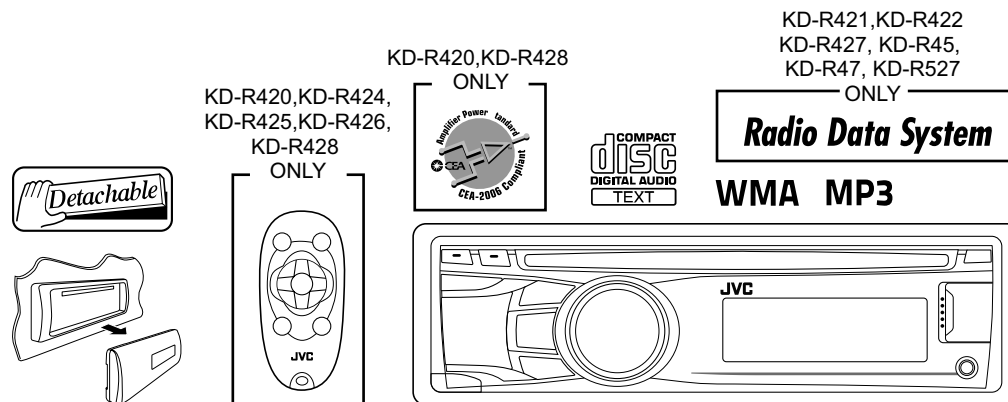


JVC

SERVICE MANUAL

CD RECEIVER

**KD-R420J, KD-R421E, KD-R421EU, KD-R421EY,
KD-R422E, KD-R422EU, KD-R422EY, KD-R424UI,
KD-R425U, KD-R425UH, KD-R425UN, KD-R426U,
KD-R426UH, KD-R426UN, KD-R426UT,
KD-R427EE, KD-R428J, KD-R428UF, KD-R45E,
KD-R45EY, KD-R47EE, KD-R527EE**



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

TABLE OF CONTENTS

1	PRECAUTION	1-6
2	SPECIFIC SERVICE INSTRUCTIONS	1-9
3	DISASSEMBLY	1-9
4	ADJUSTMENT	1-13
5	TROUBLESHOOTING	1-17

SPECIFICATION

[KD-R424, KD-R425, KD-R426]

AUDIO AMPLIFIER SECTION

Maximum Power Output	50 W per channel
Continuous Power Output(RMS)	20 W per channel into 4 Ω , 40 Hz to 20 000 Hz at no more than 1% total harmonic distortion.
Signal-to-Noise Ratio	70 dB
Load Impedance	4 Ω (4 Ω to 8 Ω allowance)
Frequency Response	40 Hz to 20 000 Hz
Line-Out or Subwoofer-Out Level/Impedance	2.5 V/20 k Ω load (full scale)
Output Impedance	1 k Ω
Other Terminal	USB input terminal, Front auxiliary input jack, Rear auxiliary/Bluetooth adapter input jack, Antenna terminal

TUNER SECTION

Frequency Range	FM	87.5 MHz to 108.0 MHz
	AM	531 kHz to 1611 kHz
FM Tuner	Usable Sensitivity	9.3 dBf (0.8 μ V/75 Ω)
	50 dB Quieting Sensitivity	16.3 dBf (1.8 μ V/75 Ω)
	Alternate Channel Selectivity (400 kHz)	65 dB
	Frequency Response	40 Hz to 15 000 Hz
	Stereo Separation	40 dB
AM Tuner	Sensitivity/Selectivity	20 μ V/40 dB

CD PLAYER SECTION

Type	Compact disc player	
Signal Detection System	Non-contact optical pickup (semiconductor laser)	
Number of Channels	2 channels (stereo)	
Frequency Response	5 Hz to 20 000 Hz	
Signal-to-Noise Ratio	98 dB	
Wow and Flutter	Less than measurable limit	
MP3 Decoding Format (MPEG1/2 Audio Layer 3)	Max. Bit Rate	320 kbps
WMA (Windows Media [®] Audio) Decoding Format	Max. Bit Rate	192 kbps

USB SECTION

USB Standard	USB 1.1, USB 2.0	
Data Transfer Rate (Full Speed)	Max. 12 Mbps	
Compatible Device	Mass Storage Class	
Compatible File System	FAT 32/16/12	
Playable Audio Format	MP3/WMA	
Max. Current	DC 5 V --- 500 mA	

GENERAL

Power Requirement	Operating Voltage	DC 14.4 V (11 V to 16 V allowance)
Grounding System	Negative ground	
Allowable Operating Temperature	0°C to +40°C	
Dimensions (W × H × D):(approx.)	Installation Size	182 mm × 52 mm × 159 mm
	Panel Size	188 mm × 59 mm × 9 mm
Mass	1.2 kg (excluding accessories)	

- Subject to change without notice.
- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

SPECIFICATION

[KD-R420,KD-R428]			
AUDIO AMPLIFIER SECTION			
Power Output	20 W RMS × 4 Channels at 4 Ω and ≤ 1% THD+N		
Signal-to-Noise Ratio	80 dBA (reference : 1 W into 4 Ω)		
Load Impedance	4 Ω (4 Ω to 8 Ω allowance)		
Frequency Response	40 Hz to 20 000 Hz		
Line-Out or Subwoofer-Out Level/Impedance	2.5 V/20 kΩ load (full scale)		
Output Impedance	1 kΩ		
Other Terminal	USB input terminal, Front auxiliary input jack, Rear auxiliary/Bluetooth adapter input jack, Antenna terminal		
TUNER SECTION			
Frequency Range	FM	with channel interval set to 200 kHz	87.9 MHz to 107.9 MHz
		with channel interval set to 50 kHz	87.5 MHz to 108.0 MHz
	AM	with channel interval set to 10 kHz	530 kHz to 1700 kHz
		with channel interval set to 9 kHz	531 kHz to 1611 kHz
FM Tuner	Usable Sensitivity	9.3 dBf (0.8 μV/75 Ω)	
	50 dB Quieting Sensitivity	16.3 dBf (1.8 μV/75 Ω)	
	Alternate Channel Selectivity (400 kHz)	65 dB	
	Frequency Response	40 Hz to 15 000 Hz	
	Stereo Separation	40 dB	
AM Tuner	Sensitivity/Selectivity	20 μV/40 dB	
CD PLAYER SECTION			
Type	Compact disc player		
Signal Detection System	Non-contact optical pickup (semiconductor laser)		
Number of Channels	2 channels (stereo)		
Frequency Response	5 Hz to 20 000 Hz		
Signal-to-Noise Ratio	98 dB		
Wow and Flutter	Less than measurable limit		
MP3 Decoding Format (MPEG1/2 Audio Layer 3)	Max. Bit Rate	320 kbps	
	WMA (Windows Media® Audio) Decoding Format	Max. Bit Rate	192 kbps
USB SECTION			
USB Standard	USB 1.1, USB 2.0		
Data Transfer Rate (Full Speed)	Max. 12 Mbps		
Compatible Device	Mass Storage Class		
Compatible File System	FAT 32/16/12		
Playable Audio Format	MP3/WMA		
Max. Current	DC 5 V = 500 mA		
GENERAL			
Power Requirement	Operating Voltage	DC 14.4 V (11 V to 16 V allowance)	
Grounding System	Negative ground		
Allowable Operating Temperature	0°C to +40°C (32°F to 104°F)		
Dimensions (W × H × D):(approx.)	Installation Size	182 mm × 52 mm × 159 mm(7-3/16" × 2-1/16" × 6-5/16")	
	Panel Size	188 mm × 59 mm × 9 mm(7-7/16" × 2-3/8" × 3/8")	
Mass	1.2 kg (2.8 lbs) (excluding accessories)		

- Subject to change without notice.
- If a kit is necessary for your car, consult your telephone directory for the nearest car audio speciality shop.
- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

SPECIFICATION

[KD-R421, KD-R422, KD-R45]

AUDIO AMPLIFIER SECTION			
Maximum Power Output	Front/Rear	50 W per channel	
Continuous Power Output(RMS)	Front/Rear	20 W per channel into 4 Ω , 40 Hz to 20 000 Hz at no more than 1% total harmonic distortion.	
Load Impedance	4 Ω (4 Ω to 8 Ω allowance)		
Frequency Response	40 Hz to 20 000 Hz		
Signal-to-Noise Ratio	70 dB		
Line-Out or Subwoofer-Out Level/Impedance	2.5 V/20 k Ω load (full scale)		
Output Impedance	\leq 600 Ω		
Other Terminal	USB input terminal, Front auxiliary input jack, Rear auxiliary/Bluetooth adapter input jack, Antenna terminal		
TUNER SECTION			
Frequency Range	FM	87.5 MHz to 108.0 MHz	
	AM	MW	531 kHz to 1611 kHz
		LW	153 kHz to 279 kHz
FM Tuner	Usable Sensitivity	9.3 dBf (0.8 μ V/75 Ω)	
	50 dB Quieting Sensitivity	16.3 dBf (1.8 μ V/75 Ω)	
	Alternate Channel Selectivity (400 kHz)	65 dB	
	Frequency Response	40 Hz to 15 000 Hz	
	Stereo Separation	40 dB	
	MW Tuner	Sensitivity/Selectivity	20 μ V/40 dB
	LW Tuner	Sensitivity	50 μ V
CD PLAYER SECTION			
Type	Compact disc player		
Signal Detection System	Non-contact optical pickup (semiconductor laser)		
Number of Channels	2 channels (stereo)		
Frequency Response	5 Hz to 20 000 Hz		
Signal-to-Noise Ratio	98 dB		
Wow and Flutter	Less than measurable limit		
MP3 Decoding Format (MPEG1/2 Audio Layer 3)	Max. Bit Rate	320 kbps	
WMA (Windows Media ^(R) Audio) Decoding Format	Max. Bit Rate	192 kbps	
USB SECTION			
USB Standard	USB 1.1, USB 2.0		
Data Transfer Rate (Full Speed)	Max. 12 Mbps		
Compatible Device	Mass Storage Class		
Compatible File System	FAT 32/16/12		
Playable Audio Format	MP3/WMA		
Max. Current	DC 5 V \approx 500 mA		
GENERAL			
Power Requirement	Operating Voltage	DC 14.4 V (11 V to 16 V allowance)	
Grounding System	Negative ground		
Allowable Operating Temperature	0°C to +40°C		
Dimensions (W \times H \times D):(approx.)	Installation Size	182 mm \times 52 mm \times 159 mm	
	Panel Size	188 mm \times 59 mm \times 9 mm	
Mass	1.2 kg (excluding accessories)		

- Subject to change without notice.
- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

SPECIFICATION

[KD-R427, KD-R47, KD-R527]			
AUDIO AMPLIFIER SECTION			
Maximum Power Output	Front/Rear	50 W per channel	
Continuous Power Output(RMS)	Front/Rear	20 W per channel into 4 Ω, 40 Hz to 20 000 Hz at no more than 1% total harmonic distortion.	
Load Impedance	4 Ω (4 Ω to 8 Ω allowance)		
Frequency Response	40 Hz to 20 000 Hz		
Signal-to-Noise Ratio	70 dB		
Line-Out or Subwoofer-Out Level/Impedance	2.5 V/20 kΩ load (full scale)		
Output Impedance	≤ 600 Ω		
Other Terminal	USB input terminal, Front auxiliary input jack, Rear auxiliary/Bluetooth adapter input jack, Antenna terminal		
TUNER SECTION			
Frequency Range	FM	87.5 MHz to 108.0 MHz	
	FM-LO	65.0 MHz to 74.0 MHz	
	AM	MW LW	531 kHz to 1611 kHz 153 kHz to 279 kHz
FM Tuner	Usable Sensitivity	9.3 dBf (0.8 μV/75 Ω)	
	50 dB Quieting Sensitivity	16.3 dBf (1.8 μV/75 Ω)	
	Alternate Channel Selectivity (400 kHz)	65 dB	
	Frequency Response	40 Hz to 15 000 Hz	
	Stereo Separation	40 dB	
	MW Tuner	Sensitivity/Selectivity	20 μV/40 dB
	LW Tuner	Sensitivity	50 μV
CD PLAYER SECTION			
Type	Compact disc player		
Signal Detection System	Non-contact optical pickup (semiconductor laser)		
Number of Channels	2 channels (stereo)		
Frequency Response	5 Hz to 20 000 Hz		
Signal-to-Noise Ratio	98 dB		
Wow and Flutter	Less than measurable limit		
MP3 Decoding Format (MPEG1/2 Audio Layer 3)	Max. Bit Rate	320 kbps	
WMA (Windows Media ^(R) Audio) Decoding Format	Max. Bit Rate	192 kbps	
USB SECTION			
USB Standard	USB 1.1, USB 2.0		
Data Transfer Rate (Full Speed)	Max. 12 Mbps		
Compatible Device	Mass Storage Class		
Compatible File System	FAT 32/16/12		
Playable Audio Format	MP3/WMA		
Max. Current	DC 5 V = 500 mA		
GENERAL			
Power Requirement	Operating Voltage	DC 14.4 V (11 V to 16 V allowance)	
Grounding System	Negative ground		
Allowable Operating Temperature	0°C to +40°C		
Dimensions (W × H × D):(approx.)	Installation Size	182 mm × 52 mm × 159 mm	
	Panel Size	188 mm × 59 mm × 9 mm	
Mass	1.2 kg (excluding accessories)		

- Subject to change without notice.
- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

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 manufacturer's warranty and will further relieve the manufacturer 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 (Δ) 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.

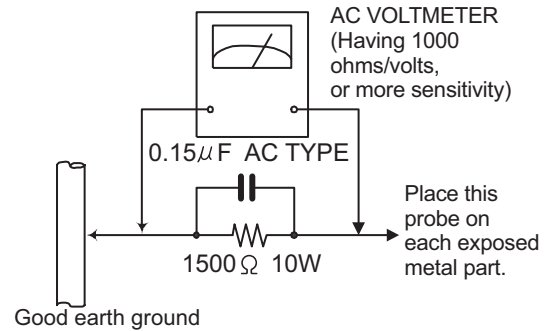
(5) Leakage shock hazard testing

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 part 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 Ω per volt or more sensitivity in the following manner. Connect a 1,500 Ω 10W resistor paralleled by a 0.15 μ 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 (■), diode (■) and ICP (●) or identified by the " Δ " 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 does not Except the J and C version)

1.5 Preventing static electricity

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

1.5.1 Grounding to prevent damage by static electricity

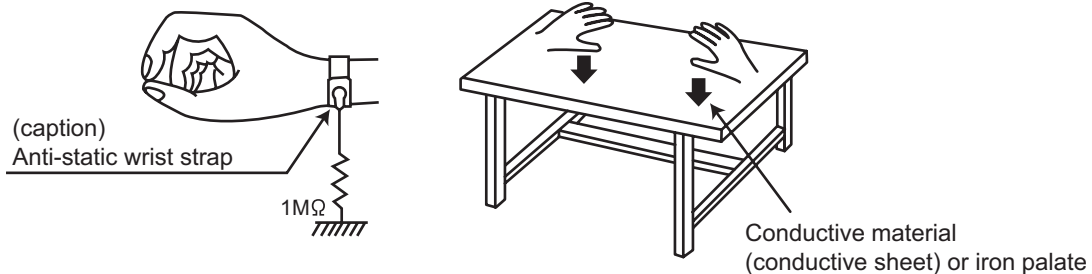
Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as laser products. Be careful to use proper grounding in the area where repairs are being performed.

(1) Ground the workbench

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

(2) Ground yourself

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



(3) Handling the optical pickup

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

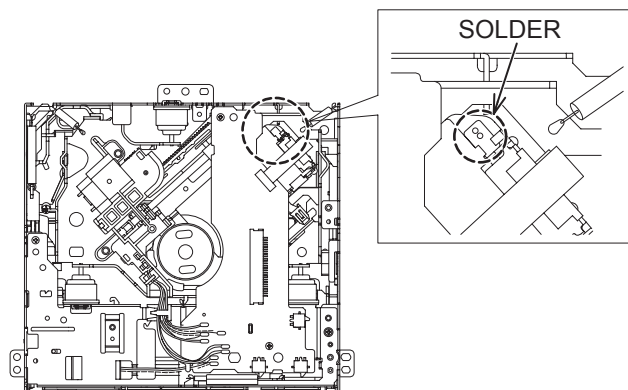
1.6 Handling the traverse unit (optical pickup)

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

1.7 Attention when traverse unit is decomposed

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

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



1.8 Important for laser products

1.CLASS 1 LASER PRODUCT

2.CAUTION :

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

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

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

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

(For U.S.A.)

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

(Others)

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

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

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

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

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

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

VARO! Avattaessa olet alttiina nakyyvalle ja/tai näkymättömälle luokan 1M lasersateilylle. 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.

REPRODUCTION AND POSITION OF LABELS and PRINT WARNING LABEL and PRINT



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

SECTION 2 SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3 DISASSEMBLY

3.1 Main body (Used model: KD-R421)

3.1.1 Removing the Bottom chassis (See Fig.1)

- (1) Disengage the seven hooks **a** engaging the Bottom chassis.
- (2) Slide the Bottom chassis backward to remove it.

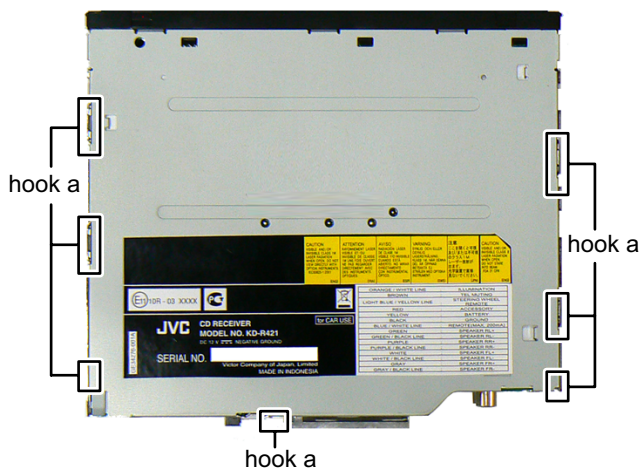


Fig.1

3.1.2 Removing the Front chassis (See Fig.2)

- (1) Disengage the four hooks **b** engaging both sides of the Front chassis.



Fig.2

3.1.3 Removing the Main board (See Fig.3, 4 and 5)

- (1) Remove the one screw **A** attaching the Rear Bracket. (See Fig.3)

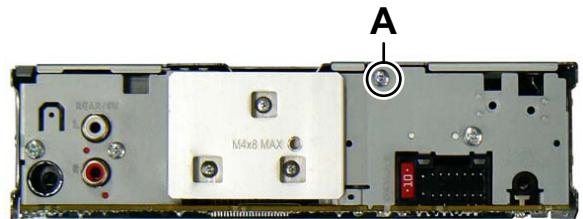


Fig.3

- (2) Remove the two screws **B** attaching both sides of the Side panel. (See Fig.4)



Fig.4

- (3) Remove the three screws **C** attaching the Main board. (See Fig.5)
- (4) Disconnect the board to board connector **CN502** connecting the Main board and the CD mechanism. (See Fig.5)

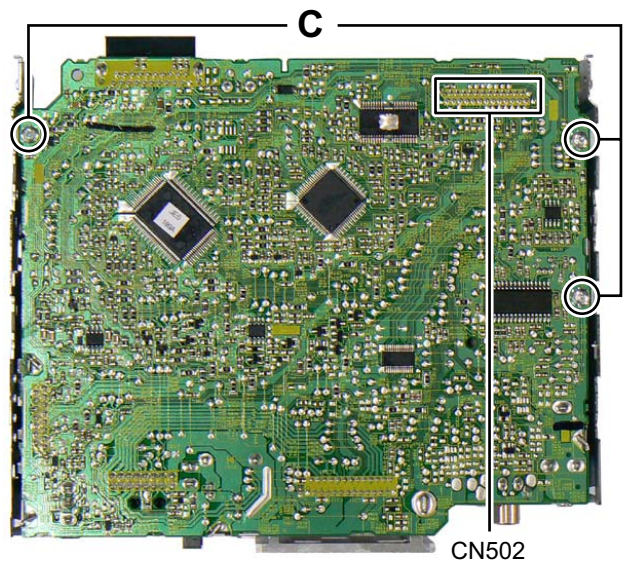


Fig.5

3.1.4 Removing the CD mechanism (See Fig.6)

- (1) Remove the three screws **D** attaching the CD mechanism.

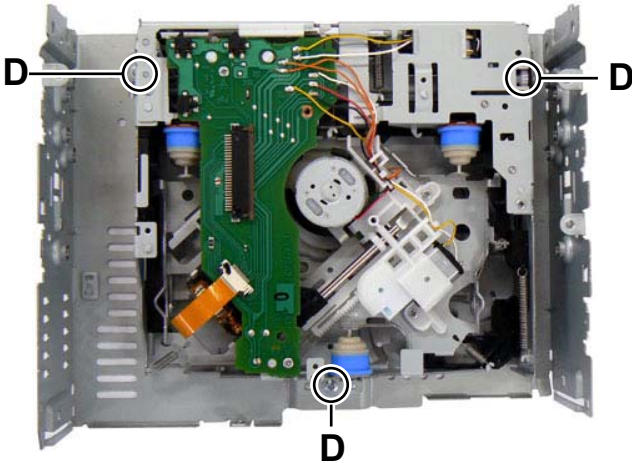


Fig.6

3.1.5 Removing the Switch board (See Fig.7)

- (1) Remove the Volume knob.
- (2) Remove the four screws **E** attaching the Rear cover.
- (3) Disengage the twelve hooks **c** engaging the Rear cover.

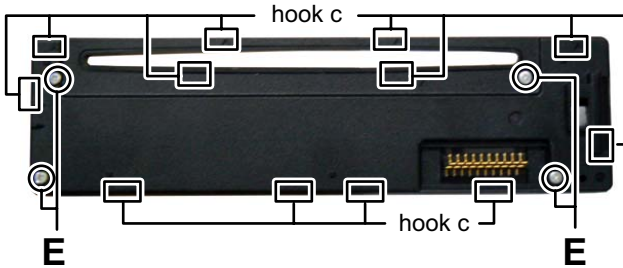


Fig.7

3.2 CD mechanism assembly section

3.2.1 Removing the Mecha control board

- (1) Solder the short land on the pickup. (See Fig. 1)

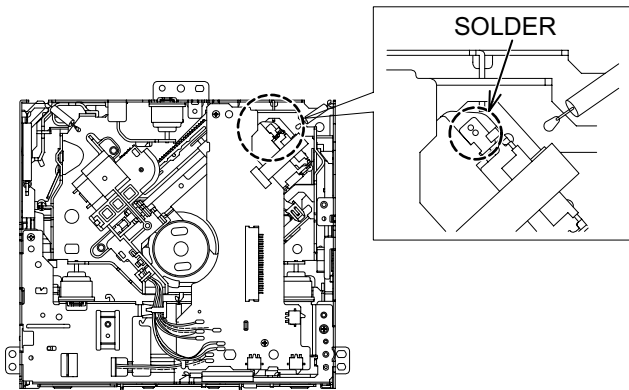


Fig.1

- (2) Remove the eight wires from the Mecha control board. (See Fig.2)

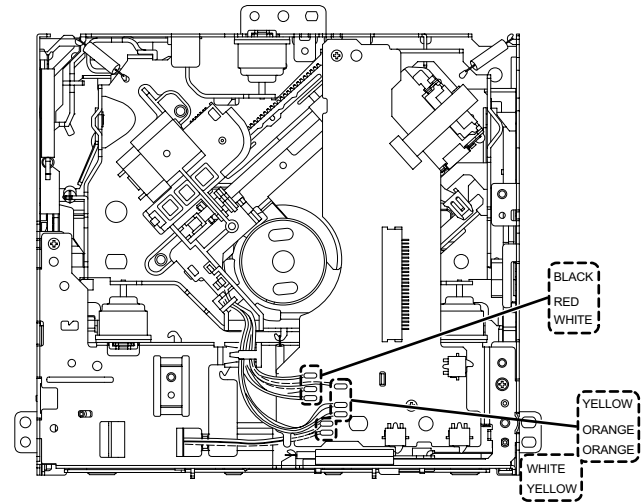


Fig.2

- (3) Disconnect the flexible wire from the pickup connected to the connector **CN102** on the Mecha control board. (See Fig.3)

- (4) Remove the two screws **A** attaching the Mecha control board. (See Fig.3)

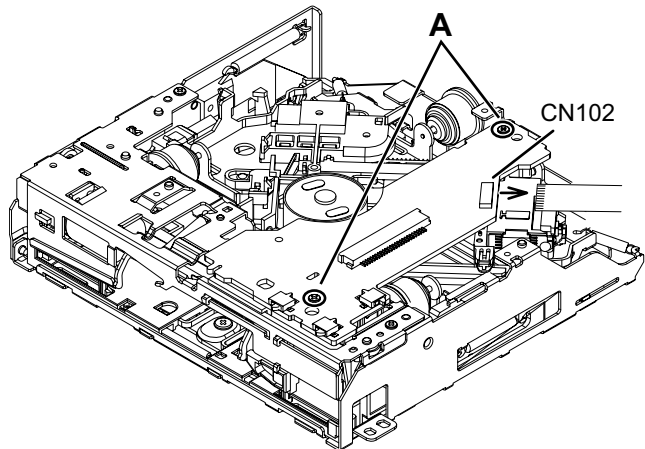


Fig.3

3.2.2 Removing the Traverse mechanism (See Fig.4, 5)

- (1) Remove the five springs from the traverse mechanism. (See Fig.4)

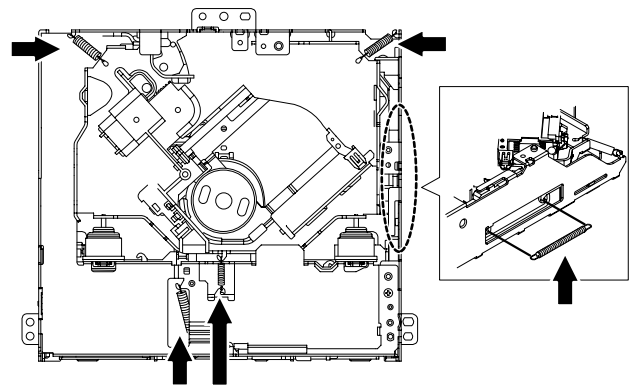


Fig.4

- (2) Remove the three screws **B** attaching the bottom frame assembly. (See Fig.5)
- (3) Remove the three dumpers from the bottom frame assembly. (See Fig.5)

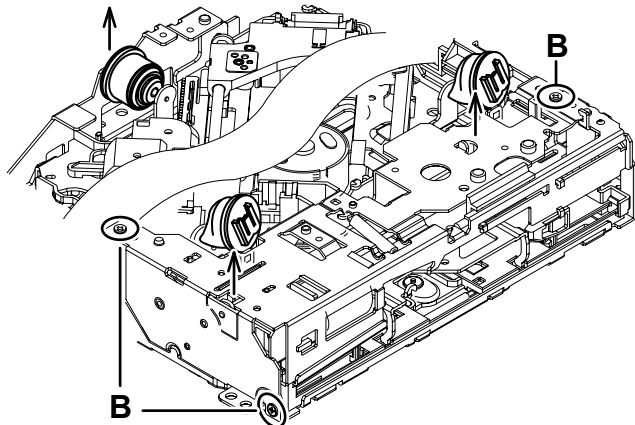


Fig.5

3.2.3 Removing the Pickup (See Fig.6, 7)

- (1) Remove the two screws **C** attaching the feed bracket assembly. (See Fig.6)

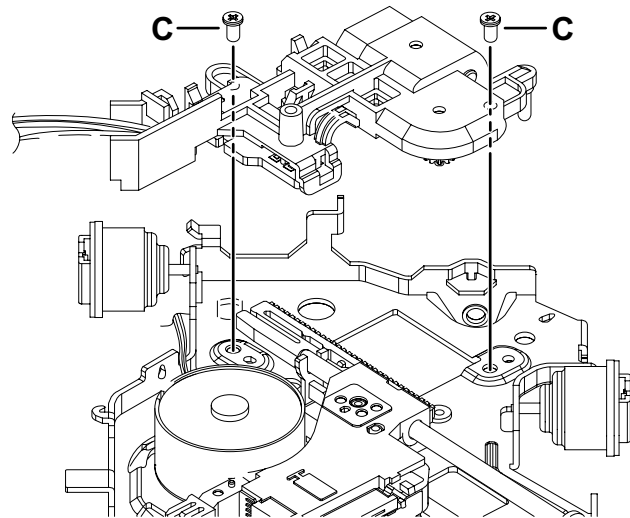


Fig.6

- (2) Remove the shaft from the TM base. (See Fig.7)
- (3) Disengage the hook **a** on the pickup from the TM base. (See Fig.7)

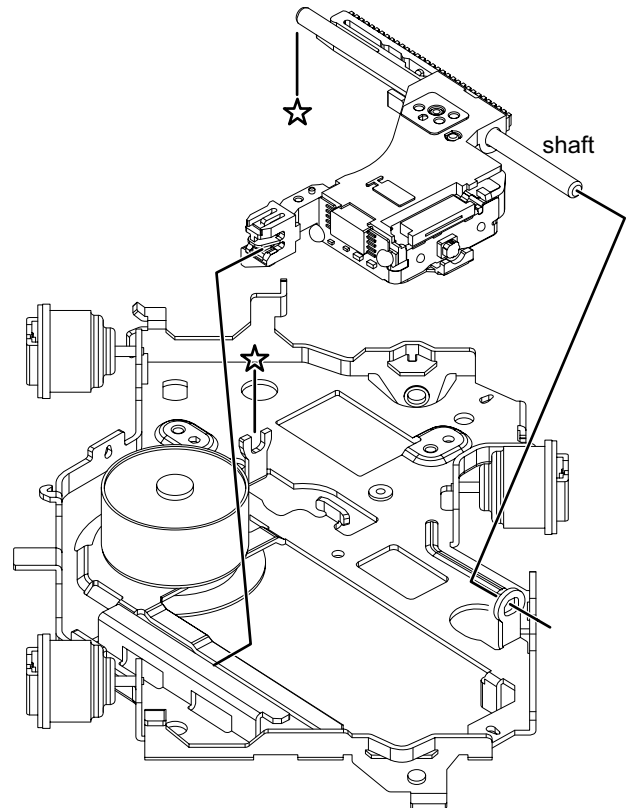


Fig.7

3.2.4 Removing the Spindle motor (See Fig.8. 9)

- (1) Remove the HC CL. Spring from the HC CL. base and the TM base, and then lift up the HC CL. base. (See Fig.8)

