

5

# 7. DISASSEMBLY

**Note:** Even if the unit shown in the photos and illustrations in this manual may differ from your product, the procedures described here are common.

## Knobs and Volumes Location



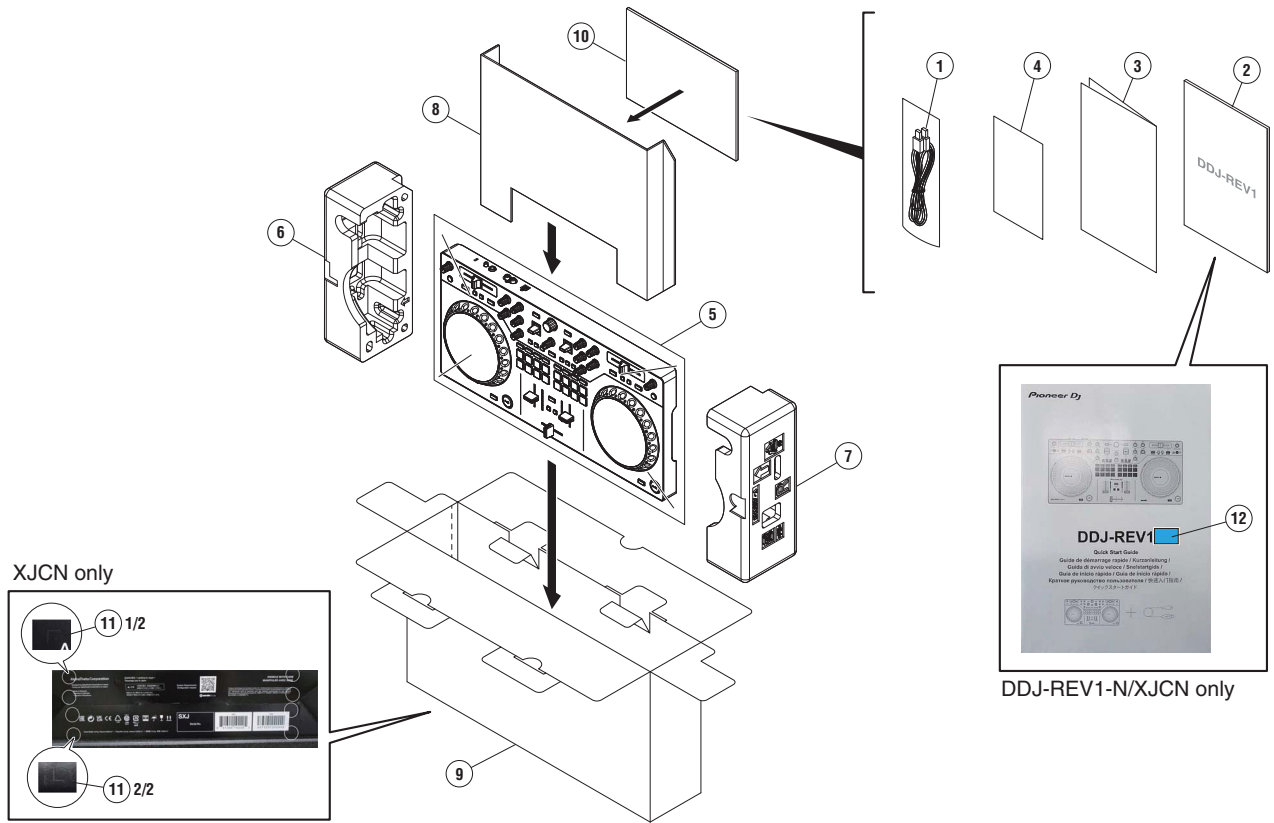
- A** DAA1324 x13  
White  
Black
- B** DNK6769 x2  
White  
Black
- C** DAA1281  
Black
- D** DAC2685 x3 + DAC3539 x3 + DNK6009 x3  
DAC2685  
DAC3539  
DNK6009

5 6 7

## 9. EXPLODED VIEWS AND PARTS LIST

NOTES: ● Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.  
● The  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.  
● Screws adjacent to ▼ mark on product are used for disassembly.  
● For the applying amount of lubricants or glue, follow the instructions in this manual.  
(In the case of no amount instructions, apply as you think it appropriate.)

