

INTEGRATED AMPLIFIER

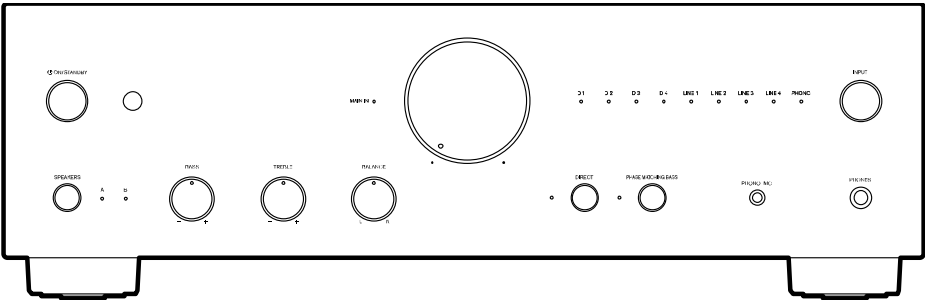
Service Manual

A-9150

- ✓ Pre Issue (2017-Jun)
- ✓ Final Issue (2017-Jul)

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THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

| Model  | Color        | Type | Power Requirement | Remarks             |
|--------|--------------|------|-------------------|---------------------|
| A-9150 | (B) - Black  | MDC  | AC 120 V          | Canada/USA/(Mexico) |
| A-9150 | (B) - Black  | MGP  | AC 220 V to 230 V | Europe              |
| A-9150 | (S) - Silver | MGP  | AC 220 V to 230 V | Europe              |
| A-9150 | (S) - Silver | MGR  | AC 220 V to 230 V | China               |



1. Safety-related component warning!!

Components identified by mark  $\triangle$  on the schematic diagram and by mark “!” in the parts list are critical for risk of fire and electrical shock. Replace these components with ONKYO parts whose part numbers appear as shown in this manual.

2. Safety check after servicing

- (1) To ensure safety, check that the covered insulating sheet or tube are removed, all parts and wires which are removed or disconnected while servicing have been put back to their original positions after servicing.
- (2) To insure structural integrity, check that all the screws or mechanical parts have been put back in their original positions after servicing.
- (3) Check that in the process of servicing or replacing parts that the surrounding area has not been contaminated or adversely affected.
- (4) After servicing an insulation check on the external metal connectors and between the blades of the power plug must be performed.

Method of checking insulation resistance

Unplug the power cord and short the both ends of the plug with a jumper wire.  
Using a 500V insulation resistance tester, check that the insulation resistance value between the plug of the power cord and externally exposed metal parts is 1MΩ or greater.  
※The mechanical power switch should be turned on if it is available.

3. Caution on replacing the battery

Danger of explosion if rechargeable batteries is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. When disposing of used batteries, please comply with governmental regulations or environmental public institution’s rules that apply in your country / area.

4. Other Cautions

- When AC plug is non-polarized and if Main or Primary fuse enters in the Neutral line of AC Mains supply or if there is possibility of Main or Primary Fuse entering in the Neutral line of AC Mains supply, then AC Mains supply must be disconnected to de-energize the circuit.
- Be sure to use only lead free solder.
- When soldering, please be careful not to use too much solder and affect adjacent components.

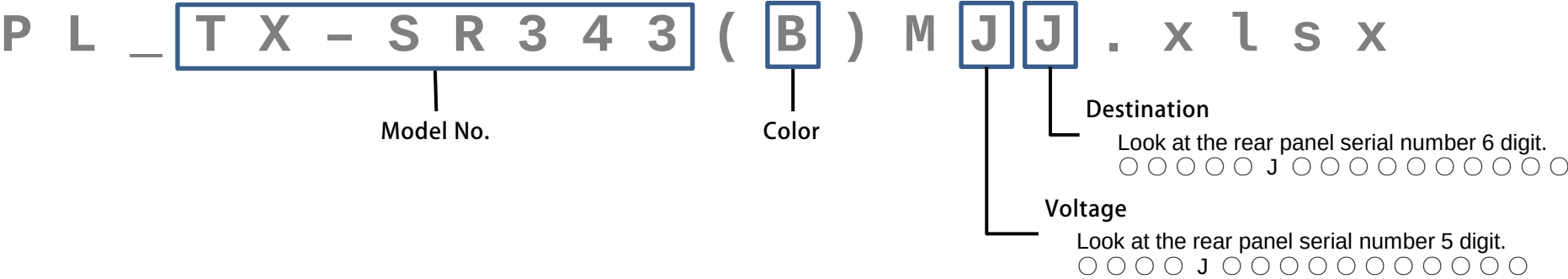


This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual. Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

File Name of Parts List File (EXCEL File)

Note for Parts List

When parts list is EXCEL file, please refer to the following explanation about file name.



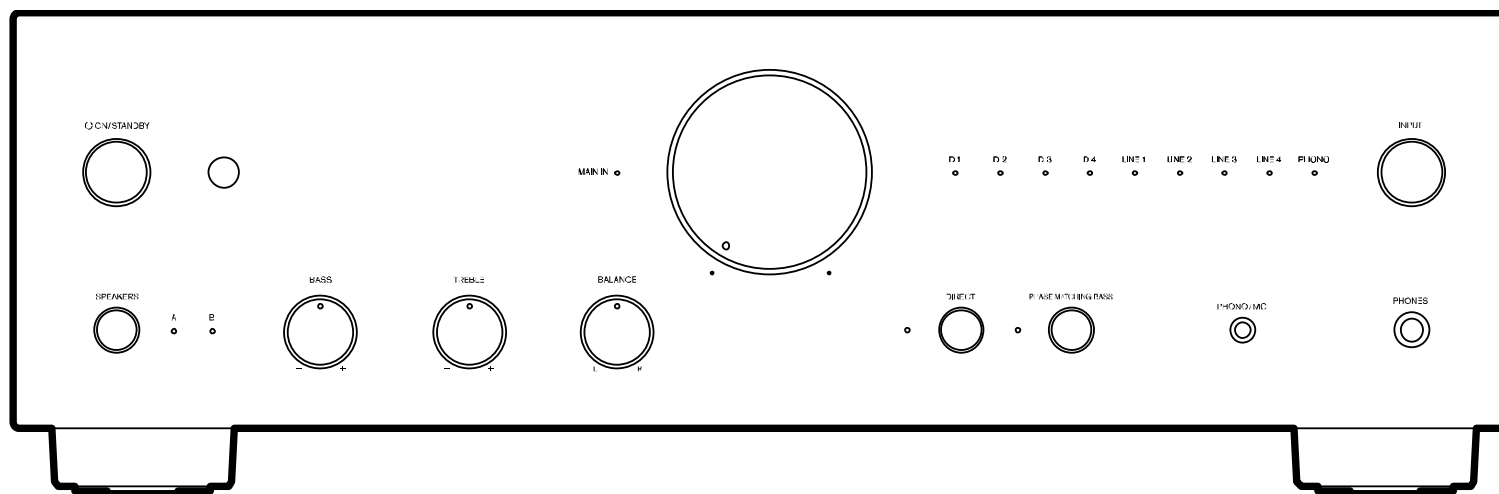
| Color |                      |     |        |
|-------|----------------------|-----|--------|
| (X)   | Not related to color |     |        |
| (B)   | Black                | (M) | Wood   |
| (BR)  | Brown                | (O) | Orange |
| (C)   | Cherry               | (P) | Pink   |
| (G)   | Gold                 | (R) | Red    |
| (GR)  | Green                | (S) | Silver |
| (H)   | Gray                 | (V) | Violet |
| (K)   | Black                | (W) | White  |
| (L)   | Blue                 | (Y) | Yellow |
| (LB)  | Light Blue           |     |        |

| Voltage                         |                   |
|---------------------------------|-------------------|
| D                               | 120V AC           |
| G                               | 220~230V          |
| H                               | 220~230／240V      |
| J                               | 100V AC           |
| M                               | 220~240V AC       |
| P                               | 230V AC           |
| U                               | 100~240V AC       |
| V                               | 110~240V          |
| W                               | 120V／220~240V     |
| Z                               | ※1                |
| Speaker System (without AMP.) : |                   |
| O                               | Passive Subwoofer |
| F                               | Front Speaker     |
| C                               | Center Speaker    |
| R                               | Rear Speaker      |
| B                               | Back Speaker      |

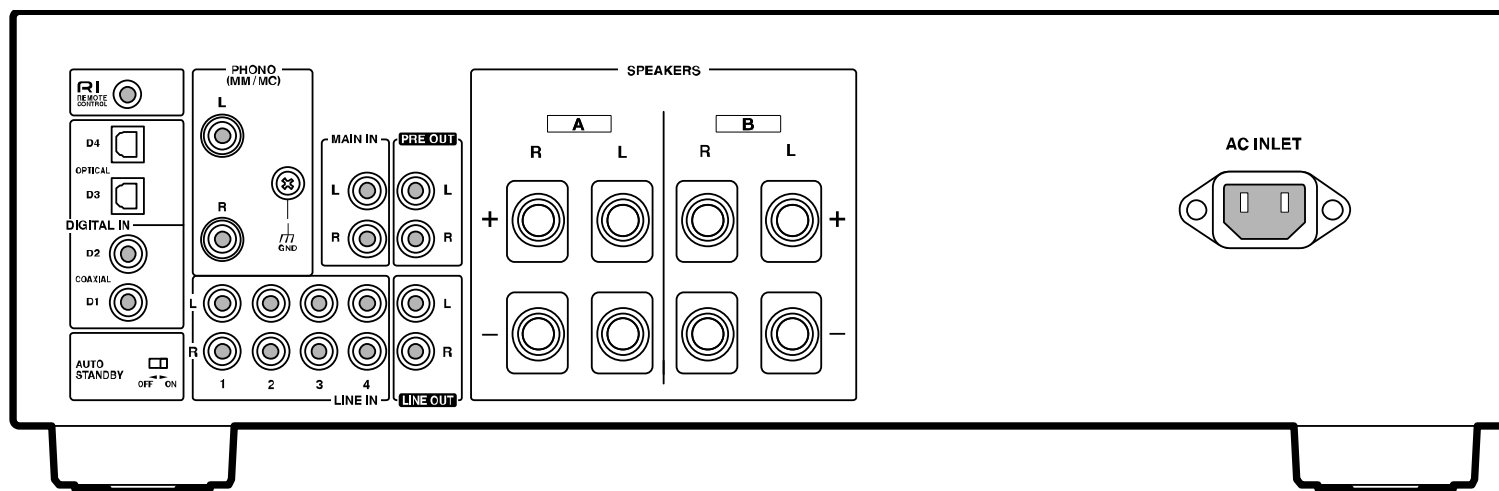
| Destination |                |                                 |
|-------------|----------------|---------------------------------|
| A           | Australia      |                                 |
| B           | United Kingdom | Speaker System (without AMP.) : |
| C           | North American |                                 |
| D           | USA            | L Left channel                  |
| F           | Taiwan         | R Right channel                 |
| J           | Japan          | O Center channel                |
| K           | Korea          |                                 |
| L           | Russia         |                                 |
| P           | Europe         |                                 |
| Q           | Hong Kong      |                                 |
| R           | China          |                                 |
| S           | Brazil         |                                 |
| T           | Thai           |                                 |
| U           | Worldwide      |                                 |

※1 There is a charge function and a power supply (adapter) is needed, but an adapter isn't bundled.

## Front Panel

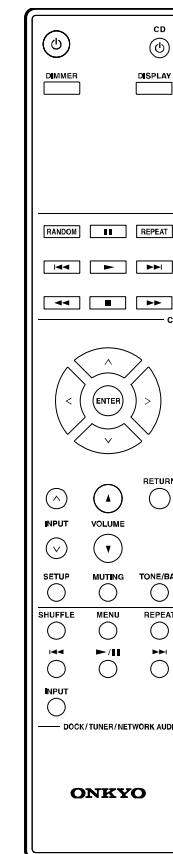


## Rear Panel



## Panel

### Remote Control Unit RC-959S



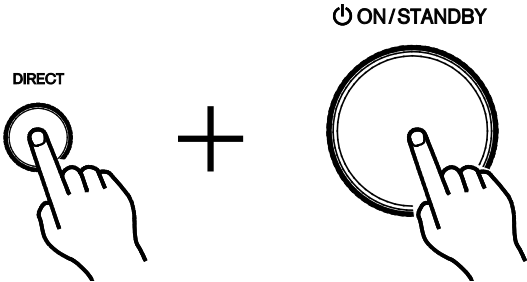
### Accessory

1. Remote controller (RC-959S) . . . (1)
2. Batteries (R03/AAA) . . . (2)  
(Note for China: The battery for the remote controller is not supplied for this unit.)
3. Power cord (5.9 ft/1.8 m) . . . (1)  
(Plug type varies from country to country.)

Dimensions (W × H × D) : 435 mm × 139 mm × 331 mm (17-1/8" × 5-1/2" × 13-1/16")

Weight : 9.2 kg (20.3 lbs)

With the integrated amplifier turned on,  
hold down [DIRECT] and press [ON/STANDBY].



| Initial setting | 出荷ポジション                         |
|-----------------|---------------------------------|
| SELECTOR        | D1                              |
| SPEAKERS        | A                               |
| BASS            | CENTER                          |
| TREBLE          | CENTER                          |
| BALAMCE         | CENTER                          |
| VOLUME          | Min.                            |
| PURE DIRECT     | Direct                          |
| RI MODE         | D1,D2, D3                       |
| 4Ω/8Ω           | 8Ω                              |
| Auto Standby    | ON (except JJ and DD, DC model) |

# How to Adjust Idling Current and DC Offset

Adjustment

1. Set the DC Offset voltages at SPEAKER OUTPUT A(P500) to less than +-10mV by adjusting R5607(Lch) and R5707(Rch), under the condition of no input and no load, immediately after POWER ON.
2. R587 and R588 Turn the left to get the minimum resistor value.
3. Set the voltages at P511 and P512 to 25mV by adjusting R587 and R588, under the condition of no input and no load, immediately after POWER ON.
4. 5 minutes of heat running.
5. Re-adjust by following procedure.

Check the voltage of the p511 and p512, and readjust with the following procedure.

|         |         |                    |
|---------|---------|--------------------|
| Below   | 20mV    | 20mV               |
| Between | 20~30mV | Leave it as it is. |
| Over    | 30mV    | 30mV               |

Check the +-voltage of the speaker output A (P500) and readjust with the following procedure.

|        |        |                    |
|--------|--------|--------------------|
| Within | +-10mV | Leave it as it is. |
| Over   | +-10mV | +-10mV             |

No Sound

Hookup and Setting

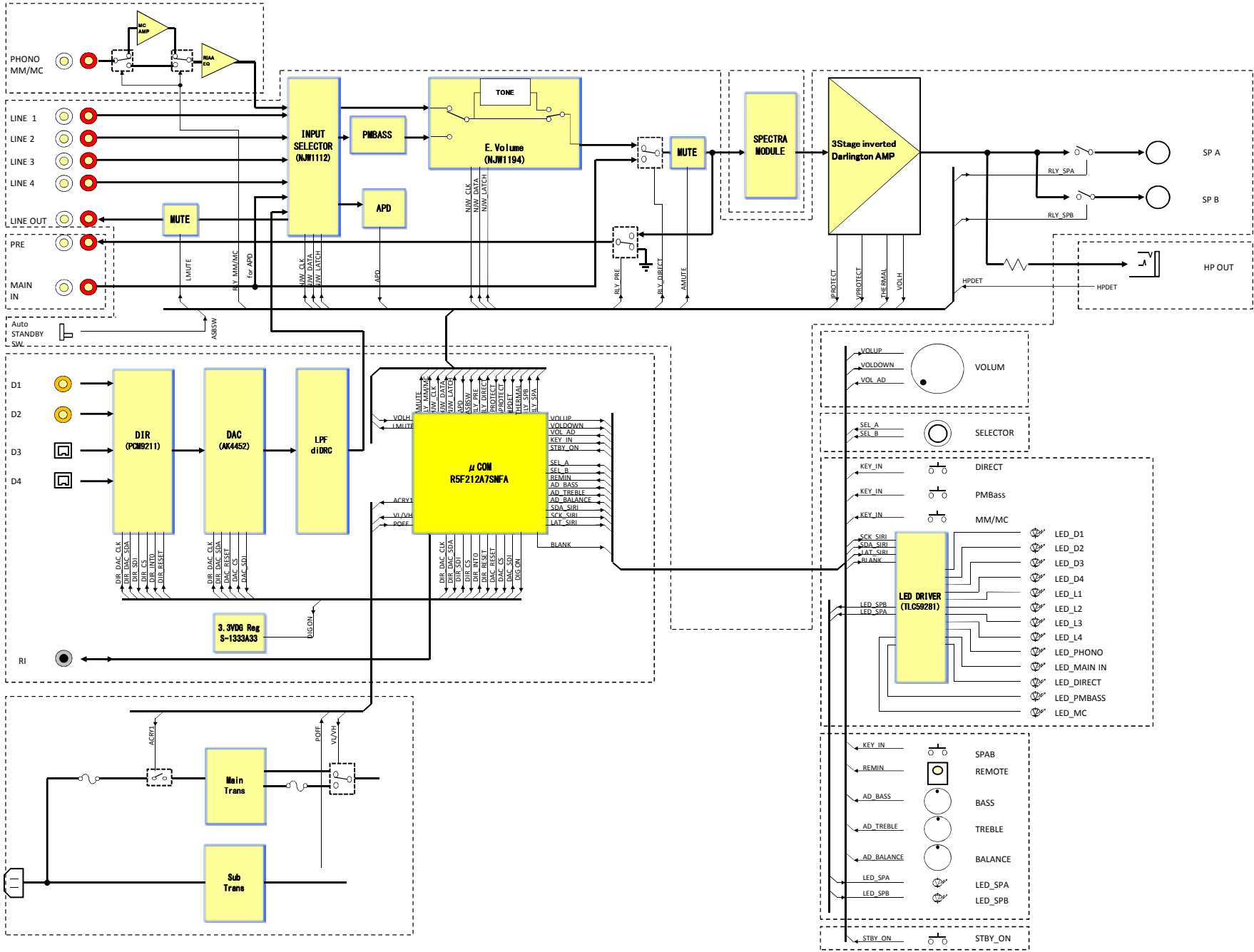
- No sound from connected player
  - ☐ Chose input selector which is assigned to connected input terminal ?
  - ☐ Isn't muting on ?
- No sound from some connected loudspeaker(s)
  - ☐ No sound loudspeaker(s) select connected speaker system(A or B)
- No problem about above items
  - ☐ Unplug power cord
    - After 10 seconds, connect power cord again
  - ☐ Reset this model

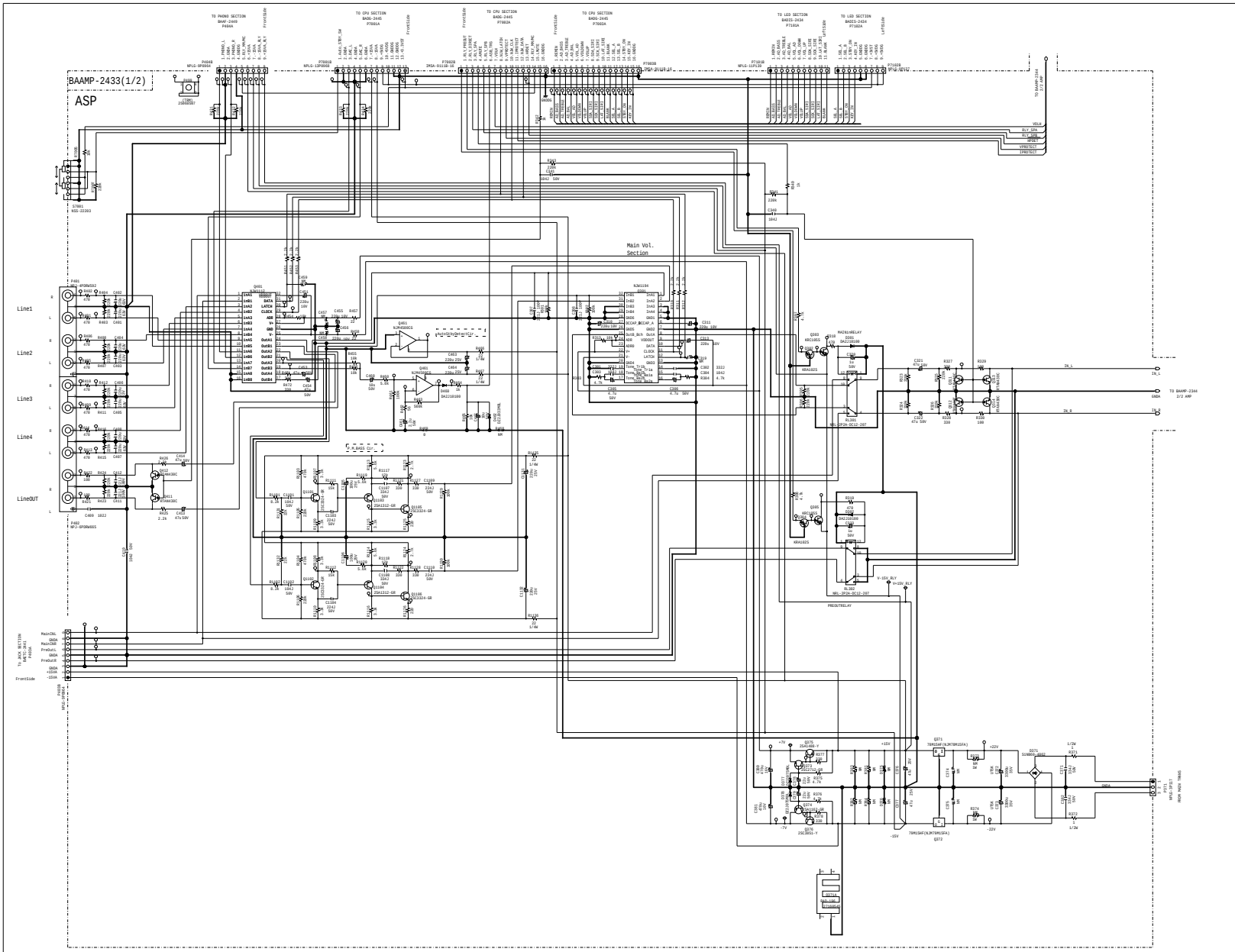
No Power

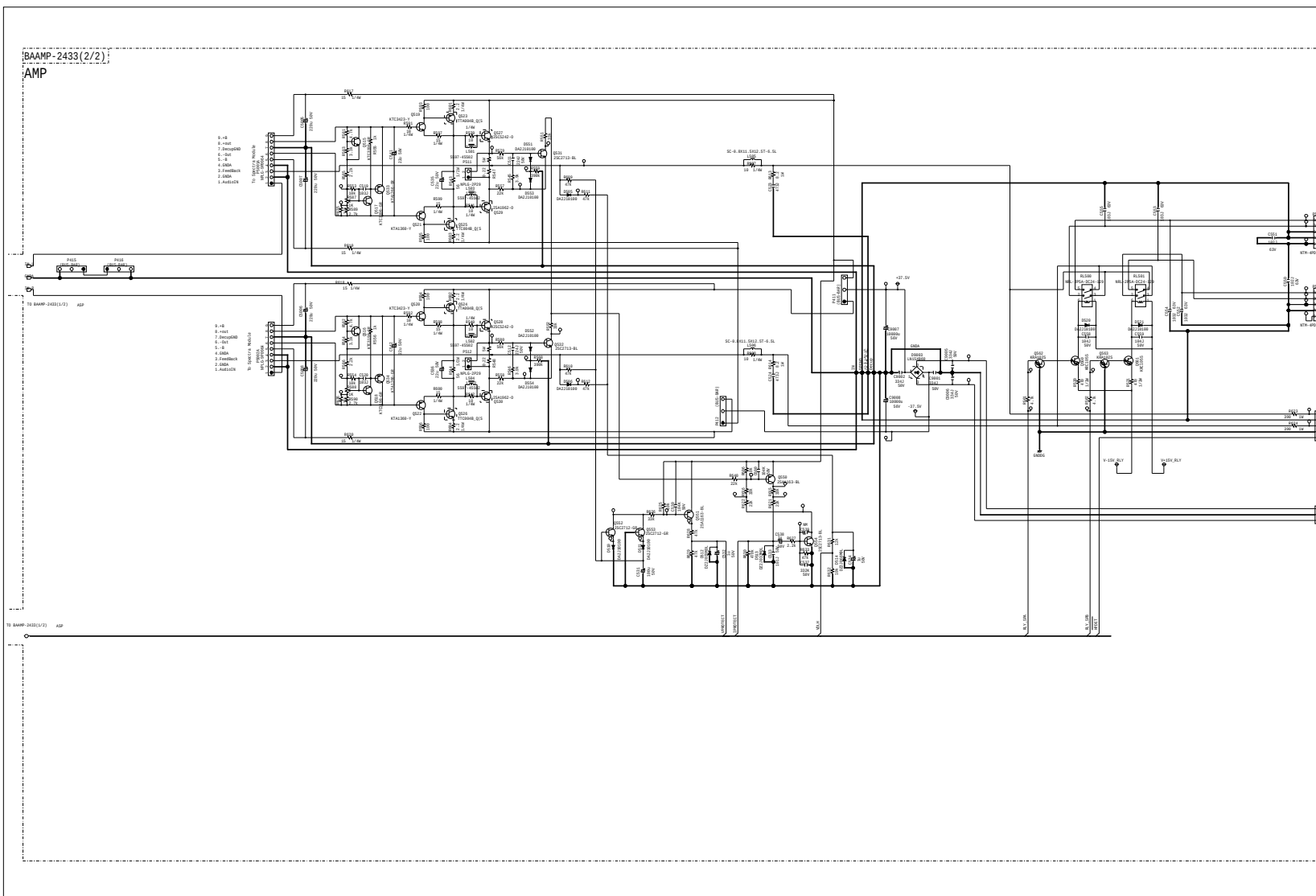
Hookup and Setting

- In general
  - ☐ Check if the connection cable is bent or twisted, damaged.
- No problem about above items
  - ☐ Unplug power cord
    - After 10 seconds, connect power cord again
  - ☐ Reset this model

