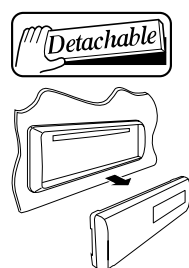




# SERVICE MANUAL

## CD RECEIVER

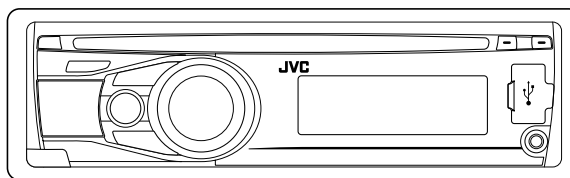
**KD-R35E, KD-R35EY, KD-R38EE, KD-R411E,  
KD-R411EY, KD-R411EU, KD-R412E, KD-R412EY,  
KD-R412EU, KD-R414UI, KD-R415U, KD-R415UN,  
KD-R415UT, KD-R415UH, KD-R415UW, KD-R416U,  
KD-R416UN, KD-R416UT, KD-R416UH, KD-R416UW,  
KD-R417EE, KD-R418J, KD-R418UF, KD-R416SUN,  
KD-R419UR, KD-S27J**



**MP3  
WMA**



for  
KD-R416  
KD-R415



only KD-R418  
KD-R419  
KD-S27

### **Radio Data System**

except KD-R418J  
KD-R414, KD-S27

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)

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# SPECIFICATION

## KD-R412/KD-R411/KD-R35

| AUDIO AMPLIFIER SECTION                      |                                                  |                                                                                               |                                                            |
|----------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Maximum Power Output                         | Front/Rear                                       | 50 W per channel                                                                              |                                                            |
| Continuous Power Output (RMS)                | Front/Rear                                       | 19 W per channel into 4 Ω, 40 Hz to 20 000 Hz at no more than 0.8% total harmonic distortion. |                                                            |
| Load Impedance                               |                                                  | 4 Ω (4 Ω to 8 Ω allowance)                                                                    |                                                            |
| Tone Control Range                           | Bass                                             | ±12 dB (60 Hz, 80 Hz, 100 Hz, 200 Hz) Q1.0, Q1.25, Q1.5, Q2.0                                 |                                                            |
|                                              | Middle                                           | ±12 dB (0.5 kHz, 1.0 kHz, 1.5 kHz, 2.5 kHz) Q0.75, Q1.0, Q1.25                                |                                                            |
|                                              | Treble                                           | ±12 dB (10.0 kHz, 12.5 kHz, 15.0 kHz, 17.5 kHz) Q (Fixed)                                     |                                                            |
| Frequency Response                           |                                                  | 40 Hz to 20 000 Hz                                                                            |                                                            |
| Signal-to-Noise Ratio                        |                                                  | 70 dB                                                                                         |                                                            |
| Line-Out Level/Impedance                     | Except KD-R35                                    | 2.5 V/20 kΩ load (full scale)                                                                 |                                                            |
| Subwoofer-Out Level/Impedance                | Except KD-R35                                    | 2.5 V/20 kΩ load (full scale)                                                                 |                                                            |
| Output Impedance                             |                                                  | 1 kΩ                                                                                          |                                                            |
| Other Terminal                               |                                                  | AUX (auxiliary) input jack, Aerial input                                                      |                                                            |
| TUNER SECTION                                |                                                  |                                                                                               |                                                            |
| Frequency Range                              | FM                                               | 87.5 MHz to 108.0 MHz (with channel interval set to 50 kHz)                                   |                                                            |
|                                              | AM                                               | MW                                                                                            | 530 kHz to 1 710 kHz (with channel interval set to 10 kHz) |
|                                              |                                                  | LW                                                                                            | 531 kHz to 1 602 kHz (with channel interval set to 9 kHz)  |
| FM Tuner                                     | Usable Sensitivity                               |                                                                                               | 9.3 dBf (0.8 μV/75 Ω)                                      |
|                                              | 50 dB Quieting Sensitivity                       |                                                                                               | 16.3 dBf (1.8 μV/75Ω)                                      |
|                                              | Alternate Channel Selectivity (400 kHz)          |                                                                                               | 65 dB                                                      |
|                                              | Frequency Response                               |                                                                                               | 40 Hz to 15 000 Hz                                         |
|                                              | Stereo Separation                                |                                                                                               | 40 dB                                                      |
| MW Tuner                                     | Sensitivity                                      |                                                                                               | 20 μV                                                      |
|                                              | Selectivity                                      |                                                                                               | 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                                |                                                                                               |                                                            |
| Dynamic Range                                | 93 dB                                            |                                                                                               |                                                            |
| 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 × 160 mm                                                                       |                                                            |
|                                              | Panel Size                                       | 188 mm × 58 mm × 6 mm                                                                         |                                                            |
| Mass                                         | 1.3 kg (excluding accessories)                   |                                                                                               |                                                            |

Design and specifications are subject to change without notice.

| AUDIO AMPLIFIER SECTION                      |                                         |                                                                         |                                    |
|----------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------|------------------------------------|
| Power Output                                 |                                         | 20 W RMS × 4 Channels at 4 Ω and < or = 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)                                              |                                    |
| Tone Control Range                           | Bass                                    | ±12 dB (60 Hz, 80 Hz, 100 Hz, 200 Hz) Q1.0, Q1.25, Q1.5, Q2.0           |                                    |
|                                              | Middle                                  | ±12 dB (0.5 kHz, 1.0 kHz, 1.5 kHz, 2.5 kHz) Q0.75, Q1.0, Q1.25          |                                    |
|                                              | Treble                                  | ±12 dB (10.0 kHz, 12.5 kHz, 15.0 kHz, 17.5 kHz) Q (Fixed)               |                                    |
| Frequency Response                           |                                         | 40 Hz to 20 000 Hz                                                      |                                    |
| Line-Out Level/Impedance                     |                                         | 2.5 V/20 kΩ load (full scale)                                           |                                    |
| Subwoofer-Out Level/Impedance                |                                         | 2.5 V/20 kΩ load (full scale)                                           |                                    |
| Output Impedance                             |                                         | 1 kΩ                                                                    |                                    |
| Other Terminal                               |                                         | USB input jack, AUX (auxiliary) input jack, Antenna input               |                                    |
| TUNER SECTION                                |                                         |                                                                         |                                    |
| Frequency Range                              | FM                                      | 87.5 MHz to 107.9 MHz (with channel interval set to 100 kHz or 200 kHz) |                                    |
|                                              |                                         | 87.5 MHz to 108.0 MHz (with channel interval set to 50 kHz)             |                                    |
|                                              | AM                                      | 530 kHz to 1 710 kHz (with channel interval set to 10 kHz)              |                                    |
|                                              |                                         | 531 kHz to 1 602 kHz (with channel interval set to 9 kHz)               |                                    |
| FM Tuner                                     | Usable Sensitivity                      |                                                                         | 9.3 dBf (0.8 μV/75 Ω)              |
|                                              | 50 dB Quieting Sensitivity              |                                                                         | 16.3 dBf (1.8 μV/75Ω)              |
|                                              | 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                                                       |                                    |
| Dynamic Range                                |                                         | 96 dB                                                                   |                                    |
| 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: 320 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)                       | Installation Size (approx.)             | 182 mm × 52 mm × 160 mm (7-3/16" × 2-1/16" × 6-5/16")                   |                                    |
|                                              | Panel Size (approx.)                    | 188 mm × 58 mm × 6 mm (7-7/16" × 2-5/16" × 1/4")                        |                                    |
| Mass (approx.)                               |                                         | 1.3 kg (2.9 lbs) (excluding accessories)                                |                                    |

Design and specifications are subject to change without notice.

**KD-R414**

| AUDIO AMPLIFIER SECTION                      |                                         |                                                                                               |                       |
|----------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------|
| Maximum Power Output                         | Front/Rear                              | 50 W per channel                                                                              |                       |
| Continuous Power Output (RMS)                | Front/Rear                              | 19 W per channel into 4 Ω, 40 Hz to 20 000 Hz at no more than 0.8% total harmonic distortion. |                       |
| Load Impedance                               |                                         | 4 Ω (4 Ω to 8 Ω allowance)                                                                    |                       |
| Tone Control Range                           | Bass                                    | ±12 dB (60 Hz, 80 Hz, 100 Hz, 200 Hz) Q1.0, Q1.25, Q1.5, Q2.0                                 |                       |
|                                              | Middle                                  | ±12 dB (0.5 kHz, 1.0 kHz, 1.5 kHz, 2.5 kHz) Q0.75, Q1.0, Q1.25                                |                       |
|                                              | Treble                                  | ±12 dB (10.0 kHz, 12.5 kHz, 15.0 kHz, 17.5 kHz) Q (Fixed)                                     |                       |
| Frequency Response                           |                                         | 40 Hz to 20 000 Hz                                                                            |                       |
| Signal-to-Noise Ratio                        |                                         | 70 dB                                                                                         |                       |
| Line-Out Level/Impedance                     |                                         | 5.0 V/20 kΩ load (full scale)                                                                 |                       |
| Output Impedance                             |                                         | 1 kΩ                                                                                          |                       |
| Other Terminal                               |                                         | AUX (auxiliary) input jack, USB input jack, Antenna input                                     |                       |
| TUNER SECTION                                |                                         |                                                                                               |                       |
| Frequency Range                              | FM                                      | 87.5 MHz to 108.0 MHz                                                                         |                       |
|                                              | AM                                      | 531 kHz to 1602 kHz                                                                           |                       |
| FM Tuner                                     | Usable Sensitivity                      |                                                                                               | 9.3 dBf (0.8 μV/75 Ω) |
|                                              | 50 dB Quieting Sensitivity              |                                                                                               | 16.3 dBf (1.8 μV/75Ω) |
|                                              | Alternate Channel Selectivity (400 kHz) |                                                                                               | 65 dB                 |
|                                              | Frequency Response                      |                                                                                               | 40 Hz to 15 000 Hz    |
|                                              | Stereo Separation                       |                                                                                               | 40 dB                 |
| AM Tuner                                     | Sensitivity/Selectivity                 |                                                                                               | 20μV/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                                                                             |                       |
| Dynamic Range                                |                                         | 93 dB                                                                                         |                       |
| 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 × 160 mm                                                                       |                       |
|                                              | Panel Size                              | 188 mm × 58 mm × 6 mm                                                                         |                       |
| Mass (approx.)                               |                                         | 1.3 kg (excluding accessories)                                                                |                       |

Design and specifications are subject to change without notice.

| AUDIO AMPLIFIER SECTION                      |                                         |                                                                                               |                                    |  |
|----------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------|--|
| Maximum Power Output                         | Front/Rear                              | 50 W per channel                                                                              |                                    |  |
| Continuous Power Output (RMS)                | Front/Rear                              | 19 W per channel into 4 Ω, 40 Hz to 20 000 Hz at no more than 0.8% total harmonic distortion. |                                    |  |
| Load Impedance                               |                                         | 4 Ω (4 Ω to 8 Ω allowance)                                                                    |                                    |  |
| Tone Control Range                           | Bass                                    | ±12 dB (60 Hz, 80 Hz, 100 Hz, 200 Hz) Q1.0, Q1.25, Q1.5, Q2.0                                 |                                    |  |
|                                              | Middle                                  | ±12 dB (0.5 kHz, 1.0 kHz, 1.5 kHz, 2.5 kHz) Q0.75, Q1.0, Q1.25                                |                                    |  |
|                                              | Treble                                  | ±12 dB (10.0 kHz, 12.5 kHz, 15.0 kHz, 17.5 kHz) Q (Fixed)                                     |                                    |  |
| Frequency Response                           |                                         | 40 Hz to 20 000 Hz                                                                            |                                    |  |
| Signal-to-Noise Ratio                        |                                         | 70 dB                                                                                         |                                    |  |
| Line-Out Level/Impedance                     | KD-R417                                 | 2.5 V/20 kΩ load (full scale)                                                                 |                                    |  |
| Subwoofer-Out Level/Impedance                | KD-R417                                 | 2.5 V/20 kΩ load (full scale)                                                                 |                                    |  |
| Output Impedance                             |                                         | 1 kΩ                                                                                          |                                    |  |
| Other Terminal                               |                                         | AUX (auxiliary) input jack, USB input jack (for KD-R414), Antenna input                       |                                    |  |
| TUNER SECTION                                |                                         |                                                                                               |                                    |  |
| Frequency Range                              | FM                                      | 87.5 MHz to 108.0 MHz                                                                         |                                    |  |
|                                              | FM-LO                                   | 65.00 MHz to 74.00 MHz                                                                        |                                    |  |
|                                              | AM                                      | MW                                                                                            | 531 kHz to 1602 kHz                |  |
|                                              |                                         | LW                                                                                            | 144 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/75Ω)              |  |
|                                              | Alternate Channel Selectivity (400 kHz) |                                                                                               | 65 dB                              |  |
|                                              | Frequency Response                      |                                                                                               | 40 Hz to 15 000 Hz                 |  |
|                                              | Stereo Separation                       |                                                                                               | 40 dB                              |  |
| AM Tuner                                     | MW                                      | Sensitivity/Selectivity                                                                       | 20μV/40 dB                         |  |
|                                              | LW                                      | Sensitivity                                                                                   | 50μV                               |  |
| 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                                                                             |                                    |  |
| Dynamic Range                                |                                         | 93 dB                                                                                         |                                    |  |
| 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 × 160 mm                                                                       |                                    |  |
|                                              | Panel Size                              | 188 mm × 58 mm × 6 mm                                                                         |                                    |  |
| Mass (approx.)                               |                                         | 1.3 kg (excluding accessories)                                                                |                                    |  |

Design and specifications are subject to change without notice.

| AUDIO AMPLIFIER SECTION                      |                   |                                                                                               |                                    |
|----------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------|------------------------------------|
| Maximum Power Output                         | Front/Rear        | 50 W per channel                                                                              |                                    |
| Continuous Power Output (RMS)                | Front/Rear        | 19 W per channel into 4 Ω, 40 Hz to 20 000 Hz at no more than 0.8% total harmonic distortion. |                                    |
| Load Impedance                               |                   | 4 Ω (4 Ω to 8 Ω allowance)                                                                    |                                    |
| Tone Control Range                           | Bass              | ±12 dB (60 Hz, 80 Hz, 100 Hz, 200 Hz) Q1.0, Q1.25, Q1.5, Q2.0                                 |                                    |
|                                              | Middle            | ±12 dB (0.5 kHz, 1.0 kHz, 1.5 kHz, 2.5 kHz) Q0.75, Q1.0, Q1.25                                |                                    |
|                                              | Treble            | ±12 dB (10.0 kHz, 12.5 kHz, 15.0 kHz, 17.5 kHz) Q (Fixed)                                     |                                    |
| Frequency Response                           |                   | 40 Hz to 20 000 Hz                                                                            |                                    |
| Signal-to-Noise Ratio                        |                   | 70 dB                                                                                         |                                    |
| Line-Out Level/Impedance                     |                   | 5.0 V/20 kΩ load (full scale)                                                                 |                                    |
| Subwoofer-Out Level/Impedance                |                   | 5.0 V/20 kΩ load (full scale)                                                                 |                                    |
| Output Impedance                             |                   | 1 kΩ                                                                                          |                                    |
| Other Terminal                               |                   | AUX (auxiliary) input jack, USB input jack, Antenna input                                     |                                    |
| TUNER SECTION                                |                   |                                                                                               |                                    |
| Frequency Range                              | FM                | 87.5 MHz to 108.0 MHz                                                                         |                                    |
|                                              | AM                | 531 kHz to 1602 kHz                                                                           |                                    |
| FM Tuner                                     |                   | Usable Sensitivity                                                                            | 9.3 dBf (0.8 μV/75 Ω)              |
|                                              |                   | 50 dB Quieting Sensitivity                                                                    | 16.3 dBf (1.8 μV/75Ω)              |
|                                              |                   | Alternate Channel Selectivity (400 kHz)                                                       | 65 dB                              |
|                                              |                   | Frequency Response                                                                            | 40 Hz to 15 000 Hz                 |
|                                              |                   | Stereo Separation                                                                             | 40 dB                              |
| AM Tuner                                     |                   | Sensitivity                                                                                   | 20μV                               |
|                                              |                   | Selectivity                                                                                   | 40 dBμ                             |
| 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                                                                             |                                    |
| Dynamic Range                                |                   | 93 dB                                                                                         |                                    |
| 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 × 160 mm                                                                       |                                    |
|                                              | Panel Size        | 188 mm × 58 mm × 6 mm                                                                         |                                    |
| Mass (approx.)                               |                   | 1.3 kg (excluding accessories)                                                                |                                    |

Design and specifications are subject to change without notice.

# SECTION 1

## PRECAUTION

### 1.1 Safety Precautions



**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 performing repair of this system.



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

## 1.2 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.

### 1.2.1 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.

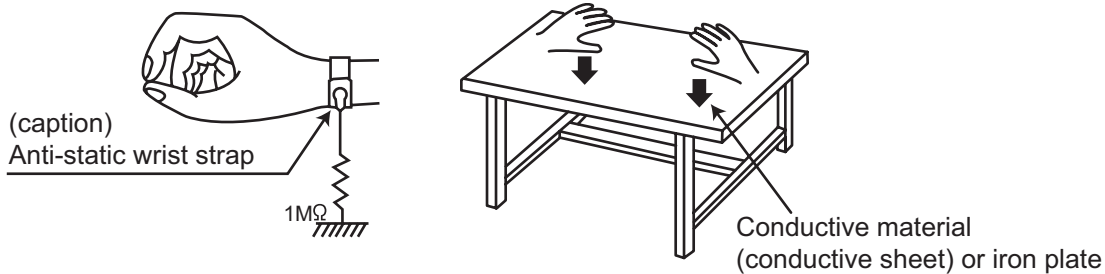
Be careful to use proper grounding in the area where repairs are being performed.

(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.

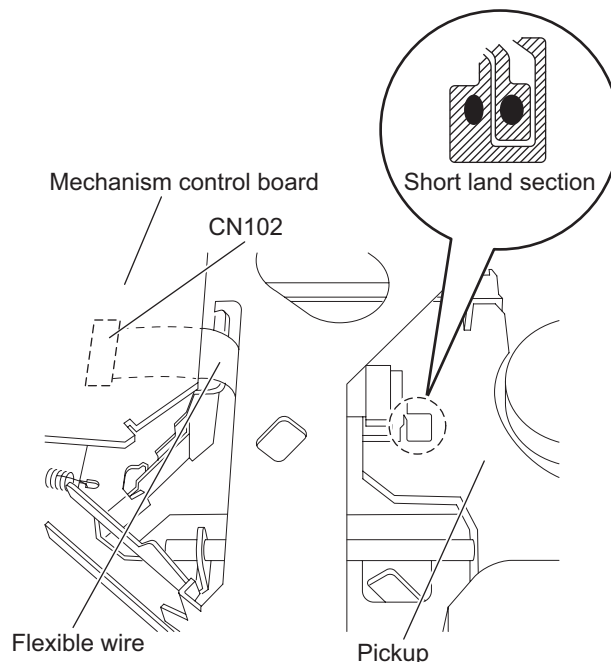
## 1.3 Handling the traverse unit (optical pickup)

- (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.

## 1.4 Attention when traverse unit is decomposed

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

- Apply solder to the short land before the card wire is disconnected from the connector on the pickup unit. (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 after connecting the card wire.



## 1.5 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 näkyvälle ja/tai näkymättömälle luokan 1M lasersäteilylle. Älä tarkastele sitä optisen laitteen läpi.

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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



| CAUTION                                                                                                                           | ATTENTION                                                                                                                                | AVISO                                                                                                                       | WARNING                                                                                                                      | 注意                                                       | CAUTION                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. IEC60825-1:2001 (ENG) | RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FRA) | RADIACIÓN LÁSER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTA ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTAL ÓPTICO. (ESP) | SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLNING, KLAS 1M, NÄR DENNA DEL ÄR ÖPPNAD. BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (SWE) | ここを覗くと可視及び/または不可視のクラス1Mレーザ放射線が出ます。光学装置で直接見ないでください。 (JPN) | VISIBLE AND/OR INVISIBLE CLASS 1 LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (ENG) LV44803-003A |

## **SECTION 2**

### **SPECIFIC SERVICE INSTRUCTIONS**

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

## SECTION 3 DISASSEMBLY

### 3.1 Main body (Used figure were KD-R418J)

#### 3.1.1 Removing the Bottom chassis (See Fig.1)

- (1) Remove the three screws **A** attaching the Heat sink.
- (2) Remove the one screw **B** and one screw **C** attaching the Bottom chassis.

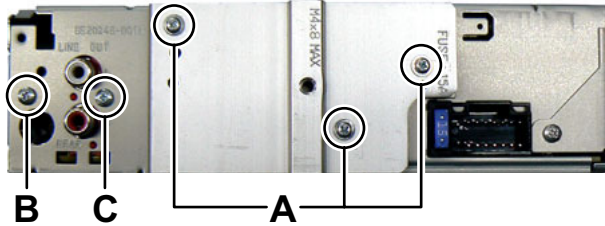


Fig.1

#### 3.1.2 Removing the Front chassis (See Fig.2)

- (1) Disengage four hooks **a** engaged both side of the Front chassis.

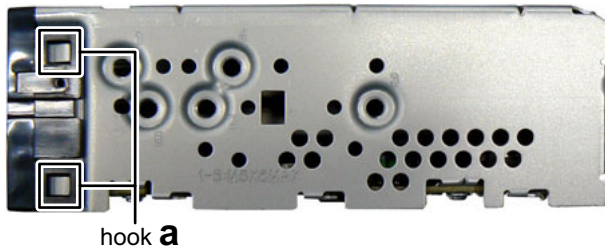


Fig.2

#### 3.1.3 Removing the Side plate (See Fig.3)

- (1) Remove the two screws **D** and one screw **E** attaching the Side plate.

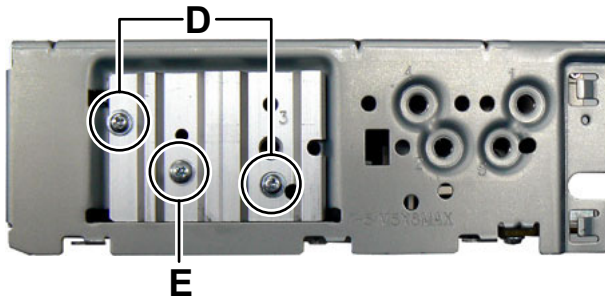


Fig.3

#### 3.1.4 Removing the Main board (See Fig.4, 5)

- (1) Remove the one screw **F** attaching the main board. (See Fig.4)

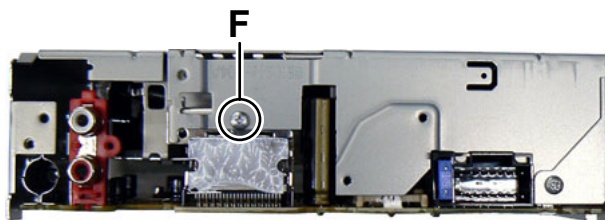


Fig.4

- (2) Remove the three screws **G** attaching the Main board. (See Fig.5)

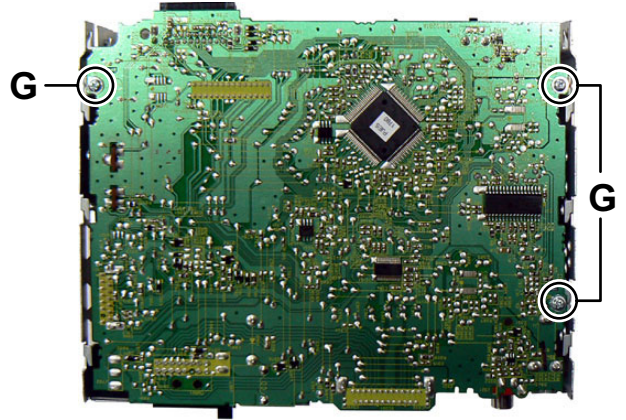


Fig.5

#### 3.1.5 Removing the CD mechanism (See Fig.6)

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

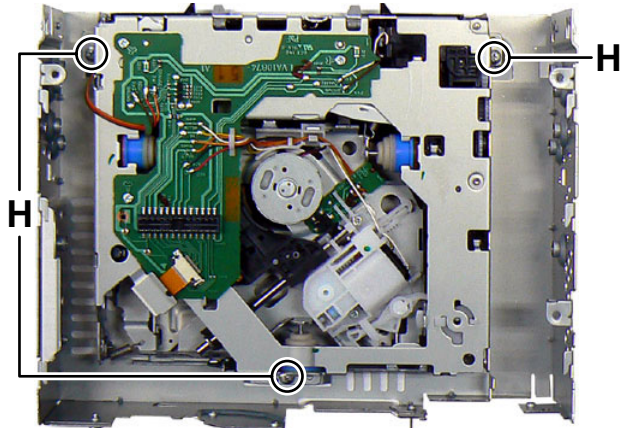


Fig.6

#### 3.1.6 Removing the Switch board (See Fig.7)

- (1) Remove the Volume knob.
- (2) Remove the four screws **J** attaching the Rear cover.
- (3) Disengage eleven hooks **b** engaged Rear cover.

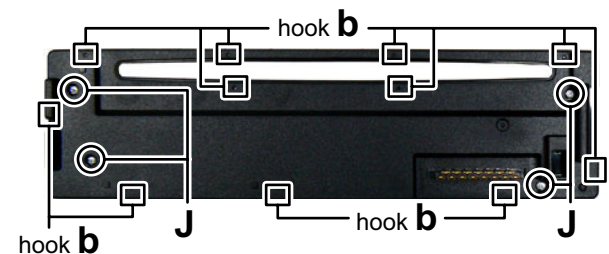


Fig.7

### 3.2 CD MECHANISM assembly section

- Remove the CD MECHANISM assembly from the main body.

#### 3.2.1 Removing the MECHANISM CONTROL BOARD assembly (See Fig.1 and 2)

- (1) From the bottom side of CD MECHANISM assembly, remove the solders from the soldered sections (a, b and c) on the MECHANISM CONTROL BOARD assembly. (See Fig.1.)
- (2) Remove the three screws **A** attaching the MECHANISM CONTROL BOARD assembly. (See Fig.1.)
- (3) Solder the short land sections on the pickup. (See Fig.2.)

**Caution:**

- Solder the short land sections on the pickup before disconnecting the flexible wire from the connector [CN102](#) on the MECHANISM CONTROL BOARD assembly.

If the card wire is disconnected without attaching solder, the pickup may be destroyed by static electricity. (See Fig.2.)

- When attaching the MECHANISM CONTROL BOARD assembly, remove the solders from the short land sections after connecting the flexible wire to the connector [CN102](#) on the MECHANISM CONTROL BOARD assembly.

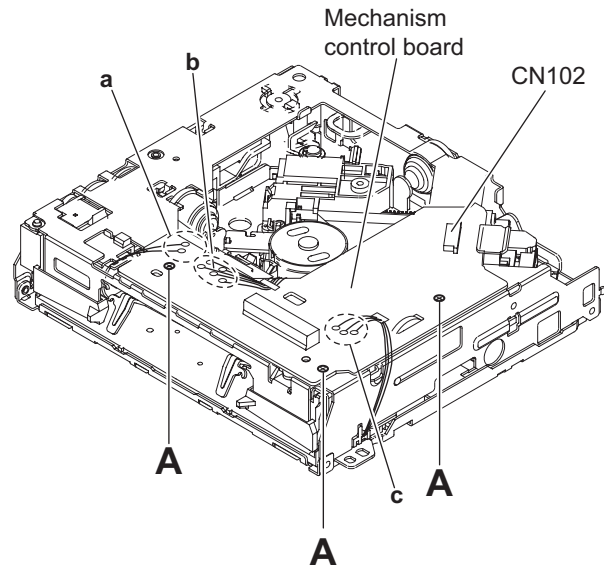


Fig.1

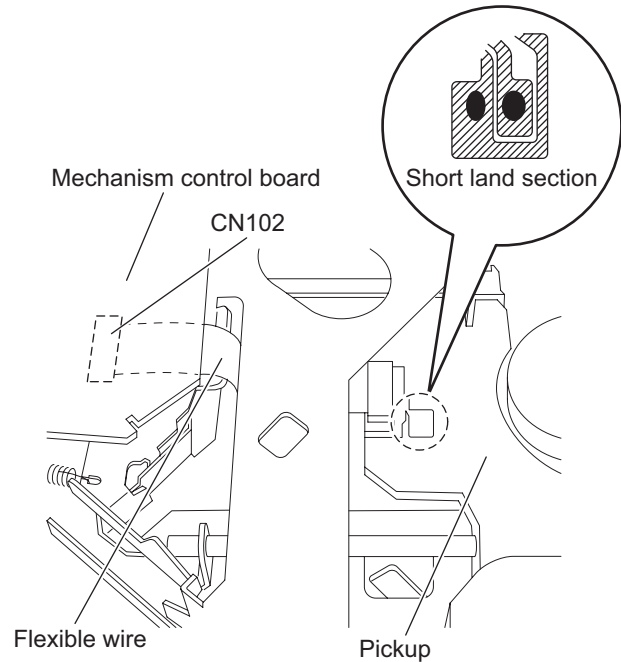
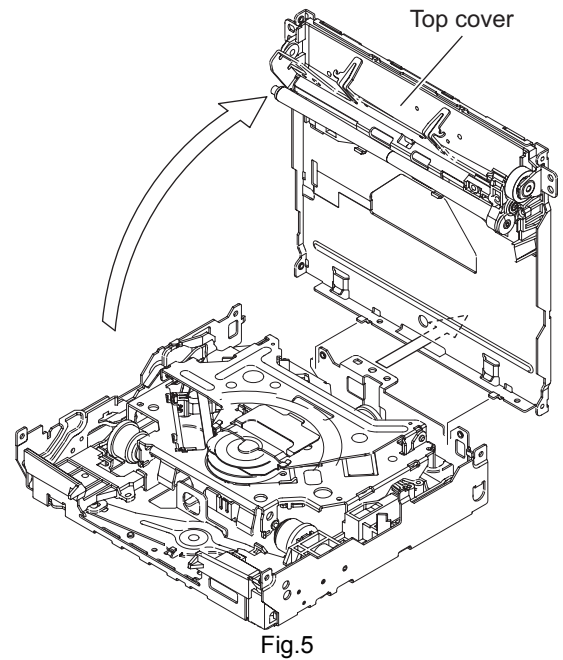
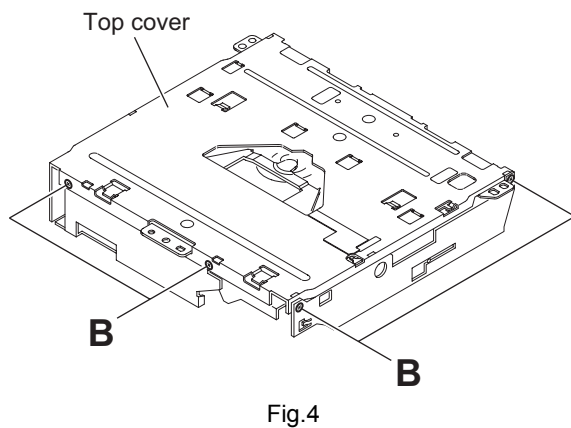
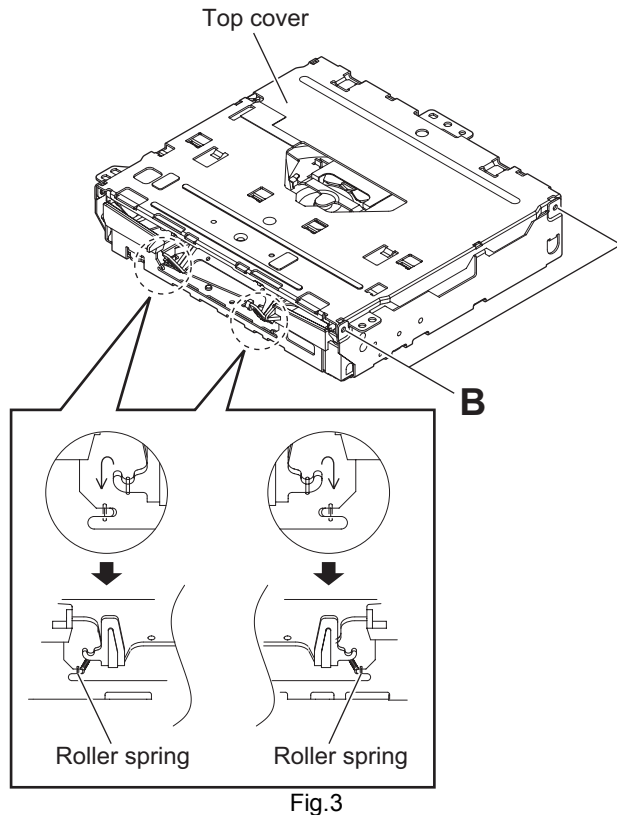


Fig.2

### 3.2.2 Removing the top cover (See Fig.3 to 5)

- Remove the MECHANISM CONTROL BOARD assembly.
  - From the front side of the CD MECHANISM assembly, change the hook position of the two roller springs. (See Fig.3.)
  - From the side of the CD MECHANISM assembly, remove the six screws **B** attaching the top cover. (See Fig.3 and 4.)
  - Take out the top cover in an upward direction. (See Fig.5.)

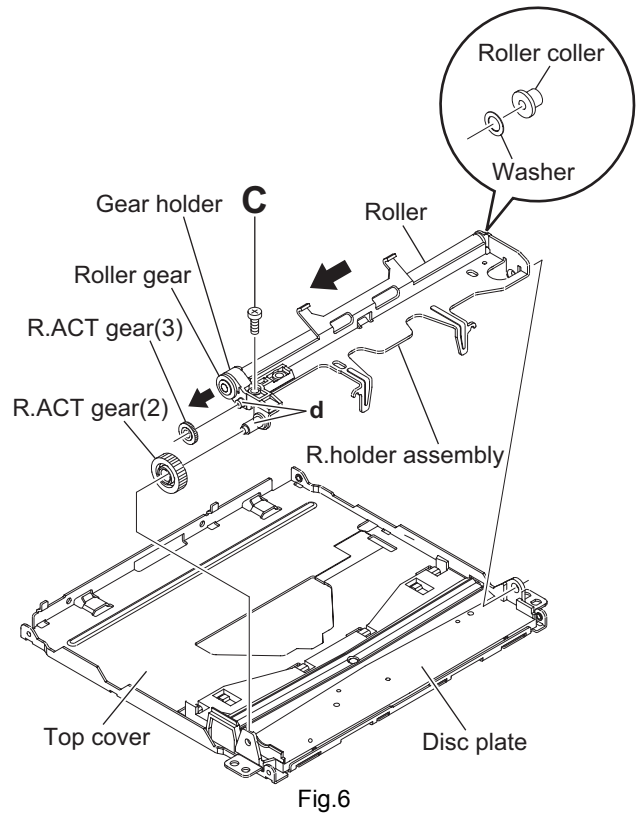


### 3.2.3 Removing the roller (See Fig.6)

- Remove the MECHANISM CONTROL BOARD assembly and top cover.
  - From the bottom side of the top cover, remove the screw **C** attaching the gear holder.
  - Remove the R.holder assembly from disc plate, and then take out the roller from R.holder assembly in the direction of the arrow.

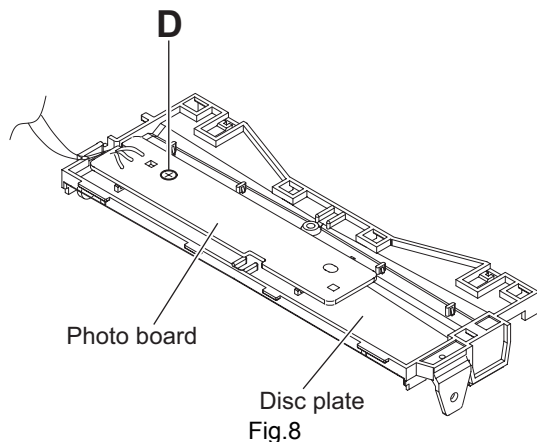
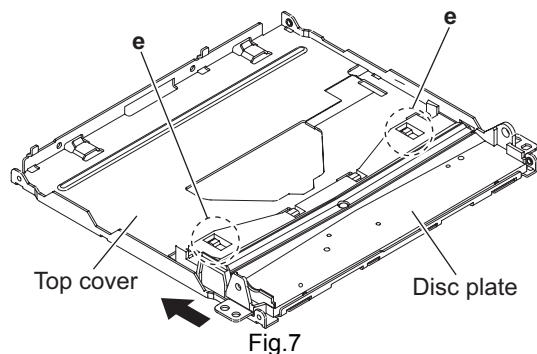
#### Reference:

When attaching the R.ACT gear (2) and R.ACT gear (3), apply grease to the section **d** of R.holder assembly.



### 3.2.4 Removing the PHOTO BOARD assembly (See Fig.7 and 8)

- Remove the MECHANISM CONTROL BOARD assembly and top cover.
  - From the bottom side of the top cover, release the projection **e** from the notch of the disc plate. (See Fig.7.)
  - Take out the disc plate in the direction of the arrow. (See Fig.7.)
  - From the reverse side of the disc plate, remove the screw **D** attaching the PHOTO BOARD assembly. (See Fig.8.)



### 3.2.5 Removing the mechanism section (See Fig.9 and 10)

- Remove the MECHANISM CONTROL BOARD assembly and top cover.
  - From the top side of the CD MECHANISM assembly, remove the two screws **E** attaching the loading motor assembly. (See Fig.9.)
  - Remove the two roller springs on the top side of the mecha frame. (See Fig.9.)
  - Remove the four SUS springs on the top side of the mecha frame. (See Fig.9.)
  - Remove the link spring on the top side of the mecha frame. (See Fig.10.)
  - Release section **f** of the three dampers from the mecha frame. (See Fig.10.)

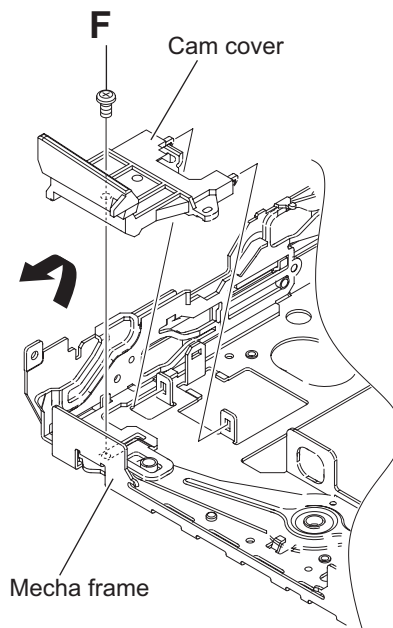
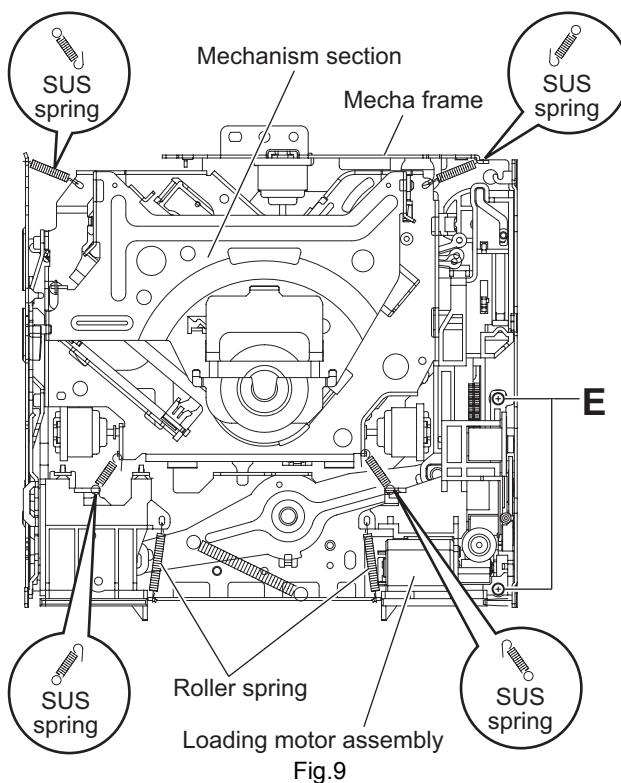
#### Reference:

When attaching the roller spring and SUS spring, keep direction before remove.

- Move the slide cam (R) assembly in the direction of the arrow, and then take out the mechanism section in an upward direction. (See Fig.10.)

#### Reference:

When attaching the mechanism section, apply grease to the section **g**. (See Fig.10.)



### 3.2.6 Removing the slide cam (L) (See Fig.11 to 13)

- Remove the MECHANISM CONTROL BOARD assembly, top cover and mechanism section.
  - From the top side of the mecha frame, remove the screw **F** attaching the cam cover. (See Fig.11.)
  - Take out the cam cover from mecha frame in an upward direction. (See Fig.11.)
  - Take out the slide cam (L) in the direction of the arrow. (See Fig.12.)

#### Reference:

When attaching the slide cam (L), apply grease to the section **h**. (See Fig.13.)

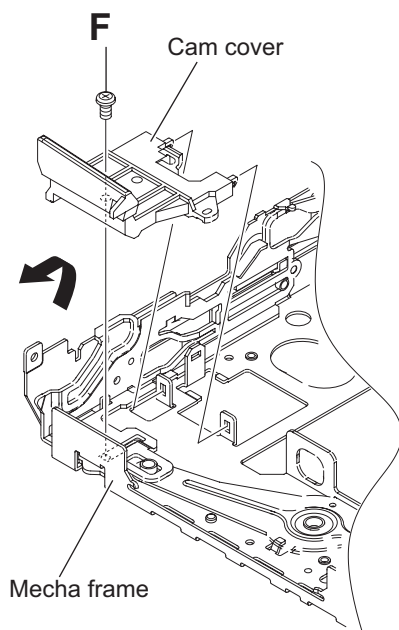


Fig.11

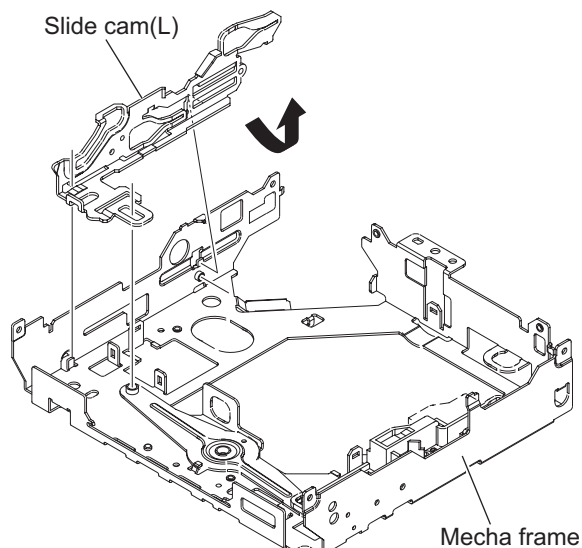


Fig.12

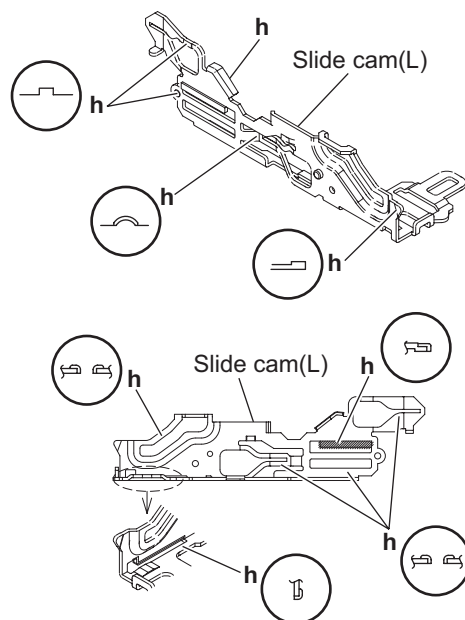


Fig.13

### 3.2.7 Removing the F.lock lever and slide cam (R) (See Fig.14 and 15)

- Remove the MECHANISM CONTROL BOARD assembly, top cover and mechanism section.
  - From the top side of the mecha frame, take out the slide cam (R) assembly in an upward direction. (See Fig.14.)
  - Rotate the F.lock lever in the direction of the arrow 1, and then take out the direction of the arrow 2. (See Fig.14.)

#### Reference:

When attaching the slide cam (R) assembly, the f.lock lever and the link arm apply grease to the section **h**. (See Fig.14 and 15.)

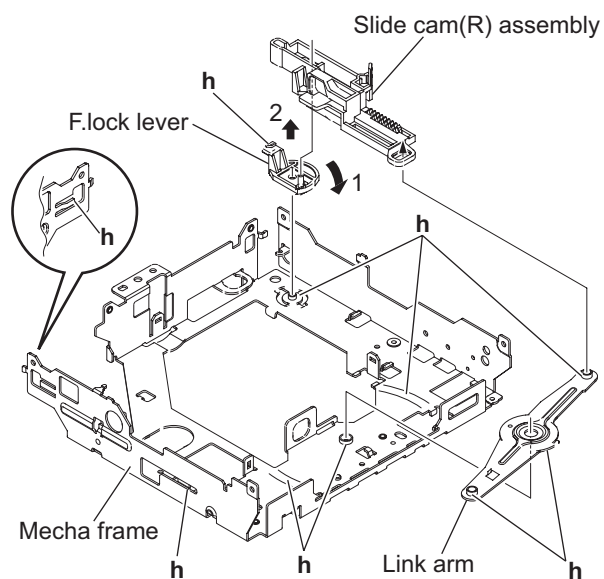


Fig.14

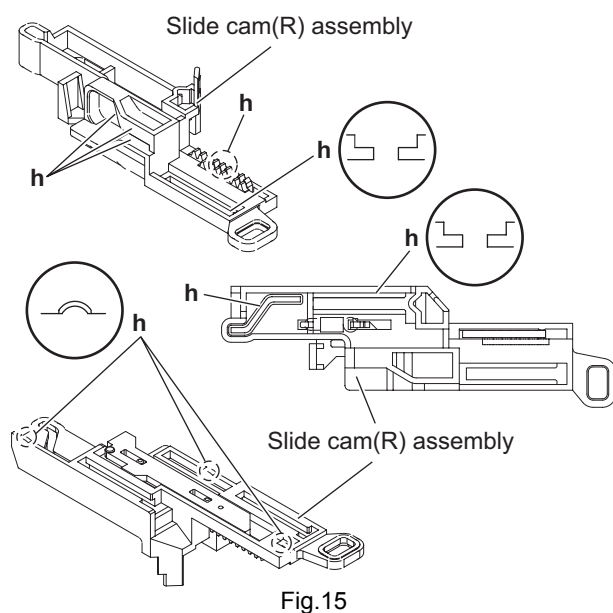


Fig.15

### 3.2.8 Removing the damper (See Fig.16)

- Remove the MECHANISM CONTROL BOARD assembly, top cover and mechanism section.
 

From the mechanism section, pull out the three dampers in the direction of the arrow.

#### Reference:

Before inserting the shaft to the dampers, apply IPA to the pocket **j** of damper.

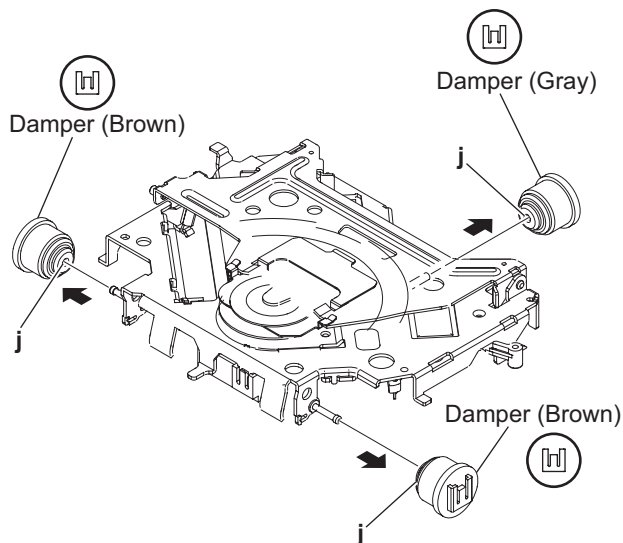


Fig.16

### 3.2.9 Removing the clamper assembly (See Fig.17)

- Remove the MECHANISM CONTROL BOARD assembly, top cover and mechanism section.
  - From the top side of the mechanism section, release the clamper spring.
  - Move the clamper assembly in the direction of the arrow, and then release the joints (**k** and **m**).
  - Take out the clamper assembly from the T.M chassis assembly.

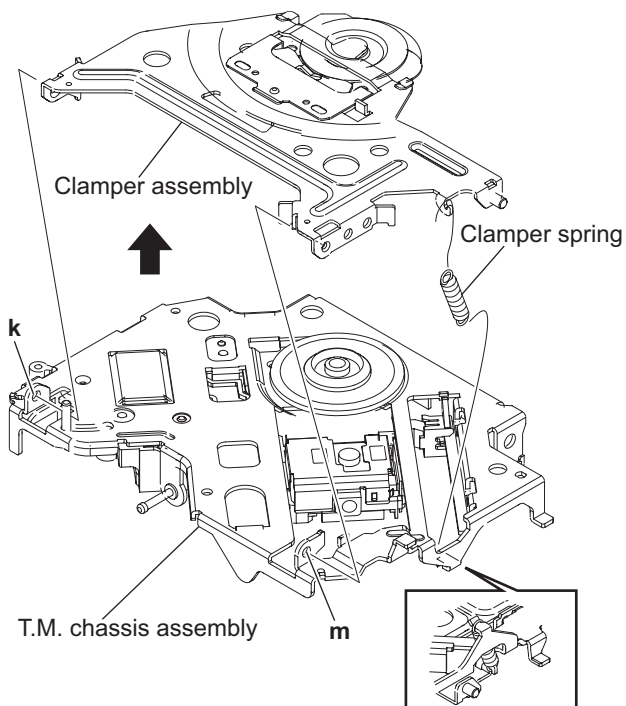


Fig.17

### 3.2.10 Removing the feed motor (See Fig.18 and 19)

- Remove the MECHANISM CONTROL BOARD assembly, top cover, mechanism section and clamber assembly.
  - From the bottom side of the T.M chassis assembly, remove the two screws **G** attaching the feed motor assembly. (See Fig.18.)
  - Remove the two screws **H** attaching the feed motor to f.motor holder. (See Fig.19.)

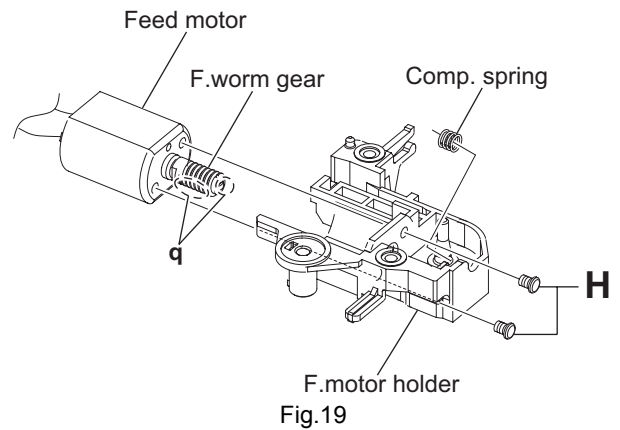
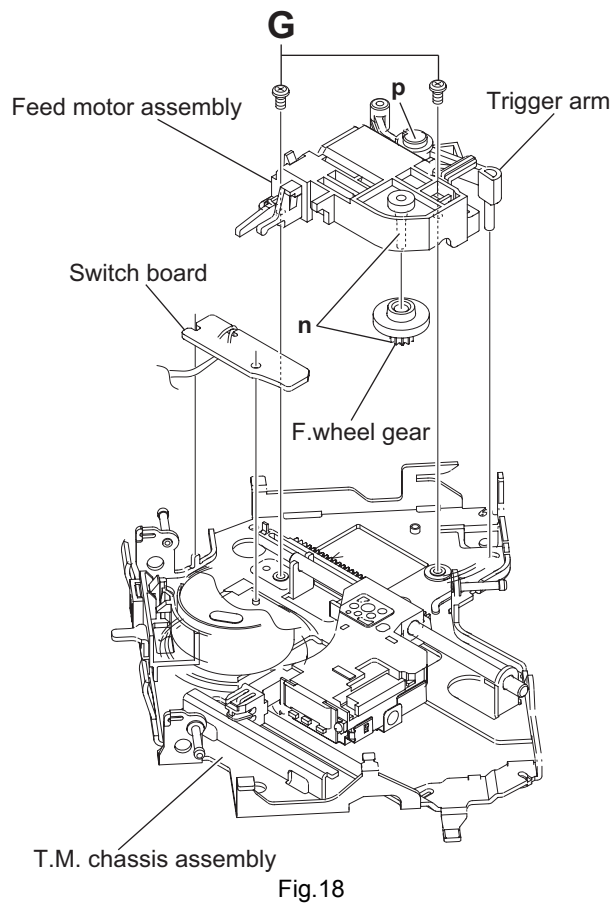
#### Reference:

When attaching the f. wheel gear, trigger arm and feed motor, apply grease to the sections (**n**, **p** and **q**). (See Fig.18 and 19.)

### 3.2.11 Removing the SWITCH BOARD assembly (See Fig.18)

- Remove the MECHANISM CONTROL BOARD assembly, top cover, mechanism section, clamber assembly and feed motor assembly.

From the bottom side of the T.M chassis assembly, take out the SWITCH BOARD assembly in an upward direction from T.M chassis assembly.

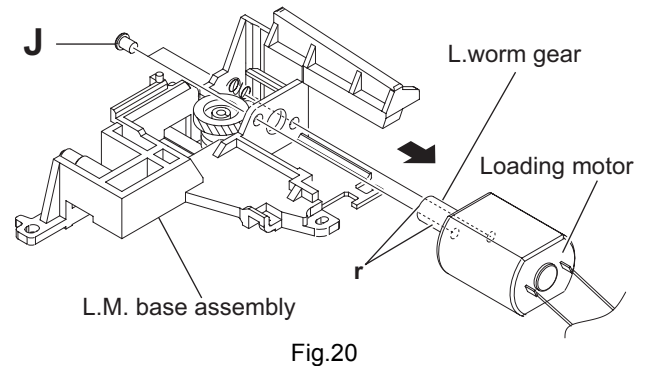


### 3.2.12 Removing the loading motor (See Fig.20)

- Remove the MECHANISM CONTROL BOARD assembly, top cover, mechanism section and clamber assembly.
  - From the right side of the L.M base assembly, remove the two screws **J** attaching the loading motor.
  - Take out the loading motor in the direction of the arrow from the L.M base assembly.

#### Reference:

When attaching the loading motor, apply grease to the section **r**.



### 3.2.13 Removing the pickup assembly (See Fig.21 to 22)

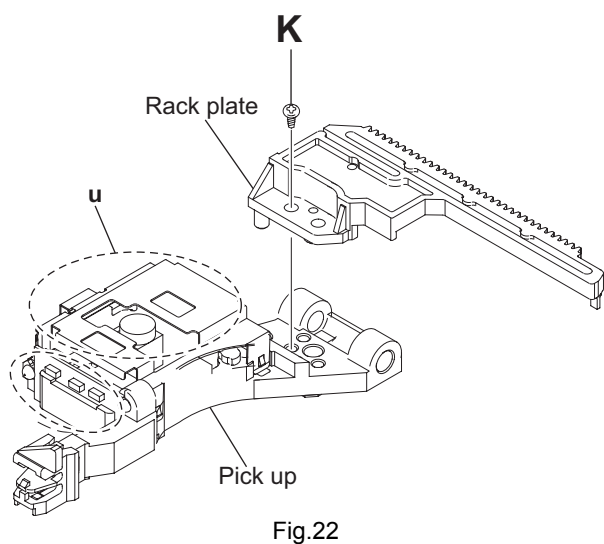
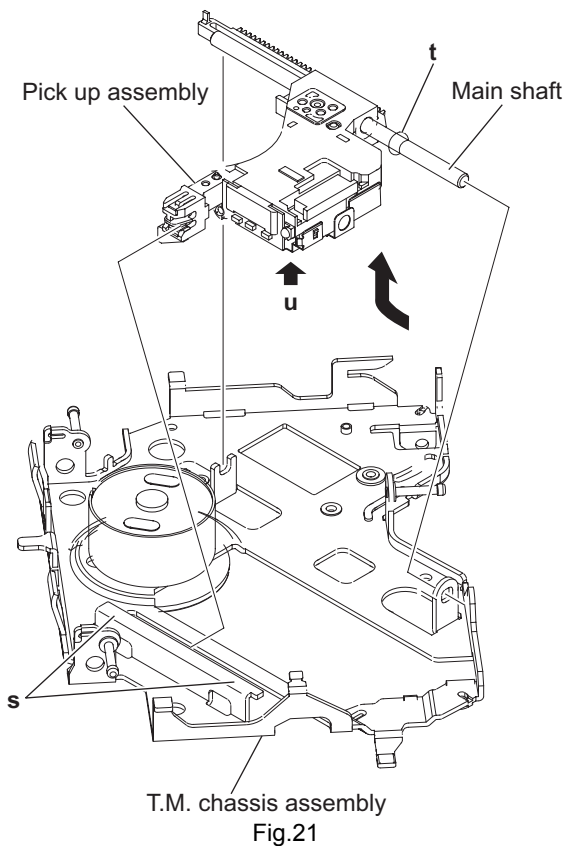
- Remove the MECHANISM CONTROL BOARD assembly, top cover, mechanism section, clamber assembly and feed motor assembly.

#### Caution:

- Do not touch section **u** on the pickup assembly. (See Fig.21 and 22.)
- From the bottom side of the T.M chassis assembly, move the pickup assembly in the direction of the arrow from the T.M chassis assembly. (See Fig.21.)
  - Pull out the main shaft. (See Fig.21.)
  - Remove the screw **K** attaching the pickup to the rack plate. (See Fig.22.)

#### Reference:

When attaching the loading motor, apply grease to the sections **s** and **t**. (See Fig.21.)

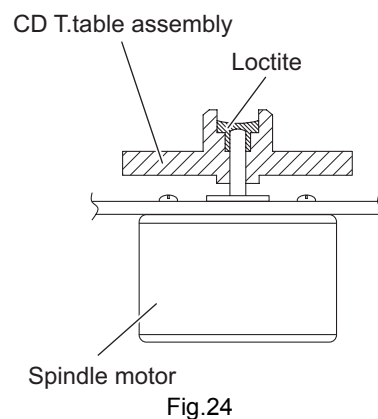
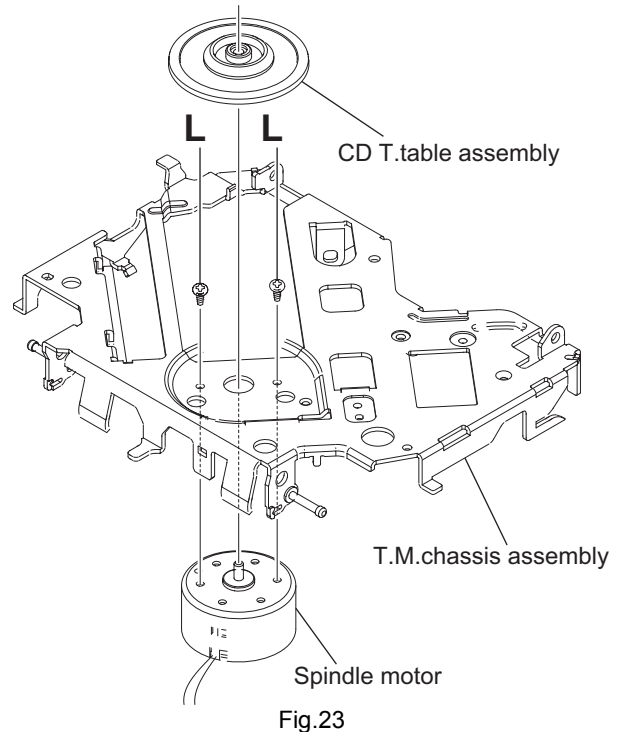


### 3.2.14 Removing the spindle motor (See Fig.23 and 24)

- Remove the MECHANISM CONTROL BOARD assembly, top cover, mechanism section, clamber assembly, feed motor assembly and pickup assembly.
- From the top side of the T.M chassis assembly, remove the CD T.table assembly from the spindle motor. (See Fig.23.)
  - Remove the two screws **L** attaching the spindle motor. (See Fig.23.)
  - Take out the spindle motor from the bottom side of the T.M chassis assembly. (See Fig.23.)