### 9.1 PACKING SECTION



#### (1) PACKING SECTION PARTS LIST

| Mark No. | Description         | Part No.               | Mark No. | Description      | Part No.               |
|----------|---------------------|------------------------|----------|------------------|------------------------|
|          | 1 USB Cable         | DDE1150                | 6        | Packing Pad      | DHA2016                |
|          | 2 Quick Start Guide | DRH1667                | 7        | Packing Pad      | DHA2017                |
|          | 3 Sub Manual        | See Contrast table (2) | 8        | Partition        | DHC1110                |
| NSP      | 4 Warranty          | DRY1274                | 9        | Packing Case     | See Contrast table (2) |
|          | 5 Packing Sheet     | AHG7053                | NSP 10   | Polyethylene Bag | AHG7117                |
|          |                     |                        | 11       | Label            | See Contrast table (2) |
|          |                     |                        | NSP 12   | Label            | See Contrast table (2) |

#### (2) CONTRAST TABLE

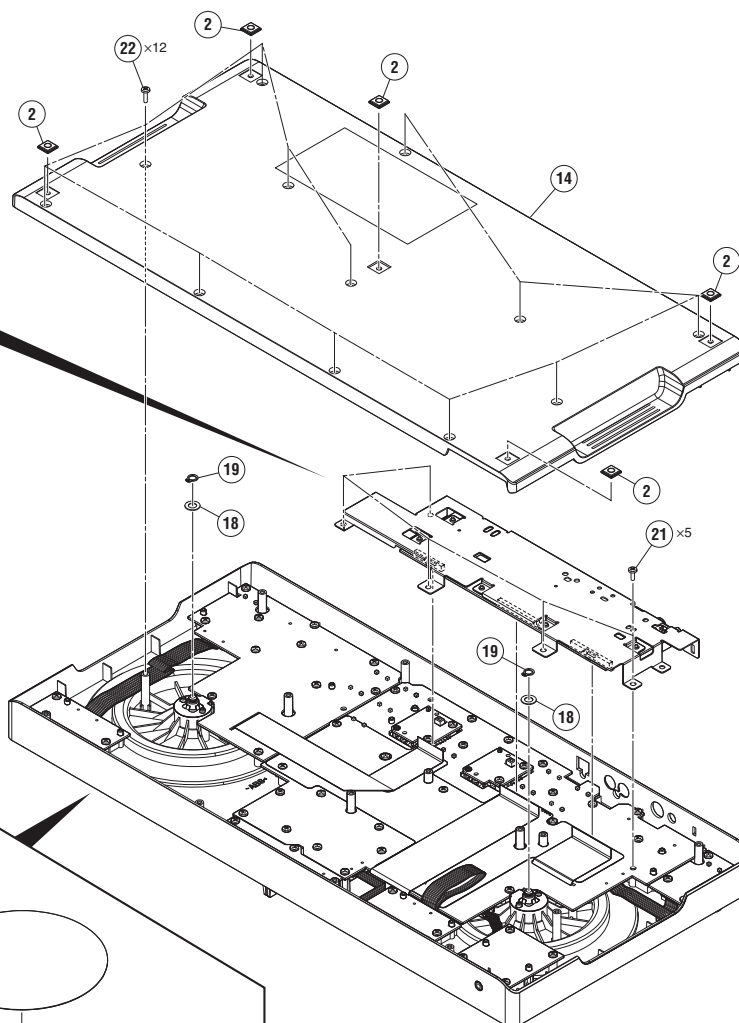
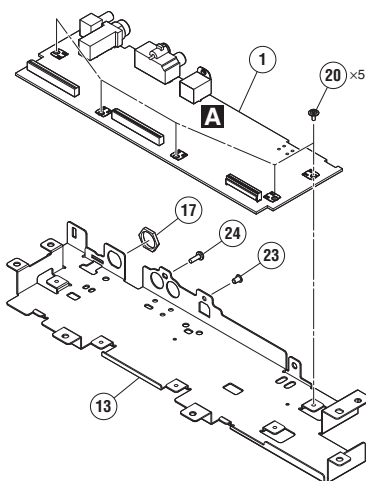
DDJ-REV1/SXJ, XJCN, DDJ-REV1-N/PXJ and XJCN are constructed the same except for the following:

| Mark | No. | Symbol and Description | DDJ-REV1/SXJ | DDJ-REV1/XJCN | DDJ-REV1-N/PXJ | DDJ-REV1-N/XJCN |
|------|-----|------------------------|--------------|---------------|----------------|-----------------|
|      | 3   | Sub Manual             | DRH1668      | DRH1669       | DRH1686        | DRH1669         |
|      | 9   | Packing Case           | DHG3833      | DHG3833       | DHG3839        | DHG3839         |
|      | 11  | Label                  | Not used     | DRW3022       | Not used       | DRW3023         |
| NSP  | 12  | Label                  | Not used     | Not used      | Not used       | DRW2829         |