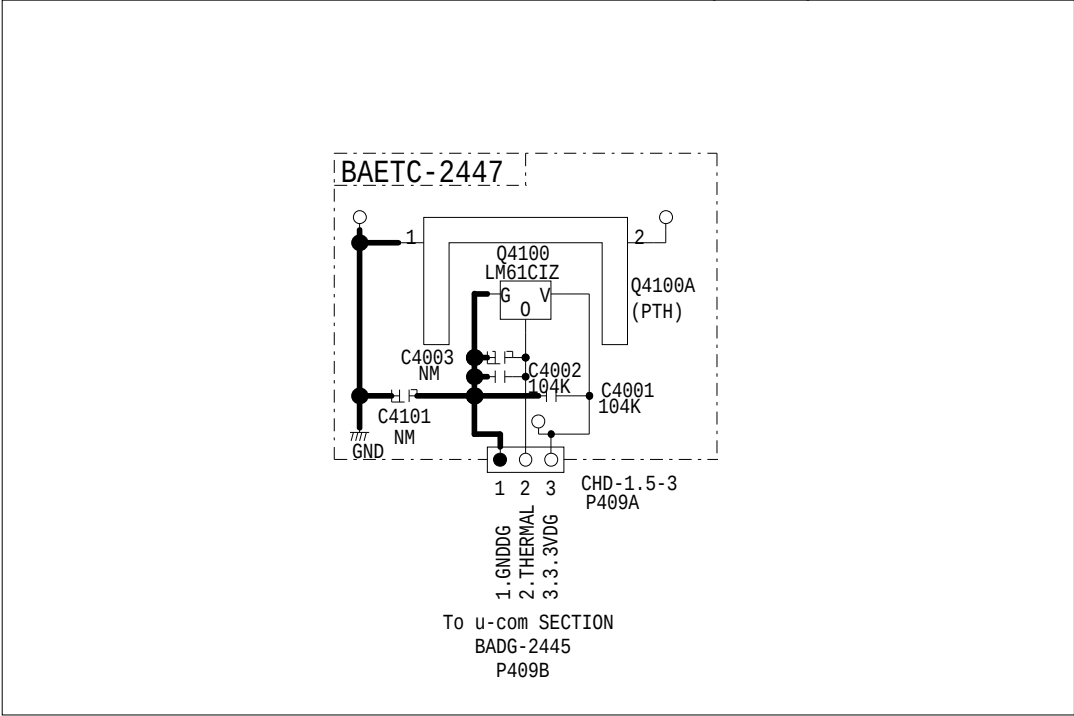






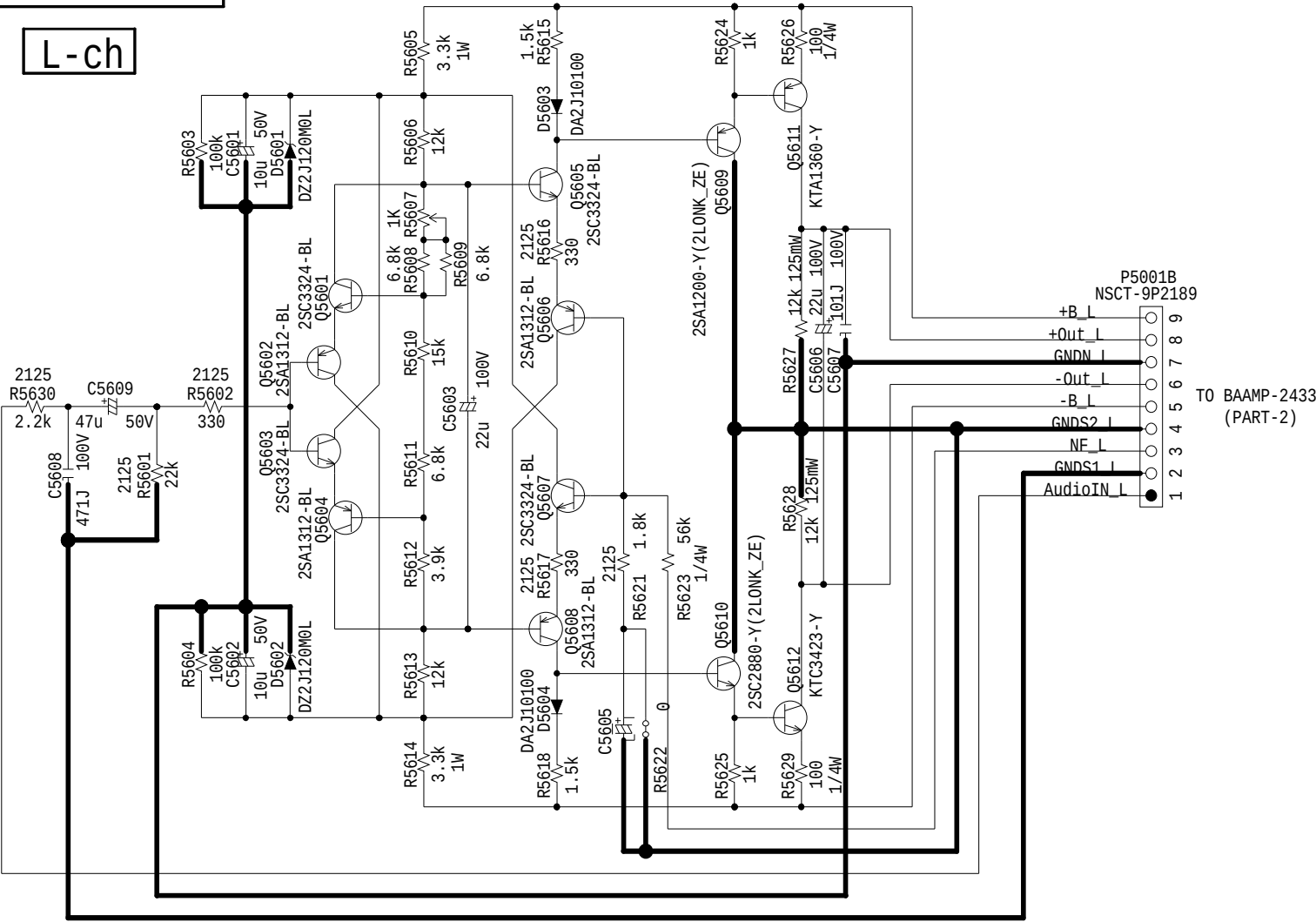


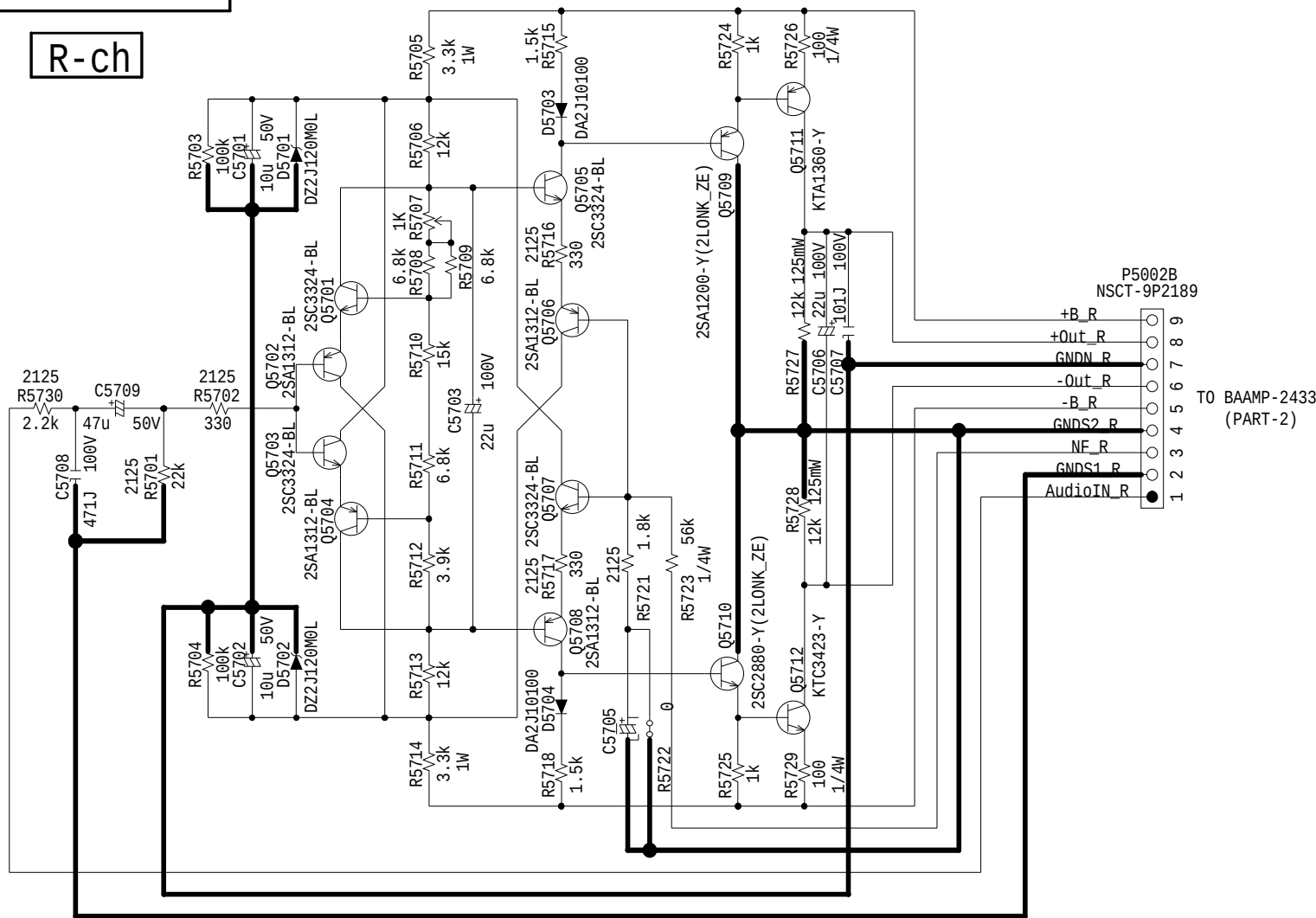
MODEL NO.A-9150 SCHEMATIC DIAGRAM (PART5) THERMAL SECTION



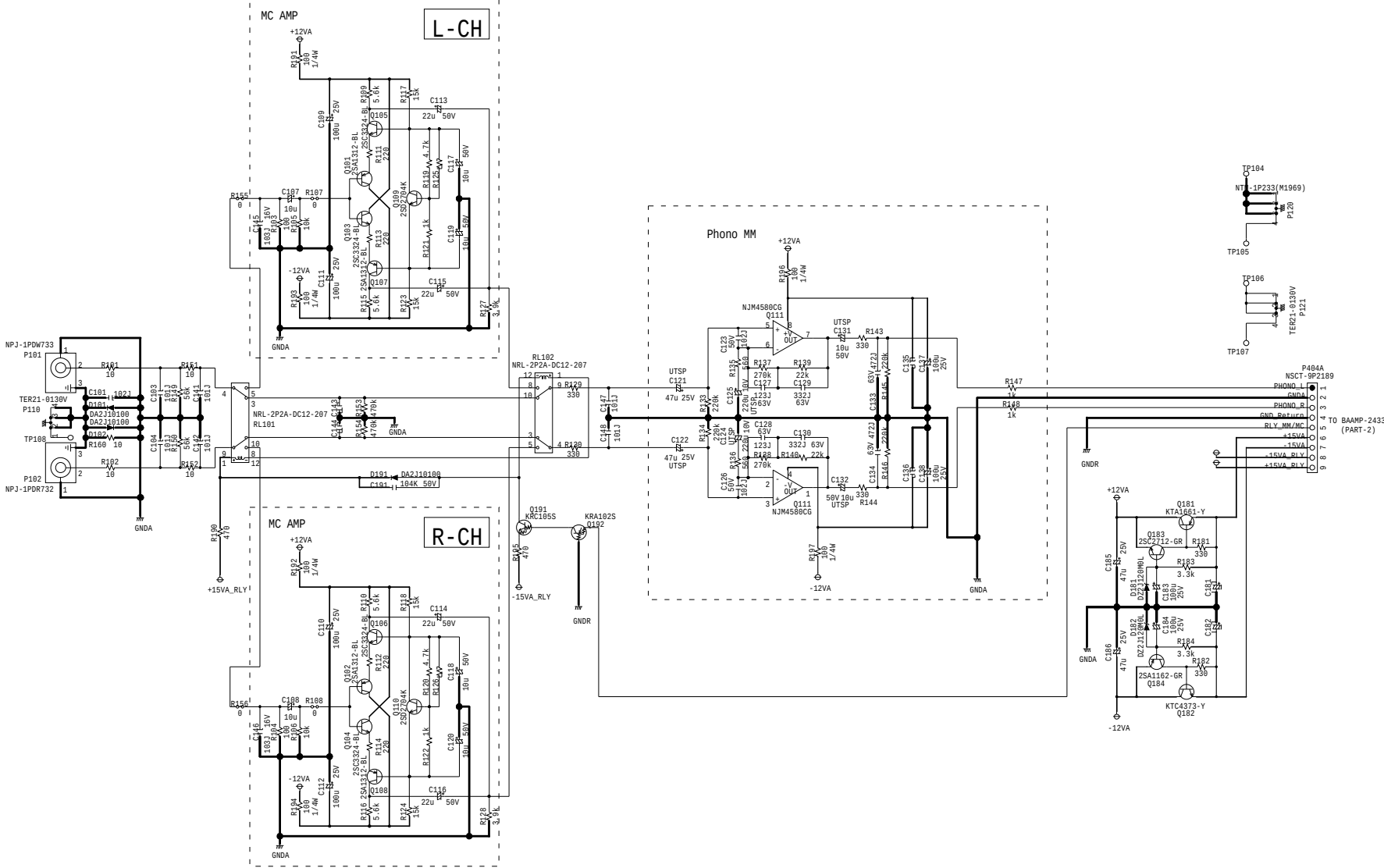
BAAMP-2443

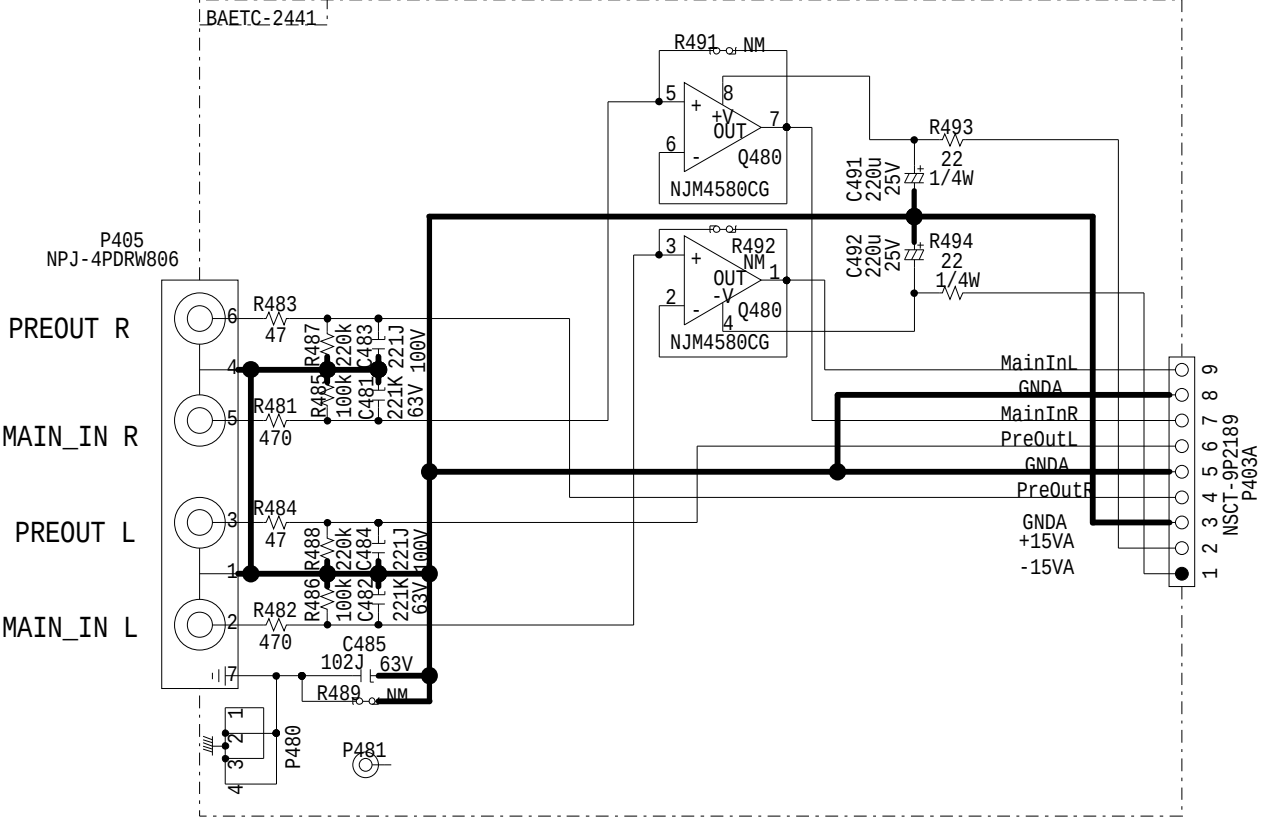
L-ch



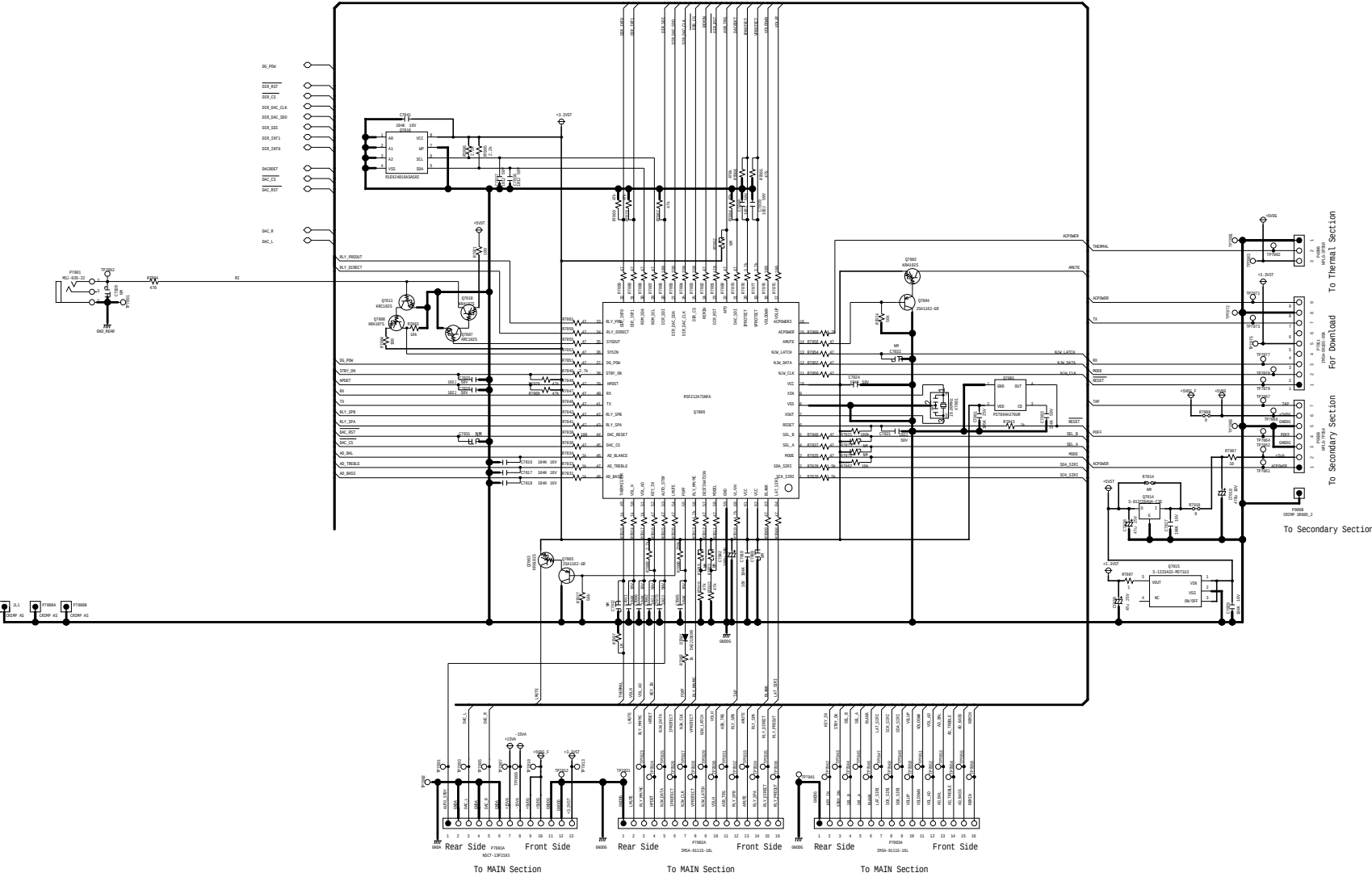


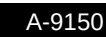
BAAF - 2449



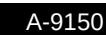


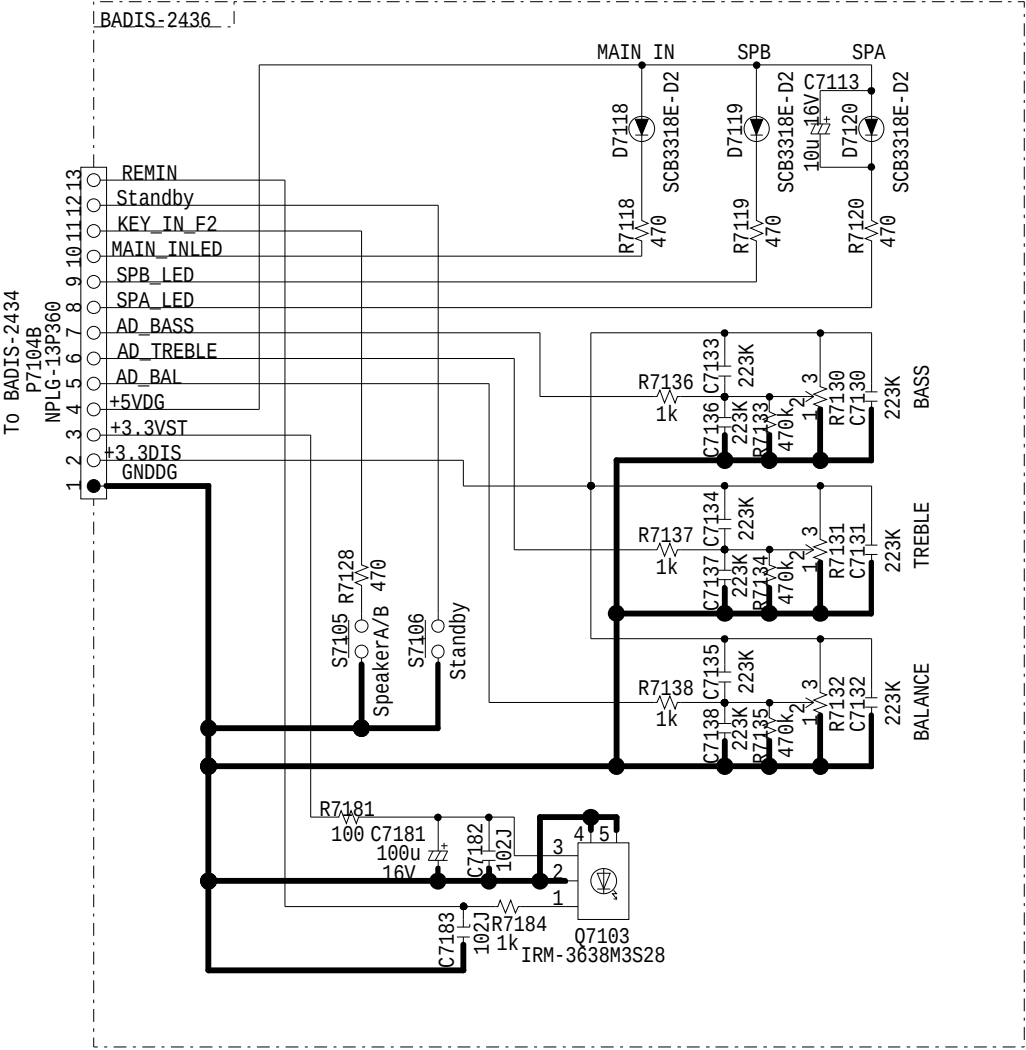


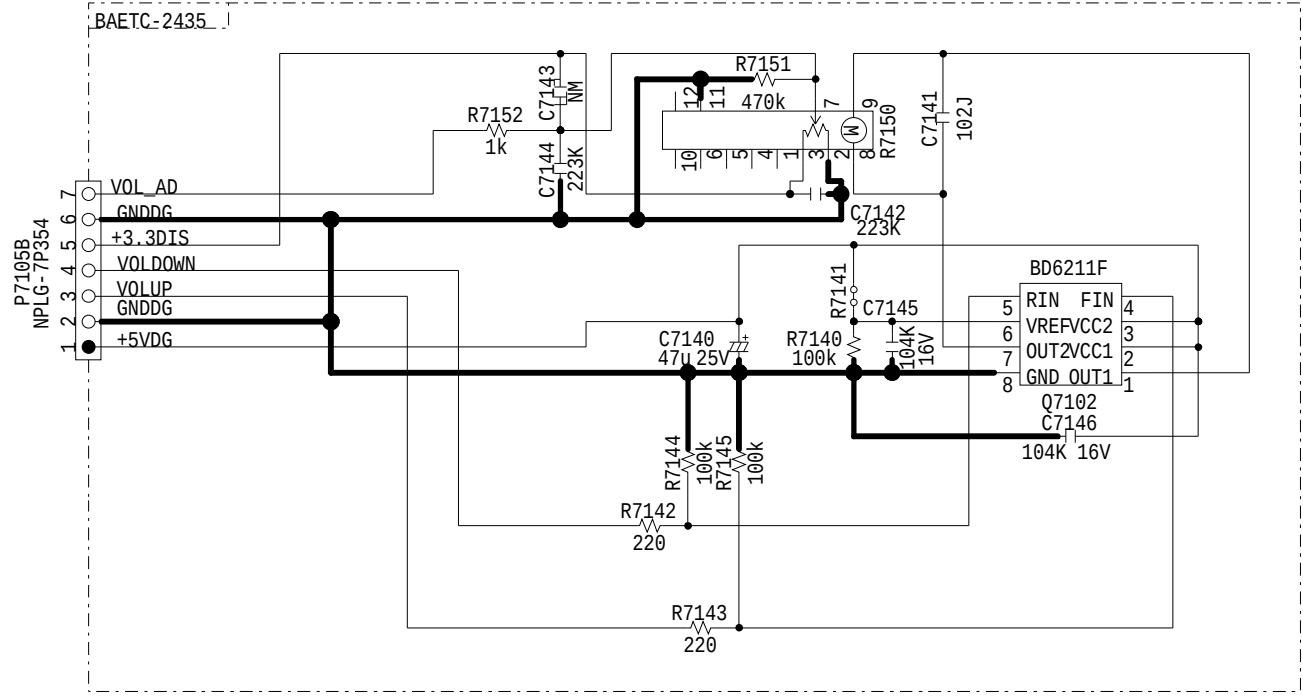




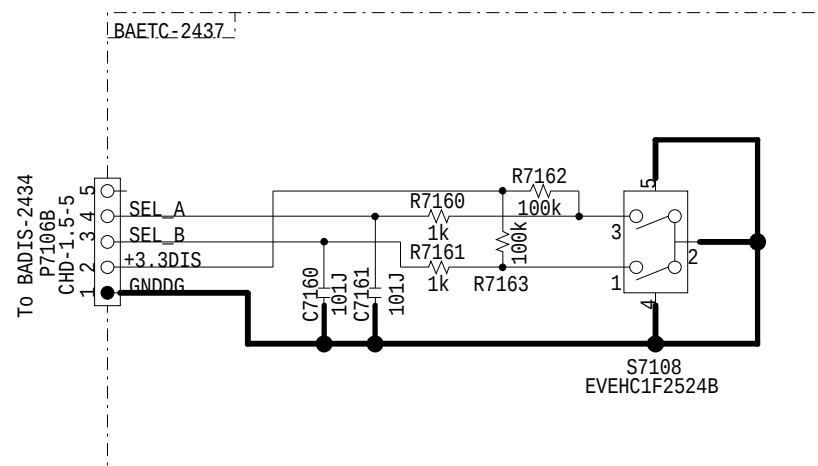
## Schematic Diagrams

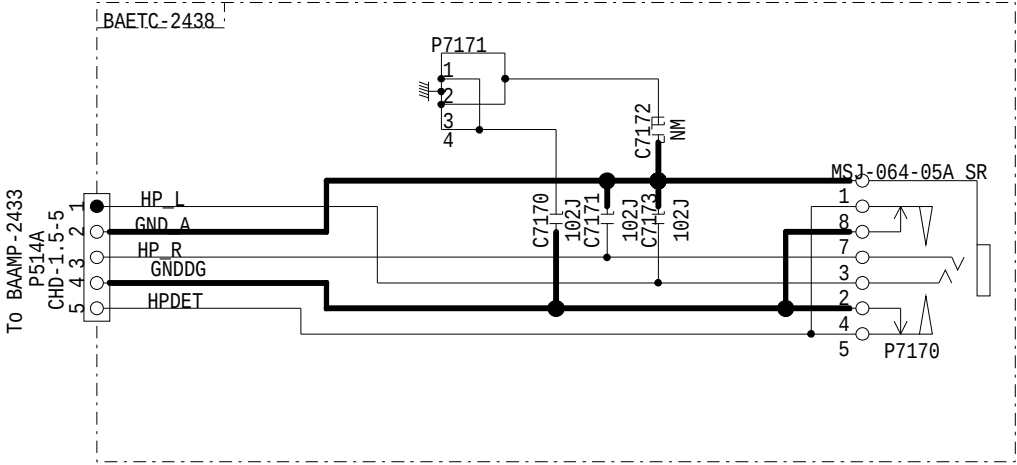


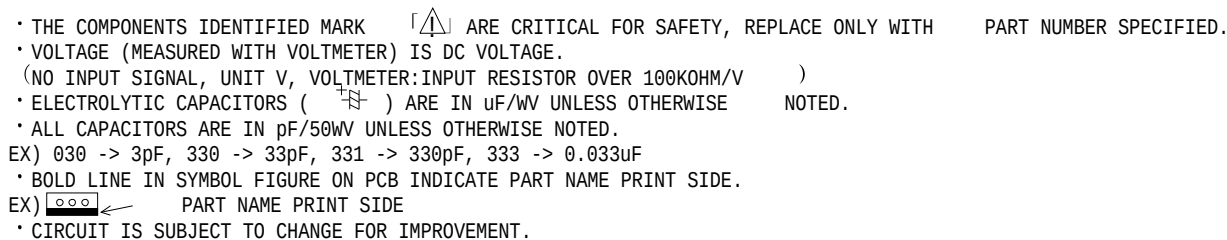




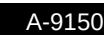
## Selector Section

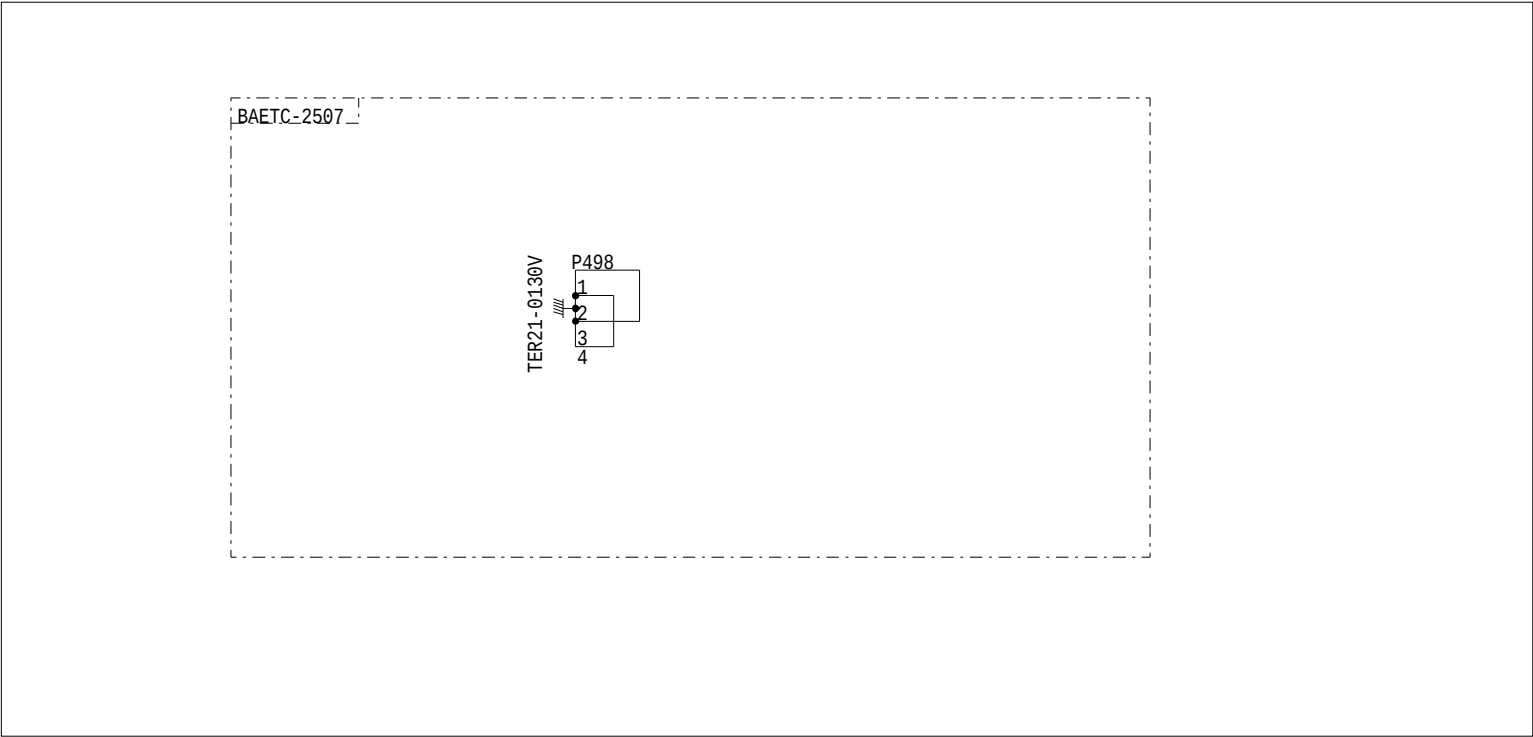


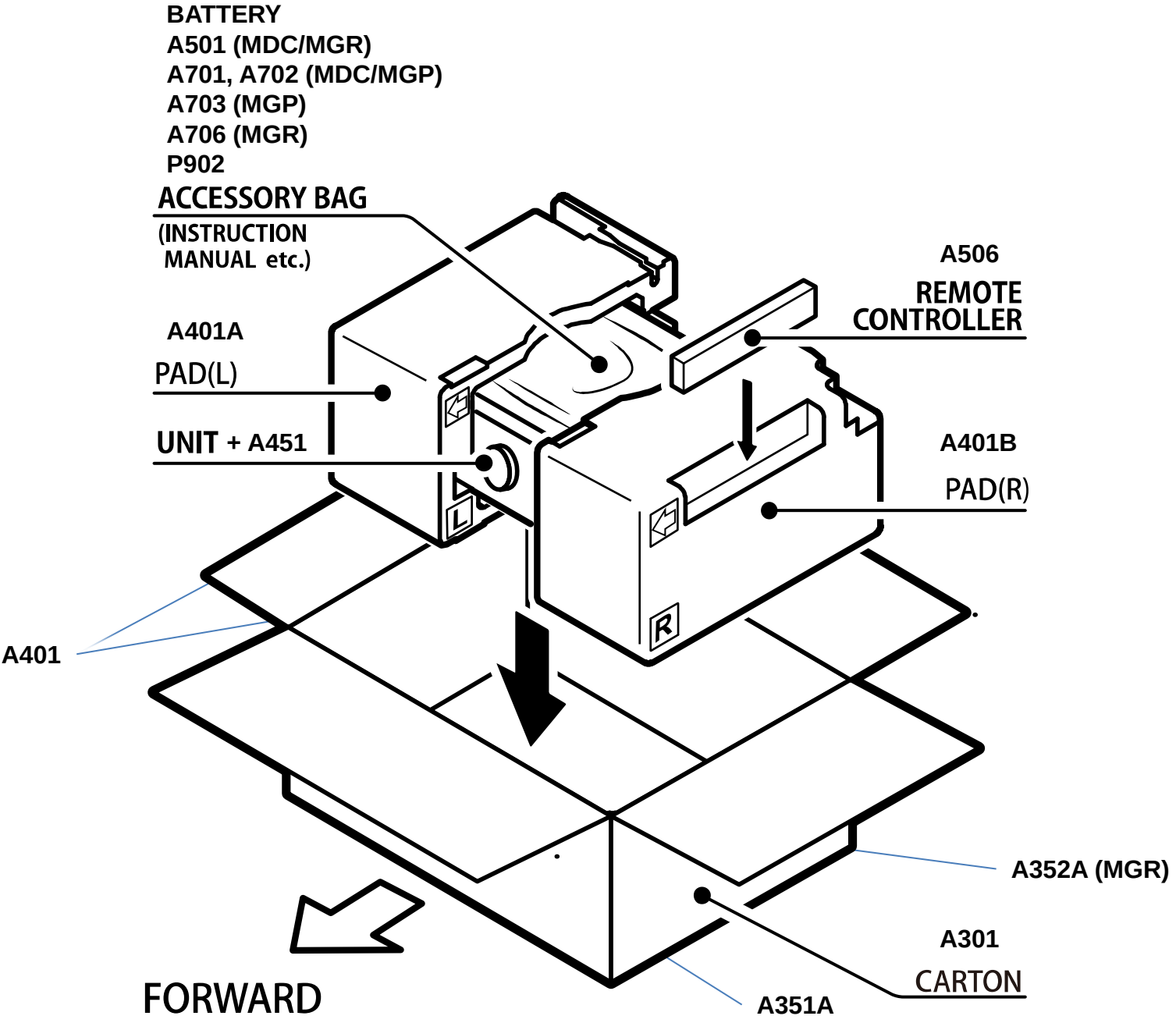