#### Reference:

When attaching the CD T.table assembly to the spindle motor shaft, apply loctite 460 to inside the CD T.table assembly. (See Fig.24.)



## SECTION 4 ADJUSTMENT

### 4.1 Test instruments required for adjustment

- (1) Digital oscilloscope (100MHz)
- (2) Digital tester
- (3) Test Disc
- (4) Extension cable : EXTCD004-28P

### 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 extension cable for adjusting

#### Caution:

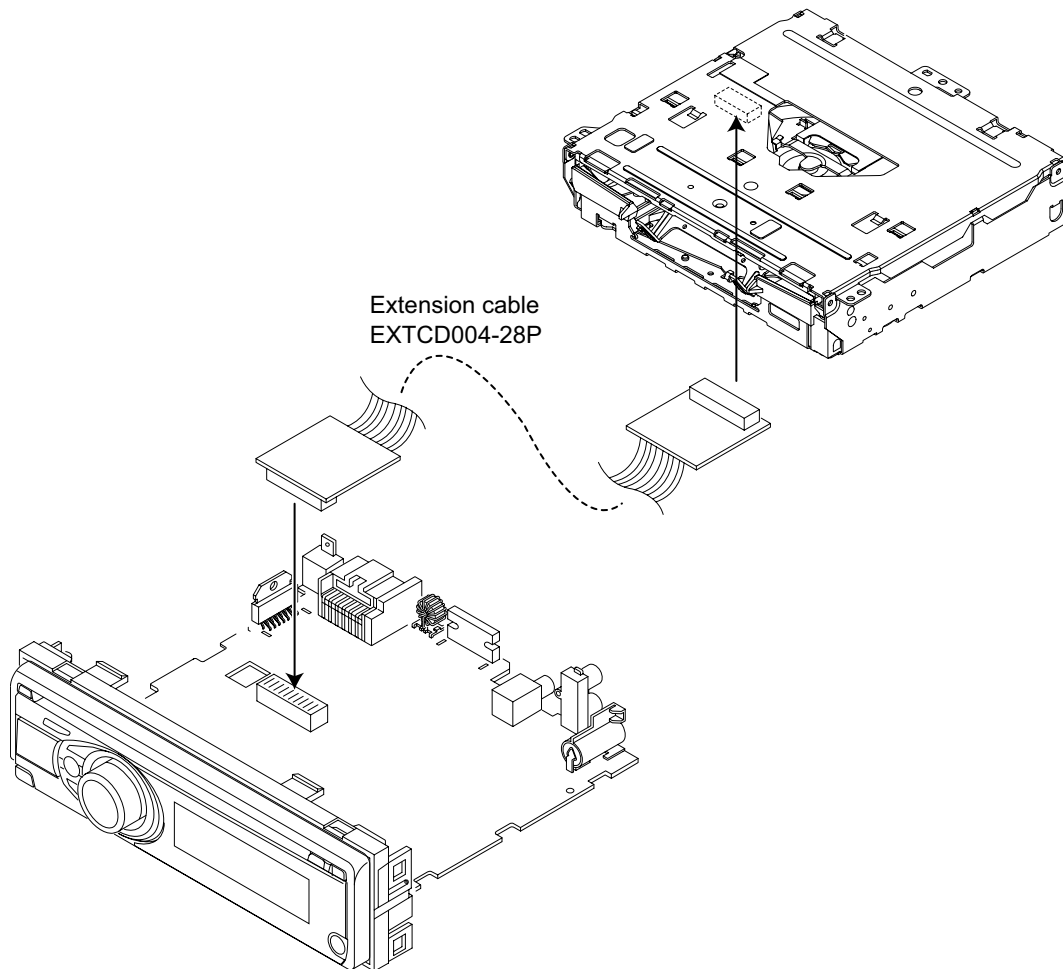
Be sure to attach the heat sink and rear bracket onto the power amplifier IC and regulator IC respectively, before supply the power.  
If voltage is applied without attaching these parts, the power amplifier IC and regulator IC will be destroyed by heat.

### 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.

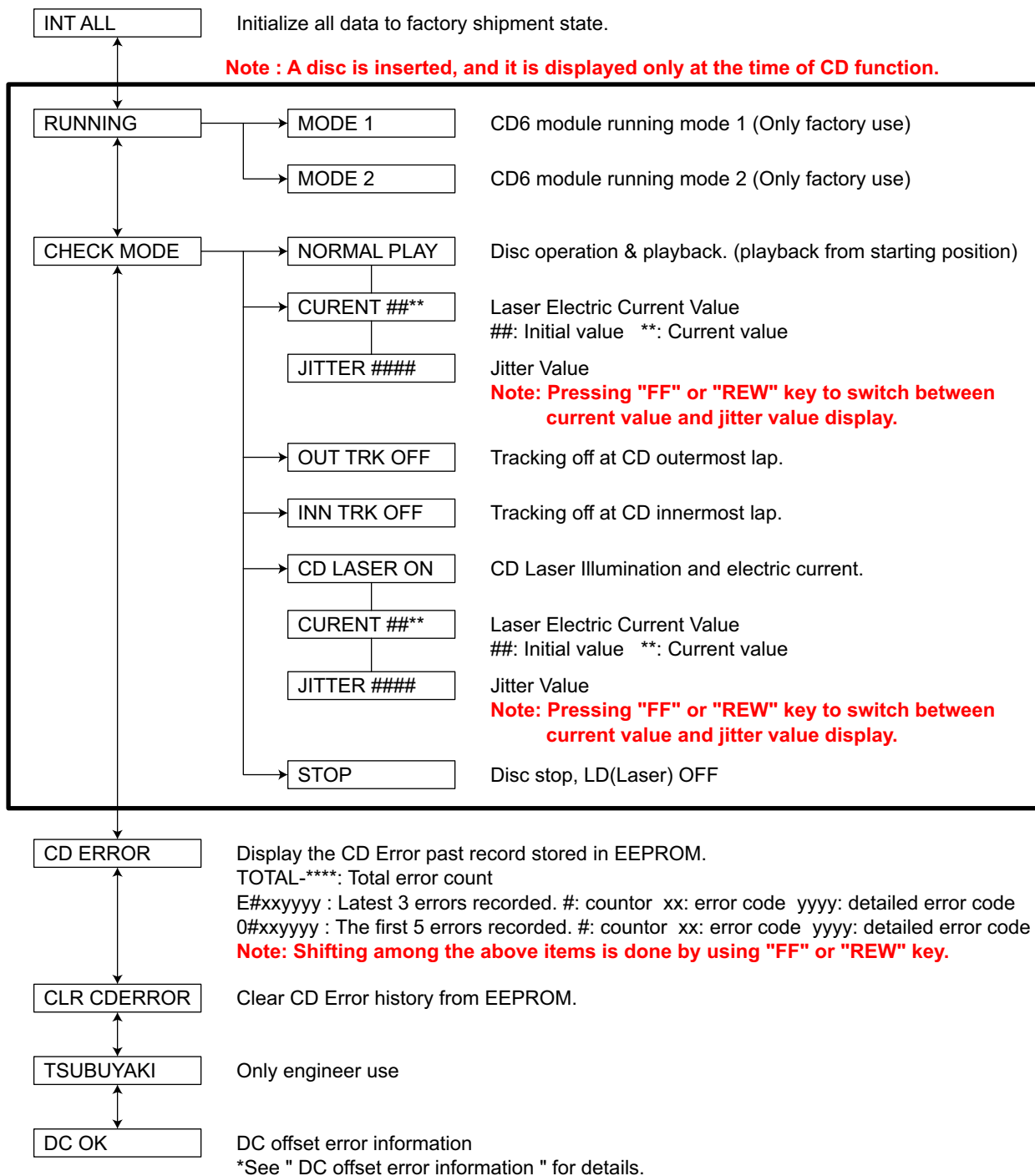


## 4.6 Service Mode

Operating key: [MENU] → [DOWN] (3 sec)

Navigation key : Press [SEL] in any main display item to select that option.

Volume knob turn : forward and backward selection.



### Display indication



- It is possible to return even times how many by reset.

- ( Operation other than the Power on/off, Eject, Reset, and Service mode are prohibited with "PROTECT" lit.

Whether it turns on power and the "PROTECT" display appears are confirmed.

- It is confirmed that reset is pushed and "PROTECT" is not displayed.

If the part displayed as "DC ERROR" becomes "DC OK", it is unquestionable.

- (2-2) When "DC ERROR" is displayed, the confirmation similar to (1-1) and (1-2) is done because there is a history that detected the DC offset error in the past.

## 4.8 Tuner service mode

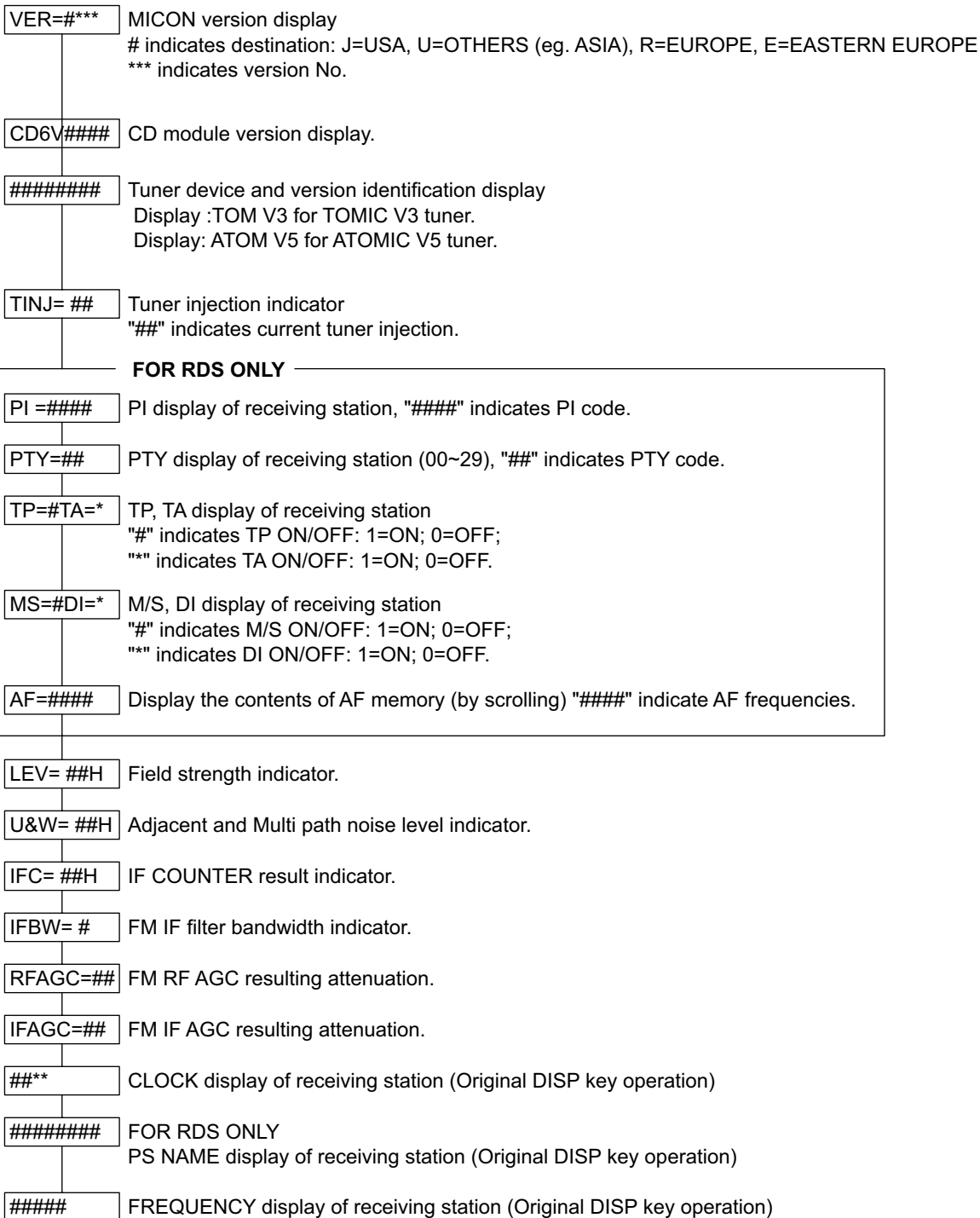
Key operation (FM and AM mode)

Enter service mode: [SEL] → [MENU] (3 sec)

Exit service mode: press [ENTER] (SEL) key.

Go to next item: press [DISP] key

Back to previous item: press [BACK] key



## 4.9 ERROR CODE

### Mechanical Error Detail Codes

| Condition             | Details                                                                                         | Error Code | Detail Code |
|-----------------------|-------------------------------------------------------------------------------------------------|------------|-------------|
| LOADING Error         | Error without SW change in LOAD when time-out is done                                           |            |             |
| B1 Time Out           | When there is no change in the state of the switch from the state with DISC forward.            | 09         | 0011        |
| C1 Time Out           | When there is no change in the state of the switch from the state that DISC is drawn in a half. | 09         | 0012        |
| B2 Time Out           | When there is no change in the state of the switch from the state that DISC is in the interior. | 09         | 0015        |
| EJECT Error           | Error without SW change in EJECT when time-out is done.                                         |            |             |
| B1 Time Out           | When there is no change in the state of the switch from the state that DISC is in the interior. | 01         | 0023        |
| C2 Time Out           | When there is no change in the state of the switch from the state that DISC is drawn in a half. | 01         | 0026        |
| B2 Time Out           | When there is no change in the state of the switch in EJECT from initial LOAD ERROR.            | 01         | 0027        |
| FORCE EJECT Error     | Transition to Force EJECT waiting or Force EJECT transition from error Error by abnormal SW.    |            |             |
| E1 FORCE EJECT ERROR  | When detect abnormal SW from the state of NO DISC                                               | 01         | 0041        |
| E2 FORCE EJECT ERROR  | When detect abnormal SW from the state with DISC forward in LOAD.                               | 01         | 0042        |
| E3 FORCE EJECT ERROR  | When detect abnormal SW from the initial state.                                                 | 01         | 0043        |
| E5 FORCE EJECT ERROR  | When detect abnormal SW from the state that half DISC is drawn in LOAD and EJECT.               | 01         | 0045        |
| E7 FORCE EJECT ERROR  | When detect abnormal SW from the state that DISC is in the interior in LOAD and EJECT.          | 01         | 0047        |
| E8 FORCE EJECT ERROR  | When receive Force EJECT key after it makes an error from Force EJECT.                          | 01         | 0048        |
| E9 FORCE EJECT ERROR  | When receive Force EJECT key after it makes an error from LOAD error or EJECT error.            | 01         | 0049        |
| Error in Running mode |                                                                                                 |            |             |
| Case 1                | When DISC was extracted or fall in EJECT END and EJECT START.                                   | 09         | 0031        |
| Case 2                | When DISC is pushed in EJECT END.                                                               | 09         | 0032        |

### Disc error code

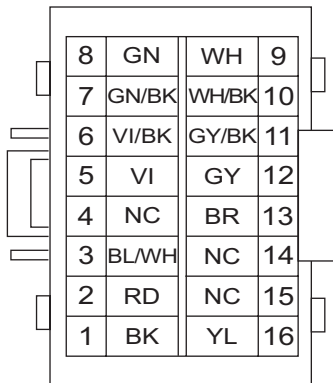
| Condition                  | Details                                                                                                    | Error Code | Detail Code |
|----------------------------|------------------------------------------------------------------------------------------------------------|------------|-------------|
| TOC READING Error          | When it hasn't completed CD TOC reading.                                                                   | 84         | 0059        |
| 1'st track access Error    | It doesn't end even if the first track access passes 30sec after the TOC reading ends in the running mode. | 80         | 0060        |
| Last track access Error    | It doesn't end even if the last track access passes 30sec after the first track ends in the running mode.  | 80         | 0061        |
| NODISC judgement           | It be judged NODISC.                                                                                       | 80         | 0090        |
| NO DISC with start failure | Not possible to start.                                                                                     | 80         | 0091        |
| Stopped with no playback   | When it was stopped in playback in the running mode.                                                       | 80         | 0093        |
| Logical format NG          | Analysis of logical format is impossible or it does not correspond to logical formats.                     | 80         | 0094        |

# SECTION 5

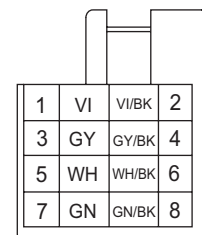
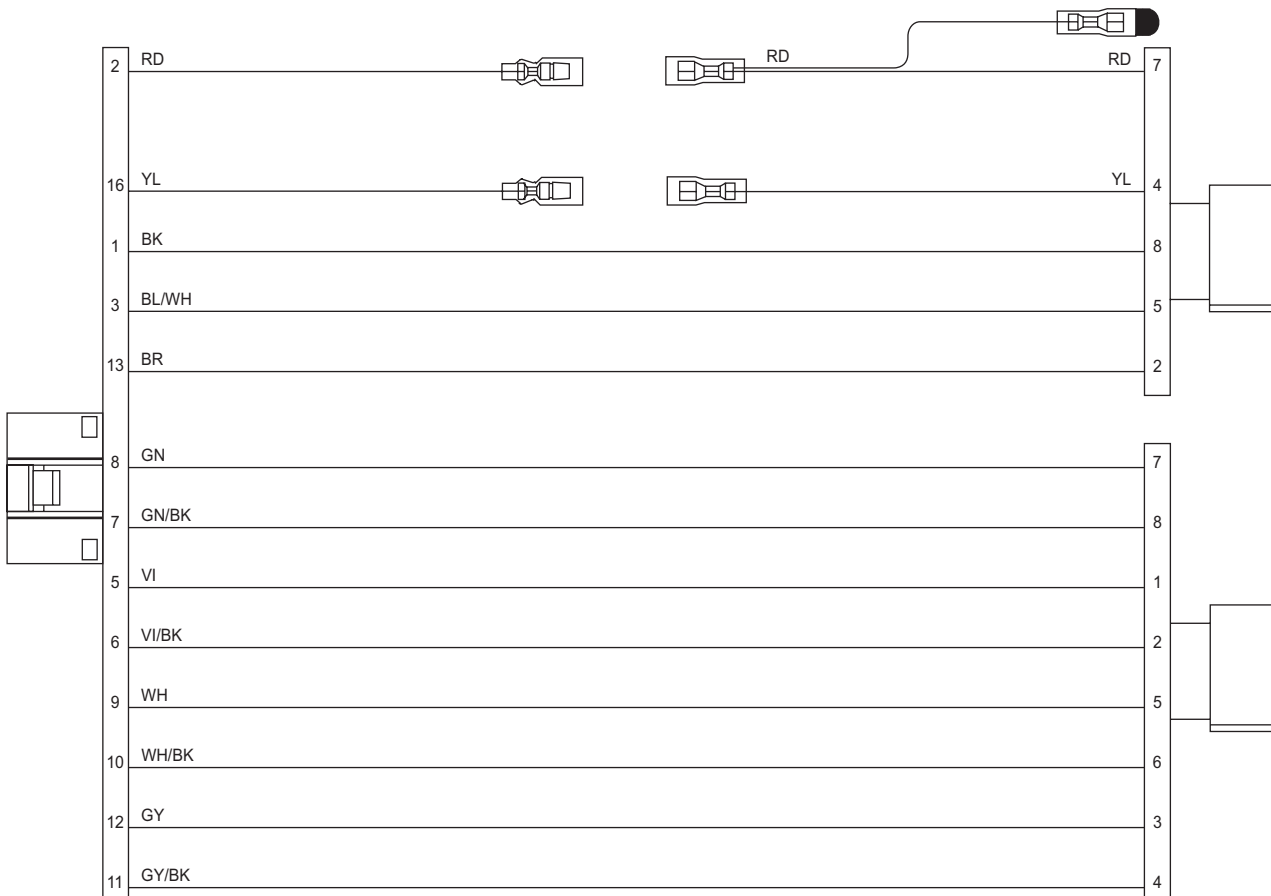
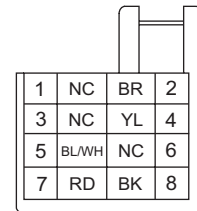
## TROUBLESHOOTING

### 5.1 16 PIN CORD DIAGRAM

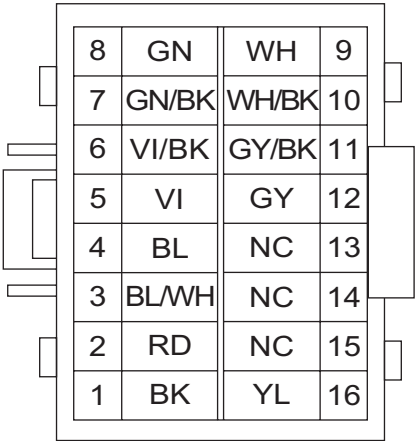
(1) For KD-R35, KD-R38, KD-R411, KD-R412, KD-R417



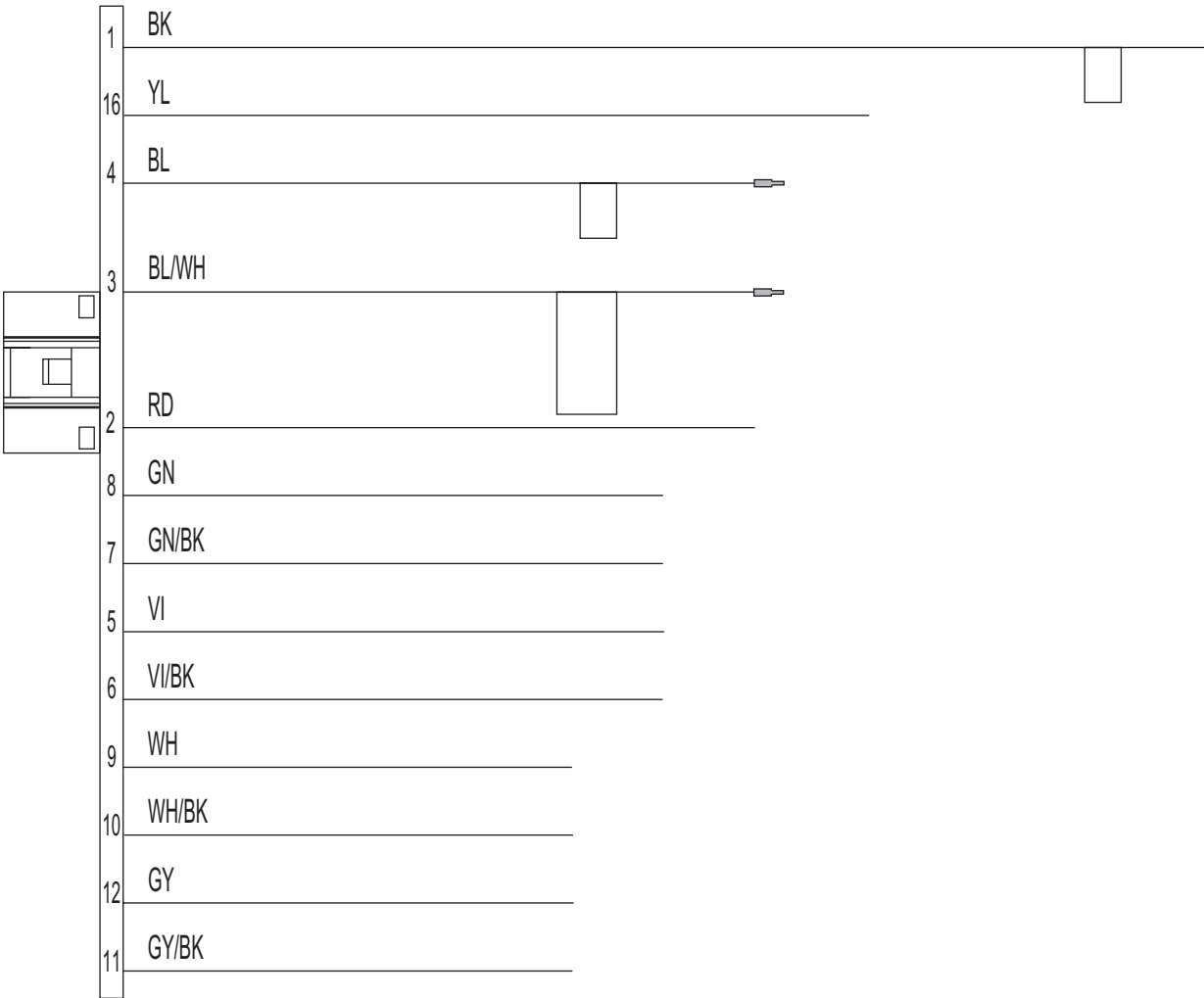
|    |        |    |        |
|----|--------|----|--------|
| BK | Black  | GN | Green  |
| RD | Red    | GY | Gray   |
| BL | Blue   | BR | Brown  |
| WH | White  | YL | Yellow |
| VI | Violet |    |        |



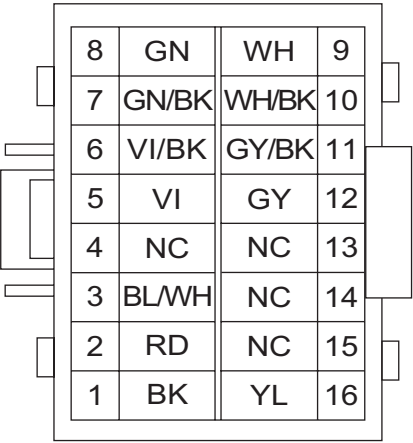
(2) For KD-R414, KD-R415, KD-R416, KD-R418UF



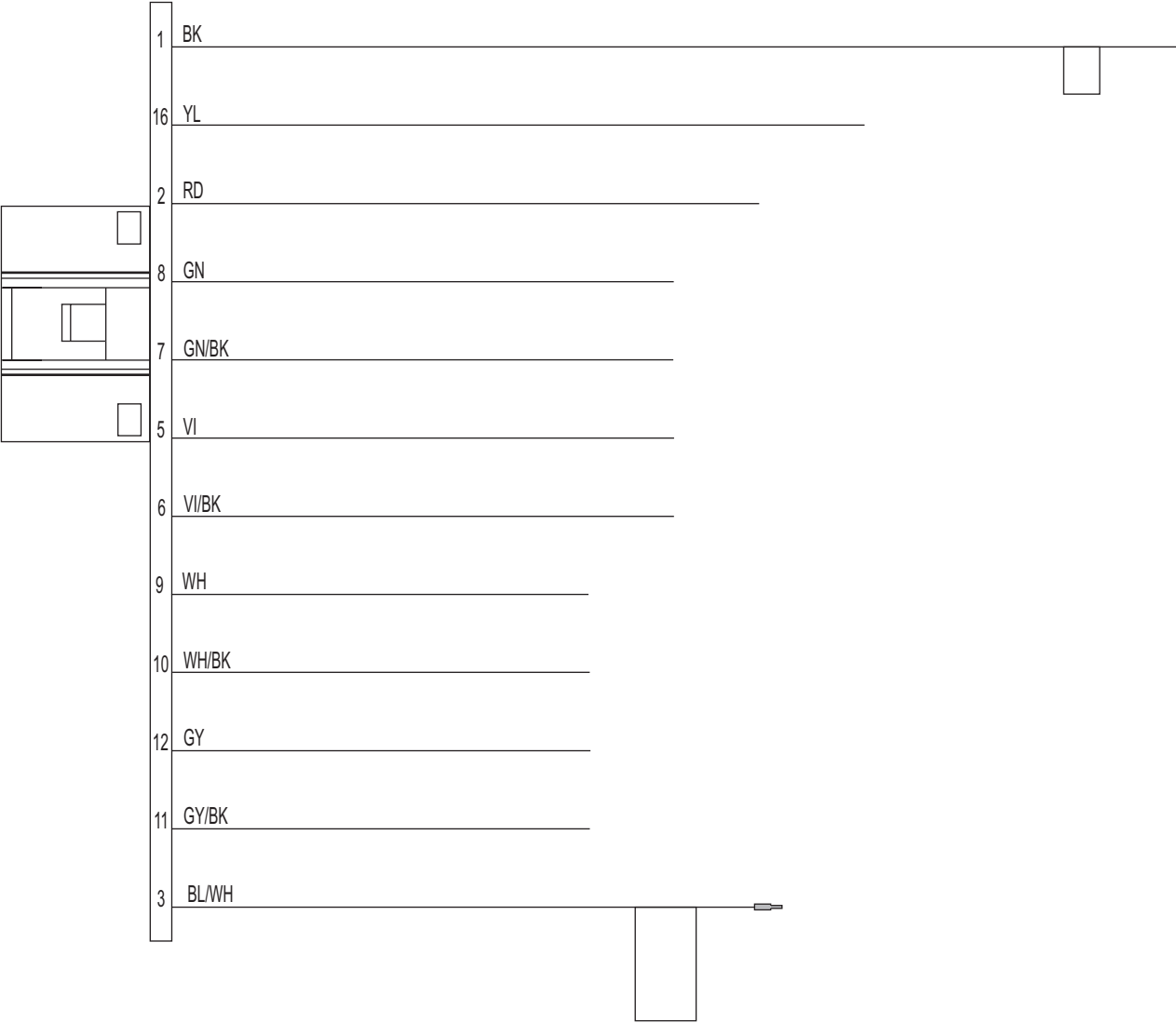
|    |       |    |        |
|----|-------|----|--------|
| BK | Black | VI | Violet |
| RD | Red   | GN | Green  |
| BL | Blue  | GY | Gray   |
| WH | White | YL | Yellow |



(3) For KD-R418J, KD-S27J



|    |       |    |        |
|----|-------|----|--------|
| BK | Black | VI | Violet |
| RD | Red   | GN | Green  |
| BL | Blue  | GY | Gray   |
| WH | White | YL | Yellow |



(4) For KD-R416S

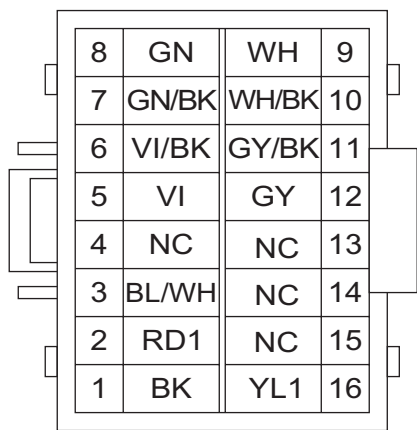
|   |       |       |    |
|---|-------|-------|----|
| 8 | GN    | WH    | 9  |
| 7 | GN/BK | WH/BK | 10 |
| 6 | VI/BK | GY/BK | 11 |
| 5 | VI    | GY    | 12 |
| 4 | BL    | NC    | 13 |
| 3 | BL/WH | NC    | 14 |
| 2 | RD    | NC    | 15 |
| 1 | BK    | YL    | 16 |

|    |        |
|----|--------|
| BK | Black  |
| RD | Red    |
| BL | Blue   |
| VI | Violet |
| GN | Green  |
| WH | White  |
| GY | Gray   |
| YL | Yellow |

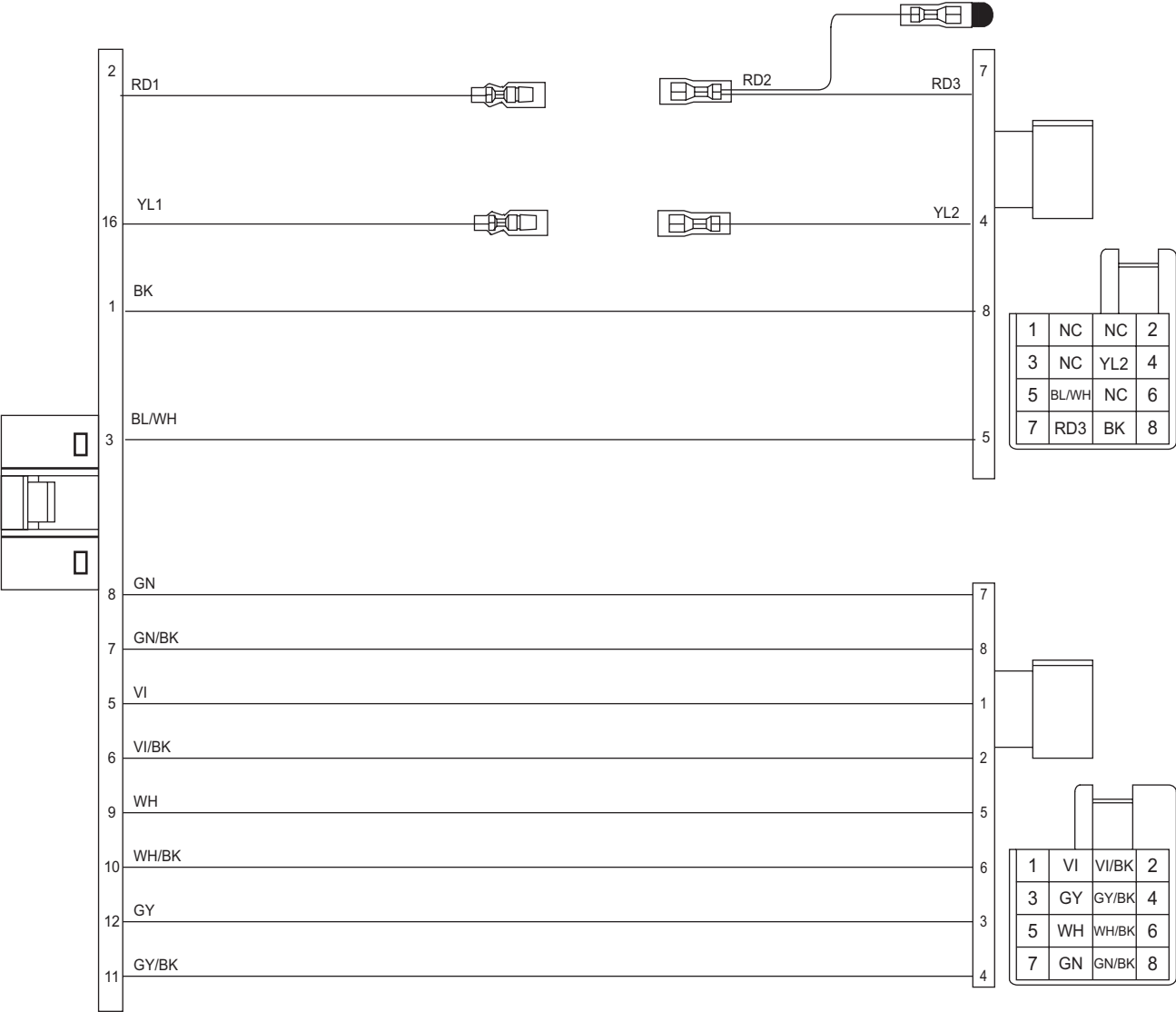
|    |       |       |    |
|----|-------|-------|----|
| 20 | BK    | YL    | 10 |
| 19 | NC    | NC    | 9  |
| 18 | WH/BK | WH    | 8  |
| 17 | GY/BK | GY    | 7  |
| 16 | GN/BK | GN    | 6  |
| 15 | VI/BK | VI    | 5  |
| 14 | NC    | NC    | 4  |
| 13 | NC    | NC    | 3  |
| 12 | NC    | RD    | 2  |
| 11 | NC    | BL/WH | 1  |

|    |         |    |
|----|---------|----|
| 1  | BK      | 20 |
| 16 | YL      | 10 |
| 2  | RD      | 2  |
| 4  | BL      | 9  |
| 3  | BL / WH | 1  |
| 9  | WH      | 8  |
| 10 | WH / BK | 18 |
| 8  | GN      | 6  |
| 7  | GN / BK | 16 |
| 5  | VI      | 5  |
| 6  | VI / BK | 15 |
| 12 | GY      | 7  |
| 11 | GY / BK | 17 |

(5) For KD-R419



|    |       |    |        |
|----|-------|----|--------|
| BK | Black | VI | Violet |
| RD | Red   | GN | Green  |
| BL | Blue  | GY | Gray   |
| WH | White | YL | Yellow |







Victor Company of Japan, Limited  
Mobile Entertainment Division 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan



# SCHEMATIC DIAGRAMS

## CD RECEIVER

|           |           |            |
|-----------|-----------|------------|
| KD-R35E   | KD-R35EY  | KD-R38EE   |
| KD-R411E  | KD-R411EY | KD-R411EU  |
| KD-R412E  | KD-R412EY | KD-R412EU  |
| KD-R414UI | KD-R415U  | KD-R415UN  |
| KD-R415UT | KD-R415UH | KD-R415UW  |
| KD-R416U  | KD-R416UN | KD-R416UT  |
| KD-R416UH | KD-R416UW | KD-R417EE  |
| KD-R418J  | KD-R418UF | KD-R416SUN |
|           | KD-R419UR | KD-S27J    |

## ■ 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

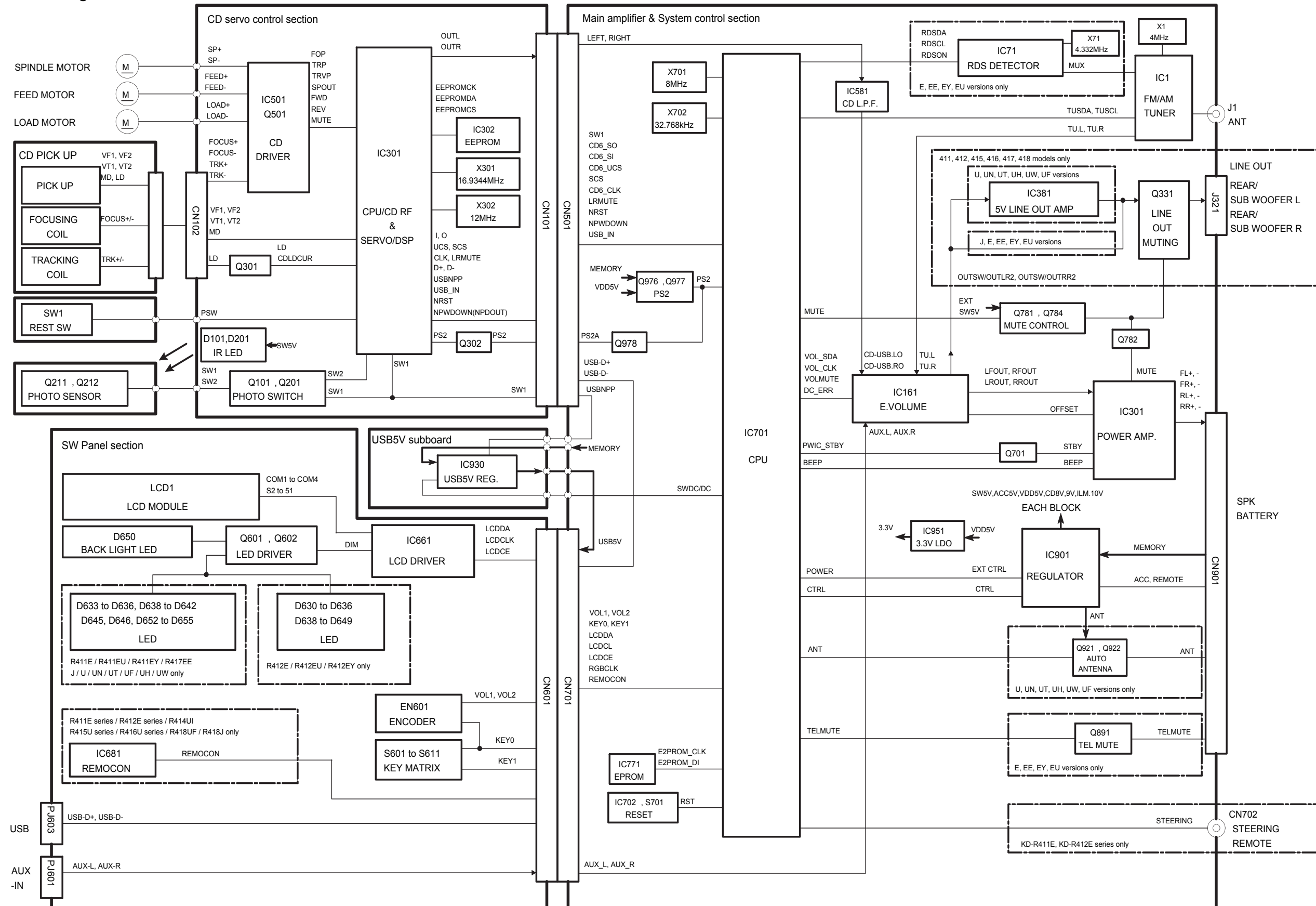
Certain parts of the power circuits and the GNDs differ according to the models. Care must be taken for the following points as the differences are indicated separately in the LIVE GND () and the ISOLATED (NEUTRAL) GND (.

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.

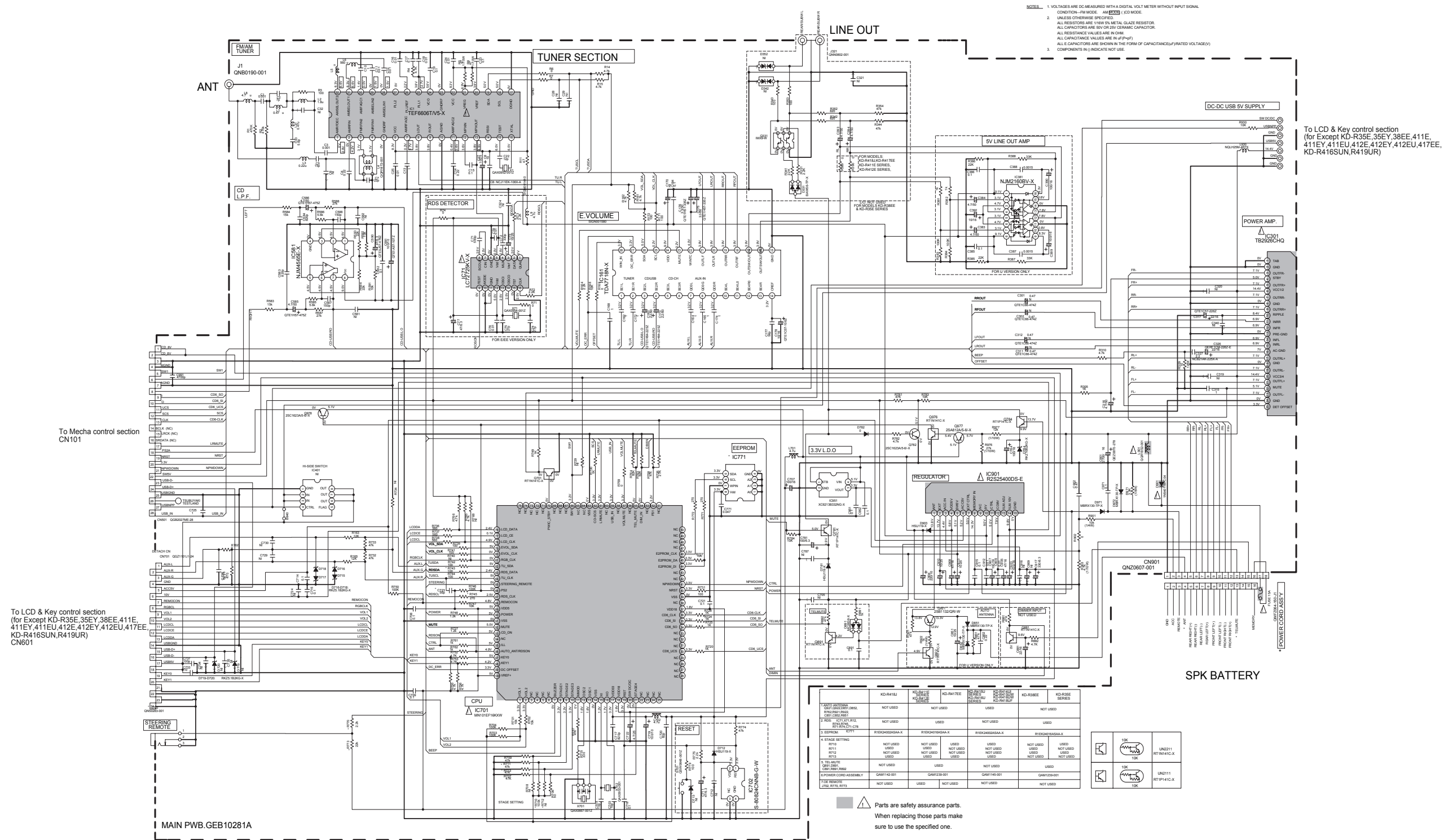
## ■ DEVIATION TOLERANCE RANGE

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

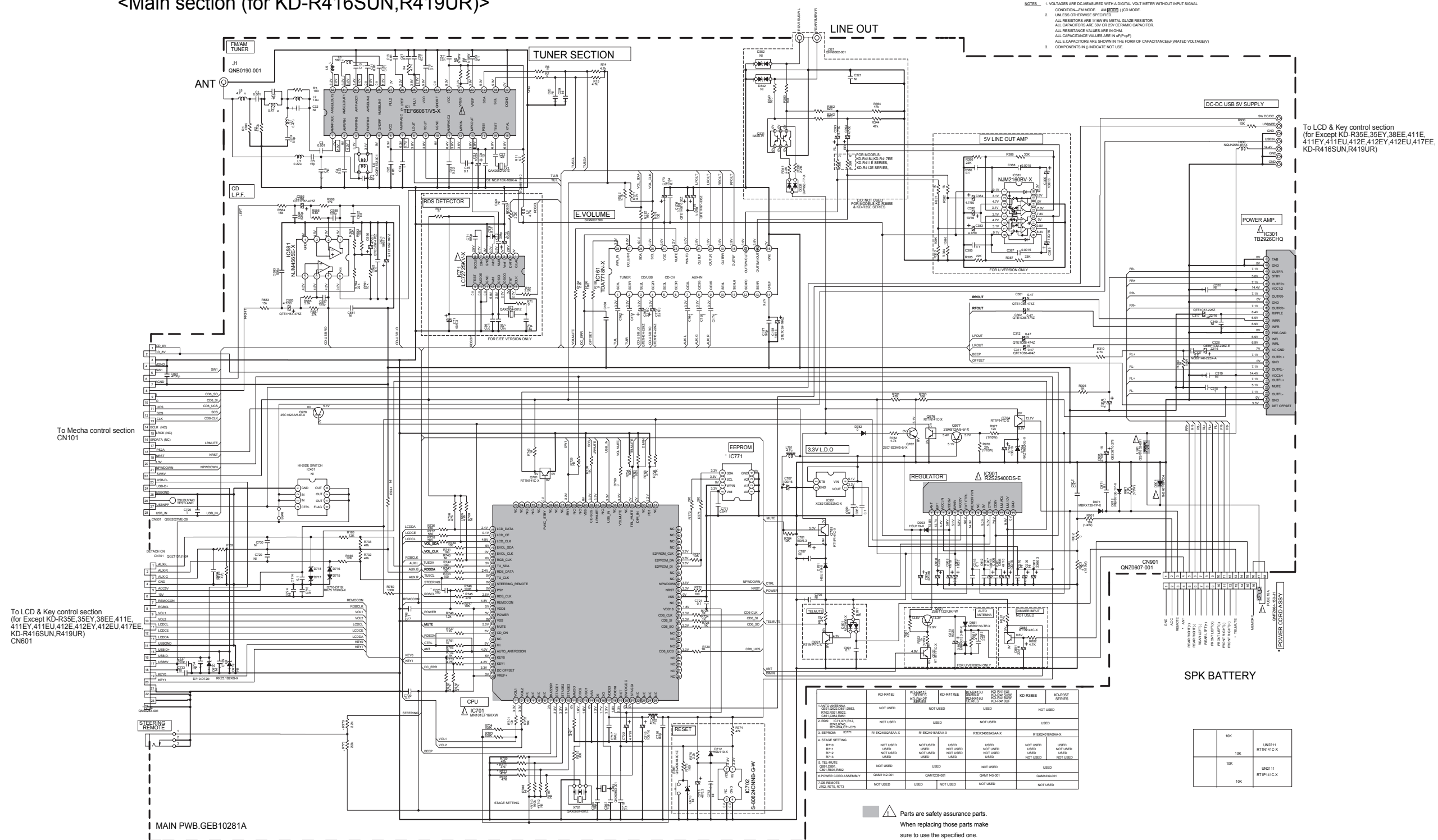
### Block diagram



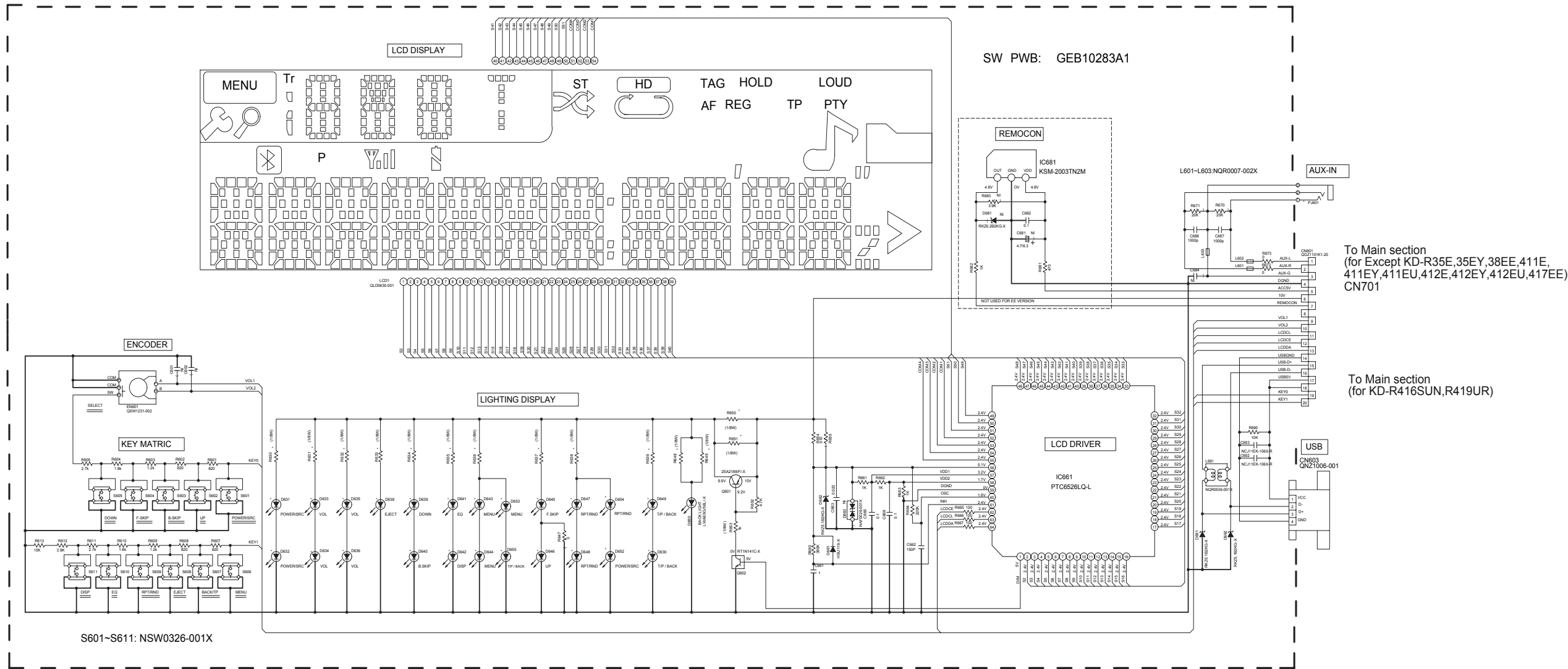
<Main section (for Except KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE)>



<Main section (for KD-R416SUN,R419UR)>

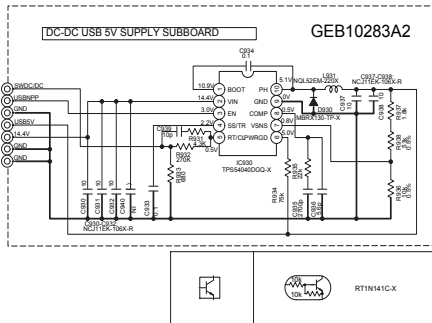


<LCD & Key control section (for Except KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE,KD-R416SUN,R419UR)>



To Main section  
(for Except KD-R35E,35EY,38EE,411E,  
411EY,411EU,412E,412EY,412EU,417EE)

To Main section  
(for KD-R416SUN,R419UR)

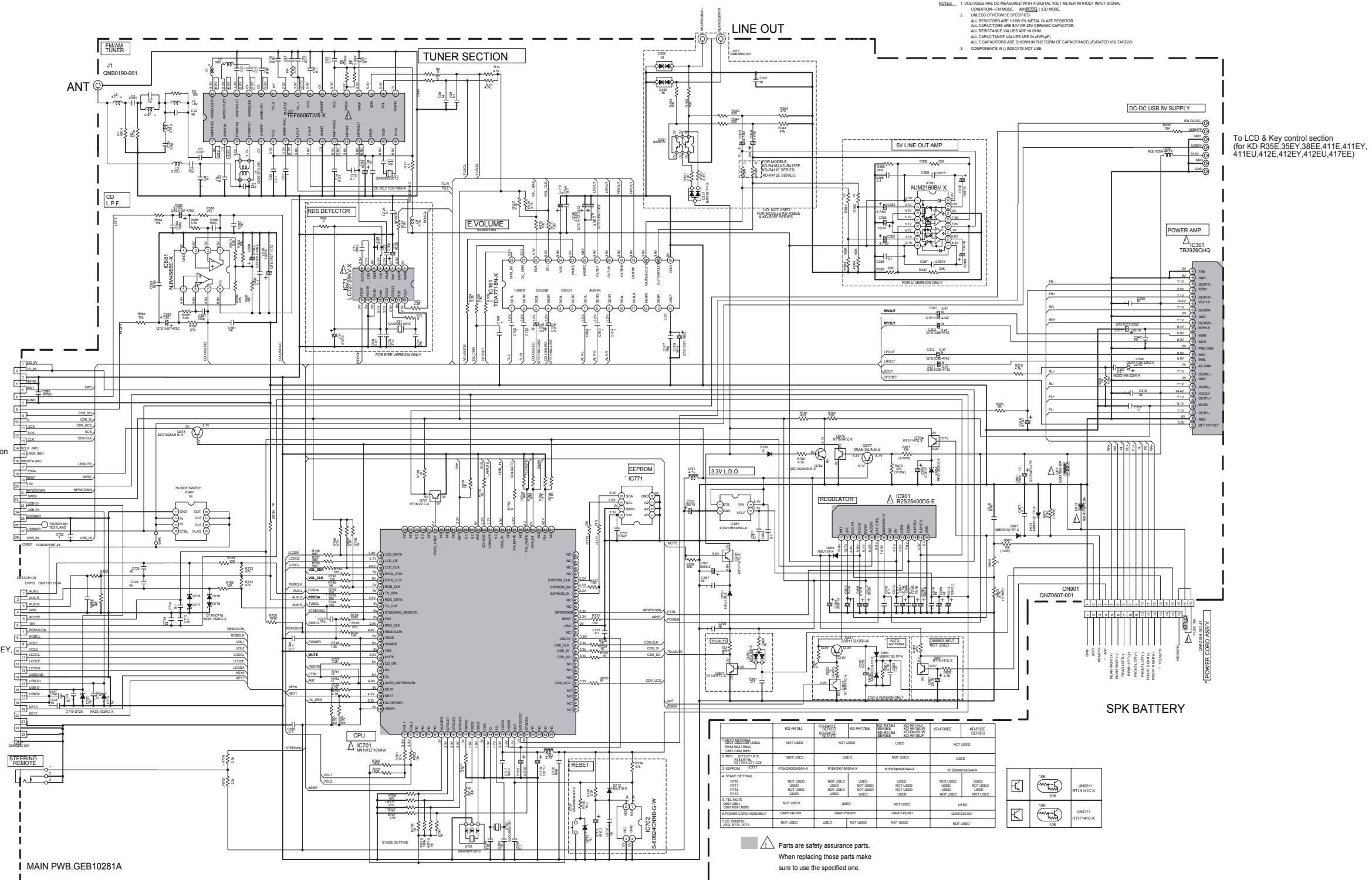


\* REMARKS:

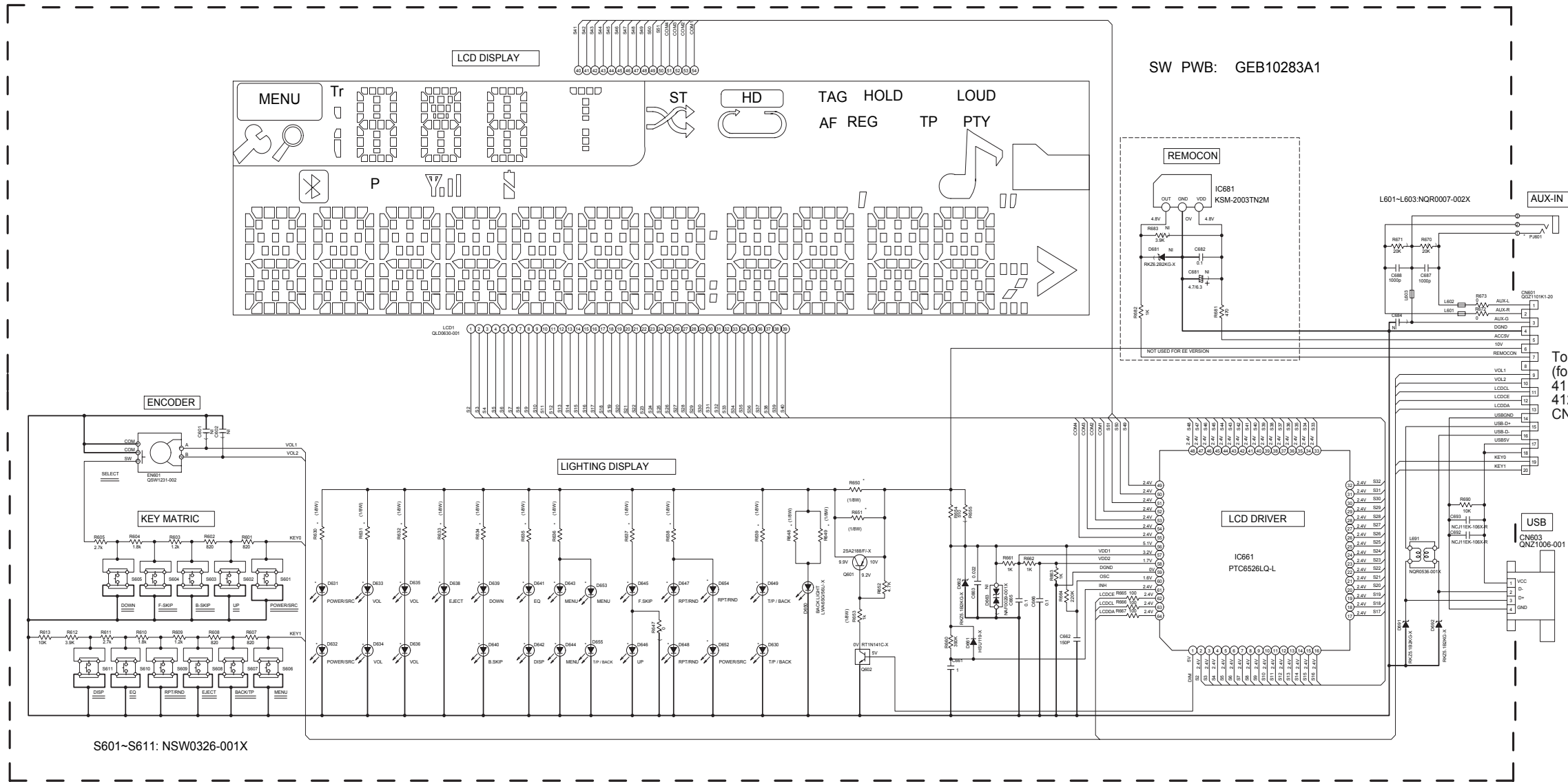
| LED              | D633 ~ D636<br>D639 ~ D640<br>D643 ~ D645                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LH0374LM-X | LSQ871ML-X  | LSQ871ML-X  |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|-------------|
| LED BRIGHTNESS   | D637 ~ D638<br>D641 ~ D642<br>D643 ~ D644<br>D645 ~ D646                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NOT IN USE | NOT IN USE  | LSQ871ML-X  |
| DIMMER CIRCUITRY | D631 ~ D632<br>D633 ~ D634<br>D635 ~ D636<br>D637 ~ D638<br>D639 ~ D640<br>D641 ~ D642<br>D643 ~ D644<br>D645 ~ D646<br>D647 ~ D648<br>D649 ~ D650<br>D651 ~ D652<br>D653 ~ D654<br>D655 ~ D656<br>D657 ~ D658<br>D659 ~ D660<br>D661 ~ D662<br>D663 ~ D664<br>D665 ~ D666<br>D667 ~ D668<br>D669 ~ D670<br>D671 ~ D672<br>D673 ~ D674<br>D675 ~ D676<br>D677 ~ D678<br>D679 ~ D680<br>D681 ~ D682<br>D683 ~ D684<br>D685 ~ D686<br>D687 ~ D688<br>D689 ~ D690<br>D691 ~ D692<br>D693 ~ D694<br>D695 ~ D696<br>D697 ~ D698<br>D699 ~ D700<br>D701 ~ D702<br>D703 ~ D704<br>D705 ~ D706<br>D707 ~ D708<br>D709 ~ D710<br>D711 ~ D712<br>D713 ~ D714<br>D715 ~ D716<br>D717 ~ D718<br>D719 ~ D720<br>D721 ~ D722<br>D723 ~ D724<br>D725 ~ D726<br>D727 ~ D728<br>D729 ~ D730<br>D731 ~ D732<br>D733 ~ D734<br>D735 ~ D736<br>D737 ~ D738<br>D739 ~ D740<br>D741 ~ D742<br>D743 ~ D744<br>D745 ~ D746<br>D747 ~ D748<br>D749 ~ D750<br>D751 ~ D752<br>D753 ~ D754<br>D755 ~ D756<br>D757 ~ D758<br>D759 ~ D760<br>D761 ~ D762<br>D763 ~ D764<br>D765 ~ D766<br>D767 ~ D768<br>D769 ~ D770<br>D771 ~ D772<br>D773 ~ D774<br>D775 ~ D776<br>D777 ~ D778<br>D779 ~ D780<br>D781 ~ D782<br>D783 ~ D784<br>D785 ~ D786<br>D787 ~ D788<br>D789 ~ D790<br>D791 ~ D792<br>D793 ~ D794<br>D795 ~ D796<br>D797 ~ D798<br>D799 ~ D800<br>D801 ~ D802<br>D803 ~ D804<br>D805 ~ D806<br>D807 ~ D808<br>D809 ~ D810<br>D811 ~ D812<br>D813 ~ D814<br>D815 ~ D816<br>D817 ~ D818<br>D819 ~ D820<br>D821 ~ D822<br>D823 ~ D824<br>D825 ~ D826<br>D827 ~ D828<br>D829 ~ D830<br>D831 ~ D832<br>D833 ~ D834<br>D835 ~ D836<br>D837 ~ D838<br>D839 ~ D840<br>D841 ~ D842<br>D843 ~ D844<br>D845 ~ D846<br>D847 ~ D848<br>D849 ~ D850<br>D851 ~ D852<br>D853 ~ D854<br>D855 ~ D856<br>D857 ~ D858<br>D859 ~ D860<br>D861 ~ D862<br>D863 ~ D864<br>D865 ~ D866<br>D867 ~ D868<br>D869 ~ D870<br>D871 ~ D872<br>D873 ~ D874<br>D875 ~ D876<br>D877 ~ D878<br>D879 ~ D880<br>D881 ~ D882<br>D883 ~ D884<br>D885 ~ D886<br>D887 ~ D888<br>D889 ~ D890<br>D891 ~ D892<br>D893 ~ D894<br>D895 ~ D896<br>D897 ~ D898<br>D899 ~ D900<br>D901 ~ D902<br>D903 ~ D904<br>D905 ~ D906<br>D907 ~ D908<br>D909 ~ D910<br>D911 ~ D912<br>D913 ~ D914<br>D915 ~ D916<br>D917 ~ D918<br>D919 ~ D920<br>D921 ~ D922<br>D923 ~ D924<br>D925 ~ D926<br>D927 ~ D928<br>D929 ~ D930<br>D931 ~ D932<br>D933 ~ D934<br>D935 ~ D936<br>D937 ~ D938<br>D939 ~ D940<br>D941 ~ D942<br>D943 ~ D944<br>D945 ~ D946<br>D947 ~ D948<br>D949 ~ D950<br>D951 ~ D952<br>D953 ~ D954<br>D955 ~ D956<br>D957 ~ D958<br>D959 ~ D960<br>D961 ~ D962<br>D963 ~ D964<br>D965 ~ D966<br>D967 ~ D968<br>D969 ~ D970<br>D971 ~ D972<br>D973 ~ D974<br>D975 ~ D976<br>D977 ~ D978<br>D979 ~ D980<br>D981 ~ D982<br>D983 ~ D984<br>D985 ~ D986<br>D987 ~ D988<br>D989 ~ D990<br>D991 ~ D992<br>D993 ~ D994<br>D995 ~ D996<br>D997 ~ D998<br>D999 ~ D1000 | 470        | 470         | 470         |
| AUX JACK         | FJ601                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CN602-001  | QLS0279-001 | QLS0279-001 |

- 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 μF(pF).  
ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE/(PATED VOLTAGE(V)).  
T = TANTALUM CAPACITOR.
  - COMPONENTS IN ( ) INDICATE NOT USE.

