Ω 1/2W J   | 1    |                      |      |
|            | R6025      | RK73PB2H8R2J  | MG RESISTOR | 8.2Ω 1/2W J   | 1    |                      |      |
|            | R6026      | RK73PB2H8R2J  | MG RESISTOR | 8.2Ω 1/2W J   | 1    |                      |      |
|            |            |               |             |               |      |                      |      |
|            | R6027      | RK73PB2H8R2J  | MG RESISTOR | 8.2Ω 1/2W J   | 1    |                      |      |
|            | R6028      | RK73PB2H8R2J  | MG RESISTOR | 8.2Ω 1/2W J   | 1    |                      |      |
|            | R6041      | RK73HB1J000J  | MG RESISTOR | 0Ω 1/16W J    | 1    |                      |      |
|            | R6042      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6043      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6044      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6045      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6046      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6047      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6048      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6049      | RK73HH1J241D  | MG RESISTOR | 240Ω 1/16W D  | 1    |                      |      |
|            | R6201      | RK73HB1J473J  | MG RESISTOR | 47kΩ 1/16W J  | 1    |                      |      |
|            | R6202      | RK73HB1J473J  | MG RESISTOR | 47kΩ 1/16W J  | 1    |                      |      |
|            | R6203      | RK73HB1J473J  | MG RESISTOR | 47kΩ 1/16W J  | 1    |                      |      |
|            | R6204      | RK73HH1J301D  | MG RESISTOR | 300Ω 1/16W D  | 1    |                      |      |
|            | R6207      | RK73HH1J271D  | MG RESISTOR | 270Ω 1/16W D  | 1    |                      |      |
|            | R6208      | RK73HH1J301D  | MG RESISTOR | 300Ω 1/16W D  | 1    |                      |      |
|            | R6209      | RK73HH1J331D  | MG RESISTOR | 330Ω 1/16W D  | 1    |                      |      |
|            | R6210      | RK73HH1J391D  | MG RESISTOR | 390Ω 1/16W D  | 1    |                      |      |
|            | R6212      | RK73GB2A470J  | MG RESISTOR | 47Ω 1/10W J   | 1    |                      |      |
|            |            |               |             |               |      |                      |      |
|            | R6502      | RK73GB2A182J  | MG RESISTOR | 1.8kΩ 1/16W J | 1    |                      |      |

| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe                            | Symbol No. | Parts No.     | Parts Name     | Description    | QTY | Local                                |
|---------------------------------|------------|---------------|----------------|----------------|-----|--------------------------------------|
|                                 | R6504      | RK73GB2A182J  | MG RESISTOR    | 1.8kΩ 1/10W J  | 1   |                                      |
|                                 | R6505      | RK73GB2A242J  | MG RESISTOR    | 2.4kΩ 1/10W J  | 1   |                                      |
|                                 | R6507      | RK73HB1J100J  | MG RESISTOR    | 10Ω 1/16W J    | 1   |                                      |
|                                 | R6508      | RK73HB1J561J  | MG RESISTOR    | 560Ω 1/16W J   | 1   |                                      |
|                                 | R6509      | RK73HB1J182J  | MG RESISTOR    | 1.8kΩ 1/16W J  | 1   |                                      |
|                                 | R6510      | RK73HB1J222J  | MG RESISTOR    | 2.2kΩ 1/16W J  | 1   |                                      |
|                                 | RA601      | RK74HB1J821J  | NET RESISTOR   | 820Ω 1/16W J   | 1   |                                      |
|                                 | RA602      | RK74HB1J102J  | NET RESISTOR   | 1kΩ 1/16W J    | 1   |                                      |