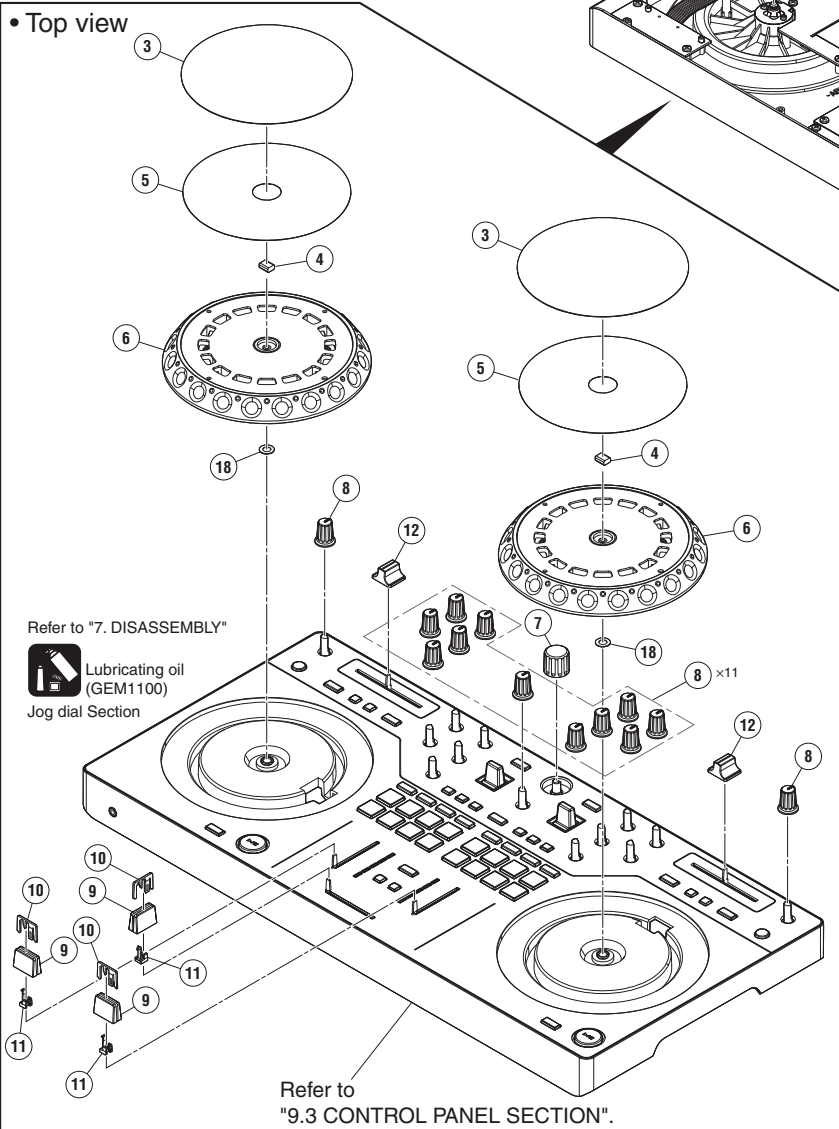
## 9.2 BOTTOM SECTION

### A • Bottom view

#### • Top view



#### • Top view



(1) BOTTOM SECTION PARTS LIST

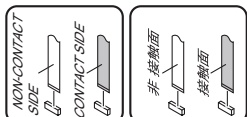
| Mark No. | Description   | Part No.               |
|----------|---------------|------------------------|
| 1        | MAIN Assy     | DWX4675                |
| 2        | Rubber Foot   | VEB1349                |
| 3        | Plate         | See Contrast table (2) |
| 4        | Gasket/JOG    | DEC3539                |
| 5        | DS Tape       | DEH1123                |
| 6        | Jog Dial      | DNK7044                |
| 7        | Knob          | DAA1281                |
| 8        | Knob/PLS      | DAA1324                |
| 9        | Knob          | DAC3539                |
| 10       | Slider Knob 2 | DAC2685                |
| 11       | Stopper/SLD   | DNK6009                |
| 12       | Knob          | DNK6769                |
| 13       | Stay          | DNH3497                |
| 14       | Chassis       | DNK7042                |
| 15       | .....         |                        |
| 16       | .....         |                        |
| 17       | Nut (M12)     | NKX2FNI                |
| 18       | Washer        | WA62D095D050           |
| 19       | Washer        | YC60FAC                |
| 20       | Screw         | ASZ26P050FTC           |
| 21       | Screw         | BPZ30P080FNI           |
| 22       | Screw         | BPZ30P100FTB           |
| 23       | Screw (M3*5)  | DBA1340                |
| 24       | Screw         | PPZ30P080FTB           |

(2) CONTRAST TABLE

DDJ-REV1 and DDJ-REV1-N are constructed the same except for the following:

| Mark | No. | Symbol and Description | DDJ-REV1 | DDJ-REV1-N |
|------|-----|------------------------|----------|------------|
|      | 3   | Plate                  | DAH3381  | DAH3389    |

F



## (1) CONTROL PANEL SECTION PARTS LIST

| <u>Mark No.</u> | <u>Description</u> | <u>Part No.</u>        |
|-----------------|--------------------|------------------------|
| 1               | MIXR Assy ✕        | DWX4681                |
| 2               | HPJK Assy          | DWX4682                |
| 3               | PNL2 Assy ✕        | DWX4685                |
| 4               | FFC                | DDD2082                |
| 5               | FFC                | DDD2083                |
| 6               | FFC                | DDD2084                |
| 7               | Lever              | See Contrast table (2) |
| 8               | Lever Spring       | DBH1702                |
| 9               | Brake              | DEC3948                |