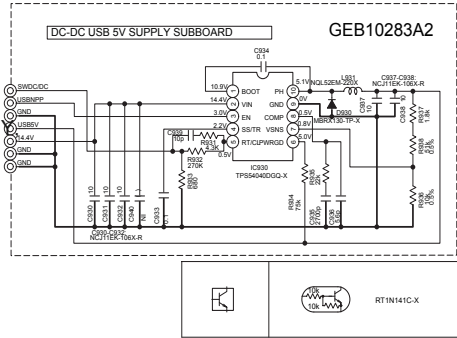
<Main section (for KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE)>



<LCD & Key control section (for KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE)>



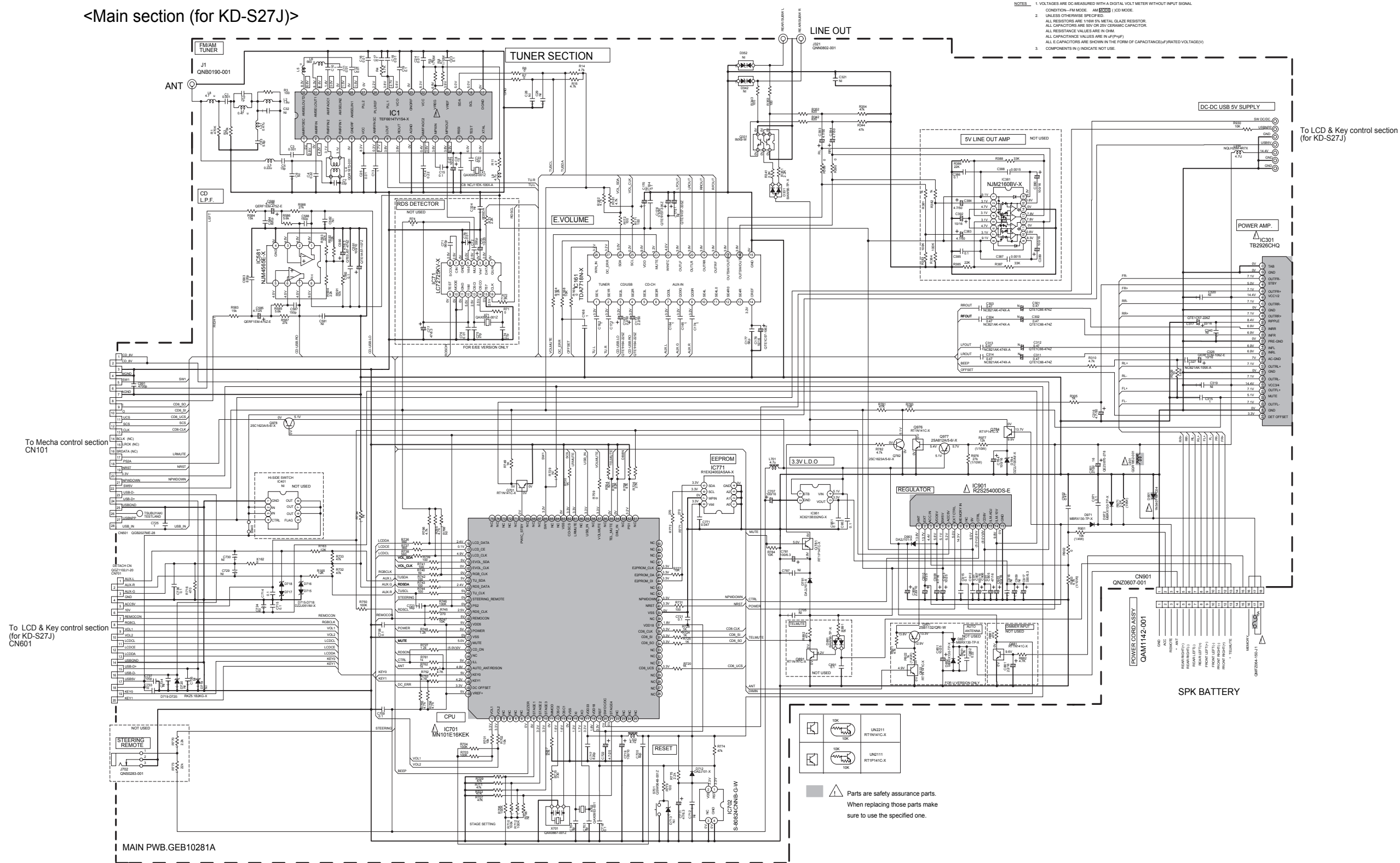
To Main section  
(for KD-R35E,35EY,38EE,411E,411EY,  
411EU,412E,412EY,412EU,417EE)



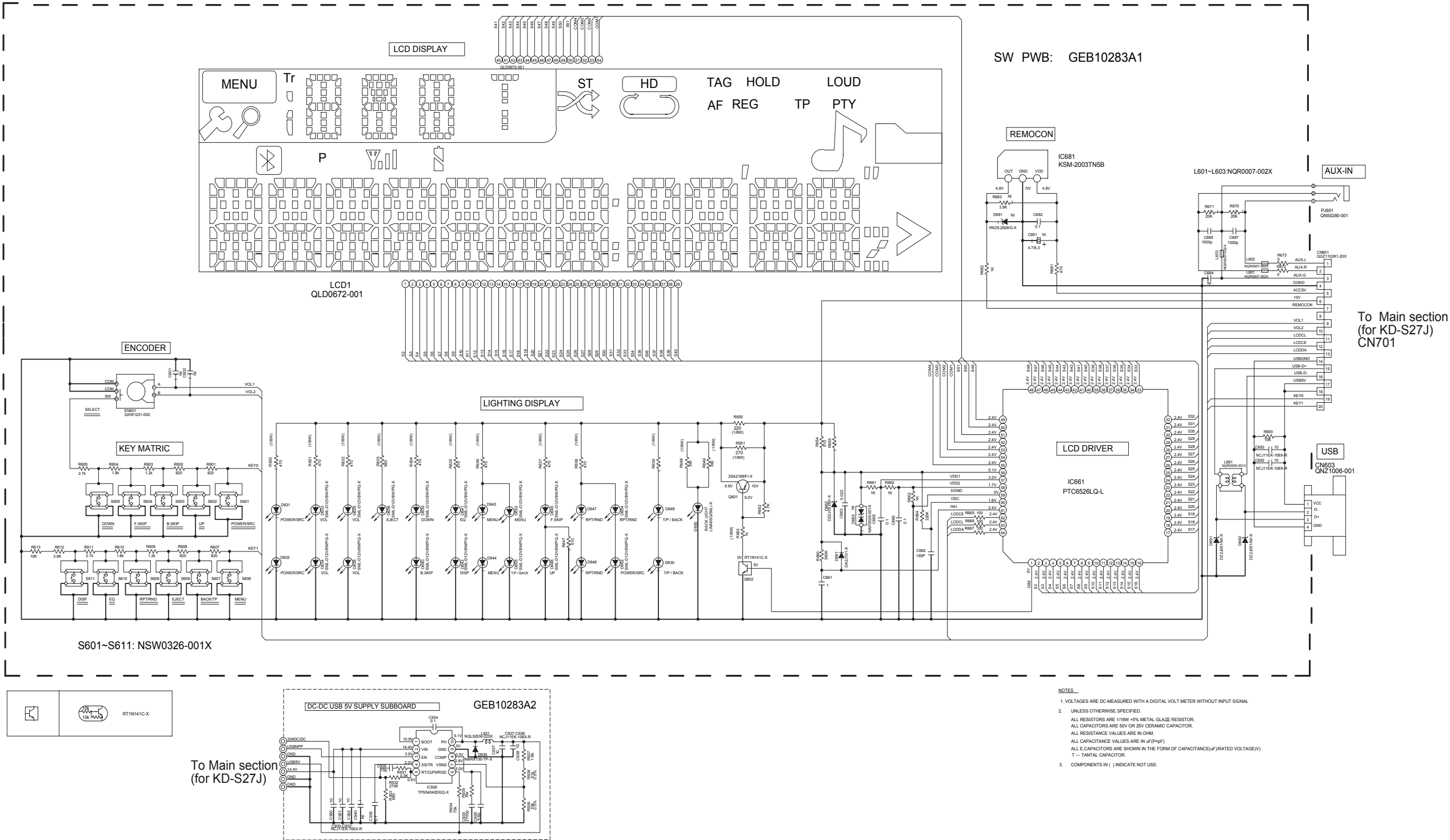
| * REMARKS:       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |             |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| LED              | D633 ~ D636<br>D639 ~ D640<br>D645 ~ D646<br>D650 ~ D652<br>D643 ~ D644<br>D647 ~ D648                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LH0874LM-X  | LSQ871ML-X  |
|                  | D639 ~ D640<br>D641 ~ D642<br>D651 ~ D652<br>D653 ~ D654<br>D655 ~ D656<br>D657 ~ D658<br>D659 ~ D660<br>D661 ~ D662<br>D663 ~ D664<br>D665 ~ D666<br>D667 ~ D668<br>D669 ~ D670<br>D671 ~ D672<br>D673 ~ D674<br>D675 ~ D676<br>D677 ~ D678<br>D679 ~ D680<br>D681 ~ D682<br>D683 ~ D684<br>D685 ~ D686<br>D687 ~ D688<br>D689 ~ D690<br>D691 ~ D692<br>D693 ~ D694<br>D695 ~ D696<br>D697 ~ D698<br>D699 ~ D700<br>D701 ~ D702<br>D703 ~ D704<br>D705 ~ D706<br>D707 ~ D708<br>D709 ~ D710<br>D711 ~ D712<br>D713 ~ D714<br>D715 ~ D716<br>D717 ~ D718<br>D719 ~ D720<br>D721 ~ D722<br>D723 ~ D724<br>D725 ~ D726<br>D727 ~ D728<br>D729 ~ D730<br>D731 ~ D732<br>D733 ~ D734<br>D735 ~ D736<br>D737 ~ D738<br>D739 ~ D740<br>D741 ~ D742<br>D743 ~ D744<br>D745 ~ D746<br>D747 ~ D748<br>D749 ~ D750<br>D751 ~ D752<br>D753 ~ D754<br>D755 ~ D756<br>D757 ~ D758<br>D759 ~ D760<br>D761 ~ D762<br>D763 ~ D764<br>D765 ~ D766<br>D767 ~ D768<br>D769 ~ D770<br>D771 ~ D772<br>D773 ~ D774<br>D775 ~ D776<br>D777 ~ D778<br>D779 ~ D780<br>D781 ~ D782<br>D783 ~ D784<br>D785 ~ D786<br>D787 ~ D788<br>D789 ~ D790<br>D791 ~ D792<br>D793 ~ D794<br>D795 ~ D796<br>D797 ~ D798<br>D799 ~ D800<br>D801 ~ D802<br>D803 ~ D804<br>D805 ~ D806<br>D807 ~ D808<br>D809 ~ D810<br>D811 ~ D812<br>D813 ~ D814<br>D815 ~ D816<br>D817 ~ D818<br>D819 ~ D820<br>D821 ~ D822<br>D823 ~ D824<br>D825 ~ D826<br>D827 ~ D828<br>D829 ~ D830<br>D831 ~ D832<br>D833 ~ D834<br>D835 ~ D836<br>D837 ~ D838<br>D839 ~ D840<br>D841 ~ D842<br>D843 ~ D844<br>D845 ~ D846<br>D847 ~ D848<br>D849 ~ D850<br>D851 ~ D852<br>D853 ~ D854<br>D855 ~ D856<br>D857 ~ D858<br>D859 ~ D860<br>D861 ~ D862<br>D863 ~ D864<br>D865 ~ D866<br>D867 ~ D868<br>D869 ~ D870<br>D871 ~ D872<br>D873 ~ D874<br>D875 ~ D876<br>D877 ~ D878<br>D879 ~ D880<br>D881 ~ D882<br>D883 ~ D884<br>D885 ~ D886<br>D887 ~ D888<br>D889 ~ D890<br>D891 ~ D892<br>D893 ~ D894<br>D895 ~ D896<br>D897 ~ D898<br>D899 ~ D900<br>D901 ~ D902<br>D903 ~ D904<br>D905 ~ D906<br>D907 ~ D908<br>D909 ~ D910<br>D911 ~ D912<br>D913 ~ D914<br>D915 ~ D916<br>D917 ~ D918<br>D919 ~ D920<br>D921 ~ D922<br>D923 ~ D924<br>D925 ~ D926<br>D927 ~ D928<br>D929 ~ D930<br>D931 ~ D932<br>D933 ~ D934<br>D935 ~ D936<br>D937 ~ D938<br>D939 ~ D940<br>D941 ~ D942<br>D943 ~ D944<br>D945 ~ D946<br>D947 ~ D948<br>D949 ~ D950<br>D951 ~ D952<br>D953 ~ D954<br>D955 ~ D956<br>D957 ~ D958<br>D959 ~ D960<br>D961 ~ D962<br>D963 ~ D964<br>D965 ~ D966<br>D967 ~ D968<br>D969 ~ D970<br>D971 ~ D972<br>D973 ~ D974<br>D975 ~ D976<br>D977 ~ D978<br>D979 ~ D980<br>D981 ~ D982<br>D983 ~ D984<br>D985 ~ D986<br>D987 ~ D988<br>D989 ~ D990<br>D991 ~ D992<br>D993 ~ D994<br>D995 ~ D996<br>D997 ~ D998<br>D999 ~ D1000 | LSQ871ML-X  | LSQ871ML-X  |
| LED BRIGHTNESS   | D633 ~ D636<br>D639 ~ D640<br>D645 ~ D646<br>D650 ~ D652<br>D643 ~ D644<br>D647 ~ D648                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 470         | 430         |
|                  | D639 ~ D640<br>D641 ~ D642<br>D651 ~ D652<br>D653 ~ D654<br>D655 ~ D656<br>D657 ~ D658<br>D659 ~ D660<br>D661 ~ D662<br>D663 ~ D664<br>D665 ~ D666<br>D667 ~ D668<br>D669 ~ D670<br>D671 ~ D672<br>D673 ~ D674<br>D675 ~ D676<br>D677 ~ D678<br>D679 ~ D680<br>D681 ~ D682<br>D683 ~ D684<br>D685 ~ D686<br>D687 ~ D688<br>D689 ~ D690<br>D691 ~ D692<br>D693 ~ D694<br>D695 ~ D696<br>D697 ~ D698<br>D699 ~ D700<br>D701 ~ D702<br>D703 ~ D704<br>D705 ~ D706<br>D707 ~ D708<br>D709 ~ D710<br>D711 ~ D712<br>D713 ~ D714<br>D715 ~ D716<br>D717 ~ D718<br>D719 ~ D720<br>D721 ~ D722<br>D723 ~ D724<br>D725 ~ D726<br>D727 ~ D728<br>D729 ~ D730<br>D731 ~ D732<br>D733 ~ D734<br>D735 ~ D736<br>D737 ~ D738<br>D739 ~ D740<br>D741 ~ D742<br>D743 ~ D744<br>D745 ~ D746<br>D747 ~ D748<br>D749 ~ D750<br>D751 ~ D752<br>D753 ~ D754<br>D755 ~ D756<br>D757 ~ D758<br>D759 ~ D760<br>D761 ~ D762<br>D763 ~ D764<br>D765 ~ D766<br>D767 ~ D768<br>D769 ~ D770<br>D771 ~ D772<br>D773 ~ D774<br>D775 ~ D776<br>D777 ~ D778<br>D779 ~ D780<br>D781 ~ D782<br>D783 ~ D784<br>D785 ~ D786<br>D787 ~ D788<br>D789 ~ D790<br>D791 ~ D792<br>D793 ~ D794<br>D795 ~ D796<br>D797 ~ D798<br>D799 ~ D800<br>D801 ~ D802<br>D803 ~ D804<br>D805 ~ D806<br>D807 ~ D808<br>D809 ~ D810<br>D811 ~ D812<br>D813 ~ D814<br>D815 ~ D816<br>D817 ~ D818<br>D819 ~ D820<br>D821 ~ D822<br>D823 ~ D824<br>D825 ~ D826<br>D827 ~ D828<br>D829 ~ D830<br>D831 ~ D832<br>D833 ~ D834<br>D835 ~ D836<br>D837 ~ D838<br>D839 ~ D840<br>D841 ~ D842<br>D843 ~ D844<br>D845 ~ D846<br>D847 ~ D848<br>D849 ~ D850<br>D851 ~ D852<br>D853 ~ D854<br>D855 ~ D856<br>D857 ~ D858<br>D859 ~ D860<br>D861 ~ D862<br>D863 ~ D864<br>D865 ~ D866<br>D867 ~ D868<br>D869 ~ D870<br>D871 ~ D872<br>D873 ~ D874<br>D875 ~ D876<br>D877 ~ D878<br>D879 ~ D880<br>D881 ~ D882<br>D883 ~ D884<br>D885 ~ D886<br>D887 ~ D888<br>D889 ~ D890<br>D891 ~ D892<br>D893 ~ D894<br>D895 ~ D896<br>D897 ~ D898<br>D899 ~ D900<br>D901 ~ D902<br>D903 ~ D904<br>D905 ~ D906<br>D907 ~ D908<br>D909 ~ D910<br>D911 ~ D912<br>D913 ~ D914<br>D915 ~ D916<br>D917 ~ D918<br>D919 ~ D920<br>D921 ~ D922<br>D923 ~ D924<br>D925 ~ D926<br>D927 ~ D928<br>D929 ~ D930<br>D931 ~ D932<br>D933 ~ D934<br>D935 ~ D936<br>D937 ~ D938<br>D939 ~ D940<br>D941 ~ D942<br>D943 ~ D944<br>D945 ~ D946<br>D947 ~ D948<br>D949 ~ D950<br>D951 ~ D952<br>D953 ~ D954<br>D955 ~ D956<br>D957 ~ D958<br>D959 ~ D960<br>D961 ~ D962<br>D963 ~ D964<br>D965 ~ D966<br>D967 ~ D968<br>D969 ~ D970<br>D971 ~ D972<br>D973 ~ D974<br>D975 ~ D976<br>D977 ~ D978<br>D979 ~ D980<br>D981 ~ D982<br>D983 ~ D984<br>D985 ~ D986<br>D987 ~ D988<br>D989 ~ D990<br>D991 ~ D992<br>D993 ~ D994<br>D995 ~ D996<br>D997 ~ D998<br>D999 ~ D1000 | 470         | 430         |
| DIMMER CIRCUITRY | D633 ~ D636<br>D639 ~ D640<br>D645 ~ D646<br>D650 ~ D652<br>D643 ~ D644<br>D647 ~ D648                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 220         | 220         |
|                  | D639 ~ D640<br>D641 ~ D642<br>D651 ~ D652<br>D653 ~ D654<br>D655 ~ D656<br>D657 ~ D658<br>D659 ~ D660<br>D661 ~ D662<br>D663 ~ D664<br>D665 ~ D666<br>D667 ~ D668<br>D669 ~ D670<br>D671 ~ D672<br>D673 ~ D674<br>D675 ~ D676<br>D677 ~ D678<br>D679 ~ D680<br>D681 ~ D682<br>D683 ~ D684<br>D685 ~ D686<br>D687 ~ D688<br>D689 ~ D690<br>D691 ~ D692<br>D693 ~ D694<br>D695 ~ D696<br>D697 ~ D698<br>D699 ~ D700<br>D701 ~ D702<br>D703 ~ D704<br>D705 ~ D706<br>D707 ~ D708<br>D709 ~ D710<br>D711 ~ D712<br>D713 ~ D714<br>D715 ~ D716<br>D717 ~ D718<br>D719 ~ D720<br>D721 ~ D722<br>D723 ~ D724<br>D725 ~ D726<br>D727 ~ D728<br>D729 ~ D730<br>D731 ~ D732<br>D733 ~ D734<br>D735 ~ D736<br>D737 ~ D738<br>D739 ~ D740<br>D741 ~ D742<br>D743 ~ D744<br>D745 ~ D746<br>D747 ~ D748<br>D749 ~ D750<br>D751 ~ D752<br>D753 ~ D754<br>D755 ~ D756<br>D757 ~ D758<br>D759 ~ D760<br>D761 ~ D762<br>D763 ~ D764<br>D765 ~ D766<br>D767 ~ D768<br>D769 ~ D770<br>D771 ~ D772<br>D773 ~ D774<br>D775 ~ D776<br>D777 ~ D778<br>D779 ~ D780<br>D781 ~ D782<br>D783 ~ D784<br>D785 ~ D786<br>D787 ~ D788<br>D789 ~ D790<br>D791 ~ D792<br>D793 ~ D794<br>D795 ~ D796<br>D797 ~ D798<br>D799 ~ D800<br>D801 ~ D802<br>D803 ~ D804<br>D805 ~ D806<br>D807 ~ D808<br>D809 ~ D810<br>D811 ~ D812<br>D813 ~ D814<br>D815 ~ D816<br>D817 ~ D818<br>D819 ~ D820<br>D821 ~ D822<br>D823 ~ D824<br>D825 ~ D826<br>D827 ~ D828<br>D829 ~ D830<br>D831 ~ D832<br>D833 ~ D834<br>D835 ~ D836<br>D837 ~ D838<br>D839 ~ D840<br>D841 ~ D842<br>D843 ~ D844<br>D845 ~ D846<br>D847 ~ D848<br>D849 ~ D850<br>D851 ~ D852<br>D853 ~ D854<br>D855 ~ D856<br>D857 ~ D858<br>D859 ~ D860<br>D861 ~ D862<br>D863 ~ D864<br>D865 ~ D866<br>D867 ~ D868<br>D869 ~ D870<br>D871 ~ D872<br>D873 ~ D874<br>D875 ~ D876<br>D877 ~ D878<br>D879 ~ D880<br>D881 ~ D882<br>D883 ~ D884<br>D885 ~ D886<br>D887 ~ D888<br>D889 ~ D890<br>D891 ~ D892<br>D893 ~ D894<br>D895 ~ D896<br>D897 ~ D898<br>D899 ~ D900<br>D901 ~ D902<br>D903 ~ D904<br>D905 ~ D906<br>D907 ~ D908<br>D909 ~ D910<br>D911 ~ D912<br>D913 ~ D914<br>D915 ~ D916<br>D917 ~ D918<br>D919 ~ D920<br>D921 ~ D922<br>D923 ~ D924<br>D925 ~ D926<br>D927 ~ D928<br>D929 ~ D930<br>D931 ~ D932<br>D933 ~ D934<br>D935 ~ D936<br>D937 ~ D938<br>D939 ~ D940<br>D941 ~ D942<br>D943 ~ D944<br>D945 ~ D946<br>D947 ~ D948<br>D949 ~ D950<br>D951 ~ D952<br>D953 ~ D954<br>D955 ~ D956<br>D957 ~ D958<br>D959 ~ D960<br>D961 ~ D962<br>D963 ~ D964<br>D965 ~ D966<br>D967 ~ D968<br>D969 ~ D970<br>D971 ~ D972<br>D973 ~ D974<br>D975 ~ D976<br>D977 ~ D978<br>D979 ~ D980<br>D981 ~ D982<br>D983 ~ D984<br>D985 ~ D986<br>D987 ~ D988<br>D989 ~ D990<br>D991 ~ D992<br>D993 ~ D994<br>D995 ~ D996<br>D997 ~ D998<br>D999 ~ D1000 | 220         | 220         |
| AUX JACK         | PJ801                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | QNS0280-001 | QL00279-001 |

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 µF(pF)  
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(µF)RATED VOLTAGE(V)  
T = TANTALUM CAPACITOR.  
3. COMPONENTS IN ( ) INDICATE NOT USE.

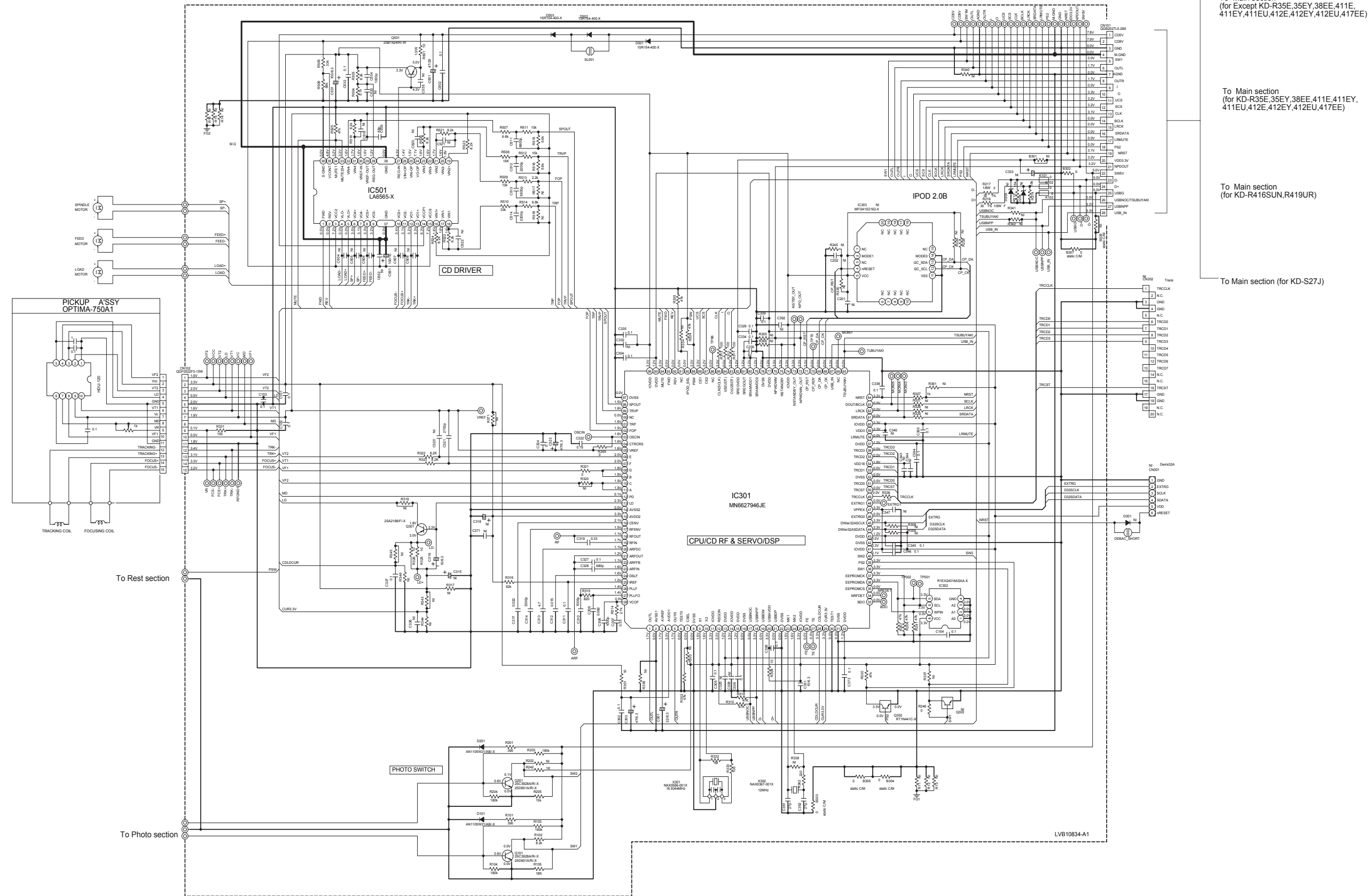
<Main section (for KD-S27J)>



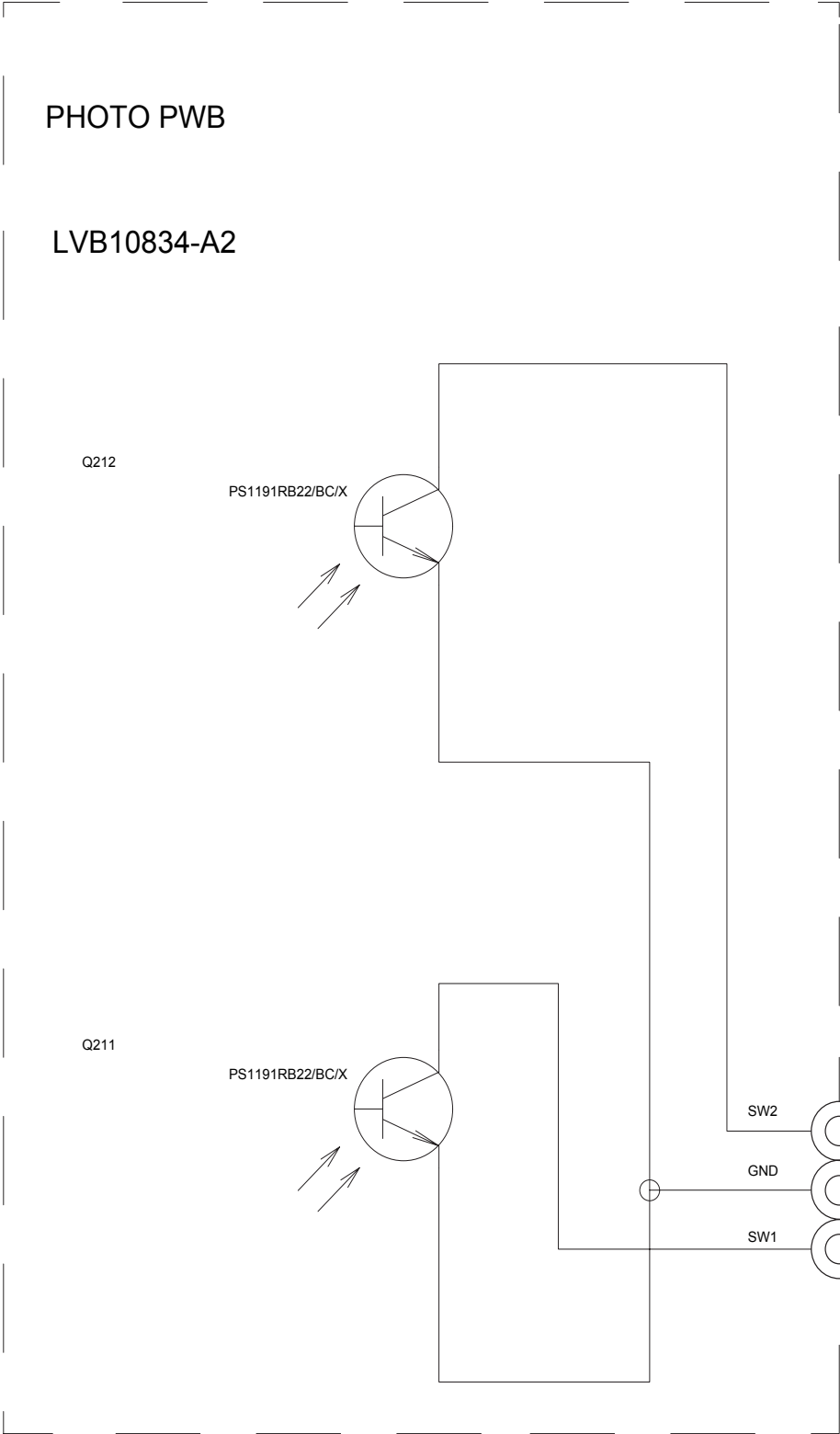
<LCD & Key control section (for KD-S27J)>



<Mecha control section>



# <Photo section>

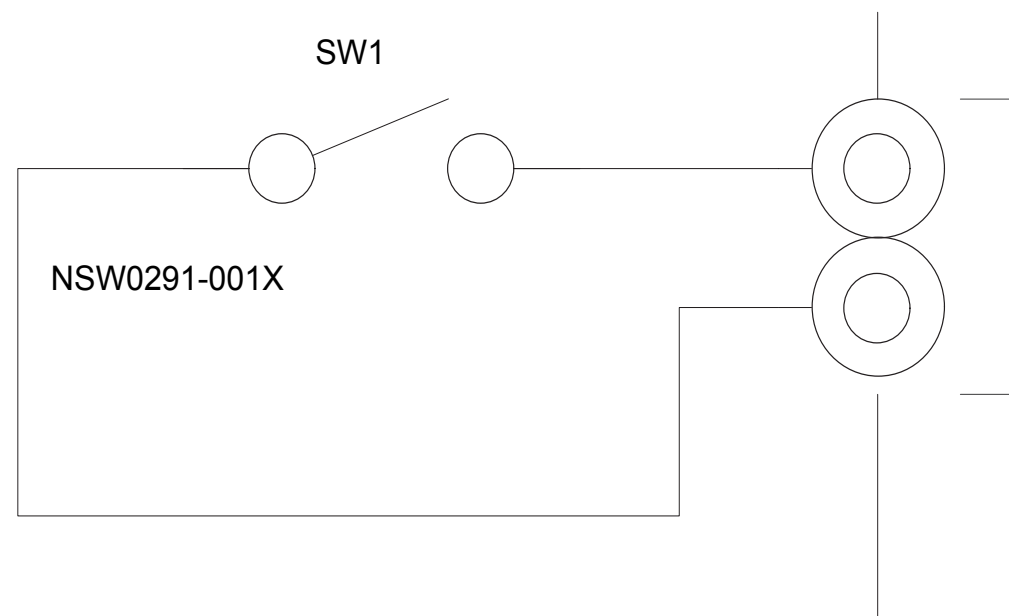


To Mecha control section

# <Rest switch section>

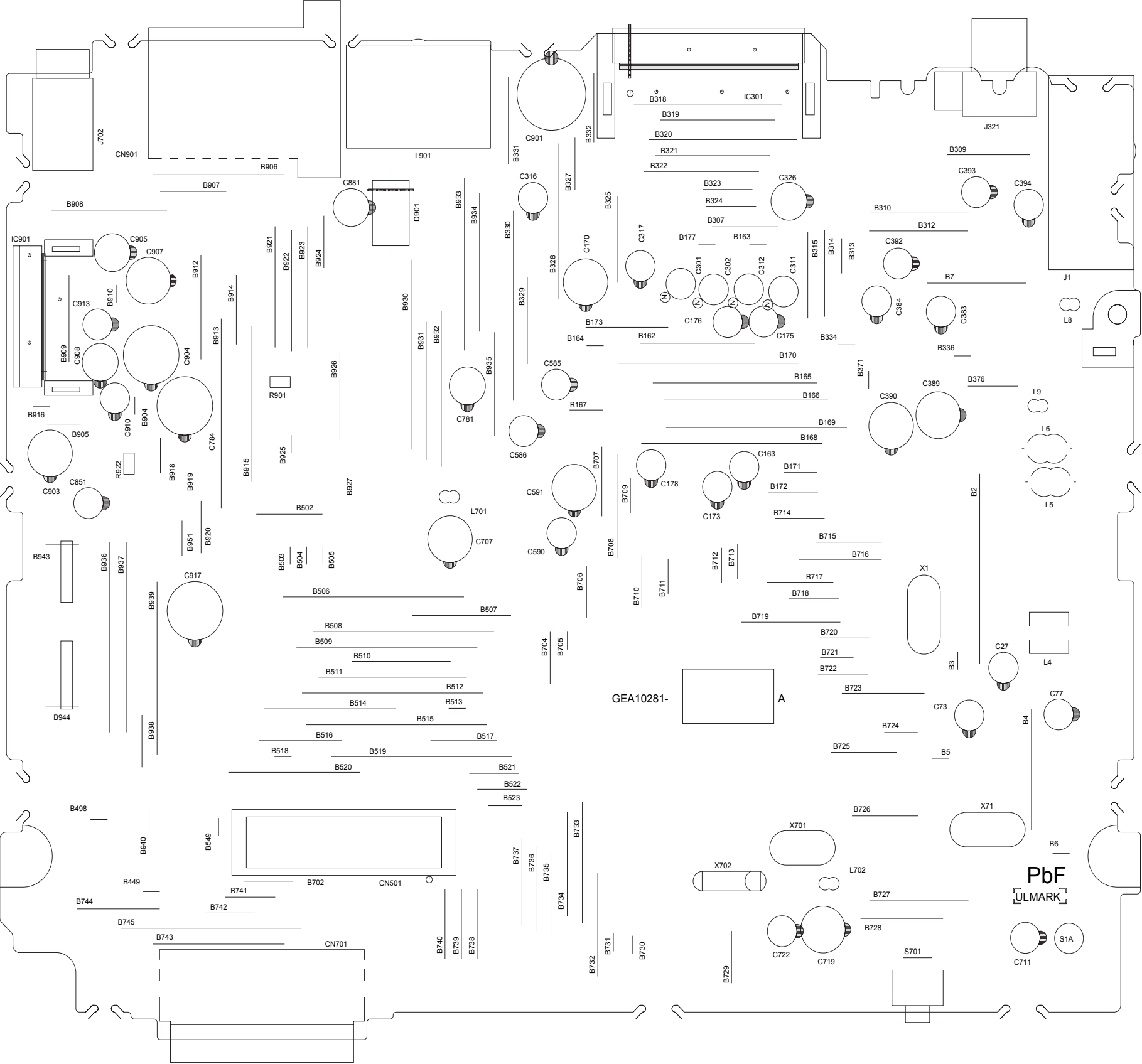
REST SW PWB

LVB10834-A3



To Mecha control section

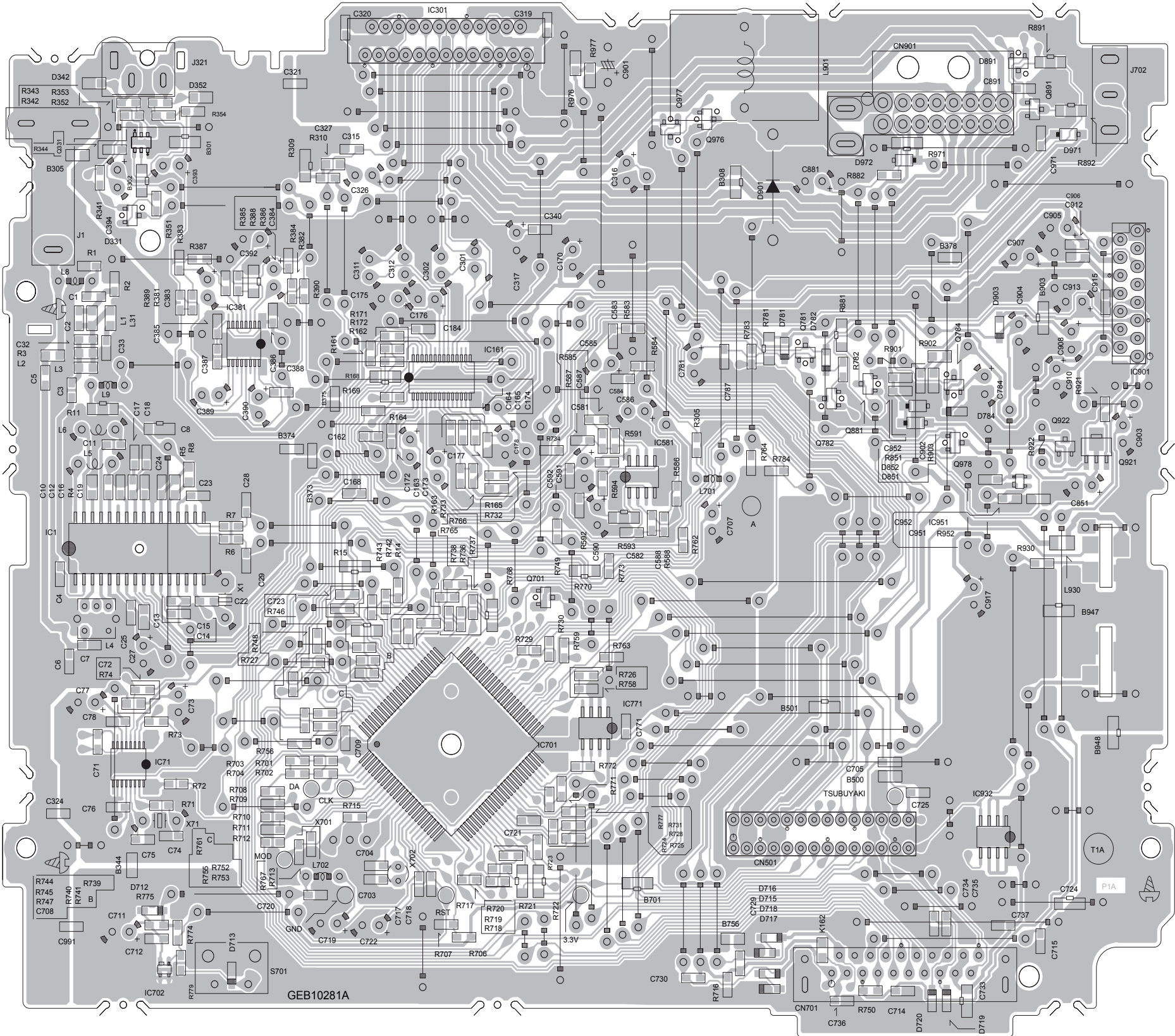
<Main board (for Except KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE)>  
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))  
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



<Main board (for Except KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE)>

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

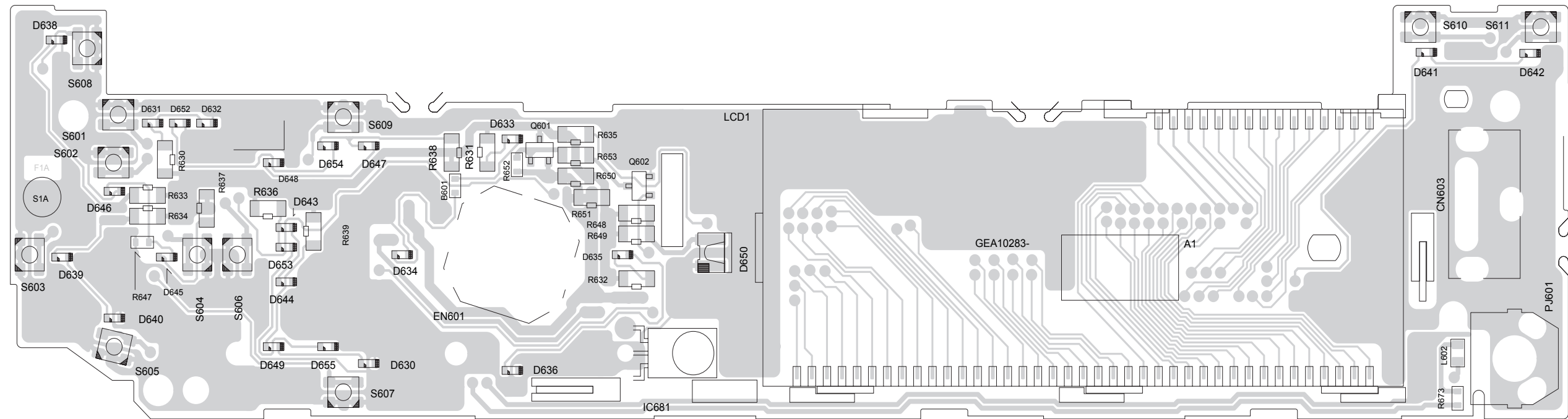
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



<Switch board (for Except KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE,KD-R416SUN,R419UR)>

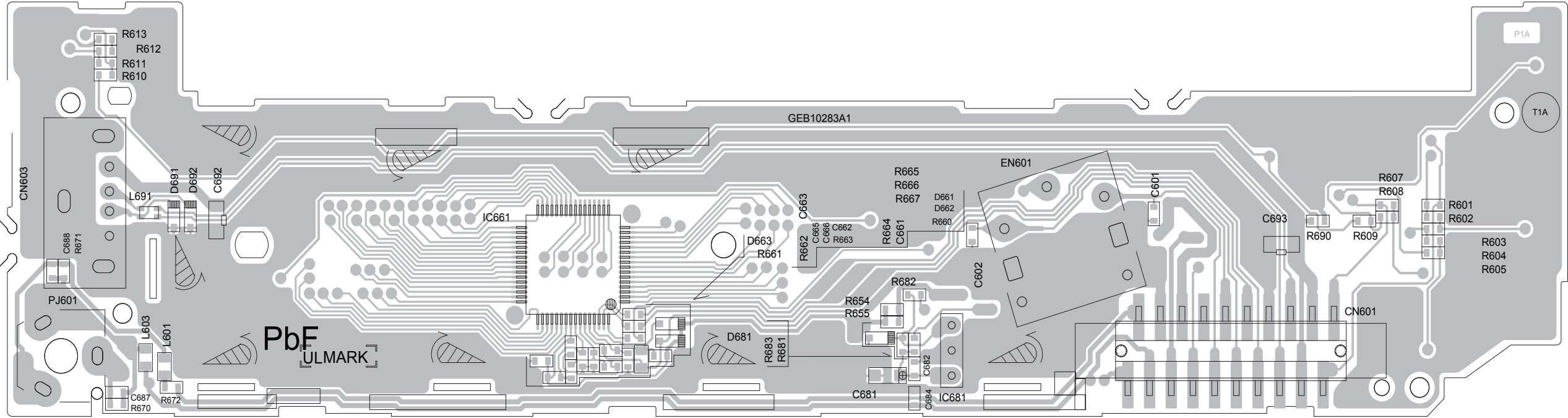
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

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



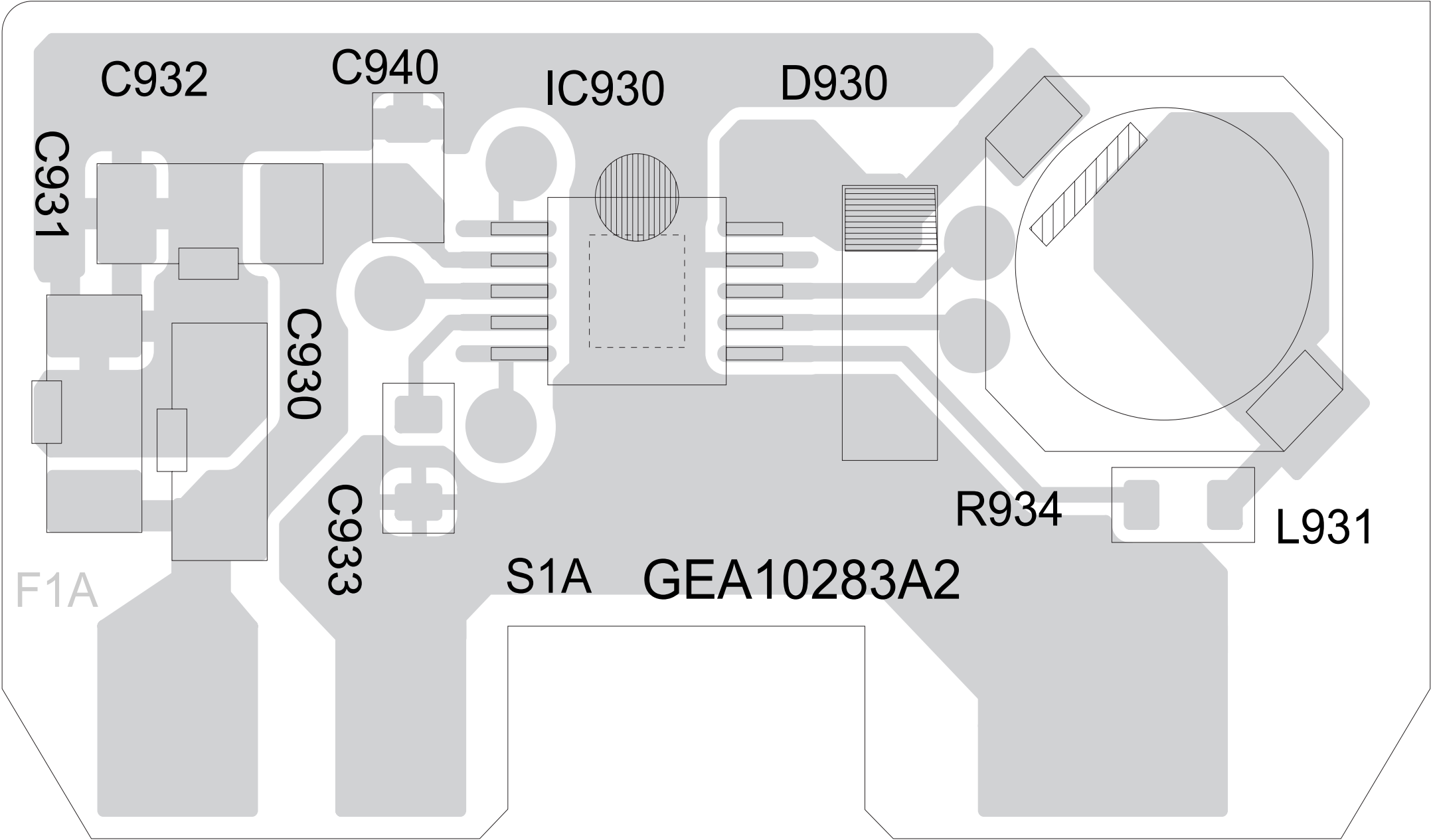
<Switch board (for Except KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE,KD-R416SUN,R419UR)>

(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))



<Sub board (for Except KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE,KD-R416SUN,R419UR)>

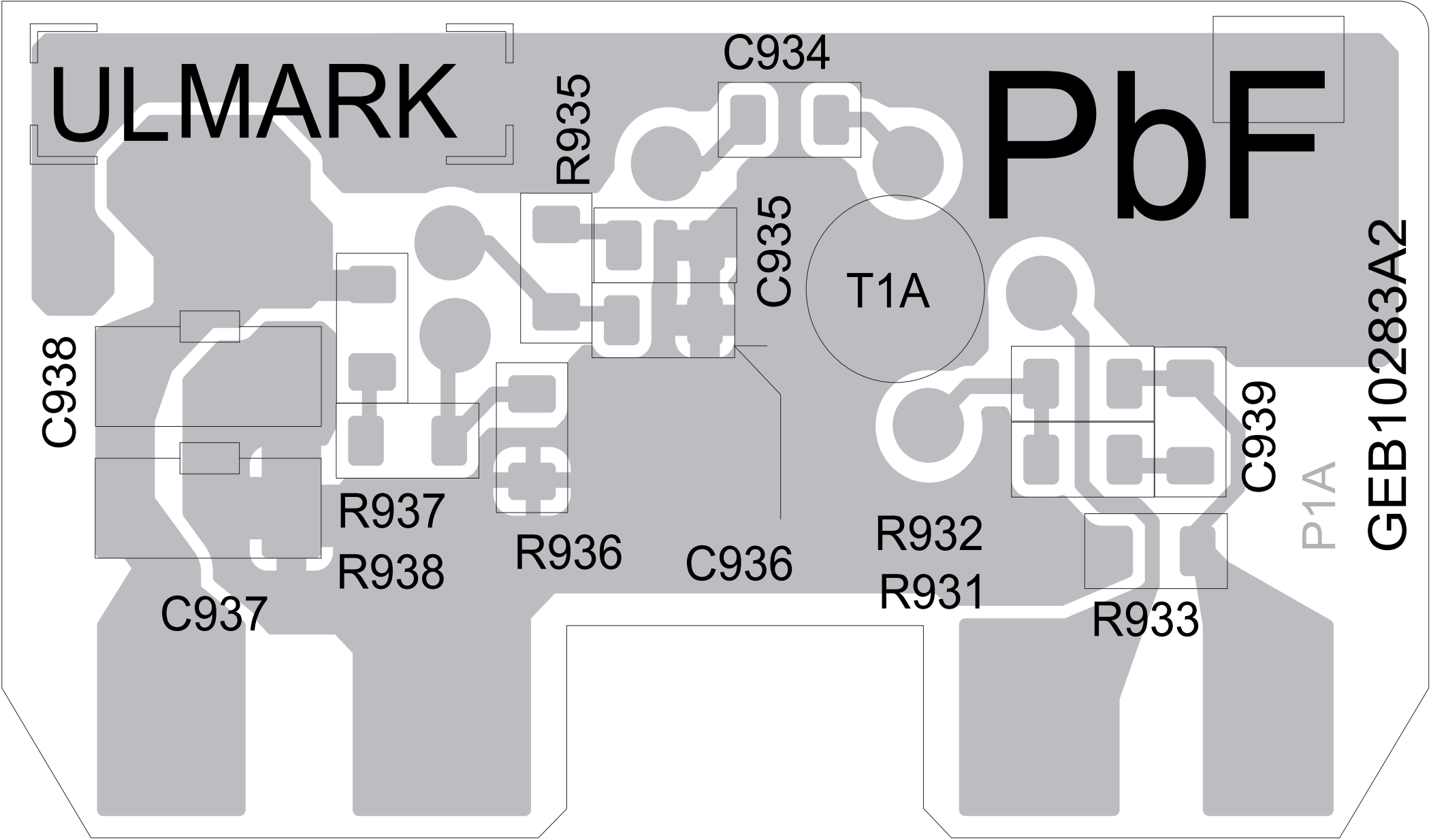
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))  
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