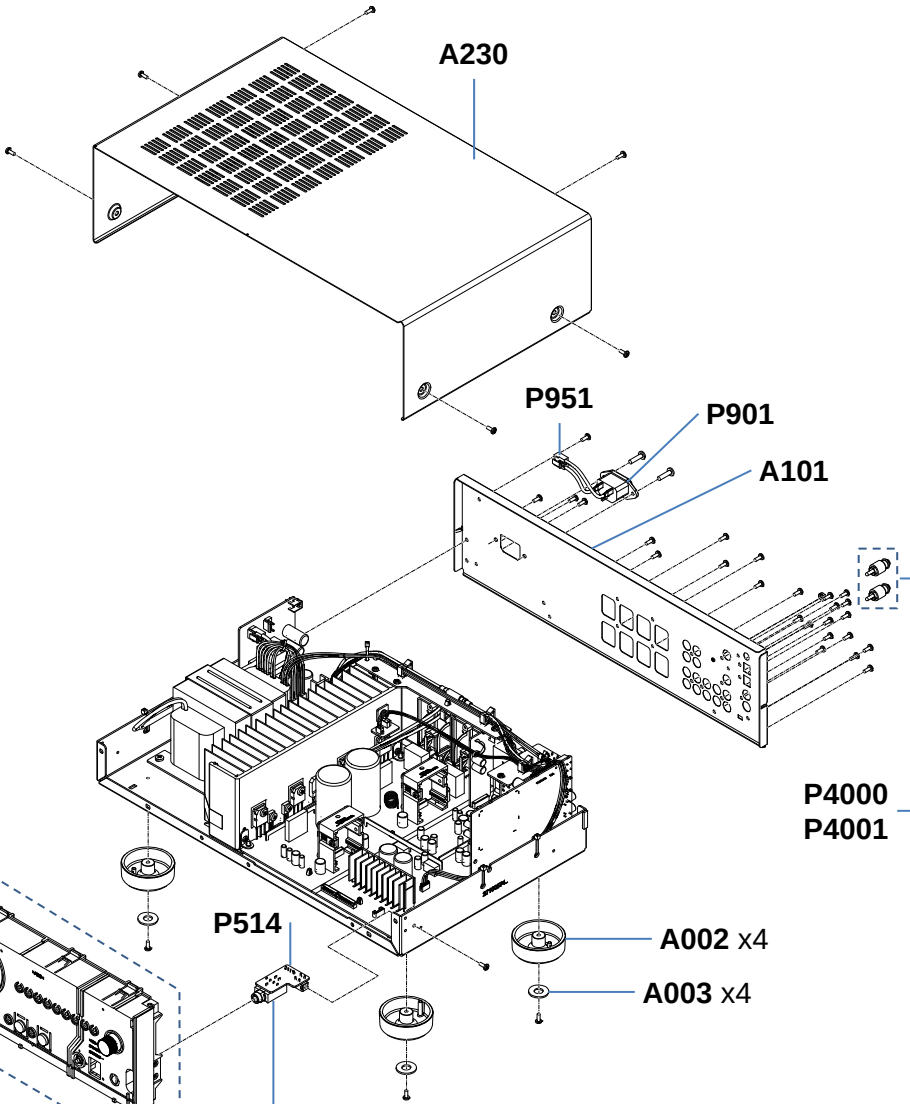
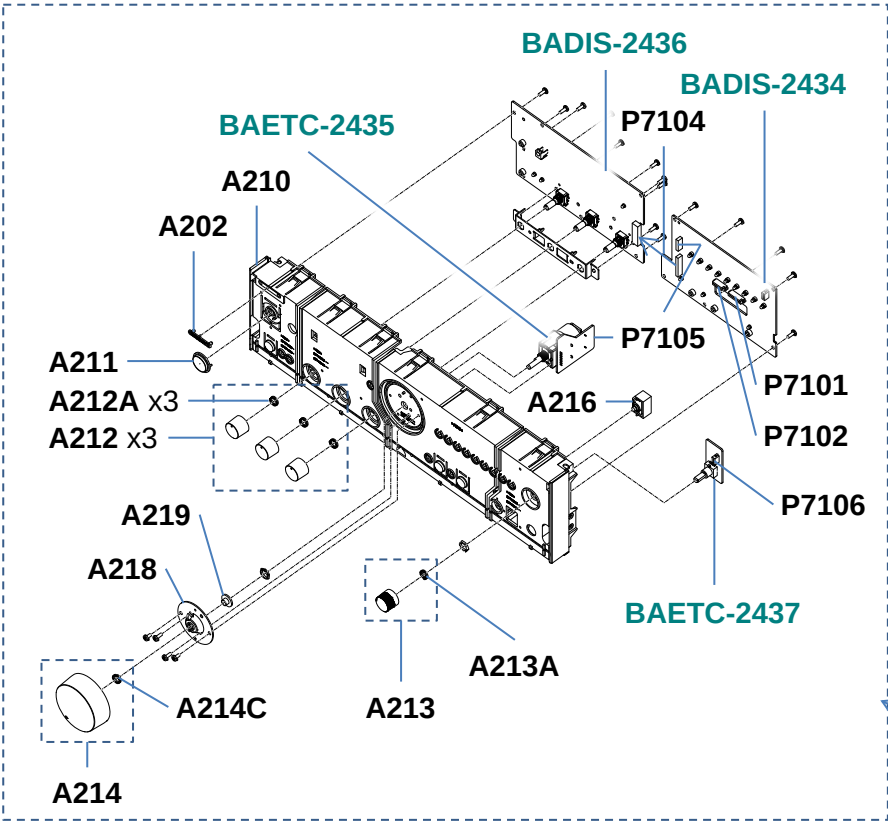






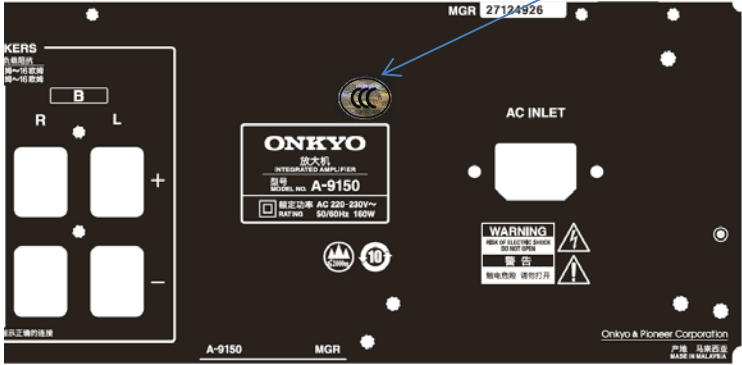
Overview, Front Section

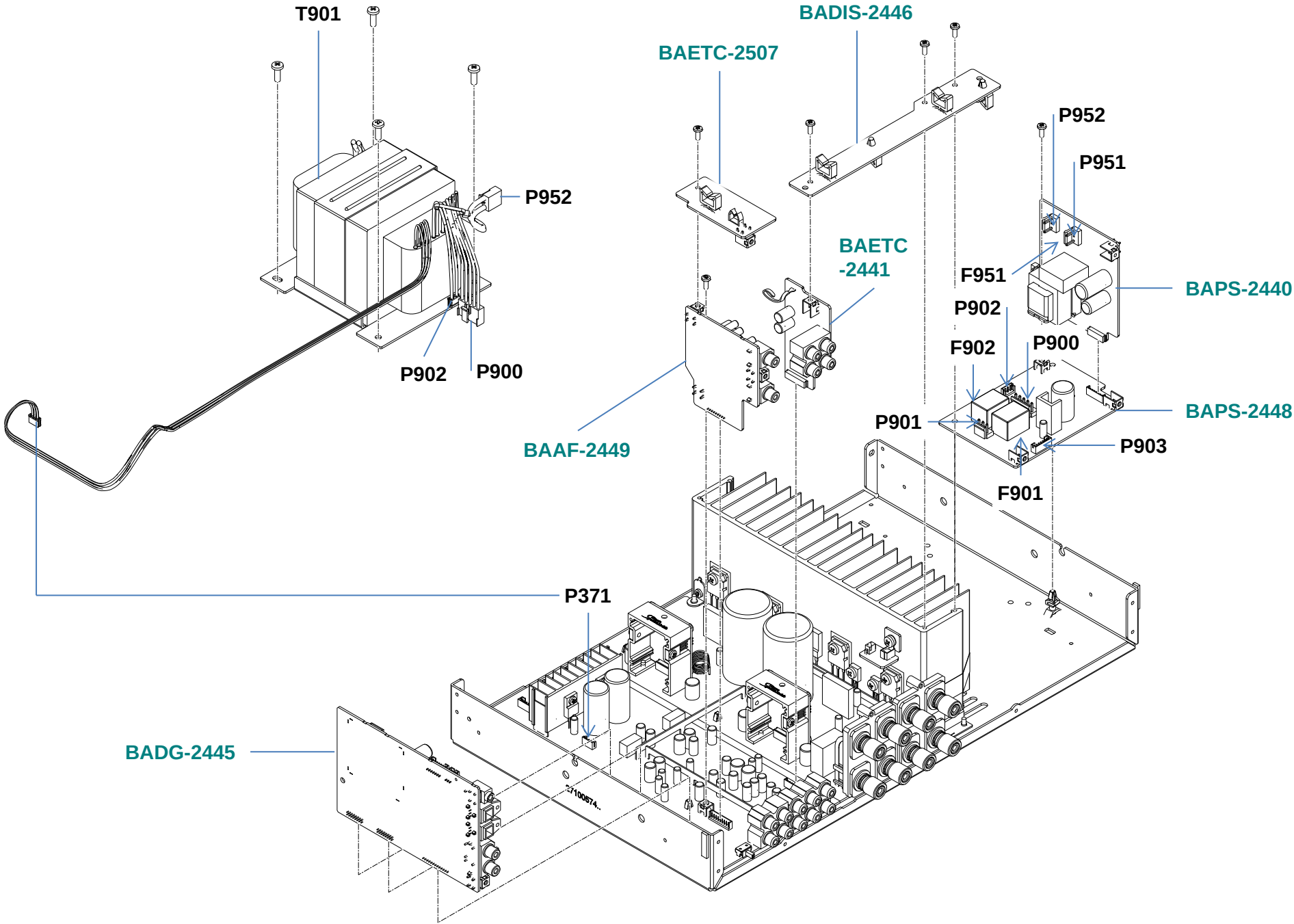
Exploded Views



Rear Panel

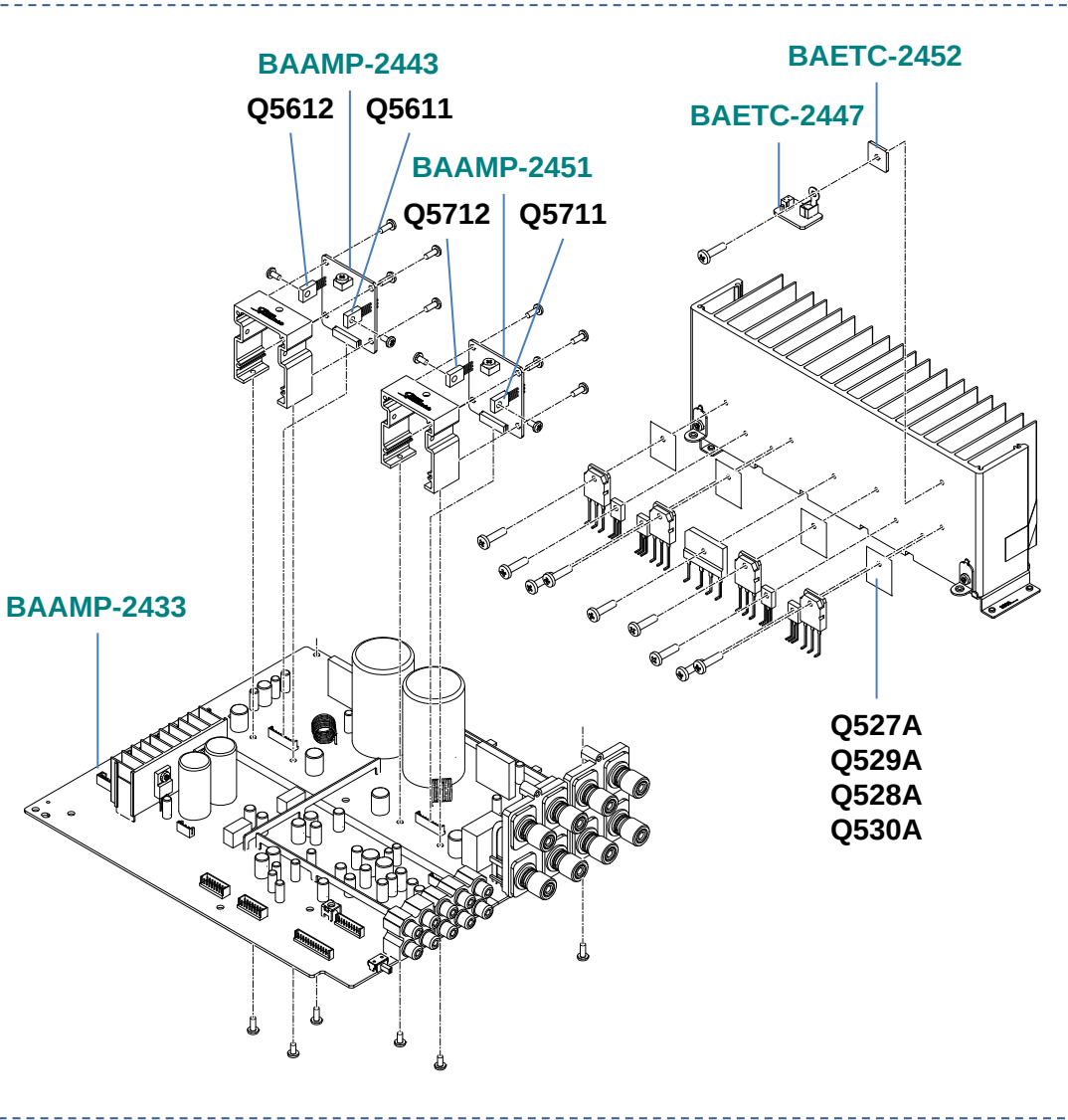
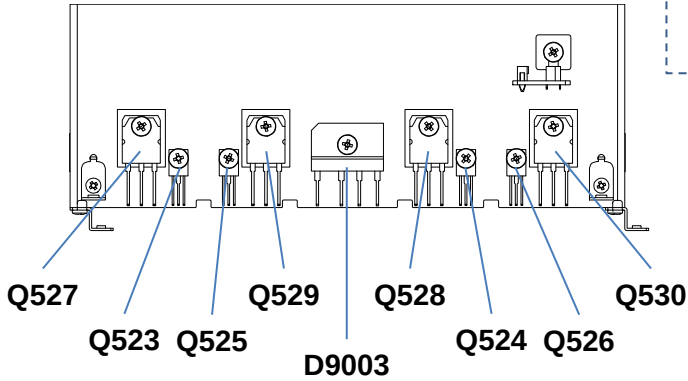
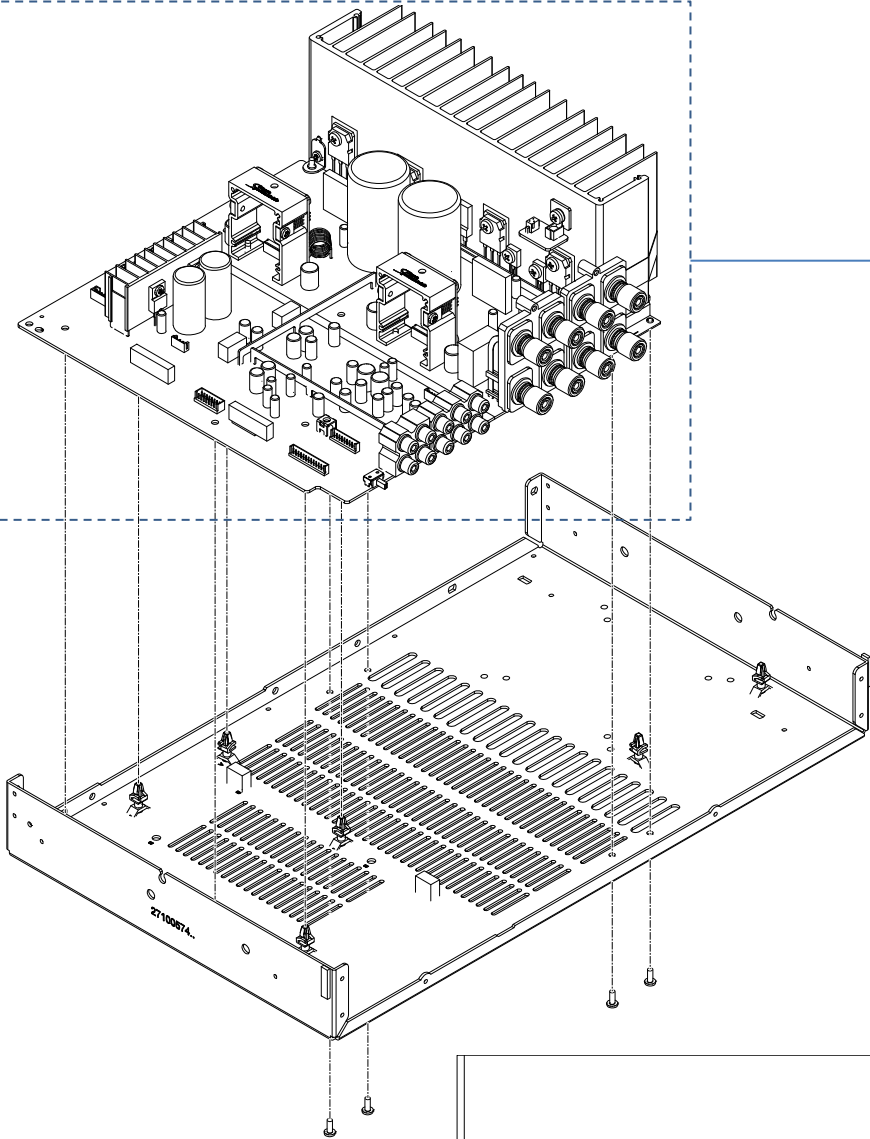
A353 (MGR)





Rear2 Section

Exploded Views



The Protection Sequence as below.

[ Voltage Protection ]

The Main MCU watch “VPROTECT” port about each 250uSec. When the MCU count twice this port error,  
The MCU will be STANDBY mode.  
When the MCU detect Voltage protection, MCU control to “LOW TAP” mode after next power on until speaker relay on  
LOW TAP mode means supplied voltage for final device of the power amplifier circuit will be supplied low voltage(About +25v).