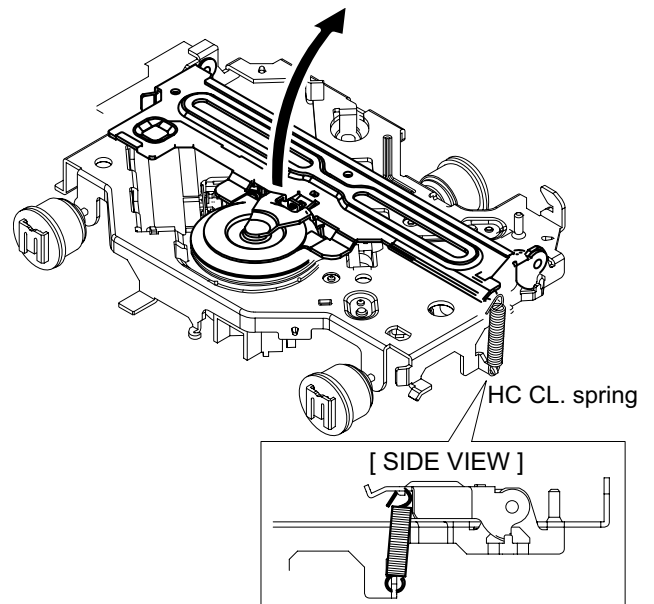


Fig.8

- (2) Remove the HC CL. base from th holes on the TM base.
(See Fig.9)

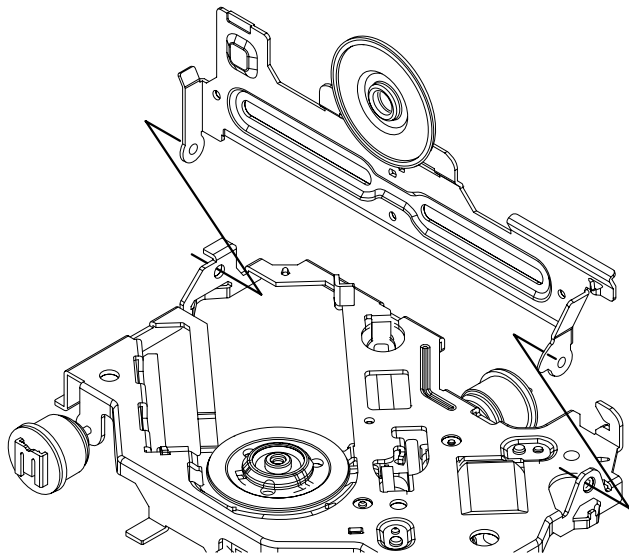


Fig.9

- (3) Remove the two screws **D** attaching the spindle motor.
(See Fig.10)

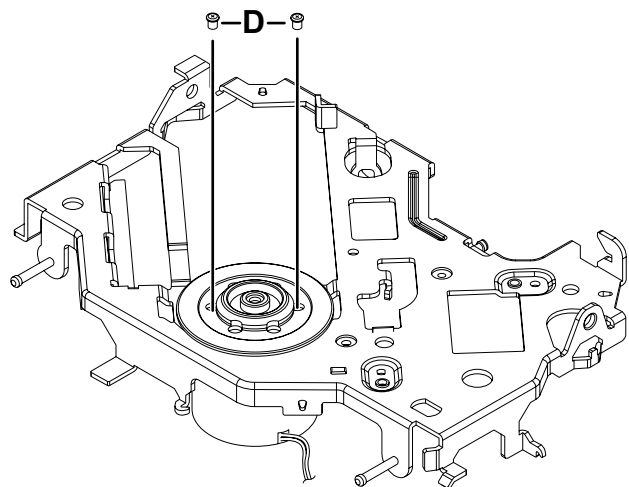


Fig.10

3.2.5 Removing the Loading motor

- (1) Remove the roller arm assembly from the bottom frame assembly. (See Fig.11)

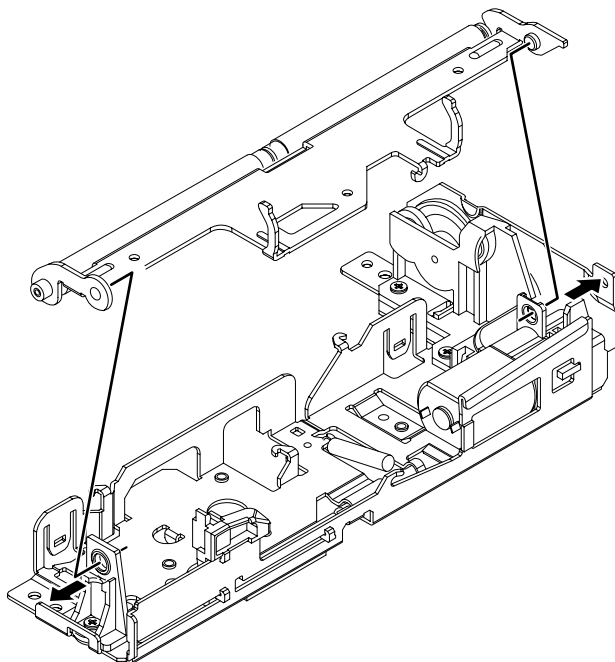


Fig.11

- (2) Remove the two screws **E** attaching the loading motor assembly, and then remove the loading motor assembly in the direction of the arrow. (See Fig.12)

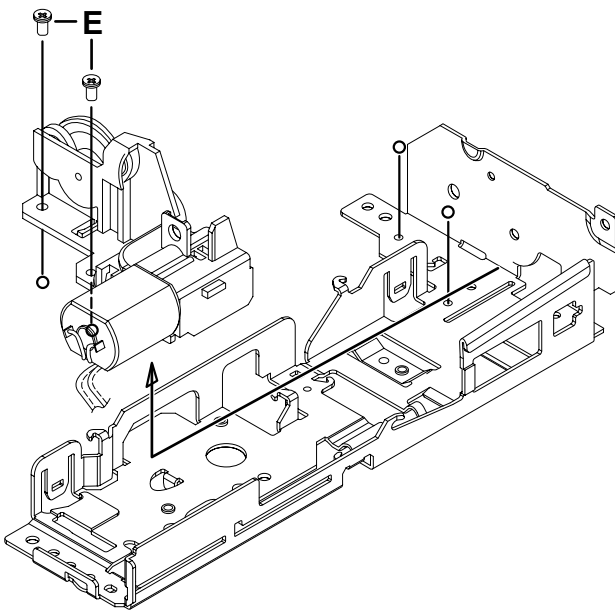


Fig.12

SECTION 4 ADJUSTMENT

4.1 Test instruments required for adjustment

- (1) Digital oscilloscope (100MHz)
- (2) Digital tester
- (3) Test Disc

4.2 Standard measuring conditions

Power supply voltage DC14.4V(10.5 to 16V)
Load impedance 20K ohm (2 Speakers connection)
Output Level Line out 2.5V (Vol. MAX)

4.5 How to connect the cable for adjusting

Caution:

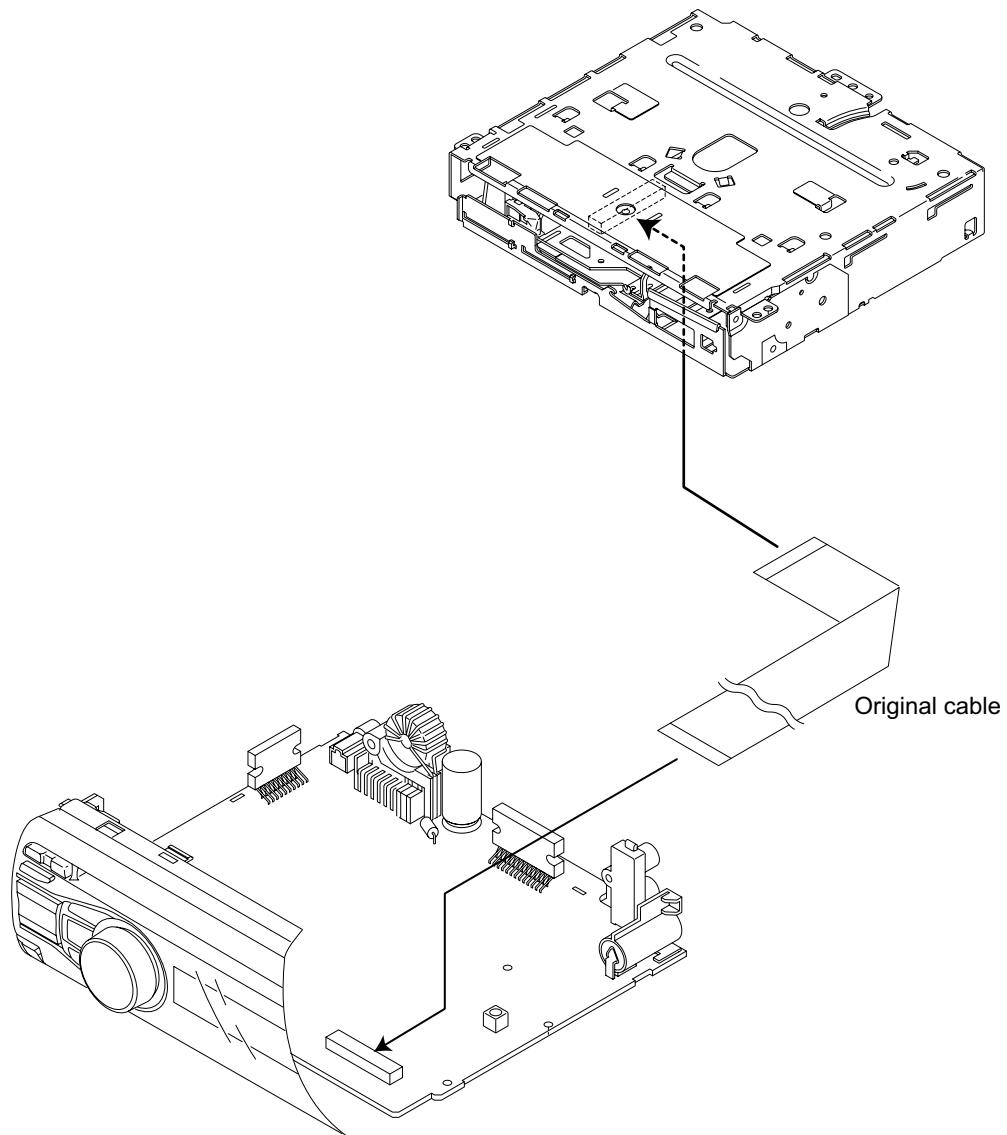
Be sure to attach the heat sink and rear bracket onto the power amplifier IC and regulator IC respectively, before supply the power.
If voltage is applied without attaching these parts, the power amplifier IC and regulator IC will be destroyed by heat.

4.3 Standard volume position

Balance and Bass & Treble volume : Indication "0"
Loudness : OFF

4.4 Dummy load

Exclusive dummy load should be used for AM, and FM.
For FM dummy load, there is a loss of 6dB between SSG output and antenna input.
The loss of 6dB need not be considered since direct reading of figures are applied in this working standard.



4.6 Service mode

Operating Key : [MENU] → [DOWN] (7sec)

4.6.1 Mode content

Syscon shall display the information after entering this mode. The operation shown below shall be workable.

Display content	Detail
[S] [R] [V] [] [T] [E] [S] [T] [] [] []	The display is released when another operation is executed.

4.6.2 Common operation mode for all sources.

Operation	Display content	Detail
EQ	CD error information display mode Transit CD error information display mode	
MENU	Syscon version display [S] [Y] [S] [] [#] [@] [@] [@] [] [] []	# = Display of destination. J = USA, R = EUROPE, E = EASTERN-EUROPE U = OTHERS(eq. ASIS), @@@ = Syscon version
UP	Syscon version display [P] [O] [N] [T] [M] [] [0] [H] [X] [X] [] [P] [O] [N] [T] [M] [] [0] [X] [X] [X] [X]	00~50 are displayed in " X X ". For less than 1 hour, the display is indicated per 10 minutes. 00001~10922 are displayed in " X X X X X ". MAX 10922 (hours).
■UP	Power ON duration clear [P] [O] [N] [T] [M] [] [0] [H] [0] [0] []	Clear Power ON duration by pressing for 2 seconds when Power ON duration is displayed.
DOWN	Disc operation duration display [C] [D] [T] [M] [] [] [0] [H] [X] [X] [] [C] [D] [T] [M] [] [] [X] [X] [X] [X] [X]	00~50 are displayed in " X X ". For less than 1 hour, the display is indicated per 10minutes. 00001~10922 are displayed in " X X X X X ". MAX 10922 (hours).
■DOWN	Disc operation duration clear [C] [D] [T] [M] [] [] [0] [H] [0] [0] []	Clear Disc operation duration by pressing for 2 seconds when it is displayed (Only the displayed media is cleared).
BRIGHTNESS	Disc eject number of times [E] [J] [C] [N] [T] [] [X] [X] [X] [X] [X]	Display Disc Eject number of times. MAX 65535 (times)
■BRIGHTNESS	Disc eject number of times clear [E] [J] [C] [N] [T] [] [0] [H] [0] [0] []	Clear Disc Eject number of times by pressing for 2 seconds when it is displayed.
I<<	Force Power OFF information display [P] [O] [F] [F] [] [] [-] [-] [-] [] [] [P] [O] [F] [F] [] [P] [N] [L] [] []	No force Power OFF Force Power OFF due to Syscon-Panel communication error.
■I<<	Force Power OFF information clear [P] [O] [F] [F] [] [] [-] [-] [-] [] []	Clear force Power OFF information by pressing for 2 seconds when it is displayed.

4.6.3 CD error information display mode

Operation	Display content	Detail	
Move between DISP (Forward search) item with << / >>	CD mecha error log display	M E C H A □ E R # X X Mecha error history 1,2,3 (latest) # = History No. (1,2,3) X X : number of errors, "--" when there is none.	
	CD load error information display	L O A D □ □ E R # X X Load error switch 1,2 # = History No. (1,2) X X : number of errors, "--" when there is none.	
	CD load error information display	E J E C T □ E R # X X Eject error switch 1,2,3,4 # = History No. (1,2,3,4) X X : number of errors, "--" when there is none.	
	CD time code error count information display (count skip)	C N T □ L O S E □ □ □	CD time code error count information (count updated) mode display
		C D D A □ □ □ □ □ X X	CD-DA error count numbers X X : numbers of errors and "--" when there is none
		C D R O M □ □ □ □ □ X X	CD-ROM (compressed file) error count numbers X X : numbers of errors and "--" when there is none
	CD time code error count information display (no count update)	C N T □ S T A Y □ □ □	CD time code error count information (count not updated) mode display
		C D D A □ □ □ □ □ X X	CD-DA error count numbers X X : numbers of errors and "--" when there is none
		C D R O M □ □ □ □ □ X X	CD-ROM (compressed file) error count numbers X X : numbers of errors and "--" when there is none
	■EQ	CD error information clear	M E C H A □ E R 1 - - Clear CD error information by pressing for 2 seconds when it is displayed.
EQ	Mode release	CD error information display mode release Back to default status, All lights on	

4.7 Service information clear mode

* The receiver is connected with the DC power supply (with the power supply turned off).

Operating Key : [BACK] → [POWER] → [DC power supply turned ON]

Mode content

After entering this mode, Syscom shall clear the information stored for service an output to the display.

Display content	Detail
D A T A C L R O K	When normal end
D A T A C L R N G	When error end

4.7.1 The following table shows the data that is cleared.

Information for data clearing	Detail
CD mecha information	CD mecha log display
	CD load error information display
	CD eject error information display
	CD time code error count information display (count skip)
	CD time code error count information display (no count update)
Service information	Power ON duration display
	CD operation duration display
	CD eject number of times display
	Force power OFF information display
DC error information	DC error 1 display (wrong connection and other detection information in detection duration)
	DC error 2 display (capacitor leakage detection number information)

4.8 DC error information mode

* The receiver is connected with the DC power supply (with the power supply turned off).

Operating Key : [MENU] → [UP] → [DC power supply turned ON]

4.8.1 Mode content

Syscom shall display the following after entering this mode. The operation shown below shall be workable.

Display content	Detail
D C E R R	When DC error is detected (in case that one of capacitor leakage, wrong connection or other detection is found).
D C O K	When DC error is not detected (in case that none of capacitor leakage, wrong connection or other detection is found).

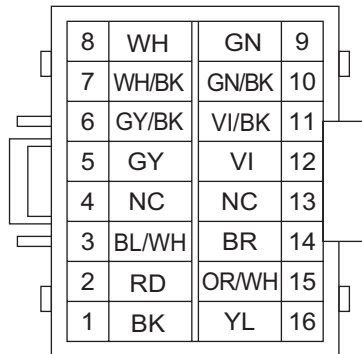
4.8.2 Mode operation specification

Operation	Display content	Detail
UP	DC ERR1 display	D C 1 E R R
		D C 1 O K
■UP	DC ERR1 clear	D C 1 O K
DOWN	DC ERR2 display	D C 2 4
■DOWN	DC ERR2 clear	D C 2 0

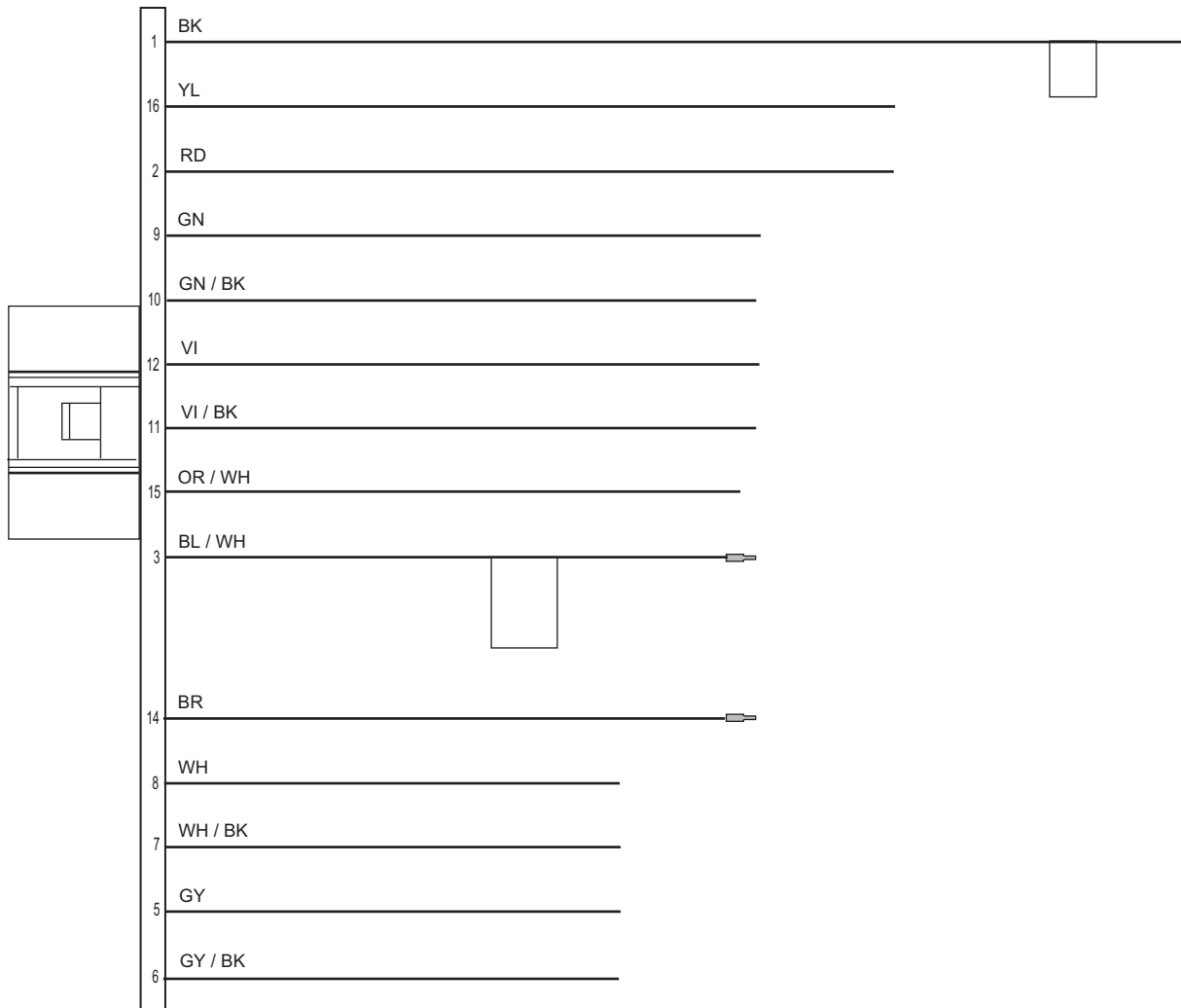
SECTION 5 TROUBLESHOOTING

5.1 16PIN CORD DIAGRAM

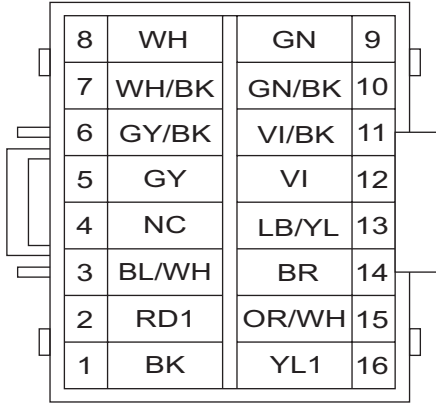
5.1.1 For KD-R420



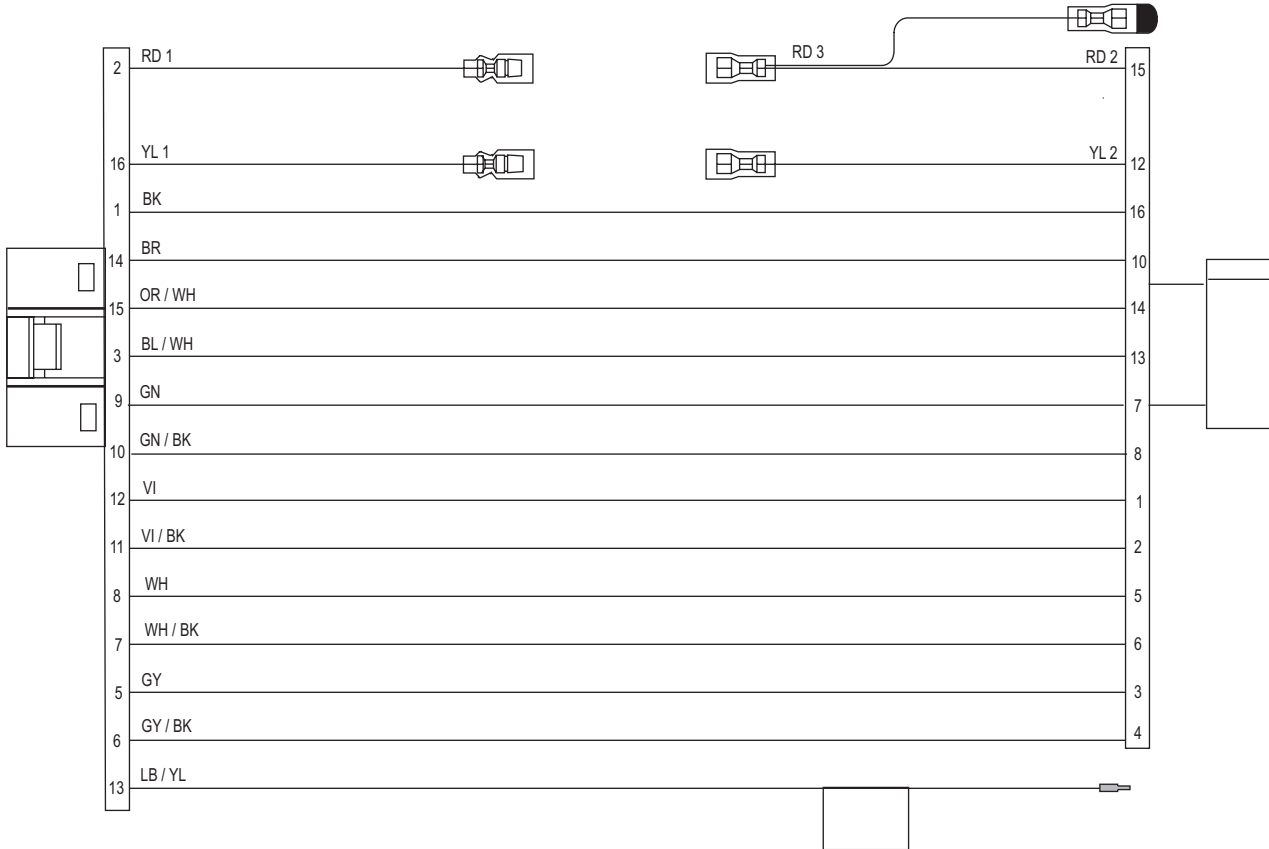
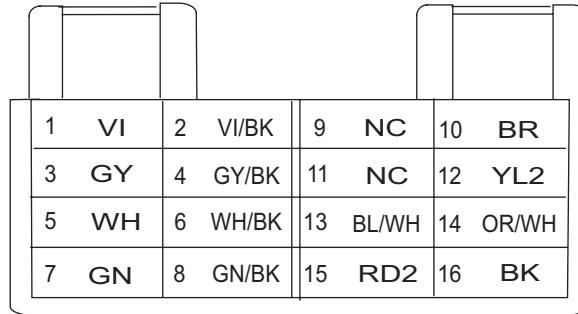
BK	Black	GN	Green
RD	Red	VI	Violet
BL	Blue	BR	Brown
WH	White	OR	Orange
GY	Gray	YL	Yellow



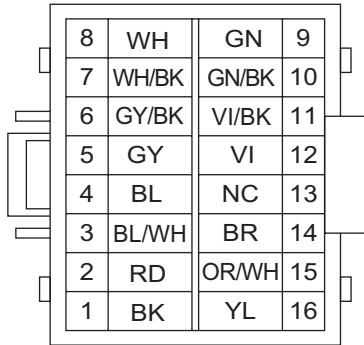
5.1.2 For KD-R421, KD-R422



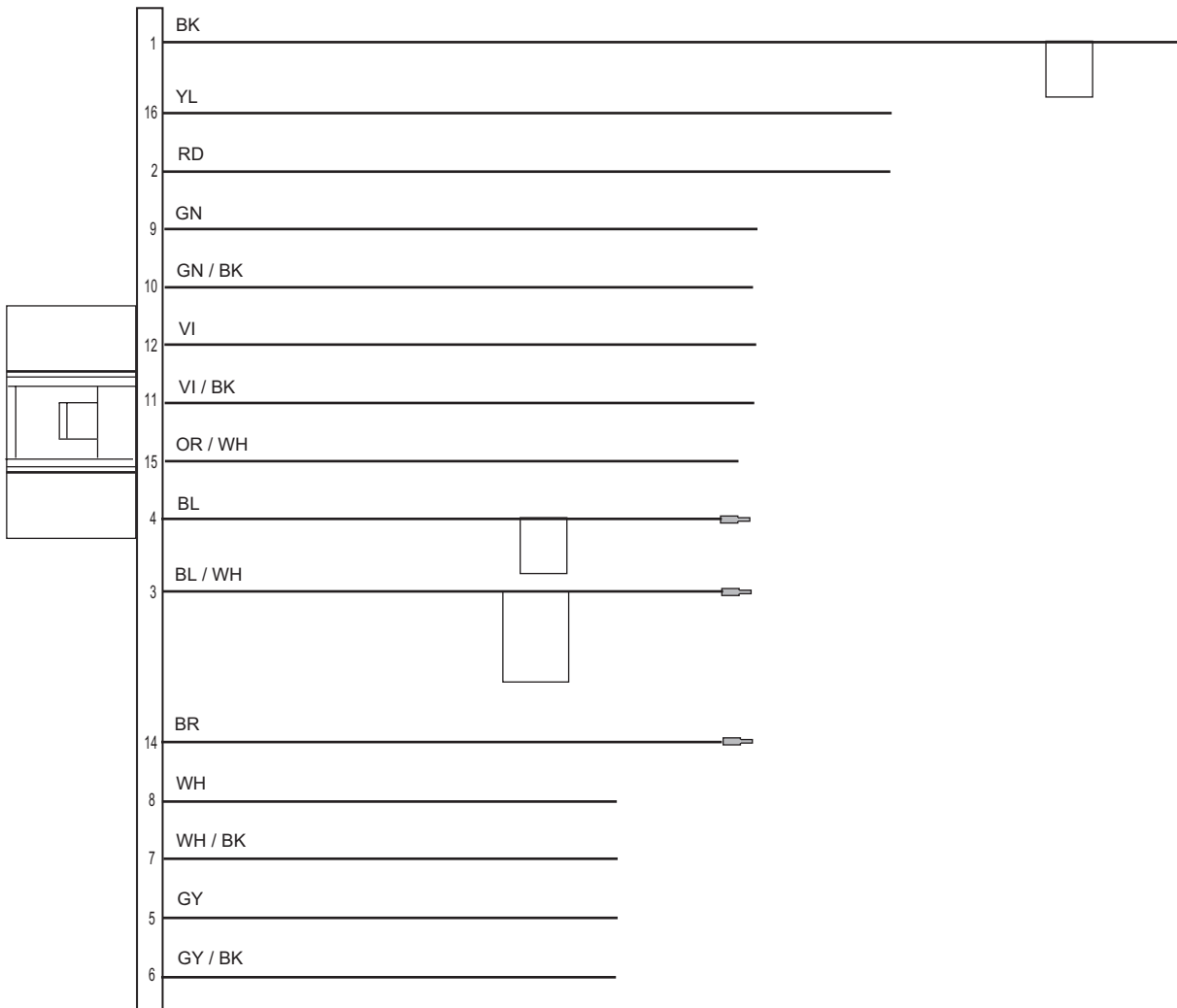
WH	White	GN	Green
BK	Black	VI	Violet
GY	Gray	LB	Light Blue
BL	Blue	YL	Yellow
RD	Red	BR	Brown
		OR	Orange