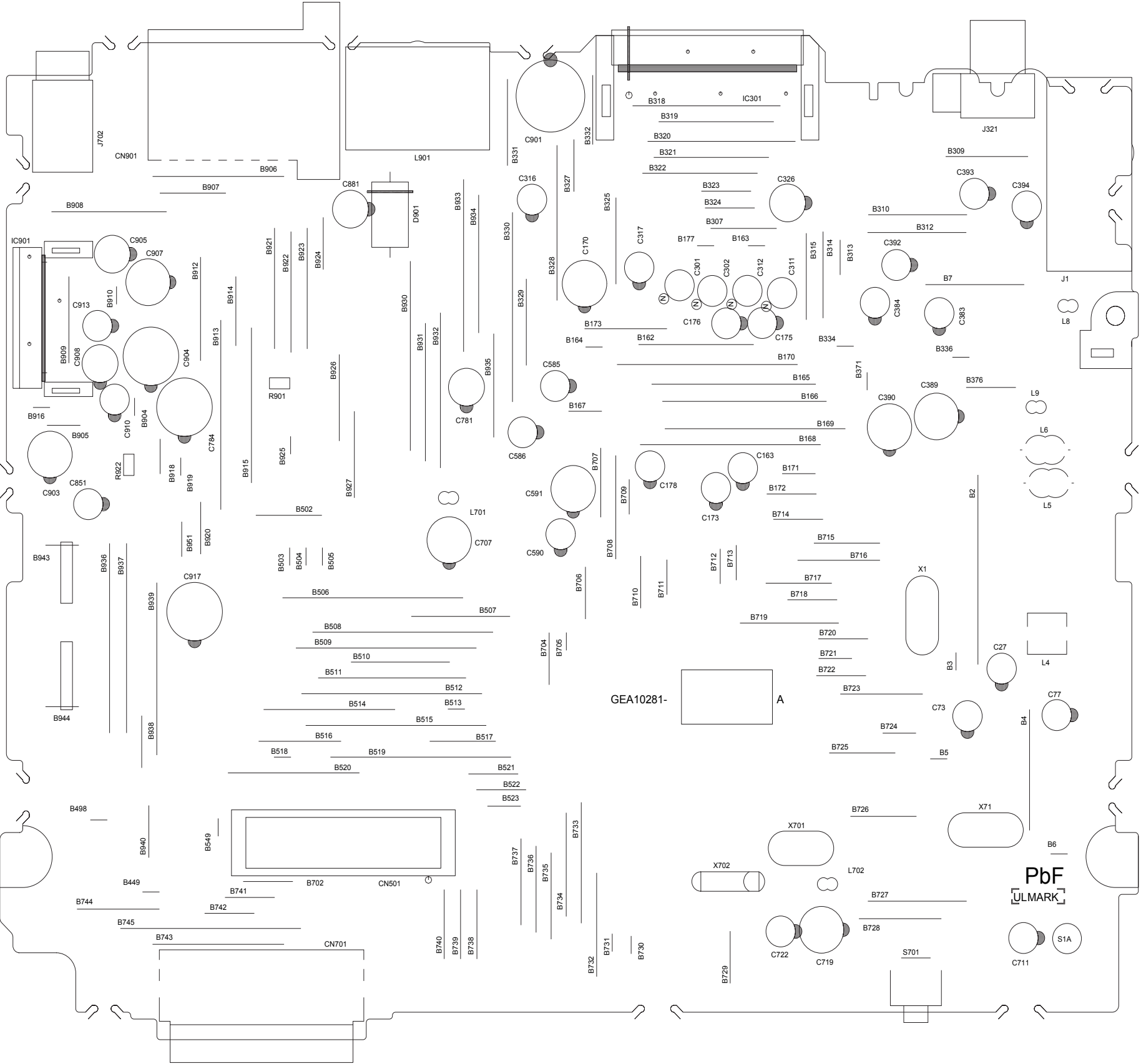
<Sub board (for Except KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE,KD-R416SUN,R419UR)>

(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))



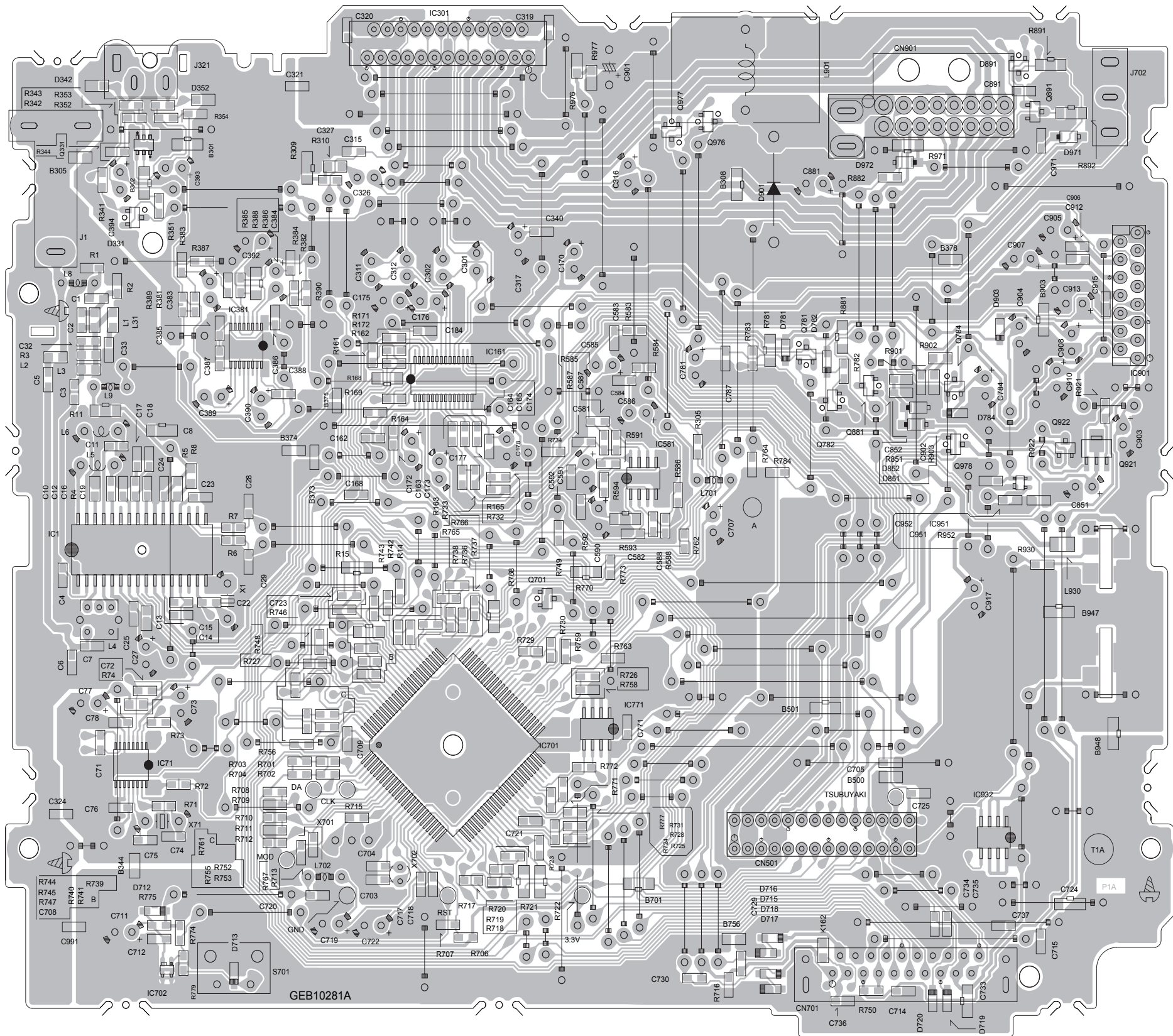
<Main board (for KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE)>  
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))  
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



<Main board (for KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE)>

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

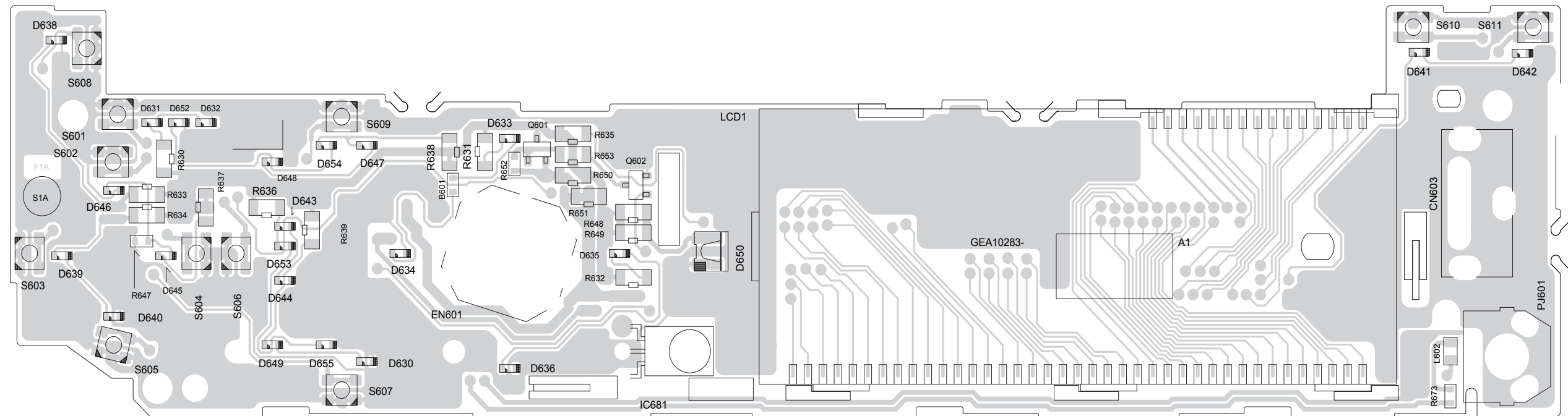
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



<Switch board (for KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE)>

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

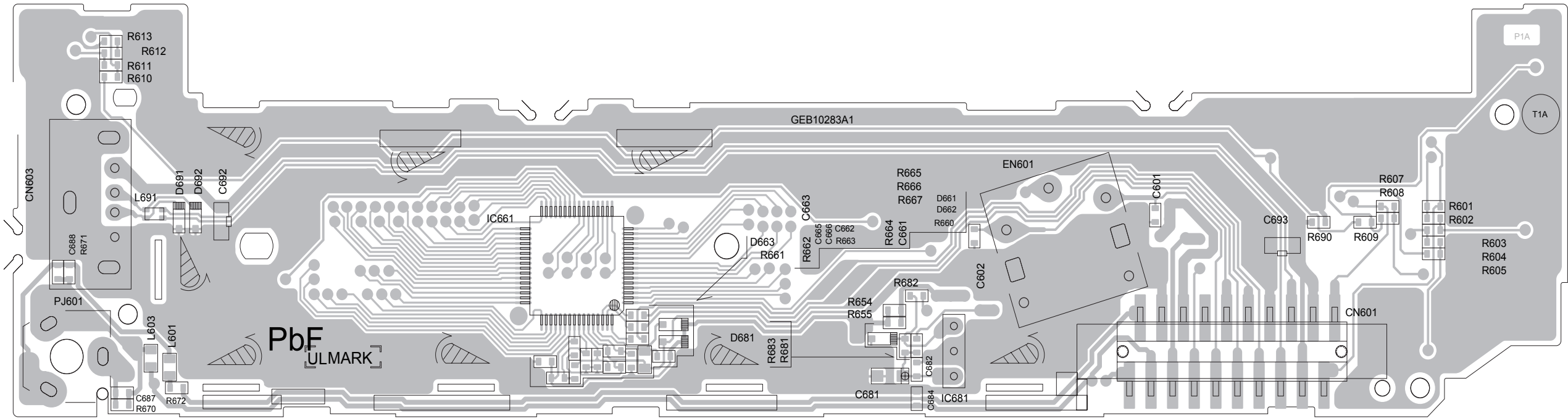
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



<Switch board (for KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE)>

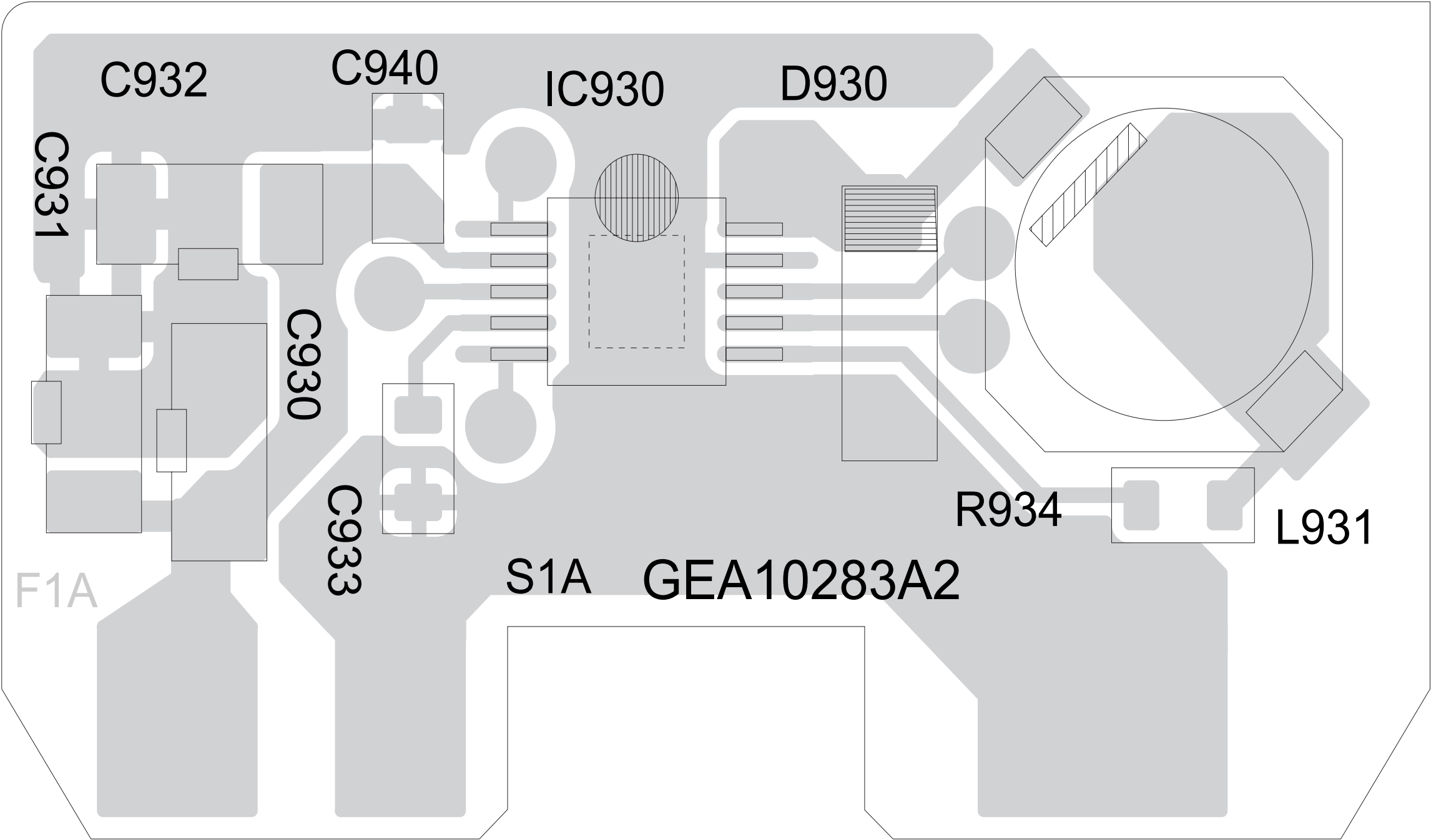
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

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



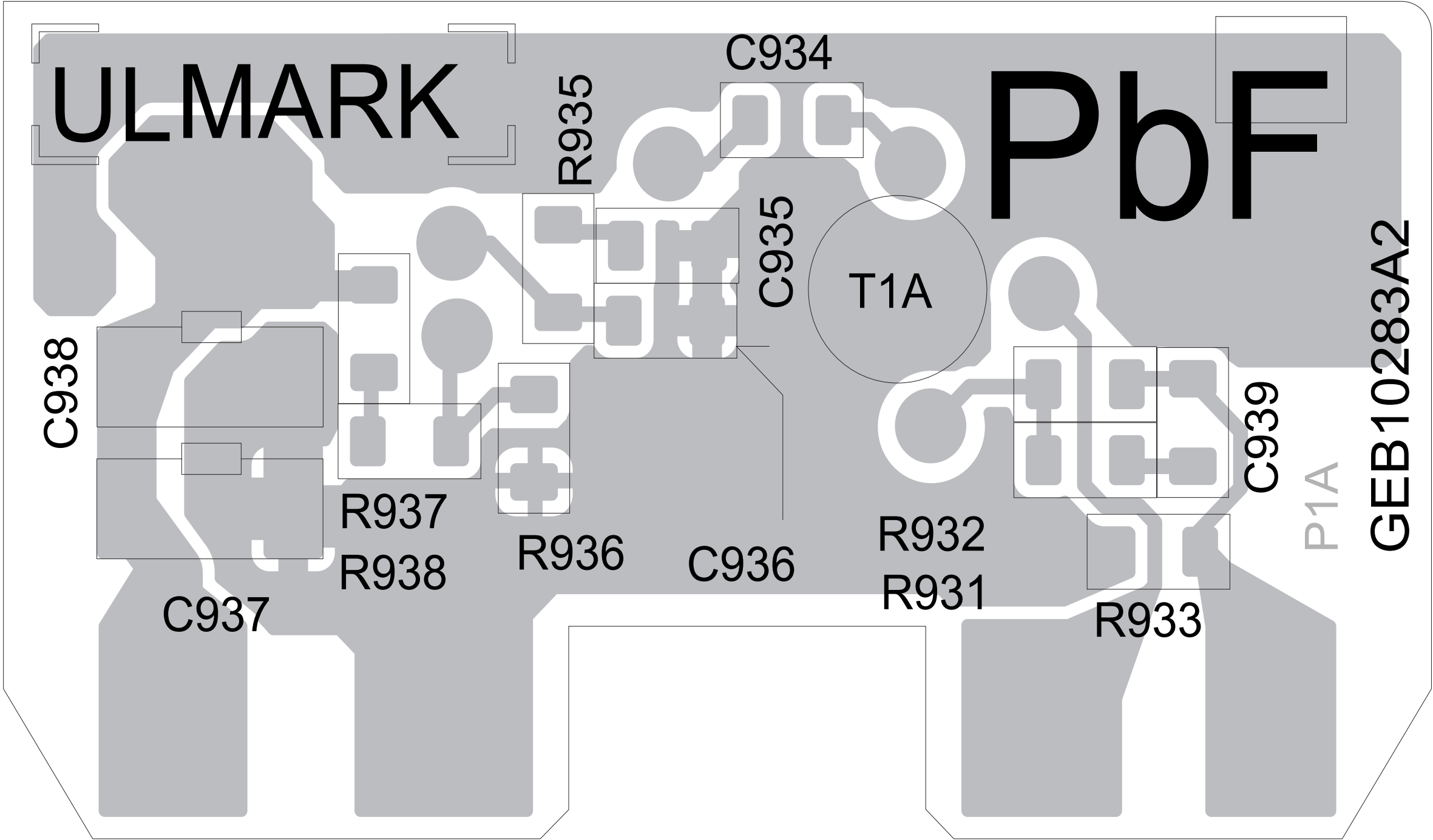
<Sub board (for KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE)>

(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))

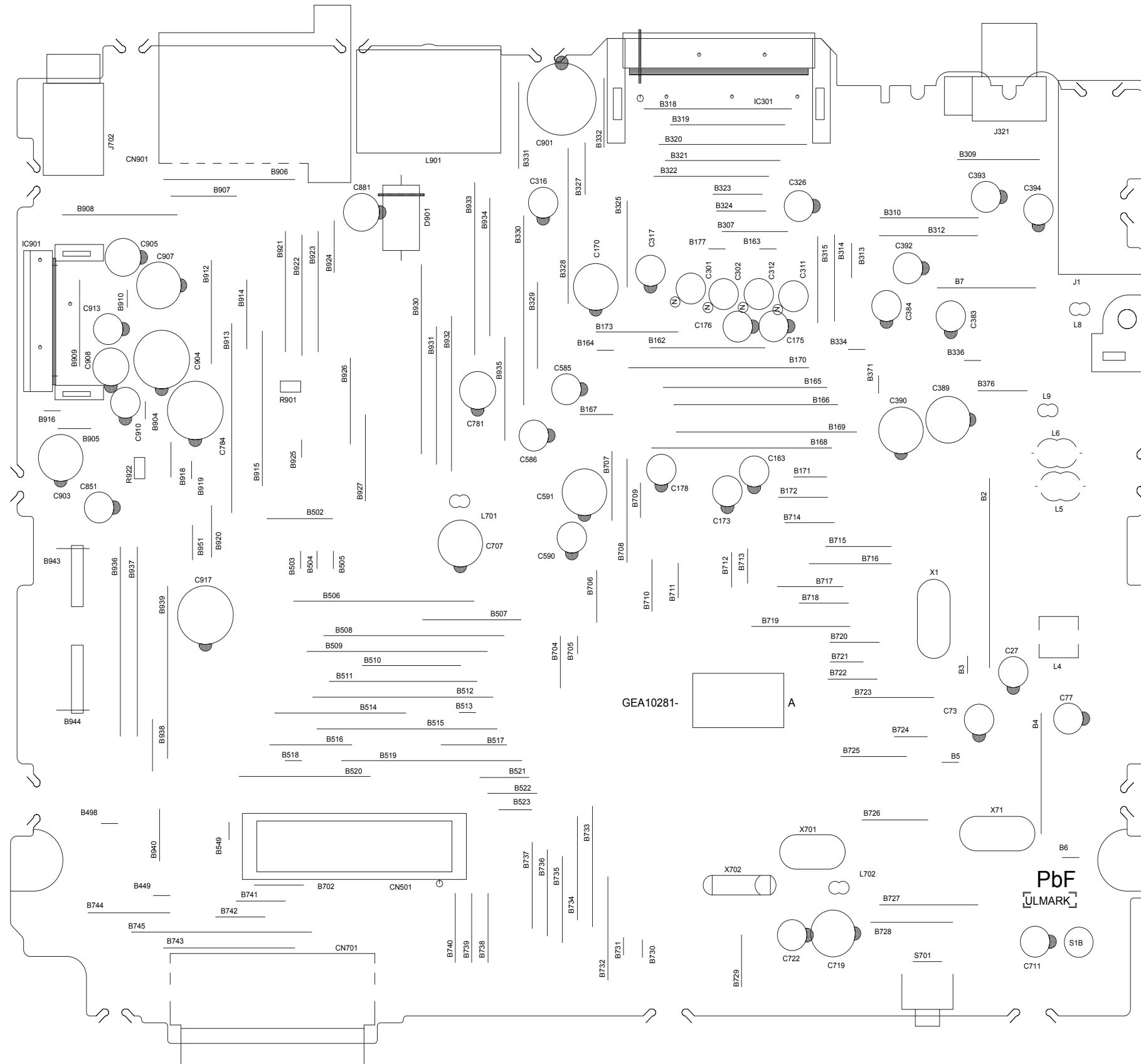


<Sub board (for KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE)>

(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))



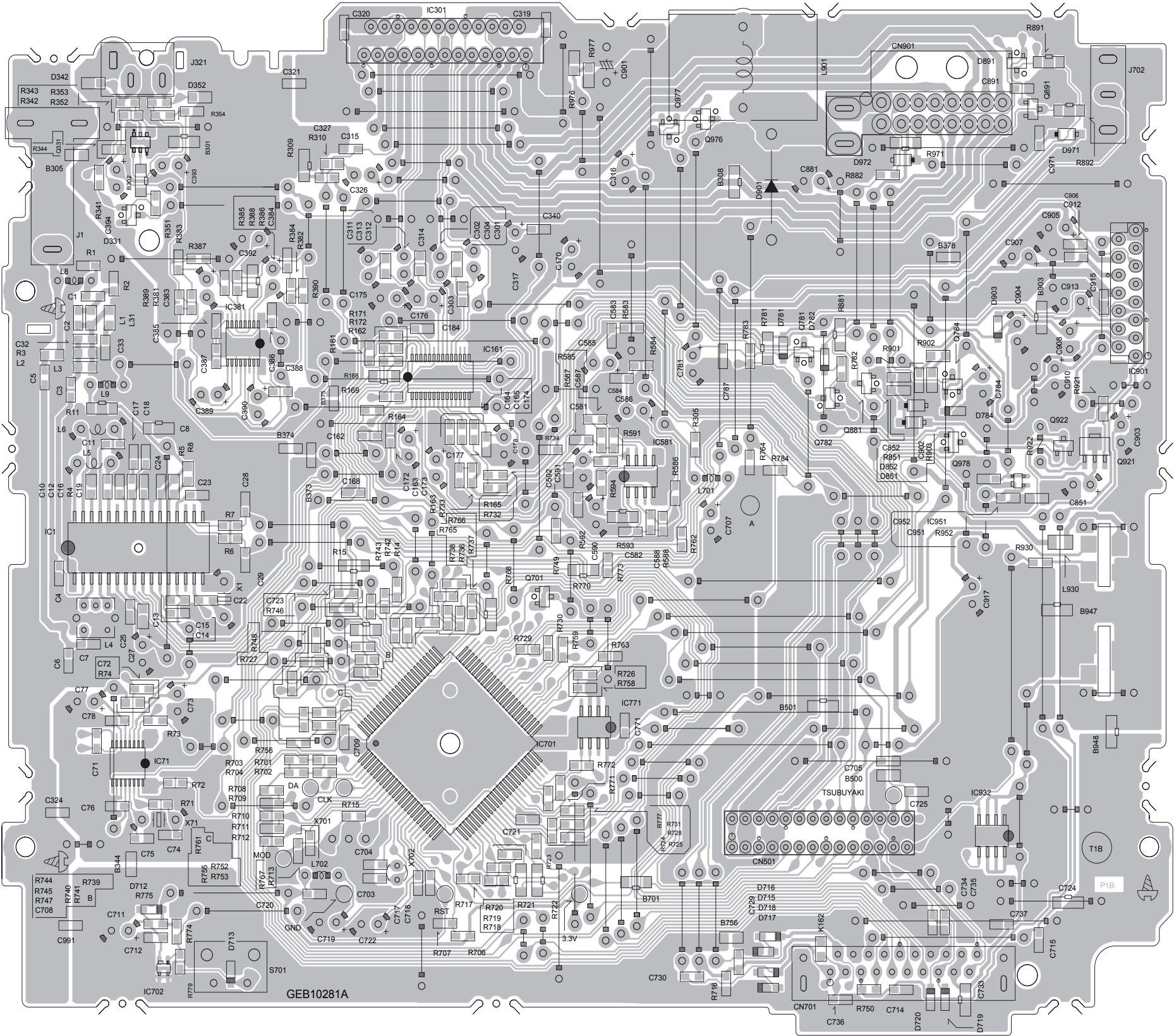
<Main board (for KD-R416SUN,R419UR)>  
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))  
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



<Main board (for KD-R416SUN,R419UR)>

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

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



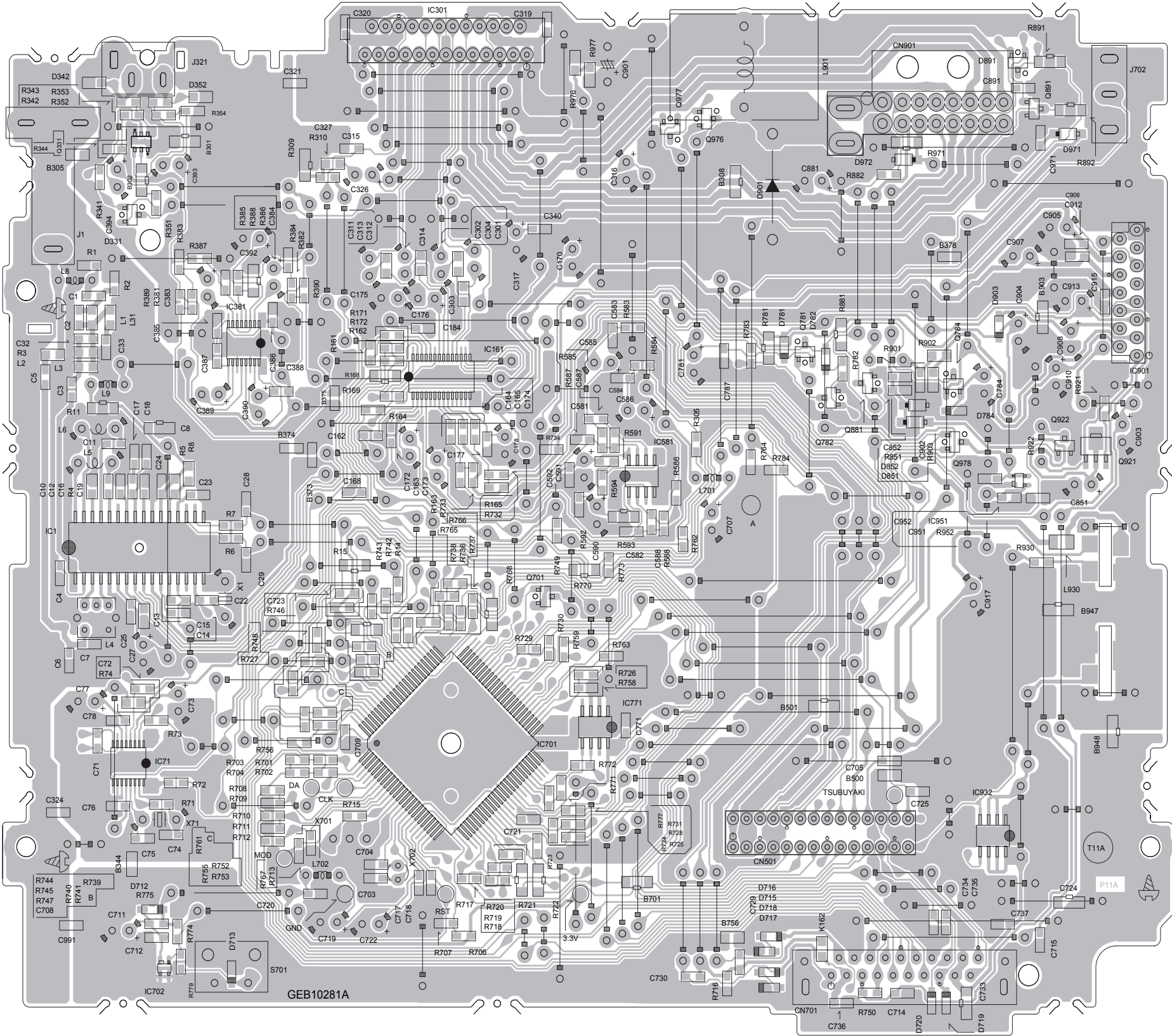
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))  
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



<Main board (for KD-S27J)>

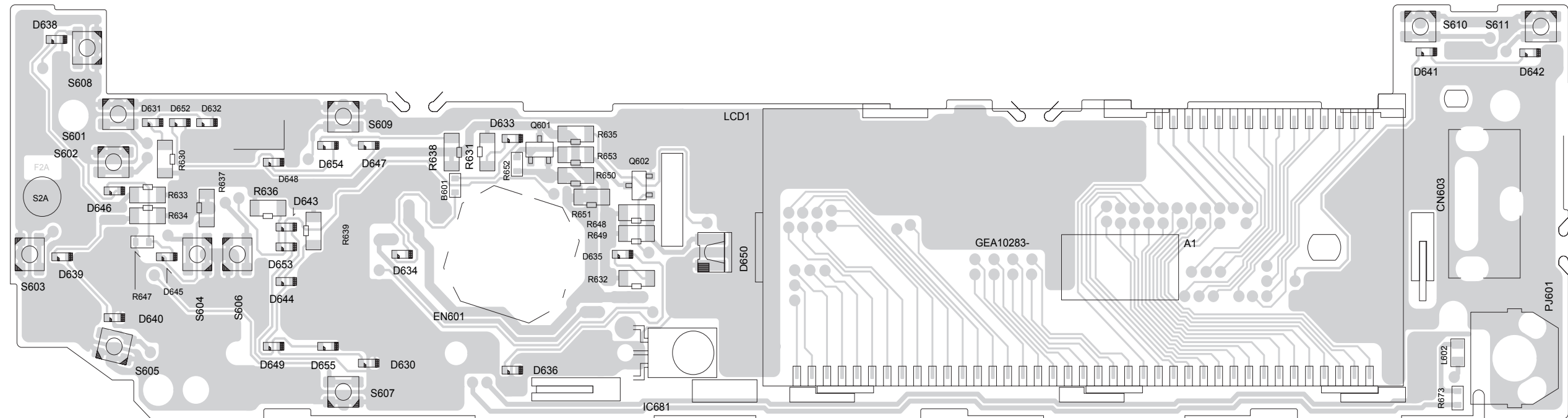
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

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



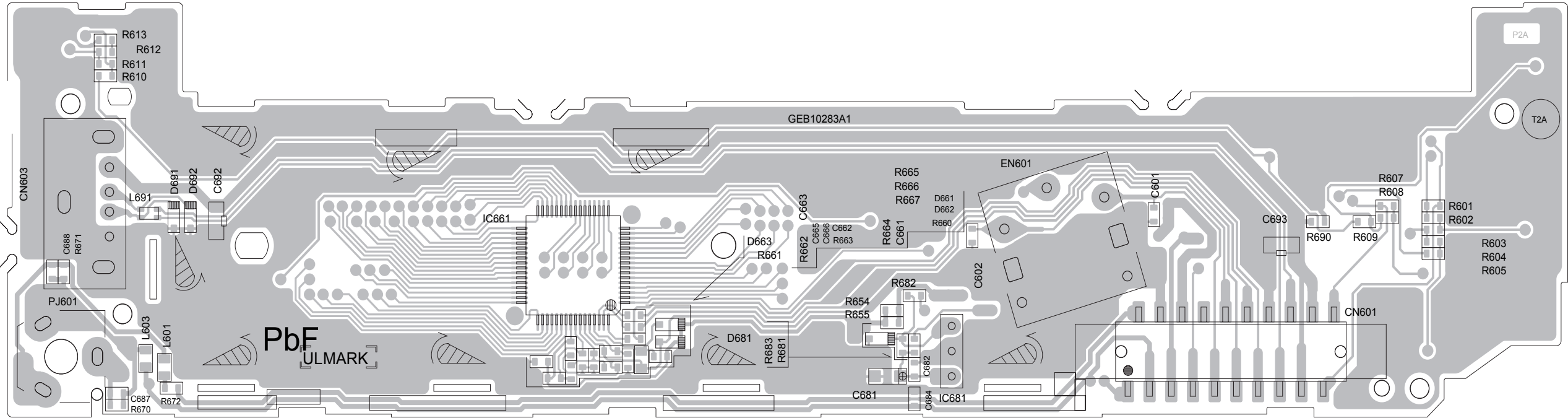
## <Switch board (for KD-S27J)>

(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))



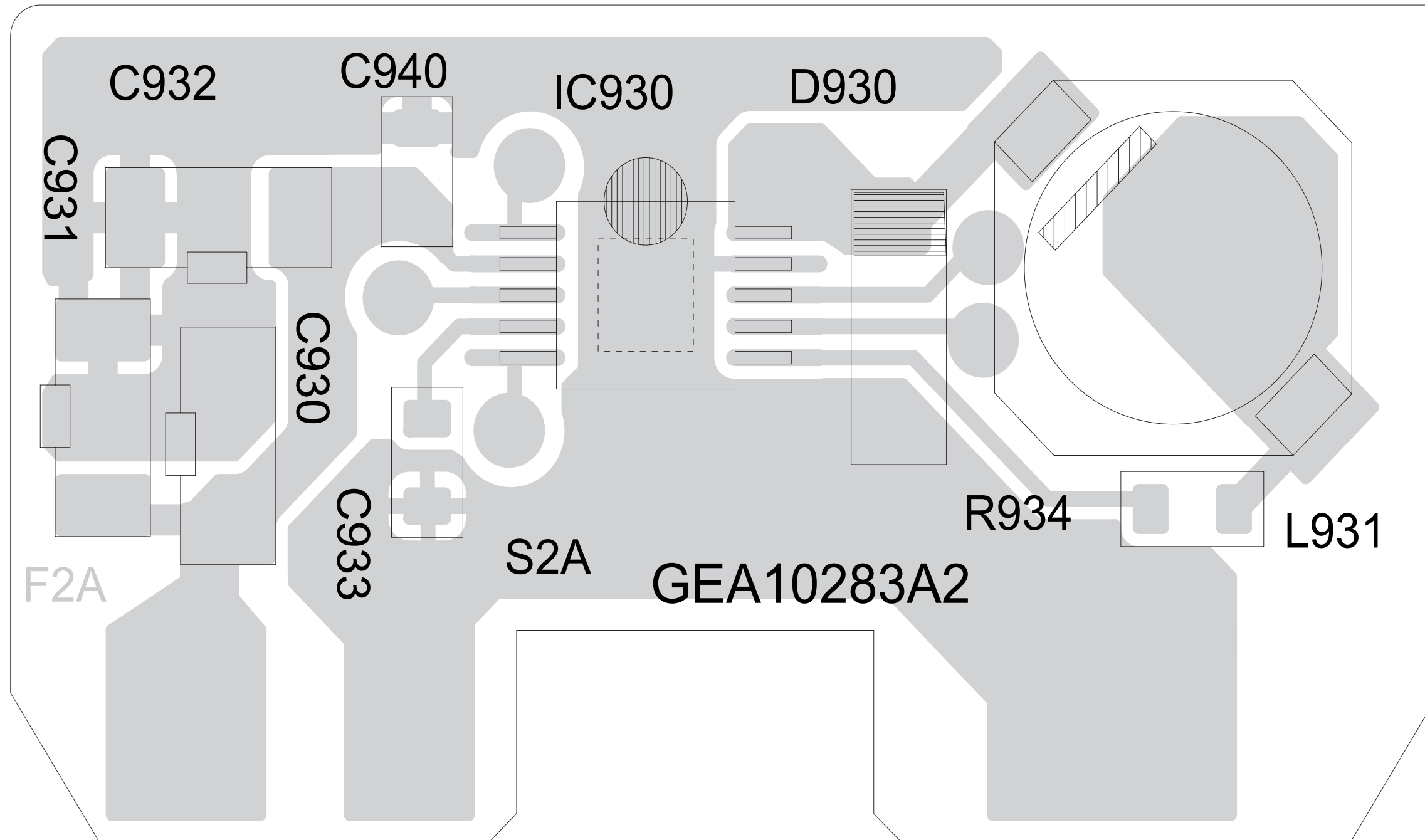
<Switch board (for KD-S27J)>

(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))



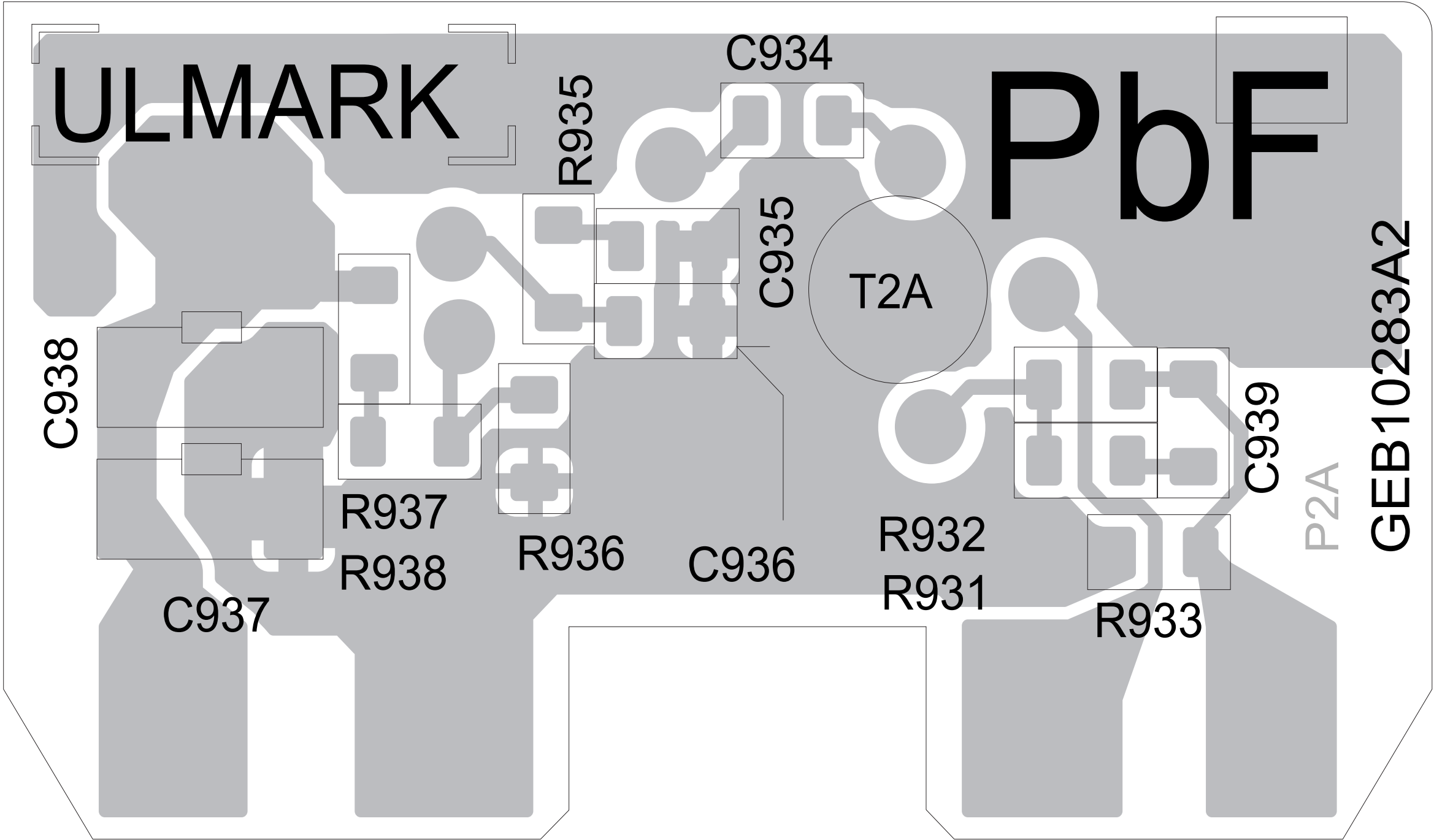
## <Sub board (for KD-S27J)>

(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))



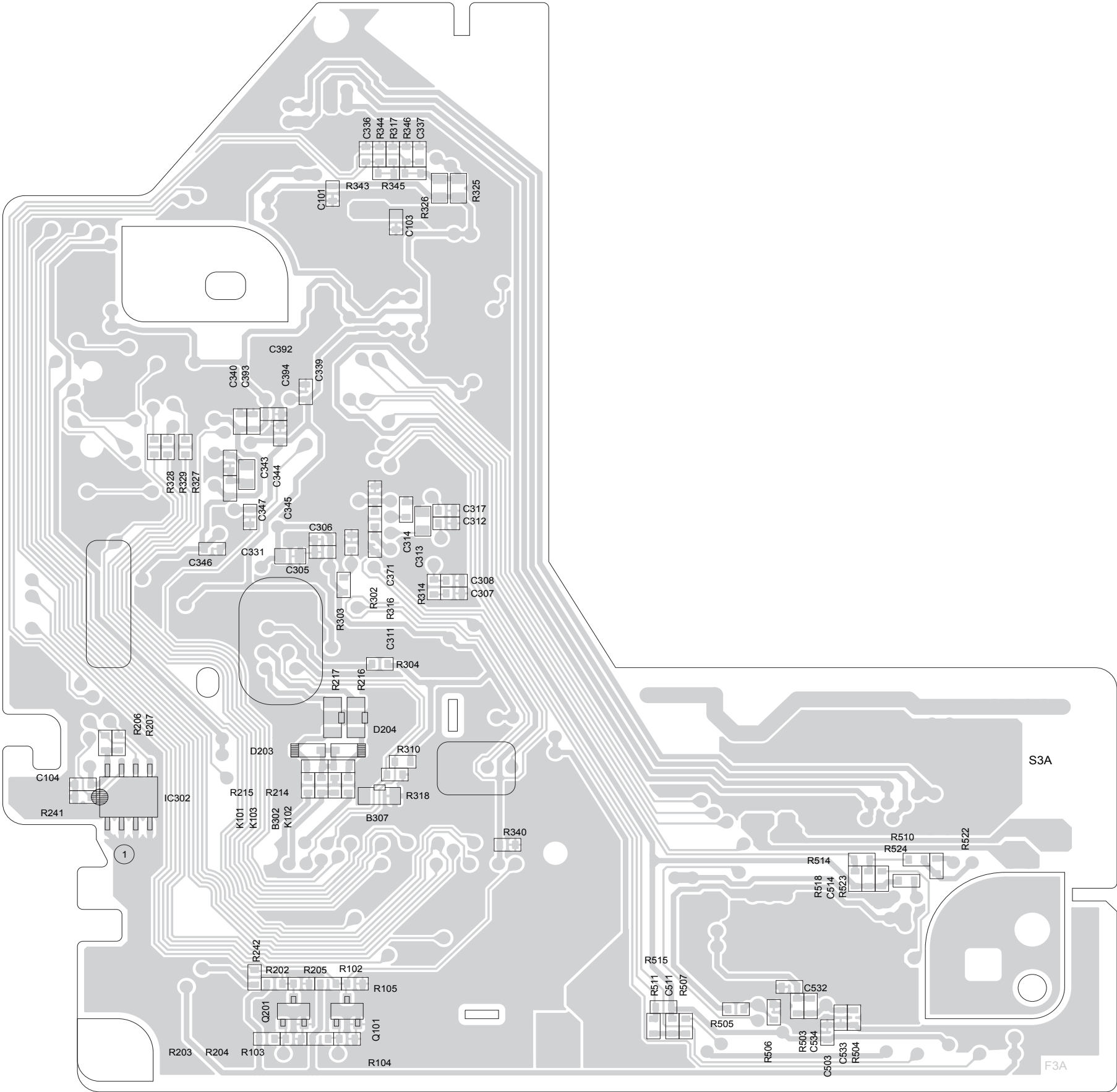
<Sub board (for KD-S27J)>

(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))



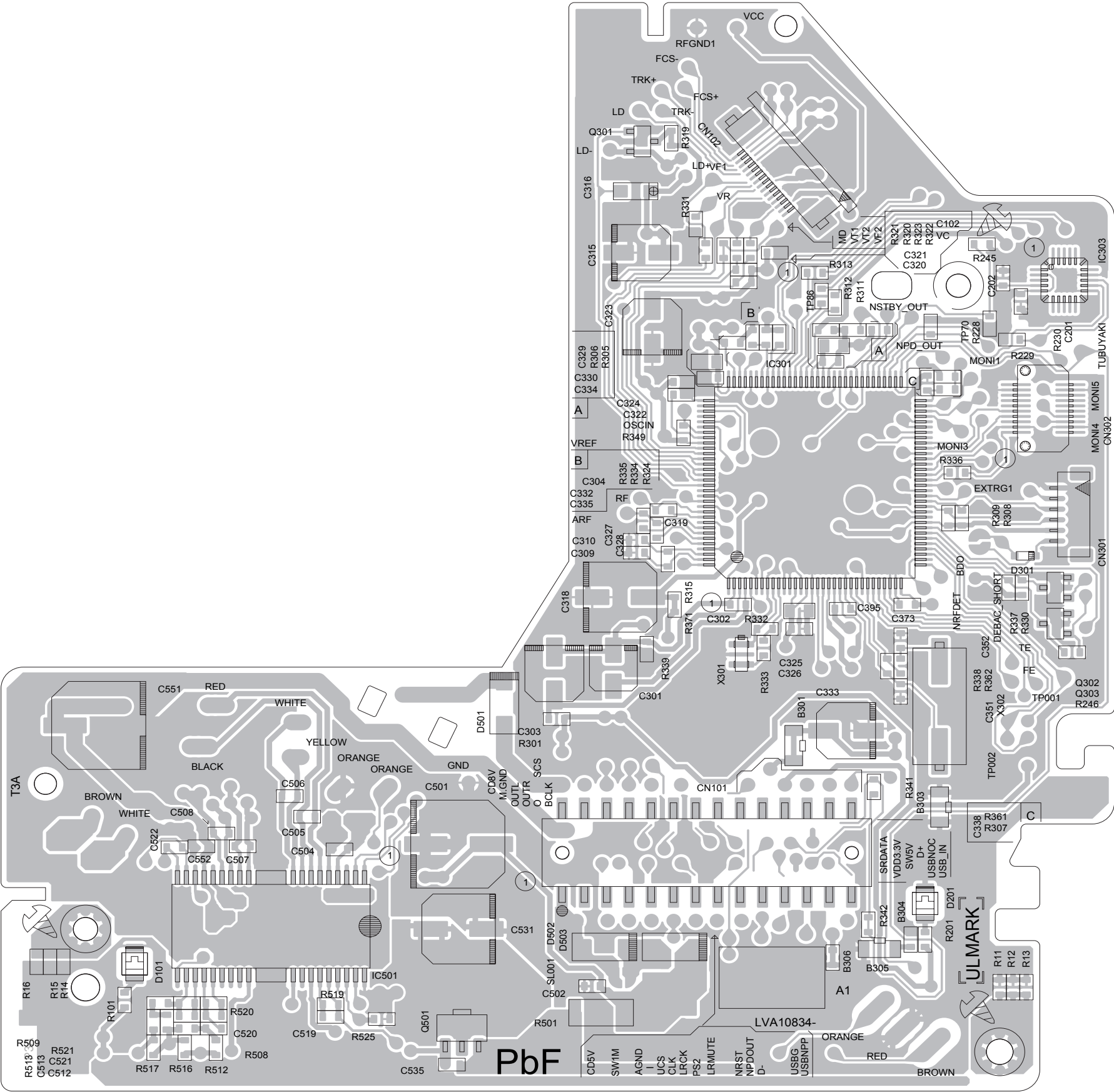
<Mecha control board>

(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))



<Mecha control board>

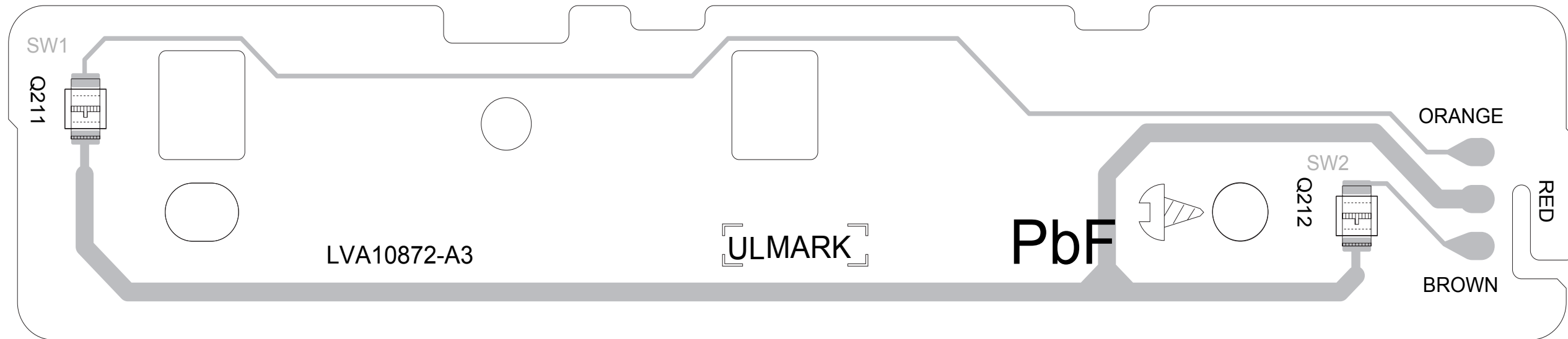
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))  
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



## <Photo board>

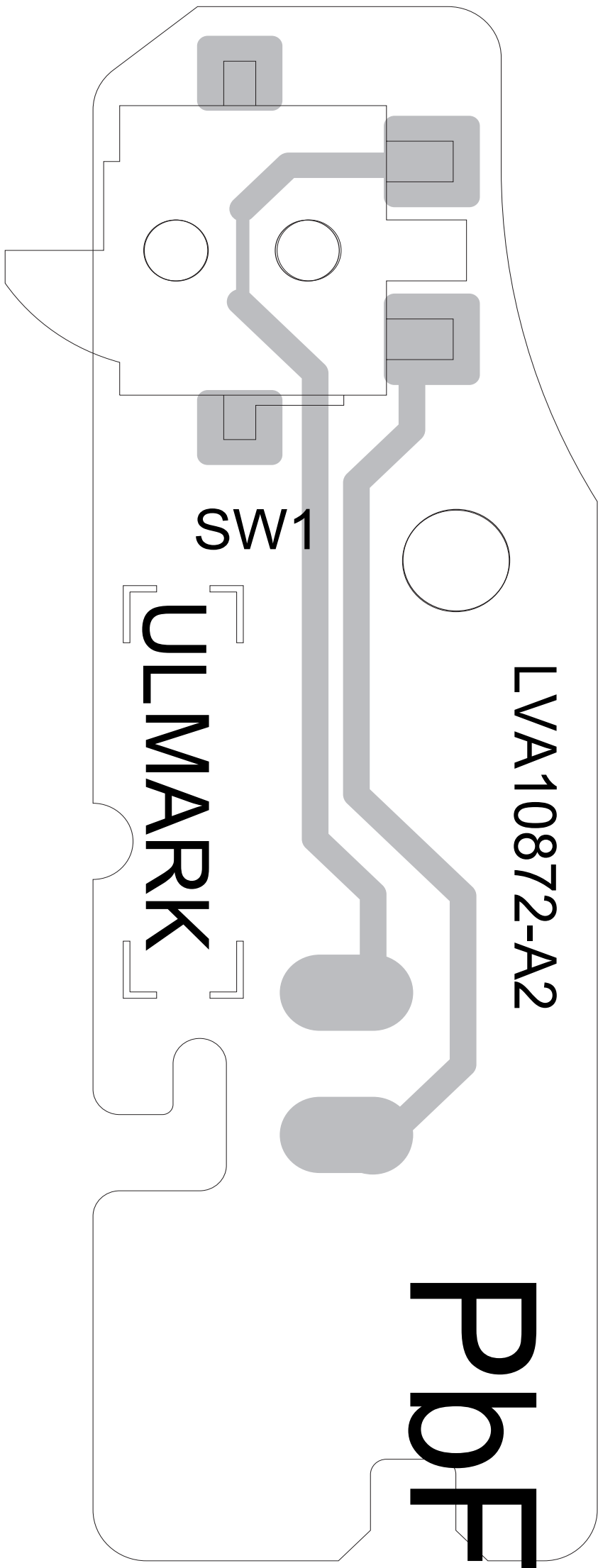
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

(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))



# **JVC**

## **PARTS LIST**

### **CD RECEIVER**

|           |           |            |
|-----------|-----------|------------|
| KD-R35E   | KD-R35EY  | KD-R38EE   |
| KD-R411E  | KD-R411EY | KD-R411EU  |
| KD-R412E  | KD-R412EY | KD-R412EU  |
| KD-R414UI | KD-R415U  | KD-R415UN  |
| KD-R415UT | KD-R415UH | KD-R415UW  |
| KD-R416U  | KD-R416UN | KD-R416UT  |
| KD-R416UH | KD-R416UW | KD-R417EE  |
| KD-R418J  | KD-R418UF | KD-R416SUN |
|           | KD-R419UR | KD-S27J    |

## ■ 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

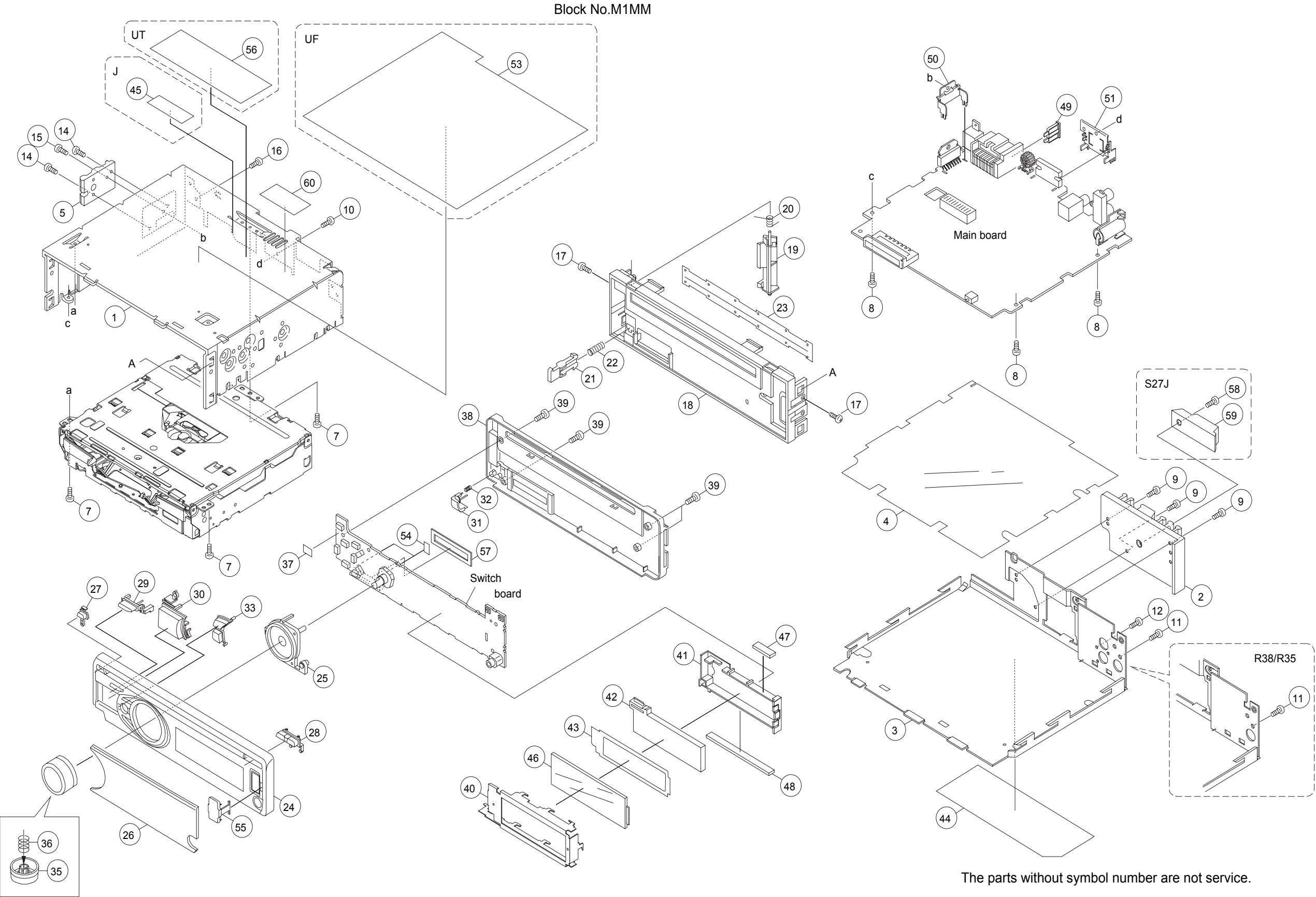
Certain parts of the power circuits and the GNDs differ according to the models. Care must be taken for the following points as the differences are indicated separately in the LIVE GND () and the ISOLATED (NEUTRAL) GND ()

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%<br>-10% | +50%<br>-10% | +80%<br>-20% | +100%<br>-0% |