| 10              | Lever Cap          | DNK5344                |
| 11              | Base               | DNK6470                |
| 12              | Sheet              | DEC3795                |
| 13              | Packing/TMP        | DEC3392                |
| 14              | Button S (Black)   | DAC2663                |
| 15              | Button/FX          | DAC2796                |
| 16              | Button             | DAC3152                |
| 17              | Button             | DAC3098                |
| 18              | Button             | DAC3442                |
| 19              | Button             | DAC3620                |
| 20              | Button             | DAC3621                |
| 21              | Button             | DAC3622                |
| 22              | Button             | DAC3624                |
| 23              | Button             | DEB2089                |
| 24              | Barrier            | DEC4037                |
| 25              | Lens               | DNK6946                |
| 26              | Plate/CND          | DNH3137                |
| 27              | Control Panel      | See Contrast table (2) |
| 28              | •••••              |                        |
| 29              | •••••              |                        |
| 30              | Screw              | BPZ30P080FNI           |
| 31              | Screw              | IPZ20P080FTC           |

✕ The service parts of the MIXR Assy and the PNL2 Assy are supplied with multiple boards connected by jumper leads. The MIXR Assy consists of MIXR, HPVR, PLYL, and CRFD boards connected by jumper leads. The PNL2 Assy consists of PNL2 and PLYR boards connected by jumper leads. These six boards are not supplied by itself as the service parts.

## (2) CONTRAST TABLE

DDJ-REV1 and DDJ-REV1-N are constructed the same except for the following:

| Mark | No. | Symbol and Description | DDJ-REV1 | DDJ-REV1-N |
|------|-----|------------------------|----------|------------|
|      | 7   | Lever                  | DAC3627  | DAC3629    |
|      | 27  | Control Panel          | DNK7043  | DNK7064    |

12. PCB PARTS LIST

NOTES: ● Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.  
● The ⚠ mark found on some component parts indicates the importance of the safety factor of the part.  
Therefore, when replacing, be sure to use parts of identical designation.  
● When ordering resistors, first convert resistance values into code form as shown in the following examples.

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47 k ohm (tolerance is shown by J = 5%, and K = 10%).