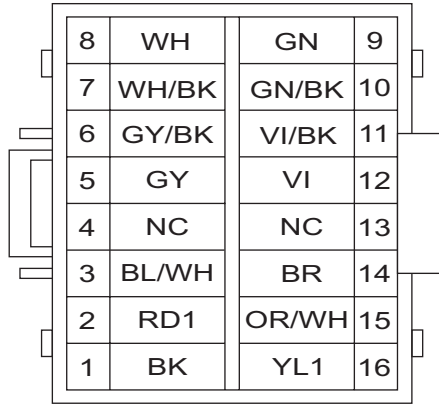
5.1.3 For KD-R424, KD-R425, KD-R426, KD-R428



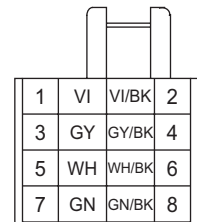
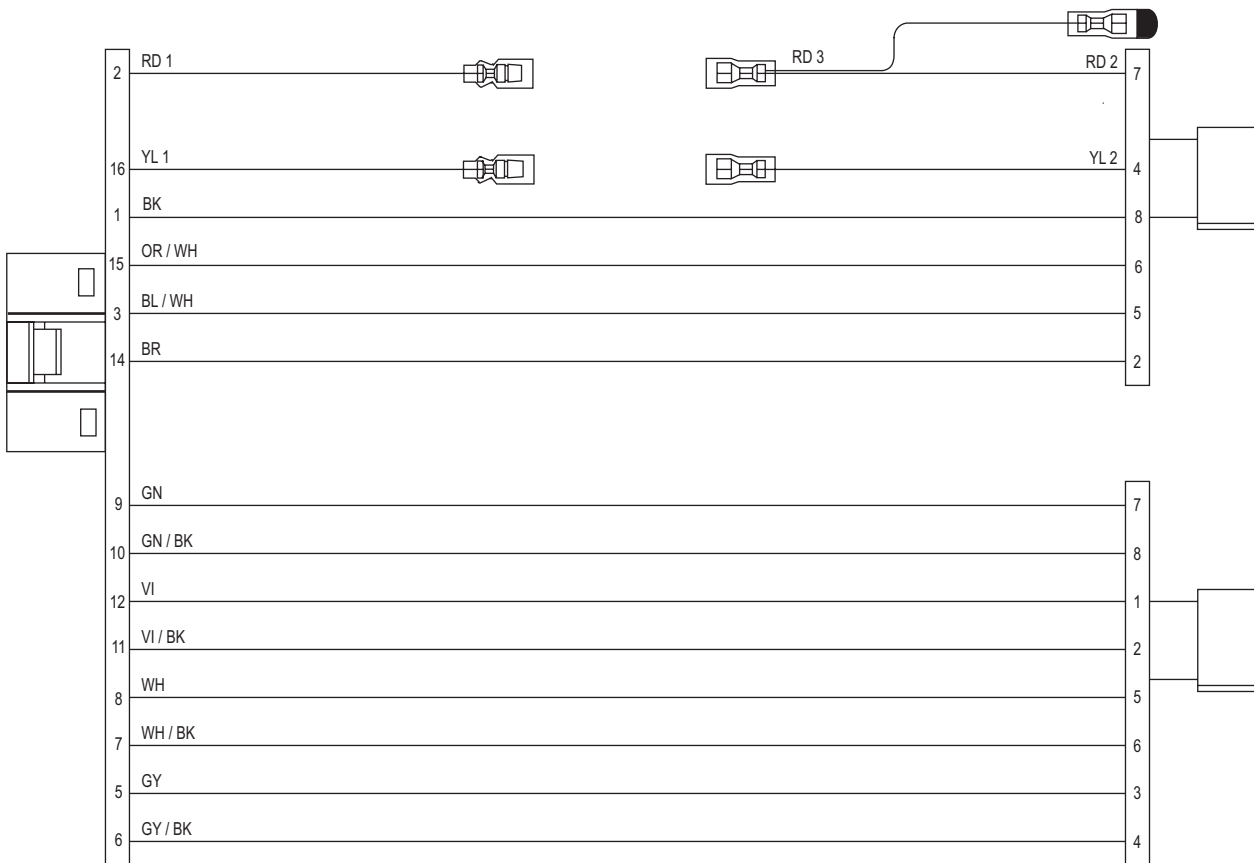
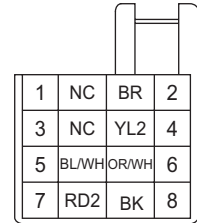
BK	Black	GN	Green
RD	Red	VI	Violet
BL	Blue	BR	Brown
WH	White	OR	Orange
GY	Gray	YL	Yellow



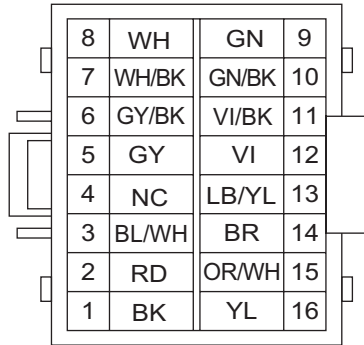
5.1.4 For KD-R427, KD-R45, KD-R47, KD-R527



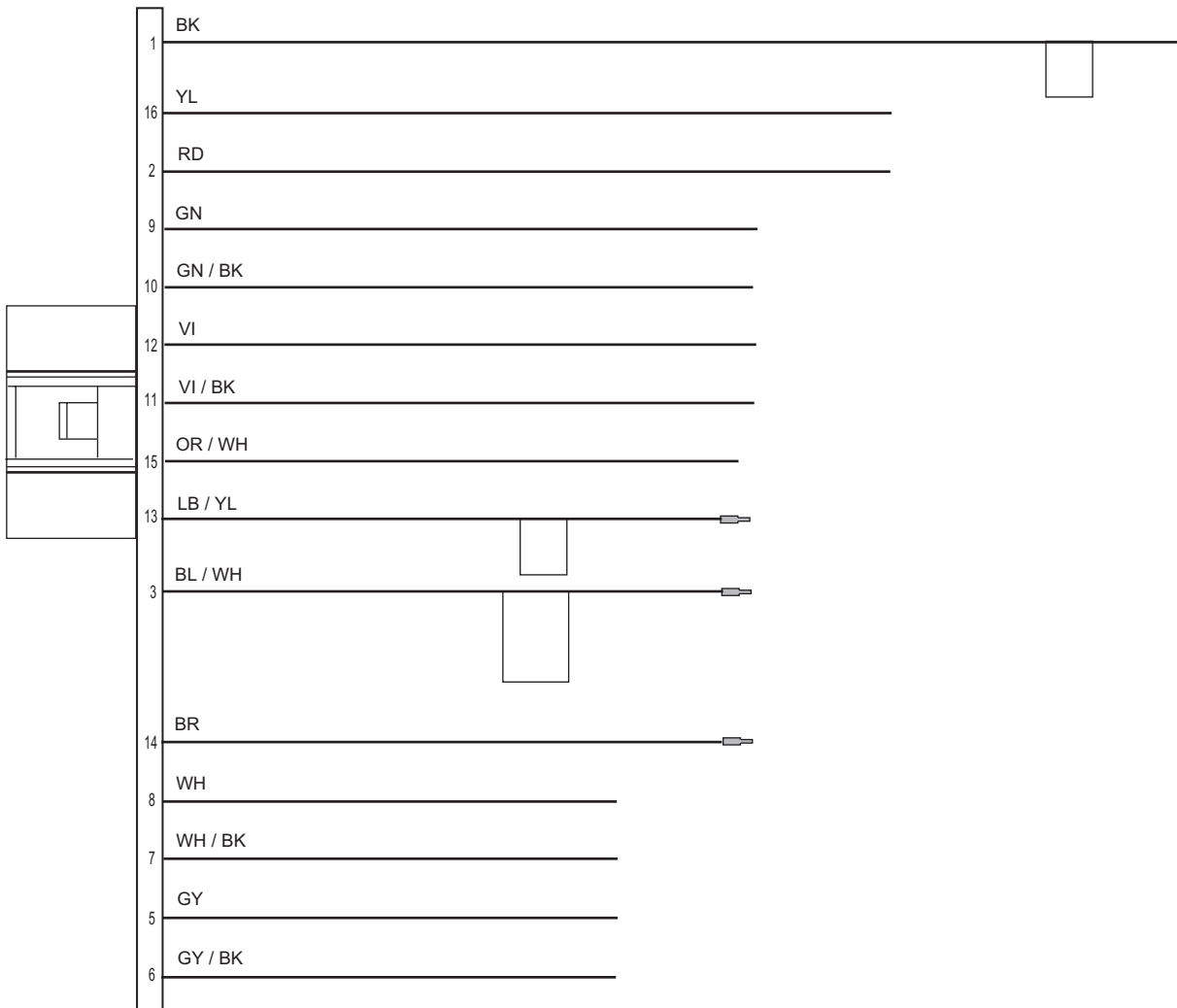
BK	Black	GN	Green
RD	Red	VI	Violet
BL	Blue	BR	Brown
WH	White	OR	Orange
GY	Gray	YL	Yellow



5.1.5 For KD-R428



WH	White	GN	Green
BK	Black	VI	Violet
GY	Gray	LB	Light Blue
BL	Blue	YL	Yellow
RD	Red	BR	Brown
		OR	Orange





JVC

Victor Company of Japan, Limited
Mobile Entertainment Division 2967-3, Ishikawa-machi, Hachioji-shi, Tokyo, 192-8525, Japan

(No.MA478<Rev.001>)

Printed in Japan
VSE



SCHEMATIC DIAGRAMS

CD RECEIVER

KD-R420J
KD-R421EY
KD-R422EY
KD-R425UH
KD-R426UH
KD-R427EE
KD-R45E

KD-R421E
KD-R422E
KD-R424UI
KD-R425UN
KD-R426UN
KD-R428J
KD-R45EY
KD-R527EE

KD-R421EU
KD-R422EU
KD-R425U
KD-R426U
KD-R426UT
KD-R428UF
KD-R47EE

■ 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.
- When ordering chips, screws etc., place bulk orders (unit of tens) whenever possible to improve shipping efficiency.
- 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.

■ PRECAUTIONS ON SERVICE

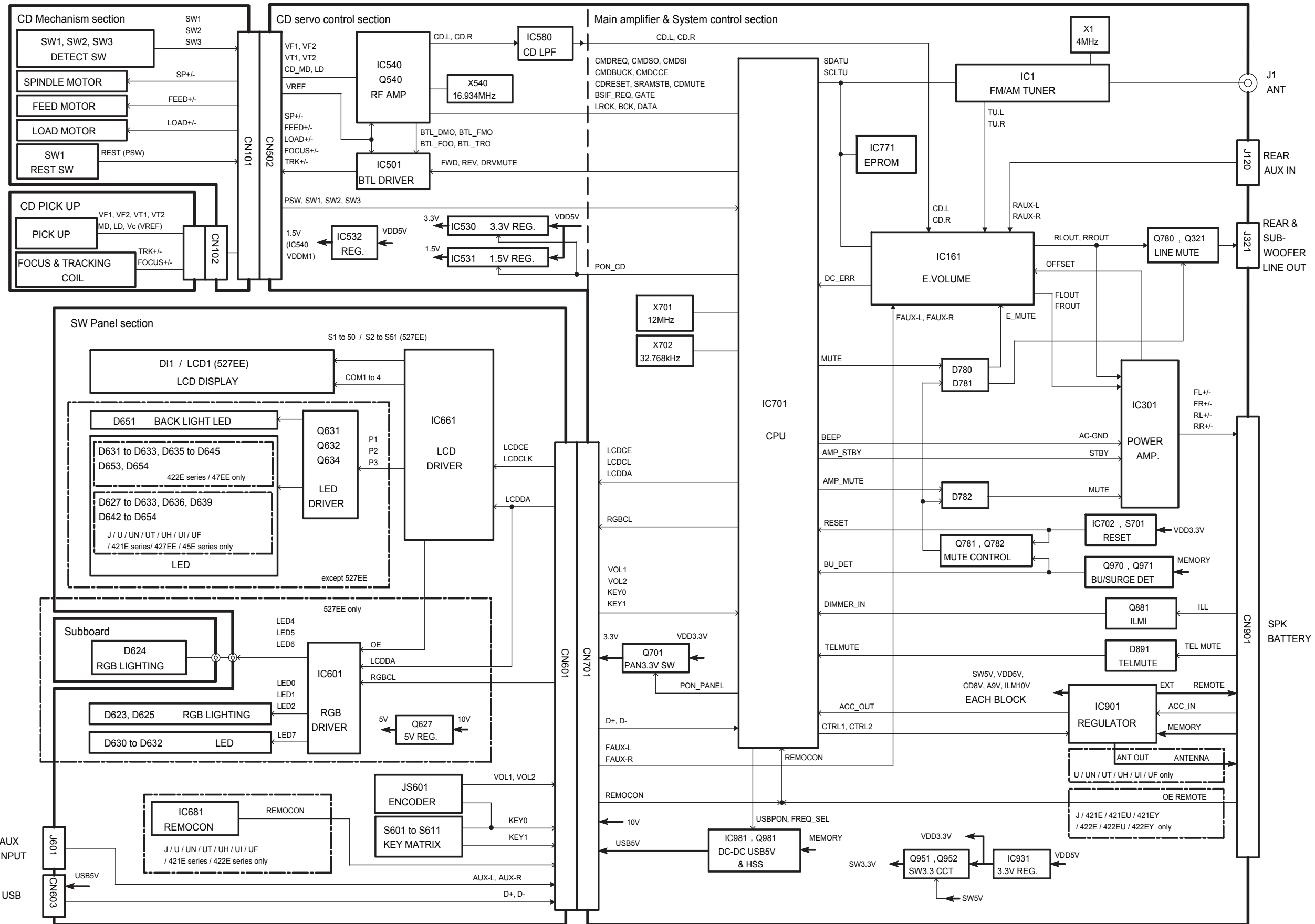
Certain parts of the power circuits and the GNDs differ according to the models. Care must be taken for the following points as the differences are indicated separately in the LIVE GND (\downarrow) and the ISOLATED (NEUTRAL) GND (\perp).

1. Do not touch the LIVE GND, or do not touch the LIVE GND and the ISOLATED (NEUTRAL) GND at the same time. It may cause an electric shock.
Before pulling out the chassis or other parts, make sure to pull out the power cord from the wall outlet first.
2. Do not short circuit between the LIVE GND and ISOLATED (NEUTRAL) GND, or never measure the LIVE GND and ISOLATED (NEUTRAL) GND at the same time using measuring instruments (oscilloscope, etc.). It may blow fuses or damage other parts.

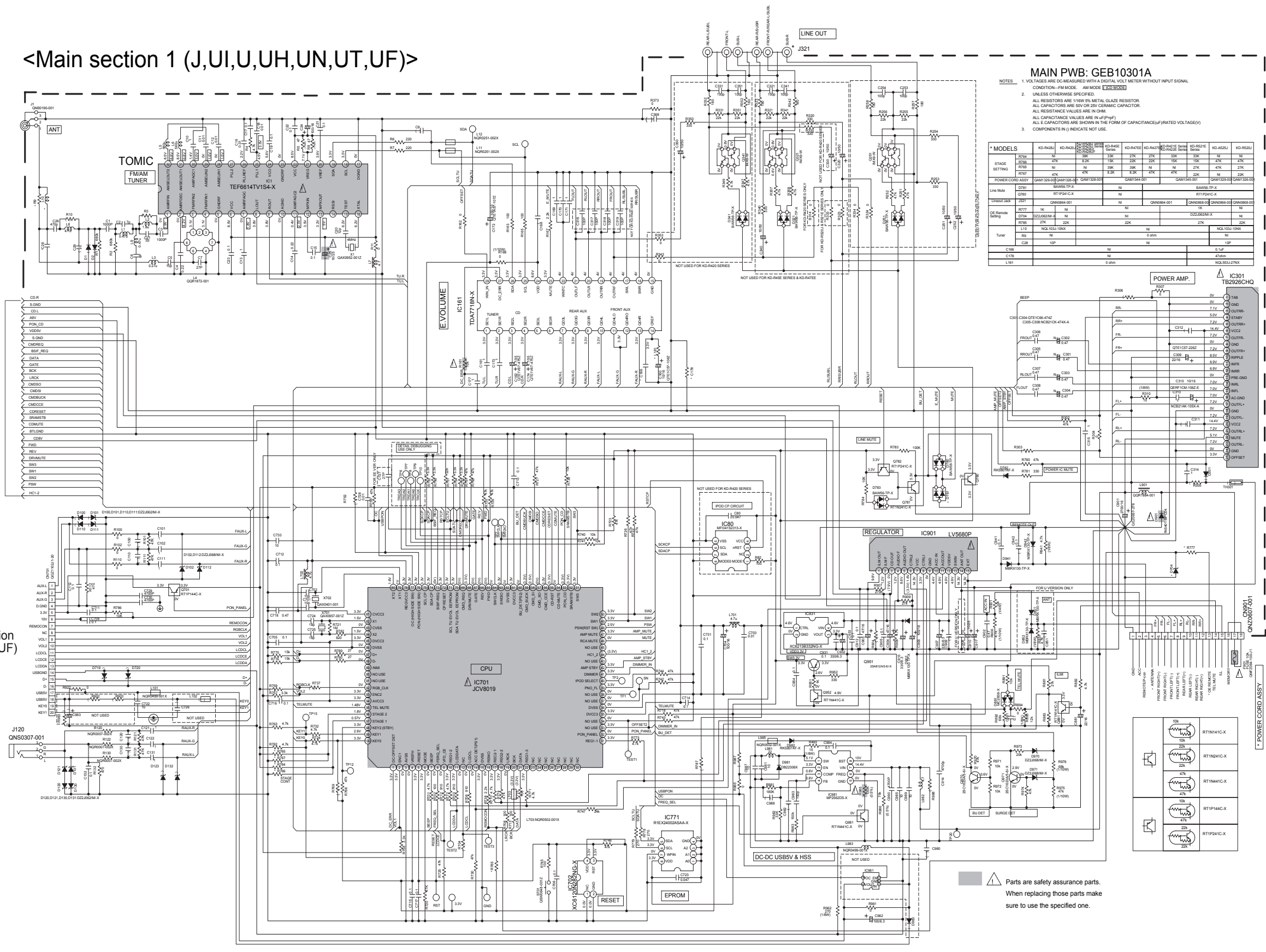
■ DEVIATION TOLERANCE RANGE

DEVIATION TOLERANCE RANGE									
F	G	J	K	M	N	R	H	Z	P
$\pm 1\%$	$\pm 2\%$	$\pm 5\%$	$\pm 10\%$	$\pm 20\%$	$\pm 30\%$	+30% -10%	+50% -10%	+80% -20%	+100% -0%

Block diagram



<Main section 1 (J,UI,U,UH,UN,UT,UF)>



MAIN PWB: GEB10301A

- NOTES
1. VOLTAGES ARE DC MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL
CONDITION: FM MODE AM MODE
 2. UNLESS OTHERWISE SPECIFIED:
ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR.
ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR.
ALL RESISTANCE VALUES ARE IN OHM.
ALL CAPACITANCE VALUES ARE IN UF(PF)
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(F)-RATED VOLTAGE(V)
 3. COMPONENTS IN () INDICATE NOT USE.

MODELS	KD-R42B	KD-R42C	KD-R42E	KD-R42F	KD-R42G	KD-R42H	KD-R42I	KD-R42J	KD-R42K	KD-R42L	KD-R42M	KD-R42N	KD-R42O	KD-R42P	KD-R42Q	KD-R42R	KD-R42S	KD-R42T	KD-R42U	KD-R42V	KD-R42W	KD-R42X	KD-R42Y	KD-R42Z
STAGE	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
SETTING	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
POWER CODE	0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022	0023	0024

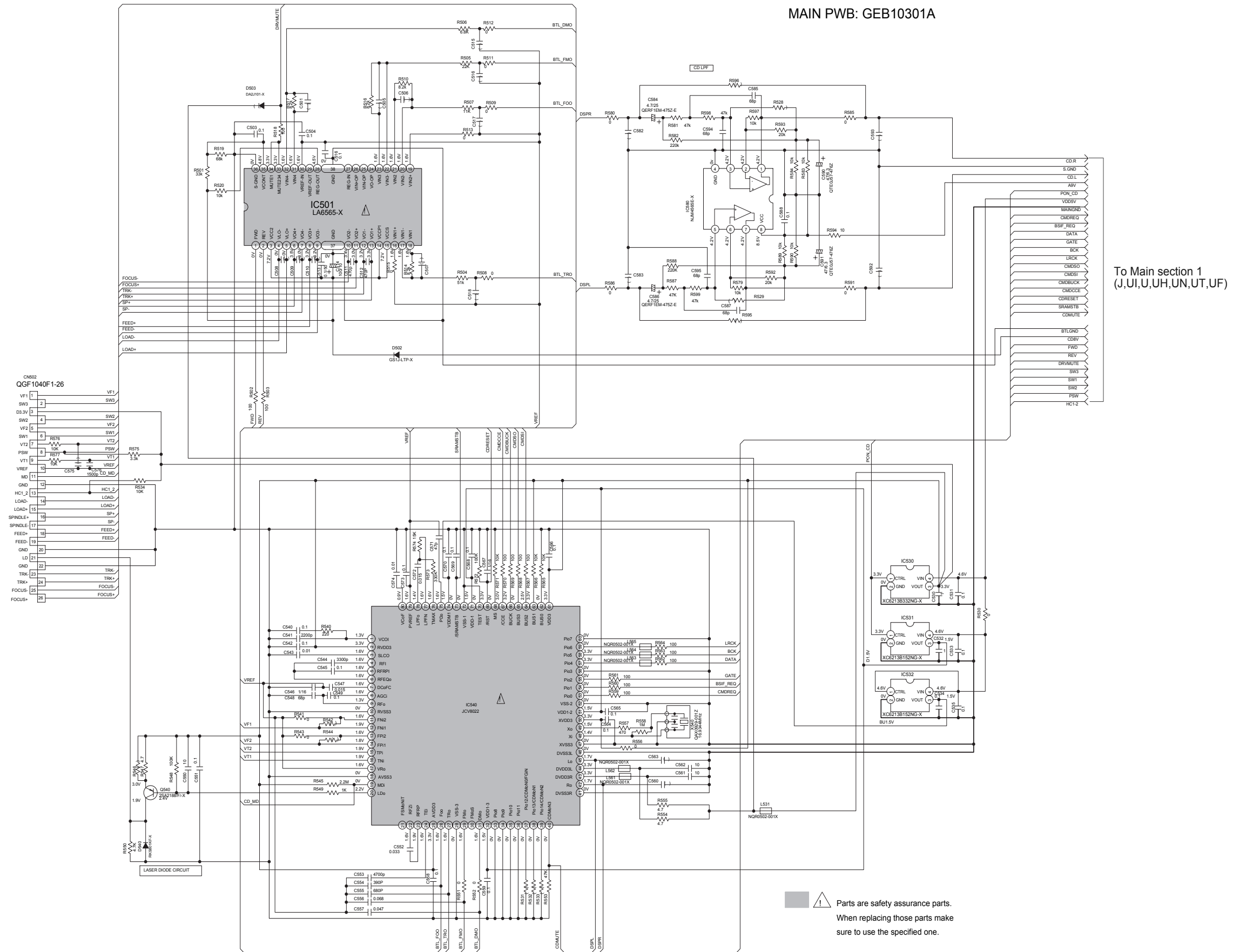
To Main section 2 (J,UI,U,UH,UN,UT,UF)

To LCD & Key section (J,UI,U,UH,UN,UT,UF) CN601

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

<Main section 2 (J,UI,U,UH,UN,UT,UF)>

MAIN PWB: GEB10301A



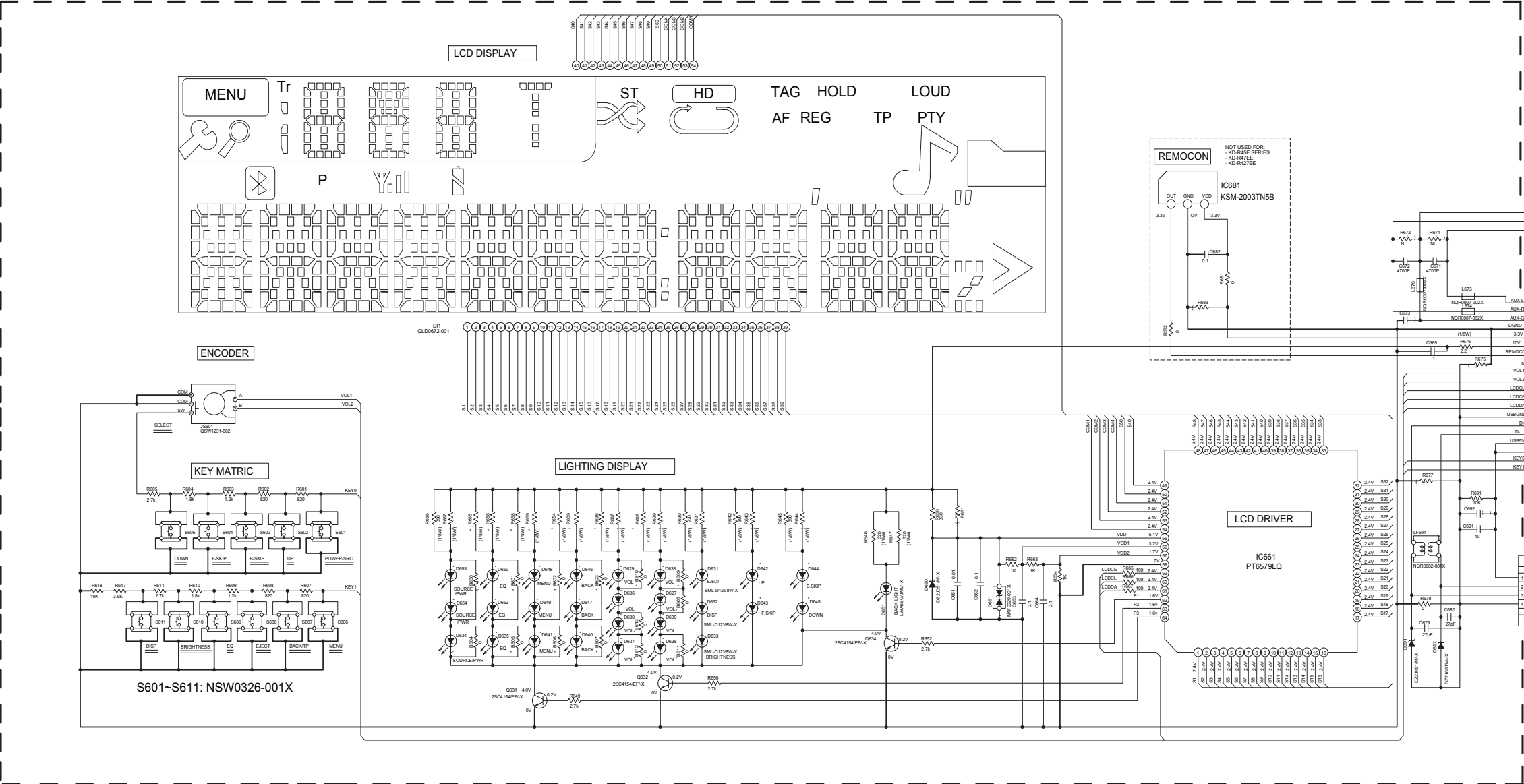
To CD section
CN101

To Main section 1
(J,UI,U,UH,UN,UT,UF)