|                                 | RA603      | RK74HB1J470J  | NET RESISTOR   | 47Ω 1/16W J    | 1   |                                      |
|                                 | RA6512     | RK74HB1J561J  | NET RESISTOR   | 560Ω 1/16W J   | 1   |                                      |
|                                 | RA6514     | RK74HB1J561J  | NET RESISTOR   | 560Ω 1/16W J   | 1   |                                      |
|                                 | RA6516     | RK74HB1J561J  | NET RESISTOR   | 560Ω 1/16W J   | 1   |                                      |
|                                 | L6001      | L33-2543-08   | COIL           | 47uH M         | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                 | L6001      | LR73Z0AD470M  | COIL           | 47uH           | 1   | K4                                   |
|                                 | CN603      | QGF0534F7-30X | CONNECTOR      | FFC/FPC (1-30) | 1   |                                      |
|                                 | CN604      | QGF0534F7-15X | CONNECTOR      | FFC/FPC (1-15) | 1   |                                      |
|                                 | CN606      | E41-3300-08   | CONNECTOR      | FFC/FPC (1-4)  | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                 | CN606      | QGF1041C4-04W | CONNECTOR      | FFC/FPC (1-4)  | 1   | K4                                   |
|                                 | CN607      | E41-1486-05   | CONNECTOR      | W-B (1-2)      | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                 | CN607      | QGA1002F1-02X | CONNECTOR      | W-B (1-2)      | 1   | K4                                   |
|                                 | CN610      | QGF0534F7-45X | CONNECTOR      | FFC/FPC (1-45) | 1   |                                      |
|                                 | CN651      | QGF0534F7-15X | CONNECTOR      | FFC/FPC (1-15) | 1   |                                      |
|                                 | JS651      | T99-0484-05   | ROTARY ENCODER |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                 | JS651      | QSW1279-001   | ROTARY ENCODER |                | 1   | K4                                   |
|                                 | S6501      | S70-0960-05   | TACT SWITCH    |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                 | S6501      | NSW0335-001X  | TACT SWITCH    |                | 1   | K4                                   |
|                                 | S6502      | S70-0960-05   | TACT SWITCH    |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                 | S6502      | NSW0335-001X  | TACT SWITCH    |                | 1   | K4                                   |
|                                 | S6503      | S70-0960-05   | TACT SWITCH    |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                 | S6503      | NSW0335-001X  | TACT SWITCH    |                | 1   | K4                                   |
|                                 | S6504      | S70-0960-05   | TACT SWITCH    |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                 | S6504      | NSW0335-001X  | TACT SWITCH    |                | 1   | K4                                   |
|                                 | S6505      | S70-0960-05   | TACT SWITCH    |                | 1   | R2,K3,E3,Q2,R1,K2,E2<br>,E1,Q1,K1,K0 |
|                                 | S6505      | NSW0335-001X  | TACT SWITCH    |                | 1   | K4                                   |
|                                 | VA628      | NAF0044-270X  | VARISTOR(ZNR)  |                | 1   |                                      |
|                                 | VA630      | NAF0044-270X  | VARISTOR(ZNR)  |                | 1   |                                      |