560 Ω    −    56 × 10<sup>1</sup>    −    561 ..... RD1/4PU 5 6 1 J  
47 kΩ    −    47 × 10<sup>3</sup>    −    473 ..... RD1/4PU 4 7 3 J  
0.5 Ω    −    R50 ..... RN2H R 5 0 K  
1 Ω    −    1R0 ..... RSIP 1 R 0 K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62 kΩ    −    562 × 10<sup>1</sup>    −    5621 ..... RN1/4PC 5 6 2 1 F

| Mark                      | No.          | Description | Part No. | Mark                 | No.                                | Description | Part No.      |
|---------------------------|--------------|-------------|----------|----------------------|------------------------------------|-------------|---------------|
| <b>LIST OF ASSEMBLIES</b> |              |             |          |                      |                                    |             |               |
|                           | 1..MAIN ASSY |             | DWX4675  | D                    | 214                                |             | MC2848-11     |
|                           |              |             |          | D                    | 217,702,704                        |             | 1SS355L@V     |
|                           |              |             |          | D                    | 705,708                            |             | RB501VM-40    |
| NSP                       | 1..PNL1 ASSY |             | DWM2828  | <b>MISCELLANEOUS</b> |                                    |             |               |
|                           | 2..MIXR ASSY |             | DWX4681  | L                    | 104 COIL                           |             | ATH7015       |
|                           | 2..HPJK ASSY |             | DWX4682  | L                    | 205 POWER INDUCTOR                 |             | ATH7053       |
|                           |              |             |          | L                    | 401,405 CHIP SOLID INDUCTOR        |             | QTL1013       |
|                           | 1..PNL2 ASSY |             | DWX4685  | L                    | 403 CHIP COIL (4.7 uH)             |             | BTH1102       |
|                           |              |             |          | L                    | 404 CHIP BEADS                     |             | VTL1129       |
|                           |              |             |          | L                    | 406 CHIP SOLID INDUCTOR            |             | QTL1013       |
|                           |              |             |          | L                    | 701 CHIP SOLID INDUCTOR            |             | XTL3010       |
|                           |              |             |          | JA                   | 101 USB CONNECTOR                  |             | DKN1237       |
|                           |              |             |          | JA                   | 701 6.5 DIA JACK                   |             | DKN1688       |
|                           |              |             |          | JA                   | 702 PIN JACK(2P)                   |             | AKB7181       |
|                           |              |             |          | X                    | 401 CRYSTAL (24.576 MHz)           |             | DSS1204       |
|                           |              |             |          | X                    | 403 CRYSTAL RESONATOR (13.333 MHz) |             | CSS1840       |
|                           |              |             |          | X                    | 404 RESONATOR (48.000 MHz)         |             | CSS1760       |
|                           |              |             |          | CN                   | 101,103 39P CONNECTOR              |             | VKN2097       |
|                           |              |             |          | ⚠ CN                 | 102 25P CONNECTOR                  |             | VKN1256       |
|                           |              |             |          | P                    | 101 PROTECTOR (1.000 A)            |             | DEK1097       |
|                           |              |             |          | VA                   | 103,701-706 VARISTORS              |             | EZJZ1V270RM   |
|                           |              |             |          | <b>RESISTORS</b>     |                                    |             |               |
|                           |              |             |          | R                    | 101-105                            |             | RAB4CQ223J    |
|                           |              |             |          | R                    | 125                                |             | RS1/10SR102J  |
|                           |              |             |          | R                    | 208,211,248,259                    |             | RS1/10SR0R0J  |
|                           |              |             |          | R                    | 219,252                            |             | RS1/4SA100J   |
|                           |              |             |          | R                    | 224,226                            |             | RS1/8SQ1R5J   |
|                           |              |             |          | R                    | 231,746,747                        |             | RS1/10SR271J  |
|                           |              |             |          | R                    | 245                                |             | RS1/16SS1802F |
|                           |              |             |          | R                    | 246                                |             | RS1/16SS3901D |
|                           |              |             |          | R                    | 251                                |             | RS1/10SR103J  |
|                           |              |             |          | R                    | 260,733,734,776                    |             | RS1/10SR471J  |
|                           |              |             |          | R                    | 267,292,295,309                    |             | RS1/10SR0R0J  |
|                           |              |             |          | R                    | 293,294                            |             | RS1/16SS1002D |
|                           |              |             |          | R                    | 425,500,512                        |             | RAB4CQ221J    |
|                           |              |             |          | R                    | 439,440                            |             | RS1/8SQ0R0J   |
|                           |              |             |          | R                    | 447,448,453,455                    |             | RAB4CQ560J    |
|                           |              |             |          | R                    | 454,458,462,485                    |             | RAB4CQ103J    |
|                           |              |             |          | R                    | 456,460,473                        |             | RAB4CQ560J    |
|                           |              |             |          | R                    | 480                                |             | RAB4CQ104J    |
|                           |              |             |          | R                    | 481                                |             | RAB4CQ472J    |
|                           |              |             |          | R                    | 488                                |             | RS1/16SS5601D |
|                           |              |             |          | R                    | 495                                |             | RAB4CQ0R0J    |
|                           |              |             |          | R                    | 502,715,720,723                    |             | RS1/10SR0R0J  |