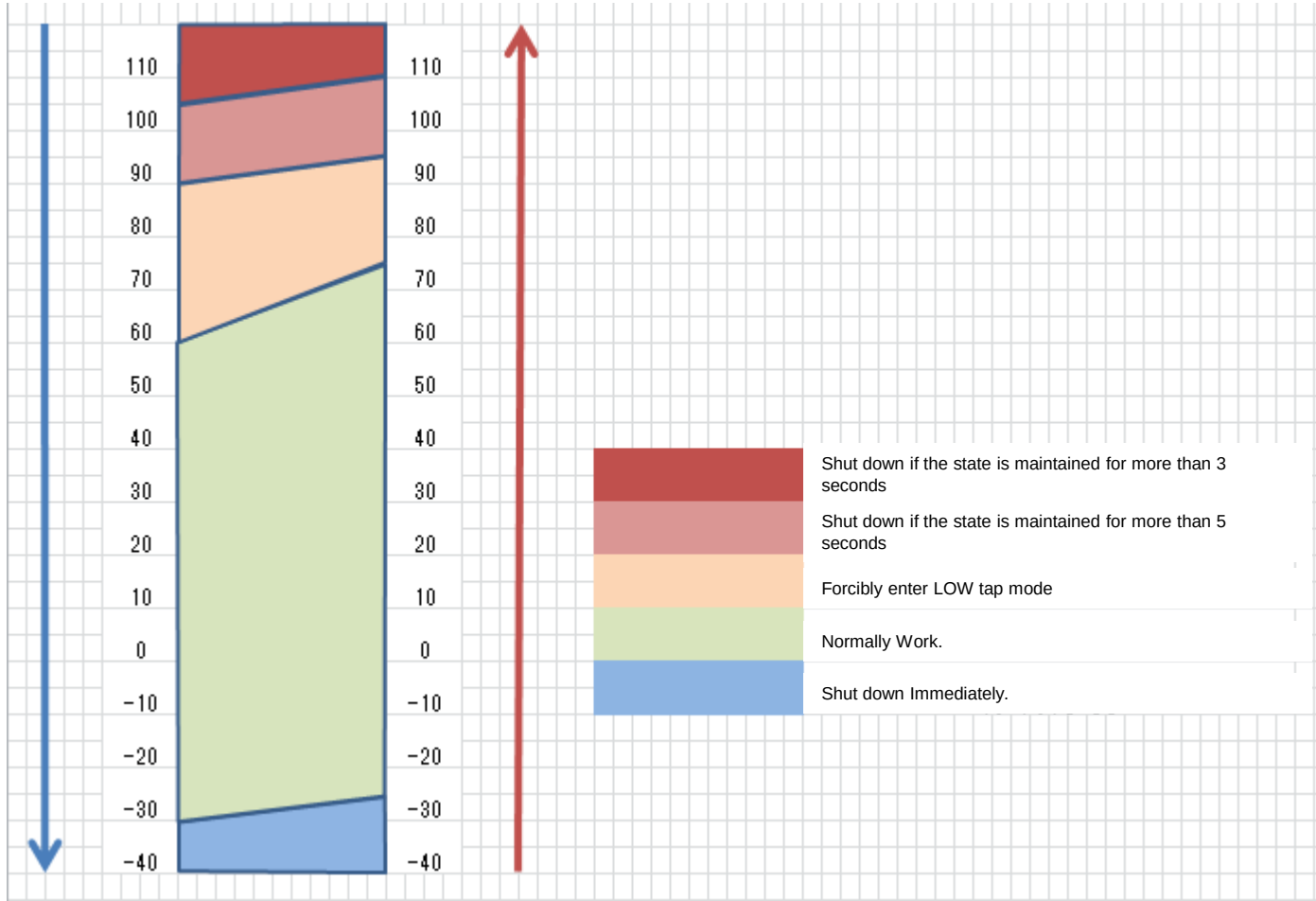
[ Current Protection]

The Main MCU watch “IPROTECT” port about each 250uSec. When the MCU count twice this port error,  
The MCU will be STANDBY mode.  
When the MCU detect Current Protection, MCU control to “LOW TAP” mode after next power on until speaker relay on.  
LOW TAP mode means supplied voltage for final device of the power amplifier circuit will be supplied low voltage(About +25v).

[ Thermal Protection ]

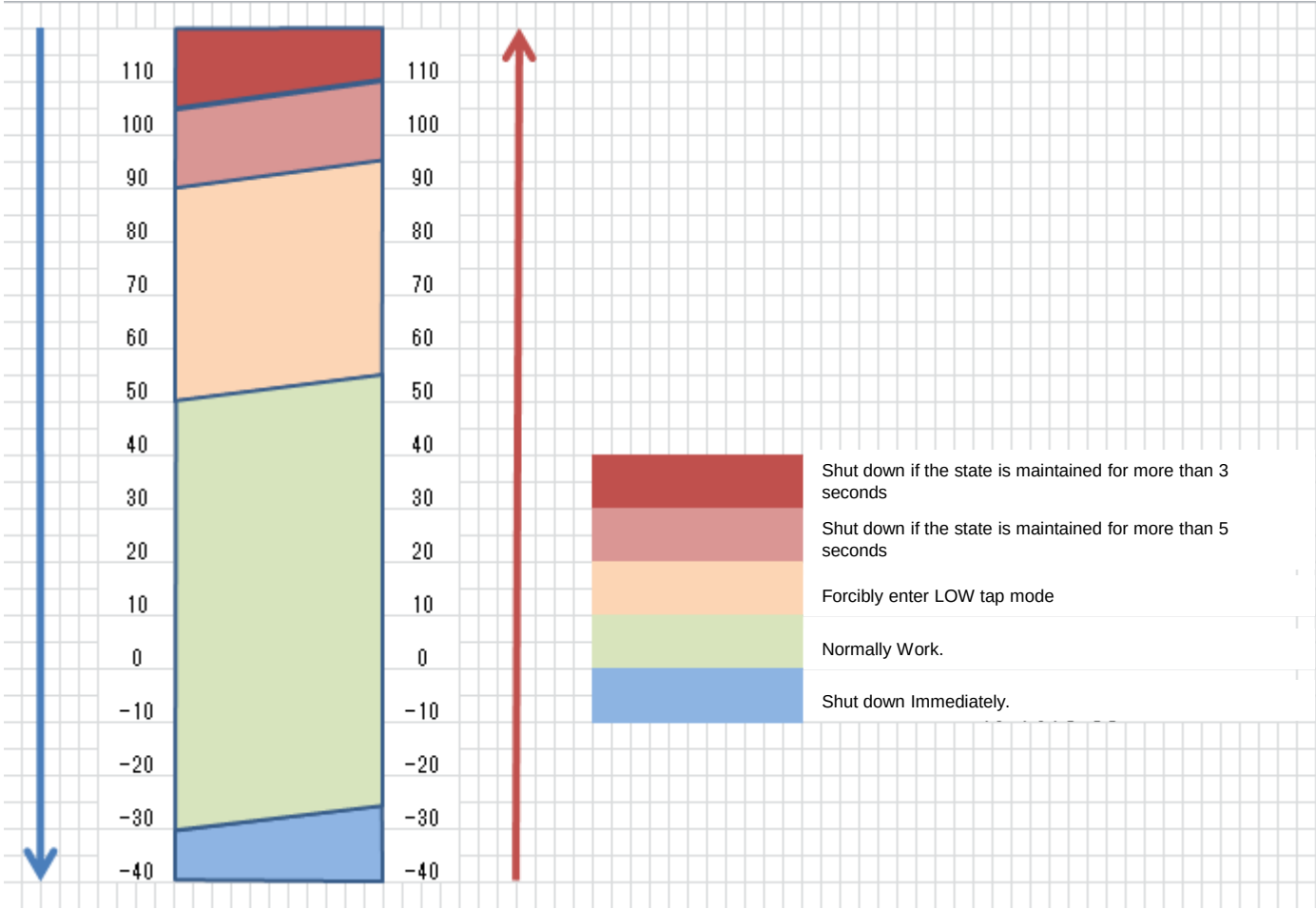
Main MCU watch the port of Thermal sensor output (P409A 2pin)

8ohm loading: (°C)





4ohm loading or Speaker A+B: (°C)



**A-9150(B)MDC**

## &lt;Note&gt;

1. Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
  2. 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.

**(B) : Black color model**

&lt;MDC&gt; : 120V

Canadian/USA/(Mexico) model

: NSP

| REF. NO.                                  | PART NAME     | DESCRIPTION        | Q'TY  | PART NO. (SN) | REMARKS      |
|-------------------------------------------|---------------|--------------------|-------|---------------|--------------|
| <b>[ Cabinet, Chassis, Screws, Nuts ]</b> |               |                    |       |               |              |
| A001                                      | CHASSIS       | .                  | 1     | 27100574C     | <b>N</b> NSP |
| A002                                      | LEG           | (B)                | 4     | 27175464      |              |
| A003                                      | CUSHION       | (ZUL)              | 4     | 28141877      |              |
| A004                                      | SCREW         | 3TTB+8B(3BC)       | 4     | 838430088GR   | NSP          |
| A005                                      | HOLDER        | KGLS-6S            | 8     | 27190011      | NSP          |
| A006                                      | CUSHION       | t5x30x10           | 2     | 28142027      | NSP          |
| A010                                      | HEAT SINK     | .                  | 1     | 27160721      | NSP          |
| A011                                      | RETAINER      | (HS-2)             | 2     | 27141530A     | NSP          |
| A012                                      | RETAINER      | (HEATSINK)B        | 2     | 27142300      | NSP          |
| A013                                      | SCREW         | 3SMH10W.SW+15B(CU) | 9     | 801606        | NSP          |
| A014                                      | SCREW         | 3TTB+8B(3BC)       | 23    | 838430088GR   | NSP          |
| A020                                      | SCREW         | 4TTC+8C(3BC)SR     | 4     | 801658        | NSP          |
| A050                                      | TAPE          | TAPE(CLOTH-8U)     | 0.09  | 29110082      | NSP          |
| A051                                      | WIRE TIE      | BSK-1              | 5     | 260208        | NSP          |
| A052                                      | HOLDER        | (CLAMP) WS-1NS     | 5     | 27190541      | NSP          |
| A054                                      | HOLDER        | (CLAMP) UA-0       | 1     | 27190432      | NSP          |
| A055                                      | TAPE          | TAPE(CLOTH-16U)    | 0.397 | 29110083      | NSP          |
| A101                                      | REAR PANEL    | A-9150 MDC         | 1     | 27124925A     | <b>N</b>     |
| A102                                      | TERMINAL      | E TERMINAL         | 1     | 25060151      | NSP          |
| A103                                      | CUSHION       | .                  | 2     | 28141799      | NSP          |
| A104                                      | SCREW         | 3TTB+8B(3BC)       | 21    | 838430088GR   | NSP          |
| A105                                      | SCREW         | 3TTB+10B(3BC)      | 4     | 838430108GR   | NSP          |
| A106                                      | SCREW         | 3TTF+10B(3BC)      | 2     | 835430108GR   | NSP          |
| A107                                      | SPACER        | .                  | 1     | 27270439      | NSP          |
| A108                                      | CUSHION       | (BUTYL)W4.4xT1.6   | 0.023 | 28141945      | NSP          |
| A109                                      | SCREW         | 3P+6FN(3BC)        | 4     | 82143006GR    | NSP          |
| A201                                      | FRONT PANEL   | A-9150(B)          | 1     | 27214006A     |              |
| A202                                      | BADGE         | (ONKYO)            | 1     | 28135338      |              |
| A203                                      | CLEAR PLATE   | RE(B)              | 1     | 28192370A     |              |
| A204                                      | FACET         | (1)                | 5     | 28200066A     |              |
| A205                                      | FACET         | (3)                | 3     | 28200067A     |              |
| A209                                      | TAPE          | TAPE(CLOTH-8U)     | 0.428 | 29110082      | NSP          |
| A210                                      | FRONT BRACKET | (AS)A-9150B        | 1     | 27111659      |              |
| A210A                                     | FRONT BRACKET | (L)A-9030B         | {1}   | 27111608B     | <b>N</b> NSP |
| A210B                                     | FRONT BRACKET | (CL)A-9030B        | {1}   | 27111609B     | <b>N</b> NSP |
| A210C                                     | FRONT BRACKET | (CR)A-9030B        | {1}   | 27111610A     | <b>N</b> NSP |
| A210D                                     | FRONT BRACKET | (R)A-9030B         | {1}   | 27111611B     | <b>N</b> NSP |
| A211                                      | KNOB          | (CAP-STBY)B        | 1     | 28327091A     |              |
| A212                                      | KNOB          | (TONE-VD)B(AS)     | 3     | 28327093A     |              |
| A212A                                     | SPRING        | .                  | {3}   | 27180575      |              |
| A213                                      | KNOB          | (INPUT)B(AS)       | 1     | 28327095A     |              |
| A213A                                     | SPRING        | .                  | {1}   | 27180575      |              |
| A214                                      | KNOB          | (VOL)AS_A9150B     | 1     | 28327399A     | <b>N</b>     |
| A214A                                     | KNOB          | (VOL-BASE)9150     | {1}   | 28327418      | <b>N</b> NSP |

|                                |                   |                  |       |             |      |     |
|--------------------------------|-------------------|------------------|-------|-------------|------|-----|
| A214B                          | KNOB              | (VOL-CAP)A9150B  | {1}   | 28327397    | N    | NSP |
| A214C                          | SPRING            | .                | {1}   | 27180575    |      |     |
| A216                           | KNOB              | (PH-B)AS         | 1     | 28327394    | N    |     |
| A216A                          | KNOB              | (PH-BASE)        | {1}   | 28327391    | N    | NSP |
| A216B                          | KNOB              | (PH-CAP)B        | {1}   | 28327392    | N    | NSP |
| A218                           | RETAINER          | (VOL)            | 1     | 27142377A   | N    | NSP |
| A219                           | SPACER            | (VOL)            | 1     | 27270584    |      | NSP |
| A220                           | SCREW             | 3TTB+8B(3BC)     | 15    | 838430088GR |      | NSP |
| A221                           | SCREW             | 3TTB+8B(3BC)     | 14    | 838430088GR |      | NSP |
| A222                           | CUSHION           | (BUTYL)W4.4xT1.6 | 0.015 | 28141945    |      | NSP |
| A230                           | COVER             | (B) (Bent)       | 1     | 28210114    | N    |     |
| A230                           | COVER             | (B) (Not Bent)   | 1     | 28210114Z   | N    |     |
| A231                           | CUSHION           | HIMELON          | 3     | 28141934    |      | NSP |
| A232                           | SCREW             | 3TTB+8B(3BC)     | 6     | 838430088GR |      | NSP |
| A252                           | CUSHION           | (BUTYL)W4.4xT1.6 | 0.01  | 28141945    |      | NSP |
| [ Semi-conductors ]            |                   |                  |       |             |      |     |
| D9003                          | DIODE             | LN15XB60         | 1     | 22380347    |      |     |
| Q523                           | TRANSISTOR        | TTA004B_Q(S      | 1     | 2218012     |      |     |
| Q524                           | TRANSISTOR        | TTA004B_Q(S      | 1     | 2218012     |      |     |
| Q525                           | TRANSISTOR        | TTC004B_Q(S      | 1     | 2218022     |      |     |
| Q526                           | TRANSISTOR        | TTC004B_Q(S      | 1     | 2218022     |      |     |
| Q527                           | TRANSISTOR        | 2SC5242-O        | 1     | 2202843     |      |     |
| Q527or                         | TRANSISTOR        | 2SC5242-R        | (1)   | 2202842     |      |     |
| Q527A                          | ISO SHEET         | AC238            | 1     | 223024      |      |     |
| Q528                           | TRANSISTOR        | 2SC5242-O        | 1     | 2202843     |      |     |
| Q528or                         | TRANSISTOR        | 2SC5242-R        | (1)   | 2202842     |      |     |
| Q528A                          | ISO SHEET         | AC238            | 1     | 223024      |      |     |
| Q529                           | TRANSISTOR        | 2SA1962-O        | 1     | 2202833     |      |     |
| Q529or                         | TRANSISTOR        | 2SA1962-R        | (1)   | 2202832     |      |     |
| Q529A                          | ISO SHEET         | AC238            | 1     | 223024      |      |     |
| Q530                           | TRANSISTOR        | 2SA1962-O        | 1     | 2202833     |      |     |
| Q530or                         | TRANSISTOR        | 2SA1962-R        | (1)   | 2202832     |      |     |
| Q530A                          | ISO SHEET         | AC238            | 1     | 223024      |      |     |
| Q5611                          | TRANSISTOR        | KTA1360-Y        | 1     | 2204250     |      |     |
| Q5611A                         | SCREW             | 3P+6FN(3BC)      | 1     | 82143006GR  |      | NSP |
| Q5611B                         | HEAT SINK         | (S)              | 1     | 27160723    | N    | NSP |
| Q5612                          | TRANSISTOR        | KTC3423-Y        | 1     | 2204240     |      |     |
| Q5612A                         | SCREW             | 3P+6FN(3BC)      | 1     | 82143006GR  |      | NSP |
| Q5711                          | TRANSISTOR        | KTA1360-Y        | 1     | 2204250     |      |     |
| Q5711A                         | SCREW             | 3P+6FN(3BC)      | 1     | 82143006GR  |      | NSP |
| Q5711B                         | HEAT SINK         | (S)              | 1     | 27160723    | N    | NSP |
| Q5712                          | TRANSISTOR        | KTC3423-Y        | 1     | 2204240     |      |     |
| Q5712A                         | SCREW             | 3P+6FN(3BC)      | 1     | 82143006GR  |      | NSP |
| [ Transformers, Coils ]        |                   |                  |       |             |      |     |
| T901                           | POWER TRANSFORMER | NPT-1688D        | 1     | 2302197     | I, N |     |
| [ Switches, Terminals, Wires ] |                   |                  |       |             |      |     |
| F901                           | FUSE              | 10A-T/UL-ST2     | 1     | 252333GR    |      | !   |
| F901or                         | FUSE              | 10A-UL/T-233     | (1)   | 252330GR    |      | !   |
| F902                           | FUSE              | 10A-T/UL-ST2     | 1     | 252333GR    |      | !   |
| F902or                         | FUSE              | 10A-UL/T-233     | (1)   | 252330GR    |      | !   |
| F951                           | FUSE              | 3.15A-T/UL-ST2   | 1     | 252256GR    |      | !   |
| F951or                         | FUSE              | 3.15A-UL/T-233   | (1)   | 252323GR    |      | !   |
| F951A                          | LABEL             | 3.15A/125V       | 1     | 29361779    |      |     |
| P4000                          | SHORT PIN         | RC04PL001N       | 1     | 25053653    | N    |     |
| P4001                          | SHORT PIN         | RC04PL001N       | 1     | 25053653    | N    |     |

|                     |                                               |                      |     |                |        |
|---------------------|-----------------------------------------------|----------------------|-----|----------------|--------|
| P901                | AC INLET                                      | R301X2PSn            | 1   | 25053358       | !      |
| P901A               | FASTON ASSEMBLY                               | FASTON SOCKET        | 1   | 1F999037       | NSP    |
| [ Frontend, Units ] |                                               |                      |     |                |        |
| U010                | PARENT PC BOARD AS                            | BAAMP-2433-1A-P      | 1   | 1B5142433-1A   | Parent |
|                     | BAAMP-2433 Amplifier circuit pc board AS      | BAAMP-2433-1A        | 1   | 1B5142433-1A-C | Child  |
|                     | BAETC-2447 Et cetra pc board AS               | BAETC-2447-1A        | 1   | 1B5142447-1A-C | Child  |
|                     | BAETC-2452 Et cetra pc board AS               | BAETC-2452-1A        | 1   | 1B5142452-1A-C | Child  |
|                     | BAETC-2507 Et cetra pc board AS               | BAETC-2507-1A        | 1   | 1B5142507-1A-C | Child  |
| U020                | PARENT PC BOARD AS                            | BADIS-2434-1C-P      | 1   | 1B5142434-1C   | Parent |
|                     | BADIS-2434 Display circuit pc board AS        | BADIS-2434-1C        | 1   | 1B5142434-1C-C | Child  |
|                     | BAETC-2435 Et cetra pc board AS               | BAETC-2435-1C        | 1   | 1B5142435-1C-C | Child  |
|                     | BADIS-2436 Display circuit pc board AS        | BADIS-2436-1C        | 1   | 1B5142436-1C-C | Child  |
|                     | BAETC-2437 Et cetra pc board AS               | BAETC-2437-1C        | 1   | 1B5142437-1C-C | Child  |
|                     | BAETC-2438 Et cetra pc board AS               | BAETC-2438-1C        | 1   | 1B5142438-1C-C | Child  |
|                     | BAPS-2440 Power supply circuit pc board AS    | BAPS-2440-1C         | 1   | 1B5142440-1C-C | Child  |
|                     | BAETC-2441 Et cetra pc board AS               | BAETC-2441-1C        | 1   | 1B5142441-1C-C | Child  |
|                     | BAETC-2446 Et cetra pc board AS               | BAETC-2446-1C        | 1   | 1B5142446-1C-C | Child  |
|                     | BAPS-2448 Power supply circuit pc board AS    | BAPS-2448-1C         | 1   | 1B5142448-1C-C | Child  |
| U030                | PARENT PC BOARD AS                            | BADG-2445-1A-P       | 1   | 1B5142445-1A   | Parent |
|                     | BADG-2445 Digital circuit pc board AS         | BADG-2445-1A         | 1   | 1B5142445-1A-C | Child  |
|                     | BAAMP-2443 Amplifier circuit pc board AS      | BAAMP-2443-1A        | 1   | 1B5142443-1A-C | Child  |
|                     | BAAF-2444 Audio frequency circuit pc board AS | BAAF-2444-1A         | 1   | 1B5142444-1A-C | Child  |
|                     | BAAF-2449 Audio frequency circuit pc board AS | BAAF-2449-1A         | 1   | 1B5142449-1A-C | Child  |
|                     | BAAMP-2451 Amplifier circuit pc board AS      | BAAMP-2451-1A        | 1   | 1B5142451-1A-C | Child  |
| [ Packing ]         |                                               |                      |     |                |        |
| A301                | CARTON                                        | A-9150 MDC           | 1   | 29055811       |        |
| A311                | POLYPROPYLENE TAPE                            | W50mm                | 1.5 | 29110200       | NSP    |
| A351A               | UPC LABEL                                     | A-9150(B)MDC         | 1   | 29393633       | N      |
| A401                | PAD                                           | (AS)A-9030           | 1   | 29092628C      | N      |
| A401A               | PAD                                           | (L)A-9030            | {1} | 29092629B      | N      |
| A401B               | PAD                                           | (R)A-9030            | {1} | 29092630C      | N      |
| A451                | SHEET                                         | 1300*650             | 1   | 29096147       |        |
| A452                | TAPE                                          | (SEROHAN)NITTO NO.29 | 0.2 | 29110149       | NSP    |
| [ Accessories ]     |                                               |                      |     |                |        |
| A501                | WARRANTY CARD                                 | (ONKYO)              | 1   | 29365156       |        |
| A506                | REMOTE CONTROL TRANSMITTER                    | RC-959S              | 1   | 24140959       |        |
| A507                | BATTERY                                       | R03/AAA(UM-4)        | 2   | 3010124        | NSP    |
| A701                | INSTRUCTION MANUAL                            | En(A-9150)           | 1   | 29402928       | N      |
| A702                | INSTRUCTION MANUAL                            | U2FrEs(A-9150)       | 1   | 29402929       | N      |
| A707                | SHEET                                         | (FLYER-US (P) 2015)  | 1   | 29380168       | NSP    |
| A711                | POLY BAG                                      | (W250xD350)LDPE      | 1   | 29100272       | NSP    |
| A712                | TAPE                                          | (SEROHAN)NITTO NO.29 | 0.1 | 29110149       | NSP    |
| P902                | POWER SUPPLY CORD                             | AS-UC-2              | 1   | 253352ATES     | !      |

## BAAMP-2433-1A

## &lt;Note&gt;

1. Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
  2. 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.

: NSP

| REF. NO.            | PART NAME       | DESCRIPTION         | Q'TY | PART NO. (SN) | REMARKS |
|---------------------|-----------------|---------------------|------|---------------|---------|
| [ Semi-conductors ] |                 |                     |      |               |         |
| D301                | CHIP TYPE DIODE | DA2J10100           | 1    | 223303R2      | NSP     |
| D302                | CHIP TYPE DIODE | DA2J10100           | 1    | 223303R2      | NSP     |
| D371                | CHIP TYPE DIODE | S1NB60-4062         | 1    | 22380318R2    | NSP     |
| D377                | ZENER DIODE     | DZ2J075M0L          | 1    | 224760750R2   | NSP     |
| D378                | ZENER DIODE     | DZ2J075M0L          | 1    | 224760750R2   | NSP     |
| D460                | CHIP TYPE DIODE | DA2J10100           | 1    | 223303R2      | NSP     |
| D462                | ZENER DIODE     | DZ2J033M0L          | 1    | 224760330R2   | NSP     |
| D505                | CHIP TYPE DIODE | DA2J10100           | 1    | 223303R2      | NSP     |
| D506                | CHIP TYPE DIODE | DA2J10100           | 1    | 223303R2      | NSP     |
| D510                | CHIP TYPE DIODE | DA2J10100           | 1    | 223303R2      | NSP     |
| D511                | CHIP TYPE DIODE | DA2J10100           | 1    | 223303R2      | NSP     |
| D512                | ZENER DIODE     | DZ2J033M0L          | 1    | 224760330R2   | NSP     |
| D513                | ZENER DIODE     | DZ2J033M0L          | 1    | 224760330R2   | NSP     |
| D514                | ZENER DIODE     | DZ2J068M0L          | 1    | 224760680R2   | NSP     |
| D520                | CHIP TYPE DIODE | DA2J10100           | 1    | 223303R2      | NSP     |
| D521                | CHIP TYPE DIODE | DA2J10100           | 1    | 223303R2      | NSP     |
| D551                | CHIP TYPE DIODE | DA2J10100           | 1    | 223303R2      | NSP     |
| D552                | CHIP TYPE DIODE | DA2J10100           | 1    | 223303R2      | NSP     |
| D553                | CHIP TYPE DIODE | DA2J10100           | 1    | 223303R2      | NSP     |
| D554                | CHIP TYPE DIODE | DA2J10100           | 1    | 223303R2      | NSP     |
| Q1101               | TRANSISTOR      | 2SC3324-GR(TE85L_F) | 1    | 2216825R2     | NSP     |
| Q1102               | TRANSISTOR      | 2SC3324-GR(TE85L_F) | 1    | 2216825R2     | NSP     |
| Q1103               | TRANSISTOR      | 2SA1312-GR(TE85L_F) | 1    | 2216835R2     | NSP     |
| Q1104               | TRANSISTOR      | 2SA1312-GR(TE85L_F) | 1    | 2216835R2     | NSP     |
| Q1105               | TRANSISTOR      | 2SC3324-GR(TE85L_F) | 1    | 2216825R2     | NSP     |
| Q1106               | TRANSISTOR      | 2SC3324-GR(TE85L_F) | 1    | 2216825R2     | NSP     |
| Q301                | HYBRID IC       | NJW1194             | 1    | 22242893R2    |         |
| Q302                | TRANSISTOR      | KRA102S             | 1    | 2216220R2     | NSP     |
| Q303                | TRANSISTOR      | KRC105S             | 1    | 2217290R2     | NSP     |
| Q304                | TRANSISTOR      | KRA102S             | 1    | 2216220R2     | NSP     |
| Q305                | TRANSISTOR      | KRC105S             | 1    | 2217290R2     | NSP     |
| Q311                | TRANSISTOR      | RTAN430C-T112-1     | 1    | 2217780R2     | NSP     |
| Q312                | TRANSISTOR      | RTAN430C-T112-1     | 1    | 2217780R2     | NSP     |
| Q313                | TRANSISTOR      | RTAN430C-T112-1     | 1    | 2217780R2     | NSP     |
| Q314                | TRANSISTOR      | RTAN430C-T112-1     | 1    | 2217780R2     | NSP     |
| Q371                | HYBRID IC       | 78M15HF(NJM78M15FA) | 1    | 222780155JRC  |         |
| Q371A               | HEAT SINK       | RAD-196             | 1    | 27160545      | NSP     |
| Q371B               | SCREW           | 3P+10FN(3BC)        | 1    | 82143010GR    | NSP     |
| Q372                | HYBRID IC       | 79M15HF(NJM79M15FA) | 1    | 222790155JRC  |         |
| Q372B               | SCREW           | 3P+10FN(3BC)        | 1    | 82143010GR    | NSP     |
| Q373                | TRANSISTOR      | 2SC2712-GR          | 1    | 2213145R2     | NSP     |
| Q374                | TRANSISTOR      | 2SA1162-GR          | 1    | 2214375R2     | NSP     |
| Q375                | TRANSISTOR      | 2SA1488-Y           | 1    | 2203394       |         |
| Q376                | TRANSISTOR      | 2SC3851-Y           | 1    | 2203384       |         |
| Q401                | HYBRID IC       | NJW1112             | 1    | 22242597R2    | NSP     |
| Q4100               | HYBRID IC       | LM61CIZ             | 1    | 22242212      |         |
| Q4100A              | RETAINER        | (PTH)               | 1    | 27141884-1    | NSP     |
| Q411                | TRANSISTOR      | RTAN430C-T112-1     | 1    | 2217780R2     | NSP     |
| Q412                | TRANSISTOR      | RTAN430C-T112-1     | 1    | 2217780R2     | NSP     |
| Q461                | HYBRID IC       | NJM4580CG           | 1    | 22242922R2    | NSP     |
| Q515                | TRANSISTOR      | KTC3198-GR          | 1    | 2215985T      |         |
| Q516                | TRANSISTOR      | KTC3198-GR          | 1    | 2215985T      |         |