Exploded view of general assembly



| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe                    | Symbol No. | Parts No.    | Parts Name     | Description | QTY | Local                                                       |
|-------------------------|------------|--------------|----------------|-------------|-----|-------------------------------------------------------------|
| General assembly <M1MM> |            |              |                |             |     |                                                             |
| 1                       |            | GE10248-004A | TOP CHASSIS    |             | 1   | A,B,C,J,K,L,M,N,O,P,Q,R,<br>S,T,U,V,W,X,Y,Z                 |
| 1                       |            | GE10248-011A | TOP CHASSIS    |             | 1   | D,E,F,G,H,I                                                 |
| 2                       |            | GE33323-002A | HEAT SINK      |             | 1   |                                                             |
| 3                       |            | GE20248-009A | BOTTOM COVER   |             | 1   | A,B,C                                                       |
| 3                       |            | GE20248-008A | BOTTOM COVER   |             | 1   | D,E,F,G,H,I                                                 |
| 3                       |            | GE20248-007A | BOTTOM COVER   |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>V,W,X,Y,Z                       |
| 4                       |            | GE33325-003A | INSULATOR      |             | 1   |                                                             |
| 5                       |            | GE40395-002A | SIDE PANEL     |             | 1   |                                                             |
| 7                       |            | QYSDST2604ZA | TAP SCREW      | M2.6 x 4mm  | 3   |                                                             |
| 8                       |            | GE40377-002A | SCREW          |             | 3   |                                                             |
| 9                       |            | GE40377-003A | SPECIAL SCREW  |             | 3   |                                                             |
| 10                      |            | QYSDST2606ZA | TAP SCREW      | M2.6 x 6mm  | 1   |                                                             |
| 11                      |            | QYSDST2606ZA | TAP SCREW      | M2.6 x 6mm  | 1   |                                                             |
| 12                      |            | QYSDSF2606ZA | TAP SCREW      | M2.6 x 6mm  | 1   |                                                             |
| 14                      |            | GE40377-002A | SCREW          |             | 2   | D,E,F,G,H,I,J,K,L,M,N,O,<br>P,Q,R,S,T,U,V,W,X,Y,Z           |
| 15                      |            | QYSDST2608ZA | TAP SCREW      | M2.6 x 8mm  | 1   |                                                             |
| 16                      |            | QYSDST2604ZA | TAP SCREW      | M2.6 x 4mm  | 1   |                                                             |
| 17                      |            | QYSDST2004ZA | TAP SCREW      | M2 x 4mm    | 2   |                                                             |
| 18                      |            | GE10242-012A | FRONT CHASSIS  |             | 1   |                                                             |
| 19                      |            | GE33792-001A | LOCK LEVER     |             | 1   |                                                             |
| 20                      |            | GE40368-002A | TORSION SPRING |             | 1   |                                                             |
| 21                      |            | GE32810-001A | RELEASE LEVER  |             | 1   |                                                             |
| 22                      |            | GE30999-008A | COMP.SPRING    |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M,<br>N,O,Q,R,S,T,U,V,W,X,Y,<br>P,Z |
| 22                      |            | GE30999-004A | COMP.SPRING    |             | 1   |                                                             |
| 23                      |            | GE40432-001A | BLIND          |             | 1   |                                                             |
| 24                      |            | GE10268-002A | FRONT PANEL    |             | 1   | A,B,C,W,Y                                                   |
| 24                      |            | GE10268-001A | FRONT PANEL    |             | 1   | D,E,F,G,H,I,P,Q,R,S,T,U,<br>V,X,Z                           |
| 24                      |            | GE10268-003A | FRONT PANEL    |             | 1   | J,K,L,M,N,O                                                 |
| 25                      |            | GE33795-001A | RIM LENS       |             | 1   |                                                             |
| 26                      |            | GE33794-011A | FINDER ASSY    |             | 1   | A,B                                                         |
| 26                      |            | GE33794-012A | FINDER ASSY    |             | 1   | C                                                           |
| 26                      |            | GE33794-002A | FINDER ASSY    |             | 1   | D,E,F                                                       |
| 26                      |            | GE33794-010A | FINDER ASSY    |             | 1   | G,H,I                                                       |
| 26                      |            | GE33794-014A | FINDER ASSY    |             | 1   | J                                                           |
| 26                      |            | GE33794-008A | FINDER ASSY    |             | 1   | K,L,M,N,O                                                   |
| 26                      |            | GE33794-009A | FINDER ASSY    |             | 1   | P,Q,R,S,T,U                                                 |
| 26                      |            | GE33794-003A | FINDER ASSY    |             | 1   | V                                                           |
| 26                      |            | GE33794-001A | FINDER ASSY    |             | 1   | W                                                           |
| 26                      |            | GE33794-007A | FINDER ASSY    |             | 1   | X                                                           |
| 26                      |            | GE33794-020A | FINDER ASSY    |             | 1   | Y                                                           |
| 26                      |            | GE33794-022A | FINDER ASSY    |             | 1   | Z                                                           |
| 27                      |            | GE33778-001A | EJECT BUTTON   |             | 1   |                                                             |
| 28                      |            | GE33779-001A | DISP. BUTTON   |             | 1   |                                                             |
| 29                      |            | GE33780-001A | SRC BUTTON     |             | 1   |                                                             |
| 30                      |            | GE33781-001A | NAVI BUTTON    |             | 1   |                                                             |
| 31                      |            | GE33782-001A | DETACH BUTTON  |             | 1   | A,B,C,D,E,F,G,H,I,P,Q,R,<br>S,T,U,V,W,X,Y,Z                 |
| 31                      |            | GE33782-002A | DETACH BUTTON  |             | 1   | J,K,L,M,N,O                                                 |
| 32                      |            | GE30999-009A | COMP.SPRING    |             | 1   |                                                             |
| 33                      |            | GE33784-005A | BACK BUTTON    |             | 1   | A,B,C,D,E,F,G,H,I,V                                         |
| 33                      |            | GE33784-004A | BACK BUTTON    |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y,Z                         |
| 35                      |            | GE33785-002A | VOL.KNOB       |             | 1   | A,B,C,W,Y                                                   |
| 35                      |            | GE33785-001A | VOL.KNOB       |             | 1   | D,E,F,G,H,I,J,K,L,M,N,O,<br>P,Q,R,S,T,U,V,X,Z               |
| 36                      |            | GE40127-005A | KNOB SPRING    |             | 1   |                                                             |
| 37                      |            | FSYH4036-069 | SHEET          |             | 1   |                                                             |
| 38                      |            | GE10269-002A | REAR COVER     |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M,<br>N,O,P,Q,R,S,T,U,V,W,X,<br>Y   |
| 38                      |            | GE10269-003A | REAR COVER     |             | 1   | Z                                                           |
| 39                      |            | VKZ4777-010  | MINI SCREW     |             | 4   |                                                             |
| 40                      |            | GE33787-001A | LCD CASE       |             | 1   |                                                             |
| 41                      |            | GE33788-001A | LENS CASE      |             | 1   |                                                             |
| 42                      |            | GE33789-001A | LCD LENS       |             | 1   |                                                             |
| 43                      |            | GE40480-001A | LIGHTING SHEET |             | 1   |                                                             |
| 44                      |            | GE34003-002A | NAME PLATE     |             | 1   | A,B                                                         |
| 44                      |            | GE33775-001A | NAME PLATE     |             | 1   | C                                                           |
| 44                      |            | GE33825-002A | NAME PLATE     |             | 1   | D,E,F                                                       |

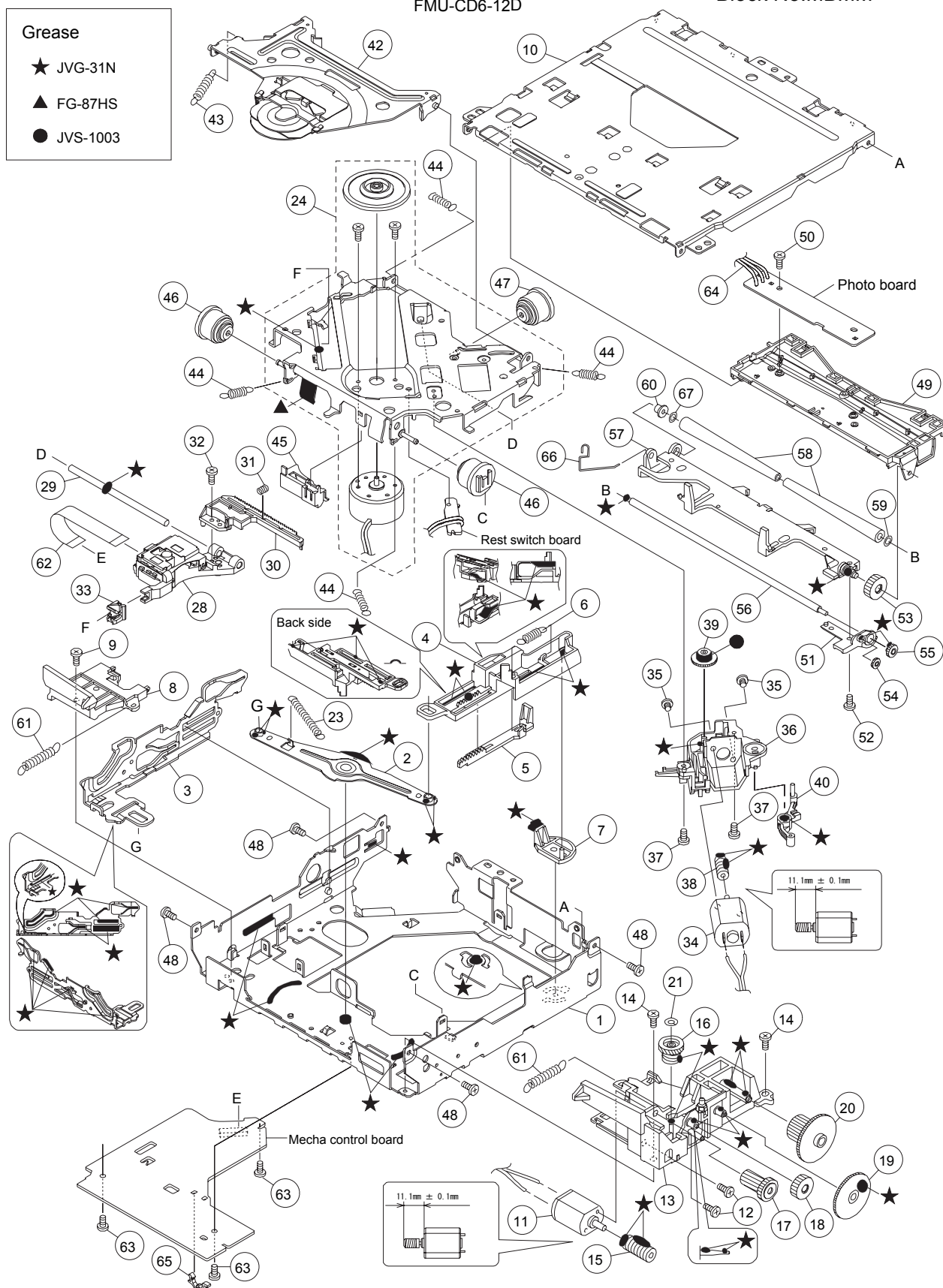
| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.      | Parts Name     | Description | QTY | Local                                             |
|------|------------|----------------|----------------|-------------|-----|---------------------------------------------------|
|      | 44         | GE34000-002A   | NAME PLATE     |             | 1   | G,H,I                                             |
|      | 44         | GE33899-001A   | NAME PLATE     |             | 1   | J                                                 |
|      | 44         | GE33822-001A   | NAME PLATE     |             | 1   | K,L,M,N,O                                         |
|      | 44         | GE34067-001A   | NAME PLATE     |             | 1   | P                                                 |
|      | 44         | GE33896-001A   | NAME PLATE     |             | 1   | Q,R,S,T,U                                         |
|      | 44         | GE33828-001A   | NAME PLATE     |             | 1   | V                                                 |
|      | 44         | GE33819-001A   | NAME PLATE     |             | 1   | W                                                 |
|      | 44         | GE33902-001A   | NAME PLATE     |             | 1   | X                                                 |
|      | 44         | GE34371-001A   | NAME PLATE     |             | 1   | Z                                                 |
|      | 45         | GE40442-001A   | FCC RULE LABEL |             | 1   | W,Z                                               |
|      | 46         | QLD0630-001    | 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,W,X,Y |
|      | 46         | QLD0672-001    | LCD MODULE     |             | 1   | Z                                                 |
|      | 47         | QNZ1002-001    | RUBBER CONNE   |             | 1   |                                                   |
|      | 48         | QNZ1003-001    | RUBBER CONNE   |             | 1   |                                                   |
| △    | 49         | QMFZ064-150-J1 | FUSE           | 15A         | 1   |                                                   |
|      | 50         | GE40439-001A   | POWER IC BKT   |             | 1   |                                                   |
|      | 51         | GE40308-001A   | REGULATOR BKT  |             | 1   |                                                   |
|      | 53         | GE33440-001A   | TOP SHEET      |             | 1   | X                                                 |
|      | 54         | GE40218-0A7A   | SHEET          |             | 2   | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y |
|      | 55         | GE33046-001A   | USB RUBBER     |             | 1   |                                                   |
|      | 56         | GE33884-002A   | UT LABEL       |             | 1   | N                                                 |
|      | 56         | GE33884-011A   | UT LABEL       |             | 1   | T                                                 |
|      | 57         | GE40493-002A   | SHEET          |             | 1   | Z                                                 |
|      | 58         | GE40539-001A   | SPECIAL SCREW  |             | 1   | Z                                                 |
|      | 59         | GE40225-001A   | CAR STEREO TAG |             | 1   | Z                                                 |
|      | 60         | GE40282-001A   | LABEL          |             | 1   | Z                                                 |

# CD mechanism assembly

FMU-CD6-12D

Block No.MBMM



The parts without symbol number are not service.

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe                              | Symbol No. | Parts No.     | Parts Name    | Description        | QTY | Local                                                       |
|-----------------------------------|------------|---------------|---------------|--------------------|-----|-------------------------------------------------------------|
| CD mechanism (FMU-CD6-12D) <MBMM> |            |               |               |                    |     |                                                             |
| 1                                 |            | LV11598-001A  | MECHA FRAME   |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 2                                 |            | LV36800-002A  | LINK ARM      |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 3                                 |            | LV22300-002A  | SLIDE CAM (L) |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 4                                 |            | LV22298-002A  | SLIDE CAM(R)  |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 5                                 |            | LV36802-001A  | LOAD RACK     |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 6                                 |            | LV44552-001A  | RETURN SPRING |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 7                                 |            | LV36803-002A  | F LOCK LEVER  |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 8                                 |            | LV36804-002A  | CAM COVER     |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 9                                 |            | VKZ4539-054   | MINI SCREW    |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 10                                |            | LV11260-003A  | TOP COVER     |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 11                                |            | QAR0373-002   | MOTOR         |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 12                                |            | QYSPSPT2025MA | SCREW         | M2 x 2.5mm         | 2   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 13                                |            | LV36903-003A  | L M BASE ASSY |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 14                                |            | VKZ4539-054   | MINI SCREW    |                    | 2   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 15                                |            | LV36806-001A  | L WORM GEAR   |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 16                                |            | LV36805-003A  | M WHEEL GEAR  |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 17                                |            | LV36807-001A  | A WHEEL GEAR  |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 18                                |            | LV36808-001A  | R ACT GEAR(1) |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 19                                |            | LV36809-001A  | LOAD ACT GEAR |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 20                                |            | LV36810-001A  | LOADING GEAR  |                    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 21                                |            | QYWDL1230250  | SLIT WASHER   | 3mm/1.2mm x 0.25mm | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.     | Parts Name         | Description  | QTY | Local                                                       |
|------|------------|---------------|--------------------|--------------|-----|-------------------------------------------------------------|
| 23   |            | LV44658-001A  | LINK SPRING        |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 24   |            | CM-FLMCD1D    | SPINDLE MOTOR ASSY |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 28   |            | QAL1226-001   | PICK UP            |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 29   |            | LV44555-001A  | MAIN SHAFT         |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 30   |            | LV36799-001A  | RACK PLATE         |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 31   |            | LV45227-001A  | RACK SPRING        |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 32   |            | QYSPSGT1745ZA | TAP SCREW          | M1.7 x 4.5mm | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 33   |            | LV36813-201A  | SUB GUIDE CAP      |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 34   |            | QAR0144-003   | MOTOR              | 2.0V DC      | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 35   |            | QYSPSPT2025MA | SCREW              | M2 x 2.5mm   | 2   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 36   |            | LV22296-001A  | F MOTOR HOLDER     |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 37   |            | VKZ4539-054   | MINI SCREW         |              | 2   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 38   |            | LV36814-001A  | F WORM GEAR        |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 39   |            | LV36815-002A  | F WHEEL GEAR       |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 40   |            | LV36816-001A  | TRIGGER ARM        |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 42   |            | LV38975-001A  | CLAMPER ASSY       |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 43   |            | LV44557-002A  | CLAMPER SPRING     |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 44   |            | LV44558-001A  | SUS SPRING         |              | 4   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 45   |            | LV36820-001A  | WIRE HOLDER        |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 46   |            | LV36904-001A  | DAMPER             |              | 2   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 47   |            | LV37061-001A  | DAMPER             |              | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 48   |            | VKZ4539-054   | MINI SCREW         |              | 4   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe                                                                            | Symbol No. | Parts No.      | Parts Name      | Description | QTY | Local                                                       |
|---------------------------------------------------------------------------------|------------|----------------|-----------------|-------------|-----|-------------------------------------------------------------|
| 49                                                                              |            | LV11264-003A   | DISC PLATE      |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 50                                                                              |            | LV44586-001A   | SPECIAL SCREW   |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 51                                                                              |            | LV36801-002A   | GEAR HOLDER     |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 52                                                                              |            | VKZ4539-054    | MINI SCREW      |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 53                                                                              |            | LV36821-201A   | R ACT GEAR(2)   |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 54                                                                              |            | LV36822-201A   | R ACT GEAR(3)   |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 55                                                                              |            | LV36823-201A   | ROLLER GEAR     |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 56                                                                              |            | LV44559-004A   | ROLLER SHAFT    |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 57                                                                              |            | LV22744-001A   | R HOLDER ASSY 2 |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 58                                                                              |            | LV44560-001A   | ROLLER          |             | 2   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 59                                                                              |            | LV44590-001A   | WASHER          |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 60                                                                              |            | LV45268-001A   | ROLLER COLLAR 2 |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 61                                                                              |            | LV44562-002A   | ROLLER SPRING   |             | 2   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 62                                                                              |            | QAL0817-003    | FPC             |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 63                                                                              |            | VKZ4539-054    | MINI SCREW      |             | 3   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 64                                                                              |            | WJS0085-001A-E | E-FL/RB WIRE    |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 65                                                                              |            | LV34916-002A   | WIRE CLAMP      |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 66                                                                              |            | LV45269-001A   | R HOLDER ROD    |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| 67                                                                              |            | LV45270-001A   | WASHER 2        |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
| Electrical parts list Main board R414UI,R415/R416U,UN,UT,UH,UW,R418J,R418UF<01> |            |                |                 |             |     |                                                             |
| △                                                                               | IC1        | TEF6606T/V5-X  | IC              |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X                               |
|                                                                                 | IC161      | TDA7718N-X     | IC              |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X                               |
| △                                                                               | IC301      | TB2926CHQ      | IC              |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X                               |
|                                                                                 | IC381      | NJM2160BV-X    | IC              |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,X                                     |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.       | Parts Name      | Description | QTY | Local                     |
|------|------------|-----------------|-----------------|-------------|-----|---------------------------|
|      |            | IC581           | NJM4565E-X      | IC          | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
| △    | IC701      | MN101E16KEK     | IC(MCU)         |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | IC702      | S-80824CNNB-G-W | IC              |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | IC702 or   | IC-PST3424U-X   | IC              |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | IC771      | R1EX24002ASAA-X | IC              |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
| △    | IC901      | R2S25400DS-E    | IC              |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | IC951      | XC6213B332NG-X  | IC              |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q331       | IMX9-W          | PAIR TRANSISTOR |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q701       | RT1N141C-X      | DIGI TRANSISTOR |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q701 or    | UN2211-X        | TRANSISTOR      |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q781       | RT1P141C-X      | DIGI TRANSISTOR |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q781 or    | UN2111-X        | TRANSISTOR      |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q782       | 2SC1623A/5-6/-X | TRANSISTOR      |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q782 or    | 2SC3928A/QR/-X  | TRANSISTOR      |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q784       | RT1P141C-X      | DIGI TRANSISTOR |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q784 or    | UN2111-X        | TRANSISTOR      |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q921       | 2SB1132/QR/-W   | TRANSISTOR      |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | Q922       | RT1N141C-X      | DIGI TRANSISTOR |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | Q922 or    | UN2211-X        | TRANSISTOR      |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | Q976       | RT1N141C-X      | DIGI TRANSISTOR |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q976 or    | UN2211-X        | TRANSISTOR      |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q977       | 2SA812A/5-6/-X  | TRANSISTOR      |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q977 or    | ISA1530AC1/QR/X | TRANSISTOR      |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q978       | 2SC1623A/5-6/-X | TRANSISTOR      |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | Q978 or    | 2SC3928A/QR/-X  | TRANSISTOR      |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D331       | BAW56-TP-X      | SI DIODE        |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D331 or    | MC2836-X        | DIODE           |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D712       | HSU119-X        | SI DIODE        |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D712 or    | MA111-X         | SI DIODE        |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D715       | RKZ5.1B2KG-X    | Z DIODE         |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D716       | RKZ5.1B2KG-X    | Z DIODE         |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.      | Parts Name  | Description  | QTY | Local                     |
|------|------------|----------------|-------------|--------------|-----|---------------------------|
|      | D717       | RKZ5.1B2KG-X   | Z DIODE     |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D718       | RKZ5.1B2KG-X   | Z DIODE     |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D781       | HSU119-X       | SI DIODE    |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D781 or    | MA111-X        | SI DIODE    |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D782       | NRSA02J-0R0X   | MG RESISTOR | 0Ω 1/10W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D784       | RKZ10B2KG-X    | Z DIODE     |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D784 or    | MA8100/M/-X    | Z DIODE     |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D851       | MBRX130-TP-X   | SB DIODE    |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | D851 or    | MA22D23-X      | SB DIODE    |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | D852       | MBRX130-TP-X   | SB DIODE    |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | D852 or    | MA22D23-X      | SB DIODE    |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | D901       | 1N5401-BPC04   | SI DIODE    |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D901 or    | 1N5401-04      | SI DIODE    |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D903       | HSU119-X       | SI DIODE    |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D903 or    | MA111-X        | SI DIODE    |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D971       | MBRX130-TP-X   | SB DIODE    |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D971 or    | MA22D23-X      | SB DIODE    |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D972       | MBRX130-TP-X   | SB DIODE    |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | D972 or    | MA22D23-X      | SB DIODE    |              | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C1         | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C2         | NDC31HJ-7R0X   | C CAPACITOR | 7pF 50V J    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C3         | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C4         | NCB31CK-224X   | C CAPACITOR | 0.22uF 16V K | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C5         | NDC31HJ-150X   | C CAPACITOR | 15pF 50V J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C7         | NDC31HJ-220X   | C CAPACITOR | 22pF 50V J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C8         | NCJ11EK-106X-A | C CAPACITOR | 10uF 25V K   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C10        | NCB21EK-105X   | C CAPACITOR | 1uF 25V K    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C11        | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C12        | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C13        | NCB21EK-105X   | C CAPACITOR | 1uF 25V K    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C14        | NCB31CK-224X   | C CAPACITOR | 0.22uF 16V K | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name  | Description  | QTY | Local                     |
|------|------------|--------------|-------------|--------------|-----|---------------------------|
|      | C15        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C16        | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C17        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C18        | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C19        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C22        | NDC31HJ-120X | C CAPACITOR | 12pF 50V J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C23        | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C24        | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C25        | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C27        | QEKJ1EM-106Z | E CAPACITOR | 10uF 25V M   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C33        | NDC31HJ-5R6X | C CAPACITOR | 5.6pF 50V J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C162       | NCB31CK-105X | C CAPACITOR | 1uF 16V K    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C163       | QTE1H64-225Z | E CAPACITOR | 2.2uF 50V    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C164       | NCB31CK-105X | C CAPACITOR | 1uF 16V K    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C165       | NCB31CK-105X | C CAPACITOR | 1uF 16V K    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C168       | NCB31CK-105X | C CAPACITOR | 1uF 16V K    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C172       | NCB31CK-105X | C CAPACITOR | 1uF 16V K    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C173       | QTE1H64-225Z | E CAPACITOR | 2.2uF 50V    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C174       | NCB31CK-105X | C CAPACITOR | 1uF 16V K    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C175       | QTE1H57-335Z | E CAPACITOR | 3.3uF 50V    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C176       | QTE1H57-335Z | E CAPACITOR | 3.3uF 50V    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C177       | NDC31HJ-560X | C CAPACITOR | 56pF 50V J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C178       | QTE1C57-106Z | E CAPACITOR | 10uF 16V     | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C184       | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C301       | QTE1C66-474Z | E CAPACITOR | 0.47uF 16V   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C302       | QTE1C66-474Z | E CAPACITOR | 0.47uF 16V   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C311       | QTE1C66-474Z | E CAPACITOR | 0.47uF 16V   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C312       | QTE1C66-474Z | E CAPACITOR | 0.47uF 16V   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C315       | NCB31CK-105X | C CAPACITOR | 1uF 16V K    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.      | Parts Name  | Description  | QTY | Local                     |
|------|------------|----------------|-------------|--------------|-----|---------------------------|
|      | C316       | QEKJ1HM-475Z   | E CAPACITOR | 4.7uF 50V M  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C317       | QTE1C57-226Z   | E CAPACITOR | 22uF 16V     | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C326       | QERF1CM-226Z-E | E CAPACITOR | 22uF 16V M   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C327       | NCB21AK-225X-A | C CAPACITOR | 2.2uF 10V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C383       | QEKJ1HM-475Z   | E CAPACITOR | 4.7uF 50V M  | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | C384       | QEKJ1HM-475Z   | E CAPACITOR | 4.7uF 50V M  | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | C385       | NCB31HK-104X   | C CAPACITOR | 0.1uF 50V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | C386       | NCB31HK-104X   | C CAPACITOR | 0.1uF 50V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | C387       | NCB31HK-152X   | C CAPACITOR | 1500pF 50V K | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | C388       | NCB31HK-152X   | C CAPACITOR | 1500pF 50V K | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | C389       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M  | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | C390       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M  | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | C392       | QEKJ1CM-106Z   | E CAPACITOR | 10uF 16V M   | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | C393       | QEKJ1HM-475Z   | E CAPACITOR | 4.7uF 50V M  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C394       | QEKJ1HM-475Z   | E CAPACITOR | 4.7uF 50V M  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C583       | NCB31HK-821X   | C CAPACITOR | 820pF 50V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C584       | NCB31HK-821X   | C CAPACITOR | 820pF 50V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C585       | QTE1H57-475Z   | E CAPACITOR | 4.7uF 50V    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C586       | QTE1H57-475Z   | E CAPACITOR | 4.7uF 50V    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C587       | NDC31HJ-151X   | C CAPACITOR | 150pF 50V J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C588       | NDC31HJ-151X   | C CAPACITOR | 150pF 50V J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C590       | QTE0J57-476Z   | E CAPACITOR | 47uF 6.3V    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C591       | QTE1A57-107Z   | E CAPACITOR | 100uF 10V    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C592       | NCB31HK-104X   | C CAPACITOR | 0.1uF 50V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C703       | NDC31HJ-8R0X   | C CAPACITOR | 8pF 50V J    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C704       | NDC31HJ-9R0X   | C CAPACITOR | 9pF 50V J    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C707       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C708       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C709       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C711       | QEKJ0JM-476Z   | E CAPACITOR | 47uF 6.3V M  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C714       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C715       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C717       | NCB31HK-821X   | C CAPACITOR | 820pF 50V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C718       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C719       | QERF1AM-107Z   | E CAPACITOR | 100uF 10V M  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.      | Parts Name  | Description   | QTY | Local                     |
|------|------------|----------------|-------------|---------------|-----|---------------------------|
|      | C720       | NDC31HJ-820X   | C CAPACITOR | 82pF 50V J    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C721       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C722       | QERF1EM-475Z   | E CAPACITOR | 4.7uF 25V M   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C725       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K     | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C733       | NCJ11EK-106X-A | C CAPACITOR | 10uF 25V K    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C736       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C737       | NDC31HJ-101X   | C CAPACITOR | 100pF 50V J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C771       | NCB31CK-473X   | C CAPACITOR | 0.047uF 16V K | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C781       | QEKJ0JM-107Z   | E CAPACITOR | 100uF 6.3V M  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C784       | QERF1CM-107Z   | E CAPACITOR | 100uF 16V M   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C851       | QEKJ1EM-106Z   | E CAPACITOR | 10uF 25V M    | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | C852       | NCB31CK-224X   | C CAPACITOR | 0.22uF 16V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | C901       | QEZ0870-278    | E CAPACITOR | 2700uF        | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C902       | NCB31AK-474X   | C CAPACITOR | 0.47uF 10V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C903       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C904       | QERF1AM-227Z   | E CAPACITOR | 220uF 10V M   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C905       | QEKJ1CM-476Z   | E CAPACITOR | 47uF 16V M    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C906       | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C907       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C908       | QEKJ1CM-476Z   | E CAPACITOR | 47uF 16V M    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C910       | QEKJ1EM-106Z   | E CAPACITOR | 10uF 25V M    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C912       | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C913       | QEKJ1EM-106Z   | E CAPACITOR | 10uF 25V M    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C915       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C917       | QERF0JM-337Z   | E CAPACITOR | 330uF 6.3V M  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C951       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C952       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C971       | NCB31HK-104X   | C CAPACITOR | 0.1uF 50V K   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | C991       | NCB31HK-472X   | C CAPACITOR | 4700pF 50V K  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R1         | NRSA63J-474X   | MG RESISTOR | 470kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name  | Description   | QTY | Local                     |
|------|------------|--------------|-------------|---------------|-----|---------------------------|
|      | R2         | NRSA63J-474X | MG RESISTOR | 470kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R3         | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R4         | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R5         | NRSA02J-470X | MG RESISTOR | 47Ω 1/10W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R6         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R7         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R8         | NRSA02J-470X | MG RESISTOR | 47Ω 1/10W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R11        | NRS181J-4R7X | MG RESISTOR | 4.7Ω 1/8W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R14        | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R15        | NRS181J-472X | MG RESISTOR | 4.7kΩ 1/8W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R161       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R162       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R163       | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R164       | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R165       | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R168       | NRS181J-103X | MG RESISTOR | 10kΩ 1/8W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R169       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R171       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R172       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R305       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R309       | NRS181J-100X | MG RESISTOR | 10Ω 1/8W J    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R310       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R341       | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R342       | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R343       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R344       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R351       | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R352       | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R353       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name  | Description   | QTY | Local                         |
|------|------------|--------------|-------------|---------------|-----|-------------------------------|
|      | R354       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R381       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,X       |
|      | R382       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,X       |
|      | R383       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,X       |
|      | R384       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,X       |
|      | R385       | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,X       |
|      | R386       | NRS181J-223X | MG RESISTOR | 22kΩ 1/8W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,X       |
|      | R387       | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,X       |
|      | R388       | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,X       |
|      | R389       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | W                             |
|      | R390       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | W                             |
|      | R583       | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R584       | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R585       | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R586       | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R587       | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R588       | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R591       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R592       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R593       | NRS181J-223X | MG RESISTOR | 22kΩ 1/8W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R594       | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R701       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R702       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R703       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R704       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R707       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R708       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R710       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,X       |
|      | R711       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | W                             |
|      | R713       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R715       | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R716       | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R720       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R724       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R725       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R726       | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |
|      | R727       | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W<br>,X |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name  | Description   | QTY | Local                     |
|------|------------|--------------|-------------|---------------|-----|---------------------------|
|      | R728       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R730       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R731       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R732       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R733       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R736       | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R737       | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R738       | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R739       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R741       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R742       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R744       | NRS181J-101X | MG RESISTOR | 100Ω 1/8W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R746       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R747       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R748       | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R749       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R750       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R752       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R753       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R755       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R756       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R758       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R759       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R761       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R762       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R763       | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R765       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R766       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R767       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name  | Description   | QTY | Local                     |
|------|------------|--------------|-------------|---------------|-----|---------------------------|
|      | R771       | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R772       | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R774       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R775       | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R777       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R779       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R781       | NRS181J-473X | MG RESISTOR | 47kΩ 1/8W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R782       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R783       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R784       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R851       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | R901       | QRE141J-103Y | C RESISTOR  | 10kΩ 1/4W J   | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R902       | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R903       | NRSA02J-472X | MG RESISTOR | 4.7kΩ 1/10W J | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R921       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | R922       | QRE141J-102Y | C RESISTOR  | 1kΩ 1/4W J    | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | R930       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R952       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | J,K,L,M,N,O,Q,R,S,T,U,X   |
|      | R971       | NRS181J-332X | MG RESISTOR | 3.3kΩ 1/8W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R976       | NRSA02J-273X | MG RESISTOR | 27kΩ 1/10W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | R977       | NRSA02J-123X | MG RESISTOR | 12kΩ 1/10W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | L1         | NQL093K-R47X | P COIL      | 0.47uH K      | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | L2         | NQL093K-1R8X | P COIL      | 1.8uH K       | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | L3         | NQL093K-R22X | P COIL      | 0.22uH K      | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | L4         | QQR1872-001  | RF COIL     |               | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | L5         | QQL244J-561Z | COIL        | 560uH J       | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | L6         | QQL244J-561Z | COIL        | 560uH J       | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | L8         | QQL231K-4R7Y | INDUCTOR    | 4.7uH K       | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | L9         | QQL231K-4R7Y | INDUCTOR    | 4.7uH K       | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | L31        | NQL093K-R47X | P COIL      | 0.47uH K      | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | L701       | QQL231K-4R7Y | INDUCTOR    | 4.7uH K       | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name    | Description | QTY | Local                     |
|------|------------|--------------|---------------|-------------|-----|---------------------------|
|      | L702       | QQL231K-4R7Y | INDUCTOR      | 4.7uH K     | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
| △    | L901       | QQR1852-001  | CHOKO COIL    |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
| △    | L901 or    | QQR0703-001  | CHOKO COIL    |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | L930       | NQLH25M-4R7X | COIL          | 4.7uH M     | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | CN501      | QGB2027ME-28 | CONNECTOR     | B-B (1-28)  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | CN701      | QGZ1101J1-20 | CONNECTOR     | (1-20)      | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | CN901      | QNZ0607-001  | CAR CONNECTOR |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | J1         | QNB0190-001  | ANT TERMINAL  |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | J1 or      | QNB0348-001  | ANT TERMINAL  |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | J321       | QNN0802-001  | PIN JACK      |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | K162       | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J  | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | S701       | QSW0648-001Z | TACT SWITCH   |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | X1         | QAX0952-001Z | CRYSTAL       |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | X701       | QAX0667-001Z | C RESONATOR   | 8.000MHz    | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |
|      | X702       | QAX0953-001  | CRYSTAL       |             | 1   | J,K,L,M,N,O,Q,R,S,T,U,W,X |

Main board R35E,EY,R38EE,R411/R412E,EY,EU,R417EE<02>

|   |          |                 |                 |            |   |                     |
|---|----------|-----------------|-----------------|------------|---|---------------------|
| △ | IC1      | TEF6606T/V5-X   | IC              |            | 1 | A,B,C,D,E,F,G,H,I,V |
| △ | IC71     | LC72725KV-X     | IC              |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | IC161    | TDA7718N-X      | IC              |            | 1 | A,B,C,D,E,F,G,H,I,V |
| △ | IC301    | TB2926CHQ       | IC              |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | IC581    | NJM4565E-X      | IC              |            | 1 | A,B,C,D,E,F,G,H,I,V |
| △ | IC701    | MN101E16KEM     | IC(MCU)         |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | IC702    | S-80824CNNB-G-W | IC              |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | IC702 or | IC-PST3424U-X   | IC              |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | IC771    | R1EX24016ASAA-X | IC              |            | 1 | A,B,C,D,E,F,G,H,I,V |
| △ | IC901    | R2S25400DS-E    | IC              |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | IC951    | XC6213B332NG-X  | IC              |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q331     | IMX9-W          | PAIR TRANSISTOR |            | 1 | D,E,F,G,H,I,V       |
|   | Q701     | RT1N141C-X      | DIGI TRANSISTOR |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q701 or  | UN2211-X        | TRANSISTOR      |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q781     | RT1P141C-X      | DIGI TRANSISTOR |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q781 or  | UN2111-X        | TRANSISTOR      |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q782     | 2SC1623A/5-6/-X | TRANSISTOR      |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q782 or  | 2SC3928A/QR/-X  | TRANSISTOR      |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q784     | RT1P141C-X      | DIGI TRANSISTOR |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q784 or  | UN2111-X        | TRANSISTOR      |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q891     | RT1N141C-X      | DIGI TRANSISTOR |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q891 or  | UN2211-X        | TRANSISTOR      |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q976     | RT1N141C-X      | DIGI TRANSISTOR |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q976 or  | UN2211-X        | TRANSISTOR      |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q977     | 2SA812A/5-6/-X  | TRANSISTOR      |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q977 or  | ISA1530AC1/QR/X | TRANSISTOR      |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q978     | 2SC1623A/5-6/-X | TRANSISTOR      |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | Q978 or  | 2SC3928A/QR/-X  | TRANSISTOR      |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | D331     | BAW56-TP-X      | SI DIODE        |            | 1 | D,E,F,G,H,I,V       |
|   | D331 or  | MC2836-X        | DIODE           |            | 1 | D,E,F,G,H,I,V       |
|   | D712     | HSU119-X        | SI DIODE        |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | D712 or  | MA111-X         | SI DIODE        |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | D715     | RKZ5.1B2KG-X    | Z DIODE         |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | D716     | RKZ5.1B2KG-X    | Z DIODE         |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | D717     | RKZ5.1B2KG-X    | Z DIODE         |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | D718     | RKZ5.1B2KG-X    | Z DIODE         |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | D781     | HSU119-X        | SI DIODE        |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | D781 or  | MA111-X         | SI DIODE        |            | 1 | A,B,C,D,E,F,G,H,I,V |
|   | D782     | NRSA02J-0R0X    | MG RESISTOR     | 0Ω 1/10W J | 1 | A,B,C,D,E,F,G,H,I,V |
|   | D784     | RKZ10B2KG-X     | Z DIODE         |            | 1 | A,B,C,D,E,F,G,H,I,V |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No. | Parts Name     | Description | QTY | Local               |
|------|------------|-----------|----------------|-------------|-----|---------------------|
|      | D784       | or        | MA8100/MI-X    | Z DIODE     | 1   | A,B,C,D,E,F,G,H,I,V |
|      | D891       |           | BAW56-TP-X     | SI DIODE    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | D891       | or        | MC2836-X       | DIODE       | 1   | A,B,C,D,E,F,G,H,I,V |
|      | D901       |           | 1N5401-BPC04   | SI DIODE    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | D901       | or        | 1N5401-04      | SI DIODE    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | D903       |           | HSU119-X       | SI DIODE    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | D903       | or        | MA111-X        | SI DIODE    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | D971       |           | MBRX130-TP-X   | SB DIODE    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | D971       | or        | MA22D23-X      | SB DIODE    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | D972       |           | MBRX130-TP-X   | SB DIODE    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | D972       | or        | MA22D23-X      | SB DIODE    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C1         |           | NCB31HK-102X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C2         |           | NDC31HJ-7R0X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C3         |           | NCB31HK-102X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C4         |           | NCB31CK-224X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C5         |           | NDC31HJ-150X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C7         |           | NDC31HJ-220X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C8         |           | NCJ11EK-106X-A | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C10        |           | NCB21EK-105X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C11        |           | NCB31HK-103X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C12        |           | NCB31HK-103X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C13        |           | NCB21EK-105X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C14        |           | NCB31CK-224X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C15        |           | NCB31CK-104X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C16        |           | NCB31HK-103X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C17        |           | NCB31CK-104X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C18        |           | NCB31HK-103X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C19        |           | NCB31CK-104X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C22        |           | NDC31HJ-120X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C23        |           | NCB31CK-104X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C24        |           | NCB31HK-103X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C25        |           | NCB31HK-103X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C27        |           | QEKJ1EM-106Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C33        |           | NDC31HJ-5R6X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C71        |           | NCB31HK-561X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C72        |           | NDC31HJ-331X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C73        |           | QEKJ1EM-106Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C74        |           | NDC31HJ-270X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C75        |           | NDC31HJ-270X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C76        |           | NCB31HK-103X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C77        |           | QEKJ03M-476Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C78        |           | NCB31HK-103X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C162       |           | NCB31CK-105X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C163       |           | QTE1H64-225Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C164       |           | NCB31CK-105X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C165       |           | NCB31CK-105X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C168       |           | NCB31CK-105X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C172       |           | NCB31CK-105X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C173       |           | QTE1H64-225Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C174       |           | NCB31CK-105X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C175       |           | QTE1H57-335Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C176       |           | QTE1H57-335Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C177       |           | NDC31HJ-560X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C178       |           | QTE1C57-106Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C184       |           | NCB31CK-104X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C301       |           | QTE1C66-474Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C302       |           | QTE1C66-474Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C311       |           | QTE1C66-474Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C312       |           | QTE1C66-474Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C315       |           | NCB31CK-105X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C316       |           | QEKJ1HM-475Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C317       |           | QTE1C57-226Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C326       |           | QERF1CM-226Z-E | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C327       |           | NCB21AK-225X-A | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C393       |           | QEKJ1HM-475Z   | E CAPACITOR | 1   | D,E,F,G,H,I,V       |
|      | C394       |           | QEKJ1HM-475Z   | E CAPACITOR | 1   | D,E,F,G,H,I,V       |
|      | C583       |           | NCB31HK-821X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C584       |           | NCB31HK-821X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C585       |           | QTE1H57-475Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C586       |           | QTE1H57-475Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C587       |           | NDC31HJ-151X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C588       |           | NDC31HJ-151X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C590       |           | QTE0J57-476Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C591       |           | QTE1A57-107Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C592       |           | NCB31HK-104X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C703       |           | NDC31HJ-8R0X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C704       |           | NDC31HJ-9R0X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C707       |           | QEKJ1CM-107Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C708       |           | NCB31CK-104X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C709       |           | NCB31CK-104X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C711       |           | QEKJ03M-476Z   | E CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C714       |           | NCB31CK-104X   | C CAPACITOR | 1   | A,B,C,D,E,F,G,H,I,V |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.      | Parts Name  | Description   | QTY | Local               |
|------|------------|----------------|-------------|---------------|-----|---------------------|
|      | C715       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C717       | NCB31HK-821X   | C CAPACITOR | 820pF 50V K   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C718       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C719       | QERF1AM-107Z   | E CAPACITOR | 100uF 10V M   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C720       | NDC31HJ-820X   | C CAPACITOR | 82pF 50V J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C721       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C722       | QERF1EM-475Z   | E CAPACITOR | 4.7uF 25V M   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C723       | NDC31HJ-560X   | C CAPACITOR | 56pF 50V J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C725       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K     | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C733       | NCJ11EK-106X-A | C CAPACITOR | 10uF 25V K    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C736       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C737       | NDC31HJ-101X   | C CAPACITOR | 100pF 50V J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C771       | NCB31CK-473X   | C CAPACITOR | 0.047uF 16V K | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C781       | QEKJ03M-107Z   | E CAPACITOR | 100uF 6.3V M  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C784       | QERF1CM-107Z   | E CAPACITOR | 100uF 16V M   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C891       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C901       | QE20870-278    | E CAPACITOR | 2700uF        | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C902       | NCB31AK-474X   | C CAPACITOR | 0.47uF 10V K  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C903       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C904       | QERF1AM-227Z   | E CAPACITOR | 220uF 10V M   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C905       | QEKJ1CM-476Z   | E CAPACITOR | 47uF 16V M    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C906       | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C907       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C908       | QEKJ1CM-476Z   | E CAPACITOR | 47uF 16V M    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C910       | QEKJ1EM-106Z   | E CAPACITOR | 10uF 25V M    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C912       | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C913       | QEKJ1EM-106Z   | E CAPACITOR | 10uF 25V M    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C915       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C917       | QERF03M-337Z   | E CAPACITOR | 330uF 6.3V M  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C951       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C952       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C971       | NCB31HK-104X   | C CAPACITOR | 0.1uF 50V K   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C991       | NCB31HK-472X   | C CAPACITOR | 4700pF 50V K  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R1         | NRSA63J-474X   | MG RESISTOR | 470kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R2         | NRSA63J-474X   | MG RESISTOR | 470kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R3         | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R4         | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R5         | NRSA02J-470X   | MG RESISTOR | 47Ω 1/10W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R6         | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/10W J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R7         | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/10W J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R8         | NRSA02J-470X   | MG RESISTOR | 47Ω 1/10W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R11        | NRS181J-4R7X   | MG RESISTOR | 4.7Ω 1/8W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R14        | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R15        | NRS181J-472X   | MG RESISTOR | 4.7kΩ 1/8W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R71        | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/10W J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R72        | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R73        | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R74        | NRSA02J-0R0X   | MG RESISTOR | 0Ω 1/10W J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R161       | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R162       | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R163       | NRSA63J-123X   | MG RESISTOR | 12kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R164       | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R165       | NRSA63J-123X   | MG RESISTOR | 12kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R168       | NRS181J-103X   | MG RESISTOR | 10kΩ 1/8W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R169       | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/10W J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R171       | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R172       | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R305       | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R309       | NRS181J-100X   | MG RESISTOR | 10Ω 1/8W J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R310       | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R341       | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J | 1   | D,E,F,G,H,I,V       |
|      | R342       | NRSA63J-821X   | MG RESISTOR | 820Ω 1/16W J  | 1   | D,E,F,G,H,I,V       |
|      | R343       | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J  | 1   | D,E,F,G,H,I,V       |
|      | R344       | NRSA63J-473X   | MG RESISTOR | 47kΩ 1/16W J  | 1   | D,E,F,G,H,I,V       |
|      | R351       | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J | 1   | D,E,F,G,H,I,V       |
|      | R352       | NRSA63J-821X   | MG RESISTOR | 820Ω 1/16W J  | 1   | D,E,F,G,H,I,V       |
|      | R353       | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J  | 1   | D,E,F,G,H,I,V       |
|      | R354       | NRSA63J-473X   | MG RESISTOR | 47kΩ 1/16W J  | 1   | D,E,F,G,H,I,V       |
|      | R389       | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/10W J    | 1   | D,E,F,G,H,I,V       |
|      | R390       | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/10W J    | 1   | D,E,F,G,H,I,V       |
|      | R583       | NRSA63J-153X   | MG RESISTOR | 15kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R584       | NRSA63J-153X   | MG RESISTOR | 15kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R585       | NRSA63J-562X   | MG RESISTOR | 5.6kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R586       | NRSA63J-562X   | MG RESISTOR | 5.6kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R587       | NRSA63J-273X   | MG RESISTOR | 27kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R588       | NRSA63J-273X   | MG RESISTOR | 27kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R591       | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R592       | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R593       | NRS181J-223X   | MG RESISTOR | 22kΩ 1/8W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R594       | NRSA63J-223X   | MG RESISTOR | 22kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R701       | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R702       | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R703       | NRSA63J-104X   | MG RESISTOR | 100kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R704       | NRSA63J-104X   | MG RESISTOR | 100kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name    | Description   | QTY | Local               |
|------|------------|--------------|---------------|---------------|-----|---------------------|
|      | R707       | NRSA63J-473X | MG RESISTOR   | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R708       | NRSA63J-104X | MG RESISTOR   | 100kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R710       | NRSA63J-104X | MG RESISTOR   | 100kΩ 1/16W J | 1   | C,V                 |
|      | R711       | NRSA63J-473X | MG RESISTOR   | 47kΩ 1/16W J  | 1   | A,B,D,E,F,G,H,I     |
|      | R712       | NRSA63J-104X | MG RESISTOR   | 100kΩ 1/16W J | 1   | A,B,C               |
|      | R713       | NRSA63J-473X | MG RESISTOR   | 47kΩ 1/16W J  | 1   | D,E,F,G,H,I,V       |
|      | R715       | NRSA63J-331X | MG RESISTOR   | 330Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R716       | NRSA63J-471X | MG RESISTOR   | 470Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R720       | NRSA63J-102X | MG RESISTOR   | 1kΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R724       | NRSA63J-102X | MG RESISTOR   | 1kΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R725       | NRSA63J-102X | MG RESISTOR   | 1kΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R726       | NRSA63J-273X | MG RESISTOR   | 27kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R727       | NRSA63J-122X | MG RESISTOR   | 1.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R728       | NRSA63J-102X | MG RESISTOR   | 1kΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R730       | NRSA63J-102X | MG RESISTOR   | 1kΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R731       | NRSA63J-101X | MG RESISTOR   | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R732       | NRSA63J-473X | MG RESISTOR   | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R733       | NRSA63J-473X | MG RESISTOR   | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R736       | NRSA63J-561X | MG RESISTOR   | 560Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R737       | NRSA63J-561X | MG RESISTOR   | 560Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R738       | NRSA63J-561X | MG RESISTOR   | 560Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R739       | NRSA63J-101X | MG RESISTOR   | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R741       | NRSA63J-101X | MG RESISTOR   | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R742       | NRSA63J-101X | MG RESISTOR   | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R743       | NRSA63J-101X | MG RESISTOR   | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R744       | NRS181J-101X | MG RESISTOR   | 100Ω 1/8W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R745       | NRSA63J-271X | MG RESISTOR   | 270Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R746       | NRSA63J-104X | MG RESISTOR   | 100kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R747       | NRSA63J-103X | MG RESISTOR   | 10kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R748       | NRSA63J-122X | MG RESISTOR   | 1.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R749       | NRSA63J-102X | MG RESISTOR   | 1kΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R750       | NRSA63J-104X | MG RESISTOR   | 100kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R752       | NRSA63J-472X | MG RESISTOR   | 4.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R753       | NRSA63J-472X | MG RESISTOR   | 4.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R755       | NRSA63J-472X | MG RESISTOR   | 4.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R756       | NRSA63J-472X | MG RESISTOR   | 4.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R758       | NRSA63J-473X | MG RESISTOR   | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R759       | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/10W J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R761       | NRSA63J-102X | MG RESISTOR   | 1kΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R763       | NRSA63J-823X | MG RESISTOR   | 82kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R764       | NRSA63J-823X | MG RESISTOR   | 82kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R765       | NRSA63J-472X | MG RESISTOR   | 4.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R766       | NRSA63J-472X | MG RESISTOR   | 4.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R767       | NRSA63J-473X | MG RESISTOR   | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R770       | NRS181J-222X | MG RESISTOR   | 2.2kΩ 1/8W J  | 1   | D,E,F,G,H,I         |
|      | R771       | NRSA63J-271X | MG RESISTOR   | 270Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R772       | NRSA63J-271X | MG RESISTOR   | 270Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R773       | NRSA63J-223X | MG RESISTOR   | 22kΩ 1/16W J  | 1   | D,E,F,G,H,I         |
|      | R774       | NRSA63J-473X | MG RESISTOR   | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R775       | NRSA63J-222X | MG RESISTOR   | 2.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R777       | NRSA63J-103X | MG RESISTOR   | 10kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R779       | NRSA63J-101X | MG RESISTOR   | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R781       | NRS181J-473X | MG RESISTOR   | 47kΩ 1/8W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R782       | NRSA63J-472X | MG RESISTOR   | 4.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R783       | NRSA63J-103X | MG RESISTOR   | 10kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R784       | NRSA63J-103X | MG RESISTOR   | 10kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R891       | NRS181J-102X | MG RESISTOR   | 1kΩ 1/8W J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R892       | NRS181J-473X | MG RESISTOR   | 47kΩ 1/8W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R901       | QRE141J-103Y | C RESISTOR    | 10kΩ 1/4W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R902       | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R903       | NRSA02J-472X | MG RESISTOR   | 4.7kΩ 1/10W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R930       | NRSA63J-103X | MG RESISTOR   | 10kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R971       | NRS181J-332X | MG RESISTOR   | 3.3kΩ 1/8W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R976       | NRSA02J-273X | MG RESISTOR   | 27kΩ 1/10W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R977       | NRSA02J-123X | MG RESISTOR   | 12kΩ 1/10W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L1         | NQL093K-R47X | P COIL        | 0.47uH K      | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L2         | NQL093K-1R8X | P COIL        | 1.8uH K       | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L3         | NQL093K-R22X | P COIL        | 0.22uH K      | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L4         | QQR1872-001  | RF COIL       |               | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L5         | QQL244J-561Z | COIL          | 560uH J       | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L6         | QQL244J-561Z | COIL          | 560uH J       | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L8         | QQL231K-4R7Y | INDUCTOR      | 4.7uH K       | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L9         | QQL231K-4R7Y | INDUCTOR      | 4.7uH K       | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L31        | NQL093K-R47X | P COIL        | 0.47uH K      | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L701       | QQL231K-4R7Y | INDUCTOR      | 4.7uH K       | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L702       | QQL231K-4R7Y | INDUCTOR      | 4.7uH K       | 1   | A,B,C,D,E,F,G,H,I,V |
| △    | L901       | QQR1852-001  | CHOKO COIL    |               | 1   | A,B,C,D,E,F,G,H,I,V |
| △    | L901 or    | QQR0703-001  | CHOKO COIL    |               | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L930       | NQLH25M-4R7X | COIL          | 4.7uH M       | 1   | A,B,C,D,E,F,G,H,I,V |
|      | CN501      | QGB2027ME-28 | CONNECTOR     | B-B (1-28)    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | CN701      | QGZ1101J1-20 | CONNECTOR     | (1-20)        | 1   | A,B,C,D,E,F,G,H,I,V |
|      | CN901      | QNZ0607-001  | CAR CONNECTOR |               | 1   | A,B,C,D,E,F,G,H,I,V |
|      | J1         | QNB0190-001  | ANT TERMINAL  |               | 1   | A,B,C,D,E,F,G,H,I,V |
|      | J1 or      | QNB0348-001  | ANT TERMINAL  |               | 1   | A,B,C,D,E,F,G,H,I,V |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe                                                        | Symbol No. | Parts No.     | Parts Name      | Description | QTY | Local                             |
|-------------------------------------------------------------|------------|---------------|-----------------|-------------|-----|-----------------------------------|
|                                                             | J321       | QNN0802-001   | PIN JACK        |             | 1   | D,E,F,G,H,I,V                     |
|                                                             | J702       | QNS0283-001   | 3.5 JACK        |             | 1   | D,E,F,G,H,I                       |
|                                                             | K162       | NRSA02J-0R0X  | MG RESISTOR     | 0Ω 1/10W J  | 1   | A,B,C,D,E,F,G,H,I,V               |
|                                                             | S701       | QSW0648-001Z  | TACT SWITCH     |             | 1   | A,B,C,D,E,F,G,H,I,V               |
|                                                             | X1         | QAX0952-001Z  | CRYSTAL         |             | 1   | A,B,C,D,E,F,G,H,I,V               |
|                                                             | X71        | QAX0954-001Z  | CRYSTAL         |             | 1   | A,B,C,D,E,F,G,H,I,V               |
|                                                             | X701       | QAX0667-001Z  | C RESONATOR     | 8.000MHz    | 1   | A,B,C,D,E,F,G,H,I,V               |
|                                                             | X702       | QAX0953-001   | CRYSTAL         |             | 1   | A,B,C,D,E,F,G,H,I,V               |
| Switch board R414UI,R415/R416U,UN,UT,UH,UW,R418J,R418UF<03> |            |               |                 |             |     |                                   |
|                                                             | IC661      | PTC6526LQ-L   | IC              |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | IC681      | KSM-2003TN2M  | IR DETECT UNIT  |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | IC930      | TPS54040DGQ-X | IC              |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | Q601       | 2SA2188/F-X   | TRANSISTOR      |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | Q602       | RT1N141C-X    | DIGI TRANSISTOR |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | Q602 or    | UN2211-X      | TRANSISTOR      |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X   |
|                                                             | D633       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D634       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D635       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D636       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D638       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D639       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D640       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D641       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D642       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D645       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D646       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D650       | LWA6SG/56L/-X | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D652       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D653       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D654       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D655       | LHQ974/LM/-X  | LED             |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D661       | HSU119-X      | SI DIODE        |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D661 or    | MA111-X       | SI DIODE        |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X   |
|                                                             | D662       | RKZ5.1B2KG-X  | Z DIODE         |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|                                                             | D662 or    | MA8051/M/-X   | Z DIODE         |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X   |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.      | Parts Name  | Description   | QTY | Local                             |
|------|------------|----------------|-------------|---------------|-----|-----------------------------------|
|      | D691       | RKZ5.1B2KG-X   | Z DIODE     |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | D691 or    | MA8051/M/-X    | Z DIODE     |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X   |
|      | D692       | RKZ5.1B2KG-X   | Z DIODE     |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | D692 or    | MA8051/M/-X    | Z DIODE     |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X   |
|      | D930       | MBRX130-TP-X   | SB DIODE    |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | D930 or    | MA22D23-X      | SB DIODE    |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X   |
|      | C661       | NCB21EK-105X   | C CAPACITOR | 1uF 25V K     | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C662       | NDC31HJ-151X   | C CAPACITOR | 150pF 50V J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C663       | NCB31HK-223X   | C CAPACITOR | 0.022uF 50V K | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C665       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C666       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C682       | NCB31HK-104X   | C CAPACITOR | 0.1uF 50V K   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C687       | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C688       | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C692       | NCJ11EK-106X-R | C CAPACITOR | 10uF 25V      | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C693       | NCJ11EK-106X-R | C CAPACITOR | 10uF 25V      | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C930       | NCJ11EK-106X-R | C CAPACITOR | 10uF 25V      | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C931       | NCJ11EK-106X-R | C CAPACITOR | 10uF 25V      | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C932       | NCJ11EK-106X-R | C CAPACITOR | 10uF 25V      | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C933       | NCB31HK-104X   | C CAPACITOR | 0.1uF 50V K   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C934       | NCB31HK-104X   | C CAPACITOR | 0.1uF 50V K   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C935       | NCB31HK-272X   | C CAPACITOR | 2700pF 50V K  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C936       | NDC31HJ-5R6X   | C CAPACITOR | 5.6pF 50V J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C937       | NCJ11EK-106X-R | C CAPACITOR | 10uF 25V      | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C938       | NCJ11EK-106X-R | C CAPACITOR | 10uF 25V      | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | C939       | NDC31HJ-100X   | C CAPACITOR | 10pF 50V J    | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R601       | NRSA63J-821X   | MG RESISTOR | 820Ω 1/16W J  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R602       | NRSA63J-821X   | MG RESISTOR | 820Ω 1/16W J  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R603       | NRSA63J-122X   | MG RESISTOR | 1.2kΩ 1/16W J | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name  | Description           | QTY | Local                             |
|------|------------|--------------|-------------|-----------------------|-----|-----------------------------------|
|      | R604       | NRSA63J-182X | MG RESISTOR | 1.8k $\Omega$ 1/16W J | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R605       | NRSA63J-272X | MG RESISTOR | 2.7k $\Omega$ 1/16W J | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R607       | NRSA63J-821X | MG RESISTOR | 820 $\Omega$ 1/16W J  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R608       | NRSA63J-821X | MG RESISTOR | 820 $\Omega$ 1/16W J  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R609       | NRSA63J-122X | MG RESISTOR | 1.2k $\Omega$ 1/16W J | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R610       | NRSA63J-182X | MG RESISTOR | 1.8k $\Omega$ 1/16W J | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R611       | NRSA63J-272X | MG RESISTOR | 2.7k $\Omega$ 1/16W J | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R612       | NRSA63J-392X | MG RESISTOR | 3.9k $\Omega$ 1/16W J | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R613       | NRSA63J-103X | MG RESISTOR | 10k $\Omega$ 1/16W J  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R631       | NRS181J-471X | MG RESISTOR | 470 $\Omega$ 1/8W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R632       | NRS181J-471X | MG RESISTOR | 470 $\Omega$ 1/8W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R633       | NRS181J-561X | MG RESISTOR | 560 $\Omega$ 1/8W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R634       | NRS181J-471X | MG RESISTOR | 470 $\Omega$ 1/8W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R635       | NRS181J-471X | MG RESISTOR | 470 $\Omega$ 1/8W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R636       | NRS181J-471X | MG RESISTOR | 470 $\Omega$ 1/8W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R637       | NRS181J-471X | MG RESISTOR | 470 $\Omega$ 1/8W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R638       | NRS181J-471X | MG RESISTOR | 470 $\Omega$ 1/8W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R648       | NRS181J-391X | MG RESISTOR | 390 $\Omega$ 1/8W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R649       | NRS181J-391X | MG RESISTOR | 390 $\Omega$ 1/8W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R650       | NRS181J-221X | MG RESISTOR | 220 $\Omega$ 1/8W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R651       | NRS181J-271X | MG RESISTOR | 270 $\Omega$ 1/8W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R652       | NRSA63J-472X | MG RESISTOR | 4.7k $\Omega$ 1/16W J | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R653       | NRS181J-102X | MG RESISTOR | 1k $\Omega$ 1/8W J    | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R654       | NRSA63J-511X | MG RESISTOR | 510 $\Omega$ 1/16W J  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R660       | NRSA63J-394X | MG RESISTOR | 390k $\Omega$ 1/16W J | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R661       | NRSA63J-102X | MG RESISTOR | 1k $\Omega$ 1/16W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R662       | NRSA63J-102X | MG RESISTOR | 1k $\Omega$ 1/16W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R663       | NRSA63J-102X | MG RESISTOR | 1k $\Omega$ 1/16W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R664       | NRSA63J-224X | MG RESISTOR | 220k $\Omega$ 1/16W J | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name     | Description   | QTY | Local                             |
|------|------------|--------------|----------------|---------------|-----|-----------------------------------|
|      | R665       | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R666       | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R667       | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R672       | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/10W J    | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R673       | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/10W J    | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R681       | NRSA63J-471X | MG RESISTOR    | 470Ω 1/16W J  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R682       | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J   | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R690       | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R931       | NRSA63J-432X | MG RESISTOR    | 4.3kΩ 1/16W J | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R932       | NRSA63J-274X | MG RESISTOR    | 270kΩ 1/16W J | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R933       | NRSA63J-681X | MG RESISTOR    | 680Ω 1/16W J  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R934       | NRSA63J-753X | MG RESISTOR    | 75kΩ 1/16W J  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R935       | NRSA63J-753X | MG RESISTOR    | 75kΩ 1/16W J  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R936       | NRSA63D-103X | MG RESISTOR    | 10kΩ 1/16W D  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R937       | NRSA63J-182X | MG RESISTOR    | 1.8kΩ 1/16W J | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | R938       | NRSA63D-513X | MG RESISTOR    | 51kΩ 1/16W D  | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | L601       | NQR0007-002X | FERRITE BEADS  |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | L602       | NQR0007-002X | FERRITE BEADS  |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | L603       | NQR0007-002X | FERRITE BEADS  |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | L691       | NQR0536-001X | CHOKE COIL     |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | L931       | NQL52EM-220X | COIL           | 22uH M        | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | CN601      | QGZ1101K1-20 | CONNECTOR      | (1-20)        | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | CN603      | QNZ1006-001  | USB CONNECTOR  |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | CN603 or   | QNZ0963-002  | USB CONNECTOR  |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | EN601      | QSW1231-002  | ROTARY ENCODER |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | PJ601      | QNS0280-001  | 3.5 JACK       |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | S601       | NSW0326-001X | TACT SWITCH    |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | S602       | NSW0326-001X | TACT SWITCH    |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |
|      | S603       | NSW0326-001X | TACT SWITCH    |               | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Y |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name  | Description | QTY | Local                         |
|------|------------|--------------|-------------|-------------|-----|-------------------------------|
|      | S604       | NSW0326-001X | TACT SWITCH |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,W,X,Y |
|      | S605       | NSW0326-001X | TACT SWITCH |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,W,X,Y |
|      | S606       | NSW0326-001X | TACT SWITCH |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,W,X,Y |
|      | S607       | NSW0326-001X | TACT SWITCH |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,W,X,Y |
|      | S608       | NSW0326-001X | TACT SWITCH |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,W,X,Y |
|      | S609       | NSW0326-001X | TACT SWITCH |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,W,X,Y |
|      | S610       | NSW0326-001X | TACT SWITCH |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,W,X,Y |
|      | S611       | NSW0326-001X | TACT SWITCH |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,W,X,Y |