PNL1 ASSY  
Consist of  
MIXR ASSY  
HPJK ASSY  
**B C D E F**  
PNL1 ASSY  
SEMICONDUCTORS

| Mark | No. | Description         | Part No.        |
|------|-----|---------------------|-----------------|
| A    | D   | 1201-1212,1214-1217 | MC2848-11       |
|      | D   | 1213,1218,1223,1228 | 1SS355L@V       |
|      | D   | 1219-1222,1224-1227 | MC2848-11       |
|      | D   | 1401-1406,1408-1412 | LTL17KYRN5D-P@V |
|      | D   | 1407,1421           | LTL17KRH5D-P    |
|      | D   | 1413,1427,1438,1453 | LTL17KGP5D-P@V  |
|      | D   | 1414-1420,1422-1426 | LTL17KYRN5D-P@V |
|      | D   | 1428-1437,1439      | LTL17KYRN5D-P@V |
|      | D   | 1440                | RB501VM-40      |
|      | D   | 1441-1452,1455,1604 | LTL17KYRN5D-P@V |
| B    | D   | 1601,1602,1701      | 1SS355L@V       |
|      | D   | 1603                | LTL17KGP5D-P@V  |
|      | D   | 1702                | LTL17KYRN5D-P@V |

### MISCELLANEOUS

|    |                            |         |
|----|----------------------------|---------|
| L  | 1401,1402,1404 INDUCTOR    | CTF1379 |
| JA | 1901 STEREO MINI JACK      | XKN3017 |
| KN | 1401 EARTH TERMINAL        | AKF7002 |
| S  | 1201-1203,1205 TACT SWITCH | DSG1079 |
| S  | 1204,1219,1237 TACT SWITCH | DSG1089 |

|   |                                 |         |
|---|---------------------------------|---------|
| S | 1206-1209 TACTILE SWITCH        | DSG1153 |
| S | 1210-1212,1217,1218 TACT SWITCH | DSG1079 |
| S | 1213-1216 TACTILE SWITCH        | DSG1153 |
| S | 1220,1226,1227 TACT SWITCH      | DSG1079 |
| S | 1221-1224 TACTILE SWITCH        | DSG1153 |

|   |                                 |         |
|---|---------------------------------|---------|
| S | 1225 ROTARY ENCODER             | DSX1138 |
| S | 1230-1233,1601 TACTILE SWITCH   | DSG1153 |
| S | 1234-1236,1238-1243 TACT SWITCH | DSG1079 |
| S | 1602 TACTILE SWITCH             | DSG1153 |
| S | 1701 TACT SWITCH                | DSG1079 |

|    |                                |               |
|----|--------------------------------|---------------|
| CN | 1001,1002 39P CONNECTOR        | VKN2097       |
| CN | 1003 L-PLUG(5P)                | KM200NA5L     |
| JH | 1001,1002,1601 7P CABLE HOLDER | B2013H02-7P@V |
| JH | 1003,1801 4P CABLE HOLDER      | B2013H02-4P@V |
| JH | 1701 7P CABLE HOLDER           | B2013H02-7P@V |

|    |                               |              |
|----|-------------------------------|--------------|
| PC | 1201-1204 PHOTO INTERRUPTER   | GP1S094HCZ0F |
| PC | 1401,1402 PHOTO INTERRUPTER   | RPI-579N1    |
| VA | 1001-1004,1201-1206 VARISTORS | EZJZ1V270RM  |
| VA | 1208-1211,1901,1902 VARISTORS | EZJZ1V270RM  |
| VA | 1401,1402 SMD VARISTOR        | EZJZ1V80010  |