|                         |                                  |                        |   |             |     |
|-------------------------|----------------------------------|------------------------|---|-------------|-----|
| Q517                    | TRANSISTOR                       | KTC3198-GR             | 1 | 2215985T    |     |
| Q518                    | TRANSISTOR                       | KTC3198-GR             | 1 | 2215985T    |     |
| Q519                    | TRANSISTOR                       | KTC3423-Y              | 1 | 2204240     |     |
| Q520                    | TRANSISTOR                       | KTC3423-Y              | 1 | 2204240     |     |
| Q521                    | TRANSISTOR                       | KTA1360-Y              | 1 | 2204250     |     |
| Q522                    | TRANSISTOR                       | KTA1360-Y              | 1 | 2204250     |     |
| Q531                    | TRANSISTOR                       | 2SC2713-BL             | 1 | 2213136R2   | NSP |
| Q532                    | TRANSISTOR                       | 2SC2713-BL             | 1 | 2213136R2   | NSP |
| Q533                    | TRANSISTOR                       | KTA1266-GR             | 1 | 2215975T    |     |
| Q534                    | TRANSISTOR                       | KTA1266-GR             | 1 | 2215975T    |     |
| Q550                    | TRANSISTOR                       | 2SA1163-BL             | 1 | 2216756R2   | NSP |
| Q551                    | TRANSISTOR                       | 2SA1163-BL             | 1 | 2216756R2   | NSP |
| Q552                    | TRANSISTOR                       | 2SC2712-GR             | 1 | 2213145R2   | NSP |
| Q553                    | TRANSISTOR                       | 2SC2712-GR             | 1 | 2213145R2   | NSP |
| Q554                    | TRANSISTOR                       | 2SC2713-BL             | 1 | 2213136R2   | NSP |
| Q560                    | TRANSISTOR                       | KRC105S                | 1 | 2217290R2   | NSP |
| Q561                    | TRANSISTOR                       | KRC105S                | 1 | 2217290R2   | NSP |
| Q562                    | TRANSISTOR                       | KRA102S                | 1 | 2216220R2   | NSP |
| Q563                    | TRANSISTOR                       | KRA102S                | 1 | 2216220R2   | NSP |
| [ Transformers, Coils ] |                                  |                        |   |             |     |
| L501                    | FERRITE CORE                     | *                      | 1 | 5597-45502  |     |
| L502                    | FERRITE CORE                     | *                      | 1 | 5597-45502  |     |
| L503                    | FERRITE CORE                     | *                      | 1 | 5597-45502  |     |
| L504                    | FERRITE CORE                     | *                      | 1 | 5597-45502  |     |
| L505                    | SPEAKER OUTPUT FILTER COIL       | SC-0.8X11.5X12.5T-6.5L | 1 | 231393S     |     |
| L506                    | SPEAKER OUTPUT FILTER COIL       | SC-0.8X11.5X12.5T-6.5L | 1 | 231393S     |     |
| [ Capacitors ]          |                                  |                        |   |             |     |
| C1101                   | FILM C                           | C281H104J20A21A        | 1 | 376821044T  | NSP |
| C1102                   | FILM C                           | C281H104J20A21A        | 1 | 376821044T  | NSP |
| C1103                   | FILM C                           | C281H224J20A21A        | 1 | 376822244T  | NSP |
| C1104                   | FILM C                           | C281H224J20A21A        | 1 | 376822244T  | NSP |
| C1105                   | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-100M(UTSP)    | 1 | 397551017AT |     |
| C1106                   | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-100M(UTSP)    | 1 | 397551017AT |     |
| C1107                   | FILM C                           | C281H334J20A21A        | 1 | 376823344T  | NSP |
| C1108                   | FILM C                           | C281H334J20A21A        | 1 | 376823344T  | NSP |
| C1109                   | FILM C                           | C281H224J20A21A        | 1 | 376822244T  | NSP |
| C1110                   | FILM C                           | C281H224J20A21A        | 1 | 376822244T  | NSP |
| C1131                   | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-220M(UTSP)    | 1 | 397552217T  |     |
| C1132                   | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-220M(UTSP)    | 1 | 397552217T  |     |
| C301                    | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTEF332JE         | 1 | 376593324T  | NSP |
| C302                    | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTEF332JE         | 1 | 376593324T  | NSP |
| C303                    | FILM C                           | C281H104J20A21A        | 1 | 376821044T  | NSP |
| C304                    | FILM C                           | C281H104J20A21A        | 1 | 376821044T  | NSP |
| C305                    | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-4.7M(UTSP)    | 1 | 397580477AT |     |
| C306                    | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-4.7M(UTSP)    | 1 | 397580477AT |     |
| C307                    | UPZ TYPE PLASTIC FILM CAPACITOR  | 2AUPZTF221JE           | 1 | 376332214T  | NSP |
| C308                    | UPZ TYPE PLASTIC FILM CAPACITOR  | 2AUPZTF221JE           | 1 | 376332214T  | NSP |
| C310                    | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-220M(UTSP)    | 1 | 397532217AT |     |
| C311                    | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-220M(UTSP)    | 1 | 397532217AT |     |
| C313                    | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-220M(UTSP)    | 1 | 397532217AT |     |
| C320                    | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-1M(UTSP)      | 1 | 397580107AT |     |
| C321                    | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V 47M(UTSP)     | 1 | 397584707AT |     |
| C322                    | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V 47M(UTSP)     | 1 | 397584707AT |     |
| C323                    | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-1M(UTSP)      | 1 | 397580107AT |     |
| C340                    | FILM C                           | C281H104J20A21A        | 1 | 376821044T  | NSP |



|       |                                  |                      |   |             |     |
|-------|----------------------------------|----------------------|---|-------------|-----|
| C341  | FILM C                           | C281H104J20A21A      | 1 | 376821044T  | NSP |
| C371  | FILM C                           | C281H334J20A21A      | 1 | 376823344T  | NSP |
| C372  | UTSK C                           | CE04W35V-3300M(UTSK) | 1 | 398363327S  |     |
| C373  | UTSK C                           | CE04W35V-3300M(UTSK) | 1 | 398363327S  |     |
| C376  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-47M(UTSP)   | 1 | 397554707AT |     |
| C377  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-47M(UTSP)   | 1 | 397554707AT |     |
| C378  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)   | 1 | 397582207AT |     |
| C379  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)   | 1 | 397582207AT |     |
| C380  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W16V-470M(UTSP)  | 1 | 397544717T  |     |
| C381  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W16V-470M(UTSP)  | 1 | 397544717T  |     |
| C382  | FILM C                           | C281H334J20A21A      | 1 | 376823344T  | NSP |
| C4001 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1       | 1 | 332121045R1 | NSP |
| C4002 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1       | 1 | 332121045R1 | NSP |
| C401  | CHIP TYPE PLASTIC FILM CAPACITOR | 63MU221KZ12012       | 1 | 376992215R2 | NSP |
| C402  | CHIP TYPE PLASTIC FILM CAPACITOR | 63MU221KZ12012       | 1 | 376992215R2 | NSP |
| C403  | CHIP TYPE PLASTIC FILM CAPACITOR | 63MU221KZ12012       | 1 | 376992215R2 | NSP |
| C404  | CHIP TYPE PLASTIC FILM CAPACITOR | 63MU221KZ12012       | 1 | 376992215R2 | NSP |
| C405  | CHIP TYPE PLASTIC FILM CAPACITOR | 63MU221KZ12012       | 1 | 376992215R2 | NSP |
| C406  | CHIP TYPE PLASTIC FILM CAPACITOR | 63MU221KZ12012       | 1 | 376992215R2 | NSP |
| C407  | CHIP TYPE PLASTIC FILM CAPACITOR | 63MU221KZ12012       | 1 | 376992215R2 | NSP |
| C408  | CHIP TYPE PLASTIC FILM CAPACITOR | 63MU221KZ12012       | 1 | 376992215R2 | NSP |
| C409  | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF102JE        | 1 | 376591024T  | NSP |
| C410  | FILM C                           | C281H104J20A21A      | 1 | 376821044T  | NSP |
| C411  | UPZ TYPE PLASTIC FILM CAPACITOR  | 2AUPZTF221JE         | 1 | 376332214T  | NSP |
| C412  | UPZ TYPE PLASTIC FILM CAPACITOR  | 2AUPZTF221JE         | 1 | 376332214T  | NSP |
| C413  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V 47M(UTSP)   | 1 | 397584707AT |     |
| C414  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V 47M(UTSP)   | 1 | 397584707AT |     |
| C451  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-220M(UTSP)  | 1 | 397532217AT |     |
| C453  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V 47M(UTSP)   | 1 | 397584707AT |     |
| C454  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V 47M(UTSP)   | 1 | 397584707AT |     |
| C455  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-220M(UTSP)  | 1 | 397532217AT |     |
| C456  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-220M(UTSP)  | 1 | 397532217AT |     |
| C460  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)   | 1 | 397581007AT |     |
| C461  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-2.2M(UTSP)  | 1 | 397580227AT |     |
| C462  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)   | 1 | 397581007AT |     |
| C463  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-220M(UTSP)  | 1 | 397552217T  |     |
| C464  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-220M(UTSP)  | 1 | 397552217T  |     |
| C5005 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-220M(UTSP)  | 1 | 397582217T  |     |
| C5006 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-220M(UTSP)  | 1 | 397582217T  |     |
| C5007 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-220M(UTSP)  | 1 | 397582217T  |     |
| C5008 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-220M(UTSP)  | 1 | 397582217T  |     |
| C511  | FILM C                           | C281H224J20A21A      | 1 | 376822244T  | NSP |
| C512  | FILM C                           | C281H224J20A21A      | 1 | 376822244T  | NSP |
| C519  | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF103JE        | 1 | 376591034T  | NSP |
| C520  | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF103JE        | 1 | 376591034T  | NSP |
| C523  | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF473JE        | 1 | 376594734T  | NSP |
| C524  | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF473JE        | 1 | 376594734T  | NSP |
| C530  | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-104K1       | 1 | 332101045R1 | NSP |
| C531  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-100M(UTSP)  | 1 | 397581017T  |     |
| C532  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-1M(UTSP)    | 1 | 397580107AT |     |
| C533  | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-101J1      | 1 | 342101014R1 | NSP |
| C534  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-1M(UTSP)    | 1 | 397580107AT |     |
| C535  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)   | 1 | 397582207AT |     |
| C536  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)   | 1 | 397582207AT |     |
| C537  | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-332K1       | 1 | 332103325R1 | NSP |

|               |                                  |                    |   |             |     |
|---------------|----------------------------------|--------------------|---|-------------|-----|
| C538          | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-1M(UTSP)  | 1 | 397580107AT |     |
| C541          | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP) | 1 | 397582207AT |     |
| C542          | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP) | 1 | 397582207AT |     |
| C550          | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF102JE      | 1 | 376591024T  | NSP |
| C551          | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF102JE      | 1 | 376591024T  | NSP |
| C552          | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF103JE      | 1 | 376591034T  | NSP |
| C553          | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF103JE      | 1 | 376591034T  | NSP |
| C554          | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF103JE      | 1 | 376591034T  | NSP |
| C555          | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF103JE      | 1 | 376591034T  | NSP |
| C558          | FILM C                           | C281H104J20A21A    | 1 | 376821044T  | NSP |
| C559          | FILM C                           | C281H104J20A21A    | 1 | 376821044T  | NSP |
| C600          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-104K1     | 1 | 332101045R1 | NSP |
| C9001         | FILM C                           | C281H334J20A21A    | 1 | 376823344T  | NSP |
| C9002         | FILM C                           | C281H334J20A21A    | 1 | 376823344T  | NSP |
| C9005         | FILM C                           | C281H334J20A21A    | 1 | 376823344T  | NSP |
| C9006         | FILM C                           | C281H334J20A21A    | 1 | 376823344T  | NSP |
| C9007         | ELECTROLYTIC CAPACITOR           | CE69W56V-10000MMC  | 1 | 3504547     | N   |
| C9008         | ELECTROLYTIC CAPACITOR           | CE69W56V-10000MMC  | 1 | 3504547     | N   |
| [ Resistors ] |                                  |                    |   |             |     |
| R1101         | CHIP TYPE CARBON RESISTOR        | RN72K1J-822JE      | 1 | 435038224R1 | NSP |
| R1102         | CHIP TYPE CARBON RESISTOR        | RN72K1J-822JE      | 1 | 435038224R1 | NSP |
| R1103         | CHIP TYPE CARBON RESISTOR        | RN72K1J-474JE      | 1 | 435034744R1 | NSP |
| R1104         | CHIP TYPE CARBON RESISTOR        | RN72K1J-474JE      | 1 | 435034744R1 | NSP |
| R1105         | CHIP TYPE CARBON RESISTOR        | RN72K1J-224JE      | 1 | 435032244R1 | NSP |
| R1106         | CHIP TYPE CARBON RESISTOR        | RN72K1J-224JE      | 1 | 435032244R1 | NSP |
| R1107         | CHIP TYPE CARBON RESISTOR        | RN72K1J-332JE      | 1 | 435033324R1 | NSP |
| R1108         | CHIP TYPE CARBON RESISTOR        | RN72K1J-332JE      | 1 | 435033324R1 | NSP |
| R1109         | CHIP TYPE CARBON RESISTOR        | RN72K1J-332JE      | 1 | 435033324R1 | NSP |
| R1110         | CHIP TYPE CARBON RESISTOR        | RN72K1J-332JE      | 1 | 435033324R1 | NSP |
| R1111         | CHIP TYPE CARBON RESISTOR        | RN72K1J-153JE      | 1 | 435031534R1 | NSP |
| R1112         | CHIP TYPE CARBON RESISTOR        | RN72K1J-153JE      | 1 | 435031534R1 | NSP |
| R1113         | CHIP TYPE CARBON RESISTOR        | RN72K1J-562JE      | 1 | 435035624R1 | NSP |
| R1114         | CHIP TYPE CARBON RESISTOR        | RN72K1J-562JE      | 1 | 435035624R1 | NSP |
| R1115         | CHIP TYPE CARBON RESISTOR        | RN72K1J-332JE      | 1 | 435033324R1 | NSP |
| R1116         | CHIP TYPE CARBON RESISTOR        | RN72K1J-332JE      | 1 | 435033324R1 | NSP |
| R1117         | CHIP TYPE CARBON RESISTOR        | RN72K1J-123JE      | 1 | 435031234R1 | NSP |
| R1118         | CHIP TYPE CARBON RESISTOR        | RN72K1J-123JE      | 1 | 435031234R1 | NSP |
| R1119         | CHIP TYPE CARBON RESISTOR        | RN72K1J-562JE      | 1 | 435035624R1 | NSP |
| R1120         | CHIP TYPE CARBON RESISTOR        | RN72K1J-562JE      | 1 | 435035624R1 | NSP |
| R1121         | CHIP TYPE CARBON RESISTOR        | RN72K1J-331JE      | 1 | 435033314R1 | NSP |
| R1122         | CHIP TYPE CARBON RESISTOR        | RN72K1J-331JE      | 1 | 435033314R1 | NSP |
| R1123         | CHIP TYPE CARBON RESISTOR        | RN72K1J-272JE      | 1 | 435032724R1 | NSP |
| R1124         | CHIP TYPE CARBON RESISTOR        | RN72K1J-272JE      | 1 | 435032724R1 | NSP |
| R1125         | CHIP TYPE CARBON RESISTOR        | RN72K1J-221JE      | 1 | 435032214R1 | NSP |
| R1126         | CHIP TYPE CARBON RESISTOR        | RN72K1J-221JE      | 1 | 435032214R1 | NSP |
| R1127         | CHIP TYPE CARBON RESISTOR        | RN72K1J-331JE      | 1 | 435033314R1 | NSP |
| R1128         | CHIP TYPE CARBON RESISTOR        | RN72K1J-331JE      | 1 | 435033314R1 | NSP |
| R1129         | CHIP TYPE CARBON RESISTOR        | RN72K1J-104JE      | 1 | 435031044R1 | NSP |
| R1130         | CHIP TYPE CARBON RESISTOR        | RN72K1J-104JE      | 1 | 435031044R1 | NSP |
| R1131         | CHIP TYPE CARBON RESISTOR        | RN72K1J-223JE      | 1 | 435032234R1 | NSP |
| R1132         | CHIP TYPE CARBON RESISTOR        | RN72K1J-223JE      | 1 | 435032234R1 | NSP |
| R1135         | CHIP TYPE CARBON RESISTOR        | RN72K2E-220JE      | 1 | 435222204R1 | NSP |
| R1136         | CHIP TYPE CARBON RESISTOR        | RN72K2E-220JE      | 1 | 435222204R1 | NSP |
| R301          | C-METAL R                        | RN72K2B-104JE2     | 1 | 435111044R1 | NSP |
| R302          | C-METAL R                        | RN72K2B-104JE2     | 1 | 435111044R1 | NSP |



|      |                           |                |   |             |     |
|------|---------------------------|----------------|---|-------------|-----|
| R303 | CHIP TYPE CARBON RESISTOR | RN72K1J-472JE  | 1 | 435034724R1 | NSP |
| R304 | CHIP TYPE CARBON RESISTOR | RN72K1J-472JE  | 1 | 435034724R1 | NSP |
| R305 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R306 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R307 | CHIP TYPE CARBON RESISTOR | RN72K1J-472JE  | 1 | 435034724R1 | NSP |
| R308 | CHIP TYPE CARBON RESISTOR | RN72K1J-472JE  | 1 | 435034724R1 | NSP |
| R310 | CHIP TYPE CARBON RESISTOR | RN72K1J-222JE  | 1 | 435032224R1 | NSP |
| R311 | CHIP TYPE CARBON RESISTOR | RN72K1J-222JE  | 1 | 435032224R1 | NSP |
| R312 | CHIP TYPE CARBON RESISTOR | RN72K1J-222JE  | 1 | 435032224R1 | NSP |
| R313 | CHIP TYPE CARBON RESISTOR | RN72K1J-103JE  | 1 | 435031034R1 | NSP |
| R318 | CHIP TYPE CARBON RESISTOR | RN72K1J-471JE  | 1 | 435034714R1 | NSP |
| R319 | CHIP TYPE CARBON RESISTOR | RN72K1J-471JE  | 1 | 435034714R1 | NSP |
| R323 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R324 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R325 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R326 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R327 | C-METAL R                 | RN72K2B-331JE2 | 1 | 435113314R1 | NSP |
| R328 | C-METAL R                 | RN72K2B-331JE2 | 1 | 435113314R1 | NSP |
| R329 | C-METAL R                 | RN72K2B-101JE2 | 1 | 435111014R1 | NSP |
| R330 | C-METAL R                 | RN72K2B-101JE2 | 1 | 435111014R1 | NSP |
| R340 | CHIP TYPE CARBON RESISTOR | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R341 | CHIP TYPE CARBON RESISTOR | RN72K1J-224JE  | 1 | 435032244R1 | NSP |
| R342 | CHIP TYPE CARBON RESISTOR | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R343 | CHIP TYPE CARBON RESISTOR | RN72K1J-224JE  | 1 | 435032244R1 | NSP |
| R371 | METAL RESISTOR            | RNU1/2WCJ-1    | 1 | 453530104T  | NSP |
| R372 | METAL RESISTOR            | RNU1/2WCJ-1    | 1 | 453530104T  | NSP |
| R375 | CHIP TYPE CARBON RESISTOR | RN72K1J-472JE  | 1 | 435034724R1 | NSP |
| R376 | CHIP TYPE CARBON RESISTOR | RN72K1J-472JE  | 1 | 435034724R1 | NSP |
| R377 | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R378 | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R401 | C-METAL R                 | RN72K2B-471JE2 | 1 | 435114714R1 | NSP |
| R402 | C-METAL R                 | RN72K2B-471JE2 | 1 | 435114714R1 | NSP |
| R403 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R404 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R405 | C-METAL R                 | RN72K2B-471JE2 | 1 | 435114714R1 | NSP |
| R406 | C-METAL R                 | RN72K2B-471JE2 | 1 | 435114714R1 | NSP |
| R407 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R408 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R409 | C-METAL R                 | RN72K2B-471JE2 | 1 | 435114714R1 | NSP |
| R410 | C-METAL R                 | RN72K2B-471JE2 | 1 | 435114714R1 | NSP |
| R411 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R412 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R413 | C-METAL R                 | RN72K2B-471JE2 | 1 | 435114714R1 | NSP |
| R414 | C-METAL R                 | RN72K2B-471JE2 | 1 | 435114714R1 | NSP |
| R415 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R416 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R421 | C-METAL R                 | RN72K2B-101JE2 | 1 | 435111014R1 | NSP |
| R422 | C-METAL R                 | RN72K2B-101JE2 | 1 | 435111014R1 | NSP |
| R423 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R424 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R425 | C-METAL R                 | RN72K2B-222JE2 | 1 | 435112224R1 | NSP |
| R426 | C-METAL R                 | RN72K2B-222JE2 | 1 | 435112224R1 | NSP |
| R431 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R432 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R433 | C-METAL R                 | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |

|      |                                    |                |   |             |     |
|------|------------------------------------|----------------|---|-------------|-----|
| R434 | C-METAL R                          | RN72K2B-224JE2 | 1 | 435112244R1 | NSP |
| R451 | CHIP TYPE CARBON RESISTOR          | RN72K1J-222JE  | 1 | 435032224R1 | NSP |
| R452 | CHIP TYPE CARBON RESISTOR          | RN72K1J-222JE  | 1 | 435032224R1 | NSP |
| R453 | CHIP TYPE CARBON RESISTOR          | RN72K1J-222JE  | 1 | 435032224R1 | NSP |
| R454 | CHIP TYPE CARBON RESISTOR          | RN72K1J-103JE  | 1 | 435031034R1 | NSP |
| R455 | CHIP TYPE CARBON RESISTOR          | RN72K1J-103JE  | 1 | 435031034R1 | NSP |
| R456 | CHIP TYPE CARBON RESISTOR          | RN72K1J-103JE  | 1 | 435031034R1 | NSP |
| R457 | CHIP TYPE CARBON RESISTOR          | RN72K1J-220JE  | 1 | 435032204R1 | NSP |
| R458 | CHIP TYPE CARBON RESISTOR          | RN72K1J-220JE  | 1 | 435032204R1 | NSP |
| R460 | CHIP TYPE CARBON RESISTOR          | RN72K1J-562JE  | 1 | 435035624R1 | NSP |
| R461 | CHIP TYPE CARBON RESISTOR          | RN72K1J-104JE  | 1 | 435031044R1 | NSP |
| R462 | CHIP TYPE CARBON RESISTOR          | RN72K1J-560JE  | 1 | 435035604R1 | NSP |
| R463 | CHIP TYPE CARBON RESISTOR          | RN72K1J-564JE  | 1 | 435035644R1 | NSP |
| R464 | CHIP TYPE CARBON RESISTOR          | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R465 | CHIP TYPE CARBON RESISTOR          | RN72K1J-103JE  | 1 | 435031034R1 | NSP |
| R466 | CHIP TYPE CARBON RESISTOR          | RN72K2E-220JE  | 1 | 435222204R1 | NSP |
| R467 | CHIP TYPE CARBON RESISTOR          | RN72K2E-220JE  | 1 | 435222204R1 | NSP |
| R469 | CHIP TYPE CARBON RESISTOR          | RN72K1J-000JE  | 1 | 435030004R1 | NSP |
| R471 | CHIP TYPE CARBON RESISTOR          | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R472 | CHIP TYPE CARBON RESISTOR          | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R520 | METAL OXIDE FILM RESISTOR          | RS1/2WBJ-470   | 1 | 443524714T  | NSP |
| R521 | METAL OXIDE FILM RESISTOR          | RS1/2WBJ-470   | 1 | 443524714T  | NSP |
| R539 | CHIP TYPE CARBON RESISTOR          | RN72K2E-100JE  | 1 | 435221004R1 | NSP |
| R540 | CHIP TYPE CARBON RESISTOR          | RN72K2E-100JE  | 1 | 435221004R1 | NSP |
| R541 | CHIP TYPE CARBON RESISTOR          | RN72K2E-100JE  | 1 | 435221004R1 | NSP |
| R542 | CHIP TYPE CARBON RESISTOR          | RN72K2E-100JE  | 1 | 435221004R1 | NSP |
| R543 | METAL OXIDE FILM RESISTOR          | RS1/2WBJ-56    | 1 | 443525604T  | NSP |
| R544 | METAL OXIDE FILM RESISTOR          | RS1/2WBJ-56    | 1 | 443525604T  | NSP |
| R545 | CHIP TYPE CARBON RESISTOR          | RN72K1J-392JE  | 1 | 435033924R1 | NSP |
| R546 | CHIP TYPE CARBON RESISTOR          | RN72K1J-392JE  | 1 | 435033924R1 | NSP |
| R547 | METAL PLATE RESISTOR               | MPR5W+5W 0R22  | 1 | 4000233     |     |
| R548 | METAL PLATE RESISTOR               | MPR5W+5W 0R22  | 1 | 4000233     |     |
| R551 | CHIP TYPE CARBON RESISTOR          | RN72K1J-333JE  | 1 | 435033334R1 | NSP |
| R552 | CHIP TYPE CARBON RESISTOR          | RN72K1J-333JE  | 1 | 435033334R1 | NSP |
| R553 | CHIP TYPE CARBON RESISTOR          | RN72K1J-103JE  | 1 | 435031034R1 | NSP |
| R554 | CHIP TYPE CARBON RESISTOR          | RN72K1J-103JE  | 1 | 435031034R1 | NSP |
| R555 | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-1.0K      | 1 | 415471024T  |     |
| R556 | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-1.0K      | 1 | 415471024T  |     |
| R557 | CHIP TYPE CARBON RESISTOR          | RN72K1J-223JE  | 1 | 435032234R1 | NSP |
| R558 | CHIP TYPE CARBON RESISTOR          | RN72K1J-223JE  | 1 | 435032234R1 | NSP |
| R559 | CHIP TYPE CARBON RESISTOR          | RN72K1J-394JE  | 1 | 435033944R1 | NSP |
| R560 | CHIP TYPE CARBON RESISTOR          | RN72K1J-394JE  | 1 | 435033944R1 | NSP |
| R561 | CHIP TYPE CARBON RESISTOR          | RN72K1J-472JE  | 1 | 435034724R1 | NSP |
| R562 | CHIP TYPE CARBON RESISTOR          | RN72K1J-472JE  | 1 | 435034724R1 | NSP |
| R579 | CHIP TYPE CARBON RESISTOR          | RN72K1J-563JE  | 1 | 435035634R1 | NSP |
| R580 | CHIP TYPE CARBON RESISTOR          | RN72K1J-563JE  | 1 | 435035634R1 | NSP |
| R581 | CHIP TYPE CARBON RESISTOR          | RN72K1J-472JE  | 1 | 435034724R1 | NSP |
| R582 | CHIP TYPE CARBON RESISTOR          | RN72K1J-472JE  | 1 | 435034724R1 | NSP |
| R583 | CHIP TYPE CARBON RESISTOR          | RN72K1J-332JE  | 1 | 435033324R1 | NSP |
| R584 | CHIP TYPE CARBON RESISTOR          | RN72K1J-332JE  | 1 | 435033324R1 | NSP |
| R585 | CHIP TYPE CARBON RESISTOR          | RN72K1J-222JE  | 1 | 435032224R1 | NSP |
| R586 | CHIP TYPE CARBON RESISTOR          | RN72K1J-222JE  | 1 | 435032224R1 | NSP |
| R587 | TRIMMER RESISTOR                   | N06HR1KBC      | 1 | 5211438T    | NSP |
| R588 | TRIMMER RESISTOR                   | N06HR1KBC      | 1 | 5211438T    | NSP |
| R589 | CHIP TYPE CARBON RESISTOR          | RN72K1J-272JE  | 1 | 435032724R1 | NSP |

