SONY

CONTROL PANEL

# ICP-6520
# ICP-3000
# ICP-3016
# ICP-6530

MENU PANEL

# ICP-6511

MAINTENANCE MANUAL

1st Edition (Revised 1)

## ⚠ 警告

このマニュアルは， サービス専用です。
お客様が， このマニュアルに記載された設置や保守， 点検， 修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため， サービストレーニングを受けた技術者のみご使用ください。

## ⚠ WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

## ⚠ WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

## ⚠ AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

安全のために，周辺機器を接続する際は，過大電圧を持つ可能性があるコネクターを以下のポートに接続しないでください。
: MVS コネクター
: UTIL コネクター
上記のポートについては本書の指示に従ってくだい。

For safety, do not connect the connector for peripheral device wiring that might have excessive voltage to the following ports.
: MVS connector
: UTIL connector
Follow the instructions for the ports.

**注意**

指定以外の電池に交換すると，破裂する危険があります。
必ず指定の電池に交換してください。
使用済みの電池は，国または地域の法令に従って
処理してください。

**CAUTION**

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the manufacturer.
When you dispose of the battery, you must obey the law in the relative area or country.

**ATTENTION**

Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur.
Lorsque vous mettez la batterie au rebut, vous devez respecter la législation en vigueur dans le pays ou la région où vous vous trouvez.

**VORSICHT**

Explosionsgefahr bei Verwendung falscher Batterien.
Batterien nur durch den vom Hersteller empfohlenen oder einen gleichwertigen Typ ersetzen.
Wenn Sie die Batterie entsorgen, müssen Sie die Gesetze der jeweiligen Region und des jeweiligen Landes befolgen.

**FÖRSIKTIGHET!**

Fara för explosion vid felaktigt placerat batteri.
Byt endast mot samma eller likvärdig typ av batteri, enligt tillverkarens rekommendationer.
När du kasserar batteriet ska du följa rådande lagar för regionen eller landet.

**PAS PÅ**

Fare for eksplosion, hvis batteriet ikke udskiftes korrekt.
Udskift kun med et batteri af samme eller tilsvarende type, som er anbefalet af fabrikanten.
Når du bortskaffer batteriet, skal du følge lovgivningen i det pågældende område eller land.

**HUOMIO**

Räjähdysvaara, jos akku vaihdetaan virheellisesti.
Vaihda vain samanlaiseen tai vastaavantyyppiseen, valmistajan suosittelemaan akkuun.
Noudata akun hävittämisessä oman maasi tai alueesi lakeja.

**FORSIKTIG**

Eksplosjonsfare hvis feil type batteri settes i.
Bytt ut kun med samme type eller tilsvarende anbefalt av produsenten.
Kasser batteriet i henhold til gjeldende avfallsregler.

**注意**

如果更换的电池不正确，就会有爆炸的危险。
只更换同一类型或制造商推荐的电池型号。
处理电池时，必须遵守相关地区或国家的法律。

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# Manual Structure

## Purpose of this manual

This manual is the Maintenance Manual of following models.

- 2M/E Control Panel ICP-6520/3000/3016
- 3M/E Control Panel ICP-6530
- Menu Panel ICP-6511

This manual describes the information items that premise the service based on the components parts such as service overview, detailed parts list, block diagrams, board layouts, schematic diagrams, assuming use of system and service engineers.

## Related manuals

Besides this Maintenance Manual, the following manuals are prepared for this unit.

- Operation Manual (Supplied with this unit.)
  This manual describes the outline and specification of this unit.
- Installation Manual (supplied with this unit)
  This manual describes the information that is required to install (operating environment, installation space, connection information, etc.)for this unit.

## Trademarks

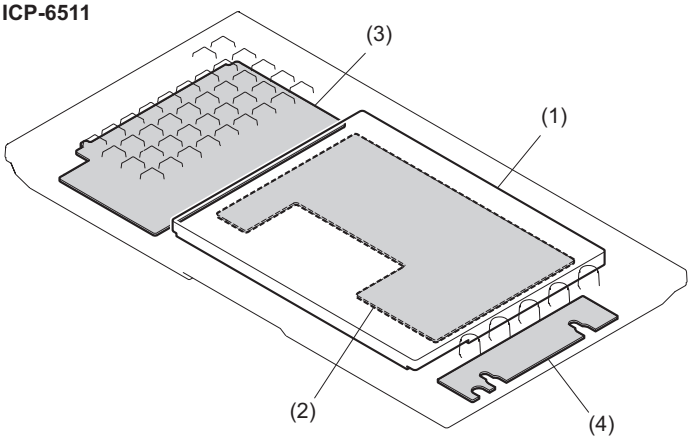
Trademarks and registered trademarks used in this manual are follows.