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

<LCD & Key section (J,UI,U,UH,UN,UT,UF)>

SW PWB:GEB10304A



To Main section 1 (J,UI,U,UH,UN,UT,UF) CN701

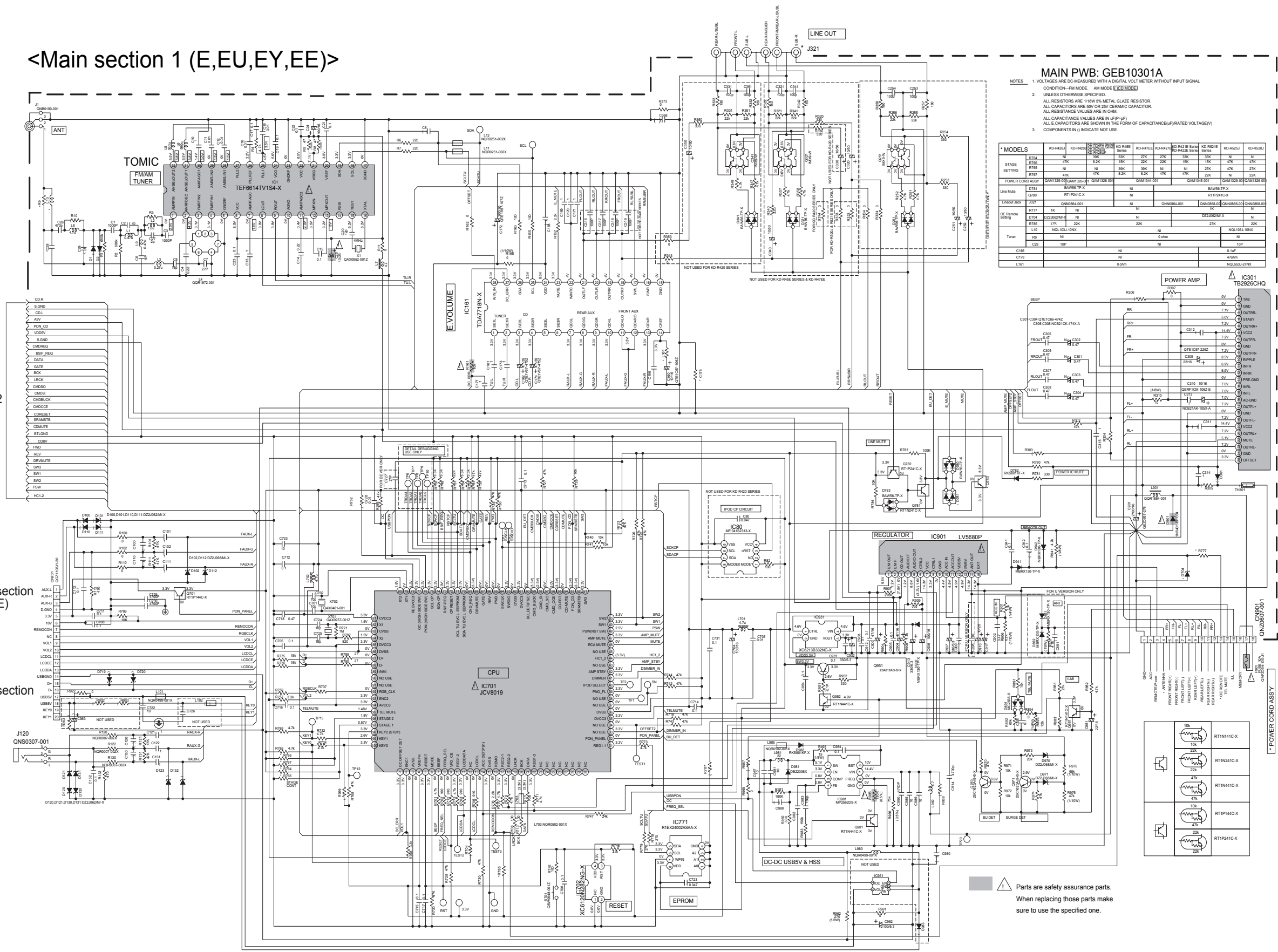
* REMARKS:

	KD-R4251, KD-R4252, KD-R425F, KD-R427E, KD-R42HJ, KD-R42E SERIES, KD-R42U SERIES, KD-R42E SERIES, KD-R42E SERIES, KD-R42E SERIES, KD-R42E SERIES	KD-R42E SERIES, KD-R42E
LED	D640, D641, D635	NIL
	D636, D639	SML-D12V8W-X (RED)
	D637, D638	SML-D12PW-X (GREEN)
	D642 - D645	NIL
	D627 - D630	NIL
	D646 - D650, D652, D653, D654	SML-D12PW-X (GREEN)
LED BRIGHTNESS	B601 - B603, B608, B610, B611, B613	0 Ohm
	B605 - B607, B609, B612	NIL
	R655, R656, R658	520
	R659, R660, R665	1.5K
	R636, R638	390
		R637

	KD-R4251, KD-R4252, KD-R425F, KD-R427E, KD-R42HJ, KD-R42E SERIES, KD-R42U SERIES, KD-R42E SERIES, KD-R42E SERIES, KD-R42E SERIES	KD-R4251, KD-R42U, KD-R42E SERIES, KD-R42E SERIES
AUX JACK	J601	CNS2299-001

NOTES:
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
 2. UNLESS OTHERWISE SPECIFIED,
 ALL RESISTORS ARE 1/8W ±5% METAL GLAZE RESISTOR,
 ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR,
 ALL RESISTANCE VALUES ARE IN OHM,
 ALL CAPACITANCE VALUES ARE IN nF(pF)
 ALL E CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCEμF/RATED VOLTAGE(V)
 T - TANTALUM CAPACITOR,
 3. COMPONENTS IN () INDICATE NOT USE.

<Main section 1 (E,EU,EY,EE)>



MAIN PWB: GEB10301A

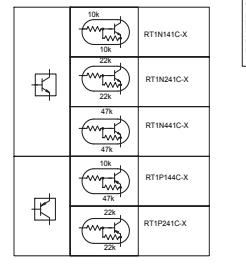
NOTES: 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
 2. UNLESS OTHERWISE SPECIFIED:
 ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR.
 ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR.
 ALL RESISTANCE VALUES ARE IN OHM.
 ALL CAPACITANCE VALUES ARE IN pF (P=PF).
 ALL CAPACITANCE VALUES ARE IN THE FORM OF CAPACITANCE(FRATED VOLTAGE(V)).
 3. COMPONENTS IN () INDICATE NOT USE.

MODELS	KD-R42L	KD-R42S	KD-R42E	KD-R42H	KD-R42I	KD-R42J	KD-R42K	KD-R42L	KD-R42M	KD-R42N	KD-R42O	KD-R42P	KD-R42Q	KD-R42R	KD-R42S	KD-R42T	KD-R42U	KD-R42V	KD-R42W	KD-R42X	KD-R42Y	KD-R42Z
STAGE	R254	NI	NI	13K	27K	27K	15K	33K	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
SETTING	R255	NI	NI	8.2K	15K	22K	22K	15K	15K	47K	47K	27K	27K	27K	47K	27K	27K	27K	27K	27K	27K	27K
POWER CORD ASSY	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01	QAM1324-01
LINE MUTE	D781	BAV99-TP-X	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LINE MUTE	C780	RT1P44C-X	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LINE MUTE	C781	QAM1324-01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LINE MUTE	R777	1K	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LINE MUTE	D784	DZ2.025B-X	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LINE MUTE	R780	27K	22K	22K	22K	22K	22K	22K	22K	22K	22K	22K	22K	22K	22K	22K	22K	22K	22K	22K	22K	22K
LINE MUTE	C782	10K	10K	10K	10K	10K	10K	10K	10K	10K	10K	10K	10K	10K	10K	10K	10K	10K	10K	10K	10K	10K
LINE MUTE	C783	10P	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LINE MUTE	C784	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LINE MUTE	C785	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LINE MUTE	L781	0.01H	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LINE MUTE	L782	0.01H	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

To Main section 2 (E,EU,EY,EE)

To LCD & Key section (Expect R527EE) CN601

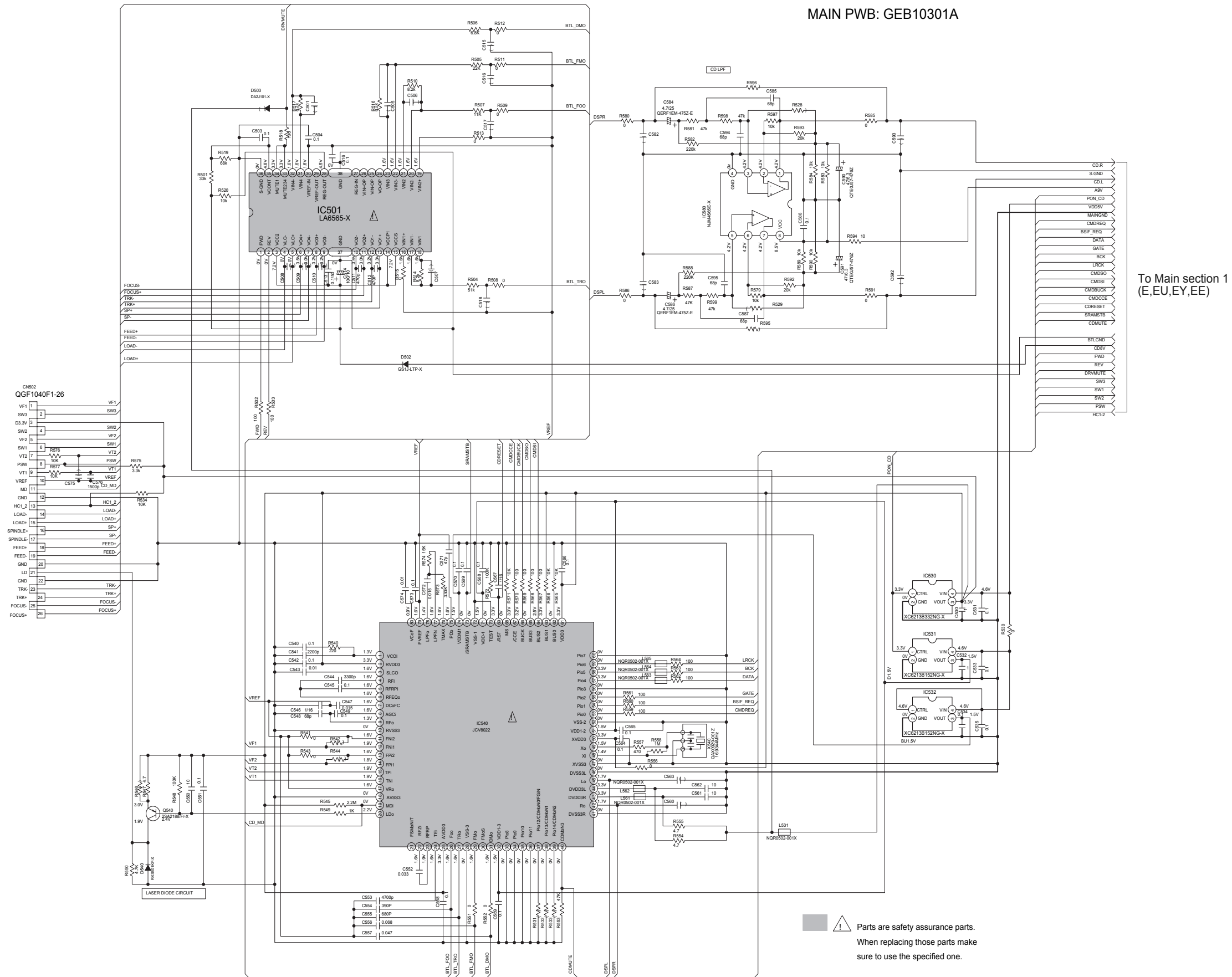
To LCD & Key section (R527EE) CJ601



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

<Main section 2 (E,EU,EY,EE)>

MAIN PWB: GEB10301A



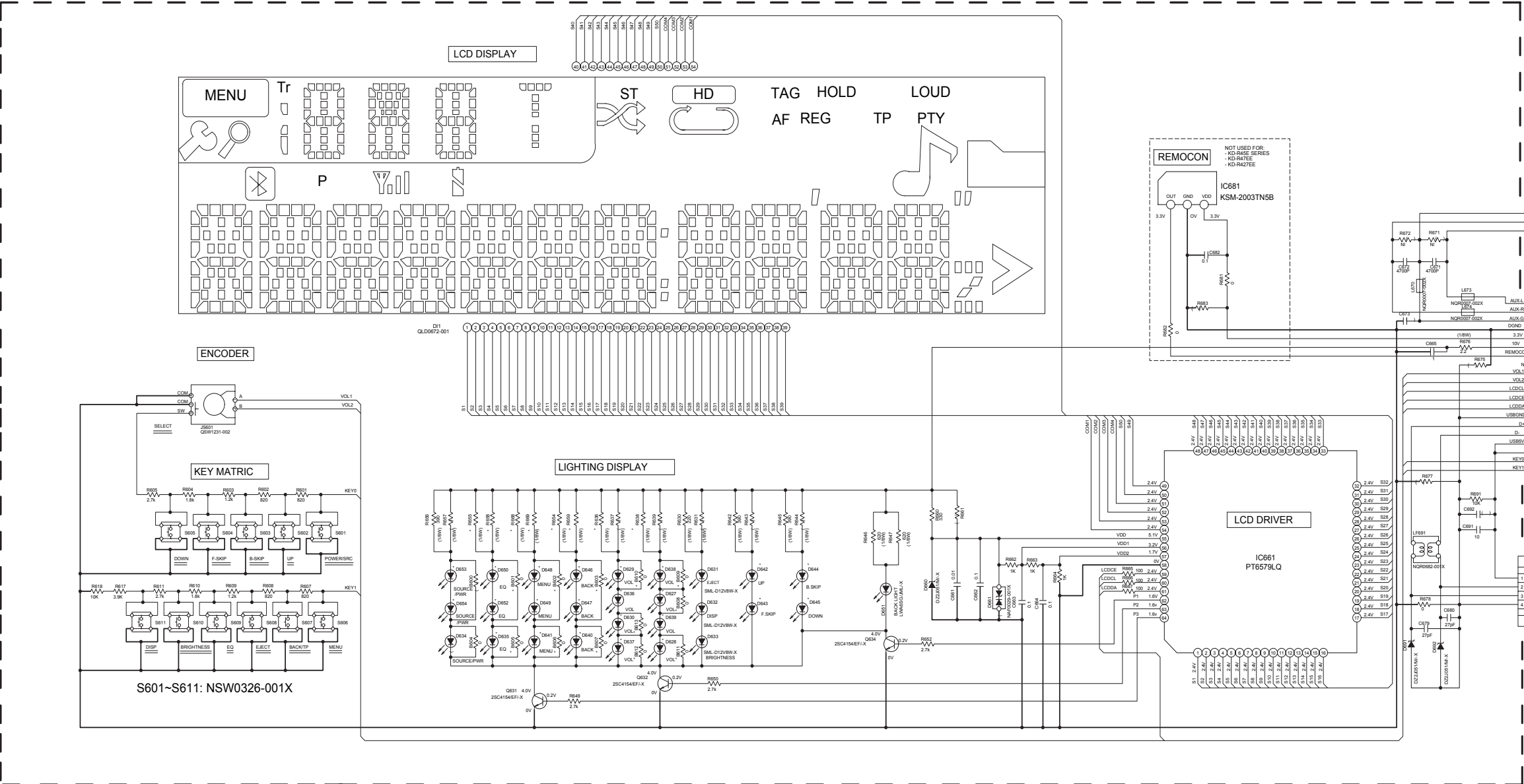
To CD section
CN101

To Main section 1
(E,EU,EY,EE)

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

<LCD & Key section (Expect R527EE)>

SW PWB:GEB10304A



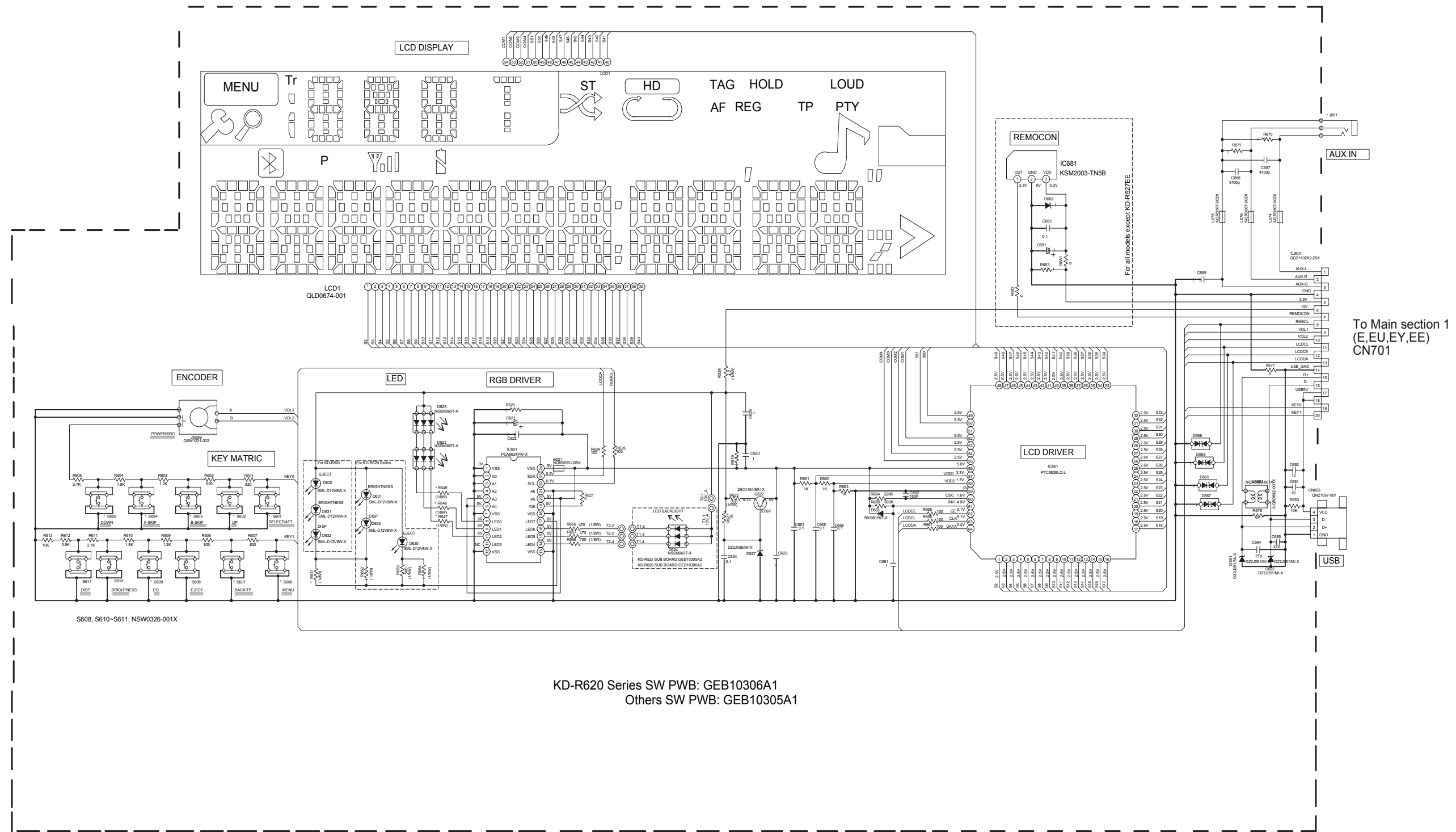
* REMARKS:

LED	D640, D641, D635		
	D636, D639	SML-D12BW-X (RED)	SML-D12PW-X (GREEN)
	D637, D638		NIL
	D642 - D645		NIL
	D646 - D650, D652		SML-D12PW-X (GREEN)
	D653, D654	SML-D12BW-X (RED)	
LED BRIGHTNESS	B601 - B603		
	B608, B610, B611, B613	0 Ohm	NIL
	B605 - B607	NIL	0 Ohm
	R655, R656, R654	820	300
	R658, R659, R659	1.5K	NIL
	R636, R638	350	220

AUX JACK	.J001	QNS0299-001	QNS0298-001
----------	-------	-------------	-------------

NOTES:
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
 2. UNLESS OTHERWISE SPECIFIED, ALL RESISTORS ARE 1/16W 4% METAL GLAZE RESISTOR. ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR. ALL CAPACITANCE VALUES ARE IN uF(pF). ALL RESISTANCE VALUES ARE IN OHM. ALL CAPACITANCE VALUES ARE IN uF(pF). ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF/RATED VOLTAGE[V]). T = TANTALUM CAPACITOR.
 3. COMPONENTS IN () INDICATE NOT USE.

< LCD & Key section (R527EE)>



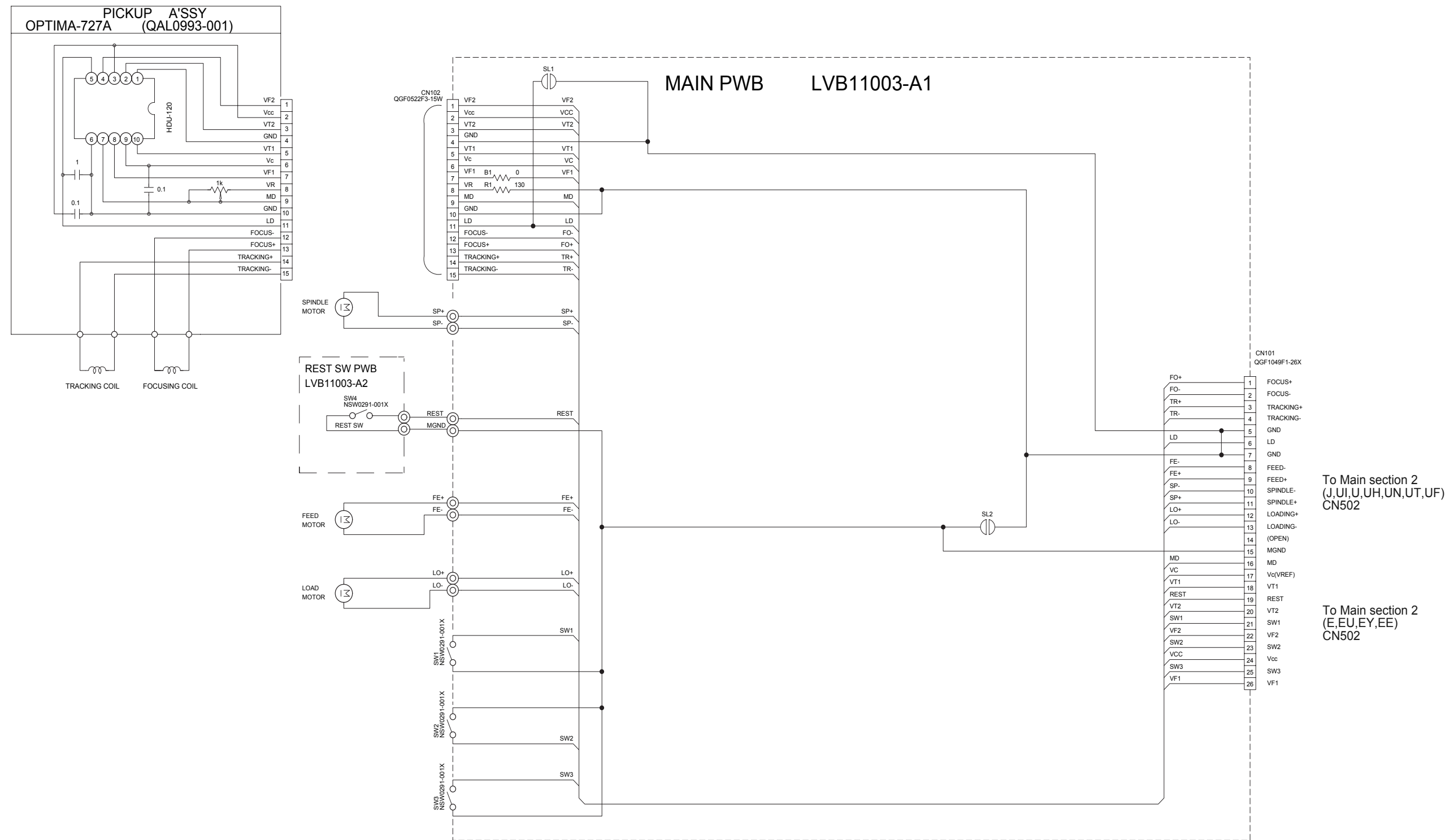
KD-R620 Series SW PWB: GEB10306A1
Others SW PWB: GEB10305A1

*MODEL		KD-R52x	KD-R620 Series
RGB BRIGHTNESS	R647, R648	470 ohm	270 ohm
	R649	820 ohm	560 ohm
LED BRIGHTNESS	R631	270 ohm	680 ohm
TAC SW	S601-S607, S609	NSW0326-001X	NSW0246-001X

*MODEL		KD-R527EE	Others
AUX JACK	J601	QNS0298-001	QNS0299-001

- NOTES
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
 - UNLESS OTHERWISE SPECIFIED:
ALL RESISTORS ARE 1/16W ±5% METAL GLAZE RESISTOR.
ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR.
ALL RESISTANCE VALUES ARE IN OHM.
ALL CAPACITANCE VALUES ARE IN uF(PrpF).
ALL E CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF/RATED VOLTAGE(V)).
T = TANTALUM CAPACITOR.
 - COMPONENTS IN () INDICATE NOT USE.

<CD section>



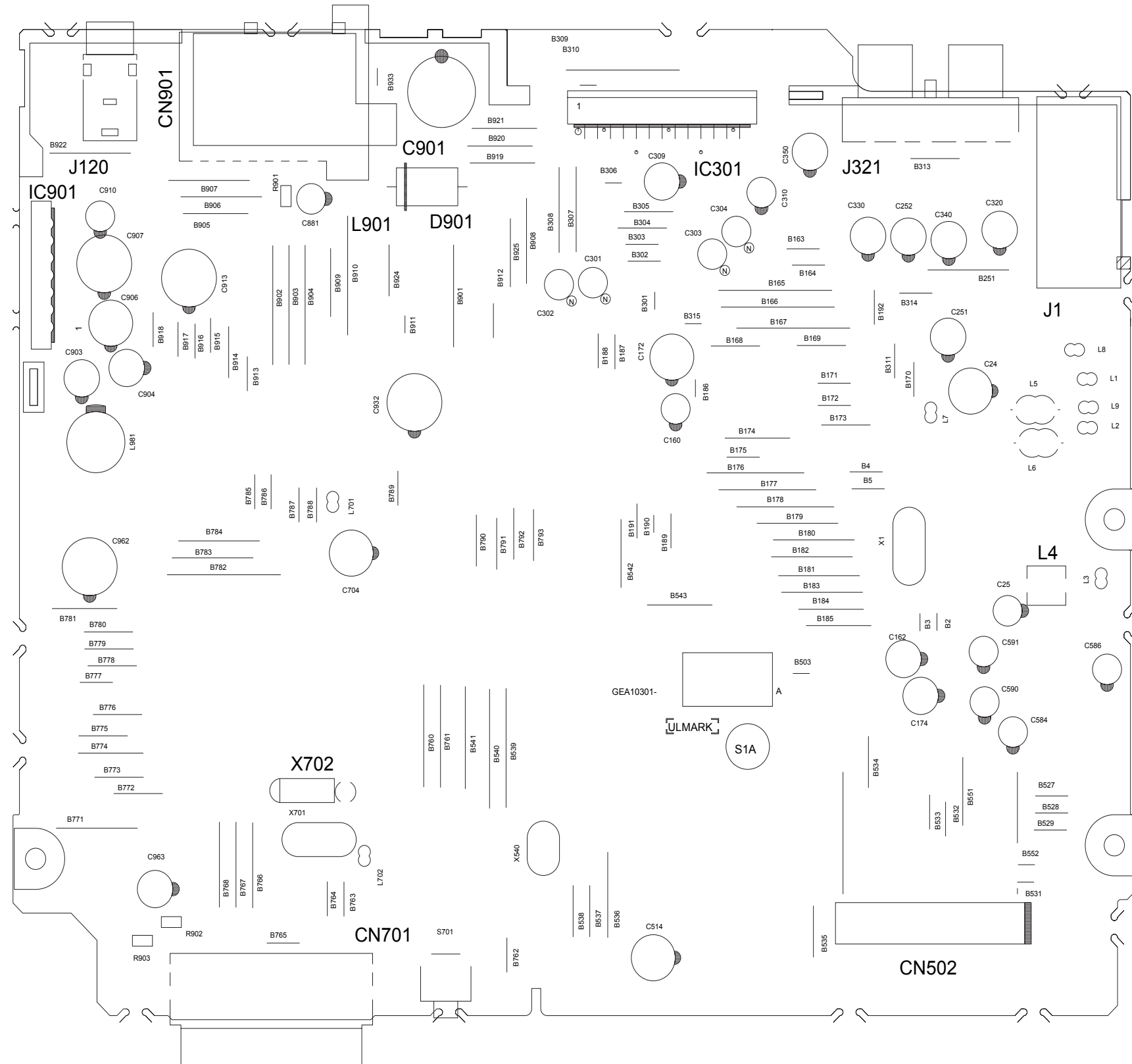
To Main section 2
(J,UI,U,UH,UN,UT,UF)
CN502