|                                |                                    |               |     |             |       |
|--------------------------------|------------------------------------|---------------|-----|-------------|-------|
| R590                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-272JE | 1   | 435032724R1 | NSP   |
| R591                           | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-10       | 1   | 415471004T  |       |
| R592                           | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-10       | 1   | 415471004T  |       |
| R593                           | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-100      | 1   | 415471014T  |       |
| R594                           | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-100      | 1   | 415471014T  |       |
| R595                           | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-100      | 1   | 415471014T  |       |
| R596                           | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-100      | 1   | 415471014T  |       |
| R597                           | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-15       | 1   | 415471504T  |       |
| R598                           | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-15       | 1   | 415471504T  |       |
| R599                           | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-15       | 1   | 415471504T  |       |
| R600                           | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-15       | 1   | 415471504T  |       |
| R601                           | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-2.2      | 1   | 415470224T  |       |
| R602                           | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-2.2      | 1   | 415470224T  |       |
| R603                           | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-2.2      | 1   | 415470224T  |       |
| R604                           | NON-FLAMMABLE CARBON FILM RESISTOR | R25J-2.2      | 1   | 415470224T  |       |
| R606                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-103JE | 1   | 435031034R1 | NSP   |
| R607                           | CHIP TYPE CARBON RESISTOR          | RN72K2E-100JE | 1   | 435221004R1 | NSP   |
| R608                           | CHIP TYPE CARBON RESISTOR          | RN72K2E-100JE | 1   | 435221004R1 | NSP   |
| R609                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-473JE | 1   | 435034734R1 | NSP   |
| R610                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-473JE | 1   | 435034734R1 | NSP   |
| R611                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-473JE | 1   | 435034734R1 | NSP   |
| R612                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-473JE | 1   | 435034734R1 | NSP   |
| R613                           | METAL RESISTOR                     | RNU1WCJ-8.2   | 1   | 453630824T  | NSP   |
| R614                           | METAL RESISTOR                     | RNU1WCJ-8.2   | 1   | 453630824T  | NSP   |
| R615                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-333JE | 1   | 435033334R1 | NSP   |
| R616                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-333JE | 1   | 435033334R1 | NSP   |
| R617                           | CHIP TYPE CARBON RESISTOR          | RN72K2E-150JE | 1   | 435221504R1 | NSP   |
| R618                           | CHIP TYPE CARBON RESISTOR          | RN72K2E-150JE | 1   | 435221504R1 | NSP   |
| R619                           | CHIP TYPE CARBON RESISTOR          | RN72K2E-150JE | 1   | 435221504R1 | NSP   |
| R620                           | CHIP TYPE CARBON RESISTOR          | RN72K2E-150JE | 1   | 435221504R1 | NSP   |
| R621                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-223JE | 1   | 435032234R1 | NSP   |
| R622                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-223JE | 1   | 435032234R1 | NSP   |
| R623                           | METAL OXIDE FILM RESISTOR          | RS1WBJ-390    | 1   | 443623914T  | NSP   |
| R624                           | METAL OXIDE FILM RESISTOR          | RS1WBJ-390    | 1   | 443623914T  | NSP   |
| R625                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-103JE | 1   | 435031034R1 | NSP   |
| R626                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-333JE | 1   | 435033334R1 | NSP   |
| R627                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-222JE | 1   | 435032224R1 | NSP   |
| R628                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-473JE | 1   | 435034734R1 | NSP   |
| R629                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-473JE | 1   | 435034734R1 | NSP   |
| R630                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-474JE | 1   | 435034744R1 | NSP   |
| R631                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-123JE | 1   | 435031234R1 | NSP   |
| R632                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-103JE | 1   | 435031034R1 | NSP   |
| R633                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-473JE | 1   | 435034734R1 | NSP   |
| R635                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-123JE | 1   | 435031234R1 | NSP   |
| R636                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-123JE | 1   | 435031234R1 | NSP   |
| R640                           | CHIP TYPE CARBON RESISTOR          | RN72K1J-223JE | 1   | 435032234R1 | NSP   |
| R7005                          | CHIP TYPE CARBON RESISTOR          | RN72K1J-103JE | 1   | 435031034R1 | NSP   |
| R7007                          | CHIP TYPE CARBON RESISTOR          | RN72K1J-224JE | 1   | 435032244R1 | NSP   |
| [ Switches, Terminals, Wires ] |                                    |               |     |             |       |
| P010                           | PRINTED WIRING BOARD               | BCAMP-2433    | 1   | 25142433A   | N NSP |
| P010B                          | PRINTED WIRING BOARD               | BCETC-2447    | {1} | 25142447    | N NSP |
| P010C                          | PRINTED WIRING BOARD               | BCETC-2452    | {1} | 25142452    | N NSP |
| P010D                          | PRINTED WIRING BOARD               | BCETC-2507    | {1} | 25142507    | N NSP |
| P371                           | PLUG                               | NPLG-3P117    | 1   | 25055133    | NSP   |
| P401                           | PIN JACK                           | NPJ-4PDRW592  | 1   | 25045812    |       |

|        |                       |                   |   |              |     |
|--------|-----------------------|-------------------|---|--------------|-----|
| P402   | PIN JACK              | NPJ-6PDRW665      | 1 | 25045894     |     |
| P403B  | PLUG                  | NPLG-9P0964       | 1 | 25056014     | NSP |
| P404B  | PLUG                  | NPLG-9P0964       | 1 | 25056014     | NSP |
| P409   | WIRE HARNESS ASSEMBLY | NSAS-3P2097       | 1 | 2009991286UL | NSP |
| P409A  | WIRE HOL              | CHD-1.5-3         | 1 | 25053535     | NSP |
| P411   | RETAINER              | (BUS-BAR)         | 1 | 27142380     | NSP |
| P412   | RETAINER              | (BUS-BAR)         | 1 | 27142380     | NSP |
| P415   | RETAINER              | (BUS-BAR)         | 1 | 27142302     | NSP |
| P416   | RETAINER              | (BUS-BAR)         | 1 | 27142302     | NSP |
| P498   | TRM(SCREW)            | TER21-0130V       | 1 | 25060533     | NSP |
| P499   | RETAINER              | (TRM)             | 1 | 25060507     | NSP |
| P500   | TERMINAL              | NTM-4PDSCR475     | 1 | 25060554     | N   |
| P5001A | PLUG                  | NPLG-9P0964       | 1 | 25056014     | NSP |
| P5002A | PLUG                  | NPLG-9P0964       | 1 | 25056014     | NSP |
| P501   | TERMINAL              | NTM-4PDSCR475     | 1 | 25060554     | N   |
| P511   | PLUG                  | NPLG-2P29         | 1 | 25055038     | NSP |
| P512   | PLUG                  | NPLG-2P29         | 1 | 25055038     | NSP |
| P514B  | PLUG                  | NPLG-5P133        | 1 | 25055149     | NSP |
| P7001B | PLUG                  | NPLG-13P0968      | 1 | 25056018     | NSP |
| P7002B | PLUG                  | IMSA-9111B-16     | 1 | 25056620     | NSP |
| P7003B | PLUG                  | IMSA-9111B-16     | 1 | 25056620     | NSP |
| P7101B | PLUG                  | NPLG-11P139       | 1 | 25055155     | NSP |
| P7102B | PLUG                  | NPLG-9P137        | 1 | 25055153     | NSP |
| P905   | WIRE HARNESS ASSEMBLY | NSAS-6P2498       | 1 | 2009991614UL | NSP |
| RL301  | RELAY                 | NRL-2P2A-DC12-207 | 1 | 25065726     |     |
| RL302  | RELAY                 | NRL-2P2A-DC12-207 | 1 | 25065726     |     |
| RL500  | RELAY                 | NRL-2P5A-DC24-129 | 1 | 25065563A    |     |
| RL501  | RELAY                 | NRL-2P5A-DC24-129 | 1 | 25065563A    |     |
| S7001  | SLIDE SWITCH          | NSS-22203         | 1 | 25065581     |     |

## BADG-2445-1A

## &lt;Note&gt;

1. Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
2. 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.

: NSP

| REF. NO.            | PART NAME       | DESCRIPTION | Q'TY | PART NO. (SN) | REMARKS |
|---------------------|-----------------|-------------|------|---------------|---------|
| [ Semi-conductors ] |                 |             |      |               |         |
| D101                | CHIP TYPE DIODE | DA2J10100   | 1    | 223303R2      | NSP     |
| D102                | CHIP TYPE DIODE | DA2J10100   | 1    | 223303R2      | NSP     |
| D181                | ZENER DIODE     | DZ2J120M0L  | 1    | 224761200R2   | NSP     |
| D182                | ZENER DIODE     | DZ2J120M0L  | 1    | 224761200R2   | NSP     |
| D191                | CHIP TYPE DIODE | DA2J10100   | 1    | 223303R2      | NSP     |
| D5601               | ZENER DIODE     | DZ2J120M0L  | 1    | 224761200R2   | NSP     |
| D5602               | ZENER DIODE     | DZ2J120M0L  | 1    | 224761200R2   | NSP     |
| D5603               | CHIP TYPE DIODE | DA2J10100   | 1    | 223303R2      | NSP     |
| D5604               | CHIP TYPE DIODE | DA2J10100   | 1    | 223303R2      | NSP     |
| D5701               | ZENER DIODE     | DZ2J120M0L  | 1    | 224761200R2   | NSP     |
| D5702               | ZENER DIODE     | DZ2J120M0L  | 1    | 224761200R2   | NSP     |

|       |                 |                     |   |             |     |
|-------|-----------------|---------------------|---|-------------|-----|
| D5703 | CHIP TYPE DIODE | DA2J10100           | 1 | 223303R2    | NSP |
| D5704 | CHIP TYPE DIODE | DA2J10100           | 1 | 223303R2    | NSP |
| D7001 | CHIP TYPE DIODE | DA2J10100           | 1 | 223303R2    | NSP |
| D7801 | ZENER DIODE     | DZ2J056M0L          | 1 | 224760560R2 | NSP |
| D7802 | ZENER DIODE     | DZ2J056M0L          | 1 | 224760560R2 | NSP |
| D7803 | ZENER DIODE     | DZ2J056M0L          | 1 | 224760560R2 | NSP |
| D7804 | ZENER DIODE     | DZ2J056M0L          | 1 | 224760560R2 | NSP |
| D7901 | CHIP TYPE DIODE | DA2J10100           | 1 | 223303R2    | NSP |
| Q101  | TRANSISTOR      | 2SA1312-BL          | 1 | 2216836R2   | NSP |
| Q102  | TRANSISTOR      | 2SA1312-BL          | 1 | 2216836R2   | NSP |
| Q103  | TRANSISTOR      | 2SC3324-BL          | 1 | 2216826R2   | NSP |
| Q104  | TRANSISTOR      | 2SC3324-BL          | 1 | 2216826R2   | NSP |
| Q105  | TRANSISTOR      | 2SC3324-BL          | 1 | 2216826R2   | NSP |
| Q106  | TRANSISTOR      | 2SC3324-BL          | 1 | 2216826R2   | NSP |
| Q107  | TRANSISTOR      | 2SA1312-BL          | 1 | 2216836R2   | NSP |
| Q108  | TRANSISTOR      | 2SA1312-BL          | 1 | 2216836R2   | NSP |
| Q109  | TRANSISTOR      | 2SD2704K            | 1 | 2218130R2   | NSP |
| Q110  | TRANSISTOR      | 2SD2704K            | 1 | 2218130R2   | NSP |
| Q111  | HYBRID IC       | NJM4580CG           | 1 | 22242922R2  | NSP |
| Q181  | TRANSISTOR      | KTA1661-Y           | 1 | 2217864R2   | NSP |
| Q182  | TRANSISTOR      | KTC4373-Y           | 1 | 2218120R2   | NSP |
| Q183  | TRANSISTOR      | 2SC2712-GR          | 1 | 2213145R2   | NSP |
| Q184  | TRANSISTOR      | 2SA1162-GR          | 1 | 2214375R2   | NSP |
| Q191  | TRANSISTOR      | KRC105S             | 1 | 2217290R2   | NSP |
| Q192  | TRANSISTOR      | KRA102S             | 1 | 2216220R2   | NSP |
| Q5601 | TRANSISTOR      | 2SC3324-BL          | 1 | 2216826R2   |     |
| Q5602 | TRANSISTOR      | 2SA1312-BL          | 1 | 2216836R2   |     |
| Q5603 | TRANSISTOR      | 2SC3324-BL          | 1 | 2216826R2   |     |
| Q5604 | TRANSISTOR      | 2SA1312-BL          | 1 | 2216836R2   |     |
| Q5605 | TRANSISTOR      | 2SC3324-BL          | 1 | 2216826R2   |     |
| Q5606 | TRANSISTOR      | 2SA1312-BL          | 1 | 2216836R2   |     |
| Q5607 | TRANSISTOR      | 2SC3324-BL          | 1 | 2216826R2   |     |
| Q5608 | TRANSISTOR      | 2SA1312-BL          | 1 | 2216836R2   |     |
| Q5609 | TRANSISTOR      | 2SA1200-Y(2LONK_ZE) | 1 | 2217584R2   |     |
| Q5610 | TRANSISTOR      | 2SC2880-Y(2LONK_ZE) | 1 | 2217594R2   |     |
| Q5701 | TRANSISTOR      | 2SC3324-BL          | 1 | 2216826R2   |     |
| Q5702 | TRANSISTOR      | 2SA1312-BL          | 1 | 2216836R2   |     |
| Q5703 | TRANSISTOR      | 2SC3324-BL          | 1 | 2216826R2   |     |
| Q5704 | TRANSISTOR      | 2SA1312-BL          | 1 | 2216836R2   |     |
| Q5705 | TRANSISTOR      | 2SC3324-BL          | 1 | 2216826R2   |     |
| Q5706 | TRANSISTOR      | 2SA1312-BL          | 1 | 2216836R2   |     |
| Q5707 | TRANSISTOR      | 2SC3324-BL          | 1 | 2216826R2   |     |
| Q5708 | TRANSISTOR      | 2SA1312-BL          | 1 | 2216836R2   |     |
| Q5709 | TRANSISTOR      | 2SA1200-Y(2LONK_ZE) | 1 | 2217584R2   |     |
| Q5710 | TRANSISTOR      | 2SC2880-Y(2LONK_ZE) | 1 | 2217594R2   |     |
| Q7001 | HYBRID IC       | PST894A270UR        | 1 | 22243198R2  | NSP |
| Q7002 | TRANSISTOR      | KRA102S             | 1 | 2216220R2   | NSP |
| Q7003 | TRANSISTOR      | KRA102S             | 1 | 2216220R2   | NSP |
| Q7004 | TRANSISTOR      | 2SA1162-GR          | 1 | 2214375R2   | NSP |
| Q7005 | TRANSISTOR      | 2SA1162-GR          | 1 | 2214375R2   | NSP |
| Q7006 | HYBRID IC       | R5F212A7SNFA        | 1 | 222W0099R3  | NSP |
| Q7007 | TRANSISTOR      | KRC102S             | 1 | 2216190R2   | NSP |
| Q7008 | TRANSISTOR      | KRA107S             | 1 | 2216350R2   | NSP |
| Q7010 | TRANSISTOR      | KRA107S             | 1 | 2216350R2   | NSP |
| Q7011 | TRANSISTOR      | KRC102S             | 1 | 2216190R2   | NSP |

|                         |                                  |                         |   |               |     |
|-------------------------|----------------------------------|-------------------------|---|---------------|-----|
| Q7014                   | HYBRID IC                        | S-812C50AUA-C3E         | 1 | 22242240R2    | NSP |
| Q7015                   | HYBRID IC                        | S-1333A33-M5T1U3        | 1 | 22242934R2    | NSP |
| Q7016                   | HYBRID IC                        | R1EX24016ASAS0I         | 1 | 22242861R2    | NSP |
| Q7501                   | PHOTO COUPLER                    | JSR2165                 | 1 | 24120176      |     |
| Q7503                   | HYBRID IC                        | TC74HCU04AF             | 1 | 222740046R2TO | NSP |
| Q7511                   | PHOTO COUPLER                    | JSR2165                 | 1 | 24120176      |     |
| Q7601                   | HYBRID IC                        | PCM9211PTR              | 1 | 22242703R2    | NSP |
| Q7751                   | HYBRID IC                        | AK4452VN                | 1 | 22242966R2    | NSP |
| Q7801                   | TRANSISTOR                       | 2SA1312-GR(TE85L_F)     | 1 | 2216835R2     | NSP |
| Q7802                   | TRANSISTOR                       | 2SA1312-GR(TE85L_F)     | 1 | 2216835R2     | NSP |
| Q7803                   | TRANSISTOR                       | 2SC3324-GR(TE85L_F)     | 1 | 2216825R2     | NSP |
| Q7804                   | TRANSISTOR                       | 2SC3324-GR(TE85L_F)     | 1 | 2216825R2     | NSP |
| Q7805                   | TRANSISTOR                       | 2SC3324-GR(TE85L_F)     | 1 | 2216825R2     | NSP |
| Q7806                   | TRANSISTOR                       | 2SC3324-GR(TE85L_F)     | 1 | 2216825R2     | NSP |
| Q7807                   | TRANSISTOR                       | 2SA1312-GR(TE85L_F)     | 1 | 2216835R2     | NSP |
| Q7808                   | TRANSISTOR                       | 2SA1312-GR(TE85L_F)     | 1 | 2216835R2     | NSP |
| Q7809                   | TRANSISTOR                       | 2SA1312-GR(TE85L_F)     | 1 | 2216835R2     | NSP |
| Q7810                   | TRANSISTOR                       | 2SA1312-GR(TE85L_F)     | 1 | 2216835R2     | NSP |
| Q7811                   | TRANSISTOR                       | 2SC3324-GR(TE85L_F)     | 1 | 2216825R2     | NSP |
| Q7812                   | TRANSISTOR                       | 2SC3324-GR(TE85L_F)     | 1 | 2216825R2     | NSP |
| Q7813                   | TRANSISTOR                       | 2SA1312-GR(TE85L_F)     | 1 | 2216835R2     | NSP |
| Q7814                   | TRANSISTOR                       | 2SA1312-GR(TE85L_F)     | 1 | 2216835R2     | NSP |
| Q7815                   | TRANSISTOR                       | 2SC3324-GR(TE85L_F)     | 1 | 2216825R2     | NSP |
| Q7816                   | TRANSISTOR                       | 2SC3324-GR(TE85L_F)     | 1 | 2216825R2     | NSP |
| Q7817                   | TRANSISTOR                       | 2SC3324-GR(TE85L_F)     | 1 | 2216825R2     | NSP |
| Q7818                   | TRANSISTOR                       | 2SC3324-GR(TE85L_F)     | 1 | 2216825R2     | NSP |
| Q7819                   | TRANSISTOR                       | 2SA1312-GR(TE85L_F)     | 1 | 2216835R2     | NSP |
| Q7820                   | TRANSISTOR                       | 2SA1312-GR(TE85L_F)     | 1 | 2216835R2     | NSP |
| Q7821                   | TRANSISTOR                       | 2SA1312-GR(TE85L_F)     | 1 | 2216835R2     | NSP |
| Q7822                   | TRANSISTOR                       | 2SA1312-GR(TE85L_F)     | 1 | 2216835R2     | NSP |
| Q7823                   | TRANSISTOR                       | 2SC3324-GR(TE85L_F)     | 1 | 2216825R2     | NSP |
| Q7824                   | TRANSISTOR                       | 2SC3324-GR(TE85L_F)     | 1 | 2216825R2     | NSP |
| Q7825                   | TRANSISTOR                       | 2SC3324-GR(TE85L_F)     | 1 | 2216825R2     | NSP |
| Q7826                   | TRANSISTOR                       | 2SC3324-GR(TE85L_F)     | 1 | 2216825R2     | NSP |
| Q7827                   | TRANSISTOR                       | 2SC3325-Y(TE85L_F)      | 1 | 2217642R2     | NSP |
| Q7828                   | TRANSISTOR                       | 2SC3325-Y(TE85L_F)      | 1 | 2217642R2     | NSP |
| Q7829                   | TRANSISTOR                       | 2SA1313-Y(TE85L_F)      | 1 | 2217652R2     | NSP |
| Q7830                   | TRANSISTOR                       | 2SA1313-Y(TE85L_F)      | 1 | 2217652R2     | NSP |
| Q7902                   | HYBRID IC                        | 78M05HF(NJM78M05DL1A-TE | 1 | 222780055R2JR | NSP |
| Q7903                   | HYBRID IC                        | S-1333A33-M5T1U3        | 1 | 22242934R2    | NSP |
| X7001                   | CERAMIC RESONATOR                | CSTLS16M0X51-A0         | 1 | 3010412T      | NSP |
| X7601                   | CRYSTAL                          | HC-49S 9C24.5760M       | 1 | 3010516R2     | NSP |
| [ Transformers, Coils ] |                                  |                         |   |               |     |
| L7501                   | EMI SUPPRESSION FILTER           | BK1608LL241-T           | 1 | 230959R1      | NSP |
| L7502                   | CHOKE COIL                       | LBC2518T470M            | 1 | 231364M470R2  | NSP |
| L7503                   | CHOKE COIL                       | LBC2518T470M            | 1 | 231364M470R2  | NSP |
| L7511                   | EMI SUPPRESSION FILTER           | BK1608LL241-T           | 1 | 230959R1      | NSP |
| L7601                   | CHOKE COIL                       | LBC2518T4R7M            | 1 | 231364M047R2  | NSP |
| L7602                   | CORE                             | BLM18PG181SN1D          | 1 | 2350005R1     | NSP |
| L7603                   | EMI SUPPRESSION FILTER           | BK1608LL241-T           | 1 | 230959R1      | NSP |
| L7604                   | EMI SUPPRESSION FILTER           | BK1608LL241-T           | 1 | 230959R1      | NSP |
| [ Capacitors ]          |                                  |                         |   |               |     |
| C101                    | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-102J           | 1 | 376621024R2   | NSP |
| C103                    | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-101J           | 1 | 376621014R2   | NSP |
| C104                    | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-101J           | 1 | 376621014R2   | NSP |



|       |                                  |                     |   |             |     |
|-------|----------------------------------|---------------------|---|-------------|-----|
| C107  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)  | 1 | 397581007AT |     |
| C108  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)  | 1 | 397581007AT |     |
| C109  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-100M(UTSP) | 1 | 397551017AT |     |
| C110  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-100M(UTSP) | 1 | 397551017AT |     |
| C111  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-100M(UTSP) | 1 | 397551017AT |     |
| C112  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-100M(UTSP) | 1 | 397551017AT |     |
| C113  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)  | 1 | 397582207AT |     |
| C114  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)  | 1 | 397582207AT |     |
| C115  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)  | 1 | 397582207AT |     |
| C116  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)  | 1 | 397582207AT |     |
| C117  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)  | 1 | 397581007AT |     |
| C118  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)  | 1 | 397581007AT |     |
| C119  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)  | 1 | 397581007AT |     |
| C120  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)  | 1 | 397581007AT |     |
| C121  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-47M(UTSP)  | 1 | 397554707AT |     |
| C122  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-47M(UTSP)  | 1 | 397554707AT |     |
| C123  | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-102J       | 1 | 376621024R2 | NSP |
| C124  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-220M(UTSP) | 1 | 397532217AT |     |
| C125  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-220M(UTSP) | 1 | 397532217AT |     |
| C126  | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-102J       | 1 | 376621024R2 | NSP |
| C127  | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTEF123JE      | 1 | 376591234T  | NSP |
| C128  | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTEF123JE      | 1 | 376591234T  | NSP |
| C129  | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTEF332JE      | 1 | 376593324T  | NSP |
| C130  | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTEF332JE      | 1 | 376593324T  | NSP |
| C131  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)  | 1 | 397581007AT |     |
| C132  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)  | 1 | 397581007AT |     |
| C133  | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTEF472JE      | 1 | 376594724T  | NSP |
| C134  | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTEF472JE      | 1 | 376594724T  | NSP |
| C137  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-100M(UTSP) | 1 | 397551017AT |     |
| C138  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-100M(UTSP) | 1 | 397551017AT |     |
| C141  | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-101J       | 1 | 376621014R2 | NSP |
| C142  | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-101J       | 1 | 376621014R2 | NSP |
| C145  | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX16V-103J       | 1 | 376641034R2 | NSP |
| C146  | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX16V-103J       | 1 | 376641034R2 | NSP |
| C147  | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-101J       | 1 | 376621014R2 | NSP |
| C148  | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-101J       | 1 | 376621014R2 | NSP |
| C183  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-100M(UTSP) | 1 | 397551017AT |     |
| C184  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-100M(UTSP) | 1 | 397551017AT |     |
| C185  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-47M(UTSP)  | 1 | 397554707AT |     |
| C186  | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-47M(UTSP)  | 1 | 397554707AT |     |
| C191  | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-104K1      | 1 | 332101045R1 | NSP |
| C5601 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)  | 1 | 397581007AT |     |
| C5602 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)  | 1 | 397581007AT |     |
| C5603 | VR TYPE ELECTROLYTIC CAPACITOR   | CE04W100V-22M(VR)   | 1 | 394692207T  |     |
| C5606 | VR TYPE ELECTROLYTIC CAPACITOR   | CE04W100V-22M(VR)   | 1 | 394692207T  |     |
| C5607 | UPZ TYPE PLASTIC FILM CAPACITOR  | 2AUPZTF101JE        | 1 | 376331014T  | NSP |
| C5608 | UPZ TYPE PLASTIC FILM CAPACITOR  | 2AUPZTF471JE        | 1 | 376334714T  | NSP |
| C5609 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V 47M(UTSP)  | 1 | 397584707AT |     |
| C5701 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)  | 1 | 397581007AT |     |
| C5702 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)  | 1 | 397581007AT |     |
| C5703 | VR TYPE ELECTROLYTIC CAPACITOR   | CE04W100V-22M(VR)   | 1 | 394692207T  |     |
| C5706 | VR TYPE ELECTROLYTIC CAPACITOR   | CE04W100V-22M(VR)   | 1 | 394692207T  |     |
| C5707 | UPZ TYPE PLASTIC FILM CAPACITOR  | 2AUPZTF101JE        | 1 | 376331014T  | NSP |
| C5708 | UPZ TYPE PLASTIC FILM CAPACITOR  | 2AUPZTF471JE        | 1 | 376334714T  | NSP |
| C5709 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V 47M(UTSP)  | 1 | 397584707AT |     |

|       |                                  |                     |   |             |     |
|-------|----------------------------------|---------------------|---|-------------|-----|
| C7001 | CHIP TYPE CERAMIC CAPACITOR      | CK725B25V-105K1     | 1 | 332111055R1 | NSP |
| C7002 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-102J1     | 1 | 342101024R1 | NSP |
| C7003 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-224K1      | 1 | 332102245R1 | NSP |
| C7005 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1      | 1 | 332121045R1 | NSP |
| C7006 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1      | 1 | 332121045R1 | NSP |
| C7010 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1      | 1 | 332121045R1 | NSP |
| C7011 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1      | 1 | 332121045R1 | NSP |
| C7016 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1      | 1 | 332121045R1 | NSP |
| C7017 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1      | 1 | 332121045R1 | NSP |
| C7018 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1      | 1 | 332121045R1 | NSP |
| C7021 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-102J1     | 1 | 342101024R1 | NSP |
| C7024 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-104K1      | 1 | 332101045R1 | NSP |
| C7025 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-102J1     | 1 | 342101024R1 | NSP |
| C7026 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-102J1     | 1 | 342101024R1 | NSP |
| C7027 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1      | 1 | 332121045R1 | NSP |
| C7028 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-47M(UTSP)  | 1 | 397554707AT |     |
| C7029 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1      | 1 | 332121045R1 | NSP |
| C7030 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-47M(UTSP)  | 1 | 397554707AT |     |
| C7036 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-101J1     | 1 | 342101014R1 | NSP |
| C7037 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-101J1     | 1 | 342101014R1 | NSP |
| C7039 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-102J1     | 1 | 342101024R1 | NSP |
| C7040 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-102J1     | 1 | 342101024R1 | NSP |
| C7041 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1      | 1 | 332121045R1 | NSP |
| C7042 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-100M(UTSP) | 1 | 397531017AT |     |
| C7075 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-102J1     | 1 | 342101024R1 | NSP |
| C7501 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)  | 1 | 397582207AT |     |
| C7502 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1      | 1 | 332121045R1 | NSP |
| C7503 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-080D1     | 1 | 342100802R1 | NSP |
| C7504 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-100M(UTSP) | 1 | 397531017AT |     |
| C7505 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-100M(UTSP) | 1 | 397531017AT |     |
| C7506 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-104K1      | 1 | 332101045R1 | NSP |
| C7507 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-104K1      | 1 | 332101045R1 | NSP |
| C7511 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)  | 1 | 397582207AT |     |
| C7512 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1      | 1 | 332121045R1 | NSP |
| C7513 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-080D1     | 1 | 342100802R1 | NSP |
| C7516 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-104K1      | 1 | 332101045R1 | NSP |
| C7517 | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF102JE       | 1 | 376591024T  | NSP |
| C7518 | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF103JE       | 1 | 376591034T  | NSP |
| C7601 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-100M(UTSP) | 1 | 397531017AT |     |
| C7602 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-104K1      | 1 | 332101045R1 | NSP |
| C7603 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-221J1     | 1 | 342102214R1 | NSP |
| C7604 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-104K1      | 1 | 332101045R1 | NSP |
| C7606 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-220M(UTSP) | 1 | 397532217AT |     |
| C7607 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-104K1      | 1 | 332101045R1 | NSP |
| C7608 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-220J1     | 1 | 342102204R1 | NSP |
| C7609 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-180J1     | 1 | 342101804R1 | NSP |
| C7610 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-472K1      | 1 | 332104725R1 | NSP |
| C7611 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-473K1      | 1 | 332104735R1 | NSP |
| C7612 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-223K1      | 1 | 332102235R1 | NSP |
| C7752 | CHIP TYPE CERAMIC CAPACITOR      | CK725B25V-105K1     | 1 | 332111055R1 | NSP |
| C7756 | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-102J1     | 1 | 342101024R1 | NSP |
| C7759 | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-104K1      | 1 | 332101045R1 | NSP |
| C7773 | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX16V-104J       | 1 | 376641044R2 | NSP |
| C7774 | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX16V-104J       | 1 | 376641044R2 | NSP |
| C7776 | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-220M(UTSP) | 1 | 397552217T  |     |