- Ethernet is a registered trademark of Xerox Corporation.

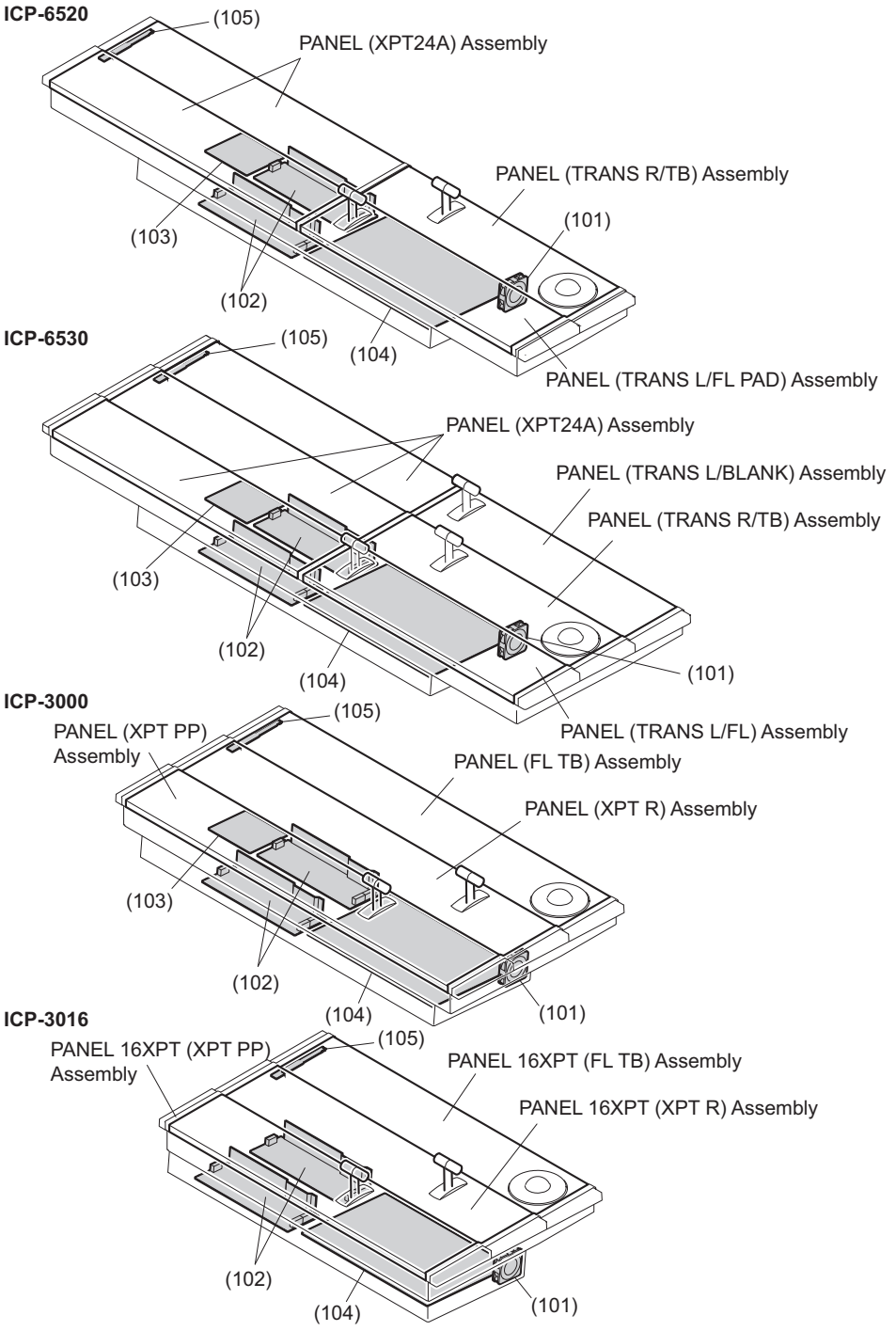
# Section 1
# Service Overview

## 1-1. Location of Main Parts

**ICP-6511**




| No. | Name | Procedure | Steps after replace-ment |
|---|---|---|---|
| (1) | LCD unit | Refer to "1-2-16. LCD (ICP-6511)". | - |
| (2) | IF-1196 board | Refer to "1-2-16. LCD (ICP-6511)". | - |
| (3) | KY-695 board | - | - |
| (4) | VR-349 board | - | - |

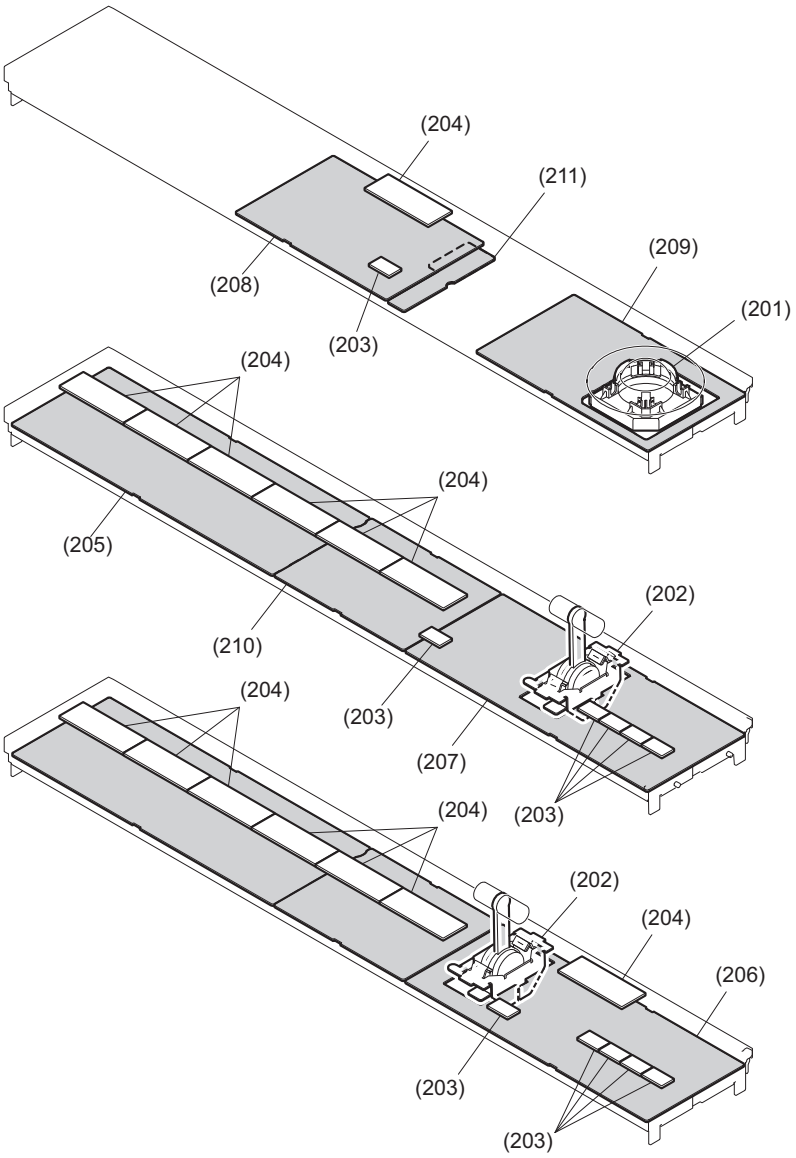



| No. | Name | Procedure | Steps after replacement |
|---|---|---|---|
| (101) | DC fan | Refer to "1-2-3. DC Fan". | Refer to "1-8-6. Maintenance Fan Menu" |
| (102) | Switching regulator | Refer to "1-2-2. Switching Regulator". | Refer to "1-8-5. Maintenance PSU Menu" |
| (103) | AC-235 board | Refer to "1-2-6. AC-235 Board (ICP-6530/6520/3000)". | - |
| (104) | CA-86 board | Refer to "1-2-7. CA-86 Board". | - |
| (105) | CN-3539 board | - | - |