### RESISTORS

|   |                     |               |
|---|---------------------|---------------|
| R | 1001                | RS1/4SA2R0J   |
| R | 1002-1006,1219,1221 | RS1/4SA0R0J   |
| R | 1206,1207           | RS1/10SR2201D |
| R | 1451,1452 (750 ohm) | DCN1187       |
| R | 1470                | RS1/10SR1802D |

|    |                              |             |
|----|------------------------------|-------------|
| R  | 1511-1513,1904,1905          | RS1/4SA0R0J |
| R  | 1909,1910                    | RS1/4SA0R0J |
| VR | 1201,1701 POTENTIOMETER      | DCS1096     |
| VR | 1202,1204-1206 POTENTIOMETER | DCS1097     |
| VR | 1203,1209 SLIDE VR           | DCV1035     |
| VR | 1207 VARIABLE RESISTOR       | DCV1011     |
| VR | 1208,1210-1212 POTENTIOMETER | DCS1097     |

|    |                        |              |
|----|------------------------|--------------|
| VR | 1801 VARIABLE RESISTOR | DCV1023      |
|    | Other Resistors        | RS1/10SR###J |

### CAPACITORS

|   |                     |                |
|---|---------------------|----------------|
| C | 1003 (100 uF)       | CGG1232        |
| C | 1004,1207,1218,1219 | 0603B104K250CT |
| C | 1201,1202,1214,1220 | 0603B103K500CT |
| C | 1228,1229,1802      | 0603B103K500CT |

| Mark | No.                 | Description | Part No.       |
|------|---------------------|-------------|----------------|
| C    | 1231-1234,1401,1403 |             | 0603B104K250CT |
| C    | 1235,1404           |             | 0603X106M160CT |
| C    | 1236-1239           |             | 0603B222K500CT |
| C    | 1240,1241           |             | 0603B471K500CT |
| C    | 1402                |             | 0603N221J500CT |
| C    | 1701,1801,1903,1904 |             | 0603B104K250CT |
| C    | 1901,1902           |             | CEAT471M16     |

## **G H** PNL2 ASSY SEMICONDUCTORS

|                                               |                     |                 |
|-----------------------------------------------|---------------------|-----------------|
| IC                                            | 2201                | DYW2285*        |
| *Part number of the initial firmware equipped |                     |                 |
| Q                                             | 2201,2202,2407,2503 | LSCR523UB       |
| Q                                             | 2401,2403,2405,2501 | LTC124EUB       |
| Q                                             | 2402,2404,2406,2502 | LSAR523UB       |
| Q                                             | 2504                | LTC123JUB       |
| D                                             | 2201,2202,2503      | MC2848-11       |
| D                                             | 2203,2501,2502      | 1SS355L@V       |
| D                                             | 2204                | RB501VM-40      |
| D                                             | 2401-2403,2504      | LTL17KYRN5D-P@V |
| D                                             | 2505                | LTL17KGP5D-P@V  |

### MISCELLANEOUS

|    |                             |               |
|----|-----------------------------|---------------|
| L  | 2201,2202,2204 INDUCTOR     | CTF1379       |
| KN | 2201 EARTH TERMINAL         | AKF7002       |
| S  | 2201-2205 TACT SWITCH       | DSG1079       |
| S  | 2501,2502 TACTILE SWITCH    | DSG1153       |
| CN | 2001 25P CONNECTOR          | VKN1256       |
| JH | 2001,2501 8P CABLE HOLDER   | B2013H02-8P@V |
| PC | 2201,2202 PHOTO INTERRUPTER | RPI-579N1     |
| VA | 2201,2202 SMD VARISTOR      | EZJZ1V80010   |
| VA | 2203-2206 VARISTORS         | EZJZ1V270RM   |

### RESISTORS

|    |                         |               |
|----|-------------------------|---------------|
| R  | 2001                    | RS1/4SA2R0J   |
| R  | 2211,2212 (750 ohm)     | DCN1187       |
| R  | 2213                    | RS1/10SR2702D |
| R  | 2217,2218               | RS1/10SR2201D |
| VR | 2201 VARIABLE RESISTOR  | DCV1011       |
| VR | 2202 POTENTIOMETER      | DCS1097       |
| VR | 2203,2204 POTENTIOMETER | DCS1096       |
|    | Other Resistors         | RS1/10SR###J  |

### CAPACITORS

|   |                |                |
|---|----------------|----------------|
| C | 2002           | CEJQ101M16     |
| C | 2202,2207,2208 | 0603B104K250CT |
| C | 2203           | 0603N221J500CT |
| C | 2209,2214      | 0603B103K500CT |
| C | 2210,2218      | 0603X106M160CT |