To Main section 2
(E,EU,EY,EE)
CN502

<Main board (J,UI,U,UH,UN,UT,UF)>

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

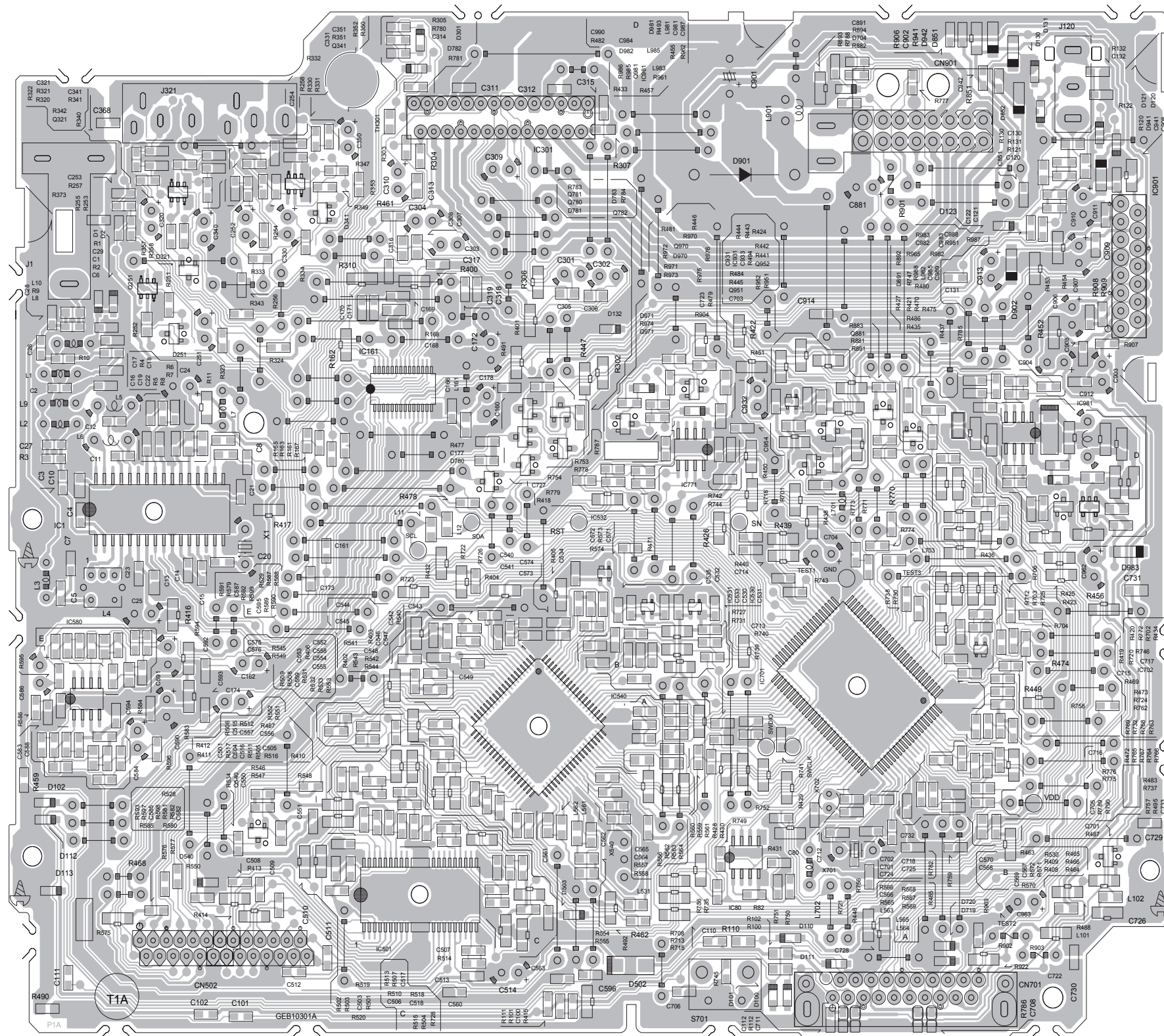
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



<Main board (J,UI,U,UH,UN,UT,UF)>

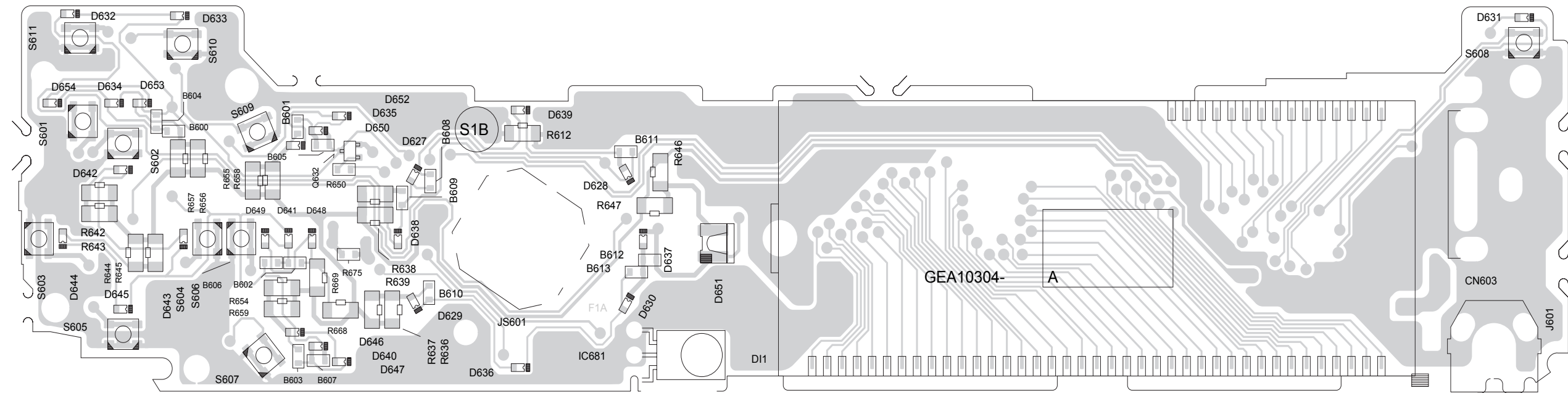
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

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



<Switch board (J,UI,U,UH,UN,UT,UF)>

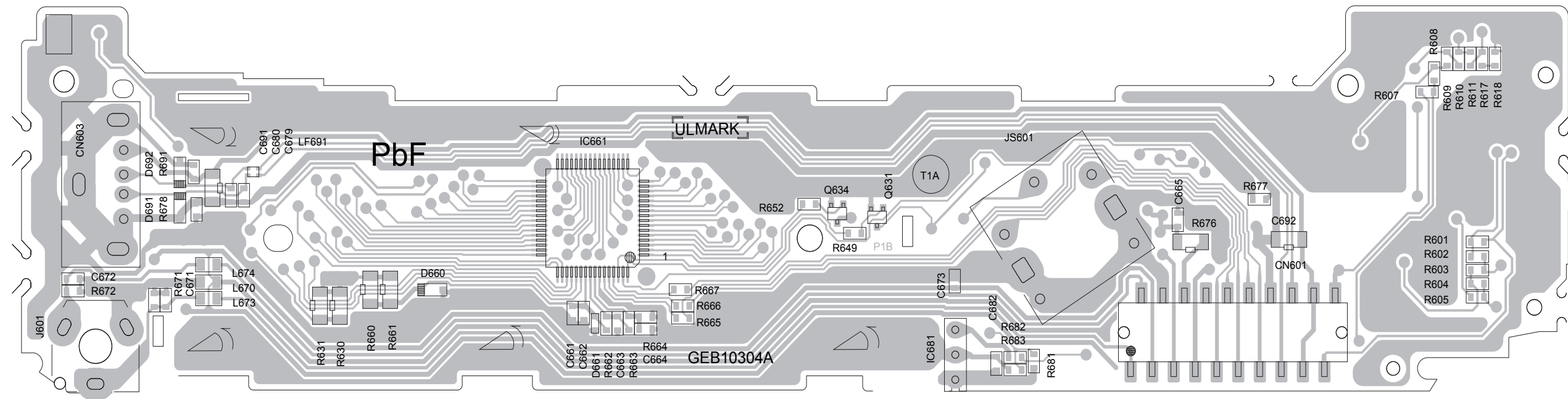
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



<Switch board (J,UI,U,UH,UN,UT,UF)>

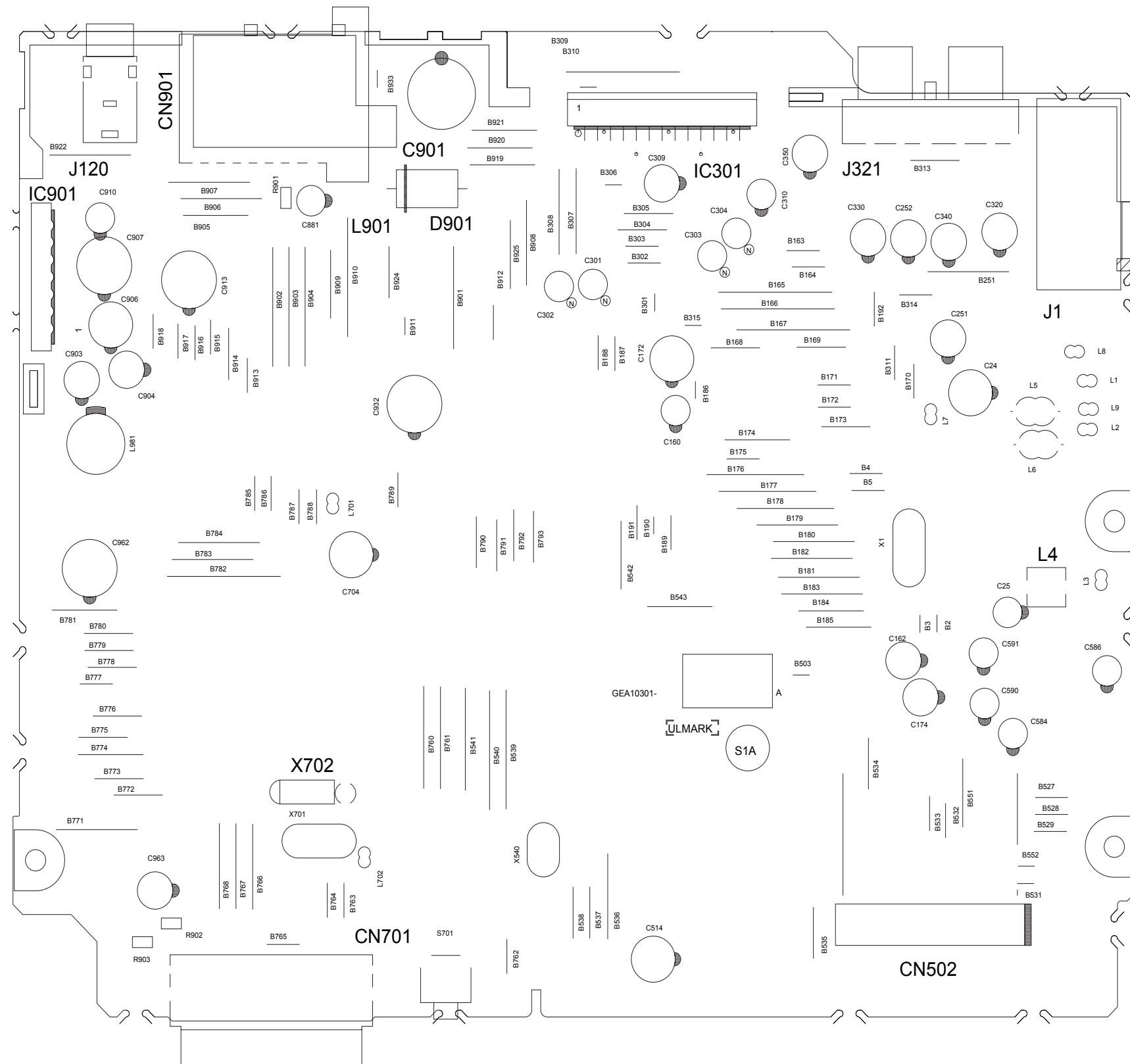
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

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



<Main board (E,EU,EY,EE)>

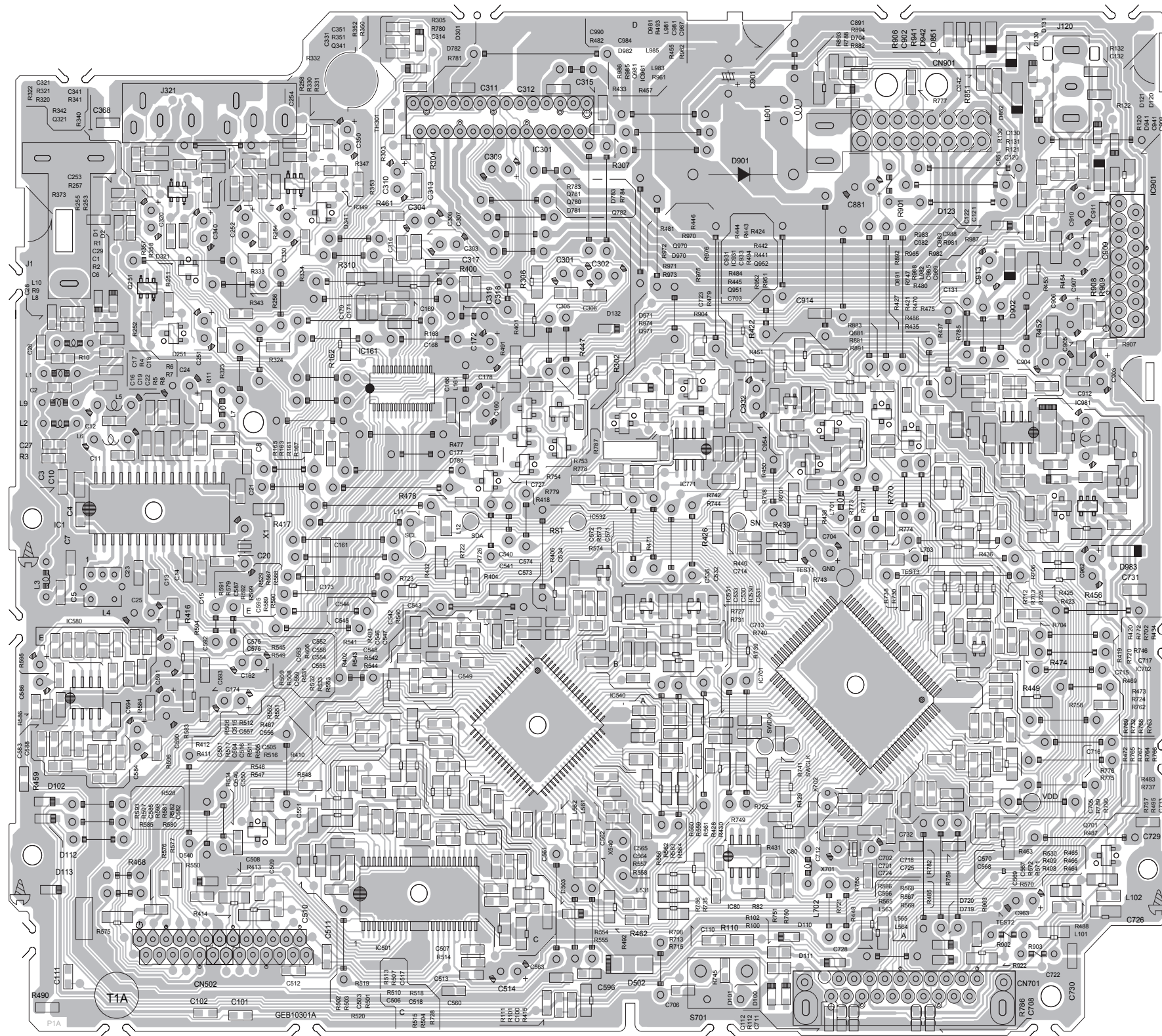
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



<Main board (E,EU,EY,EE)>

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

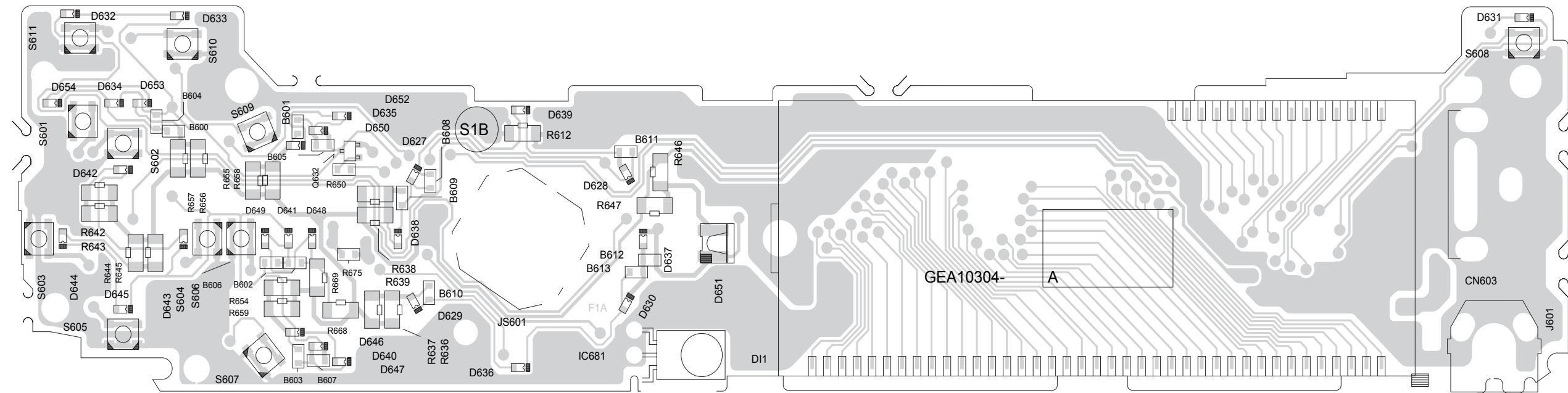
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



<Switch board (Expect R527EE)>

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

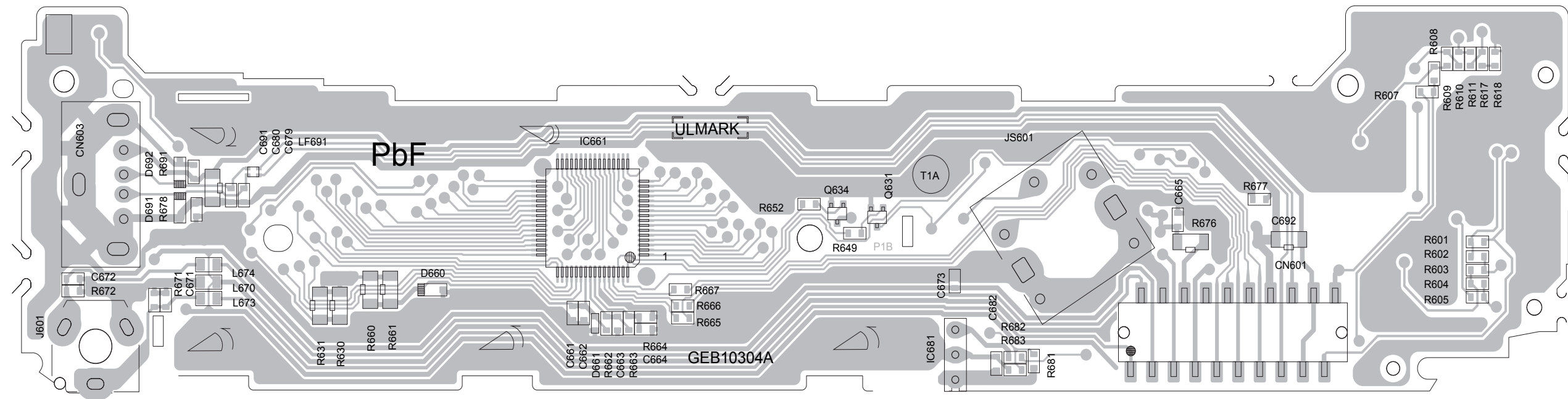
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



<Switch board (Expect R527EE)>

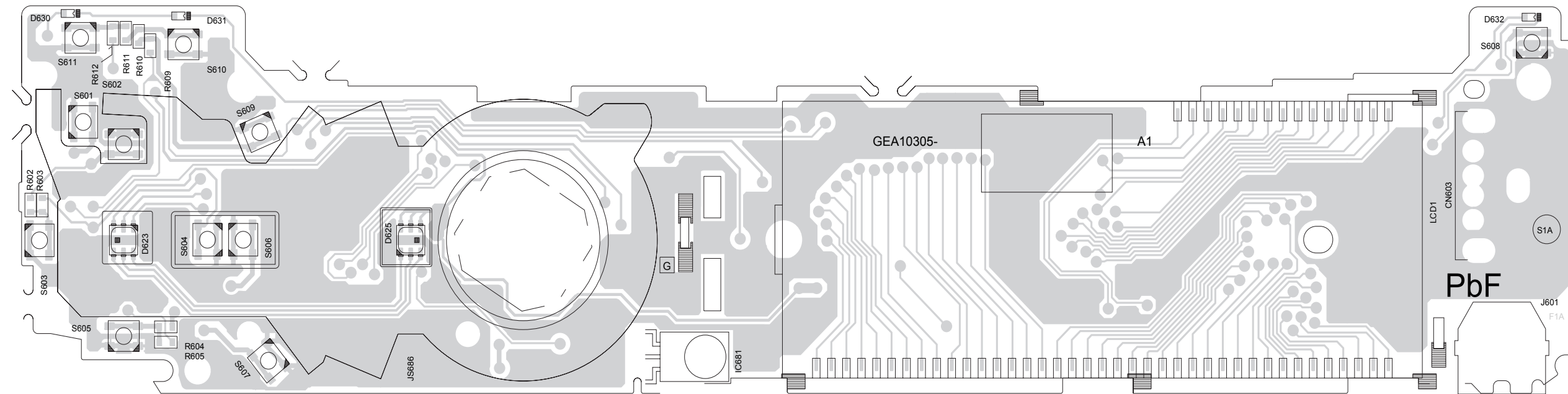
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

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



<Switch board (R527EE)>

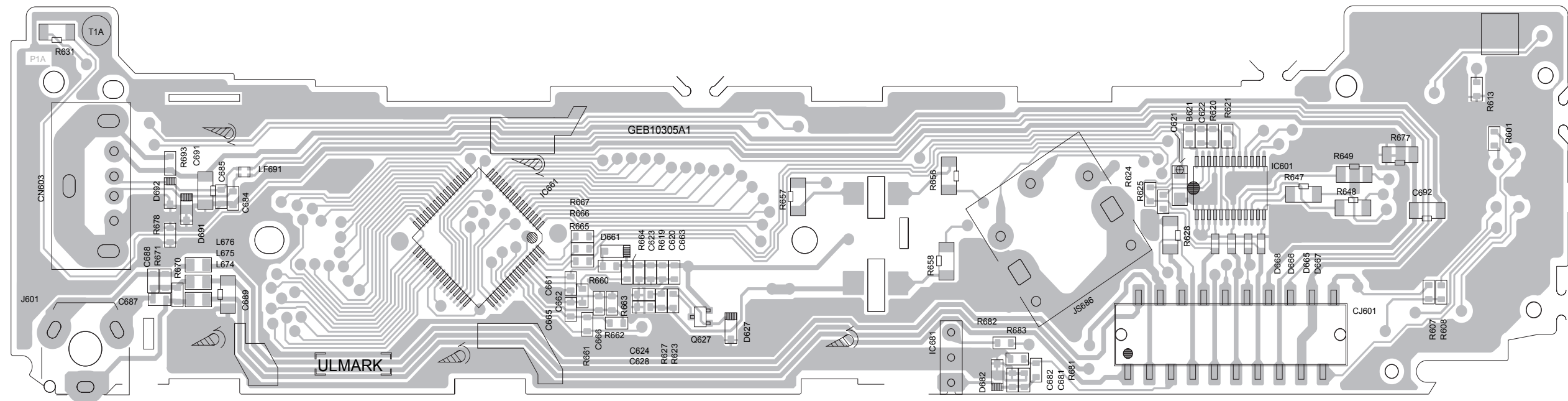
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



<Switch board (R527EE)>

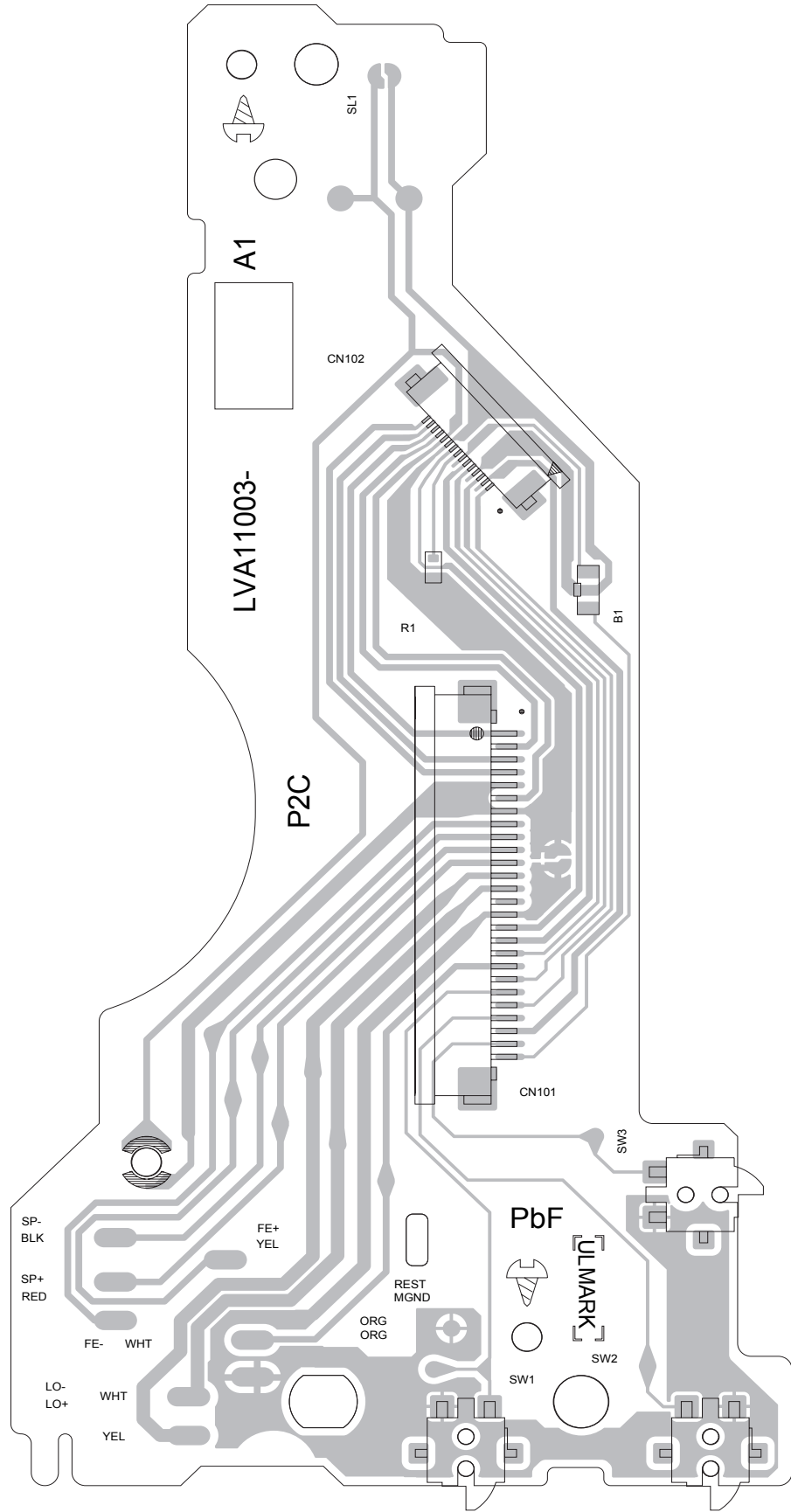
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

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



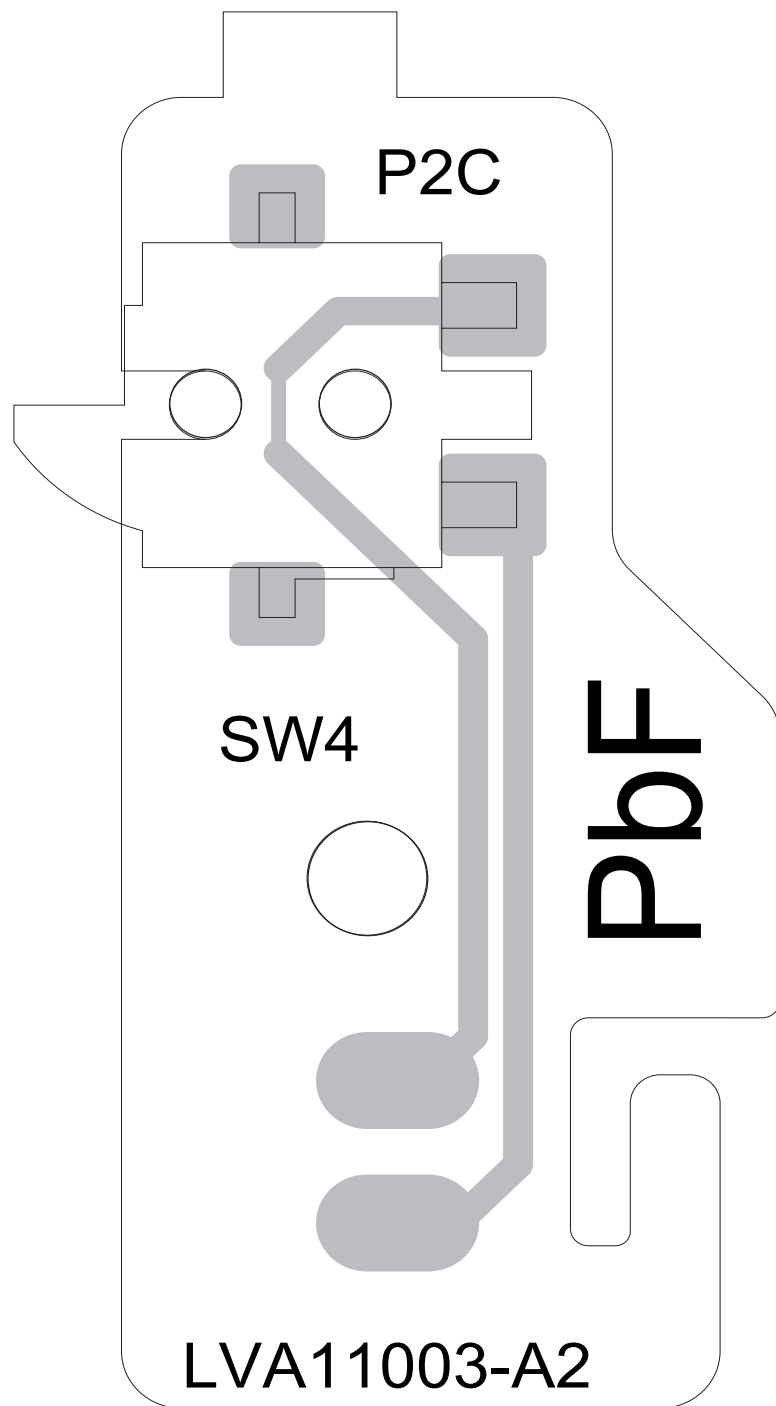
<Mecha control board>

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



<Rest switch board>

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





PARTS LIST

CD RECEIVER

KD-R420J
KD-R421EY
KD-R422EY
KD-R425UH
KD-R426UH
KD-R427EE
KD-R45E

KD-R421E
KD-R422E
KD-R424UI
KD-R425UN
KD-R426UN
KD-R428J
KD-R45EY
KD-R527EE

KD-R421EU
KD-R422EU
KD-R425U
KD-R426U
KD-R426UT
KD-R428UF
KD-R47EE



■ 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.
- When ordering chips, screws etc., place bulk orders (unit of tens) whenever possible to improve shipping efficiency.
- 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.