|               |                                  |                     |   |             |     |
|---------------|----------------------------------|---------------------|---|-------------|-----|
| C7777         | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-470M(UTSP) | 1 | 397534717T  |     |
| C7778         | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W10V-220M(UTSP) | 1 | 397532217AT |     |
| C7801         | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-122J       | 1 | 376621224R2 | NSP |
| C7802         | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-122J       | 1 | 376621224R2 | NSP |
| C7803         | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-681J       | 1 | 376626814R2 | NSP |
| C7804         | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-681J       | 1 | 376626814R2 | NSP |
| C7805         | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-332J       | 1 | 376623324R2 | NSP |
| C7806         | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-332J       | 1 | 376623324R2 | NSP |
| C7807         | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)  | 1 | 397582207AT |     |
| C7808         | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)  | 1 | 397582207AT |     |
| C7809         | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)  | 1 | 397582207AT |     |
| C7810         | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)  | 1 | 397582207AT |     |
| C7811         | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)  | 1 | 397582207AT |     |
| C7812         | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-22M(UTSP)  | 1 | 397582207AT |     |
| C7813         | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V 47M(UTSP)  | 1 | 397584707AT |     |
| C7814         | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V 47M(UTSP)  | 1 | 397584707AT |     |
| C7815         | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-681J       | 1 | 376626814R2 | NSP |
| C7816         | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-681J       | 1 | 376626814R2 | NSP |
| C7817         | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-681J       | 1 | 376626814R2 | NSP |
| C7818         | CHIP TYPE PLASTIC FILM CAPACITOR | ECHUX50V-681J       | 1 | 376626814R2 | NSP |
| C7902         | FILM C                           | C281H474J20A21A     | 1 | 376824744T  | NSP |
| C7903         | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-104K1      | 1 | 332101045R1 | NSP |
| C7905         | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-220M(UTSP) | 1 | 397552217T  |     |
| C7906         | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-220M(UTSP) | 1 | 397552217T  |     |
| C7907         | ELECTROLYTIC CAPACITOR           | CE04W50V-18M(LXY)   | 1 | 3500246ST   |     |
| C7908         | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-10M(UTSP)  | 1 | 397581007AT |     |
| C7909         | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-104K1      | 1 | 332101045R1 | NSP |
| C7910         | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W16V-470M(UTSP) | 1 | 397544717T  |     |
| [ Resistors ] |                                  |                     |   |             |     |
| R101          | CHIP TYPE CARBON RESISTOR        | RN72K1J-100JE       | 1 | 435031004R1 | NSP |
| R102          | CHIP TYPE CARBON RESISTOR        | RN72K1J-100JE       | 1 | 435031004R1 | NSP |
| R103          | CHIP TYPE CARBON RESISTOR        | RN72K1J-101JE       | 1 | 435031014R1 | NSP |
| R104          | CHIP TYPE CARBON RESISTOR        | RN72K1J-101JE       | 1 | 435031014R1 | NSP |
| R105          | CHIP TYPE CARBON RESISTOR        | RN72K1J-103JE       | 1 | 435031034R1 | NSP |
| R106          | CHIP TYPE CARBON RESISTOR        | RN72K1J-103JE       | 1 | 435031034R1 | NSP |
| R107          | CHIP TYPE CARBON RESISTOR        | RN72K1J-000JE       | 1 | 435030004R1 | NSP |
| R108          | CHIP TYPE CARBON RESISTOR        | RN72K1J-000JE       | 1 | 435030004R1 | NSP |
| R109          | CHIP TYPE CARBON RESISTOR        | RN72K1J-562JE       | 1 | 435035624R1 | NSP |
| R110          | CHIP TYPE CARBON RESISTOR        | RN72K1J-562JE       | 1 | 435035624R1 | NSP |
| R111          | CHIP TYPE CARBON RESISTOR        | RN72K1J-221JE       | 1 | 435032214R1 | NSP |
| R112          | CHIP TYPE CARBON RESISTOR        | RN72K1J-221JE       | 1 | 435032214R1 | NSP |
| R113          | CHIP TYPE CARBON RESISTOR        | RN72K1J-221JE       | 1 | 435032214R1 | NSP |
| R114          | CHIP TYPE CARBON RESISTOR        | RN72K1J-221JE       | 1 | 435032214R1 | NSP |
| R115          | CHIP TYPE CARBON RESISTOR        | RN72K1J-562JE       | 1 | 435035624R1 | NSP |
| R116          | CHIP TYPE CARBON RESISTOR        | RN72K1J-562JE       | 1 | 435035624R1 | NSP |
| R117          | CHIP TYPE CARBON RESISTOR        | RN72K1J-153JE       | 1 | 435031534R1 | NSP |
| R118          | CHIP TYPE CARBON RESISTOR        | RN72K1J-153JE       | 1 | 435031534R1 | NSP |
| R119          | CHIP TYPE CARBON RESISTOR        | RN72K1J-472JE       | 1 | 435034724R1 | NSP |
| R120          | CHIP TYPE CARBON RESISTOR        | RN72K1J-472JE       | 1 | 435034724R1 | NSP |
| R121          | CHIP TYPE CARBON RESISTOR        | RN72K1J-102JE       | 1 | 435031024R1 | NSP |
| R122          | CHIP TYPE CARBON RESISTOR        | RN72K1J-102JE       | 1 | 435031024R1 | NSP |
| R123          | CHIP TYPE CARBON RESISTOR        | RN72K1J-153JE       | 1 | 435031534R1 | NSP |
| R124          | CHIP TYPE CARBON RESISTOR        | RN72K1J-153JE       | 1 | 435031534R1 | NSP |
| R127          | CHIP TYPE CARBON RESISTOR        | RN72K1J-392JE       | 1 | 435033924R1 | NSP |
| R128          | CHIP TYPE CARBON RESISTOR        | RN72K1J-392JE       | 1 | 435033924R1 | NSP |

|       |                           |                |   |             |     |
|-------|---------------------------|----------------|---|-------------|-----|
| R129  | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R130  | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R133  | CHIP TYPE CARBON RESISTOR | RN72K1J-224JE  | 1 | 435032244R1 | NSP |
| R134  | CHIP TYPE CARBON RESISTOR | RN72K1J-224JE  | 1 | 435032244R1 | NSP |
| R135  | CHIP TYPE CARBON RESISTOR | RN72K1J-561JE  | 1 | 435035614R1 | NSP |
| R136  | CHIP TYPE CARBON RESISTOR | RN72K1J-561JE  | 1 | 435035614R1 | NSP |
| R137  | CHIP TYPE CARBON RESISTOR | RN72K1J-274JE  | 1 | 435032744R1 | NSP |
| R138  | CHIP TYPE CARBON RESISTOR | RN72K1J-274JE  | 1 | 435032744R1 | NSP |
| R139  | CHIP TYPE CARBON RESISTOR | RN72K1J-223JE  | 1 | 435032234R1 | NSP |
| R140  | CHIP TYPE CARBON RESISTOR | RN72K1J-223JE  | 1 | 435032234R1 | NSP |
| R143  | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R144  | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R145  | CHIP TYPE CARBON RESISTOR | RN72K1J-224JE  | 1 | 435032244R1 | NSP |
| R146  | CHIP TYPE CARBON RESISTOR | RN72K1J-224JE  | 1 | 435032244R1 | NSP |
| R147  | CHIP TYPE CARBON RESISTOR | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R148  | CHIP TYPE CARBON RESISTOR | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R149  | CHIP TYPE CARBON RESISTOR | RN72K1J-563JE  | 1 | 435035634R1 | NSP |
| R150  | CHIP TYPE CARBON RESISTOR | RN72K1J-563JE  | 1 | 435035634R1 | NSP |
| R151  | CHIP TYPE CARBON RESISTOR | RN72K1J-100JE  | 1 | 435031004R1 | NSP |
| R152  | CHIP TYPE CARBON RESISTOR | RN72K1J-100JE  | 1 | 435031004R1 | NSP |
| R153  | CHIP TYPE CARBON RESISTOR | RN72K1J-474JE  | 1 | 435034744R1 | NSP |
| R154  | CHIP TYPE CARBON RESISTOR | RN72K1J-474JE  | 1 | 435034744R1 | NSP |
| R155  | CHIP TYPE CARBON RESISTOR | RN72K1J-000JE  | 1 | 435030004R1 | NSP |
| R156  | CHIP TYPE CARBON RESISTOR | RN72K1J-000JE  | 1 | 435030004R1 | NSP |
| R160  | CHIP TYPE CARBON RESISTOR | RN72K2E-100JE  | 1 | 435221004R1 | NSP |
| R181  | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R182  | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R183  | CHIP TYPE CARBON RESISTOR | RN72K1J-332JE  | 1 | 435033324R1 | NSP |
| R184  | CHIP TYPE CARBON RESISTOR | RN72K1J-332JE  | 1 | 435033324R1 | NSP |
| R190  | CHIP TYPE CARBON RESISTOR | RN72K1J-471JE  | 1 | 435034714R1 | NSP |
| R191  | CHIP TYPE CARBON RESISTOR | RN72K2E-101JE  | 1 | 435221014R1 | NSP |
| R192  | CHIP TYPE CARBON RESISTOR | RN72K2E-101JE  | 1 | 435221014R1 | NSP |
| R193  | CHIP TYPE CARBON RESISTOR | RN72K2E-101JE  | 1 | 435221014R1 | NSP |
| R194  | CHIP TYPE CARBON RESISTOR | RN72K2E-101JE  | 1 | 435221014R1 | NSP |
| R195  | CHIP TYPE CARBON RESISTOR | RN72K1J-471JE  | 1 | 435034714R1 | NSP |
| R196  | CHIP TYPE CARBON RESISTOR | RN72K2E-101JE  | 1 | 435221014R1 | NSP |
| R197  | CHIP TYPE CARBON RESISTOR | RN72K2E-101JE  | 1 | 435221014R1 | NSP |
| R5601 | C-METAL R                 | RN72K2B-223JE2 | 1 | 435112234R1 | NSP |
| R5602 | C-METAL R                 | RN72K2B-331JE2 | 1 | 435113314R1 | NSP |
| R5603 | CHIP TYPE CARBON RESISTOR | RN72K1J-104JE  | 1 | 435031044R1 | NSP |
| R5604 | CHIP TYPE CARBON RESISTOR | RN72K1J-104JE  | 1 | 435031044R1 | NSP |
| R5605 | METAL OXIDE FILM RESISTOR | RS1WBJ-3.3K    | 1 | 443623324T  | NSP |
| R5606 | CHIP TYPE CARBON RESISTOR | RN72K1J-123JE  | 1 | 435031234R1 | NSP |
| R5607 | TRIMMER RESISTOR          | N06HR1KBB      | 1 | 5211434T    | NSP |
| R5608 | CHIP TYPE CARBON RESISTOR | RN72K1J-682JE  | 1 | 435036824R1 | NSP |
| R5609 | CHIP TYPE CARBON RESISTOR | RN72K1J-682JE  | 1 | 435036824R1 | NSP |
| R5610 | CHIP TYPE CARBON RESISTOR | RN72K1J-153JE  | 1 | 435031534R1 | NSP |
| R5611 | CHIP TYPE CARBON RESISTOR | RN72K1J-682JE  | 1 | 435036824R1 | NSP |
| R5612 | CHIP TYPE CARBON RESISTOR | RN72K1J-392JE  | 1 | 435033924R1 | NSP |
| R5613 | CHIP TYPE CARBON RESISTOR | RN72K1J-123JE  | 1 | 435031234R1 | NSP |
| R5614 | METAL OXIDE FILM RESISTOR | RS1WBJ-3.3K    | 1 | 443623324T  | NSP |
| R5615 | CHIP TYPE CARBON RESISTOR | RN72K1J-152JE  | 1 | 435031524R1 | NSP |
| R5616 | C-METAL R                 | RN72K2B-331JE2 | 1 | 435113314R1 | NSP |
| R5617 | C-METAL R                 | RN72K2B-331JE2 | 1 | 435113314R1 | NSP |
| R5618 | CHIP TYPE CARBON RESISTOR | RN72K1J-152JE  | 1 | 435031524R1 | NSP |

|       |                                            |                |   |             |     |
|-------|--------------------------------------------|----------------|---|-------------|-----|
| R5621 | C-METAL R                                  | RN72K2B-182JE2 | 1 | 435111824R1 | NSP |
| R5622 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-000JE  | 1 | 435030004R1 | NSP |
| R5623 | NON-FLAMMABLE CARBON FILM RESISTO R25J-56K |                | 1 | 415475634T  |     |
| R5624 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R5625 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R5626 | NON-FLAMMABLE CARBON FILM RESISTO R25J-100 |                | 1 | 415471014T  |     |
| R5627 | C-METAL R                                  | RN72K2B-123JE2 | 1 | 435111234R1 | NSP |
| R5628 | C-METAL R                                  | RN72K2B-123JE2 | 1 | 435111234R1 | NSP |
| R5629 | NON-FLAMMABLE CARBON FILM RESISTO R25J-100 |                | 1 | 415471014T  |     |
| R5630 | C-METAL R                                  | RN72K2B-222JE2 | 1 | 435112224R1 | NSP |
| R5701 | C-METAL R                                  | RN72K2B-223JE2 | 1 | 435112234R1 | NSP |
| R5702 | C-METAL R                                  | RN72K2B-331JE2 | 1 | 435113314R1 | NSP |
| R5703 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-104JE  | 1 | 435031044R1 | NSP |
| R5704 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-104JE  | 1 | 435031044R1 | NSP |
| R5705 | METAL OXIDE FILM RESISTOR                  | RS1WBJ-3.3K    | 1 | 443623324T  | NSP |
| R5706 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-123JE  | 1 | 435031234R1 | NSP |
| R5707 | TRIMMER RESISTOR                           | N06HR1KBB      | 1 | 5211434T    | NSP |
| R5708 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-682JE  | 1 | 435036824R1 | NSP |
| R5709 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-682JE  | 1 | 435036824R1 | NSP |
| R5710 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-153JE  | 1 | 435031534R1 | NSP |
| R5711 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-682JE  | 1 | 435036824R1 | NSP |
| R5712 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-392JE  | 1 | 435033924R1 | NSP |
| R5713 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-123JE  | 1 | 435031234R1 | NSP |
| R5714 | METAL OXIDE FILM RESISTOR                  | RS1WBJ-3.3K    | 1 | 443623324T  | NSP |
| R5715 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-152JE  | 1 | 435031524R1 | NSP |
| R5716 | C-METAL R                                  | RN72K2B-331JE2 | 1 | 435113314R1 | NSP |
| R5717 | C-METAL R                                  | RN72K2B-331JE2 | 1 | 435113314R1 | NSP |
| R5718 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-152JE  | 1 | 435031524R1 | NSP |
| R5721 | C-METAL R                                  | RN72K2B-182JE2 | 1 | 435111824R1 | NSP |
| R5722 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-000JE  | 1 | 435030004R1 | NSP |
| R5723 | NON-FLAMMABLE CARBON FILM RESISTO R25J-56K |                | 1 | 415475634T  |     |
| R5724 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R5725 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R5726 | NON-FLAMMABLE CARBON FILM RESISTO R25J-100 |                | 1 | 415471014T  |     |
| R5727 | C-METAL R                                  | RN72K2B-123JE2 | 1 | 435111234R1 | NSP |
| R5728 | C-METAL R                                  | RN72K2B-123JE2 | 1 | 435111234R1 | NSP |
| R5729 | NON-FLAMMABLE CARBON FILM RESISTO R25J-100 |                | 1 | 415471014T  |     |
| R5730 | C-METAL R                                  | RN72K2B-222JE2 | 1 | 435112224R1 | NSP |
| R7002 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R7003 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-272JE  | 1 | 435032724R1 | NSP |
| R7004 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-471JE  | 1 | 435034714R1 | NSP |
| R7006 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-224JE  | 1 | 435032244R1 | NSP |
| R7007 | C-METAL R                                  | RN72K2B-010JE2 | 1 | 435110104R1 | NSP |
| R7008 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7009 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7010 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-472JE  | 1 | 435034724R1 | NSP |
| R7011 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7012 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7013 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-472JE  | 1 | 435034724R1 | NSP |
| R7015 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7016 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7017 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R7018 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-473JE  | 1 | 435034734R1 | NSP |
| R7020 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-152JE  | 1 | 435031524R1 | NSP |
| R7021 | CHIP TYPE CARBON RESISTOR                  | RN72K1J-104JE  | 1 | 435031044R1 | NSP |

|       |                           |                |   |             |     |
|-------|---------------------------|----------------|---|-------------|-----|
| R7022 | CHIP TYPE CARBON RESISTOR | RN72K1J-473JE  | 1 | 435034734R1 | NSP |
| R7024 | CHIP TYPE CARBON RESISTOR | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R7025 | CHIP TYPE CARBON RESISTOR | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R7026 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7027 | CHIP TYPE CARBON RESISTOR | RN72K1J-563JE  | 1 | 435035634R1 | NSP |
| R7028 | CHIP TYPE CARBON RESISTOR | RN72K1J-152JE  | 1 | 435031524R1 | NSP |
| R7029 | CHIP TYPE CARBON RESISTOR | RN72K1J-473JE  | 1 | 435034734R1 | NSP |
| R7031 | CHIP TYPE CARBON RESISTOR | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R7033 | CHIP TYPE CARBON RESISTOR | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R7034 | CHIP TYPE CARBON RESISTOR | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R7035 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7036 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7037 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7039 | CHIP TYPE CARBON RESISTOR | RN72K1J-101JE  | 1 | 435031014R1 | NSP |
| R7040 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7041 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7042 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7043 | CHIP TYPE CARBON RESISTOR | RN72K1J-102JE  | 1 | 435031024R1 | NSP |
| R7046 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7047 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7048 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7049 | CHIP TYPE CARBON RESISTOR | RN72K1J-272JE  | 1 | 435032724R1 | NSP |
| R7050 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7051 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7052 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7053 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7054 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7055 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7056 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7059 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7060 | CHIP TYPE CARBON RESISTOR | RN72K1J-472JE  | 1 | 435034724R1 | NSP |
| R7061 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7062 | CHIP TYPE CARBON RESISTOR | RN72K1J-103JE  | 1 | 435031034R1 | NSP |
| R7063 | CHIP TYPE CARBON RESISTOR | RN72K1J-103JE  | 1 | 435031034R1 | NSP |
| R7064 | C-METAL R                 | RN72K2B-101JE2 | 1 | 435111014R1 | NSP |
| R7065 | CHIP TYPE CARBON RESISTOR | RN72K1J-473JE  | 1 | 435034734R1 | NSP |
| R7066 | CHIP TYPE CARBON RESISTOR | RN72K1J-474JE  | 1 | 435034744R1 | NSP |
| R7067 | CHIP TYPE CARBON RESISTOR | RN72K1J-473JE  | 1 | 435034734R1 | NSP |
| R7068 | CHIP TYPE CARBON RESISTOR | RN72K1J-473JE  | 1 | 435034734R1 | NSP |
| R7069 | CHIP TYPE CARBON RESISTOR | RN72K1J-473JE  | 1 | 435034734R1 | NSP |
| R7070 | CHIP TYPE CARBON RESISTOR | RN72K1J-473JE  | 1 | 435034734R1 | NSP |
| R7071 | C-METAL R                 | RN72K2B-101JE2 | 1 | 435111014R1 | NSP |
| R7074 | CHIP TYPE CARBON RESISTOR | RN72K1J-563JE  | 1 | 435035634R1 | NSP |
| R7075 | CHIP TYPE CARBON RESISTOR | RN72K1J-101JE  | 1 | 435031014R1 | NSP |
| R7076 | CHIP TYPE CARBON RESISTOR | RN72K1J-101JE  | 1 | 435031014R1 | NSP |
| R7077 | CHIP TYPE CARBON RESISTOR | RN72K1J-272JE  | 1 | 435032724R1 | NSP |
| R7078 | CHIP TYPE CARBON RESISTOR | RN72K1J-272JE  | 1 | 435032724R1 | NSP |
| R7079 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7080 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7081 | CHIP TYPE CARBON RESISTOR | RN72K1J-471JE  | 1 | 435034714R1 | NSP |
| R7082 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7083 | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R7084 | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R7085 | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R7086 | CHIP TYPE CARBON RESISTOR | RN72K1J-101JE  | 1 | 435031014R1 | NSP |

|       |                           |                |   |             |     |
|-------|---------------------------|----------------|---|-------------|-----|
| R7087 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7088 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7089 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7090 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7094 | CHIP TYPE CARBON RESISTOR | RN72K1J-473JE  | 1 | 435034734R1 | NSP |
| R7095 | CHIP TYPE CARBON RESISTOR | RN72K1J-222JE  | 1 | 435032224R1 | NSP |
| R7096 | CHIP TYPE CARBON RESISTOR | RN72K1J-222JE  | 1 | 435032224R1 | NSP |
| R7097 | CHIP TYPE CARBON RESISTOR | RN72K1J-105JE  | 1 | 435031054R1 | NSP |
| R7501 | CHIP TYPE CARBON RESISTOR | RN72K1J-750JE  | 1 | 435037504R1 | NSP |
| R7503 | CHIP TYPE CARBON RESISTOR | RN72K1J-680JE  | 1 | 435036804R1 | NSP |
| R7505 | CHIP TYPE CARBON RESISTOR | RN72K1J-823JE  | 1 | 435038234R1 | NSP |
| R7506 | CHIP TYPE CARBON RESISTOR | RN72K1J-103JE  | 1 | 435031034R1 | NSP |
| R7507 | CHIP TYPE CARBON RESISTOR | RN72K1J-101JE  | 1 | 435031014R1 | NSP |
| R7508 | CHIP TYPE CARBON RESISTOR | RN72K1J-560JE  | 1 | 435035604R1 | NSP |
| R7509 | CHIP TYPE CARBON RESISTOR | RN72K1J-560JE  | 1 | 435035604R1 | NSP |
| R7511 | CHIP TYPE CARBON RESISTOR | RN72K1J-750JE  | 1 | 435037504R1 | NSP |
| R7513 | CHIP TYPE CARBON RESISTOR | RN72K1J-680JE  | 1 | 435036804R1 | NSP |
| R7515 | CHIP TYPE CARBON RESISTOR | RN72K1J-823JE  | 1 | 435038234R1 | NSP |
| R7516 | CHIP TYPE CARBON RESISTOR | RN72K1J-103JE  | 1 | 435031034R1 | NSP |
| R7517 | CHIP TYPE CARBON RESISTOR | RN72K1J-101JE  | 1 | 435031014R1 | NSP |
| R7601 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7602 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7613 | CHIP TYPE CARBON RESISTOR | RN72K1J-103JE  | 1 | 435031034R1 | NSP |
| R7614 | CHIP TYPE CARBON RESISTOR | RN72K1J-103JE  | 1 | 435031034R1 | NSP |
| R7615 | CHIP TYPE CARBON RESISTOR | RN72K1J-151JE  | 1 | 435031514R1 | NSP |
| R7616 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7617 | CHIP TYPE CARBON RESISTOR | RN72K1J-151JE  | 1 | 435031514R1 | NSP |
| R7618 | CHIP TYPE CARBON RESISTOR | RN72K1J-221JE  | 1 | 435032214R1 | NSP |
| R7619 | CHIP TYPE CARBON RESISTOR | RN72K1J-221JE  | 1 | 435032214R1 | NSP |
| R7620 | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R7621 | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R7622 | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R7623 | CHIP TYPE CARBON RESISTOR | RN72K1J-471JE  | 1 | 435034714R1 | NSP |
| R7624 | CHIP TYPE CARBON RESISTOR | RN72K1J-221JE  | 1 | 435032214R1 | NSP |
| R7625 | CHIP TYPE CARBON RESISTOR | RN72K1J-221JE  | 1 | 435032214R1 | NSP |
| R7626 | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R7628 | CHIP TYPE CARBON RESISTOR | RN72K1J-221JE  | 1 | 435032214R1 | NSP |
| R7629 | CHIP TYPE CARBON RESISTOR | RN72K1J-681JE  | 1 | 435036814R1 | NSP |
| R7630 | CHIP TYPE CARBON RESISTOR | RN72K1J-471JE  | 1 | 435034714R1 | NSP |
| R7631 | C-METAL R                 | RN72K2B-000JE2 | 1 | 435110004R1 | NSP |
| R7650 | CHIP TYPE CARBON RESISTOR | RN72K1J-000JE  | 1 | 435030004R1 | NSP |
| R7651 | CHIP TYPE CARBON RESISTOR | RN72K1J-000JE  | 1 | 435030004R1 | NSP |
| R7750 | CHIP TYPE CARBON RESISTOR | RN72K1J-221JE  | 1 | 435032214R1 | NSP |
| R7751 | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R7752 | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R7753 | CHIP TYPE CARBON RESISTOR | RN72K1J-331JE  | 1 | 435033314R1 | NSP |
| R7756 | CHIP TYPE CARBON RESISTOR | RN72K1J-221JE  | 1 | 435032214R1 | NSP |
| R7759 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7760 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7761 | CHIP TYPE CARBON RESISTOR | RN72K1J-470JE  | 1 | 435034704R1 | NSP |
| R7762 | CHIP TYPE CARBON RESISTOR | RN72K1J-473JE  | 1 | 435034734R1 | NSP |
| R7766 | CHIP TYPE CARBON RESISTOR | RN72K1J-473JE  | 1 | 435034734R1 | NSP |
| R7767 | CHIP TYPE CARBON RESISTOR | RN72K1J-473JE  | 1 | 435034734R1 | NSP |
| R7769 | CHIP TYPE CARBON RESISTOR | RN72K1J-473JE  | 1 | 435034734R1 | NSP |
| R7770 | CHIP TYPE CARBON RESISTOR | RN72K1J-473JE  | 1 | 435034734R1 | NSP |

[illegible]

|                                |                                             |                   |     |             |       |
|--------------------------------|---------------------------------------------|-------------------|-----|-------------|-------|
| R7881                          | CHIP TYPE CARBON RESISTOR                   | RN72K1J-681JE     | 1   | 435036814R1 | NSP   |
| R7882                          | CHIP TYPE CARBON RESISTOR                   | RN72K1J-681JE     | 1   | 435036814R1 | NSP   |
| R7883                          | CHIP TYPE CARBON RESISTOR                   | RN72K1J-681JE     | 1   | 435036814R1 | NSP   |
| R7884                          | CHIP TYPE CARBON RESISTOR                   | RN72K1J-681JE     | 1   | 435036814R1 | NSP   |
| R7885                          | CHIP TYPE CARBON RESISTOR                   | RN72K1J-221JE     | 1   | 435032214R1 | NSP   |
| R7886                          | CHIP TYPE CARBON RESISTOR                   | RN72K1J-221JE     | 1   | 435032214R1 | NSP   |
| R7887                          | CHIP TYPE CARBON RESISTOR                   | RN72K1J-221JE     | 1   | 435032214R1 | NSP   |
| R7888                          | CHIP TYPE CARBON RESISTOR                   | RN72K1J-221JE     | 1   | 435032214R1 | NSP   |
| R7902                          | NON-FLAMMABLE CARBON FILM RESISTOR R25J-4.7 |                   | 1   | 415470474T  |       |
| R7903                          | CHIP TYPE CARBON RESISTOR                   | RN72K1J-220JE     | 1   | 435032204R1 | NSP   |
| R7904                          | CHIP TYPE CARBON RESISTOR                   | RN72K1J-220JE     | 1   | 435032204R1 | NSP   |
| R7905                          | CHIP TYPE CARBON RESISTOR                   | RN72K2E-010JE     | 1   | 435220104R1 | NSP   |
| R7906                          | CHIP TYPE CARBON RESISTOR                   | RN72K1J-220JE     | 1   | 435032204R1 | NSP   |
| R7907                          | CHIP TYPE CARBON RESISTOR                   | RN72K2E-100JE     | 1   | 435221004R1 | NSP   |
| R7908                          | CHIP TYPE CARBON RESISTOR                   | RN72K2E-000JE     | 1   | 435220004R1 | NSP   |
| R7909                          | CHIP TYPE CARBON RESISTOR                   | RN72K1J-184JE     | 1   | 435031844R1 | NSP   |
| R7910                          | C-METAL R                                   | RN72K2B-000JE2    | 1   | 435110004R1 | NSP   |
| [ Switches, Terminals, Wires ] |                                             |                   |     |             |       |
| P020F                          | PRINTED WIRING BOARD                        | BCAMP-2451        | {1} | 25142451    | N NSP |
| P030                           | PRINTED WIRING BOARD                        | BCDG-2445         | 1   | 25142445A   | N NSP |
| P030B                          | PRINTED WIRING BOARD                        | BCAMP-2443        | {1} | 25142443    | N NSP |
| P030L                          | PRINTED WIRING BOARD                        | BCAF-2449         | {1} | 25142449    | N NSP |
| P101                           | PIN JACK                                    | NPJ-1PDW733       | 1   | 25045975    |       |
| P102                           | PIN JACK                                    | NPJ-1PDR732       | 1   | 25045974    |       |
| P110                           | TRM(SCREW)                                  | TER21-0130V       | 1   | 25060533    | NSP   |
| P120                           | TERMINAL                                    | NTM-1P233(M1969)  | 1   | 25060302    | NSP   |
| P121                           | TRM(SCREW)                                  | TER21-0130V       | 1   | 25060533    | NSP   |
| P404A                          | SOCKET                                      | NSCT-9P2189       | 1   | 25052292    | NSP   |
| P409B                          | PLUG                                        | NPLG-3P350        | 1   | 25055367    | NSP   |
| P5001B                         | SOCKET                                      | NSCT-9P2189       | 1   | 25052292    | NSP   |
| P5002B                         | SOCKET                                      | NSCT-9P2189       | 1   | 25052292    | NSP   |
| P7001                          | ST JACK                                     | MSJ-035-22        | 1   | 25045887    |       |
| P7001A                         | SOCKET                                      | NSCT-13P2193      | 1   | 25052296    | NSP   |
| P7002A                         | SOCKET                                      | IMSA-9111S-16L    | 1   | 25053258    | NSP   |
| P7003A                         | SOCKET                                      | IMSA-9111S-16L    | 1   | 25053258    | NSP   |
| P7011                          | SOCKET                                      | IMSA-9618S-09A    | 1   | 25053334R2  | NSP   |
| P7501                          | PIN JACK                                    | NPJ-2PDO666       | 1   | 25045895    |       |
| P7521                          | TRM(SCREW)                                  | TER21-0130V       | 1   | 25060533    | NSP   |
| P903B                          | PLUG                                        | NPLG-7P354        | 1   | 25055371    | NSP   |
| P909B                          | CRIMP CORD ASSEMBLY                         | CRIMP SR805_2     | 1   | 20799170UL  | NSP   |
| RL101                          | RELAY                                       | NRL-2P2A-DC12-207 | 1   | 25065726    |       |
| RL102                          | RELAY                                       | NRL-2P2A-DC12-207 | 1   | 25065726    |       |

## BADIS-2434-1C

## &lt;Note&gt;

1. Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
2. 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.