|                                 | VA632      | NAF0044-270X  | VARISTOR(ZNR)  |                | 1   |                                      |
|                                 | VA633      | NAF0044-270X  | VARISTOR(ZNR)  |                | 1   |                                      |
|                                 | VA636      | NAF0044-270X  | VARISTOR(ZNR)  |                | 1   |                                      |
|                                 | VA638      | NAF0044-270X  | VARISTOR(ZNR)  |                | 1   |                                      |
|                                 | VA640      | NAF0044-270X  | VARISTOR(ZNR)  |                | 1   |                                      |
| BT PWB ASSY (LVA11275-01A) <BT> |            |               |                |                |     |                                      |
|                                 | Q3001      | DSC5001/R/    | TRANSISTOR     |                | 1   | R1,K2,E2,E1,Q1,K1,K0                 |
|                                 | Q3001      | LSCR523UBFS8  | TRANSISTOR     |                | 1   | K4                                   |
|                                 | D3001      | DA204U        | SI DIODE       |                | 1   | R1,K2,E2,E1,Q1,K1,K0                 |
|                                 | D3001      | DA204U-X      | SI DIODE       |                | 1   | K4                                   |
|                                 | D3003      | DA204U        | SI DIODE       |                | 1   | R1,K2,E2,E1,Q1,K1,K0                 |
|                                 | D3003      | DA204U-X      | SI DIODE       |                | 1   | K4                                   |
|                                 | D3004      | DA2J101-X     | SI DIODE       |                | 1   | R1,K2,E2,E1,Q1,K1,K0                 |
|                                 | D3004      | DA2J101       | DIODE          |                | 1   | K4                                   |
|                                 | D3005      | DA2J101-X     | SI DIODE       |                | 1   | R1,K2,E2,E1,Q1,K1,K0                 |
|                                 | D3005      | DA2J101       | DIODE          |                | 1   | K4                                   |
|                                 | D3006      | DZ2J056/M/-X  | Z DIODE        |                | 1   | R1,K2,E2,E1,Q1,K1,K0                 |
|                                 | D3006      | DZ2J056M      | Z DIODE        |                | 1   | K4                                   |
|                                 | D3007      | DA204U        | SI DIODE       |                | 1   | R1,K2,E2,E1,Q1,K1,K0                 |
|                                 | D3007      | DA204U-X      | SI DIODE       |                | 1   | K4                                   |
|                                 | D3008      | DA204U        | SI DIODE       |                | 1   | R1,K2,E2,E1,Q1,K1,K0                 |
|                                 | D3008      | DA204U-X      | SI DIODE       |                | 1   | K4                                   |
|                                 | C3003      | CK73GB1H104K  | C CAPACITOR    | 0.1uF 50V K    | 1   | R1,K2,E2,E1,Q1,K1,K0                 |
|                                 | C3003      | NCB31HK-104X  | C CAPACITOR    | 0.1uF 50V K    | 1   | K4                                   |
|                                 | C3004      | DA2J101-X     | C CAPACITOR    | 1uF 16V K      | 1   | R1,K2,E2,E1,Q1,K1,K0                 |
|                                 | C3004      | NCB31CK-105X  | C CAPACITOR    | 1uF 16V K      | 1   | K4                                   |
|                                 | C3005      | DA2J101-X     | C CAPACITOR    | 1uF 16V K      | 1   | R1,K2,E2,E1,Q1,K1,K0                 |