Switch board R35E,EY,R38EE,R411/R412E,EY,EU,R417EE<04>

|       |    |                 |                 |               |   |                     |
|-------|----|-----------------|-----------------|---------------|---|---------------------|
| IC661 |    | PTC6526LQ-L     | IC              |               | 1 | A,B,C,D,E,F,G,H,I,V |
| IC681 |    | KSM-2003TN2M    | IR DETECT UNIT  |               | 1 | D,E,F,G,H,I         |
| IC930 |    | TPS54040DGQ-X   | IC              |               | 1 | A,B,C,D,E,F,G,H,I,V |
| Q601  |    | 2SA2188/F-X     | TRANSISTOR      |               | 1 | A,B,C,D,E,F,G,H,I,V |
| Q602  |    | RT1N141C-X      | DIGI TRANSISTOR |               | 1 | A,B,C,D,E,F,G,H,I,V |
| Q602  | or | UN2211-X        | TRANSISTOR      |               | 1 | A,B,C,D,E,F,G,H,I,V |
| D630  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D631  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D632  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D633  |    | LSQ971/KL/-X    | LED             | GREEN/RED     | 1 | A,B,C,D,E,F,V       |
| D633  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D634  |    | LSQ971/KL/-X    | LED             | GREEN/RED     | 1 | A,B,C,D,E,F,V       |
| D634  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D635  |    | LSQ971/KL/-X    | LED             | GREEN/RED     | 1 | A,B,C,D,E,F,V       |
| D635  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D636  |    | LSQ971/KL/-X    | LED             | GREEN/RED     | 1 | A,B,C,D,E,F,V       |
| D636  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D638  |    | LSQ971/KL/-X    | LED             | GREEN/RED     | 1 | A,B,C,D,E,F,G,H,I,V |
| D639  |    | LSQ971/KL/-X    | LED             | GREEN/RED     | 1 | A,B,C,D,E,F,V       |
| D639  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D640  |    | LSQ971/KL/-X    | LED             | GREEN/RED     | 1 | A,B,C,D,E,F,V       |
| D640  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D641  |    | LSQ971/KL/-X    | LED             | GREEN/RED     | 1 | A,B,C,D,E,F,G,H,I,V |
| D642  |    | LSQ971/KL/-X    | LED             | GREEN/RED     | 1 | A,B,C,D,E,F,G,H,I,V |
| D643  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D644  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D645  |    | LSQ971/KL/-X    | LED             | GREEN/RED     | 1 | A,B,C,D,E,F,V       |
| D645  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D646  |    | LSQ971/KL/-X    | LED             | GREEN/RED     | 1 | A,B,C,D,E,F,V       |
| D646  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D647  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D648  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D649  |    | LNJ308G81/1-3/X | LED             | GREEN         | 1 | G,H,I               |
| D650  |    | LWA6SG/56L/-X   | LED             |               | 1 | A,B,C,D,E,F,G,H,I,V |
| D652  |    | SML-D12V8W/PQ-X | LED             |               | 1 | A,B,C,D,E,F,V       |
| D653  |    | SML-D12V8W/PQ-X | LED             |               | 1 | A,B,C,D,E,F,V       |
| D654  |    | SML-D12V8W/PQ-X | LED             |               | 1 | A,B,C,D,E,F,V       |
| D655  |    | SML-D12V8W/PQ-X | LED             |               | 1 | A,B,C,D,E,F,V       |
| D661  |    | HSU119-X        | SI DIODE        |               | 1 | A,B,C,D,E,F,G,H,I,V |
| D661  | or | MA111-X         | SI DIODE        |               | 1 | A,B,C,D,E,F,G,H,I,V |
| D662  |    | RKZ5.1B2KG-X    | Z DIODE         |               | 1 | A,B,C,D,E,F,G,H,I,V |
| D662  | or | MA8051/M/-X     | Z DIODE         |               | 1 | A,B,C,D,E,F,G,H,I,V |
| D691  |    | RKZ5.1B2KG-X    | Z DIODE         |               | 1 | A,B,C,D,E,F,G,H,I,V |
| D691  | or | MA8051/M/-X     | Z DIODE         |               | 1 | A,B,C,D,E,F,G,H,I,V |
| D692  |    | RKZ5.1B2KG-X    | Z DIODE         |               | 1 | A,B,C,D,E,F,G,H,I,V |
| D692  | or | MA8051/M/-X     | Z DIODE         |               | 1 | A,B,C,D,E,F,G,H,I,V |
| D930  |    | MBRX130-TP-X    | SB DIODE        |               | 1 | A,B,C,D,E,F,G,H,I,V |
| D930  | or | MA22D23-X       | SB DIODE        |               | 1 | A,B,C,D,E,F,G,H,I,V |
| C661  |    | NCB21EK-105X    | C CAPACITOR     | 1uF 25V K     | 1 | A,B,C,D,E,F,G,H,I,V |
| C662  |    | NDC31HJ-151X    | C CAPACITOR     | 150pF 50V J   | 1 | A,B,C,D,E,F,G,H,I,V |
| C663  |    | NCB31HK-223X    | C CAPACITOR     | 0.022uF 50V K | 1 | A,B,C,D,E,F,G,H,I,V |
| C665  |    | NCB31CK-104X    | C CAPACITOR     | 0.1uF 16V K   | 1 | A,B,C,D,E,F,G,H,I,V |
| C666  |    | NCB31CK-104X    | C CAPACITOR     | 0.1uF 16V K   | 1 | A,B,C,D,E,F,G,H,I,V |
| C682  |    | NCB31HK-104X    | C CAPACITOR     | 0.1uF 50V K   | 1 | D,E,F,G,H,I         |
| C687  |    | NCB31HK-102X    | C CAPACITOR     | 1000pF 50V K  | 1 | A,B,C,D,E,F,G,H,I,V |
| C688  |    | NCB31HK-102X    | C CAPACITOR     | 1000pF 50V K  | 1 | A,B,C,D,E,F,G,H,I,V |
| C692  |    | NCJ11EK-106X-R  | C CAPACITOR     | 10uF 25V      | 1 | A,B,C,D,E,F,G,H,I,V |
| C693  |    | NCJ11EK-106X-R  | C CAPACITOR     | 10uF 25V      | 1 | A,B,C,D,E,F,G,H,I,V |
| C930  |    | NCJ11EK-106X-R  | C CAPACITOR     | 10uF 25V      | 1 | A,B,C,D,E,F,G,H,I,V |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.      | Parts Name     | Description   | QTY | Local               |
|------|------------|----------------|----------------|---------------|-----|---------------------|
|      | C931       | NCJ11EK-106X-R | C CAPACITOR    | 10uF 25V      | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C932       | NCJ11EK-106X-R | C CAPACITOR    | 10uF 25V      | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C933       | NCB31HK-104X   | C CAPACITOR    | 0.1uF 50V K   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C934       | NCB31HK-104X   | C CAPACITOR    | 0.1uF 50V K   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C935       | NCB31HK-272X   | C CAPACITOR    | 2700pF 50V K  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C936       | NDC31HJ-5R6X   | C CAPACITOR    | 5.6pF 50V J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C937       | NCJ11EK-106X-R | C CAPACITOR    | 10uF 25V      | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C938       | NCJ11EK-106X-R | C CAPACITOR    | 10uF 25V      | 1   | A,B,C,D,E,F,G,H,I,V |
|      | C939       | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R601       | NRSA63J-821X   | MG RESISTOR    | 820Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R602       | NRSA63J-821X   | MG RESISTOR    | 820Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R603       | NRSA63J-122X   | MG RESISTOR    | 1.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R604       | NRSA63J-182X   | MG RESISTOR    | 1.8kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R605       | NRSA63J-272X   | MG RESISTOR    | 2.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R607       | NRSA63J-821X   | MG RESISTOR    | 820Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R608       | NRSA63J-821X   | MG RESISTOR    | 820Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R609       | NRSA63J-122X   | MG RESISTOR    | 1.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R610       | NRSA63J-182X   | MG RESISTOR    | 1.8kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R611       | NRSA63J-272X   | MG RESISTOR    | 2.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R612       | NRSA63J-392X   | MG RESISTOR    | 3.9kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R613       | NRSA63J-103X   | MG RESISTOR    | 10kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R630       | NRS181J-561X   | MG RESISTOR    | 560Ω 1/8W J   | 1   | G,H,I               |
|      | R631       | NRS181J-431X   | MG RESISTOR    | 430Ω 1/8W J   | 1   | A,B,C,D,E,F,V       |
|      | R631       | NRS181J-391X   | MG RESISTOR    | 390Ω 1/8W J   | 1   | G,H,I               |
|      | R632       | NRS181J-431X   | MG RESISTOR    | 430Ω 1/8W J   | 1   | A,B,C,D,E,F,V       |
|      | R632       | NRS181J-391X   | MG RESISTOR    | 390Ω 1/8W J   | 1   | G,H,I               |
|      | R633       | NRS181J-511X   | MG RESISTOR    | 510Ω 1/8W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R634       | NRS181J-431X   | MG RESISTOR    | 430Ω 1/8W J   | 1   | A,B,C,D,E,F,V       |
|      | R634       | NRS181J-391X   | MG RESISTOR    | 390Ω 1/8W J   | 1   | G,H,I               |
|      | R635       | NRS181J-431X   | MG RESISTOR    | 430Ω 1/8W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R636       | NRS181J-821X   | MG RESISTOR    | 820Ω 1/8W J   | 1   | A,B,C,D,E,F,V       |
|      | R636       | NRS181J-561X   | MG RESISTOR    | 560Ω 1/8W J   | 1   | G,H,I               |
|      | R637       | NRS181J-431X   | MG RESISTOR    | 430Ω 1/8W J   | 1   | A,B,C,D,E,F,V       |
|      | R637       | NRS181J-391X   | MG RESISTOR    | 390Ω 1/8W J   | 1   | G,H,I               |
|      | R638       | NRS181J-821X   | MG RESISTOR    | 820Ω 1/8W J   | 1   | A,B,C,D,E,F,V       |
|      | R638       | NRS181J-561X   | MG RESISTOR    | 560Ω 1/8W J   | 1   | G,H,I               |
|      | R639       | NRS181J-561X   | MG RESISTOR    | 560Ω 1/8W J   | 1   | G,H,I               |
|      | R648       | NRS181J-391X   | MG RESISTOR    | 390Ω 1/8W J   | 1   | A,B,C,D,E,F,V       |
|      | R648       | NRS181J-821X   | MG RESISTOR    | 820Ω 1/8W J   | 1   | G,H,I               |
|      | R649       | NRS181J-391X   | MG RESISTOR    | 390Ω 1/8W J   | 1   | A,B,C,D,E,F,V       |
|      | R649       | NRS181J-821X   | MG RESISTOR    | 820Ω 1/8W J   | 1   | G,H,I               |
|      | R650       | NRS181J-221X   | MG RESISTOR    | 220Ω 1/8W J   | 1   | A,B,C,D,E,F,V       |
|      | R650       | NRS181J-101X   | MG RESISTOR    | 100Ω 1/8W J   | 1   | G,H,I               |
|      | R651       | NRS181J-271X   | MG RESISTOR    | 270Ω 1/8W J   | 1   | A,B,C,D,E,F,V       |
|      | R651       | NRS181J-101X   | MG RESISTOR    | 100Ω 1/8W J   | 1   | G,H,I               |
|      | R652       | NRSA63J-472X   | MG RESISTOR    | 4.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R653       | NRS181J-102X   | MG RESISTOR    | 1kΩ 1/8W J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R654       | NRSA63J-511X   | MG RESISTOR    | 510Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R660       | NRSA63J-394X   | MG RESISTOR    | 390kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R661       | NRSA63J-102X   | MG RESISTOR    | 1kΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R662       | NRSA63J-102X   | MG RESISTOR    | 1kΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R663       | NRSA63J-102X   | MG RESISTOR    | 1kΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R664       | NRSA63J-224X   | MG RESISTOR    | 220kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R665       | NRSA63J-101X   | MG RESISTOR    | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R666       | NRSA63J-101X   | MG RESISTOR    | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R667       | NRSA63J-101X   | MG RESISTOR    | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R672       | NRSA63J-0R0X   | MG RESISTOR    | 0Ω 1/10W J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R673       | NRSA63J-0R0X   | MG RESISTOR    | 0Ω 1/10W J    | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R681       | NRSA63J-471X   | MG RESISTOR    | 470Ω 1/16W J  | 1   | D,E,F,G,H,I         |
|      | R682       | NRSA63J-102X   | MG RESISTOR    | 1kΩ 1/16W J   | 1   | D,E,F,G,H,I         |
|      | R690       | NRSA63J-103X   | MG RESISTOR    | 10kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R931       | NRSA63J-432X   | MG RESISTOR    | 4.3kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R932       | NRSA63J-274X   | MG RESISTOR    | 270kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R933       | NRSA63J-681X   | MG RESISTOR    | 680Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R934       | NRSA63J-753X   | MG RESISTOR    | 75kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R935       | NRSA63J-753X   | MG RESISTOR    | 75kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R936       | NRSA63D-103X   | MG RESISTOR    | 10kΩ 1/16W D  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R937       | NRSA63J-182X   | MG RESISTOR    | 1.8kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,V |
|      | R938       | NRSA63D-513X   | MG RESISTOR    | 51kΩ 1/16W D  | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L601       | NQR0007-002X   | FERRITE BEADS  |               | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L602       | NQR0007-002X   | FERRITE BEADS  |               | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L603       | NQR0007-002X   | FERRITE BEADS  |               | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L691       | NQR0536-001X   | CHOKE COIL     |               | 1   | A,B,C,D,E,F,G,H,I,V |
|      | L931       | NQL52EM-220X   | COIL           | 22uH M        | 1   | A,B,C,D,E,F,G,H,I,V |
|      | CN601      | QGZ1101K1-20   | CONNECTOR      | (1-20)        | 1   | A,B,C,D,E,F,G,H,I,V |
|      | CN603      | QNZ1006-001    | USB CONNECTOR  |               | 1   | A,B,C,D,E,F,G,H,I,V |
|      | CN603 or   | QNZ0963-002    | USB CONNECTOR  |               | 1   | A,B,C,D,E,F,G,H,I,V |
|      | EN601      | QSW1231-002    | ROTARY ENCODER |               | 1   | A,B,C,D,E,F,G,H,I,V |
|      | PJ601      | QNS0279-001    | 3.5 JACK       |               | 1   | A,B,C,D,E,F,G,H,I,V |
|      | S601       | NSW0326-001X   | TACT SWITCH    |               | 1   | A,B,C,D,E,F,G,H,I,V |
|      | S602       | NSW0326-001X   | TACT SWITCH    |               | 1   | A,B,C,D,E,F,G,H,I,V |
|      | S603       | NSW0326-001X   | TACT SWITCH    |               | 1   | A,B,C,D,E,F,G,H,I,V |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe                                   | Symbol No. | Parts No.       | Parts Name       | Description | QTY | Local                                                       |
|----------------------------------------|------------|-----------------|------------------|-------------|-----|-------------------------------------------------------------|
|                                        | S604       | NSW0326-001X    | TACT SWITCH      |             | 1   | A,B,C,D,E,F,G,H,I,V                                         |
|                                        | S605       | NSW0326-001X    | TACT SWITCH      |             | 1   | A,B,C,D,E,F,G,H,I,V                                         |
|                                        | S606       | NSW0326-001X    | TACT SWITCH      |             | 1   | A,B,C,D,E,F,G,H,I,V                                         |
|                                        | S607       | NSW0326-001X    | TACT SWITCH      |             | 1   | A,B,C,D,E,F,G,H,I,V                                         |
|                                        | S608       | NSW0326-001X    | TACT SWITCH      |             | 1   | A,B,C,D,E,F,G,H,I,V                                         |
|                                        | S609       | NSW0326-001X    | TACT SWITCH      |             | 1   | A,B,C,D,E,F,G,H,I,V                                         |
|                                        | S610       | NSW0326-001X    | TACT SWITCH      |             | 1   | A,B,C,D,E,F,G,H,I,V                                         |
|                                        | S611       | NSW0326-001X    | TACT SWITCH      |             | 1   | A,B,C,D,E,F,G,H,I,V                                         |
| Mecha control board (FMU-CD6-12D) <05> |            |                 |                  |             |     |                                                             |
|                                        | IC301      | MN6627946JE     | IC(MCU)          |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | IC302      | R1EX24016ASAA-X | IC               |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | IC501      | LA6565-X        | IC               |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | Q101       | 2SC3928A/R/-X   | TRANSISTOR       |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | Q201       | 2SC3928A/R/-X   | TRANSISTOR       |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | Q211       | PS1191RB22/BC/X | PHOTO TRANSISTOR |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | Q212       | PS1191RB22/BC/X | PHOTO TRANSISTOR |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | Q301       | 2SA2188/F/-X    | TRANSISTOR       |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | Q302       | RT1N441C-X      | TRANSISTOR       |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | Q501       | 2SB1424/R/-W    | TRANSISTOR       |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | D101       | AN1105W21/AB/-X | IR LED           |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | D201       | AN1105W21/AB/-X | IR LED           |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | D501       | 1SR154-400-X    | SI DIODE         |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | D502       | 1SR154-400-X    | SI DIODE         |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | D503       | 1SR154-400-X    | SI DIODE         |             | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | C101       | NCB31CK-104X    | C CAPACITOR      | 0.1uF 16V K | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | C102       | NCB31CK-104X    | C CAPACITOR      | 0.1uF 16V K | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | C103       | NCB31CK-104X    | C CAPACITOR      | 0.1uF 16V K | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | C104       | NCB31CK-104X    | C CAPACITOR      | 0.1uF 16V K | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|                                        | C301       | NEAF03M-226X    | E CAPACITOR      | 22uF 6.3V M | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.      | Parts Name     | Description   | QTY | Local                                                       |
|------|------------|----------------|----------------|---------------|-----|-------------------------------------------------------------|
|      | C302       | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C303       | NEAF0JM-476X   | E CAPACITOR    | 47uF 6.3V     | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C304       | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C305       | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C307       | NCB31CK-334X   | C CAPACITOR    | 0.33uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C308       | NCB31HK-102X   | C CAPACITOR    | 1000pF 50V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C309       | NCB31EK-823X   | C CAPACITOR    | 0.082uF 25V K | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C310       | NCB31HK-102X   | C CAPACITOR    | 1000pF 50V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C311       | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C312       | NCB31HK-153X   | C CAPACITOR    | 0.015uF 50V K | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C313       | NCJ21CK-475X-R | C CAPACITOR    | 4.7uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C314       | NCB31HK-332X   | C CAPACITOR    | 3300pF 50V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C316       | NBE20JM-106X   | TA E CAPACITOR | 10uF 6.3V M   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C317       | NCB31HK-223X   | C CAPACITOR    | 0.022uF 50V K | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C319       | NCB31CK-334X   | C CAPACITOR    | 0.33uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C321       | NCB31HK-272X   | C CAPACITOR    | 2700pF 50V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C322       | NCB31CK-154X   | C CAPACITOR    | 0.15uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C323       | NEAF0JM-476X   | E CAPACITOR    | 47uF 6.3V     | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C324       | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C326       | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C327       | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.      | Parts Name  | Description  | QTY | Local                                                       |
|------|------------|----------------|-------------|--------------|-----|-------------------------------------------------------------|
|      | C328       | NCB31HK-681X   | C CAPACITOR | 680pF 50V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C329       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C331       | NCJ20JK-106X-R | C CAPACITOR | 10uF 6.3V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C334       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C335       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C337       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C338       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C339       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C345       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C346       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C351       | NDC31HJ-270X   | C CAPACITOR | 27pF 50V J   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C352       | NDC31HJ-270X   | C CAPACITOR | 27pF 50V J   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C373       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C393       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C394       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C395       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C501       | NEHN1EM-476X   | E CAPACITOR | 47uF 25V M   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C502       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C503       | NDC31HJ-680X   | C CAPACITOR | 68pF 50V J   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C511       | NCB31HK-682X   | C CAPACITOR | 6800pF 50V K | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C512       | NCB31HK-222X   | C CAPACITOR | 2200pF 50V K | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C513       | NCB31HK-562X   | C CAPACITOR | 5600pF 50V K | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name  | Description   | QTY | Local                                                       |
|------|------------|--------------|-------------|---------------|-----|-------------------------------------------------------------|
|      | C514       | NCB31HK-222X | C CAPACITOR | 2200pF 50V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C531       | NEHL0JM-107X | E CAPACITOR | 100uF 6.3V M  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C532       | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C534       | NCB31HK-102X | C CAPACITOR | 1000pF 50V K  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | C551       | NEHN1AM-107X | E CAPACITOR | 100uF 10V M   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R101       | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R102       | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R103       | NRSA63J-184X | MG RESISTOR | 180kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R104       | NRSA63J-184X | MG RESISTOR | 180kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R105       | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R201       | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R203       | NRSA63J-184X | MG RESISTOR | 180kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R204       | NRSA63J-184X | MG RESISTOR | 180kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R205       | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R206       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R207       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R214       | NRSA63D-153X | MG RESISTOR | 15kΩ 1/16W D  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R215       | NRSA63D-153X | MG RESISTOR | 15kΩ 1/16W D  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R216       | NRS181F-300X | MG RESISTOR | 30Ω 1/8W F    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R217       | NRS181F-300X | MG RESISTOR | 30Ω 1/8W F    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R241       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R242       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name  | Description   | QTY | Local                                                       |
|------|------------|--------------|-------------|---------------|-----|-------------------------------------------------------------|
|      | R246       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R301       | NRSA63J-100X | MG RESISTOR | 10Ω 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R302       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R304       | NRSA63J-100X | MG RESISTOR | 10Ω 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R307       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R310       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R311       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R312       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R313       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R314       | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R315       | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R316       | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R318       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R321       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R322       | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R323       | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R324       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R325       | NRSA02F-100X | MG RESISTOR | 10Ω 1/10W F   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R326       | NRSA02F-100X | MG RESISTOR | 10Ω 1/10W F   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R330       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R331       | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R332       | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name  | Description   | QTY | Local                                                       |
|------|------------|--------------|-------------|---------------|-----|-------------------------------------------------------------|
|      | R333       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R335       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R336       | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R349       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R362       | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R501       | NRS125J-100X | MG RESISTOR | 10Ω 1/2W J    | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R503       | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R504       | NRSA63J-512X | MG RESISTOR | 5.1kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R505       | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R506       | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R507       | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R508       | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R509       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R510       | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R511       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R512       | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R513       | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R514       | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R515       | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R516       | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R519       | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R520       | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.     | Parts Name    | Description    | QTY | Local                                                       |
|------|------------|---------------|---------------|----------------|-----|-------------------------------------------------------------|
|      | R521       | NRSA63J-822X  | MG RESISTOR   | 8.2kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R522       | NRSA63J-822X  | MG RESISTOR   | 8.2kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R523       | NRSA63J-822X  | MG RESISTOR   | 8.2kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R524       | NRSA63J-822X  | MG RESISTOR   | 8.2kΩ 1/16W J  | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | R525       | NRSA63J-473X  | MG RESISTOR   | 47kΩ 1/16W J   | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | CN101      | QGB2027L5-28X | CONNECTOR     | B-B (1-28)     | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | CN102      | QGF0522F3-15W | CONNECTOR     | FFC/FPC (1-15) | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | K101       | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/10W J     | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | K102       | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/10W J     | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | K103       | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/10W J     | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | SW1        | NSW0291-001X  | DETECT SWITCH |                | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | X301       | NAX0566-001X  | C RESONATOR   | 16.934MHz      | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |
|      | X302       | NAX0367-001X  | CRYSTAL       |                | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M<br>,N,O,P,Q,R,S,T,U,V,W,X,<br>Y,Z |

#### Main board R416SUN,R419UR<06>

|   |       |                    |                 |   |     |
|---|-------|--------------------|-----------------|---|-----|
| △ | IC1   | TEF6606T/V5-X      | IC              | 1 | P,Y |
|   | IC161 | TDA7718N-X         | IC              | 1 | P,Y |
| △ | IC301 | TB2926CHQK         | IC              | 1 | P   |
| △ | IC301 | TB2926CHQ          | IC              | 1 | Y   |
|   | IC381 | NJM2160BV-X        | IC              | 1 | P   |
|   | IC581 | NJM4565E-X         | IC              | 1 | P,Y |
| △ | IC701 | MN101E16KEK        | IC(MCU)         | 1 | P,Y |
|   | IC702 | S-80824CNNB-G-W    | IC              | 1 | P,Y |
|   | IC702 | or IC-PST3424U-X   | IC              | 1 | P   |
|   | IC771 | R1EX24002ASAA-X    | IC              | 1 | P,Y |
| △ | IC901 | R2S25400DS-E       | IC              | 1 | P,Y |
|   | IC951 | XC6213B332NG-X     | IC              | 1 | P,Y |
|   | Q331  | IMX9-W             | PAIR TRANSISTOR | 1 | P,Y |
|   | Q701  | RT1N141C-X         | DIGI TRANSISTOR | 1 | P,Y |
|   | Q701  | or UN2211-X        | TRANSISTOR      | 1 | P   |
|   | Q781  | RT1P141C-X         | DIGI TRANSISTOR | 1 | P,Y |
|   | Q781  | or UN2111-X        | TRANSISTOR      | 1 | P   |
|   | Q782  | 2SC1623A/5-6/-X    | TRANSISTOR      | 1 | P,Y |
|   | Q782  | or 2SC3928A/QR/-X  | TRANSISTOR      | 1 | P   |
|   | Q784  | RT1P141C-X         | DIGI TRANSISTOR | 1 | P,Y |
|   | Q784  | or UN2111-X        | TRANSISTOR      | 1 | P   |
|   | Q921  | 2SB1132/QR/-W      | TRANSISTOR      | 1 | P   |
|   | Q922  | RT1N141C-X         | DIGI TRANSISTOR | 1 | P   |
|   | Q922  | or UN2211-X        | TRANSISTOR      | 1 | P   |
|   | Q976  | RT1N141C-X         | DIGI TRANSISTOR | 1 | P,Y |
|   | Q976  | or UN2211-X        | TRANSISTOR      | 1 | P   |
|   | Q977  | 2SA812A/5-6/-X     | TRANSISTOR      | 1 | P,Y |
|   | Q977  | or ISA1530AC1/QR/X | TRANSISTOR      | 1 | P   |
|   | Q978  | 2SC1623A/5-6/-X    | TRANSISTOR      | 1 | P,Y |
|   | Q978  | or 2SC3928A/QR/-X  | TRANSISTOR      | 1 | P   |
|   | D331  | BAW56-TP-X         | SI DIODE        | 1 | P   |
|   | D331  | MC2836-X           | DIODE           | 1 | Y   |
|   | D331  | or MC2836-X        | DIODE           | 1 | P   |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.      | Parts Name  | Description  | QTY | Local |
|------|------------|----------------|-------------|--------------|-----|-------|
|      | D712       | HSU119-X       | SI DIODE    |              | 1   | P,Y   |
|      | D712       | or MA111-X     | SI DIODE    |              | 1   | P     |
|      | D715       | RKZ5.1B2KG-X   | Z DIODE     |              | 1   | P,Y   |
|      | D716       | RKZ5.1B2KG-X   | Z DIODE     |              | 1   | P,Y   |
|      | D717       | RKZ5.1B2KG-X   | Z DIODE     |              | 1   | P,Y   |
|      | D718       | RKZ5.1B2KG-X   | Z DIODE     |              | 1   | P,Y   |
|      | D781       | HSU119-X       | SI DIODE    |              | 1   | P,Y   |
|      | D781       | or MA111-X     | SI DIODE    |              | 1   | P     |
|      | D782       | NRSA02J-0R0X   | MG RESISTOR | 0Ω 1/10W J   | 1   | P,Y   |
|      | D784       | RKZ10B2KG-X    | Z DIODE     |              | 1   | P,Y   |
|      | D784       | or MA8100/M/-X | Z DIODE     |              | 1   | P     |
|      | D851       | MBRX130-TP-X   | SB DIODE    |              | 1   | P     |
|      | D851       | or MA22D23-X   | SB DIODE    |              | 1   | P     |
|      | D852       | MBRX130-TP-X   | SB DIODE    |              | 1   | P     |
|      | D852       | or MA22D23-X   | SB DIODE    |              | 1   | P     |
|      | D901       | 1N5401-BPC04   | SI DIODE    |              | 1   | P     |
|      | D901       | 1N5401-04      | SI DIODE    |              | 1   | Y     |
|      | D901       | or 1N5401-04   | SI DIODE    |              | 1   | P     |
|      | D903       | HSU119-X       | SI DIODE    |              | 1   | P,Y   |
|      | D903       | or MA111-X     | SI DIODE    |              | 1   | P     |
|      | D971       | MBRX130-TP-X   | SB DIODE    |              | 1   | P,Y   |
|      | D971       | or MA22D23-X   | SB DIODE    |              | 1   | P     |
|      | D972       | MBRX130-TP-X   | SB DIODE    |              | 1   | P,Y   |
|      | D972       | or MA22D23-X   | SB DIODE    |              | 1   | P     |
|      | C1         | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K | 1   | P,Y   |
|      | C2         | NDC31HJ-7R0X   | C CAPACITOR | 7pF 50V J    | 1   | P,Y   |
|      | C3         | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K | 1   | P,Y   |
|      | C4         | NCB31CK-224X   | C CAPACITOR | 0.22uF 16V K | 1   | P,Y   |
|      | C5         | NDC31HJ-150X   | C CAPACITOR | 15pF 50V J   | 1   | P,Y   |
|      | C7         | NDC31HJ-220X   | C CAPACITOR | 22pF 50V J   | 1   | P,Y   |
|      | C8         | NCJ11EK-106X-A | C CAPACITOR | 10uF 25V K   | 1   | P,Y   |
|      | C10        | NCB21EK-105X   | C CAPACITOR | 1uF 25V K    | 1   | P,Y   |
|      | C11        | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K | 1   | P,Y   |
|      | C12        | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K | 1   | P,Y   |
|      | C13        | NCB21EK-105X   | C CAPACITOR | 1uF 25V K    | 1   | P,Y   |
|      | C14        | NCB31CK-224X   | C CAPACITOR | 0.22uF 16V K | 1   | P,Y   |
|      | C15        | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | P,Y   |
|      | C16        | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K | 1   | P,Y   |
|      | C17        | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | P,Y   |
|      | C18        | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K | 1   | P,Y   |
|      | C19        | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | P,Y   |
|      | C22        | NDC31HJ-120X   | C CAPACITOR | 12pF 50V J   | 1   | P,Y   |
|      | C23        | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | P,Y   |
|      | C24        | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K | 1   | P,Y   |
|      | C25        | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K | 1   | P,Y   |
|      | C27        | QEKJ1EM-106Z   | E CAPACITOR | 10uF 25V M   | 1   | P,Y   |
|      | C33        | NDC31HJ-5R6X   | C CAPACITOR | 5.6pF 50V J  | 1   | P,Y   |
|      | C162       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K    | 1   | P,Y   |
|      | C163       | QTE1H64-225Z   | E CAPACITOR | 2.2uF 50V    | 1   | P,Y   |
|      | C164       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K    | 1   | P,Y   |
|      | C165       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K    | 1   | P,Y   |
|      | C168       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K    | 1   | P,Y   |
|      | C172       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K    | 1   | P,Y   |
|      | C173       | QTE1H64-225Z   | E CAPACITOR | 2.2uF 50V    | 1   | P,Y   |
|      | C174       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K    | 1   | P,Y   |
|      | C176       | QTE1H57-335Z   | E CAPACITOR | 3.3uF 50V    | 1   | P,Y   |
|      | C177       | NDC31HJ-560X   | C CAPACITOR | 56pF 50V J   | 1   | P,Y   |
|      | C178       | QTE1C57-106Z   | E CAPACITOR | 10uF 16V     | 1   | P,Y   |
|      | C184       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K  | 1   | P,Y   |
|      | C301       | QTE1C66-474Z   | E CAPACITOR | 0.47uF 16V   | 1   | P,Y   |
|      | C302       | QTE1C66-474Z   | E CAPACITOR | 0.47uF 16V   | 1   | P,Y   |
|      | C303       | NCB21CK-474X-A | C CAPACITOR | 0.47uF 16V K | 1   | P,Y   |
|      | C304       | NCB21CK-474X-A | C CAPACITOR | 0.47uF 16V K | 1   | P,Y   |
|      | C311       | QTE1C66-474Z   | E CAPACITOR | 0.47uF 16V   | 1   | P,Y   |
|      | C312       | QTE1C66-474Z   | E CAPACITOR | 0.47uF 16V   | 1   | P,Y   |
|      | C313       | NCB21CK-474X-A | C CAPACITOR | 0.47uF 16V K | 1   | P,Y   |
|      | C314       | NCB21CK-474X-A | C CAPACITOR | 0.47uF 16V K | 1   | P,Y   |
|      | C315       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K    | 1   | P,Y   |
|      | C316       | QEKJ1HM-475Z   | E CAPACITOR | 4.7uF 50V M  | 1   | P,Y   |
|      | C317       | QTE1C57-226Z   | E CAPACITOR | 22uF 16V     | 1   | P,Y   |
|      | C326       | QERF1CM-106Z-E | E CAPACITOR | 10uF 16V M   | 1   | P,Y   |
|      | C327       | NCB21AK-105X-A | C CAPACITOR | 1uF 10V K    | 1   | P,Y   |
|      | C383       | QEKJ1HM-475Z   | E CAPACITOR | 4.7uF 50V M  | 1   | P     |
|      | C384       | QEKJ1HM-475Z   | E CAPACITOR | 4.7uF 50V M  | 1   | P     |
|      | C385       | NCB31HK-104X   | C CAPACITOR | 0.1uF 50V K  | 1   | P     |
|      | C386       | NCB31HK-104X   | C CAPACITOR | 0.1uF 50V K  | 1   | P     |
|      | C387       | NCB31HK-152X   | C CAPACITOR | 1500pF 50V K | 1   | P     |
|      | C388       | NCB31HK-152X   | C CAPACITOR | 1500pF 50V K | 1   | P     |
|      | C389       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M  | 1   | P     |
|      | C390       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M  | 1   | P     |
|      | C392       | QEKJ1CM-106Z   | E CAPACITOR | 10uF 16V M   | 1   | P     |
|      | C393       | QEKJ1HM-475Z   | E CAPACITOR | 4.7uF 50V M  | 1   | P,Y   |
|      | C394       | QEKJ1HM-475Z   | E CAPACITOR | 4.7uF 50V M  | 1   | P,Y   |
|      | C583       | NCB31HK-821X   | C CAPACITOR | 820pF 50V K  | 1   | P,Y   |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.      | Parts Name  | Description   | QTY | Local |
|------|------------|----------------|-------------|---------------|-----|-------|
|      | C584       | NCB31HK-821X   | C CAPACITOR | 820pF 50V K   | 1   | P,Y   |
|      | C585       | QTE1H57-475Z   | E CAPACITOR | 4.7uF 50V     | 1   | P,Y   |
|      | C586       | QTE1H57-475Z   | E CAPACITOR | 4.7uF 50V     | 1   | P,Y   |
|      | C587       | NDC31HJ-151X   | C CAPACITOR | 150pF 50V J   | 1   | P,Y   |
|      | C588       | NDC31HJ-151X   | C CAPACITOR | 150pF 50V J   | 1   | P,Y   |
|      | C590       | QTE0J57-476Z   | E CAPACITOR | 47uF 6.3V     | 1   | P,Y   |
|      | C591       | QTE1A57-107Z   | E CAPACITOR | 100uF 10V     | 1   | P,Y   |
|      | C592       | NCB31HK-104X   | C CAPACITOR | 0.1uF 50V K   | 1   | P,Y   |
|      | C703       | NDC31HJ-8R0X   | C CAPACITOR | 8pF 50V J     | 1   | P,Y   |
|      | C704       | NDC31HJ-9R0X   | C CAPACITOR | 9pF 50V J     | 1   | P,Y   |
|      | C707       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M   | 1   | P,Y   |
|      | C708       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | P,Y   |
|      | C709       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | P,Y   |
|      | C711       | QEKJ0JM-476Z   | E CAPACITOR | 47uF 6.3V M   | 1   | P,Y   |
|      | C714       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | P,Y   |
|      | C715       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | P,Y   |
|      | C717       | NCB31HK-821X   | C CAPACITOR | 820pF 50V K   | 1   | P,Y   |
|      | C718       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | P,Y   |
|      | C719       | QERF1AM-107Z   | E CAPACITOR | 100uF 10V M   | 1   | P,Y   |
|      | C720       | NDC31HJ-820X   | C CAPACITOR | 82pF 50V J    | 1   | P,Y   |
|      | C721       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | P,Y   |
|      | C722       | QERF1EM-475Z   | E CAPACITOR | 4.7uF 25V M   | 1   | P,Y   |
|      | C725       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K     | 1   | P,Y   |
|      | C733       | NCJ11EK-106X-A | C CAPACITOR | 10uF 25V K    | 1   | P,Y   |
|      | C736       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | P,Y   |
|      | C737       | NDC31HJ-101X   | C CAPACITOR | 100pF 50V J   | 1   | P,Y   |
|      | C771       | NCB31CK-473X   | C CAPACITOR | 0.047uF 16V K | 1   | P,Y   |
|      | C781       | QEKJ0JM-107Z   | E CAPACITOR | 100uF 6.3V M  | 1   | P,Y   |
|      | C784       | QERF1CM-107Z   | E CAPACITOR | 100uF 16V M   | 1   | P,Y   |
|      | C851       | QEKJ1EM-106Z   | E CAPACITOR | 10uF 25V M    | 1   | P     |
|      | C852       | NCB31CK-224X   | C CAPACITOR | 0.22uF 16V K  | 1   | P     |
|      | C901       | QEZ0870-278    | E CAPACITOR | 2700uF        | 1   | P,Y   |
|      | C902       | NCB31AK-474X   | C CAPACITOR | 0.47uF 10V K  | 1   | P,Y   |
|      | C903       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M   | 1   | P,Y   |
|      | C904       | QERF1AM-227Z   | E CAPACITOR | 220uF 10V M   | 1   | P,Y   |
|      | C905       | QEKJ1CM-476Z   | E CAPACITOR | 47uF 16V M    | 1   | P,Y   |
|      | C906       | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K  | 1   | P,Y   |
|      | C907       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M   | 1   | P,Y   |
|      | C908       | QEKJ1CM-476Z   | E CAPACITOR | 47uF 16V M    | 1   | P,Y   |
|      | C910       | QEKJ1EM-106Z   | E CAPACITOR | 10uF 25V M    | 1   | P,Y   |
|      | C912       | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K  | 1   | P,Y   |
|      | C913       | QEKJ1EM-106Z   | E CAPACITOR | 10uF 25V M    | 1   | P,Y   |
|      | C915       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | P,Y   |
|      | C917       | QERF0JM-337Z   | E CAPACITOR | 330uF 6.3V M  | 1   | P,Y   |
|      | C951       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | P,Y   |
|      | C952       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | P,Y   |
|      | C971       | NCB31HK-104X   | C CAPACITOR | 0.1uF 50V K   | 1   | P,Y   |
|      | C991       | NCB31HK-472X   | C CAPACITOR | 4700pF 50V K  | 1   | P,Y   |
|      | R1         | NRSA63J-474X   | MG RESISTOR | 470kΩ 1/16W J | 1   | P,Y   |
|      | R2         | NRSA63J-474X   | MG RESISTOR | 470kΩ 1/16W J | 1   | P,Y   |
|      | R3         | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J  | 1   | P,Y   |
|      | R4         | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J | 1   | P,Y   |
|      | R5         | NRSA02J-470X   | MG RESISTOR | 47Ω 1/10W J   | 1   | P,Y   |
|      | R6         | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/10W J    | 1   | P,Y   |
|      | R7         | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/10W J    | 1   | P,Y   |
|      | R8         | NRSA02J-470X   | MG RESISTOR | 47Ω 1/10W J   | 1   | P,Y   |
|      | R11        | NRS181J-4R7X   | MG RESISTOR | 4.7Ω 1/8W J   | 1   | P,Y   |
|      | R14        | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J | 1   | P,Y   |
|      | R15        | NRS181J-472X   | MG RESISTOR | 4.7kΩ 1/8W J  | 1   | P,Y   |
|      | R161       | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J | 1   | P,Y   |
|      | R162       | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J | 1   | P,Y   |
|      | R163       | NRSA63J-123X   | MG RESISTOR | 12kΩ 1/16W J  | 1   | P,Y   |
|      | R164       | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J | 1   | P,Y   |
|      | R165       | NRSA63J-123X   | MG RESISTOR | 12kΩ 1/16W J  | 1   | P,Y   |
|      | R168       | NRS181J-103X   | MG RESISTOR | 10kΩ 1/8W J   | 1   | P,Y   |
|      | R169       | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/10W J    | 1   | P,Y   |
|      | R171       | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J  | 1   | P,Y   |
|      | R172       | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J  | 1   | P,Y   |
|      | R305       | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J   | 1   | P,Y   |
|      | R309       | NRS181J-100X   | MG RESISTOR | 10Ω 1/8W J    | 1   | P,Y   |
|      | R310       | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J | 1   | P,Y   |
|      | R341       | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J | 1   | P,Y   |
|      | R342       | NRSA63J-821X   | MG RESISTOR | 820Ω 1/16W J  | 1   | P,Y   |
|      | R343       | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J  | 1   | P,Y   |
|      | R344       | NRSA63J-473X   | MG RESISTOR | 47kΩ 1/16W J  | 1   | P,Y   |
|      | R351       | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J | 1   | P,Y   |
|      | R352       | NRSA63J-821X   | MG RESISTOR | 820Ω 1/16W J  | 1   | P,Y   |
|      | R353       | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J  | 1   | P,Y   |
|      | R354       | NRSA63J-473X   | MG RESISTOR | 47kΩ 1/16W J  | 1   | P,Y   |
|      | R381       | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J   | 1   | P     |
|      | R382       | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J   | 1   | P     |
|      | R383       | NRSA63J-104X   | MG RESISTOR | 100kΩ 1/16W J | 1   | P     |
|      | R384       | NRSA63J-104X   | MG RESISTOR | 100kΩ 1/16W J | 1   | P     |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name  | Description   | QTY | Local |
|------|------------|--------------|-------------|---------------|-----|-------|
|      | R385       | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J  | 1   | P     |
|      | R386       | NRS181J-223X | MG RESISTOR | 22kΩ 1/8W J   | 1   | P     |
|      | R387       | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J  | 1   | P     |
|      | R388       | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J  | 1   | P     |
|      | R389       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | Y     |
|      | R390       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | Y     |
|      | R583       | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J  | 1   | P,Y   |
|      | R584       | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J  | 1   | P,Y   |
|      | R585       | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | 1   | P,Y   |
|      | R586       | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | 1   | P,Y   |
|      | R587       | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J  | 1   | P,Y   |
|      | R588       | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J  | 1   | P,Y   |
|      | R591       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | P,Y   |
|      | R592       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | P,Y   |
|      | R593       | NRS181J-223X | MG RESISTOR | 22kΩ 1/8W J   | 1   | P,Y   |
|      | R594       | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J  | 1   | P,Y   |
|      | R701       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | P,Y   |
|      | R702       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | P,Y   |
|      | R703       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | P,Y   |
|      | R704       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | P,Y   |
|      | R707       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | P,Y   |
|      | R708       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | P,Y   |
|      | R710       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | P     |
|      | R711       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | Y     |
|      | R713       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | P,Y   |
|      | R715       | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  | 1   | P,Y   |
|      | R716       | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J  | 1   | P,Y   |
|      | R720       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | P,Y   |
|      | R724       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | P,Y   |
|      | R725       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | P,Y   |
|      | R726       | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J  | 1   | P,Y   |
|      | R727       | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | 1   | P,Y   |
|      | R728       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | P,Y   |
|      | R730       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | P,Y   |
|      | R731       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | P,Y   |
|      | R732       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | P,Y   |
|      | R733       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | P,Y   |
|      | R736       | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J  | 1   | P,Y   |
|      | R737       | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J  | 1   | P,Y   |
|      | R738       | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J  | 1   | P,Y   |
|      | R739       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | P,Y   |
|      | R741       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | P,Y   |
|      | R742       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | P,Y   |
|      | R744       | NRS181J-101X | MG RESISTOR | 100Ω 1/8W J   | 1   | P,Y   |
|      | R746       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | P,Y   |
|      | R747       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | P,Y   |
|      | R748       | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | 1   | P,Y   |
|      | R749       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | P,Y   |
|      | R750       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | P,Y   |
|      | R752       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | P,Y   |
|      | R753       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | P,Y   |
|      | R755       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | P,Y   |
|      | R756       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | P,Y   |
|      | R758       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | P,Y   |
|      | R759       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | P,Y   |
|      | R761       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | P,Y   |
|      | R762       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | P,Y   |
|      | R763       | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J  | 1   | P,Y   |
|      | R765       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | P,Y   |
|      | R766       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | P,Y   |
|      | R767       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | P,Y   |
|      | R771       | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J  | 1   | P,Y   |
|      | R772       | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J  | 1   | P,Y   |
|      | R774       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | P,Y   |
|      | R775       | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | 1   | P,Y   |
|      | R777       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | P,Y   |
|      | R779       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | P,Y   |
|      | R781       | NRS181J-473X | MG RESISTOR | 47kΩ 1/8W J   | 1   | P,Y   |
|      | R782       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | P,Y   |
|      | R783       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | P,Y   |
|      | R784       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | P,Y   |
|      | R851       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | P     |
|      | R901       | QRE141J-103Y | C RESISTOR  | 10kΩ 1/4W J   | 1   | P,Y   |
|      | R902       | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | P,Y   |
|      | R903       | NRSA02J-472X | MG RESISTOR | 4.7kΩ 1/10W J | 1   | P,Y   |
|      | R921       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | P     |
|      | R922       | QRE141J-102Y | C RESISTOR  | 1kΩ 1/4W J    | 1   | P     |
|      | R930       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | P,Y   |
|      | R952       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | P     |
|      | R971       | NRS181J-332X | MG RESISTOR | 3.3kΩ 1/8W J  | 1   | P,Y   |
|      | R976       | NRSA02J-273X | MG RESISTOR | 27kΩ 1/10W J  | 1   | P,Y   |
|      | R977       | NRSA02J-123X | MG RESISTOR | 12kΩ 1/10W J  | 1   | P,Y   |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe                | Symbol No. | Parts No.       | Parts Name      | Description  | QTY | Local |
|---------------------|------------|-----------------|-----------------|--------------|-----|-------|
|                     | L1         | NQL093K-R47X    | P COIL          | 0.47uH K     | 1   | P,Y   |
|                     | L2         | NQL093K-1R8X    | P COIL          | 1.8uH K      | 1   | P,Y   |
|                     | L3         | NQL093K-R22X    | P COIL          | 0.22uH K     | 1   | P,Y   |
|                     | L4         | QQR1872-001     | RF COIL         |              | 1   | P,Y   |
|                     | L5         | QQL244J-561Z    | COIL            | 560uH J      | 1   | P,Y   |
|                     | L6         | QQL244J-561Z    | COIL            | 560uH J      | 1   | P,Y   |
|                     | L8         | QQL231K-4R7Y    | INDUCTOR        | 4.7uH K      | 1   | P,Y   |
|                     | L9         | QQL231K-4R7Y    | INDUCTOR        | 4.7uH K      | 1   | P,Y   |
|                     | L31        | NQL093K-R47X    | P COIL          | 0.47uH K     | 1   | P,Y   |
|                     | L701       | QQL231K-4R7Y    | INDUCTOR        | 4.7uH K      | 1   | P,Y   |
|                     | L702       | QQL231K-4R7Y    | INDUCTOR        | 4.7uH K      | 1   | P,Y   |
| △                   | L901       | QQR1852-001     | CHOCO COIL      |              | 1   | P,Y   |
| △                   | L901 or    | QQR0703-001     | CHOCO COIL      |              | 1   | P     |
|                     | L930       | NQLH25M-4R7X    | COIL            | 4.7uH M      | 1   | P,Y   |
|                     | CN501      | QGB2027ME-28    | CONNECTOR       | B-B (1-28)   | 1   | P,Y   |
|                     | CN701      | QGZ1101J1-20    | CONNECTOR       | (1-20)       | 1   | P,Y   |
|                     | CN901      | QNZ0607-001     | CAR CONNECTOR   |              | 1   | P,Y   |
|                     | J1         | QNB0190-001     | ANT TERMINAL    |              | 1   | P,Y   |
|                     | J1 or      | QNB0348-001     | ANT TERMINAL    |              | 1   | P     |
|                     | J321       | QNN0802-001     | PIN JACK        |              | 1   | P,Y   |
|                     | K162       | NRSA02J-0R0X    | MG RESISTOR     | 0Ω 1/10W J   | 1   | P,Y   |
|                     | S701       | QSW0648-001Z    | TACT SWITCH     |              | 1   | P,Y   |
|                     | X1         | QAX0952-001Z    | CRYSTAL         |              | 1   | P,Y   |
|                     | X701       | QAX0667-001Z    | C RESONATOR     | 8.000MHz     | 1   | P,Y   |
|                     | X702       | QAX0953-001     | CRYSTAL         |              | 1   | P,Y   |
| Main board S27J<07> |            |                 |                 |              |     |       |
| △                   | IC1        | TEF6614TV1S4-X  | IC              |              | 1   | Z     |
|                     | IC161      | TDA7718N-X      | IC              |              | 1   | Z     |
| △                   | IC301      | TB2926CHQ       | IC              |              | 1   | Z     |
|                     | IC581      | NJM4565E-X      | IC              |              | 1   | Z     |
| △                   | IC701      | MN101E16KEK     | IC(MCU)         |              | 1   | Z     |
|                     | IC702      | S-80824CNNB-G-W | IC              |              | 1   | Z     |
|                     | IC702 or   | IC-PST3424U-X   | IC              |              | 1   | Z     |
|                     | IC771      | R1EX24002ASAA-X | IC              |              | 1   | Z     |
| △                   | IC901      | R2S25400DS-E    | IC              |              | 1   | Z     |
|                     | IC951      | XC6213B332NG-X  | IC              |              | 1   | Z     |
|                     | Q331       | IMX9-W          | PAIR TRANSISTOR |              | 1   | Z     |
|                     | Q701       | RT1N141C-X      | DIGI TRANSISTOR |              | 1   | Z     |
|                     | Q701 or    | UN2211-X        | TRANSISTOR      |              | 1   | Z     |
|                     | Q781       | RT1P141C-X      | DIGI TRANSISTOR |              | 1   | Z     |
|                     | Q781 or    | UN2111-X        | TRANSISTOR      |              | 1   | Z     |
|                     | Q782       | 2SC1623A/5-6/-X | TRANSISTOR      |              | 1   | Z     |
|                     | Q782 or    | 2SC3928A/QR/-X  | TRANSISTOR      |              | 1   | Z     |
|                     | Q784       | RT1P141C-X      | DIGI TRANSISTOR |              | 1   | Z     |
|                     | Q784 or    | UN2111-X        | TRANSISTOR      |              | 1   | Z     |
|                     | Q976       | RT1N141C-X      | DIGI TRANSISTOR |              | 1   | Z     |
|                     | Q976 or    | UN2211-X        | TRANSISTOR      |              | 1   | Z     |
|                     | Q977       | 2SA812A/5-6/-X  | TRANSISTOR      |              | 1   | Z     |
|                     | Q977 or    | ISA1530AC1/QR/X | TRANSISTOR      |              | 1   | Z     |
|                     | Q978       | 2SC1623A/5-6/-X | TRANSISTOR      |              | 1   | Z     |
|                     | Q978 or    | 2SC3928A/QR/-X  | TRANSISTOR      |              | 1   | Z     |
|                     | D331       | BAW56-TP-X      | SI DIODE        |              | 1   | Z     |
|                     | D331 or    | MC2836-X        | DIODE           |              | 1   | Z     |
|                     | D712       | DA2J101-X       | SI DIODE        |              | 1   | Z     |
|                     | D715       | DZ2J051/M/-X    | Z DIODE         |              | 1   | Z     |
|                     | D716       | DZ2J051/M/-X    | Z DIODE         |              | 1   | Z     |
|                     | D717       | DZ2J051/M/-X    | Z DIODE         |              | 1   | Z     |
|                     | D718       | DZ2J051/M/-X    | Z DIODE         |              | 1   | Z     |
|                     | D781       | DA2J101-X       | SI DIODE        |              | 1   | Z     |
|                     | D782       | NRSA02J-0R0X    | MG RESISTOR     | 0Ω 1/10W J   | 1   | Z     |
|                     | D784       | DZ2J100/M/-X    | Z DIODE         |              | 1   | Z     |
| △                   | D901       | 1N5401-BPC04    | SI DIODE        |              | 1   | Z     |
|                     | D903       | DA2J101-X       | SI DIODE        |              | 1   | Z     |
|                     | D971       | MBRX130-TP-X    | SB DIODE        |              | 1   | Z     |
|                     | D971 or    | MA22D23-X       | SB DIODE        |              | 1   | Z     |
|                     | D972       | MBRX130-TP-X    | SB DIODE        |              | 1   | Z     |
|                     | D972 or    | MA22D23-X       | SB DIODE        |              | 1   | Z     |
|                     | C1         | NCB31HK-102X    | C CAPACITOR     | 1000pF 50V K | 1   | Z     |
|                     | C2         | NDC31HJ-7R0X    | C CAPACITOR     | 7pF 50V J    | 1   | Z     |
|                     | C3         | NCB31HK-102X    | C CAPACITOR     | 1000pF 50V K | 1   | Z     |
|                     | C4         | NCB31CK-224X    | C CAPACITOR     | 0.22uF 16V K | 1   | Z     |
|                     | C5         | NDC31HJ-150X    | C CAPACITOR     | 15pF 50V J   | 1   | Z     |
|                     | C7         | NDC31HJ-220X    | C CAPACITOR     | 22pF 50V J   | 1   | Z     |
|                     | C8         | NCJ11EK-106X-A  | C CAPACITOR     | 10uF 25V K   | 1   | Z     |
|                     | C10        | NCB21EK-105X    | C CAPACITOR     | 1uF 25V K    | 1   | Z     |
|                     | C11        | NCB31HK-103X    | C CAPACITOR     | 0.01uF 50V K | 1   | Z     |
|                     | C12        | NCB31HK-103X    | C CAPACITOR     | 0.01uF 50V K | 1   | Z     |
|                     | C13        | NCB21EK-105X    | C CAPACITOR     | 1uF 25V K    | 1   | Z     |
|                     | C14        | NCB31CK-224X    | C CAPACITOR     | 0.22uF 16V K | 1   | Z     |
|                     | C15        | NCB31CK-104X    | C CAPACITOR     | 0.1uF 16V K  | 1   | Z     |
|                     | C16        | NCB31HK-103X    | C CAPACITOR     | 0.01uF 50V K | 1   | Z     |
|                     | C17        | NCB31CK-104X    | C CAPACITOR     | 0.1uF 16V K  | 1   | Z     |
|                     | C18        | NCB31HK-103X    | C CAPACITOR     | 0.01uF 50V K | 1   | Z     |
|                     | C19        | NCB31CK-104X    | C CAPACITOR     | 0.1uF 16V K  | 1   | Z     |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.      | Parts Name  | Description   | QTY | Local |
|------|------------|----------------|-------------|---------------|-----|-------|
|      | C22        | NDC31HJ-120X   | C CAPACITOR | 12pF 50V J    | 1   | Z     |
|      | C23        | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | Z     |
|      | C24        | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K  | 1   | Z     |
|      | C25        | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K  | 1   | Z     |
|      | C27        | QEKJ1EM-106Z   | E CAPACITOR | 10uF 25V M    | 1   | Z     |
|      | C33        | NDC31HJ-5R6X   | C CAPACITOR | 5.6pF 50V J   | 1   | Z     |
|      | C162       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K     | 1   | Z     |
|      | C163       | QTE1H64-225Z   | E CAPACITOR | 2.2uF 50V     | 1   | Z     |
|      | C164       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K     | 1   | Z     |
|      | C165       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K     | 1   | Z     |
|      | C168       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K     | 1   | Z     |
|      | C170       | QTE1A57-107Z   | E CAPACITOR | 100uF 10V     | 1   | Z     |
|      | C172       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K     | 1   | Z     |
|      | C173       | QTE1H64-225Z   | E CAPACITOR | 2.2uF 50V     | 1   | Z     |
|      | C174       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K     | 1   | Z     |
|      | C176       | QERF1HM-335Z-E | E CAPACITOR | 3.3uF 50V M   | 1   | Z     |
|      | C177       | NDC31HJ-560X   | C CAPACITOR | 56pF 50V J    | 1   | Z     |
|      | C178       | QERF1CM-106Z-E | E CAPACITOR | 10uF 16V M    | 1   | Z     |
|      | C184       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | Z     |
|      | C301       | QTE1C66-474Z   | E CAPACITOR | 0.47uF 16V    | 1   | Z     |
|      | C302       | QTE1C66-474Z   | E CAPACITOR | 0.47uF 16V    | 1   | Z     |
|      | C303       | NCB21CK-474X-A | C CAPACITOR | 0.47uF 16V K  | 1   | Z     |
|      | C304       | NCB21CK-474X-A | C CAPACITOR | 0.47uF 16V K  | 1   | Z     |
|      | C311       | QTE1C66-474Z   | E CAPACITOR | 0.47uF 16V    | 1   | Z     |
|      | C312       | QTE1C66-474Z   | E CAPACITOR | 0.47uF 16V    | 1   | Z     |
|      | C313       | NCB21CK-474X-A | C CAPACITOR | 0.47uF 16V K  | 1   | Z     |
|      | C314       | NCB21CK-474X-A | C CAPACITOR | 0.47uF 16V K  | 1   | Z     |
|      | C315       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K     | 1   | Z     |
|      | C316       | QEKJ1HM-475Z   | E CAPACITOR | 4.7uF 50V M   | 1   | Z     |
|      | C317       | QERF1CM-226Z-E | E CAPACITOR | 22uF 16V M    | 1   | Z     |
|      | C326       | QERF1CM-106Z-E | E CAPACITOR | 10uF 16V M    | 1   | Z     |
|      | C327       | NCB21AK-105X-A | C CAPACITOR | 1uF 10V K     | 1   | Z     |
|      | C393       | QEKJ1HM-475Z   | E CAPACITOR | 4.7uF 50V M   | 1   | Z     |
|      | C394       | QEKJ1HM-475Z   | E CAPACITOR | 4.7uF 50V M   | 1   | Z     |
|      | C583       | NCB31HK-821X   | C CAPACITOR | 820pF 50V K   | 1   | Z     |
|      | C584       | NCB31HK-821X   | C CAPACITOR | 820pF 50V K   | 1   | Z     |
|      | C585       | QERF1EM-475Z-E | E CAPACITOR | 4.7uF 25V M   | 1   | Z     |
|      | C586       | QERF1EM-475Z-E | E CAPACITOR | 4.7uF 25V M   | 1   | Z     |
|      | C587       | NDC31HJ-151X   | C CAPACITOR | 150pF 50V J   | 1   | Z     |
|      | C588       | NDC31HJ-151X   | C CAPACITOR | 150pF 50V J   | 1   | Z     |
|      | C590       | QERF0JM-476Z-E | E CAPACITOR | 47uF 6.3V M   | 1   | Z     |
|      | C591       | QERF1AM-107Z-E | E CAPACITOR | 100uF 10V M   | 1   | Z     |
|      | C592       | NCB31HK-104X   | C CAPACITOR | 0.1uF 50V K   | 1   | Z     |
|      | C703       | NDC31HJ-8R0X   | C CAPACITOR | 8pF 50V J     | 1   | Z     |
|      | C704       | NDC31HJ-9R0X   | C CAPACITOR | 9pF 50V J     | 1   | Z     |
|      | C707       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M   | 1   | Z     |
|      | C708       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | Z     |
|      | C709       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | Z     |
|      | C711       | QEKJ0JM-476Z   | E CAPACITOR | 47uF 6.3V M   | 1   | Z     |
|      | C714       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | Z     |
|      | C715       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | Z     |
|      | C717       | NCB31HK-821X   | C CAPACITOR | 820pF 50V K   | 1   | Z     |
|      | C718       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | Z     |
|      | C719       | QERF1AM-107Z   | E CAPACITOR | 100uF 10V M   | 1   | Z     |
|      | C720       | NDC31HJ-820X   | C CAPACITOR | 82pF 50V J    | 1   | Z     |
|      | C721       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | Z     |
|      | C722       | QERF1EM-475Z   | E CAPACITOR | 4.7uF 25V M   | 1   | Z     |
|      | C725       | NCB31CK-105X   | C CAPACITOR | 1uF 16V K     | 1   | Z     |
|      | C733       | NCJ11EK-106X-A | C CAPACITOR | 10uF 25V K    | 1   | Z     |
|      | C736       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | Z     |
|      | C737       | NDC31HJ-101X   | C CAPACITOR | 100pF 50V J   | 1   | Z     |
|      | C771       | NCB31CK-473X   | C CAPACITOR | 0.047uF 16V K | 1   | Z     |
|      | C781       | QEKJ0JM-107Z   | E CAPACITOR | 100uF 6.3V M  | 1   | Z     |
|      | C784       | QERF1CM-107Z   | E CAPACITOR | 100uF 16V M   | 1   | Z     |
|      | C901       | QE20870-278    | E CAPACITOR | 2700uF        | 1   | Z     |
|      | C902       | NCB31AK-474X   | C CAPACITOR | 0.47uF 10V K  | 1   | Z     |
|      | C903       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M   | 1   | Z     |
|      | C904       | QERF1AM-227Z   | E CAPACITOR | 220uF 10V M   | 1   | Z     |
|      | C905       | QEKJ1CM-476Z   | E CAPACITOR | 47uF 16V M    | 1   | Z     |
|      | C906       | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K  | 1   | Z     |
|      | C907       | QEKJ1CM-107Z   | E CAPACITOR | 100uF 16V M   | 1   | Z     |
|      | C908       | QEKJ1CM-476Z   | E CAPACITOR | 47uF 16V M    | 1   | Z     |
|      | C910       | QEKJ1EM-106Z   | E CAPACITOR | 10uF 25V M    | 1   | Z     |
|      | C912       | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K  | 1   | Z     |
|      | C913       | QEKJ1EM-106Z   | E CAPACITOR | 10uF 25V M    | 1   | Z     |
|      | C915       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | Z     |
|      | C917       | QERF0JM-337Z   | E CAPACITOR | 330uF 6.3V M  | 1   | Z     |
|      | C951       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | Z     |
|      | C952       | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K   | 1   | Z     |
|      | C971       | NCB31HK-104X   | C CAPACITOR | 0.1uF 50V K   | 1   | Z     |
|      | C991       | NCB31HK-472X   | C CAPACITOR | 4700pF 50V K  | 1   | Z     |
|      | R1         | NRSA63J-474X   | MG RESISTOR | 470kΩ 1/16W J | 1   | Z     |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.    | Parts Name  | Description   | QTY | Local |
|------|------------|--------------|-------------|---------------|-----|-------|
|      | R2         | NRSA63J-474X | MG RESISTOR | 470kΩ 1/16W J | 1   | Z     |
|      | R3         | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | Z     |
|      | R4         | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | Z     |
|      | R5         | NRSA02J-470X | MG RESISTOR | 47Ω 1/10W J   | 1   | Z     |
|      | R6         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | Z     |
|      | R7         | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | Z     |
|      | R8         | NRSA02J-470X | MG RESISTOR | 47Ω 1/10W J   | 1   | Z     |
|      | R11        | NRS181J-4R7X | MG RESISTOR | 4.7Ω 1/8W J   | 1   | Z     |
|      | R14        | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | Z     |
|      | R15        | NRS181J-472X | MG RESISTOR | 4.7kΩ 1/8W J  | 1   | Z     |
|      | R161       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | Z     |
|      | R162       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | Z     |
|      | R163       | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J  | 1   | Z     |
|      | R164       | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | 1   | Z     |
|      | R165       | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J  | 1   | Z     |
|      | R168       | NRS181J-103X | MG RESISTOR | 10kΩ 1/8W J   | 1   | Z     |
|      | R169       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | Z     |
|      | R171       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | Z     |
|      | R172       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | Z     |
|      | R305       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | Z     |
|      | R309       | NRS181J-100X | MG RESISTOR | 10Ω 1/8W J    | 1   | Z     |
|      | R310       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | Z     |
|      | R341       | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | 1   | Z     |
|      | R342       | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J  | 1   | Z     |
|      | R343       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | Z     |
|      | R344       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | Z     |
|      | R351       | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | 1   | Z     |
|      | R352       | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J  | 1   | Z     |
|      | R353       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | Z     |
|      | R354       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | Z     |
|      | R389       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | Z     |
|      | R390       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | Z     |
|      | R583       | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J  | 1   | Z     |
|      | R584       | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J  | 1   | Z     |
|      | R585       | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | 1   | Z     |
|      | R586       | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | 1   | Z     |
|      | R587       | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J  | 1   | Z     |
|      | R588       | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J  | 1   | Z     |
|      | R591       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | Z     |
|      | R592       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | Z     |
|      | R593       | NRS181J-223X | MG RESISTOR | 22kΩ 1/8W J   | 1   | Z     |
|      | R594       | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J  | 1   | Z     |
|      | R701       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | Z     |
|      | R702       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | Z     |
|      | R703       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | Z     |
|      | R704       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | Z     |
|      | R707       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | Z     |
|      | R708       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | Z     |
|      | R711       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | Z     |
|      | R713       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | Z     |
|      | R715       | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J  | 1   | Z     |
|      | R716       | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J  | 1   | Z     |
|      | R720       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | Z     |
|      | R724       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | Z     |
|      | R725       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | Z     |
|      | R726       | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J  | 1   | Z     |
|      | R727       | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | 1   | Z     |
|      | R728       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | Z     |
|      | R730       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | Z     |
|      | R731       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | Z     |
|      | R732       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | Z     |
|      | R733       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | Z     |
|      | R736       | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J  | 1   | Z     |
|      | R737       | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J  | 1   | Z     |
|      | R738       | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J  | 1   | Z     |
|      | R739       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | Z     |
|      | R741       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | Z     |
|      | R742       | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J  | 1   | Z     |
|      | R744       | NRS181J-101X | MG RESISTOR | 100Ω 1/8W J   | 1   | Z     |
|      | R746       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | Z     |
|      | R747       | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  | 1   | Z     |
|      | R748       | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | 1   | Z     |
|      | R749       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | Z     |
|      | R750       | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | 1   | Z     |
|      | R752       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | Z     |
|      | R753       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | Z     |
|      | R755       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | Z     |
|      | R756       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | Z     |
|      | R758       | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  | 1   | Z     |
|      | R759       | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/10W J    | 1   | Z     |
|      | R761       | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   | 1   | Z     |
|      | R763       | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J  | 1   | Z     |
|      | R765       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | Z     |
|      | R766       | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | 1   | Z     |