**PANEL (FL TB) Assembly**

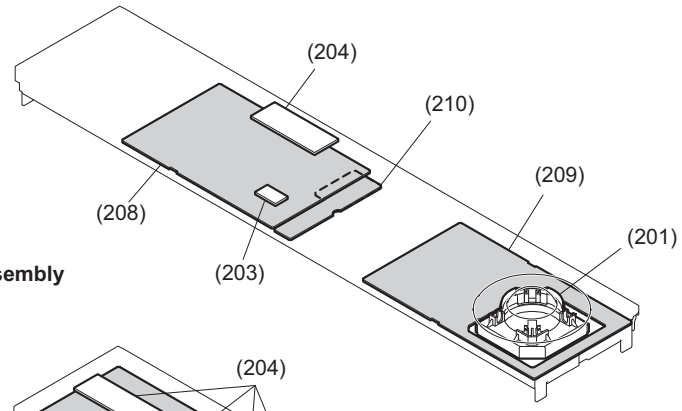
**PANEL (XPT R) Assembly**

**PANEL (XPT PP) Assembly**

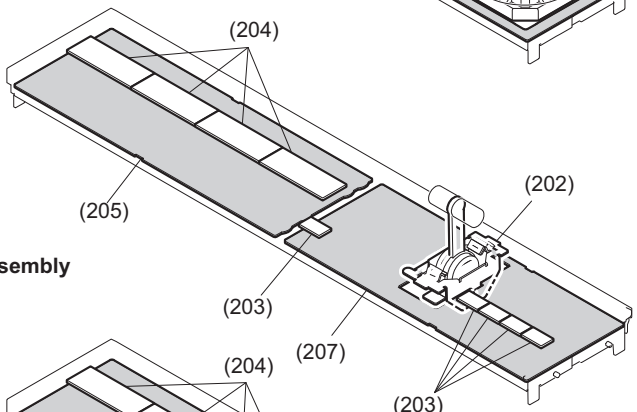



| No. | Name | Procedure | Steps after replacement |
|---|---|---|---|
| (201) | Track Ball Base | Refer to "1-2-10. Track Ball Base/VR-348 Board". | - |
| (202) | Fader Assembly | Refer to "1-2-4. Fader Assembly". | - |
| (203) | OLED Display (0.8 inch) | Refer to "1-2-9. OLED Display (0.8 inch)". | - |
| (204) | OLED Display (2.7 inch) | Refer to "1-2-8. OLED Display (2.7 inch)". | - |
| (205) | KY-688 board | - | - |
| (206) | KY-690 board | - | - |
| (207) | KY-691 board | - | - |
| (208) | KY-693 board | - | - |
| (209) | KY-694 board | - | - |
| (210) | KY-699 board | - | - |
| (211) | VR-347 board | - | - |