|                                 | C3005      | NCB31CK-105X  | C CAPACITOR    | 1uF 16V K      | 1   | K4                                   |
|                                 | C3006      | DA2J101-X     | C CAPACITOR    | 1uF 16V K      | 1   | R1,K2,E2,E1,Q1,K1,K0                 |
|                                 | C3006      | NCB31CK-105X  | C CAPACITOR    | 1uF 16V K      | 1   | K4                                   |
|                                 | C3007      | DA2J101-X     | C CAPACITOR    | 1uF 16V K      | 1   | R1,K2,E2,E1,Q1,K1,K0                 |
|                                 | C3007      | NCB31CK-105X  | C CAPACITOR    | 1uF 16V K      | 1   | K4                                   |
|                                 | C3008      | CK73GBB1H103K | C CAPACITOR    | 0.01uF 50V K   | 1   | R1,K4,K2,E2,E1,Q1,K1<br>,K0          |
|                                 | C3009      | CK730BW0J226M | C CAPACITOR    | 22uF 6.3V M    | 1   | R1,K4,K2,E2,E1,Q1,K1<br>,K0          |
|                                 | C3010      | CK730BW1C106K | C CAPACITOR    | 10uF 16V K     | 1   | R1,K4,K2,E2,E1,Q1,K1<br>,K0          |
|                                 | R3007      | RK73GB2A473J  | MG RESISTOR    | 47kΩ 1/16W J   | 1   | R1,K4,K2,E2,E1,Q1,K1<br>,K0          |
|                                 | R3010      | RK73GB2A222J  | MG RESISTOR    | 2.2kΩ 1/16W J  | 1   | R1,K4,K2,E2,E1,Q1,K1<br>,K0          |
|                                 | R3012      | RK73HB1J680J  | MG RESISTOR    | 68Ω 1/16W J    | 1   | R1,K4,K2,E2,E1,Q1,K1<br>,K0          |
|                                 | R3013      | RK73HB1J680J  | MG RESISTOR    | 68Ω 1/16W J    | 1   | R1,K4,K2,E2,E1,Q1,K1<br>,K0          |
|                                 | R3014      | RK73HB1J122J  | MG RESISTOR    | 1.2kΩ 1/16W J  | 1   | R1,K4,K2,E2,E1,Q1,K1                 |

| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe | Symbol No. | Parts No.     | Parts Name | Description    | QTY | Local                   |
|------|------------|---------------|------------|----------------|-----|-------------------------|
|      | L3002      | L33-2543-08   | COIL       | 47uH M         | 1   | ,K0                     |
|      | L3002      | LR73Z0AD470M  | COIL       | 47uH           | 1   | R1,K2,E2,E1,Q1,K1,K0    |
|      | A301       | X17-2220-13   | RF MODULE  |                | 1   | K4                      |
|      | A301       | QAU0559-001   | RF MODULE  |                | 1   | R1,K2,E2,E1,Q1,K1,K0    |
|      | CN301      | E41-3067-08   | CONNECTOR  | W-B (1-2)      | 1   | R1,K2,E2,E1,Q1,K1,K0    |
|      | CN301      | QGA2001C1-02  | CONNECTOR  | W-B (1-2)      | 1   | K4                      |
|      | CN302      | QGF0534F7-12X | CONNECTOR  | FFC/FPC (1-12) | 1   | R1,K4,K2,E2,E1,Q1,K1,K0 |

# DVD MECHA PWB ASSY (LVA11172-06A) IN DVD MECHA <DV>

|       |                |                  |               |   |  |
|-------|----------------|------------------|---------------|---|--|
| IC101 | RT3CLLM-1/EF/  | DUAL TRANSISTOR  |               | 1 |  |
| IC102 | RT3K11M-X      | MOS FET ARRAY    |               | 1 |  |
| IC201 | AN41250A-X     | IC               |               | 1 |  |
| IC301 | MN2DS0041MD    | IC               |               | 1 |  |
| IC381 | JVM663C        | PROGRAMED IC     |               | 1 |  |
| IC391 | M12L128168A6TG | SV-DRAM IC       |               | 1 |  |
| IC401 | AK4387ET       | ANALOG IC        |               | 1 |  |
| IC551 | MFI337S3959-X  | IC               |               | 1 |  |
| IC921 | BD12KA5FP-X    | IC               |               | 1 |  |
| Q4    | 2SC1623/5-6/-X | TRANSISTOR       |               | 1 |  |
| Q11   | 2SC1623/5-6/-X | TRANSISTOR       |               | 1 |  |
| Q12   | LTC044EEBFS8   | DIGI TRANSISTOR  |               | 1 |  |
| Q101  | 2SB1709-X      | TRANSISTOR       |               | 1 |  |