: NSP



| REF. NO.                | PART NAME       | DESCRIPTION       | Q'TY | PART NO. (SN) | REMARKS |
|-------------------------|-----------------|-------------------|------|---------------|---------|
| [ Semi-conductors ]     |                 |                   |      |               |         |
| D7105                   | LED             | SCPW3618E-D2      | 1    | 225495        |         |
| D7105A                  | HOLDER          | (LED-LH5-2)       | 1    | 27191336      | NSP     |
| D7106                   | LED             | SCPW3618E-D2      | 1    | 225495        |         |
| D7106A                  | HOLDER          | (LED-LH5-2)       | 1    | 27191336      | NSP     |
| D7107                   | LED             | SCPW3618E-D2      | 1    | 225495        |         |
| D7107A                  | HOLDER          | (LED-LH5-2)       | 1    | 27191336      | NSP     |
| D7108                   | LED             | SCPW3618E-D2      | 1    | 225495        |         |
| D7108A                  | HOLDER          | (LED-LH5-2)       | 1    | 27191336      | NSP     |
| D7109                   | LED             | SCB3318E-D2       | 1    | 225487        |         |
| D7109A                  | HOLDER          | (LED-LH5-2)       | 1    | 27191336      | NSP     |
| D7110                   | LED             | SCB3318E-D2       | 1    | 225487        |         |
| D7110A                  | HOLDER          | (LED-LH5-2)       | 1    | 27191336      | NSP     |
| D7111                   | LED             | SCB3318E-D2       | 1    | 225487        |         |
| D7111A                  | HOLDER          | (LED-LH5-2)       | 1    | 27191336      | NSP     |
| D7112                   | LED             | SCB3318E-D2       | 1    | 225487        |         |
| D7112A                  | HOLDER          | (LED-LH5-2)       | 1    | 27191336      | NSP     |
| D7113                   | LED             | SCB3318E-D2       | 1    | 225487        |         |
| D7113A                  | HOLDER          | (LED-LH5-2)       | 1    | 27191336      | NSP     |
| D7114                   | LED             | HLMP-Y701         | 1    | 225528        |         |
| D7115                   | LED             | SCB3318E-D2       | 1    | 225487        |         |
| D7116                   | LED             | SCB3318E-D2       | 1    | 225487        |         |
| D7118                   | LED             | SCB3318E-D2       | 1    | 225487        |         |
| D7119                   | LED             | SCB3318E-D2       | 1    | 225487        |         |
| D7120                   | LED             | SCB3318E-D2       | 1    | 225487        |         |
| D901                    | CHIP TYPE DIODE | S1NB60-4062       | 1    | 22380318R2    | NSP     |
| D902                    | CHIP TYPE DIODE | DA2J10100         | 1    | 223303R2      | NSP     |
| D903                    | CHIP TYPE DIODE | DA2J10100         | 1    | 223303R2      | NSP     |
| D951                    | CHIP TYPE DIODE | KDS4148U          | 1    | 223283R2      | NSP     |
| D952                    | CHIP TYPE DIODE | KDS4148U          | 1    | 223283R2      | NSP     |
| D953                    | CHIP TYPE DIODE | KDS4148U          | 1    | 223283R2      | NSP     |
| D954                    | CHIP TYPE DIODE | KDS4148U          | 1    | 223283R2      | NSP     |
| D955                    | CHIP TYPE DIODE | KDS4148U          | 1    | 223283R2      | NSP     |
| D956                    | CHIP TYPE DIODE | KDS4148U          | 1    | 223283R2      | NSP     |
| D957                    | CHIP TYPE DIODE | KDS4148U          | 1    | 223283R2      | NSP     |
| D958                    | CHIP TYPE DIODE | KDS4148U          | 1    | 223283R2      | NSP     |
| D959                    | CHIP TYPE DIODE | DA2J10100         | 1    | 223303R2      | NSP     |
| D961                    | ZENER DIODE     | DZ2J047M0L        | 1    | 224760470R2   | NSP     |
| D965                    | DIODE           | RL1N4003          | 1    | 22380260T     | NSP     |
| D966                    | DIODE           | RL1N4003          | 1    | 22380260T     | NSP     |
| D967                    | DIODE           | RL1N4003          | 1    | 22380260T     | NSP     |
| Q480                    | HYBRID IC       | NJM4580CG         | 1    | 22242922R2    | NSP     |
| Q7101                   | HYBRID IC       | TLC59281DBQR      | 1    | 22243284R2    | NSP     |
| Q7102                   | HYBRID IC       | BD6211F           | 1    | 22243283R2    | NSP     |
| Q7103                   | REMOTE SENSOR   | IRM-3638M3S28     | 1    | 24130026      |         |
| Q7104                   | HYBRID IC       | S-1333A33-M5T1U3  | 1    | 22242934R2    | NSP     |
| Q7105                   | TRANSISTOR      | 2SC2712-GR        | 1    | 2213145R2     | NSP     |
| Q901                    | TRANSISTOR      | KRC105S           | 1    | 2217290R2     | NSP     |
| Q902                    | TRANSISTOR      | KRC105S           | 1    | 2217290R2     | NSP     |
| Q904                    | HYBRID IC       | 78M05(NJM78M05FA) | 1    | 222780055JRC  |         |
| Q904A                   | HEAT SINK       | ME151025402170    | 1    | 27160692      | NSP     |
| Q904B                   | SCREW           | 3P+6FN(3BC)       | 1    | 82143006GR    | NSP     |
| Q952                    | TRANSISTOR      | KRC105S           | 1    | 2217290R2     | NSP     |
| [ Transformers, Coils ] |                 |                   |      |               |         |



|                |                                  |                      |   |             |     |
|----------------|----------------------------------|----------------------|---|-------------|-----|
| L7101          | CORE                             | BLM18PG181SN1D       | 1 | 2350005R1   | NSP |
| T951           | POWER TRANSFORMER                | NPT-1520JQ           | 1 | 2301812A    | !   |
| [ Capacitors ] |                                  |                      |   |             |     |
| C481           | CHIP TYPE PLASTIC FILM CAPACITOR | 63MU221KZ12012       | 1 | 376992215R2 | NSP |
| C482           | CHIP TYPE PLASTIC FILM CAPACITOR | 63MU221KZ12012       | 1 | 376992215R2 | NSP |
| C483           | UPZ TYPE PLASTIC FILM CAPACITOR  | 2AUPZTF221JE         | 1 | 376332214T  | NSP |
| C484           | UPZ TYPE PLASTIC FILM CAPACITOR  | 2AUPZTF221JE         | 1 | 376332214T  | NSP |
| C485           | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF102JE        | 1 | 376591024T  | NSP |
| C491           | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-220M(UTSP)  | 1 | 397552217T  |     |
| C492           | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-220M(UTSP)  | 1 | 397552217T  |     |
| C7101          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1       | 1 | 332121045R1 | NSP |
| C7102          | ELECTROLYTIC CAPACITOR           | CE04W16V-100M        | 1 | 355741019T  |     |
| C7103          | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-471J1      | 1 | 342104714R1 | NSP |
| C7104          | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-471J1      | 1 | 342104714R1 | NSP |
| C7105          | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-471J1      | 1 | 342104714R1 | NSP |
| C7107          | ELECTROLYTIC CAPACITOR           | CE04W16V-100M        | 1 | 355741019T  |     |
| C7108          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1       | 1 | 332121045R1 | NSP |
| C7110          | ELECTROLYTIC CAPACITOR           | CE04W16V-10M         | 1 | 355741009T  |     |
| C7111          | ELECTROLYTIC CAPACITOR           | CE04W16V-10M         | 1 | 355741009T  |     |
| C7112          | ELECTROLYTIC CAPACITOR           | CE04W16V-10M         | 1 | 355741009T  |     |
| C7113          | ELECTROLYTIC CAPACITOR           | CE04W16V-10M         | 1 | 355741009T  |     |
| C7121          | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-471J1      | 1 | 342104714R1 | NSP |
| C7130          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-223K1       | 1 | 332102235R1 | NSP |
| C7131          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-223K1       | 1 | 332102235R1 | NSP |
| C7132          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-223K1       | 1 | 332102235R1 | NSP |
| C7133          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-223K1       | 1 | 332102235R1 | NSP |
| C7134          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-223K1       | 1 | 332102235R1 | NSP |
| C7135          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-223K1       | 1 | 332102235R1 | NSP |
| C7136          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-223K1       | 1 | 332102235R1 | NSP |
| C7137          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-223K1       | 1 | 332102235R1 | NSP |
| C7138          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-223K1       | 1 | 332102235R1 | NSP |
| C7140          | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-47M(UTSP)   | 1 | 397554707AT |     |
| C7141          | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF102JE        | 1 | 376591024T  | NSP |
| C7142          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-223K1       | 1 | 332102235R1 | NSP |
| C7144          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1H-223K1       | 1 | 332102235R1 | NSP |
| C7145          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1       | 1 | 332121045R1 | NSP |
| C7146          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1C-104K1       | 1 | 332121045R1 | NSP |
| C7160          | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-101J1      | 1 | 342101014R1 | NSP |
| C7161          | CHIP TYPE CERAMIC CAPACITOR      | CC725CH1H-101J1      | 1 | 342101014R1 | NSP |
| C7170          | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF102JE        | 1 | 376591024T  | NSP |
| C7171          | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF102JE        | 1 | 376591024T  | NSP |
| C7173          | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF102JE        | 1 | 376591024T  | NSP |
| C7181          | ELECTROLYTIC CAPACITOR           | CE04W16V-100M        | 1 | 355741019T  |     |
| C7182          | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF102JE        | 1 | 376591024T  | NSP |
| C7183          | UMXR TYPE PLASTIC FILM CAPACITOR | 1JUMXRTF102JE        | 1 | 376591024T  | NSP |
| C7191          | CHIP TYPE CERAMIC CAPACITOR      | CK725B1A-105K1       | 1 | 332131055R1 | NSP |
| C7192          | ELECTROLYTIC CAPACITOR           | CE04W16V-100M        | 1 | 355741019T  |     |
| C901           | FILM C                           | C281H334J20A21A      | 1 | 376823344T  | NSP |
| C902           | FILM C                           | C281H334J20A21A      | 1 | 376823344T  | NSP |
| C903           | UTSK C                           | CE04W16V-3300M(UTSK) | 1 | 398343327S  |     |
| C904           | FILM C                           | C281H104J20A21A      | 1 | 376821044T  | NSP |
| C905           | FILM C                           | C281H104J20A21A      | 1 | 376821044T  | NSP |
| C906           | FILM C                           | C281H104J20A21A      | 1 | 376821044T  | NSP |
| C907           | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W25V-47M(UTSP)   | 1 | 397554707AT |     |
| C951           | IS TYPE CAPACITOR                | DE1E3KX102MB4BL01    | 1 | 3300066S    | !   |

|               |                                  |                      |   |             |     |
|---------------|----------------------------------|----------------------|---|-------------|-----|
| C952          | IS TYPE CAPACITOR                | DE1E3KX102MB4BL01    | 1 | 3300066S    | !   |
| C954          | FILM C                           | C281H104J20A21A      | 1 | 376821044T  | NSP |
| C955          | VR TYPE ELECTROLYTIC CAPACITOR   | CE04W25V-2200M(VR)   | 1 | 394652227S  |     |
| C956          | UTSK C                           | CE04W25V-1000M(UTSK) | 1 | 398351027S  |     |
| C957          | UTSP TYPE ELECTROLYTIC CAPACITOR | CE04W50V-4.7M(UTSP)  | 1 | 397580477AT |     |
| C959          | FILM C                           | C281H104J20A21A      | 1 | 376821044T  | NSP |
| [ Resistors ] |                                  |                      |   |             |     |
| R481          | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R482          | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R483          | CHIP TYPE CARBON RESISTOR        | RN72K1J-470JE        | 1 | 435034704R1 | NSP |
| R484          | CHIP TYPE CARBON RESISTOR        | RN72K1J-470JE        | 1 | 435034704R1 | NSP |
| R485          | CHIP TYPE CARBON RESISTOR        | RN72K1J-104JE        | 1 | 435031044R1 | NSP |
| R486          | CHIP TYPE CARBON RESISTOR        | RN72K1J-104JE        | 1 | 435031044R1 | NSP |
| R487          | CHIP TYPE CARBON RESISTOR        | RN72K1J-224JE        | 1 | 435032244R1 | NSP |
| R488          | CHIP TYPE CARBON RESISTOR        | RN72K1J-224JE        | 1 | 435032244R1 | NSP |
| R493          | CHIP TYPE CARBON RESISTOR        | RN72K2E-220JE        | 1 | 435222204R1 | NSP |
| R494          | CHIP TYPE CARBON RESISTOR        | RN72K2E-220JE        | 1 | 435222204R1 | NSP |
| R7102         | CHIP TYPE CARBON RESISTOR        | RN72K1J-101JE        | 1 | 435031014R1 | NSP |
| R7103         | CHIP TYPE CARBON RESISTOR        | RN72K1J-101JE        | 1 | 435031014R1 | NSP |
| R7104         | CHIP TYPE CARBON RESISTOR        | RN72K1J-101JE        | 1 | 435031014R1 | NSP |
| R7105         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7106         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7107         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7108         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7109         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7110         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7111         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7112         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7113         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7114         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7115         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7116         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7118         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7119         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7120         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7121         | CHIP TYPE CARBON RESISTOR        | RN72K1J-223JE        | 1 | 435032234R1 | NSP |
| R7122         | CHIP TYPE CARBON RESISTOR        | RN72K1J-473JE        | 1 | 435034734R1 | NSP |
| R7123         | CHIP TYPE CARBON RESISTOR        | RN72K1J-223JE        | 1 | 435032234R1 | NSP |
| R7125         | CHIP TYPE CARBON RESISTOR        | RN72K1J-271JE        | 1 | 435032714R1 | NSP |
| R7126         | CHIP TYPE CARBON RESISTOR        | RN72K1J-331JE        | 1 | 435033314R1 | NSP |
| R7128         | CHIP TYPE CARBON RESISTOR        | RN72K1J-471JE        | 1 | 435034714R1 | NSP |
| R7130         | VARIABLE RESISTOR                | N11RLC20KB27Z        | 1 | 5121553     |     |
| R7131         | VARIABLE RESISTOR                | N11RLC20KB27Z        | 1 | 5121553     |     |
| R7132         | VARIABLE RESISTOR                | N11RLC20KB27Z        | 1 | 5121553     |     |
| R7133         | CHIP TYPE CARBON RESISTOR        | RN72K1J-474JE        | 1 | 435034744R1 | NSP |
| R7134         | CHIP TYPE CARBON RESISTOR        | RN72K1J-474JE        | 1 | 435034744R1 | NSP |
| R7135         | CHIP TYPE CARBON RESISTOR        | RN72K1J-474JE        | 1 | 435034744R1 | NSP |
| R7136         | CHIP TYPE CARBON RESISTOR        | RN72K1J-102JE        | 1 | 435031024R1 | NSP |
| R7137         | CHIP TYPE CARBON RESISTOR        | RN72K1J-102JE        | 1 | 435031024R1 | NSP |
| R7138         | CHIP TYPE CARBON RESISTOR        | RN72K1J-102JE        | 1 | 435031024R1 | NSP |
| R7140         | CHIP TYPE CARBON RESISTOR        | RN72K1J-104JE        | 1 | 435031044R1 | NSP |
| R7141         | CHIP TYPE CARBON RESISTOR        | RN72K1J-000JE        | 1 | 435030004R1 | NSP |
| R7142         | CHIP TYPE CARBON RESISTOR        | RN72K1J-221JE        | 1 | 435032214R1 | NSP |
| R7143         | CHIP TYPE CARBON RESISTOR        | RN72K1J-221JE        | 1 | 435032214R1 | NSP |
| R7144         | CHIP TYPE CARBON RESISTOR        | RN72K1J-104JE        | 1 | 435031044R1 | NSP |

|                                |                           |                |     |               |       |
|--------------------------------|---------------------------|----------------|-----|---------------|-------|
| R7145                          | CHIP TYPE CARBON RESISTOR | RN72K1J-104JE  | 1   | 435031044R1   | NSP   |
| R7150                          | VARIABLE RESISTOR         | N16RGL20KB25M  | 1   | 5142522       |       |
| R7151                          | CHIP TYPE CARBON RESISTOR | RN72K1J-474JE  | 1   | 435034744R1   | NSP   |
| R7152                          | CHIP TYPE CARBON RESISTOR | RN72K1J-102JE  | 1   | 435031024R1   | NSP   |
| R7160                          | CHIP TYPE CARBON RESISTOR | RN72K1J-102JE  | 1   | 435031024R1   | NSP   |
| R7161                          | CHIP TYPE CARBON RESISTOR | RN72K1J-102JE  | 1   | 435031024R1   | NSP   |
| R7162                          | CHIP TYPE CARBON RESISTOR | RN72K1J-104JE  | 1   | 435031044R1   | NSP   |
| R7163                          | CHIP TYPE CARBON RESISTOR | RN72K1J-104JE  | 1   | 435031044R1   | NSP   |
| R7181                          | CHIP TYPE CARBON RESISTOR | RN72K1J-101JE  | 1   | 435031014R1   | NSP   |
| R7184                          | CHIP TYPE CARBON RESISTOR | RN72K1J-102JE  | 1   | 435031024R1   | NSP   |
| R7191                          | CHIP TYPE CARBON RESISTOR | RN72K1J-101JE  | 1   | 435031014R1   | NSP   |
| R7193                          | CHIP TYPE CARBON RESISTOR | RN72K1J-104JE  | 1   | 435031044R1   | NSP   |
| R901                           | METAL RESISTOR            | RNU1/2WCJ-2.2  | 1   | 453530224T    | NSP   |
| R902                           | METAL RESISTOR            | RNU1/2WCJ-2.2  | 1   | 453530224T    | NSP   |
| R903                           | METAL RESISTOR            | RNU1/2WCJ-2.2  | 1   | 453530224T    | NSP   |
| R956                           | CHIP TYPE CARBON RESISTOR | RN72K1J-473JE  | 1   | 435034734R1   | NSP   |
| R957                           | CHIP TYPE CARBON RESISTOR | RN72K1J-103JE  | 1   | 435031034R1   | NSP   |
| R958                           | METAL OXIDE FILM RESISTOR | RS1/2WBJ-56    | 1   | 443525604T    | NSP   |
| R965                           | METAL RESISTOR            | RNU1/2WCJ-2.2  | 1   | 453530224T    | NSP   |
| R966                           | METAL RESISTOR            | RNU1/2WCJ-2.2  | 1   | 453530224T    | NSP   |
| R967                           | CHIP TYPE CARBON RESISTOR | RN72K1J-000JE  | 1   | 435030004R1   | NSP   |
| [ Switches, Terminals, Wires ] |                           |                |     |               |       |
| F901A                          | FUSE HOLDER               | NSCT-1P2031    | 1   | 25052133T     | ! NSP |
| F901B                          | FUSE HOLDER               | NSCT-1P2031    | 1   | 25052133T     | ! NSP |
| F902A                          | FUSE HOLDER               | NSCT-1P2031    | 1   | 25052133T     | ! NSP |
| F902B                          | FUSE HOLDER               | NSCT-1P2031    | 1   | 25052133T     | ! NSP |
| F951A                          | FUSE HOLDER               | NSCT-1P2031    | 1   | 25052133T     | ! NSP |
| F951B                          | FUSE HOLDER               | NSCT-1P2031    | 1   | 25052133T     | ! NSP |
| P020                           | PRINTED WIRING BOARD      | BCDIS-2434     | 1   | 25142434A     | N NSP |
| P020B                          | PRINTED WIRING BOARD      | BCETC-2435     | {1} | 25142435      | N NSP |
| P020C                          | PRINTED WIRING BOARD      | BCDIS-2436     | {1} | 25142436      | N NSP |
| P020D                          | PRINTED WIRING BOARD      | BCETC-2437     | {1} | 25142437      | N NSP |
| P020E                          | PRINTED WIRING BOARD      | BCETC-2438     | {1} | 25142438      | N NSP |
| P020G                          | PRINTED WIRING BOARD      | BCPS-2440      | {1} | 25142440      | N NSP |
| P020H                          | PRINTED WIRING BOARD      | BCETC-2441     | {1} | 25142441      | N NSP |
| P020J                          | PRINTED WIRING BOARD      | BCETC-2446     | {1} | 25142446      | N NSP |
| P030K                          | PRINTED WIRING BOARD      | BCPS-2448      | {1} | 25142448      | N NSP |
| P403A                          | SOCKET                    | NSCT-9P2189    | 1   | 25052292      | NSP   |
| P405                           | PIN JACK                  | NPJ-4PDRW806   | 1   | 25046079      |       |
| P480                           | TRM(SCREW)                | TER21-0130V    | 1   | 25060533      | NSP   |
| P481                           | WS CLAMP                  | CB-71683(L=50) | 1   | 260261        | NSP   |
| P514                           | WIRE HARNESS ASSEMBLY     | NSAS-5P2108    | 1   | 2009991297UL  | NSP   |
| P514A                          | WIRE HOL                  | CHD-1.5-5      | 1   | 25053536      | NSP   |
| P7101                          | WIRE HARNESS ASSEMBLY     | NSAS-11P2157   | 1   | 2009991346UL  | NSP   |
| P7101A                         | WIRE HOL                  | CHD-1.5-11     | 1   | 25053539      | NSP   |
| P7102                          | WIRE HARNESS ASSEMBLY     | NSAS-9P2141    | 1   | 2009991330UL  | NSP   |
| P7102A                         | WIRE HOL                  | CHD-1.5-9      | 1   | 25053538      | NSP   |
| P7104A                         | WIRE HARNESS ASSEMBLY     | NSAS-26P2495   | 1   | 2004C392608UL | NSP   |
| P7104B                         | PLUG                      | NPLG-13P360    | 1   | 25055377      | NSP   |
| P7105A                         | WIRE HARNESS ASSEMBLY     | NSAS-14P2497   | 1   | 2004C391408UL | NSP   |
| P7105B                         | PLUG                      | NPLG-7P354     | 1   | 25055371      | NSP   |
| P7106A                         | WIRE HOL                  | CHD-1.5-5      | 1   | 25053536      | NSP   |
| P7106B                         | WIRE HOL                  | CHD-1.5-5      | 1   | 25053536      | NSP   |
| P7170                          | ST JACK                   | MSJ-064-05A SR | 1   | 25045783      |       |
| P7171                          | TRM(SCREW)                | TER21-0130V    | 1   | 25060533      | NSP   |

|                 |                       |                          |     |               |     |
|-----------------|-----------------------|--------------------------|-----|---------------|-----|
| P900            | PLUG                  | NPLG-5P152               | 1   | 25055168      | NSP |
| P901D           | PLUG                  | NPLG-3P150               | 1   | 25055166      | NSP |
| P902            | PLUG                  | NPLG-3P117               | 1   | 25055133      | NSP |
| P903A           | WIRE HARNESS ASSEMBLY | NSAS-14P2479             | 1   | 2004C191440UL | NSP |
| P904A           | PLUG                  | NPLG-7P0962              | 1   | 25056012      | NSP |
| P904B           | SOCKET                | NSCT-7P2187              | 1   | 25052290      | NSP |
| P906            | TRM(SCREW)            | TER21-0130V              | 1   | 25060533      | NSP |
| P907            | RETAINER              | (TRM)                    | 1   | 25060507      | NSP |
| P908            | TRM(SCREW)            | TER21-0130V              | 1   | 25060533      | NSP |
| P909A           | CRIMP CORD ASSEMBLY   | UL1015#18SIN-SGM 220 BLK | 1   | 20799202UL    | NSP |
| P951            | PLUG                  | NPLG-2P631               | 1   | 25055675      | NSP |
| P952            | PLUG                  | NPLG-2P631               | 1   | 25055675      | NSP |
| P953            | TRM(SCREW)            | TER21-0130V              | 1   | 25060533      | NSP |
| P954            | TERMINAL              | NTM-1P233(M1969)         | 1   | 25060302      | NSP |
| RL901           | RELAY                 | NRL-1P10A-DC12-196       | 1   | 25065707      | !   |
| RL902           | RELAY                 | NRL-1P10A-DC12-196       | 1   | 25065707      | !   |
| RL951           | RELAY                 | NRL-1P10A-DC9-188        | 1   | 25065693      | !   |
| S7101           | PUSH SWITCH           | NPS-111-S681             | 1   | 25035718T     | NSP |
| S7102           | PUSH SWITCH           | NPS-111-S681             | 1   | 25035718T     | NSP |
| S7103           | PUSH SWITCH           | NPS-111-S681             | 1   | 25035718T     | NSP |
| S7105           | PUSH SWITCH           | NPS-111-S681             | 1   | 25035718T     | NSP |
| S7106           | PUSH SWITCH           | NPS-111-S681             | 1   | 25035718T     | NSP |
| S7108           | ROTARY ENCODER        | EVEHC1F2524B             | 1   | 25065696W     |     |
| S7108or         | ROTARY ENCODER        | XREB125PVB25FINB1-2-24PC | (1) | 25065736      |     |
| [ Accessories ] |                       |                          |     |               |     |
| A7000           | RETAINER              | (KNOB)                   | 1   | 27142298A     | NSP |
| A7000A          | SCREW                 | 3TTB+8B(3BC)             | 2   | 838430088GR   | NSP |