■ PRECAUTIONS ON SERVICE

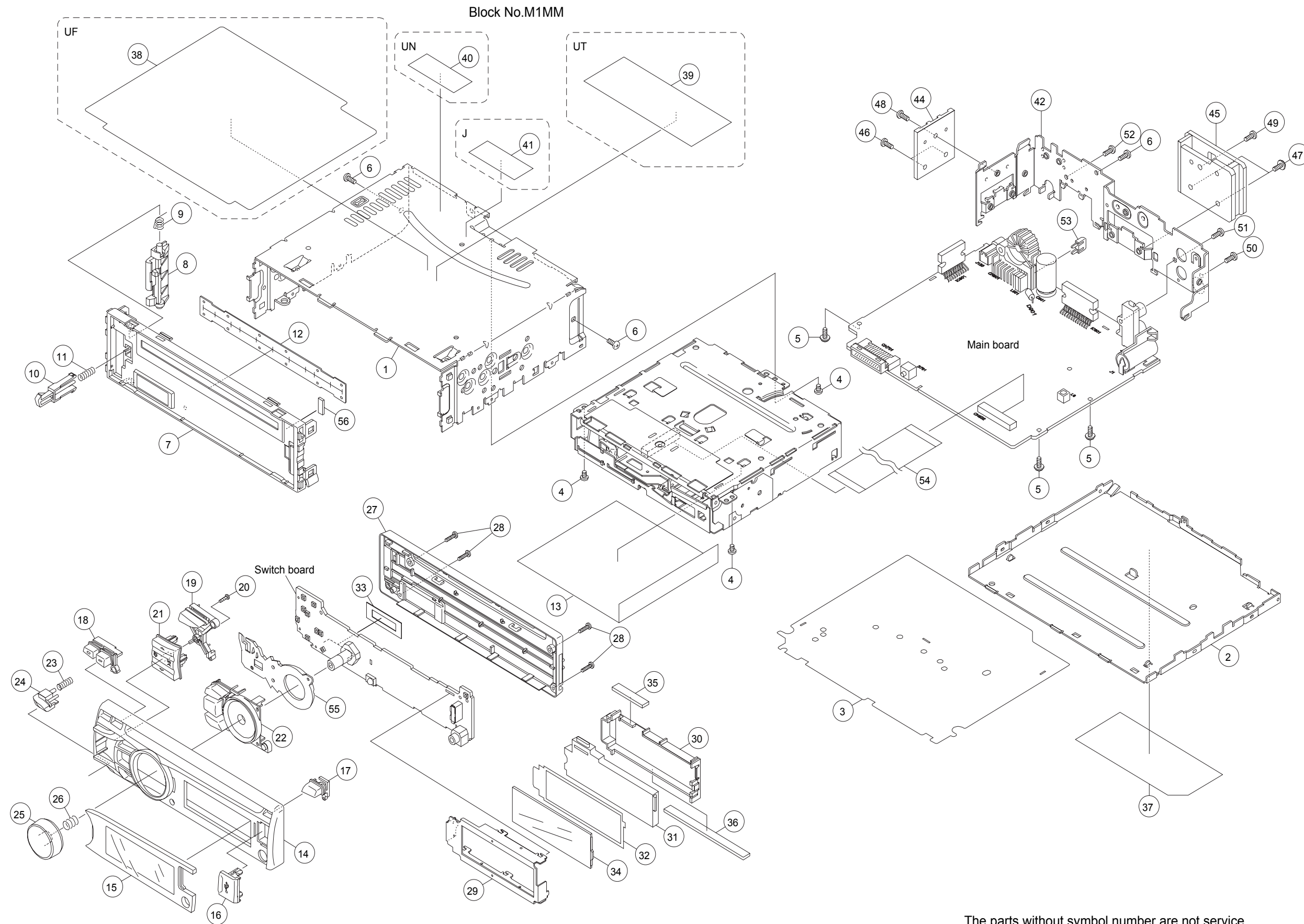
Certain parts of the power circuits and the GNDs differ according to the models. Care must be taken for the following points as the differences are indicated separately in the LIVE GND () and the ISOLATED (NEUTRAL) GND () .

1. Do not touch the LIVE GND, or do not touch the LIVE GND and the ISOLATED (NEUTRAL) GND at the same time. It may cause an electric shock.
Before pulling out the chassis or other parts, make sure to pull out the power cord from the wall outlet first.
2. Do not short circuit between the LIVE GND and ISOLATED (NEUTRAL) GND, or never measure the LIVE GND and ISOLATED (NEUTRAL) GND at the same time using measuring instruments (oscilloscope, etc.). It may blow fuses or damage other parts.

■ DEVIATION TOLERANCE RANGE

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

Exploded view of general assembly



The parts without symbol number are not service.

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

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

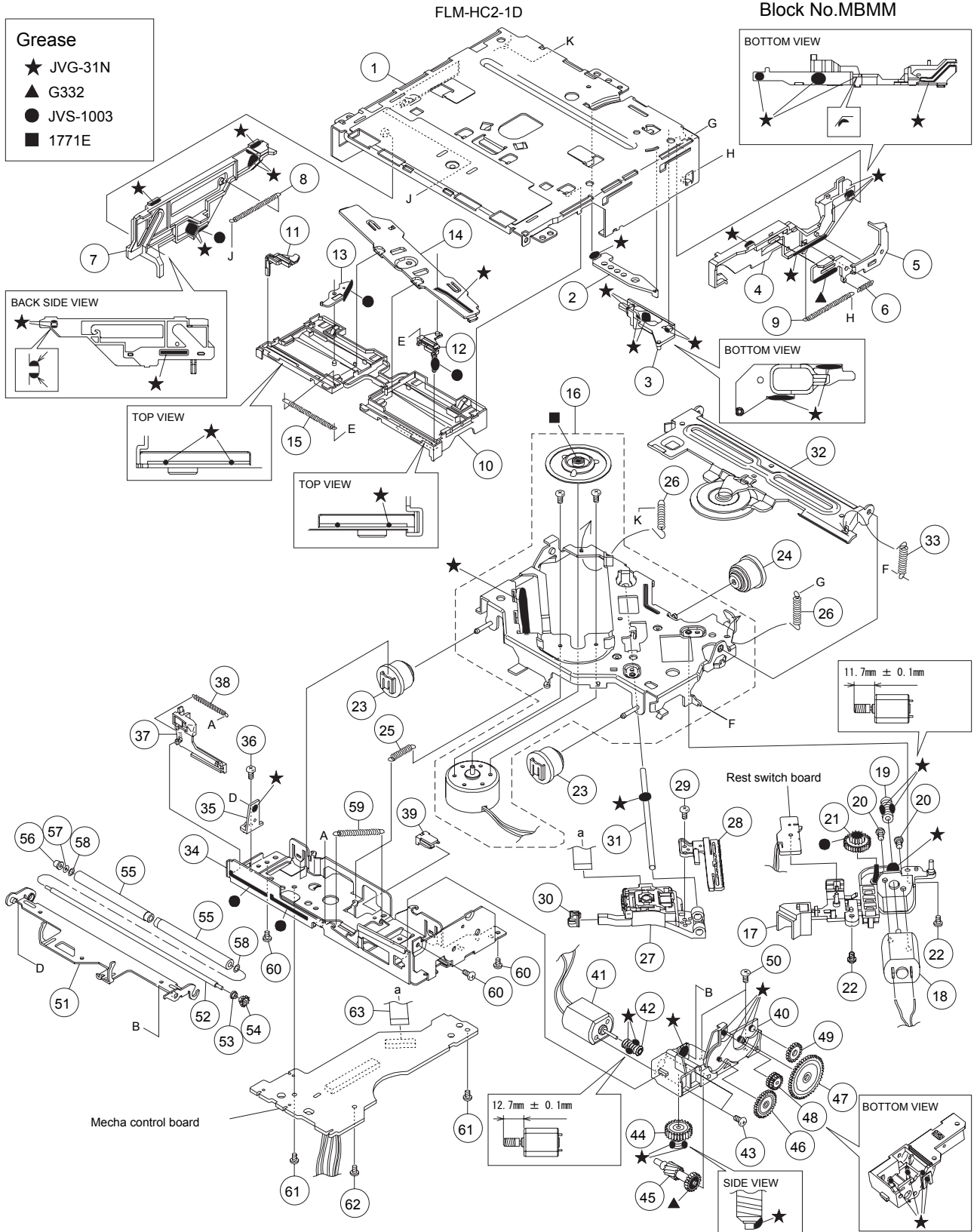
General assembly <M1MM>

1		GE10294-001A	TOP CHASSIS		1	
2		GE20275-003A	BOTTOM COVER		1	
3		GE34089-001A	INSULATOR		1	
4		QYSDST2604ZA	TAP SCREW	M2.6 x 4mm	3	
5		LV44800-005A	SPECIAL SCREW		3	
6		QYSDST2606ZA	TAP SCREW	M2.6 x 6mm	3	
7		GE10293-001A	FRONT CHASSIS		1	
8		GE34072-001A	LOCK LEVER		1	
9		GE40514-002A	TORSION SPRING		1	
10		GE34073-001A	RELEASE LEVER		1	
11		GE30999-008A	COMP.SPRING		1	
12		GE40500-001A	BLIND		1	
13		GE34327-001A	SHIELD COVER		1	
14		GE10301-005A	FRONT PANEL		1	A,B,C,D,E,F,G,L,M,N,O,P, R,S,T,U,V
14		GE10301-010A	FRONT PANEL		1	H,I,J,K
14		GE10301-008A	FRONT PANEL		1	Q
15		GE34144-007A	FINDER ASSY		1	A
15		GE34144-009A	FINDER ASSY		1	B,C,D
15		GE34144-010A	FINDER ASSY		1	E,F,G
15		GE34144-014A	FINDER ASSY		1	H
15		GE34144-016A	FINDER ASSY		1	I,J,K
15		GE34144-003A	FINDER ASSY		1	L,M,N,O
15		GE34144-006A	FINDER ASSY		1	P
15		GE34144-008A	FINDER ASSY		1	Q
15		GE34144-015A	FINDER ASSY		1	R
15		GE34144-011A	FINDER ASSY		1	S,T
15		GE34144-012A	FINDER ASSY		1	U
15		GE34144-013A	FINDER ASSY		1	V
16		GE34135-001A	USB DOOR COVER		1	
17		GE34136-001A	EJECT BUTTON		1	
18		GE34137-001A	DISP.BUTTON		1	
19		GE34138-001A	SRC BUTTON		1	
20		VKZ4777-011	SCREW		1	
21		GE34139-001A	NAVI BUTTON		1	
22		GE34140-003A	MENU BUTTON		1	A,H,I,J,K,L,M,N,O,Q,R
22		GE34325-002A	BUTTON ASSY		1	B,C,D,E,F,G,P,V
22		GE34140-004A	MENU BUTTON		1	S,T,U
23		GE30999-009A	COMP.SPRING		1	
24		GE34141-002A	DETACH BUTTON		1	
24		GE34141-001A	DETACH BUTTON		1	A,B,C,D,E,F,G,L,M,N,O,P, Q,R,S,T,U,V H,I,J,K
25		GE34142-001A	VOL.KNOB		1	
25		GE34142-002A	VOL.KNOB		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,R,S,T,U,V Q
26		GE40127-009A	KNOB SPRING		1	
27		GE10302-001A	REAR COVER		1	
28		QYSDSF2008ZA	TAP SCREW	M2 x 8mm	4	
29		GE34147-001A	LCD CASE		1	
30		GE34146-001A	LENS CASE		1	
31		GE34145-001A	LCD LENS		1	
32		GE40512-002A	LIGHTING SHEET		1	
33		GE40493-002A	SHEET		1	
34		QLD0672-001	LCD MODULE		1	
34		QLD0674-001	LCD MODULE		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U V
35		QNZ1002-001	RUBBER CONNE		1	
36		QNZ1003-001	RUBBER CONNE		1	
37		GE34257-001A	NAME PLATE		1	A
37		GE34276-002A	NAME PLATE		1	B,C,D
37		GE34279-002A	NAME PLATE		1	E,F,G
37		GE34270-002A	NAME PLATE		1	H
37		GE34260-001A	NAME PLATE		1	I,J,K
37		GE34263-001A	NAME PLATE		1	L,M,N,O
37		GE34285-001A	NAME PLATE		1	P
37		GE34254-002A	NAME PLATE		1	Q
37		GE34273-001A	NAME PLATE		1	R
37		GE34282-002A	NAME PLATE		1	S,T
37		GE34288-001A	NAME PLATE		1	U
37		GE34294-001A	NAME PLATE		1	V
38		GE33440-001A	TOP SHEET		1	R
39		GE33884-013A	UT LABEL		1	O
40		GE40547-001A	LABEL		1	K,N
41		GE40442-001A	FCC RULE LABEL		1	A,Q
42		GE20276-015A	REAR BRACKET		1	
42		GE20276-019A	REAR BRACKET		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,V S,T,U
44		GE40499-001A	REG HEAT SINK		1	
45		GE34070-001A	HEAT SINK		1	
46		QYSDST2610ZA	TAP SCREW	M2.6 x 10mm	2	

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	47	LV44800-003A	SPECIAL SCREW		2	
	48	QYSDST2608ZA	TAP SCREW	M2.6 x 8mm	1	
	49	QYSDST2610ZA	TAP SCREW	M2.6 x 10mm	1	
	50	QYSDSG3006ZA	TAP SCREW	M3 x 6mm	1	
	51	QYSDSF2608ZA	TAP SCREW	M2.6 x 8mm	1	
						A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,V
△	52	QYSDSG3006ZA	TAP SCREW	M3 x 6mm	1	
	53	QMFZ064-100-J1	FUSE	10A	1	
	54	WJT0255-001A-E	E-CARD WIRE		1	
	54 or	WJT0254-001A-E	E-CARD WIRE		1	
	55	GE34081-001A	LIGHT GUIDE		1	V
	56	FSYH4036-098	SHEET		1	B,C,D,E,F,G,P,S,T,U,V

CD mechanism assembly



MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

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

CD mechanism (FLM-HC2-1D) <MBMM>

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	1	LV11685-003A	TOP FRAME		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	2	LV38953-001A	TRIGGER PLATE		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	3	LV38952-001A	FL SLIDER(B)		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	4	LV22826-002A	LOAD CAM		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	5	LV38951-001A	TRIGGER RACK		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	6	LV45415-001A	TRIGGER SPRING		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	7	LV22827-001A	FL SLIDER(L)		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	8	LV45416-001A	LOAD CAM SPRING		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	9	LV45417-001A	FL SLIDERSPRING		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	10	LV11689-001A	DISC GUIDE		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	11	LV38956-001A	SW SLIDER(L)		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	12	LV38957-001A	SW SLIDER(R)		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	13	LV39009-001A	JOINT LEVER		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	14	LV38958-001A	JOINT PLATE		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	15	LV45420-002A	SWSLIDER SPRING		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	16	CM-FLMHC1D	SPINDLE MOTOR ASSY		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	17	LV22828-001A	FEED BRACKET		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	18	QAR0144-003	MOTOR	2.0V DC	1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	19	LV36814-001A	F WORM GEAR		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	20	QYSPSPT2025MA	SCREW	M2 x 2.5mm	2	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	21	LV36815-002A	F WHEEL GEAR		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	22	VKZ4539-054	MINI SCREW		2	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	23	LV36904-001A	DAMPER		2	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	24	LV37061-001A	DAMPER		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	25	LV45422-001A	SUS SPRING(F)		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	26	LV45423-001A	SUS SPRING(B)		2	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
△	27	QAL0993-001	PICK UP		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	28	LV38960-001A	FEED RACK		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	29	QYSPSGT1745ZA	TAP SCREW	M1.7 x 4.5mm	1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	30	LV36813-201A	SUB GUIDE CAP		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	31	LV44555-001A	MAIN SHAFT		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	32	LV38950-002A	HC CL.BASE ASSY		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	33	LV45421-001A	HC CL.SPRING		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	34	LV11686-001A	BOTTOM FRAME		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	35	LV38954-002A	R.ARM GUIDE		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	36	VKZ4539-054	MINI SCREW		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	37	LV38959-001A	SW ACTUATOR		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	38	LV45505-001A	SW ACT SPRING		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	39	LV38962-001A	WIRE GUIDE		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	40	LV11688-001A	LOADING BASE		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	41	QAR0144-003	MOTOR	2.0V DC	1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	42	LV38963-001A	D.WORM GEAR		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	43	QYSPSPT2025MA	SCREW	M2 x 2.5mm	2	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	44	LV38964-001A	D.WHEEL GEAR		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	45	LV38965-002A	ACT GEAR(1)		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	46	LV38966-001A	ACT GEAR(2)		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	47	LV38967-001A	ACT GEAR(3)		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	48	LV38968-001A	ROLLER ACT GEAR		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	49	LV38969-001A	DRIVE GEAR		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	50	VKZ4539-054	MINI SCREW		2	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	51	LV11690-001A	ROLLER ARM		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	52	LV45413-004A	HC ROLLER SHAFT		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	53	LV45412-001A	RA COLLAR(R)		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	54	LV38970-001A	HC ROLLER GEAR		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	55	LV45424-001A	HC ROLLER		2	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	56	LV45411-002A	RA COLLAR(L)		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	57	LV45270-001A	WASHER 2		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	58	LV45449-001A	WASHER		2	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
	59	LV45418-001A	R.ARM SPRING		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	60	VKZ4539-054	MINI SCREW		3	A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V
	61	VKZ4539-054	MINI SCREW		2	A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V
	62	VKZ4539-054	MINI SCREW		1	A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V
	63	QAL0817-003	FPC		1	A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V

Electrical parts list Main board J,UI,U,UH,UN,UT,UF<01>

△	IC1	TEF6614TV1S4-X	IC		1	A,H,I,J,K,L,M,N,O,Q,R
	IC161	TDA7718N-X	IC		1	A,H,I,J,K,L,M,N,O,Q,R
△	IC301	TB2926CHQ	IC		1	A,H,I,J,K,L,M,N,O,Q,R
△	IC501	LA6565-X	IC		1	A,H,I,J,K,L,M,N,O,Q,R
	IC530	XC6213B332NG-X	IC		1	A,H,I,J,K,L,M,N,O,Q,R
	IC531	XC6213B152NG-X	IC		1	A,H,I,J,K,L,M,N,O,Q,R
	IC532	XC6213B152NG-X	IC		1	A,H,I,J,K,L,M,N,O,Q,R
△	IC540	JCV8022	IC		1	A,H,I,J,K,L,M,N,O,Q,R
	IC580	NJM4565E-X	IC		1	A,H,I,J,K,L,M,N,O,Q,R
△	IC701	JES199C	IC		1	A,H,I,J,K,L,M,N,O,Q,R
	IC702	XC6120N282NG-X	IC		1	A,H,I,J,K,L,M,N,O,Q,R
	IC771	R1EX24002ASAA-X	IC		1	A,H,I,J,K,L,M,N,O,Q,R
△	IC901	LV5680P	IC		1	A,H,I,J,K,L,M,N,O,Q,R
	IC931	XC6213B332NG-X	IC		1	A,H,I,J,K,L,M,N,O,Q,R
	IC981	MP2562DS-X	IC		1	A,H,I,J,K,L,M,N,O,Q,R
	Q321	IMX9-W	PAIR TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	Q540	2SA2188/F-X	TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	Q701	RT1P144C-X	DIGI TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	Q780	RT1P241C-X	TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	Q781	RT1N241C-X	DIGI TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	Q782	RT1P241C-X	TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	Q881	RT1N141C-X	DIGI TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	Q951	2SA812A/5-6/-X	TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	Q951	or ISA1530AC1/QR/X	TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	Q952	RT1N441C-X	TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	Q970	2SC1623A/5-6/-X	TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	Q970	or 2SC3928A/QR/-X	TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	Q971	2SC1623A/5-6/-X	TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	Q971	or 2SC3928A/QR/-X	TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	Q981	RT1N441C-X	TRANSISTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	D102	DZ2J068/M/-X	Z DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D112	DZ2J068/M/-X	Z DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D120	DZ2J062/M/-X	Z DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D121	DZ2J062/M/-X	Z DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D130	DZ2J062/M/-X	Z DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D131	DZ2J062/M/-X	Z DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D321	BAW56-TP-X	SI DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D321	or MC2836-X	DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D502	GS1J-LTP-X	DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D502	or 1SR154-400-X	SI DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D540	RKS801KF-X	SI DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D540	or DA2J101-X	SI DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D704	DZ2J062/M/-X	Z DIODE		1	A,Q
	D780	BAW56-TP-X	SI DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D780	or MC2836-X	DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D781	BAW56-TP-X	SI DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D781	or MC2836-X	DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D782	RKS801KF-X	SI DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D782	or DA2J101-X	SI DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D783	BAW56-TP-X	SI DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D783	or MC2836-X	DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D851	MBRX130-TP-X	SB DIODE		1	H,I,J,K,L,M,N,O,R
	D852	MBRX130-TP-X	SB DIODE		1	H,I,J,K,L,M,N,O,R
	D891	BAW56-TP-X	SI DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D891	or MC2836-X	DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
△	D901	1N5401-BPC04	SI DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D902	MBRX130-TP-X	SB DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D941	MBRX130-TP-X	SB DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D942	MBRX130-TP-X	SB DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D970	DZ2J068/M/-X	Z DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D971	DZ2J068/M/-X	Z DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D981	DB22306-X	SB DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D982	RKS801KF-X	SI DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D982	or DA2J101-X	SI DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	C1	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C2	NDC31HJ-7R0X	C CAPACITOR	7pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C3	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C4	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C5	NDC31HJ-150X	C CAPACITOR	15pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C6	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C7	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	C10	NCB21CK-105X	C CAPACITOR	1uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C11	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C12	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C13	NCB21CK-105X	C CAPACITOR	1uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C14	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C15	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C16	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C17	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C18	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C19	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C20	NDC31HJ-120X	C CAPACITOR	12pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C21	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C22	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C23	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C24	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	1	A,H,I,J,K,L,M,N,O,Q,R
△	C25	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C26	NDC31HJ-471X	C CAPACITOR	470pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C27	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C28	NDC31HJ-100X	C CAPACITOR	10pF 50V J	1	A,Q
	C101	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C102	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C111	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C112	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C121	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C122	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C131	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C132	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C160	QTE1C57-106Z	E CAPACITOR	10uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C161	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C162	QTE1V67-475Z	E CAPACITOR	4.7uF 35V	1	A,H,I,J,K,L,M,N,O,Q,R
	C169	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C170	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C171	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C172	QTE1A57-107Z	E CAPACITOR	100uF 10V	1	A,H,I,J,K,L,M,N,O,Q,R
	C173	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C174	QTE1V67-475Z	E CAPACITOR	4.7uF 35V	1	A,H,I,J,K,L,M,N,O,Q,R
	C177	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C301	QTE1C66-474Z	E CAPACITOR	0.47uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C302	QTE1C66-474Z	E CAPACITOR	0.47uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C303	QTE1C66-474Z	E CAPACITOR	0.47uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C304	QTE1C66-474Z	E CAPACITOR	0.47uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C305	NCB21CK-474X-A	C CAPACITOR	0.47uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C306	NCB21CK-474X-A	C CAPACITOR	0.47uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C307	NCB21CK-474X-A	C CAPACITOR	0.47uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C308	NCB21CK-474X-A	C CAPACITOR	0.47uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C309	QTE1C57-226Z	E CAPACITOR	22uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C310	QERF1CM-106Z-E	E CAPACITOR	10uF 16V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C311	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C312	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C313	NCB21AK-105X-A	C CAPACITOR	1uF 10V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C314	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C315	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C320	QEKJ1HM-106Z	E CAPACITOR	10uF 50V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C321	NDC31HJ-101X	C CAPACITOR	100pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C340	QEKJ1HM-106Z	E CAPACITOR	10uF 50V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C341	NDC31HJ-101X	C CAPACITOR	100pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C503	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C504	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C511	NDC31HJ-471X	C CAPACITOR	470pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C512	NDC31HJ-471X	C CAPACITOR	470pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C513	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C514	QERF1AM-107Z	E CAPACITOR	100uF 10V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C516	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C530	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C531	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C532	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C533	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C534	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C535	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C540	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C541	NCB31HK-222X	C CAPACITOR	2200pF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C542	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C543	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C544	NCB31HK-332X	C CAPACITOR	3300pF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C545	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C546	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C547	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C548	NDC31HJ-680X	C CAPACITOR	68pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C549	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C550	NCB20JK-106X-R	C CAPACITOR	10uF 6.3V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C551	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C552	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C553	NCB31HK-472X	C CAPACITOR	4700pF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C554	NDC31HJ-391X	C CAPACITOR	390pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C555	NDC31HJ-681X	C CAPACITOR	680pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	C556	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C557	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C558	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C559	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C561	NCB20JK-106X	C CAPACITOR	10uF 6.3V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C562	NCB20JK-106X	C CAPACITOR	10uF 6.3V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C564	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C565	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C566	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C567	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C568	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C569	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C570	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C571	NDC31HJ-470X	C CAPACITOR	47pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C572	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C573	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C574	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C576	NCB31HK-152X	C CAPACITOR	1500pF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C584	QERF1EM-475Z-E	E CAPACITOR	4.7uF 25V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C585	NDC31HJ-680X	C CAPACITOR	68pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C586	QERF1EM-475Z-E	E CAPACITOR	4.7uF 25V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C587	NDC31HJ-680X	C CAPACITOR	68pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C588	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C590	QTE0J57-476Z	E CAPACITOR	47uF 6.3V	1	A,H,I,J,K,L,M,N,O,Q,R
	C591	QTE0J57-476Z	E CAPACITOR	47uF 6.3V	1	A,H,I,J,K,L,M,N,O,Q,R
	C594	NDC31HJ-680X	C CAPACITOR	68pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C595	NDC31HJ-680X	C CAPACITOR	68pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C701	NDC31HJ-100X	C CAPACITOR	10pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C702	NDC31HJ-100X	C CAPACITOR	10pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C703	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C704	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C705	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C706	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C708	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C711	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C712	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C713	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C714	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C715	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C716	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C717	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C718	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C722	NCB10JK-106X-A	C CAPACITOR	10uF 6.3V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C723	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C724	NDC31HJ-180X	C CAPACITOR	18pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C725	NDC31HJ-180X	C CAPACITOR	18pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C728	NCB11HK-103X	C CAPACITOR	0.01uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C729	NCB31HK-472X	C CAPACITOR	4700pF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C730	NCB31HK-472X	C CAPACITOR	4700pF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C731	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C733	NCB10JK-106X-A	C CAPACITOR	10uF 6.3V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C881	QEKJ1CM-226Z	E CAPACITOR	22uF 16V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C891	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C901	QEZ0937-278	E CAPACITOR	2700uF	1	A,H,I,J,K,L,M,N,O,Q,R
	C902	NCB31EK-474X	C CAPACITOR	0.47uF 25V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C903	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C904	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C905	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C906	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C907	QERF0JM-337Z	E CAPACITOR	330uF 6.3V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C908	NCJ11EK-106X-A	C CAPACITOR	10uF 25V K	1	H,I,J,K,L,M,N,O,R
	C910	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C912	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C913	QERF0JM-337Z	E CAPACITOR	330uF 6.3V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C914	NCB31HK-472X	C CAPACITOR	4700pF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C931	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C932	QERF0JM-337Z	E CAPACITOR	330uF 6.3V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C933	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C941	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C954	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C962	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	1	A,H,I,J,K,L,M,N,O,Q,R
	C981	NCB10JK-106X-A	C CAPACITOR	10uF 6.3V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C983	NDC31HJ-151X	C CAPACITOR	150pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C984	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C985	NCJ11EK-106X-A	C CAPACITOR	10uF 25V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C987	NCB10JK-106X-A	C CAPACITOR	10uF 6.3V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C989	NCJ11EK-106X-A	C CAPACITOR	10uF 25V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C990	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	R1	NRSA63J-684X	MG RESISTOR	680kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R2	NRSA63J-684X	MG RESISTOR	680kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R4	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R5	NRSA02J-470X	MG RESISTOR	47Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R6	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R7	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	R8	NRSA02J-470X	MG RESISTOR	47Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	H,I,J,K,L,M,N,O,R
	R11	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R100	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R110	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R111	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R112	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R120	NQR0007-002X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	R121	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R122	NQR0007-002X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	R130	NQR0007-002X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	R131	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R132	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
△	R161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R162	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R163	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R165	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R167	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R168	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R302	NRS181J-473X	MG RESISTOR	47kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R304	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R307	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R310	NRS181J-100X	MG RESISTOR	10Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R320	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R321	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R322	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R323	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R340	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R341	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R342	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R357	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R358	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R373	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R400	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R401	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R402	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R403	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R404	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R405	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R406	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R408	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R409	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R410	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R411	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R412	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R413	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R414	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R415	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R416	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R417	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R418	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R419	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R420	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R421	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R422	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R423	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R424	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R425	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R427	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R428	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R429	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R430	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R431	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R432	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R433	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R434	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R435	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R436	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R437	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R438	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R439	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R440	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R441	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R442	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R443	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R444	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R445	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R446	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R447	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R448	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R449	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R450	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	R451	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R452	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R453	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R454	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R455	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R456	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R457	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R459	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R461	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R462	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R463	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R464	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R465	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R466	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R467	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R468	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R469	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R470	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R471	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R472	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R473	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R474	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R475	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R477	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R478	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R479	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R480	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R481	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R482	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R483	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R484	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R485	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R486	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R487	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R488	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R491	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R493	NRS181J-150X	MG RESISTOR	15Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R494	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R495	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R501	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R502	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R503	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R504	NRS181J-513X	MG RESISTOR	51kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R505	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R506	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R507	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R508	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R509	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R510	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R514	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R515	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R516	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R517	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R518	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R519	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R520	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R530	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R540	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R543	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R545	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R547	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R548	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R549	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R550	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R551	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R552	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R553	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R554	NRSA02J-4R7X	MG RESISTOR	4.7Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R555	NRSA02J-4R7X	MG RESISTOR	4.7Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R556	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R557	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R558	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R560	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R561	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R562	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R563	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R564	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R565	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R566	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	R567	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R568	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R569	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R570	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R571	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R572	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R573	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R574	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R575	NRS181J-332X	MG RESISTOR	3.3kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R576	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R577	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R579	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R580	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R581	NRSA02J-473X	MG RESISTOR	47kΩ 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R582	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R583	NRS181J-103X	MG RESISTOR	10kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R584	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R585	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R586	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R587	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R588	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R589	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R590	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R591	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R592	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R593	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R594	NRS181J-100X	MG RESISTOR	10Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R597	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R598	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R599	NRSA02J-473X	MG RESISTOR	47kΩ 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R701	NRS181J-472X	MG RESISTOR	4.7kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R702	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R703	NRSA63J-911X	MG RESISTOR	910Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R706	NRSA63J-911X	MG RESISTOR	910Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R708	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R712	NRSA63J-911X	MG RESISTOR	910Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R713	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R715	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R718	NRS181J-473X	MG RESISTOR	47kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R720	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R721	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R722	NRS181J-473X	MG RESISTOR	47kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R723	NRS181J-473X	MG RESISTOR	47kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R724	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R725	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R726	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R727	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R728	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R730	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R731	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R732	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R735	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R736	NRS181J-473X	MG RESISTOR	47kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R738	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R739	NRS181J-103X	MG RESISTOR	10kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R740	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R741	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R742	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R743	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R744	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R745	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R746	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R747	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R749	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R750	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R751	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R753	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R754	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R756	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R757	NRSA02J-332X	MG RESISTOR	3.3kΩ 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R758	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R762	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R763	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R764	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	1	H,I,J,K,L,M,N,O,R
	R766	NRS181J-473X	MG RESISTOR	47kΩ 1/8W J	1	A,Q
	R766	NRS181J-822X	MG RESISTOR	8.2kΩ 1/8W J	1	H,I,J,K,L,M,N,O,R
	R767	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R768	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R770	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R771	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R772	NRS181J-472X	MG RESISTOR	4.7kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R773	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R774	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	1	A,H,I,J,K,L,M,N,O,Q,R
	R775	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R776	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	R777	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	A,Q
	R778	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R779	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R780	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R781	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R782	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R783	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R784	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R785	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	1	A,Q
	R785	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	1	H,I,J,K,L,M,N,O,R
	R786	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R789	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R790	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R851	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	H,I,J,K,L,M,N,O,R
	R881	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R882	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R891	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R892	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R893	NRS181J-123X	MG RESISTOR	12kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R894	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R901	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R906	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R907	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R908	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R909	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R922	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R941	NRS181J-472X	MG RESISTOR	4.7kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R951	NRS181J-102X	MG RESISTOR	1kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R952	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R961	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R962	NRS181J-271X	MG RESISTOR	270Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R965	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R970	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R971	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R972	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R973	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R974	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R975	NRSA02J-473X	MG RESISTOR	47kΩ 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R976	NRSA02J-683X	MG RESISTOR	68kΩ 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R981	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D	1	A,H,I,J,K,L,M,N,O,Q,R
	R982	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	1	A,H,I,J,K,L,M,N,O,Q,R
	R983	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R985	NRSA63D-134X	MG RESISTOR	130kΩ 1/16W D	1	A,H,I,J,K,L,M,N,O,Q,R
	R986	NRSA63D-753X	MG RESISTOR	75kΩ 1/16W D	1	A,H,I,J,K,L,M,N,O,Q,R
	L1	QQL231K-R47Y	COIL	0.47uH K	1	A,H,I,J,K,L,M,N,O,Q,R
	L2	QQL231K-1R8Y	COIL	1.8uH K	1	A,H,I,J,K,L,M,N,O,Q,R
	L3	QQL231K-R27Y	COIL	0.27uH K	1	A,H,I,J,K,L,M,N,O,Q,R
	L4	QQR1872-001	RF COIL		1	A,H,I,J,K,L,M,N,O,Q,R
	L5	QQL244J-561Z	COIL	560uH J	1	A,H,I,J,K,L,M,N,O,Q,R
	L6	QQL244J-561Z	COIL	560uH J	1	A,H,I,J,K,L,M,N,O,Q,R
	L7	QQL231K-4R7Y	INDUCTOR	4.7uH K	1	A,H,I,J,K,L,M,N,O,Q,R
	L8	QQL231K-4R7Y	INDUCTOR	4.7uH K	1	A,H,I,J,K,L,M,N,O,Q,R
	L9	QQL231K-R47Y	COIL	0.47uH K	1	A,H,I,J,K,L,M,N,O,Q,R
	L10	NQL103J-10NX	COIL	10nH J	1	A,Q
	L11	NQR0251-002X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	L12	NQR0251-002X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	L101	NQR0499-001X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	L161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	L531	NQR0502-001X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	L561	NQR0502-001X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	L562	NQR0502-001X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	L563	NQR0502-001X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	L564	NQR0502-001X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	L565	NQR0502-001X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	L701	QQL231K-4R7Y	INDUCTOR	4.7uH K	1	A,H,I,J,K,L,M,N,O,Q,R
	L702	QQL231K-4R7Y	INDUCTOR	4.7uH K	1	A,H,I,J,K,L,M,N,O,Q,R
	L703	NQR0502-001X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	L901	QQR1884-001	CHOKE COIL		1	A,H,I,J,K,L,M,N,O,Q,R
	L981	QQL92AK-220Z	COIL	22uH K	1	A,H,I,J,K,L,M,N,O,Q,R
	L982	NQLH25M-4R7X	COIL	4.7uH M	1	A,H,I,J,K,L,M,N,O,Q,R
	L983	NQR0499-001X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	L985	NQR0502-001X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	CN502	QGF1040F1-26	CONNECTOR	FFC/FPC (1-26)	1	A,H,I,J,K,L,M,N,O,Q,R
	CN701	QGZ1102J1-20	CONNECTOR	(1-20)	1	A,H,I,J,K,L,M,N,O,Q,R
	CN901	QNZ0607-001	CAR CONNECTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	J1	QNB0190-001	ANT TERMINAL		1	A,H,I,J,K,L,M,N,O,Q,R
	J1	QNB0348-001	ANT TERMINAL		1	A,H,I,J,K,L,M,N,O,Q,R
	J120	QNS0307-001	3.5 JACK		1	A,H,I,J,K,L,M,N,O,Q,R
	J321	QNN0864-001	PIN JACK		1	A,H,I,J,K,L,M,N,O,Q,R
	S701	QSW0648-001Z	TACT SWITCH		1	A,H,I,J,K,L,M,N,O,Q,R
	X1	QAX0952-001Z	CRYSTAL		1	A,H,I,J,K,L,M,N,O,Q,R
	X540	QAX0929-001Z	C RESONATOR		1	A,H,I,J,K,L,M,N,O,Q,R
	X701	QAX0957-001Z	CRYSTAL		1	A,H,I,J,K,L,M,N,O,Q,R
	X702	QAX0401-001	CRYSTAL	32.768KHz	1	A,H,I,J,K,L,M,N,O,Q,R