| Q102  | 2SB1709-X      | TRANSISTOR       |               | 1 |  |
| Q103  | LSCR523EBFS8   | TRANSISTOR       |               | 1 |  |
| Q302  | LTC044EEBFS8   | DIGI TRANSISTOR  |               | 1 |  |
| Q341  | RT1N441U-1     | DIGI TRANSISTOR  |               | 1 |  |
| D6    | TAN1102W-22-X  | IR LED           |               | 1 |  |
| D7    | TAN1102W-22-X  | IR LED           |               | 1 |  |
| D9    | PS1192HB-22-X  | PHOTO TRANSISTOR |               | 1 |  |
| D11   | PS1192HB-22-X  | PHOTO TRANSISTOR |               | 1 |  |
| C101  | CK730BW0J226M  | C CAPACITOR      | 22uF 6.3V M   | 1 |  |
| C102  | CK730BY0J476M  | C CAPACITOR      | 47uF 6.3V M   | 1 |  |
| C103  | CK730BY0J476M  | C CAPACITOR      | 47uF 6.3V M   | 1 |  |
| C105  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C106  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C107  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C109  | CK73HBB1C104K  | C CAPACITOR      | 0.1uF 16V K   | 1 |  |
| C110  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C111  | NCB31CK-105X   | C CAPACITOR      | 1uF 16V K     | 1 |  |
| C112  | CK730BW0J226M  | C CAPACITOR      | 22uF 6.3V M   | 1 |  |
| C113  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C114  | CC73HCH1H101J  | C CAPACITOR      | 100pF 50V J   | 1 |  |
| C121  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C122  | CK73HBB1C333K  | C CAPACITOR      | 0.033uF 16V K | 1 |  |
| C123  | CK73HBB1C104K  | C CAPACITOR      | 0.1uF 16V K   | 1 |  |
| C124  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C131  | CK73HBB1H272K  | C CAPACITOR      | 2700pF 50V K  | 1 |  |
| C133  | NCJA1AK-684W-A | C CAPACITOR      | 0.68uF 10V K  | 1 |  |
| C134  | NCJA1AK-684W-A | C CAPACITOR      | 0.68uF 10V K  | 1 |  |
| C135  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C136  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C137  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C138  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C139  | CC73HCH1H150J  | C CAPACITOR      | 15pF 50V J    | 1 |  |
| C151  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C170  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C201  | CK730BW0J226M  | C CAPACITOR      | 22uF 6.3V M   | 1 |  |
| C202  | CK730AX0J106K  | C CAPACITOR      | 10uF 6.3V K   | 1 |  |
| C203  | CK730AX0J106K  | C CAPACITOR      | 10uF 6.3V K   | 1 |  |
| C204  | CK73HBB1C104K  | C CAPACITOR      | 0.1uF 16V K   | 1 |  |
| C205  | CK73HBB1E103K  | C CAPACITOR      | 0.01uF 25V K  | 1 |  |
| C206  | CK730BU0J475K  | C CAPACITOR      | 4.7uF 6.3V K  | 1 |  |
| C207  | CK73HBB1E103K  | C CAPACITOR      | 0.01uF 25V K  | 1 |  |
| C208  | CK73HBB1E103K  | C CAPACITOR      | 0.01uF 25V K  | 1 |  |
| C241  | CK73HBB1E153K  | C CAPACITOR      | 0.015uF 25V K | 1 |  |
| C242  | CK73HBB1E153K  | C CAPACITOR      | 0.015uF 25V K | 1 |  |
| C243  | CK73HBB1E223K  | C CAPACITOR      | 0.022uF 25V K | 1 |  |
| C244  | CK73HBB1E223K  | C CAPACITOR      | 0.022uF 25V K | 1 |  |
| C251  | CK73HBB1E103K  | C CAPACITOR      | 0.01uF 25V K  | 1 |  |
| C261  | CK73HBB1H472K  | C CAPACITOR      | 4700pF 50V K  | 1 |  |
| C291  | CK73HBB1E103K  | C CAPACITOR      | 0.01uF 25V K  | 1 |  |
| C301  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C302  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C303  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C304  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C305  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C306  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C307  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C311  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C312  | CK73GBB1H222K  | C CAPACITOR      | 2200pF 50V K  | 1 |  |
| C313  | CK73GBB1H682K  | C CAPACITOR      | 6800pF 50V K  | 1 |  |
| C314  | CK73HBB1H222K  | C CAPACITOR      | 2200pF 50V K  | 1 |  |