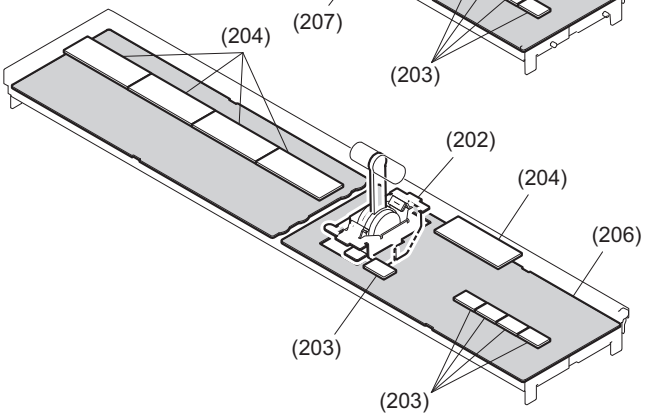
**PANEL 16XPT (FL TB) Assembly**




**PANEL 16XPT (XPT R) Assembly**

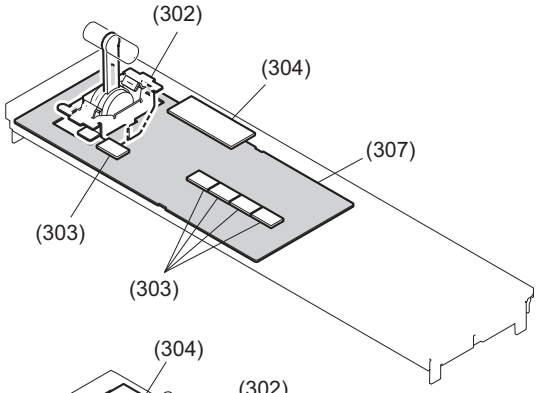



**PANEL 16XPT (XPT PP) Assembly**

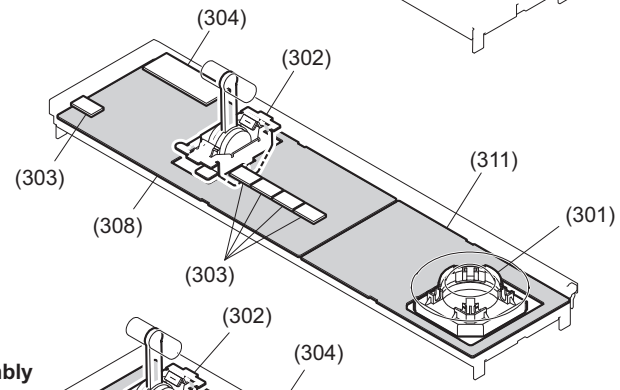



| No. | Name | Procedure | Steps after replacement |
|---|---|---|---|
| (201) | Track Ball Base | Refer to "1-2-10. Track Ball Base/VR-348 Board". | - |
| (202) | Fader Assembly | Refer to "1-2-4. Fader Assembly". | - |
| (203) | OLED Display (0.8 inch) | Refer to "1-2-9. OLED Display (0.8 inch)". | - |
| (204) | OLED Display (2.7 inch) | Refer to "1-2-8. OLED Display (2.7 inch)". | - |
| (205) | KY-688 board | - | - |
| (206) | KY-690 board | - | - |
| (207) | KY-691 board | - | - |
| (208) | KY-693 board | - | - |
| (209) | KY-694 board | - | - |
| (210) | VR-347 board | - | - |

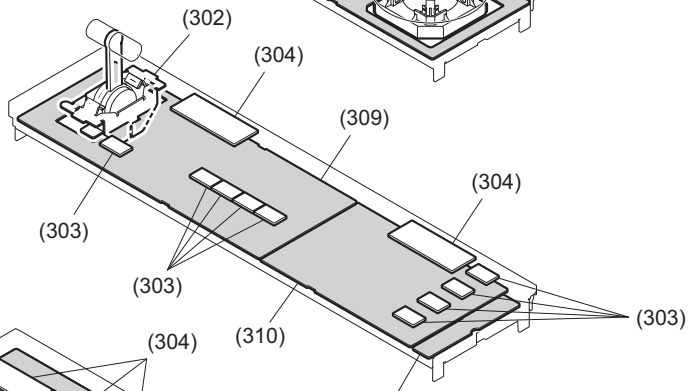
**PANEL (TRANS L/BLANK) Assembly**



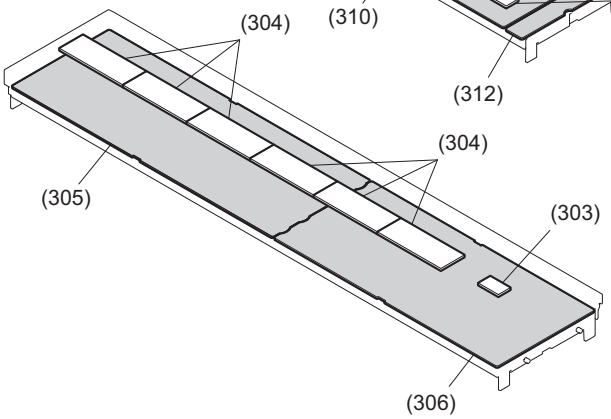

**PANEL (TRANS R/TB) Assembly**




**PANEL (TRANS L/FL PAD) Assembly**




**PANEL (XPT24A) Assembly**




| No. | Name | Procedure | Steps after replacement |
|---|---|---|---|
| (301) | Track Ball Base | Refer to "1-2-10. Track Ball Base/VR-348 Board". | - |
| (302) | Fader Assembly | Refer to "1-2-4. Fader Assembly". | - |
| (303) | OLED Display (0.8 inch) | Refer to "1-2-9. OLED Display (0.8 inch)". | - |
| (304) | OLED Display (2.7 inch) | Refer to "1-2-8. OLED Display (2.7 inch)". | - |
| (305) | KY-688 board | - | - |
| (306) | KY-689 board | - | - |
| (307) | KY-690 board | - | - |
| (308) | KY-691 board | - | - |