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
Main board E,EU,EY,EE<02>						
△	IC1	TEF6614TV1S4-X	IC		1	B,C,D,E,F,G,P,S,T,U,V
	IC161	TDA7718N-X	IC		1	B,C,D,E,F,G,P,S,T,U,V
△	IC301	TB2926CHQ	IC		1	B,C,D,E,F,G,P,S,T,U,V
△	IC501	LA6565-X	IC		1	B,C,D,E,F,G,P,S,T,U,V
	IC530	XC6213B332NG-X	IC		1	B,C,D,E,F,G,P,S,T,U,V
	IC531	XC6213B152NG-X	IC		1	B,C,D,E,F,G,P,S,T,U,V
	IC532	XC6213B152NG-X	IC		1	B,C,D,E,F,G,P,S,T,U,V
△	IC540	JCV8022	IC		1	B,C,D,E,F,G,P,S,T,U,V
	IC580	NJM4565E-X	IC		1	B,C,D,E,F,G,P,S,T,U,V
△	IC701	JES199C	IC		1	B,C,D,E,F,G,P,S,T,U,V
	IC702	XC6120N282NG-X	IC		1	B,C,D,E,F,G,P,S,T,U,V
	IC771	R1EX24002ASAA-X	IC		1	B,C,D,E,F,G,P,S,T,U,V
△	IC901	LV5680P	IC		1	B,C,D,E,F,G,P,S,T,U,V
	IC931	XC6213B332NG-X	IC		1	B,C,D,E,F,G,P,S,T,U,V
	IC981	MP2562DS-X	IC		1	B,C,D,E,F,G,P,S,T,U,V
	Q321	IMX9-W	PAIR TRANSISTOR		1	B,C,D,E,F,G,P,V
	Q540	2SA2188/F-X	TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U,V
	Q701	RT1P144C-X	DIGI TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U,V
	Q780	RT1P241C-X	TRANSISTOR		1	B,C,D,E,F,G,P,V
	Q781	RT1N241C-X	DIGI TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U,V
	Q782	RT1P241C-X	TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U,V
	Q881	RT1N141C-X	DIGI TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U,V
	Q951	2SA812A/5-6/-X	TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U,V
	Q951	or ISA1530AC1/QR/X	TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U,V
	Q952	RT1N441C-X	TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U,V
	Q970	2SC1623A/5-6/-X	TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U,V
	Q970	or 2SC3928A/QR/-X	TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U,V
	Q971	2SC1623A/5-6/-X	TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U,V
	Q971	or 2SC3928A/QR/-X	TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U,V
	Q981	RT1N441C-X	TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U,V
	D102	DZ2J068/M/-X	Z DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D112	DZ2J068/M/-X	Z DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D120	DZ2J062/M/-X	Z DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D121	DZ2J062/M/-X	Z DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D130	DZ2J062/M/-X	Z DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D131	DZ2J062/M/-X	Z DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D321	BAW56-TP-X	SI DIODE		1	B,C,D,E,F,G,P,V
	D321	or MC2836-X	DIODE		1	B,C,D,E,F,G,P,V
	D502	GS1J-LTP-X	DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D502	or 1SR154-400-X	SI DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D540	RKS801KF-X	SI DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D540	or DA2J101-X	SI DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D704	DZ2J062/M/-X	Z DIODE		1	B,C,D,E,F,G
	D780	BAW56-TP-X	SI DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D780	or MC2836-X	DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D781	BAW56-TP-X	SI DIODE		1	B,C,D,E,F,G,P,V
	D781	or MC2836-X	DIODE		1	B,C,D,E,F,G,P,V
	D782	RKS801KF-X	SI DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D782	or DA2J101-X	SI DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D783	BAW56-TP-X	SI DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D783	or MC2836-X	DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D891	BAW56-TP-X	SI DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D891	or MC2836-X	DIODE		1	B,C,D,E,F,G,P,S,T,U,V
△	D901	1N5401-BPC04	SI DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D902	MBRX130-TP-X	SB DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D941	MBRX130-TP-X	SB DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D942	MBRX130-TP-X	SB DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D970	DZ2J068/M/-X	Z DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D971	DZ2J068/M/-X	Z DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D981	DB22306-X	SB DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D982	RKS801KF-X	SI DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	D982	or DA2J101-X	SI DIODE		1	B,C,D,E,F,G,P,S,T,U,V
	C1	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C2	NDC31HJ-7R0X	C CAPACITOR	7pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C3	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C4	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C5	NDC31HJ-150X	C CAPACITOR	15pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C6	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C7	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C10	NCB21CK-105X	C CAPACITOR	1uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C11	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C12	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C13	NCB21CK-105X	C CAPACITOR	1uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C14	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C15	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C16	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C17	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C18	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C19	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C20	NDC31HJ-120X	C CAPACITOR	12pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C21	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C22	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C23	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
△	C24	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	1	B,C,D,E,F,G,P,S,T,U,V
	C25	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	1	B,C,D,E,F,G,P,S,T,U,V
	C26	NDC31HJ-471X	C CAPACITOR	470pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C27	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C101	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C102	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C111	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C112	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C121	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C122	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C131	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C132	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C160	QTE1C57-106Z	E CAPACITOR	10uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C161	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	B,C,D,E,F,G,P,S,T,U,V
	C162	QTE1V67-475Z	E CAPACITOR	4.7uF 35V	1	B,C,D,E,F,G,P,S,T,U,V
	C169	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	B,C,D,E,F,G,P,S,T,U,V
	C170	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	B,C,D,E,F,G,P,S,T,U,V
	C171	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	B,C,D,E,F,G,P,S,T,U,V
	C172	QTE1A57-107Z	E CAPACITOR	100uF 10V	1	B,C,D,E,F,G,P,S,T,U,V
	C173	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	B,C,D,E,F,G,P,S,T,U,V
	C174	QTE1V67-475Z	E CAPACITOR	4.7uF 35V	1	B,C,D,E,F,G,P,S,T,U,V
	C177	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	B,C,D,E,F,G,P,S,T,U,V
	C301	QTE1C66-474Z	E CAPACITOR	0.47uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C302	QTE1C66-474Z	E CAPACITOR	0.47uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C303	QTE1C66-474Z	E CAPACITOR	0.47uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C304	QTE1C66-474Z	E CAPACITOR	0.47uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C305	NCB21CK-474X-A	C CAPACITOR	0.47uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C306	NCB21CK-474X-A	C CAPACITOR	0.47uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C307	NCB21CK-474X-A	C CAPACITOR	0.47uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C308	NCB21CK-474X-A	C CAPACITOR	0.47uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C309	QTE1C57-226Z	E CAPACITOR	22uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C310	QERF1CM-106Z-E	E CAPACITOR	10uF 16V M	1	B,C,D,E,F,G,P,S,T,U,V
	C311	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C312	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C313	NCB21AK-105X-A	C CAPACITOR	1uF 10V K	1	B,C,D,E,F,G,P,S,T,U,V
	C314	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	B,C,D,E,F,G,P,S,T,U,V
	C315	NCB31AK-105X	C CAPACITOR	1uF 10V K	1	B,C,D,E,F,G,P,S,T,U,V
	C320	QEKJ1HM-106Z	E CAPACITOR	10uF 50V M	1	B,C,D,E,F,G,P,V
	C321	NDC31HJ-101X	C CAPACITOR	100pF 50V J	1	B,C,D,E,F,G,P,V
	C340	QEKJ1HM-106Z	E CAPACITOR	10uF 50V M	1	B,C,D,E,F,G,P,V
	C341	NDC31HJ-101X	C CAPACITOR	100pF 50V J	1	B,C,D,E,F,G,P,V
	C503	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C504	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C511	NDC31HJ-471X	C CAPACITOR	470pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C512	NDC31HJ-471X	C CAPACITOR	470pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C513	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C514	QERF1AM-107Z	E CAPACITOR	100uF 10V M	1	B,C,D,E,F,G,P,S,T,U,V
	C516	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C530	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C531	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C532	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C533	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C534	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C535	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C540	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C541	NCB31HK-222X	C CAPACITOR	2200pF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C542	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C543	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C544	NCB31HK-332X	C CAPACITOR	3300pF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C545	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C546	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C547	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C548	NDC31HJ-680X	C CAPACITOR	68pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C549	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C550	NCB20JK-106X-R	C CAPACITOR	10uF 6.3V K	1	B,C,D,E,F,G,P,S,T,U,V
	C551	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C552	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C553	NCB31HK-472X	C CAPACITOR	4700pF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C554	NDC31HJ-391X	C CAPACITOR	390pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C555	NDC31HJ-681X	C CAPACITOR	680pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C556	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C557	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	1	B,C,D,E,F,G,P,S,T,U,V
	C558	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C559	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C561	NCB20JK-106X	C CAPACITOR	10uF 6.3V K	1	B,C,D,E,F,G,P,S,T,U,V
	C562	NCB20JK-106X	C CAPACITOR	10uF 6.3V K	1	B,C,D,E,F,G,P,S,T,U,V
	C564	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C565	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C566	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C567	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	B,C,D,E,F,G,P,S,T,U,V
	C568	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C569	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C570	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C571	NDC31HJ-470X	C CAPACITOR	47pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C572	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	C573	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C574	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C576	NCB31HK-152X	C CAPACITOR	1500pF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C584	QERF1EM-475Z-E	E CAPACITOR	4.7uF 25V M	1	B,C,D,E,F,G,P,S,T,U,V
	C585	NDC31HJ-680X	C CAPACITOR	68pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C586	QERF1EM-475Z-E	E CAPACITOR	4.7uF 25V M	1	B,C,D,E,F,G,P,S,T,U,V
	C587	NDC31HJ-680X	C CAPACITOR	68pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C588	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C590	QTE0J57-476Z	E CAPACITOR	47uF 6.3V	1	B,C,D,E,F,G,P,S,T,U,V
	C591	QTE0J57-476Z	E CAPACITOR	47uF 6.3V	1	B,C,D,E,F,G,P,S,T,U,V
	C594	NDC31HJ-680X	C CAPACITOR	68pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C595	NDC31HJ-680X	C CAPACITOR	68pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C701	NDC31HJ-100X	C CAPACITOR	10pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C702	NDC31HJ-100X	C CAPACITOR	10pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C703	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C704	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	1	B,C,D,E,F,G,P,S,T,U,V
	C705	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C706	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C708	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C711	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C712	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C713	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C714	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C715	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C716	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C717	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C718	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	1	B,C,D,E,F,G,P,S,T,U,V
	C722	NCB10JK-106X-A	C CAPACITOR	10uF 6.3V K	1	B,C,D,E,F,G,P,S,T,U,V
	C723	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	1	B,C,D,E,F,G,P,S,T,U,V
	C724	NDC31HJ-180X	C CAPACITOR	18pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C725	NDC31HJ-180X	C CAPACITOR	18pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C727	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	P,U,V
	C728	NCB11HK-103X	C CAPACITOR	0.01uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C729	NCB31HK-472X	C CAPACITOR	4700pF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C730	NCB31HK-472X	C CAPACITOR	4700pF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C731	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C733	NCB10JK-106X-A	C CAPACITOR	10uF 6.3V K	1	B,C,D,E,F,G,P,S,T,U,V
	C881	QEKJ1CM-226Z	E CAPACITOR	22uF 16V M	1	B,C,D,E,F,G,P,S,T,U,V
	C891	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C901	QEZ0937-278	E CAPACITOR	2700uF	1	B,C,D,E,F,G,P,S,T,U,V
	C902	NCB31EK-474X	C CAPACITOR	0.47uF 25V K	1	B,C,D,E,F,G,P,S,T,U,V
	C903	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	1	B,C,D,E,F,G,P,S,T,U,V
	C904	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	1	B,C,D,E,F,G,P,S,T,U,V
	C905	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C906	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	1	B,C,D,E,F,G,P,S,T,U,V
	C907	QERF0JM-337Z	E CAPACITOR	330uF 6.3V M	1	B,C,D,E,F,G,P,S,T,U,V
	C910	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	1	B,C,D,E,F,G,P,S,T,U,V
	C912	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C913	QERF0JM-337Z	E CAPACITOR	330uF 6.3V M	1	B,C,D,E,F,G,P,S,T,U,V
	C914	NCB31HK-472X	C CAPACITOR	4700pF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C931	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C932	QERF0JM-337Z	E CAPACITOR	330uF 6.3V M	1	B,C,D,E,F,G,P,S,T,U,V
	C933	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C941	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	C954	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C962	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	1	B,C,D,E,F,G,P,S,T,U,V
	C981	NCB10JK-106X-A	C CAPACITOR	10uF 6.3V K	1	B,C,D,E,F,G,P,S,T,U,V
	C983	NDC31HJ-151X	C CAPACITOR	150pF 50V J	1	B,C,D,E,F,G,P,S,T,U,V
	C984	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U,V
	C985	NCJ11EK-106X-A	C CAPACITOR	10uF 25V K	1	B,C,D,E,F,G,P,S,T,U,V
	C987	NCB10JK-106X-A	C CAPACITOR	10uF 6.3V K	1	B,C,D,E,F,G,P,S,T,U,V
	C989	NCJ11EK-106X-A	C CAPACITOR	10uF 25V K	1	B,C,D,E,F,G,P,S,T,U,V
	C990	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	1	B,C,D,E,F,G,P,S,T,U,V
	R1	NRSA63J-684X	MG RESISTOR	680kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R2	NRSA63J-684X	MG RESISTOR	680kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R4	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R5	NRSA02J-470X	MG RESISTOR	47Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R6	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R7	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R8	NRSA02J-470X	MG RESISTOR	47Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R11	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R100	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R110	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R111	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R112	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R120	NQR0007-002X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	R121	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R122	NQR0007-002X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	R130	NQR0007-002X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	R131	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R132	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V

△

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	R469	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R470	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R471	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R472	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R473	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R474	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R475	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R477	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R478	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R479	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R480	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R481	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R482	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R483	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R484	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R485	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R486	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R487	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R488	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R491	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R493	NRS181J-150X	MG RESISTOR	15Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R494	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R495	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R501	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R502	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R503	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R504	NRS181J-513X	MG RESISTOR	51kΩ 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R505	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R506	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R507	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R508	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R509	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R510	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R514	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R515	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R516	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R517	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R518	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R519	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R520	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R530	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R540	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R543	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R545	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R547	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R548	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R549	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R550	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R551	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R552	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R553	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R554	NRSA02J-4R7X	MG RESISTOR	4.7Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R555	NRSA02J-4R7X	MG RESISTOR	4.7Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R556	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R557	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R558	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R560	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R561	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R562	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R563	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R564	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R565	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R566	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R567	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R568	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R569	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R570	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R571	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R572	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R573	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R574	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R575	NRS181J-332X	MG RESISTOR	3.3kΩ 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R576	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R577	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R579	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R580	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R581	NRSA02J-473X	MG RESISTOR	47kΩ 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R582	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	R583	NRSA181J-103X	MG RESISTOR	10kΩ 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R584	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R585	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R586	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R587	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R588	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R589	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R590	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R591	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R592	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R593	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R594	NRS181J-100X	MG RESISTOR	10Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R597	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R598	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R599	NRSA02J-473X	MG RESISTOR	47kΩ 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R701	NRS181J-472X	MG RESISTOR	4.7kΩ 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R702	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R703	NRSA63J-911X	MG RESISTOR	910Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R706	NRSA63J-911X	MG RESISTOR	910Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R708	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R712	NRSA63J-911X	MG RESISTOR	910Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R713	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R715	NRS181J-101X	MG RESISTOR	100Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R718	NRS181J-473X	MG RESISTOR	47kΩ 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R720	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R721	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R722	NRS181J-473X	MG RESISTOR	47kΩ 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R723	NRS181J-473X	MG RESISTOR	47kΩ 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R724	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R725	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R726	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R727	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R728	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R730	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R731	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R732	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R735	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R736	NRS181J-473X	MG RESISTOR	47kΩ 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R737	NRSA63J-911X	MG RESISTOR	910Ω 1/16W J	1	V
	R738	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R739	NRS181J-103X	MG RESISTOR	10kΩ 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R740	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R741	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R742	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R743	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R744	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R745	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R746	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R747	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R749	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R750	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R751	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R753	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R754	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R756	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R757	NRSA02J-332X	MG RESISTOR	3.3kΩ 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R758	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R759	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	V
	R762	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R763	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R764	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	1	B,C,D,E,F,G,S,T
	R764	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	1	P,U,V
	R765	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	1	S,T,U
	R765	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	1	V
	R766	NRS181J-153X	MG RESISTOR	15kΩ 1/8W J	1	B,C,D,E,F,G,S,T
	R766	NRS181J-223X	MG RESISTOR	22kΩ 1/8W J	1	P,U,V
	R767	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P
	R767	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	S,T,U
	R767	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	1	V
	R768	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R770	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R771	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R772	NRS181J-472X	MG RESISTOR	4.7kΩ 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R773	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R774	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	1	B,C,D,E,F,G,P,S,T,U,V
	R775	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R776	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R777	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	B,C,D,E,F,G
	R778	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R779	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R780	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R781	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R782	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R783	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R784	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	R785	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	1	B,C,D,E,F,G
	R785	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	1	P,S,T,U,V
	R786	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R789	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R790	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R881	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R882	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R891	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R892	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R893	NRS181J-123X	MG RESISTOR	12kΩ 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R894	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R901	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	1	B,C,D,E,F,G,P,S,T,U,V
	R906	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R907	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R908	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R909	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R922	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R941	NRS181J-472X	MG RESISTOR	4.7kΩ 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R951	NRS181J-102X	MG RESISTOR	1kΩ 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R952	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R961	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R962	NRS181J-271X	MG RESISTOR	270Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U,V
	R965	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R970	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R971	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R972	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R973	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R974	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
	R975	NRSA02J-473X	MG RESISTOR	47kΩ 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R976	NRSA02J-683X	MG RESISTOR	68kΩ 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	R981	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D	1	B,C,D,E,F,G,P,S,T,U,V
	R982	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	1	B,C,D,E,F,G,P,S,T,U,V
	R983	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U,V
△	R985	NRSA63D-134X	MG RESISTOR	130kΩ 1/16W D	1	B,C,D,E,F,G,P,S,T,U,V
	R986	NRSA63D-753X	MG RESISTOR	75kΩ 1/16W D	1	B,C,D,E,F,G,P,S,T,U,V
	L1	QQL231K-R47Y	COIL	0.47uH K	1	B,C,D,E,F,G,P,S,T,U,V
	L2	QQL231K-1R8Y	COIL	1.8uH K	1	B,C,D,E,F,G,P,S,T,U,V
	L3	QQL231K-R27Y	COIL	0.27uH K	1	B,C,D,E,F,G,P,S,T,U,V
	L4	QQR1872-001	RF COIL		1	B,C,D,E,F,G,P,S,T,U,V
	L5	QQL244J-561Z	COIL	560uH J	1	B,C,D,E,F,G,P,S,T,U,V
	L6	QQL244J-561Z	COIL	560uH J	1	B,C,D,E,F,G,P,S,T,U,V
	L7	QQL231K-4R7Y	INDUCTOR	4.7uH K	1	B,C,D,E,F,G,P,S,T,U,V
	L8	QQL231K-4R7Y	INDUCTOR	4.7uH K	1	B,C,D,E,F,G,P,S,T,U,V
	L9	QQL231K-R47Y	COIL	0.47uH K	1	B,C,D,E,F,G,P,S,T,U,V
	L11	NQR0251-002X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	L12	NQR0251-002X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	L101	NQR0499-001X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	L161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U,V
	L531	NQR0502-001X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	L561	NQR0502-001X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	L562	NQR0502-001X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	L563	NQR0502-001X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	L564	NQR0502-001X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	L565	NQR0502-001X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	L701	QQL231K-4R7Y	INDUCTOR	4.7uH K	1	B,C,D,E,F,G,P,S,T,U,V
	L702	QQL231K-4R7Y	INDUCTOR	4.7uH K	1	B,C,D,E,F,G,P,S,T,U,V
	L703	NQR0502-001X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	L901	QQR1884-001	CHOKE COIL		1	B,C,D,E,F,G,P,S,T,U,V
	L981	QQL92AK-220Z	COIL	22uH K	1	B,C,D,E,F,G,P,S,T,U,V
	L982	NQLH25M-4R7X	COIL	4.7uH M	1	B,C,D,E,F,G,P,S,T,U,V
	L983	NQR0499-001X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	L985	NQR0502-001X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U,V
	CN502	QGF1040F1-26	CONNECTOR	FFC/FPC (1-26)	1	B,C,D,E,F,G,P,S,T,U,V
	CN701	QGZ1102J1-20	CONNECTOR	(1-20)	1	B,C,D,E,F,G,P,S,T,U,V
	CN901	QNZ0607-001	CAR CONNECTOR		1	B,C,D,E,F,G,P,S,T,U,V
	J1	QNB0190-001	ANT TERMINAL		1	B,C,D,E,F,G,P,S,T,U,V
	J1 or	QNB0348-001	ANT TERMINAL		1	B,C,D,E,F,G,P,S,T,U,V
	J120	QNS0307-001	3.5 JACK		1	B,C,D,E,F,G,P,S,T,U,V
	J321	QNN0864-001	PIN JACK		1	B,C,D,E,F,G,P,S,T,U,V
	S701	QSW0648-001Z	TACT SWITCH		1	B,C,D,E,F,G,P,S,T,U,V
	X1	QAX0952-001Z	CRYSTAL		1	B,C,D,E,F,G,P,S,T,U,V
	X540	QAX0929-001Z	C RESONATOR		1	B,C,D,E,F,G,P,S,T,U,V
	X701	QAX0957-001Z	CRYSTAL		1	B,C,D,E,F,G,P,S,T,U,V
	X702	QAX0401-001	CRYSTAL	32.768KHz	1	B,C,D,E,F,G,P,S,T,U,V