| C315  | CK73HBB1H222K  | C CAPACITOR      | 2200pF 50V K  | 1 |  |
| C316  | CK730BS0J105K  | C CAPACITOR      | 1uF 6.3V K    | 1 |  |
| C317  | CK730BS0J105K  | C CAPACITOR      | 1uF 6.3V K    | 1 |  |
| C318  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C319  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C320  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |
| C322  | CK73HBB1A104K  | C CAPACITOR      | 0.1uF 10V K   | 1 |  |



| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe | Symbol No. | Parts No.      | Parts Name  | Description   | QTY | Local |
|------|------------|----------------|-------------|---------------|-----|-------|
|      | C324       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C325       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C326       | CK73HBB1E103K  | C CAPACITOR | 0.01uF 25V K  | 1   |       |
|      | C327       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C329       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C330       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C331       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C332       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C333       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C351       | CC73HCH1H120J  | C CAPACITOR | 12pF 50V J    | 1   |       |
|      | C352       | CC73HCH1H120J  | C CAPACITOR | 12pF 50V J    | 1   |       |
|      | C382       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C391       | CK730AX0J106K  | C CAPACITOR | 10uF 6.3V K   | 1   |       |
|      | C392       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C396       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C398       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C401       | CK730BY1A476K  | C CAPACITOR | 47uF 10V K    | 1   |       |
|      | C402       | CK73HBB1C104K  | C CAPACITOR | 0.1uF 16V K   | 1   |       |
|      | C403       | CK73HBB1C104K  | C CAPACITOR | 0.1uF 16V K   | 1   |       |
|      | C404       | NCB10JK-226X-R | C CAPACITOR | 22uF 6.3V K   | 1   |       |
|      | C405       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C406       | CK73HBB1H331K  | C CAPACITOR | 330pF 50V K   | 1   |       |
|      | C411       | CK73HBB1C473K  | C CAPACITOR | 0.047uF 16V K | 1   |       |
|      | C412       | CC73HCH1H101J  | C CAPACITOR | 100pF 50V J   | 1   |       |
|      | C511       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C701       | CK73HBB1C104K  | C CAPACITOR | 0.1uF 16V K   | 1   |       |
|      | C702       | CK73HBB1C104K  | C CAPACITOR | 0.1uF 16V K   | 1   |       |
|      | C703       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C704       | CK73HBB1C104K  | C CAPACITOR | 0.1uF 16V K   | 1   |       |
|      | C705       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C901       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K     | 1   |       |
|      | C911       | CK730BY0J476M  | C CAPACITOR | 47uF 6.3V M   | 1   |       |
|      | C912       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C913       | CK730BW0J226M  | C CAPACITOR | 22uF 6.3V M   | 1   |       |
|      | C914       | CK73HBB1A104K  | C CAPACITOR | 0.1uF 10V K   | 1   |       |
|      | C921       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K     | 1   |       |
|      | C923       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K     | 1   |       |
|      | R11        | RK73GB2A112J   | MG RESISTOR | 1.1kΩ 1/10W J | 1   |       |
|      | R12        | RK73HB1J184J   | MG RESISTOR | 180kΩ 1/16W J | 1   |       |
|      | R13        | RK73HB1J103J   | MG RESISTOR | 10kΩ 1/16W J  | 1   |       |
|      | R15        | RK73HB1J822J   | MG RESISTOR | 8.2kΩ 1/16W J | 1   |       |
|      | R17        | RK73HB1J473J   | MG RESISTOR | 47kΩ 1/16W J  | 1   |       |