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe                  | Symbol No. | Parts No.       | Parts Name      | Description   | QTY | Local |
|-----------------------|------------|-----------------|-----------------|---------------|-----|-------|
|                       | R767       | NRSA63J-473X    | MG RESISTOR     | 47kΩ 1/16W J  | 1   | Z     |
|                       | R771       | NRSA63J-271X    | MG RESISTOR     | 270Ω 1/16W J  | 1   | Z     |
|                       | R772       | NRSA63J-271X    | MG RESISTOR     | 270Ω 1/16W J  | 1   | Z     |
|                       | R774       | NRSA63J-473X    | MG RESISTOR     | 47kΩ 1/16W J  | 1   | Z     |
|                       | R775       | NRSA63J-222X    | MG RESISTOR     | 2.2kΩ 1/16W J | 1   | Z     |
|                       | R777       | NRSA63J-103X    | MG RESISTOR     | 10kΩ 1/16W J  | 1   | Z     |
|                       | R779       | NRSA63J-101X    | MG RESISTOR     | 100Ω 1/16W J  | 1   | Z     |
|                       | R781       | NRS181J-473X    | MG RESISTOR     | 47kΩ 1/8W J   | 1   | Z     |
|                       | R782       | NRSA63J-472X    | MG RESISTOR     | 4.7kΩ 1/16W J | 1   | Z     |
|                       | R783       | NRSA63J-103X    | MG RESISTOR     | 10kΩ 1/16W J  | 1   | Z     |
|                       | R784       | NRSA63J-103X    | MG RESISTOR     | 10kΩ 1/16W J  | 1   | Z     |
|                       | R901       | QRE141J-103Y    | C RESISTOR      | 10kΩ 1/4W J   | 1   | Z     |
|                       | R902       | NRSA02J-0R0X    | MG RESISTOR     | 0Ω 1/10W J    | 1   | Z     |
|                       | R903       | NRSA02J-472X    | MG RESISTOR     | 4.7kΩ 1/10W J | 1   | Z     |
|                       | R930       | NRSA63J-103X    | MG RESISTOR     | 10kΩ 1/16W J  | 1   | Z     |
|                       | R971       | NRS181J-332X    | MG RESISTOR     | 3.3kΩ 1/8W J  | 1   | Z     |
|                       | R976       | NRSA02J-273X    | MG RESISTOR     | 27kΩ 1/10W J  | 1   | Z     |
|                       | R977       | NRSA02J-123X    | MG RESISTOR     | 12kΩ 1/10W J  | 1   | Z     |
|                       | L1         | NQL093K-R47X    | P COIL          | 0.47uH K      | 1   | Z     |
|                       | L2         | NQL093K-1R8X    | P COIL          | 1.8uH K       | 1   | Z     |
|                       | L3         | NQL093K-R22X    | P COIL          | 0.22uH K      | 1   | Z     |
|                       | L4         | QQR1872-001     | RF COIL         |               | 1   | Z     |
|                       | L5         | QQL244J-561Z    | COIL            | 560uH J       | 1   | Z     |
|                       | L6         | QQL244J-561Z    | COIL            | 560uH J       | 1   | Z     |
|                       | L8         | QQL231K-4R7Y    | INDUCTOR        | 4.7uH K       | 1   | Z     |
|                       | L9         | QQL231K-4R7Y    | INDUCTOR        | 4.7uH K       | 1   | Z     |
|                       | L31        | NQL093K-R47X    | P COIL          | 0.47uH K      | 1   | Z     |
|                       | L701       | QQL231K-4R7Y    | INDUCTOR        | 4.7uH K       | 1   | Z     |
|                       | L702       | QQL231K-4R7Y    | INDUCTOR        | 4.7uH K       | 1   | Z     |
| △                     | L901       | QQR1852-001     | CHOKE COIL      |               | 1   | Z     |
| △                     | L901 or    | QQR0703-001     | CHOKE COIL      |               | 1   | Z     |
|                       | L930       | NQLH25M-4R7X    | COIL            | 4.7uH M       | 1   | Z     |
|                       | CN501      | QGB2027ME-28    | CONNECTOR       | B-B (1-28)    | 1   | Z     |
|                       | CN701      | QSZ1102J1-20    | CONNECTOR       | (1-20)        | 1   | Z     |
|                       | CN901      | QNZ0607-001     | CAR CONNECTOR   |               | 1   | Z     |
|                       | J1         | QNB0190-001     | ANT TERMINAL    |               | 1   | Z     |
|                       | J1 or      | QNB0348-001     | ANT TERMINAL    |               | 1   | Z     |
|                       | J321       | QNN0802-001     | PIN JACK        |               | 1   | Z     |
|                       | K162       | NRSA02J-0R0X    | MG RESISTOR     | 0Ω 1/10W J    | 1   | Z     |
|                       | S701       | QSW0648-001Z    | TACT SWITCH     |               | 1   | Z     |
|                       | X1         | QAX0952-001Z    | CRYSTAL         |               | 1   | Z     |
|                       | X701       | QAX0667-001Z    | C RESONATOR     | 8.000MHz      | 1   | Z     |
|                       | X702       | QAX0953-001     | CRYSTAL         |               | 1   | Z     |
| Switch board S27J<08> |            |                 |                 |               |     |       |
|                       | IC661      | PTC6526LQ-L     | IC              |               | 1   | Z     |
|                       | IC681      | KSM-2003TN5B    | IR DETECT UNIT  |               | 1   | Z     |
|                       | IC930      | TPS54040DGQ-X   | IC              |               | 1   | Z     |
|                       | Q601       | 2SA2188/F-I-X   | TRANSISTOR      |               | 1   | Z     |
|                       | Q602       | RT1N141C-X      | DIGI TRANSISTOR |               | 1   | Z     |
|                       | Q602 or    | UN2211-X        | TRANSISTOR      |               | 1   | Z     |
|                       | D633       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D634       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D635       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D636       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D638       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D639       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D640       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D641       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D642       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D645       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D646       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D650       | LWA6SG/56L/-X   | LED             |               | 1   | Z     |
|                       | D652       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D653       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D654       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D655       | SML-D12V8W/PQ-X | LED             |               | 1   | Z     |
|                       | D661       | DA2J101-X       | SI DIODE        |               | 1   | Z     |
|                       | D662       | DZ2J051/M/-X    | Z DIODE         |               | 1   | Z     |
|                       | D691       | DZ2J051/M/-X    | Z DIODE         |               | 1   | Z     |
|                       | D692       | DZ2J051/M/-X    | Z DIODE         |               | 1   | Z     |
|                       | D930       | MBRX130-TP-X    | SB DIODE        |               | 1   | Z     |
|                       | D930 or    | MA22D23-X       | SB DIODE        |               | 1   | Z     |
|                       | C661       | NCB21EK-105X    | C CAPACITOR     | 1uF 25V K     | 1   | Z     |
|                       | C662       | NDC31HJ-151X    | C CAPACITOR     | 150pF 50V J   | 1   | Z     |
|                       | C663       | NCB31HK-223X    | C CAPACITOR     | 0.022uF 50V K | 1   | Z     |
|                       | C665       | NCB31CK-104X    | C CAPACITOR     | 0.1uF 16V K   | 1   | Z     |
|                       | C666       | NCB31CK-104X    | C CAPACITOR     | 0.1uF 16V K   | 1   | Z     |
|                       | C682       | NCB31HK-104X    | C CAPACITOR     | 0.1uF 50V K   | 1   | Z     |
|                       | C687       | NCB31HK-102X    | C CAPACITOR     | 1000pF 50V K  | 1   | Z     |
|                       | C688       | NCB31HK-102X    | C CAPACITOR     | 1000pF 50V K  | 1   | Z     |
|                       | C692       | NCJ11EK-106X-R  | C CAPACITOR     | 10uF 25V      | 1   | Z     |
|                       | C693       | NCJ11EK-106X-R  | C CAPACITOR     | 10uF 25V      | 1   | Z     |
|                       | C930       | NCJ11EK-106X-R  | C CAPACITOR     | 10uF 25V      | 1   | Z     |
|                       | C931       | NCJ11EK-106X-R  | C CAPACITOR     | 10uF 25V      | 1   | Z     |

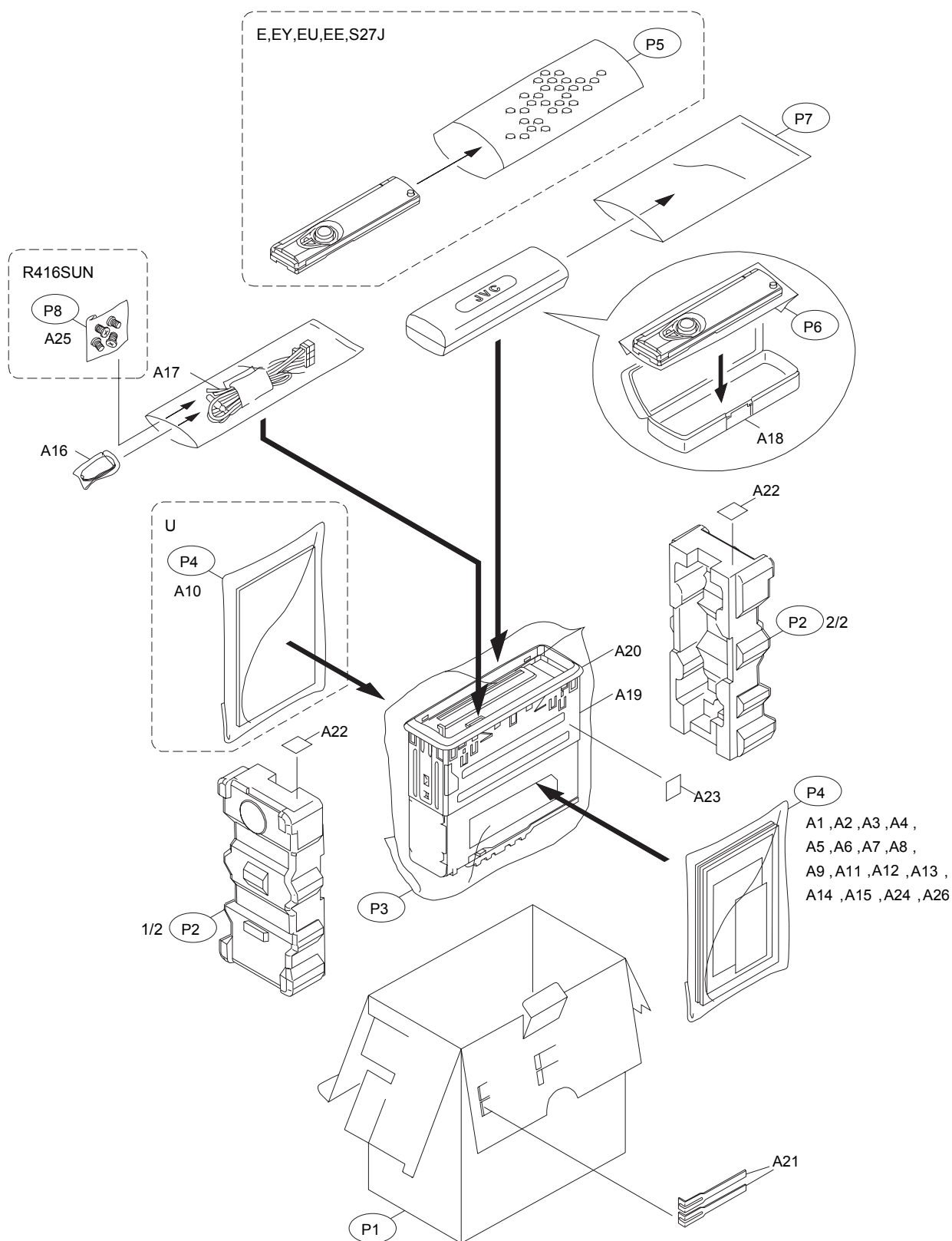
| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No. | Parts Name     | Description    | QTY           | Local |
|------|------------|-----------|----------------|----------------|---------------|-------|
|      |            | C932      | NCJ11EK-106X-R | C CAPACITOR    | 10uF 25V      | 1 Z   |
|      |            | C933      | NCB31HK-104X   | C CAPACITOR    | 0.1uF 50V K   | 1 Z   |
|      |            | C934      | NCB31HK-104X   | C CAPACITOR    | 0.1uF 50V K   | 1 Z   |
|      |            | C935      | NCB31HK-272X   | C CAPACITOR    | 2700pF 50V K  | 1 Z   |
|      |            | C936      | NDC31HJ-5R6X   | C CAPACITOR    | 5.6pF 50V J   | 1 Z   |
|      |            | C937      | NCJ11EK-106X-R | C CAPACITOR    | 10uF 25V      | 1 Z   |
|      |            | C938      | NCJ11EK-106X-R | C CAPACITOR    | 10uF 25V      | 1 Z   |
|      |            | C939      | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J    | 1 Z   |
|      |            | R601      | NRSA63J-821X   | MG RESISTOR    | 820Ω 1/16W J  | 1 Z   |
|      |            | R602      | NRSA63J-821X   | MG RESISTOR    | 820Ω 1/16W J  | 1 Z   |
|      |            | R603      | NRSA63J-122X   | MG RESISTOR    | 1.2kΩ 1/16W J | 1 Z   |
|      |            | R604      | NRSA63J-182X   | MG RESISTOR    | 1.8kΩ 1/16W J | 1 Z   |
|      |            | R605      | NRSA63J-272X   | MG RESISTOR    | 2.7kΩ 1/16W J | 1 Z   |
|      |            | R607      | NRSA63J-821X   | MG RESISTOR    | 820Ω 1/16W J  | 1 Z   |
|      |            | R608      | NRSA63J-821X   | MG RESISTOR    | 820Ω 1/16W J  | 1 Z   |
|      |            | R609      | NRSA63J-122X   | MG RESISTOR    | 1.2kΩ 1/16W J | 1 Z   |
|      |            | R610      | NRSA63J-182X   | MG RESISTOR    | 1.8kΩ 1/16W J | 1 Z   |
|      |            | R611      | NRSA63J-272X   | MG RESISTOR    | 2.7kΩ 1/16W J | 1 Z   |
|      |            | R612      | NRSA63J-392X   | MG RESISTOR    | 3.9kΩ 1/16W J | 1 Z   |
|      |            | R613      | NRSA63J-103X   | MG RESISTOR    | 10kΩ 1/16W J  | 1 Z   |
|      |            | R631      | NRS181J-471X   | MG RESISTOR    | 470Ω 1/8W J   | 1 Z   |
|      |            | R632      | NRS181J-471X   | MG RESISTOR    | 470Ω 1/8W J   | 1 Z   |
|      |            | R633      | NRS181J-561X   | MG RESISTOR    | 560Ω 1/8W J   | 1 Z   |
|      |            | R634      | NRS181J-471X   | MG RESISTOR    | 470Ω 1/8W J   | 1 Z   |
|      |            | R635      | NRS181J-471X   | MG RESISTOR    | 470Ω 1/8W J   | 1 Z   |
|      |            | R636      | NRS181J-471X   | MG RESISTOR    | 470Ω 1/8W J   | 1 Z   |
|      |            | R637      | NRS181J-471X   | MG RESISTOR    | 470Ω 1/8W J   | 1 Z   |
|      |            | R638      | NRS181J-471X   | MG RESISTOR    | 470Ω 1/8W J   | 1 Z   |
|      |            | R648      | NRS181J-391X   | MG RESISTOR    | 390Ω 1/8W J   | 1 Z   |
|      |            | R649      | NRS181J-391X   | MG RESISTOR    | 390Ω 1/8W J   | 1 Z   |
|      |            | R650      | NRS181J-221X   | MG RESISTOR    | 220Ω 1/8W J   | 1 Z   |
|      |            | R651      | NRS181J-271X   | MG RESISTOR    | 270Ω 1/8W J   | 1 Z   |
|      |            | R652      | NRSA63J-472X   | MG RESISTOR    | 4.7kΩ 1/16W J | 1 Z   |
|      |            | R653      | NRS181J-102X   | MG RESISTOR    | 1kΩ 1/8W J    | 1 Z   |
|      |            | R654      | NRSA63J-511X   | MG RESISTOR    | 510Ω 1/16W J  | 1 Z   |
|      |            | R660      | NRSA63J-394X   | MG RESISTOR    | 390kΩ 1/16W J | 1 Z   |
|      |            | R661      | NRSA63J-102X   | MG RESISTOR    | 1kΩ 1/16W J   | 1 Z   |
|      |            | R662      | NRSA63J-102X   | MG RESISTOR    | 1kΩ 1/16W J   | 1 Z   |
|      |            | R663      | NRSA63J-102X   | MG RESISTOR    | 1kΩ 1/16W J   | 1 Z   |
|      |            | R664      | NRSA63J-224X   | MG RESISTOR    | 220kΩ 1/16W J | 1 Z   |
|      |            | R665      | NRSA63J-101X   | MG RESISTOR    | 100Ω 1/16W J  | 1 Z   |
|      |            | R666      | NRSA63J-101X   | MG RESISTOR    | 100Ω 1/16W J  | 1 Z   |
|      |            | R667      | NRSA63J-101X   | MG RESISTOR    | 100Ω 1/16W J  | 1 Z   |
|      |            | R672      | NRSA63J-0R0X   | MG RESISTOR    | 0Ω 1/10W J    | 1 Z   |
|      |            | R673      | NRSA63J-0R0X   | MG RESISTOR    | 0Ω 1/10W J    | 1 Z   |
|      |            | R681      | NRSA63J-471X   | MG RESISTOR    | 470Ω 1/16W J  | 1 Z   |
|      |            | R682      | NRSA63J-102X   | MG RESISTOR    | 1kΩ 1/16W J   | 1 Z   |
|      |            | R690      | NRSA63J-103X   | MG RESISTOR    | 10kΩ 1/16W J  | 1 Z   |
|      |            | R931      | NRSA63J-432X   | MG RESISTOR    | 4.3kΩ 1/16W J | 1 Z   |
|      |            | R932      | NRSA63J-274X   | MG RESISTOR    | 270kΩ 1/16W J | 1 Z   |
|      |            | R933      | NRSA63J-681X   | MG RESISTOR    | 680Ω 1/16W J  | 1 Z   |
|      |            | R934      | NRSA63J-753X   | MG RESISTOR    | 75kΩ 1/16W J  | 1 Z   |
|      |            | R935      | NRSA63J-753X   | MG RESISTOR    | 75kΩ 1/16W J  | 1 Z   |
|      |            | R936      | NRSA63D-103X   | MG RESISTOR    | 10kΩ 1/16W D  | 1 Z   |
|      |            | R937      | NRSA63J-182X   | MG RESISTOR    | 1.8kΩ 1/16W J | 1 Z   |
|      |            | R938      | NRSA63D-513X   | MG RESISTOR    | 51kΩ 1/16W D  | 1 Z   |
|      |            | L601      | NQR0007-002X   | FERRITE BEADS  |               | 1 Z   |
|      |            | L602      | NQR0007-002X   | FERRITE BEADS  |               | 1 Z   |
|      |            | L603      | NQR0007-002X   | FERRITE BEADS  |               | 1 Z   |
|      |            | L691      | NQR0536-001X   | CHOKE COIL     |               | 1 Z   |
|      |            | L931      | NQL52EM-220X   | COIL           | 22uH M        | 1 Z   |
|      |            | CN601     | QGZ1102K1-20X  | CONNECTOR      | (1-20)        | 1 Z   |
|      |            | CN603     | QNZ1006-001    | USB CONNECTOR  |               | 1 Z   |
|      |            | CN603     | QNZ0963-002    | USB CONNECTOR  |               | 1 Z   |
|      |            | EN601     | QSW1231-002    | ROTARY ENCODER |               | 1 Z   |
|      |            | PJ601     | QNS0280-001    | 3.5 JACK       |               | 1 Z   |
|      |            | S601      | NSW0326-001X   | TACT SWITCH    |               | 1 Z   |
|      |            | S602      | NSW0326-001X   | TACT SWITCH    |               | 1 Z   |
|      |            | S603      | NSW0326-001X   | TACT SWITCH    |               | 1 Z   |
|      |            | S604      | NSW0326-001X   | TACT SWITCH    |               | 1 Z   |
|      |            | S605      | NSW0326-001X   | TACT SWITCH    |               | 1 Z   |
|      |            | S606      | NSW0326-001X   | TACT SWITCH    |               | 1 Z   |
|      |            | S607      | NSW0326-001X   | TACT SWITCH    |               | 1 Z   |
|      |            | S608      | NSW0326-001X   | TACT SWITCH    |               | 1 Z   |
|      |            | S609      | NSW0326-001X   | TACT SWITCH    |               | 1 Z   |
|      |            | S610      | NSW0326-001X   | TACT SWITCH    |               | 1 Z   |
|      |            | S611      | NSW0326-001X   | TACT SWITCH    |               | 1 Z   |

## Packing materials and accessories

Block No.M3MM

No additional / supplemental order of WARRANTY CARDS are available.



The parts without symbol number are not service.

| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
|-----------|------|-----------|------|-----------|------|------------|------|
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe                           | Symbol No. | Parts No.    | Parts Name      | Description            | QTY | Local                                             |
|--------------------------------|------------|--------------|-----------------|------------------------|-----|---------------------------------------------------|
| Packing and accessories <M3MM> |            |              |                 |                        |     |                                                   |
| A1                             |            | GET0624-001A | INST BOOK       | GER                    | 1   | A,B,D,F,G,I                                       |
| A1                             |            | GET0624-005A | INST BOOK       | SPA RUS TUR PER        | 1   | E,H                                               |
| A1                             |            | GET0623-001A | INST BOOK       | ENG THA                | 1   | K,L,Q,R                                           |
| A1                             |            | GET0623-004A | INST BOOK       | ENG INA                | 1   | M,S                                               |
| A1                             |            | GET0623-005A | INST BOOK       | ENG CHI(TAIWAN)        | 1   | N,O,T,U                                           |
| A1                             |            | GET0623-011A | INST BOOK       | INA                    | 1   | P                                                 |
| A2                             |            | GET0624-002A | INST BOOK       | DUT SPA ITA POR        | 1   | A,D,G                                             |
| A2                             |            | GET0624-006A | INST BOOK       | POL RUS GRE            | 1   | B,F,I                                             |
| A2                             |            | GET0623-003A | INST BOOK       | RUS                    | 1   | K,Q                                               |
| A3                             |            | GET0624-003A | INST BOOK       | ENG FRE                | 1   | A,D,E,G,H                                         |
| A3                             |            | GET0624-007B | INST BOOK       | ROH BUL CZE HUN        | 1   | B,F,I                                             |
| A4                             |            | GET0629-001A | INST.BK/MANUAL  | RUS                    | 1   | C,V                                               |
| A4                             |            | GET0659-001A | INST.BK/MANUAL  | ENG                    | 1   | J                                                 |
| A4                             |            | GET0632-001A | INST.BK/MANUAL  | ENG                    | 1   | W                                                 |
| A4                             |            | GET0644-001A | INST.BK/MANUAL  | CHI(PEKIN)             | 1   | X                                                 |
| A4                             |            | GET0698-001A | INST.BK/MANUAL  | ENG                    | 1   | Z                                                 |
| A5                             |            | GET0629-002A | INST.BK/MANUAL  | UKR                    | 1   | C,V                                               |
| A5                             |            | GET0632-002A | INST.BK/MANUAL  | SPA                    | 1   | W                                                 |
| A5                             |            | GET0698-002A | INST.BK/MANUAL  | SPA                    | 1   | Z                                                 |
| A6                             |            | GET0632-003A | INSTALL MANUAL  | FRE                    | 1   | W                                                 |
|                                |            |              |                 |                        |     |                                                   |
| A7                             |            | GET0624-015A | INSTALL MANUAL  | GER                    | 1   | A,B,D,F,G,I                                       |
| A7                             |            | GET0624-019A | INSTALL MANUAL  | SPA RUS TUR PER        | 1   | E,H                                               |
| A7                             |            | GET0623-006A | INSTALL MANUAL  | ENG THA                | 1   | K,L,Q,R                                           |
| A7                             |            | GET0623-009A | INSTALL MANUAL  | ENG INA                | 1   | M,S                                               |
| A7                             |            | GET0623-010A | INSTALL MANUAL  | ENG CHI(PEKIN)         | 1   | N,O,T,U                                           |
| A8                             |            | GET0624-016A | INSTALL MANUAL  | DUT SPA ITA POR        | 1   | A,D,G                                             |
| A8                             |            | GET0624-020A | INSTALL MANUAL  | POL RUS GRE            | 1   | B,F,I                                             |
| A8                             |            | GET0623-007A | INSTALL MANUAL  | KOR CHI(PEKIN) ARA PER | 1   | K,Q                                               |
| A9                             |            | GET0624-017A | INSTALL MANUAL  | ENG FRE                | 1   | A,D,E,G,H                                         |
| A9                             |            | GET0624-021A | INSTALL MANUAL  | ROM BUL CZE HUN        | 1   | B,F,I                                             |
| A9                             |            | GET0623-008A | INSTALL MANUAL  | RUS                    | 1   | K,Q                                               |
| A10                            |            | GET0623-002A | INST BOOK       | KOR CHI(PEKIN) ARA PER | 1   | K,Q                                               |
| A11                            |            | -----        | WARRANTY CARD   | BT-52008-1             | 1   | W,Z                                               |
| A12                            |            | -----        | WARRANTY CARD   | BT-51018-6             | 1   | W,Z                                               |
| A13                            |            | BT-51044-1   | REGIST CARD     |                        | 1   | W,Z                                               |
| A14                            |            | -----        | WARRANTY CARD   | BT-54042-1             | 1   | A,B,C,D,F,G,I,V                                   |
| A14                            |            | -----        | WARRANTY CARD   | BT-59033-1             | 1   | X                                                 |
| A15                            |            | BT-59022-9   | SVC CENTER LIST |                        | 1   | X                                                 |
| A16                            |            | RM-RK50M     | REMOCON UNIT    |                        | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,X                         |
|                                |            |              |                 |                        |     |                                                   |
| A16                            |            | RM-RK50C1    | REMOCON UNIT    |                        | 1   | W,Y,Z                                             |
|                                |            |              |                 |                        |     |                                                   |
| △                              | A17        | QAM1239-001  | CAR CABLE       |                        | 1   | A,B,C,D,E,F,G,H,I,V                               |
| △                              | A17        | QAM1145-001  | CAR CABLE       |                        | 1   | J,K,L,M,N,O,Q,R,S,T,U,X                           |
| △                              | A17        | QAM1302-001  | CAR CABLE       |                        | 1   | P                                                 |
| △                              | A17        | QAM1142-001  | CAR CABLE       |                        | 1   | W,Z                                               |
| △                              | A17        | QAM1235-001  | CAR CABLE       |                        | 1   | Y                                                 |
| A18                            |            | GE32320-001A | HARD CASE ASSY  |                        | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y                   |
|                                |            |              |                 |                        |     |                                                   |
| A19                            |            | GE20267-001A | MOUNTING SLEEVE |                        | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,Q,R,S,T,U,V,W,X,Y,Z |
|                                |            |              |                 |                        |     |                                                   |
| A20                            |            | GE20204-020A | TRIM PLATE      |                        | 1   | A,B,C,D,E,F,G,H,I,V                               |
| A20                            |            | GE20235-012A | TRIM PLATE      |                        | 1   | J,K,L,M,N,O                                       |
| A20                            |            | GE20235-014A | TRIM PLATE      |                        | 1   | P,Q,R,S,T,U,W,X,Y,Z                               |
| A21                            |            | GE40481-001A | HOOK            |                        | 2   | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,Q,R,S,T,U,V,W,X,Y,Z |
|                                |            |              |                 |                        |     |                                                   |
| A22                            |            | LV44927-301A | RECYCLE MARK    | M5 x 8mm               | 2   | X                                                 |
| A23                            |            | LV44928-301A | RECYCLE MARK    |                        | 1   | X                                                 |
| A24                            |            | GE40244-001A | BLIND PLATE     |                        | 1   | P                                                 |
| A25                            |            | QYSDSP5008ZA | SCREW           |                        | 4   | P                                                 |
| A26                            |            | GET0222-001B | CAUTION SHEET   |                        | 1   | Z                                                 |
| P1                             |            | GE34004-001A | CARTON          |                        | 1   | A,B                                               |
| P1                             |            | GE33776-001A | CARTON          |                        | 1   | C                                                 |
| P1                             |            | GE33826-001A | CARTON          |                        | 1   | D,E,F                                             |
| P1                             |            | GE34001-001A | CARTON          |                        | 1   | G,H,I                                             |
|                                |            |              |                 |                        |     |                                                   |
| P1                             |            | GE33900-001A | CARTON          |                        | 1   | J                                                 |
| P1                             |            | GE33823-001A | CARTON          |                        | 1   | K,L,M,N                                           |
| P1                             |            | GE34028-001A | CARTON          |                        | 1   | O                                                 |
| P1                             |            | GE34068-001A | CARTON          |                        | 1   | P                                                 |
| P1                             |            | GE33897-001A | CARTON          |                        | 1   | Q,R,S,T                                           |
| P1                             |            | GE34029-001A | CARTON          |                        | 1   | U                                                 |
| P1                             |            | GE33829-001A | CARTON          |                        | 1   | V                                                 |
| P1                             |            | GE33820-001A | CARTON          |                        | 1   | W                                                 |
| P1                             |            | GE33903-001A | CARTON          |                        | 1   | X                                                 |
| P1                             |            | GE34372-001A | CARTON          |                        | 1   | Z                                                 |
| P2                             |            | GE10270-001A | CUSHION         |                        | 1   | A,B,C,D,E,F,G,H,I,V                               |

|           |      |           |      |           |      |            |      |
|-----------|------|-----------|------|-----------|------|------------|------|
| MODEL     | MARK | MODEL     | MARK | MODEL     | MARK | MODEL      | MARK |
| KD-R35E   | A    | KD-R35EY  | B    | KD-R38EE  | C    | KD-R411E   | D    |
| KD-R411EU | E    | KD-R411EY | F    | KD-R412E  | G    | KD-R412EU  | H    |
| KD-R412EY | I    | KD-R414UI | J    | KD-R415U  | K    | KD-R415UH  | L    |
| KD-R415UN | M    | KD-R415UT | N    | KD-R415UW | O    | KD-R416SUN | P    |
| KD-R416U  | Q    | KD-R416UH | R    | KD-R416UN | S    | KD-R416UT  | T    |
| KD-R416UW | U    | KD-R417EE | V    | KD-R418J  | W    | KD-R418UF  | X    |
| KD-R419UR | Y    | KD-S27J   | Z    |           |      |            |      |

| Safe | Symbol No. | Parts No.     | Parts Name | Description | QTY | Local                                                     |
|------|------------|---------------|------------|-------------|-----|-----------------------------------------------------------|
| P2   |            | GE10271-001A  | CUSHION    |             | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>W,X,Z                         |
| P3   |            | QPC03004315PB | POLY BAG   | 30cm x 43cm | 1   | A,B,C,D,E,F,G,H,I,J,K,L,M,<br>N,O,P,Q,R,S,T,U,V,W,X,<br>Y |
| P3   |            | QPC03004315PG | POLY BAG   | 30cm x 43cm | 1   | Z                                                         |
| P4   |            | FSPG4002-001  | POLY BAG   |             | 1   | A,B,C,D,E,F,G,H,I,J,L,M,<br>N,O,P,R,S,T,U,V,W,X,Y,Z       |
| P4   |            | FSPG4002-001  | POLY BAG   |             | 2   | K,Q                                                       |
| P5   |            | GE40276-003A  | AIR BUBBLE |             | 1   | A,B,C,D,E,F,G,H,I,Z                                       |
| P6   |            | QPC01002515   | POLY BAG   | 10cm x 25cm | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>V,W,X,Y                       |
| P7   |            | QPA01003003   | POLY BAG   | 10cm x 30cm | 1   | J,K,L,M,N,O,P,Q,R,S,T,U,<br>V,W,X,Y                       |
| P8   |            | QPA00801205   | POLY BAG   | 8cm x 12cm  | 1   | P                                                         |



# REVISION INFORMATION

## CD RECEIVER

**KD-R35E, KD-R35EY, KD-R38EE, KD-R411E,  
KD-R411EY, KD-R411EU, KD-R412E, KD-R412EY,  
KD-R412EU, KD-R414UI, KD-R415U, KD-R415UN,  
KD-R415UT, KD-R415UH, KD-R415UW, KD-R416U,  
KD-R416UN, KD-R416UT, KD-R416UH, KD-R416UW,  
KD-R417EE, KD-R418J, KD-R418UF, KD-R416SUN,  
KD-R419UR**

### ■ OVERVIEW

Add KD-R416SUN and KD-R419UR.

### ■ DETAILS

#### COVER SECTION

| Title              | Line | No.MA465<Rev.001>                                                                                                                                                                                                                                                       | No.MA465<Rev.002>                                                                                                                                                                                                                                                                                             | Description |
|--------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Revision           |      | Rev. <b>001</b>                                                                                                                                                                                                                                                         | Rev. <b>002</b>                                                                                                                                                                                                                                                                                               |             |
| Issue Date         |      | <b>2009/12</b>                                                                                                                                                                                                                                                          | <b>2010/03</b>                                                                                                                                                                                                                                                                                                |             |
| Model No.          |      | KD-R35E, KD-R35EY, KD-R38EE, KD-R411E,<br>KD-R411EU, KD-R411EY, KD-R412E,<br>KD-R412EU, KD-R412EY, KD-R414UI,<br>KD-R415U, KD-R415UH, KD-R415UN,<br>KD-R415UT, KD-R415UW, KD-R416U,<br>KD-R416UH, KD-R416UN, KD-R416UT,<br>KD-R416UW, KD-R417EE, KD-R418J,<br>KD-R418UF | KD-R35E, KD-R35EY, KD-R38EE, KD-R411E,<br>KD-R411EU, KD-R411EY, KD-R412E,<br>KD-R412EU, KD-R412EY, KD-R414UI,<br>KD-R415U, KD-R415UH, KD-R415UN,<br>KD-R415UT, KD-R415UW, <b>KD-R416SUN</b> ,<br>KD-R416U, KD-R416UH, KD-R416UN,<br>KD-R416UT, KD-R416UW, KD-R417EE,<br>KD-R418J, KD-R418UF, <b>KD-R419UR</b> |             |
| Cover Illustration |      | ILLUSTRATION(ma465_0001.png)                                                                                                                                                                                                                                            | ILLUSTRATION(ma465_0001.png)                                                                                                                                                                                                                                                                                  |             |
| Copyright          |      | COPYRIGHT (C) <b>2009</b> Victor Company of Japan, Limited                                                                                                                                                                                                              | COPYRIGHT (C) <b>2010</b> Victor Company of Japan, Limited                                                                                                                                                                                                                                                    |             |
| SPECIFICATION      | 52   | KD-R418                                                                                                                                                                                                                                                                 | KD-R418/ <b>KD-R419</b>                                                                                                                                                                                                                                                                                       |             |

## SECTION 5 TROUBLESHOOTING

| Title             | Line | No.MA465<Rev.001> | No.MA465<Rev.002>                            | Description |
|-------------------|------|-------------------|----------------------------------------------|-------------|
| 5 TROUBLESHOOTING | 4    | -                 | <a href="#">ILLUSTRATION(ma465_5004.png)</a> |             |
|                   | 5    | -                 | <a href="#">ILLUSTRATION(ma465_5005.png)</a> |             |

## STANDARD SCHEMATIC DIAGRAMS

### Schematic Diagram

| Diagram Name | No.MA465<Rev.001>                                                                                | No.MA465<Rev.002>                                                                                                                    | Description |
|--------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Menu         | LCD & Key control section (for Except KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE) | LCD & Key control section (for Except KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE, <a href="#">KD-R416SUN,R419UR</a> ) |             |
| Menu         | -                                                                                                | <a href="#">Main section (for KD-R416SUN,R419UR)</a><br>ma465_s010.svgz                                                              |             |

### Printed Circuit Board

| Diagram Name | No.MA465<Rev.001>                                                                   | No.MA465<Rev.002>                                                                                                       | Description |
|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------|
| Menu         | Switch board (for Except KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE) | Switch board (for Except KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE, <a href="#">KD-R416SUN,R419UR</a> ) |             |
| Menu         | Sub board (for Except KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE)    | Sub board (for Except KD-R35E,35EY,38EE,411E,411EY,411EU,412E,412EY,412EU,417EE, <a href="#">KD-R416SUN,R419UR</a> )    |             |
| Menu         | -                                                                                   | <a href="#">Main board (for KD-R416SUN,R419UR)</a><br>ma465_p010.svgz                                                   |             |

### Description of Major ICs

| Diagram Name | No.MA465<Rev.001> | No.MA465<Rev.002>                 | Description |
|--------------|-------------------|-----------------------------------|-------------|
| Menu         | IC301: TB2926CHQ  | IC301: <a href="#">TB2926CHQK</a> |             |

## PARTS LIST

### MODEL No. LIST

| Model No. | No.MA465<Rev.002> |
|-----------|-------------------|
| KD-R35E   | 01                |
| KD-R35EY  | 02                |
| KD-R38EE  | 03                |
| KD-R411E  | 04                |
| KD-R411EU | 06                |
| KD-R411EY | 05                |
| KD-R412E  | 07                |
| KD-R412EU | 09                |
| KD-R412EY | 08                |

| Model No.  | No.MA465<Rev.002> |
|------------|-------------------|
| KD-R414UI  | 0A                |
| KD-R415U   | 0B                |
| KD-R415UH  | 0E                |
| KD-R415UN  | 0C                |
| KD-R415UT  | 0D                |
| KD-R415UW  | 0F                |
| KD-R416SUN | 18                |
| KD-R416U   | 10                |
| KD-R416UH  | 13                |

| Model No. | No.MA465<Rev.002> |
|-----------|-------------------|
| KD-R416UN | 11                |
| KD-R416UT | 12                |
| KD-R416UW | 14                |
| KD-R417EE | 15                |
| KD-R418J  | 16                |
| KD-R418UF | 17                |
| KD-R419UR | 19                |

### General assembly [M1MM]

| △ | Symbol               | or | Part No.  |                              | Part Name                   | Description | Qty | Models |
|---|----------------------|----|-----------|------------------------------|-----------------------------|-------------|-----|--------|
|   |                      |    | <Rev.001> | <Rev.002>                    |                             |             |     |        |
|   | <a href="#">M1MM</a> | 22 | -----     | <a href="#">GE30999-004A</a> | <a href="#">COMP.SPRING</a> | (Addition)  | 1   | 18     |
|   | <a href="#">M1MM</a> | 26 | -----     | <a href="#">GE33794-020A</a> | <a href="#">FINDER ASSY</a> | (Addition)  | 1   | 19     |
|   | <a href="#">M1MM</a> | 44 | -----     | <a href="#">GE34067-001A</a> | <a href="#">NAME PLATE</a>  | (Addition)  | 1   | 18     |

### Main board R416SUN,R419UR [06]

| △ | Symbol             | or                    | Part No.  |                               | Part Name          | Description | Qty | Models |
|---|--------------------|-----------------------|-----------|-------------------------------|--------------------|-------------|-----|--------|
|   |                    |                       | <Rev.001> | <Rev.002>                     |                    |             |     |        |
|   | <a href="#">06</a> | <a href="#">IC1</a>   | -----     | <a href="#">TEF6606T/V5-X</a> | <a href="#">IC</a> | (Addition)  | 1   | 18,19  |
|   | <a href="#">06</a> | <a href="#">IC161</a> | -----     | <a href="#">TDA7718N-X</a>    | <a href="#">IC</a> | (Addition)  | 1   | 18,19  |
|   | <a href="#">06</a> | <a href="#">IC301</a> | -----     | <a href="#">TB2926CHQK</a>    | <a href="#">IC</a> | (Addition)  | 1   | 18     |
|   | <a href="#">06</a> | <a href="#">IC301</a> | -----     | <a href="#">TB2926CHQ</a>     | <a href="#">IC</a> | (Addition)  | 1   | 19     |

| △ | Symbol | or    | Part No.  |                 | Part Name       | Description | Qty | Models |
|---|--------|-------|-----------|-----------------|-----------------|-------------|-----|--------|
|   |        |       | <Rev.001> | <Rev.002>       |                 |             |     |        |
|   | 06     | IC381 | -----     | NJM2160BV-X     | IC              | (Addition)  | 1   | 18     |
|   | 06     | IC581 | -----     | NJM4565E-X      | IC              | (Addition)  | 1   | 18,19  |
| △ | 06     | IC701 | -----     | MN101E16KEK     | IC(MCU)         | (Addition)  | 1   | 18,19  |
|   | 06     | IC702 | -----     | S-80824CNNB-G-W | IC              | (Addition)  | 1   | 18,19  |
|   | 06     | IC702 | or        | IC-PST3424U-X   | IC              | (Addition)  | 1   | 18     |
|   | 06     | IC771 | -----     | R1EX24002ASAA-X | IC              | (Addition)  | 1   | 18,19  |
| △ | 06     | IC901 | -----     | R2S25400DS-E    | IC              | (Addition)  | 1   | 18,19  |
|   | 06     | IC951 | -----     | XC6213B332NG-X  | IC              | (Addition)  | 1   | 18,19  |
|   | 06     | Q331  | -----     | IMX9-W          | PAIR TRANSISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | Q701  | -----     | RT1N141C-X      | DIGI TRANSISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | Q701  | or        | UN2211-X        | TRANSISTOR      | (Addition)  | 1   | 18     |
|   | 06     | Q781  | -----     | RT1P141C-X      | DIGI TRANSISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | Q781  | or        | UN2111-X        | TRANSISTOR      | (Addition)  | 1   | 18     |
|   | 06     | Q782  | -----     | 2SC1623A/5-6/-X | TRANSISTOR      | (Addition)  | 1   | 18,19  |
|   | 06     | Q782  | or        | 2SC3928A/QR/-X  | TRANSISTOR      | (Addition)  | 1   | 18     |
|   | 06     | Q784  | -----     | RT1P141C-X      | DIGI TRANSISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | Q784  | or        | UN2111-X        | TRANSISTOR      | (Addition)  | 1   | 18     |
|   | 06     | Q921  | -----     | 2SB1132/QR/-W   | TRANSISTOR      | (Addition)  | 1   | 18     |
|   | 06     | Q922  | -----     | RT1N141C-X      | DIGI TRANSISTOR | (Addition)  | 1   | 18     |
|   | 06     | Q922  | or        | UN2211-X        | TRANSISTOR      | (Addition)  | 1   | 18     |
|   | 06     | Q976  | -----     | RT1N141C-X      | DIGI TRANSISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | Q976  | or        | UN2211-X        | TRANSISTOR      | (Addition)  | 1   | 18     |
|   | 06     | Q977  | -----     | 2SA812A/5-6/-X  | TRANSISTOR      | (Addition)  | 1   | 18,19  |
|   | 06     | Q977  | or        | ISA1530AC1/QR/X | TRANSISTOR      | (Addition)  | 1   | 18     |
|   | 06     | Q978  | -----     | 2SC1623A/5-6/-X | TRANSISTOR      | (Addition)  | 1   | 18,19  |
|   | 06     | Q978  | or        | 2SC3928A/QR/-X  | TRANSISTOR      | (Addition)  | 1   | 18     |
|   | 06     | D331  | -----     | BAW56-TP-X      | SI DIODE        | (Addition)  | 1   | 18     |
|   | 06     | D331  | -----     | MC2836-X        | DIODE           | (Addition)  | 1   | 19     |
|   | 06     | D331  | or        | MC2836-X        | DIODE           | (Addition)  | 1   | 18     |
|   | 06     | D712  | -----     | HSU119-X        | SI DIODE        | (Addition)  | 1   | 18,19  |
|   | 06     | D712  | or        | MA111-X         | SI DIODE        | (Addition)  | 1   | 18     |
|   | 06     | D715  | -----     | RKZ5.1B2KG-X    | Z DIODE         | (Addition)  | 1   | 18,19  |
|   | 06     | D716  | -----     | RKZ5.1B2KG-X    | Z DIODE         | (Addition)  | 1   | 18,19  |
|   | 06     | D717  | -----     | RKZ5.1B2KG-X    | Z DIODE         | (Addition)  | 1   | 18,19  |
|   | 06     | D718  | -----     | RKZ5.1B2KG-X    | Z DIODE         | (Addition)  | 1   | 18,19  |
|   | 06     | D781  | -----     | HSU119-X        | SI DIODE        | (Addition)  | 1   | 18,19  |
|   | 06     | D781  | or        | MA111-X         | SI DIODE        | (Addition)  | 1   | 18     |
|   | 06     | D782  | -----     | NRSA02J-0R0X    | MG RESISTOR     | (Addition)  | 1   | 18,19  |
|   | 06     | D784  | -----     | RKZ10B2KG-X     | Z DIODE         | (Addition)  | 1   | 18,19  |
|   | 06     | D784  | or        | MA8100/M/-X     | Z DIODE         | (Addition)  | 1   | 18     |
|   | 06     | D851  | -----     | MBRX130-TP-X    | SB DIODE        | (Addition)  | 1   | 18     |
|   | 06     | D851  | or        | MA22D23-X       | SB DIODE        | (Addition)  | 1   | 18     |
|   | 06     | D852  | -----     | MBRX130-TP-X    | SB DIODE        | (Addition)  | 1   | 18     |
|   | 06     | D852  | or        | MA22D23-X       | SB DIODE        | (Addition)  | 1   | 18     |
|   | 06     | D901  | -----     | 1N5401-BPC04    | SI DIODE        | (Addition)  | 1   | 18     |
|   | 06     | D901  | -----     | 1N5401-04       | SI DIODE        | (Addition)  | 1   | 19     |
|   | 06     | D901  | or        | 1N5401-04       | SI DIODE        | (Addition)  | 1   | 18     |
|   | 06     | D903  | -----     | HSU119-X        | SI DIODE        | (Addition)  | 1   | 18,19  |
|   | 06     | D903  | or        | MA111-X         | SI DIODE        | (Addition)  | 1   | 18     |
|   | 06     | D971  | -----     | MBRX130-TP-X    | SB DIODE        | (Addition)  | 1   | 18,19  |
|   | 06     | D971  | or        | MA22D23-X       | SB DIODE        | (Addition)  | 1   | 18     |
|   | 06     | D972  | -----     | MBRX130-TP-X    | SB DIODE        | (Addition)  | 1   | 18,19  |
|   | 06     | D972  | or        | MA22D23-X       | SB DIODE        | (Addition)  | 1   | 18     |
|   | 06     | C1    | -----     | NCB31HK-102X    | C CAPACITOR     | (Addition)  | 1   | 18,19  |
|   | 06     | C2    | -----     | NDC31HJ-7R0X    | C CAPACITOR     | (Addition)  | 1   | 18,19  |
|   | 06     | C3    | -----     | NCB31HK-102X    | C CAPACITOR     | (Addition)  | 1   | 18,19  |
|   | 06     | C4    | -----     | NCB31CK-224X    | C CAPACITOR     | (Addition)  | 1   | 18,19  |
|   | 06     | C5    | -----     | NDC31HJ-150X    | C CAPACITOR     | (Addition)  | 1   | 18,19  |
|   | 06     | C7    | -----     | NDC31HJ-220X    | C CAPACITOR     | (Addition)  | 1   | 18,19  |
|   | 06     | C8    | -----     | NCJ11EK-106X-A  | C CAPACITOR     | (Addition)  | 1   | 18,19  |
|   | 06     | C10   | -----     | NCB21EK-105X    | C CAPACITOR     | (Addition)  | 1   | 18,19  |
|   | 06     | C11   | -----     | NCB31HK-103X    | C CAPACITOR     | (Addition)  | 1   | 18,19  |
|   | 06     | C12   | -----     | NCB31HK-103X    | C CAPACITOR     | (Addition)  | 1   | 18,19  |
|   | 06     | C13   | -----     | NCB21EK-105X    | C CAPACITOR     | (Addition)  | 1   | 18,19  |
|   | 06     | C14   | -----     | NCB31CK-224X    | C CAPACITOR     | (Addition)  | 1   | 18,19  |
|   | 06     | C15   | -----     | NCB31CK-104X    | C CAPACITOR     | (Addition)  | 1   | 18,19  |
|   | 06     | C16   | -----     | NCB31HK-103X    | C CAPACITOR     | (Addition)  | 1   | 18,19  |
|   | 06     | C17   | -----     | NCB31CK-104X    | C CAPACITOR     | (Addition)  | 1   | 18,19  |