Switch board J,UI,U,UH,UN,UT,UF<03>

IC661	PT6579LQ	IC			1	A,H,I,J,K,L,M,N,O,Q,R
IC681	KSM-2003TN5B	IR DETECT UNIT			1	A,H,I,J,K,L,M,N,O,Q,R
Q631	2SC4154/EF/-X	TRANSISTOR			1	A,H,I,J,K,L,M,N,O,Q,R
Q632	2SC4154/EF/-X	TRANSISTOR			1	A,H,I,J,K,L,M,N,O,Q,R
Q634	2SC4154/EF/-X	TRANSISTOR			1	A,H,I,J,K,L,M,N,O,Q,R
D631	SML-D12V8W-X	LED			1	A,H,I,J,K,L,M,N,O,Q,R
D632	SML-D12V8W-X	LED			1	A,H,I,J,K,L,M,N,O,Q,R
D633	SML-D12V8W-X	LED			1	A,H,I,J,K,L,M,N,O,Q,R
D635	SML-D12V8W-X	LED			1	A,H,I,J,K,L,M,N,O,Q,R

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	D636	SML-D12V8W-X	LED		1	A,H,I,J,K,L,M,N,O,Q,R
	D637	SML-D12V8W-X	LED		1	A,H,I,J,K,L,M,N,O,Q,R
	D638	SML-D12V8W-X	LED		1	A,H,I,J,K,L,M,N,O,Q,R
	D639	SML-D12V8W-X	LED		1	A,H,I,J,K,L,M,N,O,Q,R
	D640	SML-D12V8W-X	LED		1	A,H,I,J,K,L,M,N,O,Q,R
	D641	SML-D12V8W-X	LED		1	A,H,I,J,K,L,M,N,O,Q,R
	D642	SML-D12V8W-X	LED		1	A,H,I,J,K,L,M,N,O,Q,R
	D643	SML-D12V8W-X	LED		1	A,H,I,J,K,L,M,N,O,Q,R
	D644	SML-D12V8W-X	LED		1	A,H,I,J,K,L,M,N,O,Q,R
	D645	SML-D12V8W-X	LED		1	A,H,I,J,K,L,M,N,O,Q,R
	D651	LWA6SG/JML/-X	LED		1	A,H,I,J,K,L,M,N,O,Q,R
	D653	SML-D12V8W-X	LED		1	A,H,I,J,K,L,M,N,O,Q,R
	D654	SML-D12V8W-X	LED		1	A,H,I,J,K,L,M,N,O,Q,R
	D660	DZ2J051/M/-X	Z DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D691	DZ2J051/M/-X	Z DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	D692	DZ2J051/M/-X	Z DIODE		1	A,H,I,J,K,L,M,N,O,Q,R
	C661	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C662	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C663	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C664	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	A,H,I,J,K,L,M,N,O,Q,R
	C665	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C671	NCB31HK-472X	C CAPACITOR	4700pF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C672	NCB31HK-472X	C CAPACITOR	4700pF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C679	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C680	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	A,H,I,J,K,L,M,N,O,Q,R
	C682	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	1	A,H,I,J,K,L,M,N,O,Q,R
	C691	NCJ11EK-106X-R	C CAPACITOR	10uF 25V	1	A,H,I,J,K,L,M,N,O,Q,R
	R601	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R602	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R603	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R604	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R605	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R607	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R608	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R609	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R610	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R611	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R612	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R617	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R618	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R630	NRS181J-221X	MG RESISTOR	220Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R636	NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R638	NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R642	NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R645	NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R646	NRS181J-621X	MG RESISTOR	620Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R647	NRS181J-621X	MG RESISTOR	620Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R649	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R650	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R652	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R654	NRS181J-821X	MG RESISTOR	820Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R655	NRS181J-821X	MG RESISTOR	820Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R656	NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R658	NRS181J-152X	MG RESISTOR	1.5kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R659	NRS181J-152X	MG RESISTOR	1.5kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R660	NRS181J-331X	MG RESISTOR	330Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R662	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R663	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R665	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R666	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R667	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R668	NRS181J-821X	MG RESISTOR	820Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R669	NRS181J-152X	MG RESISTOR	1.5kΩ 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R676	NRS181J-2R2X	MG RESISTOR	2.2Ω 1/8W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R678	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R682	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	A,H,I,J,K,L,M,N,O,Q,R
	R691	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	A,H,I,J,K,L,M,N,O,Q,R
	L670	NQR0007-002X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	L673	NQR0007-002X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	L674	NQR0007-002X	FERRITE BEADS		1	A,H,I,J,K,L,M,N,O,Q,R
	CN601	QGZ1102K2-20X	CONNECTOR	(1-20)	1	A,H,I,J,K,L,M,N,O,Q,R
	CN603	QNZ1057-001	USB CONNECTOR		1	A,H,I,J,K,L,M,N,O,Q,R
	J601	QNS0299-001	3.5 JACK		1	A,H,I,J,K,L,M,N,O,Q,R
	JS601	QSW1231-002	ROTARY ENCODER		1	A,H,I,J,K,L,M,N,O,Q,R
	LF691	NQR0682-001X	CHOKO COIL		1	A,H,I,J,K,L,M,N,O,Q,R
	S601	NSW0326-001X	TACT SWITCH		1	A,H,I,J,K,L,M,N,O,Q,R
	S602	NSW0326-001X	TACT SWITCH		1	A,H,I,J,K,L,M,N,O,Q,R
	S603	NSW0326-001X	TACT SWITCH		1	A,H,I,J,K,L,M,N,O,Q,R
	S604	NSW0326-001X	TACT SWITCH		1	A,H,I,J,K,L,M,N,O,Q,R
	S605	NSW0326-001X	TACT SWITCH		1	A,H,I,J,K,L,M,N,O,Q,R
	S606	NSW0326-001X	TACT SWITCH		1	A,H,I,J,K,L,M,N,O,Q,R
	S607	NSW0326-001X	TACT SWITCH		1	A,H,I,J,K,L,M,N,O,Q,R
	S608	NSW0326-001X	TACT SWITCH		1	A,H,I,J,K,L,M,N,O,Q,R

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	S609	NSW0326-001X	TACT SWITCH		1	A,H,I,J,K,L,M,N,O,Q,R
	S610	NSW0326-001X	TACT SWITCH		1	A,H,I,J,K,L,M,N,O,Q,R
	S611	NSW0326-001X	TACT SWITCH		1	A,H,I,J,K,L,M,N,O,Q,R
Switch board E,EU,EY,EE (Expect R527EE)<04>						
	IC661	PT6579LQ	IC		1	B,C,D,E,F,G,P,S,T,U
	IC681	KSM-2003TN5B	IR DETECT UNIT		1	B,C,D,E,F,G
	Q631	2SC4154/EF/-X	TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U
	Q632	2SC4154/EF/-X	TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U
	Q634	2SC4154/EF/-X	TRANSISTOR		1	B,C,D,E,F,G,P,S,T,U
	D627	SML-D12P8W-X	LED		1	E,F,G,U
	D628	SML-D12P8W-X	LED		1	E,F,G,U
	D629	SML-D12P8W-X	LED		1	E,F,G,U
	D630	SML-D12P8W-X	LED		1	E,F,G,U
	D631	SML-D12V8W-X	LED		1	B,C,D,E,F,G,P,S,T,U
	D632	SML-D12V8W-X	LED		1	B,C,D,E,F,G,P,S,T,U
	D633	SML-D12V8W-X	LED		1	B,C,D,E,F,G,P,S,T,U
	D635	SML-D12V8W-X	LED		1	B,C,D,P,S,T
	D636	SML-D12V8W-X	LED		1	B,C,D,P,S,T
	D636	SML-D12P8W-X	LED		1	E,F,G,U
	D637	SML-D12V8W-X	LED		1	B,C,D,P,S,T
	D638	SML-D12V8W-X	LED		1	B,C,D,P,S,T
	D639	SML-D12V8W-X	LED		1	B,C,D,P,S,T
	D639	SML-D12P8W-X	LED		1	E,F,G,U
	D640	SML-D12V8W-X	LED		1	B,C,D,P,S,T
	D641	SML-D12V8W-X	LED		1	B,C,D,P,S,T
	D642	SML-D12V8W-X	LED		1	B,C,D,P,S,T
	D642	SML-D12P8W-X	LED		1	E,F,G,U
	D643	SML-D12V8W-X	LED		1	B,C,D,P,S,T
	D643	SML-D12P8W-X	LED		1	E,F,G,U
	D644	SML-D12V8W-X	LED		1	B,C,D,P,S,T
	D644	SML-D12P8W-X	LED		1	E,F,G,U
	D645	SML-D12V8W-X	LED		1	B,C,D,P,S,T
	D645	SML-D12P8W-X	LED		1	E,F,G,U
	D646	SML-D12P8W-X	LED		1	E,F,G,U
	D647	SML-D12P8W-X	LED		1	E,F,G,U
	D648	SML-D12P8W-X	LED		1	E,F,G,U
	D649	SML-D12P8W-X	LED		1	E,F,G,U
	D650	SML-D12P8W-X	LED		1	E,F,G,U
	D651	LWA6SG/JML/-X	LED		1	B,C,D,E,F,G,P,S,T,U
	D652	SML-D12P8W-X	LED		1	E,F,G,U
	D653	SML-D12V8W-X	LED		1	B,C,D,P,S,T
	D653	SML-D12P8W-X	LED		1	E,F,G,U
	D654	SML-D12V8W-X	LED		1	B,C,D,P,S,T
	D654	SML-D12P8W-X	LED		1	E,F,G,U
	D660	DZ2J051/M/-X	Z DIODE		1	B,C,D,E,F,G,P,S,T,U
	D691	DZ2J051/M/-X	Z DIODE		1	B,C,D,E,F,G,P,S,T,U
	D692	DZ2J051/M/-X	Z DIODE		1	B,C,D,E,F,G,P,S,T,U
	C661	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	B,C,D,E,F,G,P,S,T,U
	C662	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U
	C663	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U
	C664	NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	B,C,D,E,F,G,P,S,T,U
	C665	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	B,C,D,E,F,G,P,S,T,U
	C671	NCB31HK-472X	C CAPACITOR	4700pF 50V K	1	B,C,D,E,F,G,P,S,T,U
	C672	NCB31HK-472X	C CAPACITOR	4700pF 50V K	1	B,C,D,E,F,G,P,S,T,U
	C679	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	B,C,D,E,F,G,P,S,T,U
	C680	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	B,C,D,E,F,G,P,S,T,U
	C682	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	1	B,C,D,E,F,G
	C691	NCJ11EK-106X-R	C CAPACITOR	10uF 25V	1	B,C,D,E,F,G,P,S,T,U
	R601	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R602	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R603	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R604	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R605	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R607	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R608	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R609	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R610	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R611	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R612	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U
	R617	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R618	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R630	NRS181J-221X	MG RESISTOR	220Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U
	R636	NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	B,C,D,P,S,T
	R636	NRS181J-221X	MG RESISTOR	220Ω 1/8W J	1	E,F,G,U
	R638	NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	B,C,D,P,S,T
	R638	NRS181J-221X	MG RESISTOR	220Ω 1/8W J	1	E,F,G,U
	R642	NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U
	R645	NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U
	R646	NRS181J-621X	MG RESISTOR	620Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U
	R647	NRS181J-621X	MG RESISTOR	620Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U
	R649	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R650	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R652	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
	R654	NRS181J-821X	MG RESISTOR	820Ω 1/8W J	1	B,C,D,P,S,T

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
R654		NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	E,F,G,U
R655		NRS181J-821X	MG RESISTOR	820Ω 1/8W J	1	B,C,D,P,S,T
R655		NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	E,F,G,U
R656		NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U
R658		NRS181J-152X	MG RESISTOR	1.5kΩ 1/8W J	1	B,C,D,P,S,T
R659		NRS181J-152X	MG RESISTOR	1.5kΩ 1/8W J	1	B,C,D,P,S,T
R660		NRS181J-331X	MG RESISTOR	330Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U
R662		NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
R663		NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
R664		NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
R665		NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U
R666		NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U
R667		NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	B,C,D,E,F,G,P,S,T,U
R668		NRS181J-821X	MG RESISTOR	820Ω 1/8W J	1	B,C,D,P,S,T
R668		NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	E,F,G,U
R669		NRS181J-152X	MG RESISTOR	1.5kΩ 1/8W J	1	B,C,D,P,S,T
R676		NRS181J-2R2X	MG RESISTOR	2.2Ω 1/8W J	1	B,C,D,E,F,G,P,S,T,U
R678		NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G,P,S,T,U
R681		NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G
R682		NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	B,C,D,E,F,G
R691		NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	B,C,D,E,F,G,P,S,T,U
L670		NQR0007-002X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U
L673		NQR0007-002X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U
L674		NQR0007-002X	FERRITE BEADS		1	B,C,D,E,F,G,P,S,T,U
CN601		QGZ1102K2-20X	CONNECTOR	(1-20)	1	B,C,D,E,F,G,P,S,T,U
CN603		QNZ1057-001	USB CONNECTOR		1	B,C,D,E,F,G,P,S,T,U
J601		QNS0299-001	3.5 JACK		1	B,C,D,E,F,G,P,S,T,U
JS601		QSW1231-002	ROTARY ENCODER		1	B,C,D,E,F,G,P,S,T,U
LF691		NQR0682-001X	CHOKE COIL		1	B,C,D,E,F,G,P,S,T,U
S601		NSW0326-001X	TACT SWITCH		1	B,C,D,E,F,G,P,S,T,U
S602		NSW0326-001X	TACT SWITCH		1	B,C,D,E,F,G,P,S,T,U
S603		NSW0326-001X	TACT SWITCH		1	B,C,D,E,F,G,P,S,T,U
S604		NSW0326-001X	TACT SWITCH		1	B,C,D,E,F,G,P,S,T,U
S605		NSW0326-001X	TACT SWITCH		1	B,C,D,E,F,G,P,S,T,U
S606		NSW0326-001X	TACT SWITCH		1	B,C,D,E,F,G,P,S,T,U
S607		NSW0326-001X	TACT SWITCH		1	B,C,D,E,F,G,P,S,T,U
S608		NSW0326-001X	TACT SWITCH		1	B,C,D,E,F,G,P,S,T,U
S609		NSW0326-001X	TACT SWITCH		1	B,C,D,E,F,G,P,S,T,U
S610		NSW0326-001X	TACT SWITCH		1	B,C,D,E,F,G,P,S,T,U
S611		NSW0326-001X	TACT SWITCH		1	B,C,D,E,F,G,P,S,T,U
Switch board R527EE<05>						
IC601		PCA9624PW-X	IC		1	V
IC661		PTC6526LQ-L	IC		1	V
Q627		2SC4154/EF-X	TRANSISTOR		1	V
D623		NSSM065T-X	LED		1	V
D624		NSSM065T-X	LED		1	V
D625		NSSM065T-X	LED		1	V
D627		DZ2J056/M/-X	Z DIODE		1	V
D630		SML-D12V8W-X	LED		1	V
D631		SML-D12V8W-X	LED		1	V
D632		SML-D12V8W-X	LED		1	V
D661		RKS801KF-X	SI DIODE		1	V
D661	or	DA2J101-X	SI DIODE		1	V
D691		DZ2J051/M/-X	Z DIODE		1	V
D692		DZ2J051/M/-X	Z DIODE		1	V
C620		NCB31CK-105X	C CAPACITOR	1uF 16V K	1	V
C624		NCB31CK-104X	C CAPACITOR	0.1uF 16V	1	V
C628		NCB31CK-105X	C CAPACITOR	1uF 16V K	1	V
C661		NCB31CK-105X	C CAPACITOR	1uF 16V K	1	V
C662		NDC31HJ-151X	C CAPACITOR	150pF 50V J	1	V
C663		NCB31HK-104X	C CAPACITOR	0.1uF 50V K	1	V
C665		NCB31HK-104X	C CAPACITOR	0.1uF 50V K	1	V
C666		NCB31HK-104X	C CAPACITOR	0.1uF 50V K	1	V
C684		NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	V
C685		NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	V
C687		NCB31HK-472X	C CAPACITOR	4700pF 50V K	1	V
C688		NCB31HK-472X	C CAPACITOR	4700pF 50V K	1	V
C691		NCJ11EK-106X-R	C CAPACITOR	10uF 25V	1	V
C692		NCJ11EK-106X-R	C CAPACITOR	10uF 25V	1	V
R601		NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	V
R602		NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	V
R603		NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	1	V
R604		NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	1	V
R605		NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	V
R607		NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	V
R608		NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	V
R609		NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	1	V
R610		NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	1	V
R611		NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	V
R612		NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	1	V
R613		NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	V
R621		NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	V
R623		NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	1	V
R624		NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	V
R625		NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	V
R627		NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	V

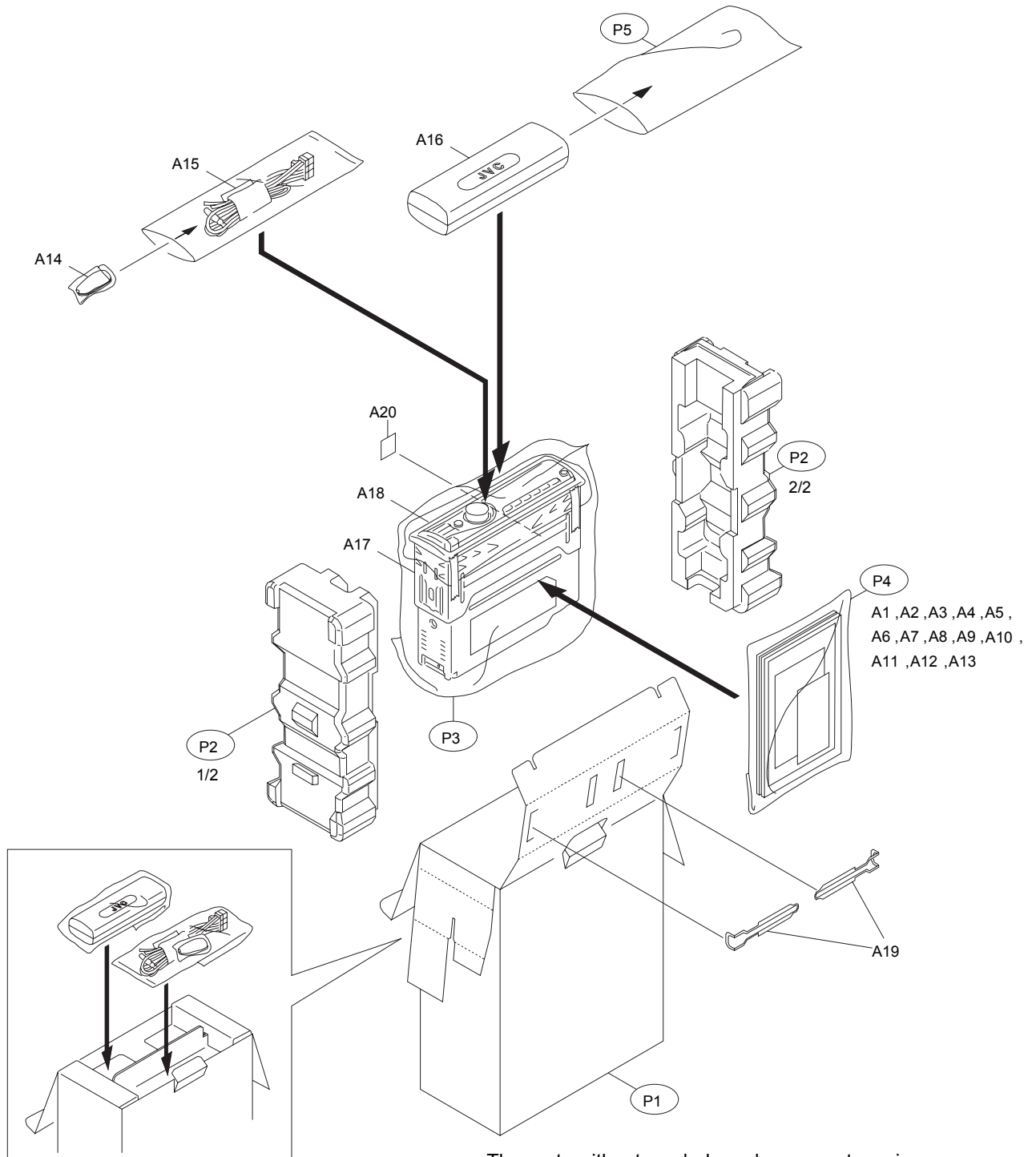
MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
R628		NRS181J-4R7X	MG RESISTOR	4.7Ω 1/8W J	1	V
R631		NRS181J-271X	MG RESISTOR	270Ω 1/8W J	1	V
R647		NRS181J-471X	MG RESISTOR	470Ω 1/8W J	1	V
R648		NRS181J-471X	MG RESISTOR	470Ω 1/8W J	1	V
R649		NRS181J-821X	MG RESISTOR	820Ω 1/8W J	1	V
R656		NRS181J-471X	MG RESISTOR	470Ω 1/8W J	1	V
R657		NRS181J-471X	MG RESISTOR	470Ω 1/8W J	1	V
R658		NRS181J-751X	MG RESISTOR	750Ω 1/8W J	1	V
R660		NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J	1	V
R661		NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	V
R662		NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	V
R663		NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	V
R664		NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	1	V
R665		NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	V
R666		NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	V
R667		NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	V
R677		NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	1	V
R678		NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	V
R693		NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	V
L674		NQR0007-002X	FERRITE BEADS		1	V
L675		NQR0007-002X	FERRITE BEADS		1	V
L676		NQR0007-002X	FERRITE BEADS		1	V
CJ601		QGZ1102K2-20X	CONNECTOR	(1-20)	1	V
CN603		QNZ1057-001	USB CONNECTOR		1	V
J601		QNS0299-001	3.5 JACK		1	V
JS686		QSW1231-002	ROTARY ENCODER		1	V
LF691		NQR0682-001X	CHOKE COIL		1	V
S601		NSW0326-001X	TACT SWITCH		1	V
S602		NSW0326-001X	TACT SWITCH		1	V
S603		NSW0326-001X	TACT SWITCH		1	V
S604		NSW0326-001X	TACT SWITCH		1	V
S605		NSW0326-001X	TACT SWITCH		1	V
S606		NSW0326-001X	TACT SWITCH		1	V
S607		NSW0326-001X	TACT SWITCH		1	V
S608		NSW0326-001X	TACT SWITCH		1	V
S609		NSW0326-001X	TACT SWITCH		1	V
S610		NSW0326-001X	TACT SWITCH		1	V
S611		NSW0326-001X	TACT SWITCH		1	V
Mecha control board (FLM-HC2-1D) <06>						
R1		NRSA63J-131X	MG RESISTOR	130Ω 1/16W J	1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
CN101		QGF1049F1-26X	CONNECTOR	FFC/FPC (1-26)	1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
CN102		QGF0522F3-15W	CONNECTOR	FFC/FPC (1-15)	1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
SW1		NSW0291-001X	DETECT SWITCH		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
SW2		NSW0291-001X	DETECT SWITCH		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
SW3		NSW0291-001X	DETECT SWITCH		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V
SW4		NSW0291-001X	DETECT SWITCH		1	A,B,C,D,E,F,G,H,I,J,K,L,M ,N,O,P,Q,R,S,T,U,V

Packing materials and accessories

Block No.M3MM

No additional / supplemental order of WARRANTY CARDS are available.



MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
KD-R420J	A	KD-R421E	B	KD-R421EU	C	KD-R421EY	D
KD-R422E	E	KD-R422EU	F	KD-R422EY	G	KD-R424UI	H
KD-R425U	I	KD-R425UH	J	KD-R425UN	K	KD-R426U	L
KD-R426UH	M	KD-R426UN	N	KD-R426UT	O	KD-R427EE	P
KD-R428J	Q	KD-R428UF	R	KD-R45E	S	KD-R45EY	T
KD-R47EE	U	KD-R527EE	V				

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

Packing and accessories <M3MM>

A1	GET0701-001B	INST BOOK	ENG SPA FRE	1	A,Q
A1	GET0705-001A	INST BOOK	GER	1	B,D,E,G,S,T
A1	GET0705-005A	INST BOOK	SPA RUS TUR PER	1	C,F
A1	GET0703-001B	INST BOOK	ENG	1	H
A1	GET0702-001B	INST BOOK	ENG THA	1	I,J,L,M
A1	GET0702-004B	INST BOOK	ENG INA	1	K,N
A1	GET0702-005B	INST BOOK	ENG CHI(TAIWAN)	1	O
A1	GET0706-001A	INST BOOK	RUS UKR	1	P,U,V
A1	GET0704-001A	INST BOOK	CHI(PEKIN)	1	R
A2	GET0705-002A	INST BOOK	DUT SPA ITA POR	1	B,E,S
A2	GET0705-006A	INST BOOK	POL RUS GRE	1	D,G,T
A2	GET0702-002B	INST BOOK	KOR CHI(TAIWAN) ARA PER	1	I,L
A3	GET0705-003A	INST BOOK	ENG FRE	1	B,C,E,F,S
A3	GET0705-007A	INST BOOK	POL BUL CZE HUN	1	D,G,T
A3	GET0702-003B	INST BOOK	RUS	1	I,L
A4	GET0701-002A	INSTALL MANUAL	ENG SPA FRE	1	A,Q
A4	GET0705-008A	INSTALL MANUAL	GER	1	B,D,E,G,S,T
A4	GET0705-012A	INSTALL MANUAL	SPA RUS	1	C,F
A4	GET0703-002A	INSTALL MANUAL	ENG	1	H
A4	GET0702-006A	INSTALL MANUAL	ENG THA	1	I,J,L,M
A4	GET0702-009A	INSTALL MANUAL	ENG INA	1	K,N
A4	GET0702-010A	INSTALL MANUAL	ENG CHI(TAIWAN)	1	O
A4	GET0706-002A	INSTALL MANUAL	RUS UKR	1	P,U,V
A4	GET0704-002A	INSTALL MANUAL	CHI(PEKIN)	1	R
A5	GET0705-009A	INSTALL MANUAL	DUT SPA	1	B,E,S
A5	GET0705-013A	INSTALL MANUAL	POL RUS GRE	1	D,G,T
A5	GET0702-007A	INSTALL MANUAL	KOR CHI(TAIWAN)	1	I,L
A6	GET0705-010A	INSTALL MANUAL	ENG FRE	1	B,C,E,F,S
A6	GET0705-014A	INSTALL MANUAL	POL BUL	1	D,G,T
A6	GET0702-008A	INSTALL MANUAL	RUS	1	I,L
A7	-----	WARRANTY CARD	BT-52008-1	1	A,Q
A8	-----	WARRANTY CARD	BT-51018-6	1	A,Q
A9	-----	WARRANTY CARD	BT-59033-1	1	R
A10	-----	WARRANTY CARD	BT-54043-1	1	B,D,E,G,P,S,T,U,V
A11	BT-51044-1	REGISTRATION CARD	BT-51044-1	1	A,Q
A12	BT-59022-9	SVC CENTER LIST		1	R
A13	GET0723-001A	RUSSIA SHEET		1	D,G,T
A13	GET0724-001A	RUSSIA SHEET		1	P,U,V
A14	RM-RK52M	REMOCON UNIT		1	A,Q
A14	RM-RK52C	REMOCON UNIT		1	H,I,J,K,L,M,N,O,R
A15	QAM1326-001	CAR CABLE		1	A
A15	QAM1345-001	CAR CABLE		1	B,C,D,E,F,G
A15	QAM1328-001	CAR CABLE		1	H,I,J,K,L,M,N,O,R
A15	QAM1344-001	CAR CABLE		1	P,S,T,U,V
A15	QAM1329-001	CAR CABLE		1	Q
A16	GE32320-001A	HARD CASE ASSY		1	H,I,J,K,L,M,N,O,P,R,U,V
A17	GE20279-001A	MOUNTING SLEEVE		1	
A18	GE20284-001A	TRIM PLATE		1	A,B,C,D,E,F,G,L,M,N,O,P, Q,R,S,T,U,V
A18	GE20284-002A	TRIM PLATE		1	H,I,J,K
A19	GE40508-001A	HOOK		2	
A20	LV44928-301A	RECYCLE MARK		1	R
P1	GE34258-001A	CARTON		1	A
P1	GE34277-001A	CARTON		1	B,C,D
P1	GE34280-001A	CARTON		1	E,F,G
P1	GE34271-001A	CARTON		1	H
P1	GE34261-001A	CARTON		1	I,J,K
P1	GE34264-001A	CARTON		1	L,M,N,O
P1	GE34286-001A	CARTON		1	P
P1	GE34255-002A	CARTON		1	Q
P1	GE34274-001A	CARTON		1	R
P1	GE34283-001A	CARTON		1	S,T
P1	GE34289-001A	CARTON		1	U
P1	GE34295-001A	CARTON		1	V
P2	GE10299-001A	CUSHION		1	
P3	QPC03004315PG	POLY BAG	30cm x 43cm	1	
P4	FSPG4002-001	POLY BAG		1	
P5	QPA01003003	POLY BAG	10cm x 30cm	1	H,I,J,K,L,M,N,O,P,R,U,V