|      | R21        | RK73GB2A112J   | MG RESISTOR | 1.1kΩ 1/10W J | 1   |       |
|      | R101       | RK73GB2A471J   | MG RESISTOR | 470Ω 1/10W J  | 1   |       |
|      | R102       | RK73HB1J471J   | MG RESISTOR | 470Ω 1/16W J  | 1   |       |
|      | R103       | RK73GB2A102J   | MG RESISTOR | 1kΩ 1/10W J   | 1   |       |
|      | R104       | RK73HB1J2R2J   | MG RESISTOR | 2.2Ω 1/16W J  | 1   |       |
|      | R111       | RK73GB2A471J   | MG RESISTOR | 470Ω 1/10W J  | 1   |       |
|      | R112       | RK73HB1J471J   | MG RESISTOR | 470Ω 1/16W J  | 1   |       |
|      | R113       | RK73GB2A102J   | MG RESISTOR | 1kΩ 1/10W J   | 1   |       |
|      | R114       | RK73HB1J2R2J   | MG RESISTOR | 2.2Ω 1/16W J  | 1   |       |
|      | R115       | NR20122-180X   | MG RESISTOR | 18Ω           | 1   |       |
|      | R116       | RK73HB1J242J   | MG RESISTOR | 2.4kΩ 1/16W J | 1   |       |
|      | R117       | RK73HB1J432J   | MG RESISTOR | 4.3kΩ 1/16W J | 1   |       |
|      | R121       | RK73HB1J101J   | MG RESISTOR | 100Ω 1/16W J  | 1   |       |
|      | R122       | RK73HB1J101J   | MG RESISTOR | 100Ω 1/16W J  | 1   |       |
|      | R123       | RK73HB1J104J   | MG RESISTOR | 100kΩ 1/16W J | 1   |       |
|      | R124       | RK73HB1J103J   | MG RESISTOR | 10kΩ 1/16W J  | 1   |       |
|      | R125       | RK73HB1J103J   | MG RESISTOR | 10kΩ 1/16W J  | 1   |       |
|      | R131       | RK73HH1J122D   | MG RESISTOR | 1.2kΩ 1/16W D | 1   |       |
|      | R132       | RK73HH1J122D   | MG RESISTOR | 1.2kΩ 1/16W D | 1   |       |
|      | R139       | RK73HB1J470J   | MG RESISTOR | 47Ω 1/16W J   | 1   |       |
|      | R151       | RK73HB1J472J   | MG RESISTOR | 4.7kΩ 1/16W J | 1   |       |
|      | R165       | RK73HB1J473J   | MG RESISTOR | 47kΩ 1/16W J  | 1   |       |
|      | R170       | RK73HH1J332D   | MG RESISTOR | 3.3kΩ 1/16W D | 1   |       |
|      | R171       | RK73HH1J162D   | MG RESISTOR | 1.6kΩ 1/16W D | 1   |       |
|      | R182       | RK73GB2A000J   | MG RESISTOR | 0Ω 1/10W J    | 1   |       |
|      | R201       | NR20098-R22X   | MG RESISTOR | 0.22Ω         | 1   |       |
|      | R202       | RK73EB2E301J   | MG RESISTOR | 300Ω 1/4W J   | 1   |       |
|      | R204       | RK73GB2A271J   | MG RESISTOR | 270Ω 1/10W J  | 1   |       |
|      | R212       | RK73GB2A103J   | MG RESISTOR | 10kΩ 1/10W J  | 1   |       |
|      | R213       | RK73GB2A000J   | MG RESISTOR | 0Ω 1/10W J    | 1   |       |
|      | R231       | RK73HB1J102J   | MG RESISTOR | 1kΩ 1/16W J   | 1   |       |
|      | R232       | RK73HB1J473J   | MG RESISTOR | 47kΩ 1/16W J  | 1   |       |
|      | R233       | RK73HB1J104J   | MG RESISTOR | 100kΩ 1/16W J | 1   |       |
|      | R241       | RK73HB1J103J   | MG RESISTOR | 10kΩ 1/16W J  | 1   |       |
|      | R242       | RK73HB1J103J   | MG RESISTOR | 10kΩ 1/16W J  | 1   |       |
|      | R243       | RK73HB1J103J   | MG RESISTOR | 10kΩ 1/16W J  | 1   |       |
|      | R244       | RK73HB1J103J   | MG RESISTOR | 10kΩ 1/16W J  | 1   |       |
|      | R251       | RK73GH2A333D   | MG RESISTOR | 33kΩ 1/10W D  | 1   |       |
|      | R252       | RK73GB2A821J   | MG RESISTOR | 820Ω 1/10W J  | 1   |       |
|      | R261       | RK73GH2A822D   | MG RESISTOR | 8.2Ω 1/10W D  | 1   |       |
|      | R262       | RK73GB2A242J   | MG RESISTOR | 2.4kΩ 1/10W J | 1   |       |
|      | R271       | RK73HB1J163J   | MG RESISTOR | 16kΩ 1/16W J  | 1   |       |
|      | R272       | RK73GB2A000J   | MG RESISTOR | 0Ω 1/10W J    | 1   |       |
|      | R302       | RK73HB1J101J   | MG RESISTOR | 100Ω 1/16W J  | 1   |       |
|      | R303       | RK73HB1J101J   | MG RESISTOR | 100Ω 1/16W J  | 1   |       |
|      | R304       | RK73HB1J101J   | MG RESISTOR | 100Ω 1/16W J  | 1   |       |

| MODEL      | MARK | MODEL     | MARK | MODEL    | MARK | MODEL     | MARK |