| △ | Symbol |      | or | Part No.  |                | Part Name   | Description | Qty | Models |
|---|--------|------|----|-----------|----------------|-------------|-------------|-----|--------|
|   |        |      |    | <Rev.001> | <Rev.002>      |             |             |     |        |
|   | 06     | C18  |    | -----     | NCB31HK-103X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C19  |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C22  |    | -----     | NDC31HJ-120X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C23  |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C24  |    | -----     | NCB31HK-103X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C25  |    | -----     | NCB31HK-103X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C27  |    | -----     | QEKJ1EM-106Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C33  |    | -----     | NDC31HJ-5R6X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C162 |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C163 |    | -----     | QTE1H64-225Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C164 |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C165 |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C168 |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C172 |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C173 |    | -----     | QTE1H64-225Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C174 |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C176 |    | -----     | QTE1H57-335Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C177 |    | -----     | NDC31HJ-560X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C178 |    | -----     | QTE1C57-106Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C184 |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C301 |    | -----     | QTE1C66-474Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C302 |    | -----     | QTE1C66-474Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C303 |    | -----     | NCB21CK-474X-A | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C304 |    | -----     | NCB21CK-474X-A | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C311 |    | -----     | QTE1C66-474Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C312 |    | -----     | QTE1C66-474Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C313 |    | -----     | NCB21CK-474X-A | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C314 |    | -----     | NCB21CK-474X-A | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C315 |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C316 |    | -----     | QEKJ1HM-475Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C317 |    | -----     | QTE1C57-226Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C326 |    | -----     | QERF1CM-106Z-E | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C327 |    | -----     | NCB21AK-105X-A | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C383 |    | -----     | QEKJ1HM-475Z   | E CAPACITOR | (Addition)  | 1   | 18     |
|   | 06     | C384 |    | -----     | QEKJ1HM-475Z   | E CAPACITOR | (Addition)  | 1   | 18     |
|   | 06     | C385 |    | -----     | NCB31HK-104X   | C CAPACITOR | (Addition)  | 1   | 18     |
|   | 06     | C386 |    | -----     | NCB31HK-104X   | C CAPACITOR | (Addition)  | 1   | 18     |
|   | 06     | C387 |    | -----     | NCB31HK-152X   | C CAPACITOR | (Addition)  | 1   | 18     |
|   | 06     | C388 |    | -----     | NCB31HK-152X   | C CAPACITOR | (Addition)  | 1   | 18     |
|   | 06     | C389 |    | -----     | QEKJ1CM-107Z   | E CAPACITOR | (Addition)  | 1   | 18     |
|   | 06     | C390 |    | -----     | QEKJ1CM-107Z   | E CAPACITOR | (Addition)  | 1   | 18     |
|   | 06     | C392 |    | -----     | QEKJ1CM-106Z   | E CAPACITOR | (Addition)  | 1   | 18     |
|   | 06     | C393 |    | -----     | QEKJ1HM-475Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C394 |    | -----     | QEKJ1HM-475Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C583 |    | -----     | NCB31HK-821X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C584 |    | -----     | NCB31HK-821X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C585 |    | -----     | QTE1H57-475Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C586 |    | -----     | QTE1H57-475Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C587 |    | -----     | NDC31HJ-151X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C588 |    | -----     | NDC31HJ-151X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C590 |    | -----     | QTE0J57-476Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C591 |    | -----     | QTE1A57-107Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C592 |    | -----     | NCB31HK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C703 |    | -----     | NDC31HJ-8R0X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C704 |    | -----     | NDC31HJ-9R0X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C707 |    | -----     | QEKJ1CM-107Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C708 |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C709 |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C711 |    | -----     | QEKJ0JM-476Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C714 |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C715 |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C717 |    | -----     | NCB31HK-821X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C718 |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C719 |    | -----     | QERF1AM-107Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C720 |    | -----     | NDC31HJ-820X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C721 |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C722 |    | -----     | QERF1EM-475Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
|   | 06     | C725 |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 18,19  |

| △  | Symbol | or | Part No.  |                | Part Name   | Description | Qty | Models |
|----|--------|----|-----------|----------------|-------------|-------------|-----|--------|
|    |        |    | <Rev.001> | <Rev.002>      |             |             |     |        |
| 06 | C733   |    | -----     | NCJ11EK-106X-A | C CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C736   |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C737   |    | -----     | NDC31HJ-101X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C771   |    | -----     | NCB31CK-473X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C781   |    | -----     | QEKJ0JM-107Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C784   |    | -----     | QERF1CM-107Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C851   |    | -----     | QEKJ1EM-106Z   | E CAPACITOR | (Addition)  | 1   | 18     |
| 06 | C852   |    | -----     | NCB31CK-224X   | C CAPACITOR | (Addition)  | 1   | 18     |
| 06 | C901   |    | -----     | QEZ0870-278    | E CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C902   |    | -----     | NCB31AK-474X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C903   |    | -----     | QEKJ1CM-107Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C904   |    | -----     | QERF1AM-227Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C905   |    | -----     | QEKJ1CM-476Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C906   |    | -----     | NCB31HK-103X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C907   |    | -----     | QEKJ1CM-107Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C908   |    | -----     | QEKJ1CM-476Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C910   |    | -----     | QEKJ1EM-106Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C912   |    | -----     | NCB31HK-103X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C913   |    | -----     | QEKJ1EM-106Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C915   |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C917   |    | -----     | QERF0JM-337Z   | E CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C951   |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C952   |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C971   |    | -----     | NCB31HK-104X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | C991   |    | -----     | NCB31HK-472X   | C CAPACITOR | (Addition)  | 1   | 18,19  |
| 06 | R1     |    | -----     | NRSA63J-474X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R2     |    | -----     | NRSA63J-474X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R3     |    | -----     | NRSA63J-101X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R4     |    | -----     | NRSA63J-472X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R5     |    | -----     | NRSA02J-470X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R6     |    | -----     | NRSA63J-0R0X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R7     |    | -----     | NRSA63J-0R0X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R8     |    | -----     | NRSA02J-470X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R11    |    | -----     | NRS181J-4R7X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R14    |    | -----     | NRSA63J-472X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R15    |    | -----     | NRS181J-472X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R161   |    | -----     | NRSA63J-472X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R162   |    | -----     | NRSA63J-472X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R163   |    | -----     | NRSA63J-123X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R164   |    | -----     | NRSA63J-222X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R165   |    | -----     | NRSA63J-123X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R168   |    | -----     | NRS181J-103X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R169   |    | -----     | NRSA63J-0R0X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R171   |    | -----     | NRSA63J-101X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R172   |    | -----     | NRSA63J-101X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R305   |    | -----     | NRSA63J-102X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R309   |    | -----     | NRS181J-100X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R310   |    | -----     | NRSA63J-472X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R341   |    | -----     | NRSA63J-222X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R342   |    | -----     | NRSA63J-821X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R343   |    | -----     | NRSA63J-101X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R344   |    | -----     | NRSA63J-473X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R351   |    | -----     | NRSA63J-222X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R352   |    | -----     | NRSA63J-821X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R353   |    | -----     | NRSA63J-101X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R354   |    | -----     | NRSA63J-473X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R381   |    | -----     | NRSA63J-102X   | MG RESISTOR | (Addition)  | 1   | 18     |
| 06 | R382   |    | -----     | NRSA63J-102X   | MG RESISTOR | (Addition)  | 1   | 18     |
| 06 | R383   |    | -----     | NRSA63J-104X   | MG RESISTOR | (Addition)  | 1   | 18     |
| 06 | R384   |    | -----     | NRSA63J-104X   | MG RESISTOR | (Addition)  | 1   | 18     |
| 06 | R385   |    | -----     | NRSA63J-223X   | MG RESISTOR | (Addition)  | 1   | 18     |
| 06 | R386   |    | -----     | NRS181J-223X   | MG RESISTOR | (Addition)  | 1   | 18     |
| 06 | R387   |    | -----     | NRSA63J-333X   | MG RESISTOR | (Addition)  | 1   | 18     |
| 06 | R388   |    | -----     | NRSA63J-333X   | MG RESISTOR | (Addition)  | 1   | 18     |
| 06 | R389   |    | -----     | NRSA63J-0R0X   | MG RESISTOR | (Addition)  | 1   | 19     |
| 06 | R390   |    | -----     | NRSA63J-0R0X   | MG RESISTOR | (Addition)  | 1   | 19     |
| 06 | R583   |    | -----     | NRSA63J-153X   | MG RESISTOR | (Addition)  | 1   | 18,19  |
| 06 | R584   |    | -----     | NRSA63J-153X   | MG RESISTOR | (Addition)  | 1   | 18,19  |

| △ | Symbol | or   | Part No.  |              | Part Name   | Description | Qty | Models |
|---|--------|------|-----------|--------------|-------------|-------------|-----|--------|
|   |        |      | <Rev.001> | <Rev.002>    |             |             |     |        |
|   | 06     | R585 | -----     | NRSA63J-562X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R586 | -----     | NRSA63J-562X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R587 | -----     | NRSA63J-273X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R588 | -----     | NRSA63J-273X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R591 | -----     | NRSA63J-103X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R592 | -----     | NRSA63J-103X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R593 | -----     | NRS181J-223X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R594 | -----     | NRSA63J-223X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R701 | -----     | NRSA63J-103X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R702 | -----     | NRSA63J-103X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R703 | -----     | NRSA63J-104X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R704 | -----     | NRSA63J-104X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R707 | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R708 | -----     | NRSA63J-104X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R710 | -----     | NRSA63J-104X | MG RESISTOR | (Addition)  | 1   | 18     |
|   | 06     | R711 | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 19     |
|   | 06     | R713 | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R715 | -----     | NRSA63J-331X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R716 | -----     | NRSA63J-471X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R720 | -----     | NRSA63J-102X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R724 | -----     | NRSA63J-102X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R725 | -----     | NRSA63J-102X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R726 | -----     | NRSA63J-273X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R727 | -----     | NRSA63J-122X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R728 | -----     | NRSA63J-102X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R730 | -----     | NRSA63J-102X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R731 | -----     | NRSA63J-101X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R732 | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R733 | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R736 | -----     | NRSA63J-561X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R737 | -----     | NRSA63J-561X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R738 | -----     | NRSA63J-561X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R739 | -----     | NRSA63J-101X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R741 | -----     | NRSA63J-101X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R742 | -----     | NRSA63J-101X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R744 | -----     | NRS181J-101X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R746 | -----     | NRSA63J-104X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R747 | -----     | NRSA63J-103X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R748 | -----     | NRSA63J-122X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R749 | -----     | NRSA63J-102X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R750 | -----     | NRSA63J-104X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R752 | -----     | NRSA63J-472X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R753 | -----     | NRSA63J-472X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R755 | -----     | NRSA63J-472X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R756 | -----     | NRSA63J-472X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R758 | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R759 | -----     | NRSA63J-0R0X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R761 | -----     | NRSA63J-102X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R762 | -----     | NRSA63J-102X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R763 | -----     | NRSA63J-823X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R765 | -----     | NRSA63J-472X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R766 | -----     | NRSA63J-472X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R767 | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R771 | -----     | NRSA63J-271X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R772 | -----     | NRSA63J-271X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R774 | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R775 | -----     | NRSA63J-222X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R777 | -----     | NRSA63J-103X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R779 | -----     | NRSA63J-101X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R781 | -----     | NRS181J-473X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R782 | -----     | NRSA63J-472X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R783 | -----     | NRSA63J-103X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R784 | -----     | NRSA63J-103X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R851 | -----     | NRSA63J-472X | MG RESISTOR | (Addition)  | 1   | 18     |
|   | 06     | R901 | -----     | QRE141J-103Y | C RESISTOR  | (Addition)  | 1   | 18,19  |
|   | 06     | R902 | -----     | NRSA02J-0R0X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R903 | -----     | NRSA02J-472X | MG RESISTOR | (Addition)  | 1   | 18,19  |
|   | 06     | R921 | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 18     |

| △ | Symbol   | or | Part No.  |              | Part Name     | Description | Qty | Models |
|---|----------|----|-----------|--------------|---------------|-------------|-----|--------|
|   |          |    | <Rev.001> | <Rev.002>    |               |             |     |        |
|   | 06 R922  |    | -----     | QRE141J-102Y | C RESISTOR    | (Addition)  | 1   | 18     |
|   | 06 R930  |    | -----     | NRSA63J-103X | MG RESISTOR   | (Addition)  | 1   | 18,19  |
|   | 06 R952  |    | -----     | NRSA63J-0R0X | MG RESISTOR   | (Addition)  | 1   | 18     |
|   | 06 R971  |    | -----     | NRS181J-332X | MG RESISTOR   | (Addition)  | 1   | 18,19  |
|   | 06 R976  |    | -----     | NRSA02J-273X | MG RESISTOR   | (Addition)  | 1   | 18,19  |
|   | 06 R977  |    | -----     | NRSA02J-123X | MG RESISTOR   | (Addition)  | 1   | 18,19  |
|   | 06 L1    |    | -----     | NQL093K-R47X | P COIL        | (Addition)  | 1   | 18,19  |
|   | 06 L2    |    | -----     | NQL093K-1R8X | P COIL        | (Addition)  | 1   | 18,19  |
|   | 06 L3    |    | -----     | NQL093K-R22X | P COIL        | (Addition)  | 1   | 18,19  |
|   | 06 L4    |    | -----     | QQR1872-001  | RF COIL       | (Addition)  | 1   | 18,19  |
|   | 06 L5    |    | -----     | QQL244J-561Z | COIL          | (Addition)  | 1   | 18,19  |
|   | 06 L6    |    | -----     | QQL244J-561Z | COIL          | (Addition)  | 1   | 18,19  |
|   | 06 L8    |    | -----     | QQL231K-4R7Y | INDUCTOR      | (Addition)  | 1   | 18,19  |
|   | 06 L9    |    | -----     | QQL231K-4R7Y | INDUCTOR      | (Addition)  | 1   | 18,19  |
|   | 06 L31   |    | -----     | NQL093K-R47X | P COIL        | (Addition)  | 1   | 18,19  |
|   | 06 L701  |    | -----     | QQL231K-4R7Y | INDUCTOR      | (Addition)  | 1   | 18,19  |
|   | 06 L702  |    | -----     | QQL231K-4R7Y | INDUCTOR      | (Addition)  | 1   | 18,19  |
| △ | 06 L901  |    | -----     | QQR1852-001  | CHOKE COIL    | (Addition)  | 1   | 18,19  |
| △ | 06 L901  | or | -----     | QQR0703-001  | CHOKE COIL    | (Addition)  | 1   | 18     |
|   | 06 L930  |    | -----     | NQLH25M-4R7X | COIL          | (Addition)  | 1   | 18,19  |
|   | 06 CN501 |    | -----     | QGB2027ME-28 | CONNECTOR     | (Addition)  | 1   | 18,19  |
|   | 06 CN701 |    | -----     | QGZ1101J1-20 | CONNECTOR     | (Addition)  | 1   | 18,19  |
|   | 06 CN901 |    | -----     | QNZ0607-001  | CAR CONNECTOR | (Addition)  | 1   | 18,19  |
|   | 06 J1    |    | -----     | QNB0190-001  | ANT TERMINAL  | (Addition)  | 1   | 18,19  |
|   | 06 J1    | or | -----     | QNB0348-001  | ANT TERMINAL  | (Addition)  | 1   | 18     |
|   | 06 J321  |    | -----     | QNN0802-001  | PIN JACK      | (Addition)  | 1   | 18,19  |
|   | 06 K162  |    | -----     | NRSA02J-0R0X | MG RESISTOR   | (Addition)  | 1   | 18,19  |
|   | 06 S701  |    | -----     | QSW0648-001Z | TACT SWITCH   | (Addition)  | 1   | 18,19  |
|   | 06 X1    |    | -----     | QAX0952-001Z | CRYSTAL       | (Addition)  | 1   | 18,19  |
|   | 06 X701  |    | -----     | QAX0667-001Z | C RESONATOR   | (Addition)  | 1   | 18,19  |
|   | 06 X702  |    | -----     | QAX0953-001  | CRYSTAL       | (Addition)  | 1   | 18,19  |

#### Packing and accessories [M3MM]

| △ | Symbol   | or | Part No.  |              | Part Name   | Description | Qty | Models |
|---|----------|----|-----------|--------------|-------------|-------------|-----|--------|
|   |          |    | <Rev.001> | <Rev.002>    |             |             |     |        |
|   | M3MM A1  |    | -----     | GET0623-011A | INST BOOK   | (Addition)  | 1   | 18     |
| △ | M3MM A17 |    | -----     | QAM1302-001  | CAR CABLE   | (Addition)  | 1   | 18     |
| △ | M3MM A17 |    | -----     | QAM1235-001  | CAR CABLE   | (Addition)  | 1   | 19     |
|   | M3MM A24 |    | -----     | GE40244-001A | BLIND PLATE | (Addition)  | 1   | 18     |
|   | M3MM A25 |    | -----     | QYSDSP5008ZA | SCREW       | (Addition)  | 4   | 18     |
|   | M3MM P1  |    | -----     | GE34068-001A | CARTON      | (Addition)  | 1   | 18     |
|   | M3MM P8  |    | -----     | QPA00801205  | POLY BAG    | (Addition)  | 1   | 18     |



Victor Company of Japan, Limited  
Mobile Entertainment Division 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan



# REVISION INFORMATION

## CD RECEIVER

**KD-R35E, KD-R35EY, KD-R38EE, KD-R411E,  
KD-R411EY, KD-R411EU, KD-R412E, KD-R412EY,  
KD-R412EU, KD-R414UI, KD-R415U, KD-R415UN,  
KD-R415UT, KD-R415UH, KD-R415UW, KD-R416U,  
KD-R416UN, KD-R416UT, KD-R416UH, KD-R416UW,  
KD-R417EE, KD-R418J, KD-R418UF, KD-R416SUN,  
KD-R419UR, KD-S27J**

### ■ OVERVIEW

Add KD-S27J.

### ■ DETAILS

#### COVER SECTION

| Title              | Line | No.MA465<Rev.002>                                                                                                                                                                                                                                                         | No.MA465<Rev.003>                                                                                                                                                                                                                                                                         | Description |
|--------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Revision           |      | Rev. <b>002</b>                                                                                                                                                                                                                                                           | Rev. <b>003</b>                                                                                                                                                                                                                                                                           |             |
| Issue Date         |      | <b>2010/03</b>                                                                                                                                                                                                                                                            | <b>2010/08</b>                                                                                                                                                                                                                                                                            |             |
| Model No.          |      | KD-R35E, KD-R35EY, KD-R38EE, KD-R411E, KD-R411EU, KD-R411EY, KD-R412E, KD-R412EU, KD-R412EY, KD-R414UI, KD-R415U, KD-R415UH, KD-R415UN, KD-R415UT, KD-R415UW, KD-R416SUN, KD-R416U, KD-R416UH, KD-R416UN, KD-R416UT, KD-R416UW, KD-R417EE, KD-R418J, KD-R418UF, KD-R419UR | KD-R35E, KD-R35EY, KD-R38EE, KD-R411E, KD-R411EU, KD-R411EY, KD-R412E, KD-R412EU, KD-R412EY, KD-R414UI, KD-R415U, KD-R415UH, KD-R415UN, KD-R415UT, KD-R415UW, KD-R416SUN, KD-R416U, KD-R416UH, KD-R416UN, KD-R416UT, KD-R416UW, KD-R417EE, KD-R418J, KD-R418UF, KD-R419UR, <b>KD-S27J</b> |             |
| Cover Illustration |      | ILLUSTRATION(ma465_0001.png)                                                                                                                                                                                                                                              | ILLUSTRATION(ma465_0001.png)                                                                                                                                                                                                                                                              |             |
| SPECIFICATION      | 35   | MP3 Decoding Format<br>Max. Bit Rate: 320 kbps                                                                                                                                                                                                                            | MP3 Decoding Format: <b>(MPEG1/2 Audio Layer 3)</b><br>Max. Bit Rate: 320 kbps                                                                                                                                                                                                            |             |
|                    | 52   | KD-R418/KD-R419                                                                                                                                                                                                                                                           | KD-R418/KD-R419/ <b>KD-S27</b>                                                                                                                                                                                                                                                            |             |
|                    | 84   | MP3 Decoding Format<br>Max. Bit Rate: 320 kbps                                                                                                                                                                                                                            | MP3 Decoding Format: <b>(MPEG1/2 Audio Layer 3)</b><br>Max. Bit Rate: 320 kbps                                                                                                                                                                                                            |             |

## SECTION 5 TROUBLESHOOTING

| Title                      | Line | No.MA465<Rev.002>            | No.MA465<Rev.003>                                | Description |
|----------------------------|------|------------------------------|--------------------------------------------------|-------------|
| 5<br>TROUBLESHOOTING       | 1    | ILLUSTRATION(ma465_5001.png) | -                                                |             |
|                            | 2    | ILLUSTRATION(ma465_5002.png) | -                                                |             |
|                            | 3    | ILLUSTRATION(ma465_5003.png) | -                                                |             |
|                            | 4    | ILLUSTRATION(ma465_5004.png) | -                                                |             |
|                            | 5    | ILLUSTRATION(ma465_5005.png) | -                                                |             |
| 5.1 16 PIN CORD<br>DIAGRAM | T    | -                            | 5.1 16 PIN CORD DIAGRAM                          |             |
|                            | 1    | -                            | 1. For KD-R35, KD-R38, KD-R411, KD-R412, KD-R417 |             |
|                            | 2    | -                            | ILLUSTRATION(ma465_5001.png)                     |             |
|                            | 3    | -                            | 2. For KD-R414, KD-R415, KD-R416, KD-R418UF      |             |
|                            | 4    | -                            | ILLUSTRATION(ma465_5002.png)                     |             |
|                            | 5    | -                            | 3. For KD-R418J, KD-S27J                         |             |
|                            | 6    | -                            | ILLUSTRATION(ma465_5003.png)                     |             |
|                            | 7    | -                            | 4. For KD-R416S                                  |             |
|                            | 8    | -                            | ILLUSTRATION(ma465_5004.png)                     |             |
|                            | 9    | -                            | 5. For KD-R419                                   |             |
|                            | 10   | -                            | ILLUSTRATION(ma465_5005.png)                     |             |

## STANDARD SCHEMATIC DIAGRAMS

### Schematic Diagram

| Diagram Name | No.MA465<Rev.002> | No.MA465<Rev.003>                                          | Description |
|--------------|-------------------|------------------------------------------------------------|-------------|
| Menu         | -                 | Rest section<br>ma465_s008.svgz                            |             |
| Menu         | -                 | Photo section<br>ma465_s009.svgz                           |             |
| Menu         | -                 | Main section (for KD-S27J)<br>ma465_s011.svgz              |             |
| Menu         | -                 | LCD & Key control section (for KD-S27J)<br>ma465_s012.svgz |             |

### Printed Circuit Board

| Diagram Name | No.MA465<Rev.002> | No.MA465<Rev.003>                             | Description |
|--------------|-------------------|-----------------------------------------------|-------------|
| Menu         | -                 | Main board (for KD-S27J)<br>ma465_p011.svgz   |             |
| Menu         | -                 | Switch board (for KD-S27J)<br>ma465_p012.svgz |             |
| Menu         | -                 | Sub board (for KD-S27J)<br>ma465_p013.svgz    |             |

### Description of Major ICs

| Diagram Name | No.MA465<Rev.002>                         | No.MA465<Rev.003>                         | Description |
|--------------|-------------------------------------------|-------------------------------------------|-------------|
| Menu         | IC681: KSM-2003TN2M                       | IC681: KSM-2003TN5B                       |             |
| Menu         | -                                         | IC301: MN6627946JE<br>MN6627946JE.xml     |             |
| Menu         | IC301: MN6627F946JCA<br>MN6627F946JCA.xml | -                                         |             |
| Menu         | -                                         | IC1: TEF6614TV1S4-X<br>TEF6614TV1S4-X.xml |             |

# PARTS LIST

## MODEL No. LIST

| Model No. | No.MA465<Rev.003> |
|-----------|-------------------|
| KD-R35E   | 01                |
| KD-R35EY  | 02                |
| KD-R38EE  | 03                |
| KD-R411E  | 04                |
| KD-R411EU | 05                |
| KD-R411EY | 06                |
| KD-R412E  | 07                |
| KD-R412EU | 08                |
| KD-R412EY | 09                |

| Model No.  | No.MA465<Rev.003> |
|------------|-------------------|
| KD-R414UI  | 0A                |
| KD-R415U   | 0B                |
| KD-R415UH  | 0C                |
| KD-R415UN  | 0D                |
| KD-R415UT  | 0E                |
| KD-R415UW  | 0F                |
| KD-R416SUN | 10                |
| KD-R416U   | 11                |
| KD-R416UH  | 12                |

| Model No. | No.MA465<Rev.003> |
|-----------|-------------------|
| KD-R416UN | 13                |
| KD-R416UT | 14                |
| KD-R416UW | 15                |
| KD-R417EE | 16                |
| KD-R418J  | 17                |
| KD-R418UF | 18                |
| KD-R419UR | 19                |
| KD-S27J   | 1A                |

## General assembly [M1MM]

| △ | Symbol | or | Part No.  |              | Part Name      | Description | Qty | Models |
|---|--------|----|-----------|--------------|----------------|-------------|-----|--------|
|   |        |    | <Rev.002> | <Rev.003>    |                |             |     |        |
|   | M1MM   | 26 | -----     | GE33794-022A | FINDER ASSY    | (Addition)  | 1   | 1A     |
|   | M1MM   | 38 | -----     | GE10269-003A | REAR COVER     | (Addition)  | 1   | 1A     |
|   | M1MM   | 44 | -----     | GE34371-001A | NAME PLATE     | (Addition)  | 1   | 1A     |
|   | M1MM   | 46 | -----     | QLD0672-001  | LCD MODULE     | (Addition)  | 1   | 1A     |
|   | M1MM   | 57 | -----     | GE40493-002A | SHEET          | (Addition)  | 1   | 1A     |
|   | M1MM   | 58 | -----     | GE40539-001A | SPECIAL SCREW  | (Addition)  | 1   | 1A     |
|   | M1MM   | 59 | -----     | GE40225-001A | CAR STEREO TAG | (Addition)  | 1   | 1A     |
|   | M1MM   | 60 | -----     | GE40282-001A | LABEL          | (Addition)  | 1   | 1A     |

## CD mechanism (FMU-CD6-12D) [MBMM]

| △ | Symbol | or | Part No.     |              | Part Name     | Description | Qty | Models                                                                                                 |
|---|--------|----|--------------|--------------|---------------|-------------|-----|--------------------------------------------------------------------------------------------------------|
|   |        |    | <Rev.002>    | <Rev.003>    |               |             |     |                                                                                                        |
|   | MBMM   | 16 | LV36805-002A | LV36805-003A | M WHEEL GEAR  |             | 1   | 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B, 0C, 0D, 0E, 0F, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 1A |
|   | MBMM   | 33 | LV36813-001A | LV36813-201A | SUB GUIDE CAP |             | 1   | 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B, 0C, 0D, 0E, 0F, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 1A |
|   | MBMM   | 42 | LV37326-003A | LV38975-001A | CLAMPER ASSY  |             | 1   | 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B, 0C, 0D, 0E, 0F, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 1A |
|   | MBMM   | 53 | LV36821-001A | LV36821-201A | R ACT GEAR(2) |             | 1   | 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B, 0C, 0D, 0E, 0F, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 1A |
|   | MBMM   | 54 | LV36822-001A | LV36822-201A | R ACT GEAR(3) |             | 1   | 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B, 0C, 0D, 0E, 0F, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 1A |
|   | MBMM   | 55 | LV36823-001A | LV36823-201A | ROLLER GEAR   |             | 1   | 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B, 0C, 0D, 0E, 0F, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 1A |
|   | MBMM   | 56 | LV44559-003A | LV44559-004A | ROLLER SHAFT  |             | 1   | 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B, 0C, 0D, 0E, 0F, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 1A |

## Mecha control board (FMU-CD6-12D) [05]

| △ | Symbol | or    | Part No.      |              | Part Name   | Description | Qty | Models                                                                                                 |
|---|--------|-------|---------------|--------------|-------------|-------------|-----|--------------------------------------------------------------------------------------------------------|
|   |        |       | <Rev.002>     | <Rev.003>    |             |             |     |                                                                                                        |
|   | 05     | IC301 | MN6627F946JCA | MN6627946JE  | IC(MCU)     |             | 1   | 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B, 0C, 0D, 0E, 0F, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 1A |
|   | 05     | Q303  | RT1N441C-X    | -----        | TRANSISTOR  | (Deletion)  | 1   | 01, 02, 03, 04, 06, 05, 07, 09, 08, 0A, 0B, 0D, 0E, 0C, 0F, 11, 13, 14, 12, 15, 16, 17, 18, 10, 19     |
|   | 05     | D301  | MA2SD31-X     | -----        | SB DIODE    | (Deletion)  | 1   | 01, 02, 03, 04, 06, 05, 07, 09, 08, 0A, 0B, 0D, 0E, 0C, 0F, 11, 13, 14, 12, 15, 16, 17, 18, 10, 19     |
|   | 05     | C343  | NCB31CK-104X  | -----        | C CAPACITOR | (Deletion)  | 1   | 01, 02, 03, 04, 06, 05, 07, 09, 08, 0A, 0B, 0D, 0E, 0C, 0F, 11, 13, 14, 12, 15, 16, 17, 18, 10, 19     |
|   | 05     | C347  | NCB31CK-104X  | -----        | C CAPACITOR | (Deletion)  | 1   | 01, 02, 03, 04, 06, 05, 07, 09, 08, 0A, 0B, 0D, 0E, 0C, 0F, 11, 13, 14, 12, 15, 16, 17, 18, 10, 19     |
|   | 05     | R246  | -----         | NRSA63J-0R0X | MG RESISTOR | (Addition)  | 1   | 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B, 0C, 0D, 0E, 0F, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 1A |
|   | 05     | R308  | NRSA63J-104X  | -----        | MG RESISTOR | (Deletion)  | 1   | 01, 02, 03, 04, 06, 05, 07, 09, 08, 0A, 0B, 0D, 0E, 0C, 0F, 11, 13, 14, 12, 15, 16, 17, 18, 10, 19     |
|   | 05     | R309  | NRSA63J-104X  | -----        | MG RESISTOR | (Deletion)  | 1   | 01, 02, 03, 04, 06, 05, 07, 09, 08, 0A, 0B, 0D, 0E, 0C, 0F, 11, 13, 14, 12, 15, 16, 17, 18, 10, 19     |
|   | 05     | R337  | NRSA63J-473X  | -----        | MG RESISTOR | (Deletion)  | 1   | 01, 02, 03, 04, 06, 05, 07, 09, 08, 0A, 0B, 0D, 0E, 0C, 0F, 11, 13, 14, 12, 15, 16, 17, 18, 10, 19     |
|   | 05     | R361  | NRSA63J-103X  | -----        | MG RESISTOR | (Deletion)  | 1   | 01, 02, 03, 04, 06, 05, 07, 09, 08, 0A, 0B, 0D, 0E, 0C, 0F, 11, 13, 14, 12, 15, 16, 17, 18, 10, 19     |
|   | 05     | CN301 | QGA1002C1-06X | -----        | CONNECTOR   | (Deletion)  | 1   | 01, 02, 03, 04, 06, 05, 07, 09, 08, 0A, 0B, 0D, 0E, 0C, 0F, 11, 13, 14, 12, 15, 16, 17, 18, 10, 19     |

# Main board S27J [07]

| Δ  | Symbol | or    | Part No.  |                 | Part Name       | Description | Qty | Models |
|----|--------|-------|-----------|-----------------|-----------------|-------------|-----|--------|
|    |        |       | <Rev.002> | <Rev.003>       |                 |             |     |        |
| Δ  | 07     | IC1   | -----     | TEF6614TV1S4-X  | IC              | (Addition)  | 1   | 1A     |
| 07 | IC161  |       | -----     | TDA7718N-X      | IC              | (Addition)  | 1   | 1A     |
| Δ  | 07     | IC301 | -----     | TB2926CHQ       | IC              | (Addition)  | 1   | 1A     |
| 07 | IC581  |       | -----     | NJM4565E-X      | IC              | (Addition)  | 1   | 1A     |
| Δ  | 07     | IC701 | -----     | MN101E16KEK     | IC(MCU)         | (Addition)  | 1   | 1A     |
| 07 | IC702  |       | -----     | S-80824CNNB-G-W | IC              | (Addition)  | 1   | 1A     |
| 07 | IC702  | or    | -----     | IC-PST3424U-X   | IC              | (Addition)  | 1   | 1A     |
| 07 | IC771  |       | -----     | R1EX24002ASAA-X | IC              | (Addition)  | 1   | 1A     |
| Δ  | 07     | IC901 | -----     | R2S25400DS-E    | IC              | (Addition)  | 1   | 1A     |
| 07 | IC951  |       | -----     | XC6213B332NG-X  | IC              | (Addition)  | 1   | 1A     |
| 07 | Q331   |       | -----     | IMX9-W          | PAIR TRANSISTOR | (Addition)  | 1   | 1A     |
| 07 | Q701   |       | -----     | RT1N141C-X      | DIGI TRANSISTOR | (Addition)  | 1   | 1A     |
| 07 | Q701   | or    | -----     | UN2211-X        | TRANSISTOR      | (Addition)  | 1   | 1A     |
| 07 | Q781   |       | -----     | RT1P141C-X      | DIGI TRANSISTOR | (Addition)  | 1   | 1A     |
| 07 | Q781   | or    | -----     | UN2111-X        | TRANSISTOR      | (Addition)  | 1   | 1A     |
| 07 | Q782   |       | -----     | 2SC1623A/5-6/-X | TRANSISTOR      | (Addition)  | 1   | 1A     |
| 07 | Q782   | or    | -----     | 2SC3928A/QR/-X  | TRANSISTOR      | (Addition)  | 1   | 1A     |
| 07 | Q784   |       | -----     | RT1P141C-X      | DIGI TRANSISTOR | (Addition)  | 1   | 1A     |
| 07 | Q784   | or    | -----     | UN2111-X        | TRANSISTOR      | (Addition)  | 1   | 1A     |
| 07 | Q976   |       | -----     | RT1N141C-X      | DIGI TRANSISTOR | (Addition)  | 1   | 1A     |
| 07 | Q976   | or    | -----     | UN2211-X        | TRANSISTOR      | (Addition)  | 1   | 1A     |
| 07 | Q977   |       | -----     | 2SA812A/5-6/-X  | TRANSISTOR      | (Addition)  | 1   | 1A     |
| 07 | Q977   | or    | -----     | ISA1530AC1/QR/X | TRANSISTOR      | (Addition)  | 1   | 1A     |
| 07 | Q978   |       | -----     | 2SC1623A/5-6/-X | TRANSISTOR      | (Addition)  | 1   | 1A     |
| 07 | Q978   | or    | -----     | 2SC3928A/QR/-X  | TRANSISTOR      | (Addition)  | 1   | 1A     |
| 07 | D331   |       | -----     | BAW56-TP-X      | SI DIODE        | (Addition)  | 1   | 1A     |
| 07 | D331   | or    | -----     | MC2836-X        | DIODE           | (Addition)  | 1   | 1A     |
| 07 | D712   |       | -----     | DA2J101-X       | SI DIODE        | (Addition)  | 1   | 1A     |
| 07 | D715   |       | -----     | DZ2J051/M/-X    | Z DIODE         | (Addition)  | 1   | 1A     |
| 07 | D716   |       | -----     | DZ2J051/M/-X    | Z DIODE         | (Addition)  | 1   | 1A     |
| 07 | D717   |       | -----     | DZ2J051/M/-X    | Z DIODE         | (Addition)  | 1   | 1A     |
| 07 | D718   |       | -----     | DZ2J051/M/-X    | Z DIODE         | (Addition)  | 1   | 1A     |
| 07 | D781   |       | -----     | DA2J101-X       | SI DIODE        | (Addition)  | 1   | 1A     |
| 07 | D782   |       | -----     | NRSA02J-0R0X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
| 07 | D784   |       | -----     | DZ2J100/M/-X    | Z DIODE         | (Addition)  | 1   | 1A     |
| Δ  | 07     | D901  | -----     | 1N5401-BPC04    | SI DIODE        | (Addition)  | 1   | 1A     |
| 07 | D903   |       | -----     | DA2J101-X       | SI DIODE        | (Addition)  | 1   | 1A     |
| 07 | D971   |       | -----     | MBRX130-TP-X    | SB DIODE        | (Addition)  | 1   | 1A     |
| 07 | D971   | or    | -----     | MA22D23-X       | SB DIODE        | (Addition)  | 1   | 1A     |
| 07 | D972   |       | -----     | MBRX130-TP-X    | SB DIODE        | (Addition)  | 1   | 1A     |
| 07 | D972   | or    | -----     | MA22D23-X       | SB DIODE        | (Addition)  | 1   | 1A     |
| 07 | C1     |       | -----     | NCB31HK-102X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C2     |       | -----     | NDC31HJ-7R0X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C3     |       | -----     | NCB31HK-102X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C4     |       | -----     | NCB31CK-224X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C5     |       | -----     | NDC31HJ-150X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C7     |       | -----     | NDC31HJ-220X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C8     |       | -----     | NCJ11EK-106X-A  | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C10    |       | -----     | NCB21EK-105X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C11    |       | -----     | NCB31HK-103X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C12    |       | -----     | NCB31HK-103X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C13    |       | -----     | NCB21EK-105X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C14    |       | -----     | NCB31CK-224X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C15    |       | -----     | NCB31CK-104X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C16    |       | -----     | NCB31HK-103X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C17    |       | -----     | NCB31CK-104X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C18    |       | -----     | NCB31HK-103X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C19    |       | -----     | NCB31CK-104X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C22    |       | -----     | NDC31HJ-120X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C23    |       | -----     | NCB31CK-104X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C24    |       | -----     | NCB31HK-103X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C25    |       | -----     | NCB31HK-103X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C27    |       | -----     | QEKJ1EM-106Z    | E CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C33    |       | -----     | NDC31HJ-5R6X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C162   |       | -----     | NCB31CK-105X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
| 07 | C163   |       | -----     | QTE1H64-225Z    | E CAPACITOR     | (Addition)  | 1   | 1A     |

| △  | Symbol | or | Part No.  |                | Part Name   | Description | Qty | Models |
|----|--------|----|-----------|----------------|-------------|-------------|-----|--------|
|    |        |    | <Rev.002> | <Rev.003>      |             |             |     |        |
| 07 | C164   |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C165   |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C168   |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C170   |    | -----     | QTE1A57-107Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C172   |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C173   |    | -----     | QTE1H64-225Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C174   |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C176   |    | -----     | QERF1HM-335Z-E | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C177   |    | -----     | NDC31HJ-560X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C178   |    | -----     | QERF1CM-106Z-E | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C184   |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C301   |    | -----     | QTE1C66-474Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C302   |    | -----     | QTE1C66-474Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C303   |    | -----     | NCB21CK-474X-A | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C304   |    | -----     | NCB21CK-474X-A | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C311   |    | -----     | QTE1C66-474Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C312   |    | -----     | QTE1C66-474Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C313   |    | -----     | NCB21CK-474X-A | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C314   |    | -----     | NCB21CK-474X-A | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C315   |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C316   |    | -----     | QEKJ1HM-475Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C317   |    | -----     | QERF1CM-226Z-E | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C326   |    | -----     | QERF1CM-106Z-E | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C327   |    | -----     | NCB21AK-105X-A | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C393   |    | -----     | QEKJ1HM-475Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C394   |    | -----     | QEKJ1HM-475Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C583   |    | -----     | NCB31HK-821X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C584   |    | -----     | NCB31HK-821X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C585   |    | -----     | QERF1EM-475Z-E | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C586   |    | -----     | QERF1EM-475Z-E | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C587   |    | -----     | NDC31HJ-151X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C588   |    | -----     | NDC31HJ-151X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C590   |    | -----     | QERF0JM-476Z-E | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C591   |    | -----     | QERF1AM-107Z-E | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C592   |    | -----     | NCB31HK-104X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C703   |    | -----     | NDC31HJ-8R0X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C704   |    | -----     | NDC31HJ-9R0X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C707   |    | -----     | QEKJ1CM-107Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C708   |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C709   |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C711   |    | -----     | QEKJ0JM-476Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C714   |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C715   |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C717   |    | -----     | NCB31HK-821X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C718   |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C719   |    | -----     | QERF1AM-107Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C720   |    | -----     | NDC31HJ-820X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C721   |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C722   |    | -----     | QERF1EM-475Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C725   |    | -----     | NCB31CK-105X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C733   |    | -----     | NCJ11EK-106X-A | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C736   |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C737   |    | -----     | NDC31HJ-101X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C771   |    | -----     | NCB31CK-473X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C781   |    | -----     | QEKJ0JM-107Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C784   |    | -----     | QERF1CM-107Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C901   |    | -----     | QEZ0870-278    | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C902   |    | -----     | NCB31AK-474X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C903   |    | -----     | QEKJ1CM-107Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C904   |    | -----     | QERF1AM-227Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C905   |    | -----     | QEKJ1CM-476Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C906   |    | -----     | NCB31HK-103X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C907   |    | -----     | QEKJ1CM-107Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C908   |    | -----     | QEKJ1CM-476Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C910   |    | -----     | QEKJ1EM-106Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C912   |    | -----     | NCB31HK-103X   | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C913   |    | -----     | QEKJ1EM-106Z   | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C915   |    | -----     | NCB31CK-104X   | C CAPACITOR | (Addition)  | 1   | 1A     |

| △  | Symbol | or | Part No.  |              | Part Name   | Description | Qty | Models |
|----|--------|----|-----------|--------------|-------------|-------------|-----|--------|
|    |        |    | <Rev.002> | <Rev.003>    |             |             |     |        |
| 07 | C917   |    | -----     | QERF0JM-337Z | E CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C951   |    | -----     | NCB31CK-104X | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C952   |    | -----     | NCB31CK-104X | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C971   |    | -----     | NCB31HK-104X | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | C991   |    | -----     | NCB31HK-472X | C CAPACITOR | (Addition)  | 1   | 1A     |
| 07 | R1     |    | -----     | NRSA63J-474X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R2     |    | -----     | NRSA63J-474X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R3     |    | -----     | NRSA63J-101X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R4     |    | -----     | NRSA63J-472X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R5     |    | -----     | NRSA02J-470X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R6     |    | -----     | NRSA63J-0R0X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R7     |    | -----     | NRSA63J-0R0X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R8     |    | -----     | NRSA02J-470X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R11    |    | -----     | NRS181J-4R7X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R14    |    | -----     | NRSA63J-472X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R15    |    | -----     | NRS181J-472X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R161   |    | -----     | NRSA63J-472X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R162   |    | -----     | NRSA63J-472X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R163   |    | -----     | NRSA63J-123X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R164   |    | -----     | NRSA63J-222X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R165   |    | -----     | NRSA63J-123X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R168   |    | -----     | NRS181J-103X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R169   |    | -----     | NRSA63J-0R0X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R171   |    | -----     | NRSA63J-101X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R172   |    | -----     | NRSA63J-101X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R305   |    | -----     | NRSA63J-102X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R309   |    | -----     | NRS181J-100X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R310   |    | -----     | NRSA63J-472X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R341   |    | -----     | NRSA63J-222X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R342   |    | -----     | NRSA63J-821X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R343   |    | -----     | NRSA63J-101X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R344   |    | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R351   |    | -----     | NRSA63J-222X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R352   |    | -----     | NRSA63J-821X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R353   |    | -----     | NRSA63J-101X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R354   |    | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R389   |    | -----     | NRSA63J-0R0X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R390   |    | -----     | NRSA63J-0R0X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R583   |    | -----     | NRSA63J-153X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R584   |    | -----     | NRSA63J-153X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R585   |    | -----     | NRSA63J-562X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R586   |    | -----     | NRSA63J-562X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R587   |    | -----     | NRSA63J-273X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R588   |    | -----     | NRSA63J-273X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R591   |    | -----     | NRSA63J-103X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R592   |    | -----     | NRSA63J-103X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R593   |    | -----     | NRS181J-223X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R594   |    | -----     | NRSA63J-223X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R701   |    | -----     | NRSA63J-103X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R702   |    | -----     | NRSA63J-103X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R703   |    | -----     | NRSA63J-104X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R704   |    | -----     | NRSA63J-104X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R707   |    | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R708   |    | -----     | NRSA63J-104X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R711   |    | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R713   |    | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R715   |    | -----     | NRSA63J-331X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R716   |    | -----     | NRSA63J-471X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R720   |    | -----     | NRSA63J-102X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R724   |    | -----     | NRSA63J-102X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R725   |    | -----     | NRSA63J-102X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R726   |    | -----     | NRSA63J-273X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R727   |    | -----     | NRSA63J-122X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R728   |    | -----     | NRSA63J-102X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R730   |    | -----     | NRSA63J-102X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R731   |    | -----     | NRSA63J-101X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R732   |    | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 1A     |
| 07 | R733   |    | -----     | NRSA63J-473X | MG RESISTOR | (Addition)  | 1   | 1A     |

| △ | Symbol   | or | Part No.  |              | Part Name     | Description | Qty | Models |
|---|----------|----|-----------|--------------|---------------|-------------|-----|--------|
|   |          |    | <Rev.002> | <Rev.003>    |               |             |     |        |
|   | 07 R736  |    | -----     | NRSA63J-561X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R737  |    | -----     | NRSA63J-561X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R738  |    | -----     | NRSA63J-561X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R739  |    | -----     | NRSA63J-101X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R741  |    | -----     | NRSA63J-101X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R742  |    | -----     | NRSA63J-101X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R744  |    | -----     | NRS181J-101X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R746  |    | -----     | NRSA63J-104X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R747  |    | -----     | NRSA63J-103X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R748  |    | -----     | NRSA63J-122X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R749  |    | -----     | NRSA63J-102X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R750  |    | -----     | NRSA63J-104X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R752  |    | -----     | NRSA63J-472X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R753  |    | -----     | NRSA63J-472X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R755  |    | -----     | NRSA63J-472X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R756  |    | -----     | NRSA63J-472X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R758  |    | -----     | NRSA63J-473X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R759  |    | -----     | NRSA63J-0R0X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R761  |    | -----     | NRSA63J-102X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R763  |    | -----     | NRSA63J-823X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R765  |    | -----     | NRSA63J-472X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R766  |    | -----     | NRSA63J-472X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R767  |    | -----     | NRSA63J-473X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R771  |    | -----     | NRSA63J-271X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R772  |    | -----     | NRSA63J-271X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R774  |    | -----     | NRSA63J-473X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R775  |    | -----     | NRSA63J-222X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R777  |    | -----     | NRSA63J-103X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R779  |    | -----     | NRSA63J-101X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R781  |    | -----     | NRS181J-473X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R782  |    | -----     | NRSA63J-472X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R783  |    | -----     | NRSA63J-103X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R784  |    | -----     | NRSA63J-103X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R901  |    | -----     | QRE141J-103Y | C RESISTOR    | (Addition)  | 1   | 1A     |
|   | 07 R902  |    | -----     | NRSA02J-0R0X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R903  |    | -----     | NRSA02J-472X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R930  |    | -----     | NRSA63J-103X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R971  |    | -----     | NRS181J-332X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R976  |    | -----     | NRSA02J-273X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 R977  |    | -----     | NRSA02J-123X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 L1    |    | -----     | NQL093K-R47X | P COIL        | (Addition)  | 1   | 1A     |
|   | 07 L2    |    | -----     | NQL093K-1R8X | P COIL        | (Addition)  | 1   | 1A     |
|   | 07 L3    |    | -----     | NQL093K-R22X | P COIL        | (Addition)  | 1   | 1A     |
|   | 07 L4    |    | -----     | QQR1872-001  | RF COIL       | (Addition)  | 1   | 1A     |
|   | 07 L5    |    | -----     | QQL244J-561Z | COIL          | (Addition)  | 1   | 1A     |
|   | 07 L6    |    | -----     | QQL244J-561Z | COIL          | (Addition)  | 1   | 1A     |
|   | 07 L8    |    | -----     | QQL231K-4R7Y | INDUCTOR      | (Addition)  | 1   | 1A     |
|   | 07 L9    |    | -----     | QQL231K-4R7Y | INDUCTOR      | (Addition)  | 1   | 1A     |
|   | 07 L31   |    | -----     | NQL093K-R47X | P COIL        | (Addition)  | 1   | 1A     |
|   | 07 L701  |    | -----     | QQL231K-4R7Y | INDUCTOR      | (Addition)  | 1   | 1A     |
|   | 07 L702  |    | -----     | QQL231K-4R7Y | INDUCTOR      | (Addition)  | 1   | 1A     |
| △ | 07 L901  |    | -----     | QQR1852-001  | CHOKE COIL    | (Addition)  | 1   | 1A     |
| △ | 07 L901  | or | -----     | QQR0703-001  | CHOKE COIL    | (Addition)  | 1   | 1A     |
|   | 07 L930  |    | -----     | NQLH25M-4R7X | COIL          | (Addition)  | 1   | 1A     |
|   | 07 CN501 |    | -----     | QGB2027ME-28 | CONNECTOR     | (Addition)  | 1   | 1A     |
|   | 07 CN701 |    | -----     | QGZ1102J1-20 | CONNECTOR     | (Addition)  | 1   | 1A     |
|   | 07 CN901 |    | -----     | QNZ0607-001  | CAR CONNECTOR | (Addition)  | 1   | 1A     |
|   | 07 J1    |    | -----     | QNB0190-001  | ANT TERMINAL  | (Addition)  | 1   | 1A     |
|   | 07 J1    | or | -----     | QNB0348-001  | ANT TERMINAL  | (Addition)  | 1   | 1A     |
|   | 07 J321  |    | -----     | QNN0802-001  | PIN JACK      | (Addition)  | 1   | 1A     |
|   | 07 K162  |    | -----     | NRSA02J-0R0X | MG RESISTOR   | (Addition)  | 1   | 1A     |
|   | 07 S701  |    | -----     | QSW0648-001Z | TACT SWITCH   | (Addition)  | 1   | 1A     |
|   | 07 X1    |    | -----     | QAX0952-001Z | CRYSTAL       | (Addition)  | 1   | 1A     |
|   | 07 X701  |    | -----     | QAX0667-001Z | C RESONATOR   | (Addition)  | 1   | 1A     |
|   | 07 X702  |    | -----     | QAX0953-001  | CRYSTAL       | (Addition)  | 1   | 1A     |

# Switch board S27J [08]

| △ | Symbol | or    | Part No.  |                 | Part Name       | Description | Qty | Models |
|---|--------|-------|-----------|-----------------|-----------------|-------------|-----|--------|
|   |        |       | <Rev.002> | <Rev.003>       |                 |             |     |        |
|   | 08     | IC661 | -----     | PTC6526LQ-L     | IC              | (Addition)  | 1   | 1A     |
|   | 08     | IC681 | -----     | KSM-2003TN5B    | IR DETECT UNIT  | (Addition)  | 1   | 1A     |
|   | 08     | IC930 | -----     | TPS54040DGQ-X   | IC              | (Addition)  | 1   | 1A     |
|   | 08     | Q601  | -----     | 2SA2188/F/-X    | TRANSISTOR      | (Addition)  | 1   | 1A     |
|   | 08     | Q602  | -----     | RT1N141C-X      | DIGI TRANSISTOR | (Addition)  | 1   | 1A     |
|   | 08     | Q602  | or -----  | UN2211-X        | TRANSISTOR      | (Addition)  | 1   | 1A     |
|   | 08     | D633  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D634  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D635  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D636  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D638  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D639  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D640  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D641  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D642  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D645  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D646  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D650  | -----     | LWA6SG/56L/-X   | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D652  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D653  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D654  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D655  | -----     | SML-D12V8W/PQ-X | LED             | (Addition)  | 1   | 1A     |
|   | 08     | D661  | -----     | DA2J101-X       | SI DIODE        | (Addition)  | 1   | 1A     |
|   | 08     | D662  | -----     | DZ2J051/M/-X    | Z DIODE         | (Addition)  | 1   | 1A     |
|   | 08     | D691  | -----     | DZ2J051/M/-X    | Z DIODE         | (Addition)  | 1   | 1A     |
|   | 08     | D692  | -----     | DZ2J051/M/-X    | Z DIODE         | (Addition)  | 1   | 1A     |
|   | 08     | D930  | -----     | MBRX130-TP-X    | SB DIODE        | (Addition)  | 1   | 1A     |
|   | 08     | D930  | or -----  | MA22D23-X       | SB DIODE        | (Addition)  | 1   | 1A     |
|   | 08     | C661  | -----     | NCB21EK-105X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C662  | -----     | NDC31HJ-151X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C663  | -----     | NCB31HK-223X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C665  | -----     | NCB31CK-104X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C666  | -----     | NCB31CK-104X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C682  | -----     | NCB31HK-104X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C687  | -----     | NCB31HK-102X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C688  | -----     | NCB31HK-102X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C692  | -----     | NCJ11EK-106X-R  | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C693  | -----     | NCJ11EK-106X-R  | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C930  | -----     | NCJ11EK-106X-R  | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C931  | -----     | NCJ11EK-106X-R  | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C932  | -----     | NCJ11EK-106X-R  | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C933  | -----     | NCB31HK-104X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C934  | -----     | NCB31HK-104X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C935  | -----     | NCB31HK-272X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C936  | -----     | NDC31HJ-5R6X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C937  | -----     | NCJ11EK-106X-R  | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C938  | -----     | NCJ11EK-106X-R  | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | C939  | -----     | NDC31HJ-100X    | C CAPACITOR     | (Addition)  | 1   | 1A     |
|   | 08     | R601  | -----     | NRSA63J-821X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R602  | -----     | NRSA63J-821X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R603  | -----     | NRSA63J-122X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R604  | -----     | NRSA63J-182X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R605  | -----     | NRSA63J-272X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R607  | -----     | NRSA63J-821X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R608  | -----     | NRSA63J-821X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R609  | -----     | NRSA63J-122X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R610  | -----     | NRSA63J-182X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R611  | -----     | NRSA63J-272X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R612  | -----     | NRSA63J-392X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R613  | -----     | NRSA63J-103X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R631  | -----     | NRS181J-471X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R632  | -----     | NRS181J-471X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R633  | -----     | NRS181J-561X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R634  | -----     | NRS181J-471X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R635  | -----     | NRS181J-471X    | MG RESISTOR     | (Addition)  | 1   | 1A     |
|   | 08     | R636  | -----     | NRS181J-471X    | MG RESISTOR     | (Addition)  | 1   | 1A     |

| △  | Symbol | or | Part No.  |               | Part Name      | Description | Qty | Models |
|----|--------|----|-----------|---------------|----------------|-------------|-----|--------|
|    |        |    | <Rev.002> | <Rev.003>     |                |             |     |        |
| 08 | R637   |    | -----     | NRS181J-471X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R638   |    | -----     | NRS181J-471X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R648   |    | -----     | NRS181J-391X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R649   |    | -----     | NRS181J-391X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R650   |    | -----     | NRS181J-221X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R651   |    | -----     | NRS181J-271X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R652   |    | -----     | NRSA63J-472X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R653   |    | -----     | NRS181J-102X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R654   |    | -----     | NRSA63J-511X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R660   |    | -----     | NRSA63J-394X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R661   |    | -----     | NRSA63J-102X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R662   |    | -----     | NRSA63J-102X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R663   |    | -----     | NRSA63J-102X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R664   |    | -----     | NRSA63J-224X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R665   |    | -----     | NRSA63J-101X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R666   |    | -----     | NRSA63J-101X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R667   |    | -----     | NRSA63J-101X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R672   |    | -----     | NRSA63J-0R0X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R673   |    | -----     | NRSA63J-0R0X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R681   |    | -----     | NRSA63J-471X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R682   |    | -----     | NRSA63J-102X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R690   |    | -----     | NRSA63J-103X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R931   |    | -----     | NRSA63J-432X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R932   |    | -----     | NRSA63J-274X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R933   |    | -----     | NRSA63J-681X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R934   |    | -----     | NRSA63J-753X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R935   |    | -----     | NRSA63J-753X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R936   |    | -----     | NRSA63D-103X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R937   |    | -----     | NRSA63J-182X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | R938   |    | -----     | NRSA63D-513X  | MG RESISTOR    | (Addition)  | 1   | 1A     |
| 08 | L601   |    | -----     | NQR0007-002X  | FERRITE BEADS  | (Addition)  | 1   | 1A     |
| 08 | L602   |    | -----     | NQR0007-002X  | FERRITE BEADS  | (Addition)  | 1   | 1A     |
| 08 | L603   |    | -----     | NQR0007-002X  | FERRITE BEADS  | (Addition)  | 1   | 1A     |
| 08 | L691   |    | -----     | NQR0536-001X  | CHOKE COIL     | (Addition)  | 1   | 1A     |
| 08 | L931   |    | -----     | NQL52EM-220X  | COIL           | (Addition)  | 1   | 1A     |
| 08 | CN601  |    | -----     | QGZ1102K1-20X | CONNECTOR      | (Addition)  | 1   | 1A     |
| 08 | CN603  |    | -----     | QNZ1006-001   | USB CONNECTOR  | (Addition)  | 1   | 1A     |
| 08 | CN603  | or | -----     | QNZ0963-002   | USB CONNECTOR  | (Addition)  | 1   | 1A     |
| 08 | EN601  |    | -----     | QSW1231-002   | ROTARY ENCODER | (Addition)  | 1   | 1A     |
| 08 | PJ601  |    | -----     | QNS0280-001   | 3.5 JACK       | (Addition)  | 1   | 1A     |
| 08 | S601   |    | -----     | NSW0326-001X  | TACT SWITCH    | (Addition)  | 1   | 1A     |
| 08 | S602   |    | -----     | NSW0326-001X  | TACT SWITCH    | (Addition)  | 1   | 1A     |
| 08 | S603   |    | -----     | NSW0326-001X  | TACT SWITCH    | (Addition)  | 1   | 1A     |
| 08 | S604   |    | -----     | NSW0326-001X  | TACT SWITCH    | (Addition)  | 1   | 1A     |
| 08 | S605   |    | -----     | NSW0326-001X  | TACT SWITCH    | (Addition)  | 1   | 1A     |
| 08 | S606   |    | -----     | NSW0326-001X  | TACT SWITCH    | (Addition)  | 1   | 1A     |
| 08 | S607   |    | -----     | NSW0326-001X  | TACT SWITCH    | (Addition)  | 1   | 1A     |
| 08 | S608   |    | -----     | NSW0326-001X  | TACT SWITCH    | (Addition)  | 1   | 1A     |
| 08 | S609   |    | -----     | NSW0326-001X  | TACT SWITCH    | (Addition)  | 1   | 1A     |
| 08 | S610   |    | -----     | NSW0326-001X  | TACT SWITCH    | (Addition)  | 1   | 1A     |
| 08 | S611   |    | -----     | NSW0326-001X  | TACT SWITCH    | (Addition)  | 1   | 1A     |

#### Packing and accessories [M3MM]

| △    | Symbol | or | Part No.  |               | Part Name      | Description | Qty | Models |
|------|--------|----|-----------|---------------|----------------|-------------|-----|--------|
|      |        |    | <Rev.002> | <Rev.003>     |                |             |     |        |
| M3MM | A4     |    | -----     | GET0698-001A  | INST.BK/MANUAL | (Addition)  | 1   | 1A     |
| M3MM | A5     |    | -----     | GET0698-002A  | INST.BK/MANUAL | (Addition)  | 1   | 1A     |
| M3MM | A26    |    | -----     | GET0222-001B  | CAUTION SHEET  | (Addition)  | 1   | 1A     |
| M3MM | P1     |    | -----     | GE34372-001A  | CARTON         | (Addition)  | 1   | 1A     |
| M3MM | P3     |    | -----     | QPC03004315PG | POLY BAG       | (Addition)  | 1   | 1A     |



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