|------------|------|-----------|------|----------|------|-----------|------|
| DDX2071    | R2   | DDX271    | K3   | DDX3025  | E3   | DDX3055   | Q2   |
| DDX3071BT  | R1   | DDX310BT  | K4   | DDX371   | K2   | DDX4025BT | E2   |
| DDX4025DAB | E1   | DDX4055BT | Q1   | DDX471HD | K1   | DDX491HD  | K0   |

| Safe | Symbol No. | Parts No.     | Parts Name   | Description    | QTY | Local |
|------|------------|---------------|--------------|----------------|-----|-------|
|      | R306       | RK73HB1J331J  | MG RESISTOR  | 330Ω 1/16W J   | 1   |       |
|      | R307       | RK73HB1J331J  | MG RESISTOR  | 330Ω 1/16W J   | 1   |       |
|      | R308       | RK73HB1J331J  | MG RESISTOR  | 330Ω 1/16W J   | 1   |       |
|      | R309       | RK73HB1J101J  | MG RESISTOR  | 100Ω 1/16W J   | 1   |       |
|      | R310       | RK73HB1J102D  | MG RESISTOR  | 1kΩ 1/16W D    | 1   |       |
|      | R311       | RK73HB1J223J  | MG RESISTOR  | 22kΩ 1/16W J   | 1   |       |
|      | R313       | RK73HB1J181J  | MG RESISTOR  | 180Ω 1/16W J   | 1   |       |
|      | R314       | RK73GB2A222J  | MG RESISTOR  | 2.2kΩ 1/10W J  | 1   |       |
|      | R315       | RK73GB2A222J  | MG RESISTOR  | 2.2kΩ 1/10W J  | 1   |       |
|      | R316       | RK73GB2A000J  | MG RESISTOR  | 0Ω 1/10W J     | 1   |       |
|      | R319       | RK73GH2A243D  | MG RESISTOR  | 24kΩ 1/10W D   | 1   |       |
|      | R323       | RK73HB1J104J  | MG RESISTOR  | 100kΩ 1/16W J  | 1   |       |
|      | R327       | RK73HB1J270J  | MG RESISTOR  | 27Ω 1/16W J    | 1   |       |
|      | R328       | RK73HB1J102J  | MG RESISTOR  | 1kΩ 1/16W J    | 1   |       |
|      | R329       | RK73HB1J102J  | MG RESISTOR  | 1kΩ 1/16W J    | 1   |       |
|      | R341       | RK73HB1J103J  | MG RESISTOR  | 10kΩ 1/16W J   | 1   |       |
|      | R351       | RK73HB1J105J  | MG RESISTOR  | 1MΩ 1/16W J    | 1   |       |
|      | R352       | RK73HB1J102J  | MG RESISTOR  | 1kΩ 1/16W J    | 1   |       |
|      | R365       | RK73HB1J103J  | MG RESISTOR  | 10kΩ 1/16W J   | 1   |       |
|      | R376       | RK73HB1J822J  | MG RESISTOR  | 8.2kΩ 1/16W J  | 1   |       |
|      | R386       | RK73HB1J184J  | MG RESISTOR  | 180kΩ 1/16W J  | 1   |       |
|      | R400       | RK73HB1J153J  | MG RESISTOR  | 15kΩ 1/16W J   | 1   |       |
|      | R401       | RK73GB2A100J  | MG RESISTOR  | 10Ω 1/10W J    | 1   |       |
|      | R402       | RK73HB1J100J  | MG RESISTOR  | 10Ω 1/16W J    | 1   |       |
|      | R403       | RK73HB1J103J  | MG RESISTOR  | 10kΩ 1/16W J   | 1   |       |
|      | R511       | RK73HB1J103J  | MG RESISTOR  | 10kΩ 1/16W J   | 1   |       |
|      | R512       | RK73HB1J103J  | MG RESISTOR  | 10kΩ 1/16W J   | 1   |       |
|      | R515       | RK73HB1J103J  | MG RESISTOR  | 10kΩ 1/16W J   | 1   |       |
|      | R601       | RK73GH2A330D  | MG RESISTOR  | 33Ω 1/10W D    | 1   |       |
|      | R602       | RK73GH2A330D  | MG RESISTOR  | 33Ω 1/10W D    | 1   |       |
|      | R611       | RK73HB1J153J  | MG RESISTOR  | 15kΩ 1/16W J   | 1   |       |
|      | R612       | RK73HB1J153J  | MG RESISTOR  | 15kΩ 1/16W J   | 1   |       |
|      | R702       | RK73HB1J102J  | MG RESISTOR  | 1kΩ 1/16W J    | 1   |       |
|      | R911       | NRZ0098-R18X  | MG RESISTOR  | 0.18Ω          | 1   |       |
|      | CN101      | QGF0534F7-26X | CONNECTOR    | FFC/FPC (1-26) | 1   |       |
|      | CN201      | QGF0534F7-18X | CONNECTOR    | FFC/FPC (1-18) | 1   |       |
|      | CN401      | QGF0534F7-50X | CONNECTOR    | FFC/FPC (1-50) | 1   |       |
|      | S1         | NSW0351-001X  | LEVER SWITCH |                | 1   |       |
|      | TH491      | NAD0055-103X  | N THERMISTOR | 10kΩ           | 1   |       |
|      | W411       | RK73GB2A000J  | MG RESISTOR  | 0Ω 1/10W J     | 1   |       |
|      | X351       | NAX1135-001X  | CRYSTAL      |                | 1   |       |