**Continued**

| No. | Name | Procedure | Steps after replacement |
|---|---|---|---|
| (309) | KY-692 board | - | - |
| (310) | KY-693 board | - | - |
| (311) | KY-694 board | - | - |
| (312) | VR-347 board | - | - |

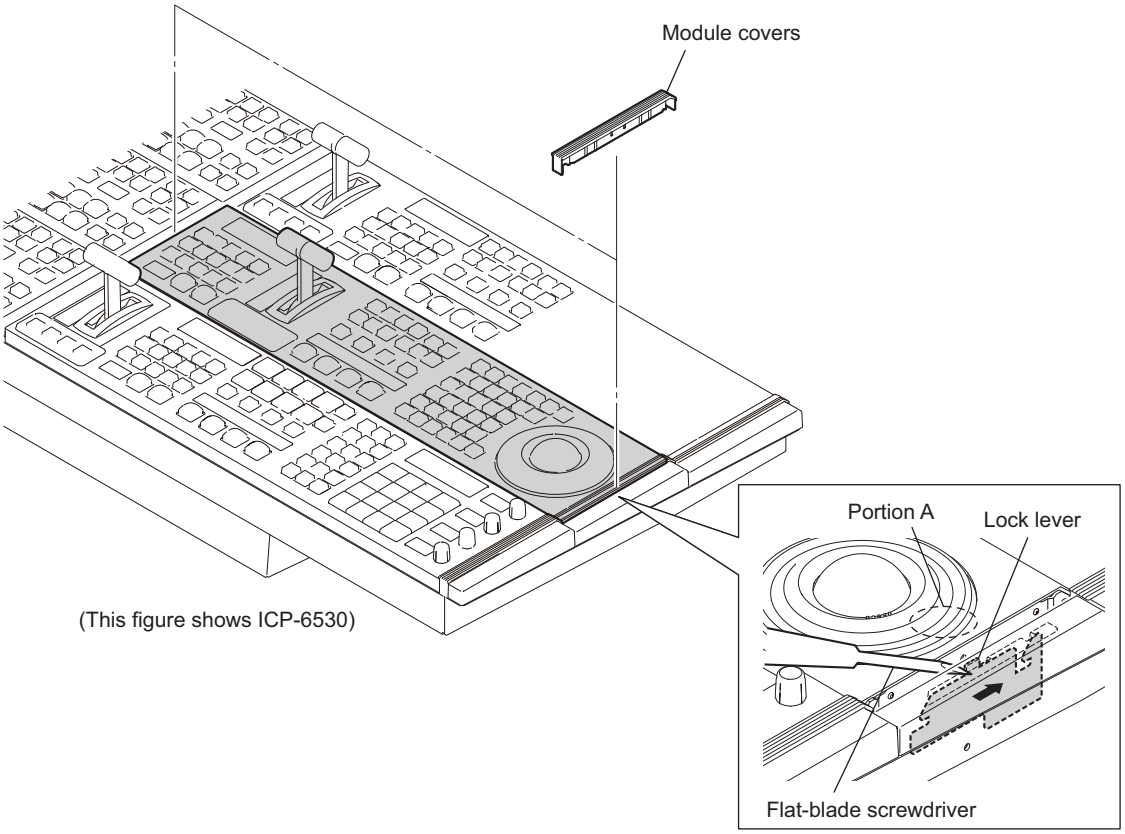
## 1-2. Replacement of Main Parts

Before starting replacement of main parts, be sure to turn off the power switch and then disconnect the power cable. Confirm that the POWER indicators A and B are not lit.

### 1-2-1. Panel Assembly

#### Procedure

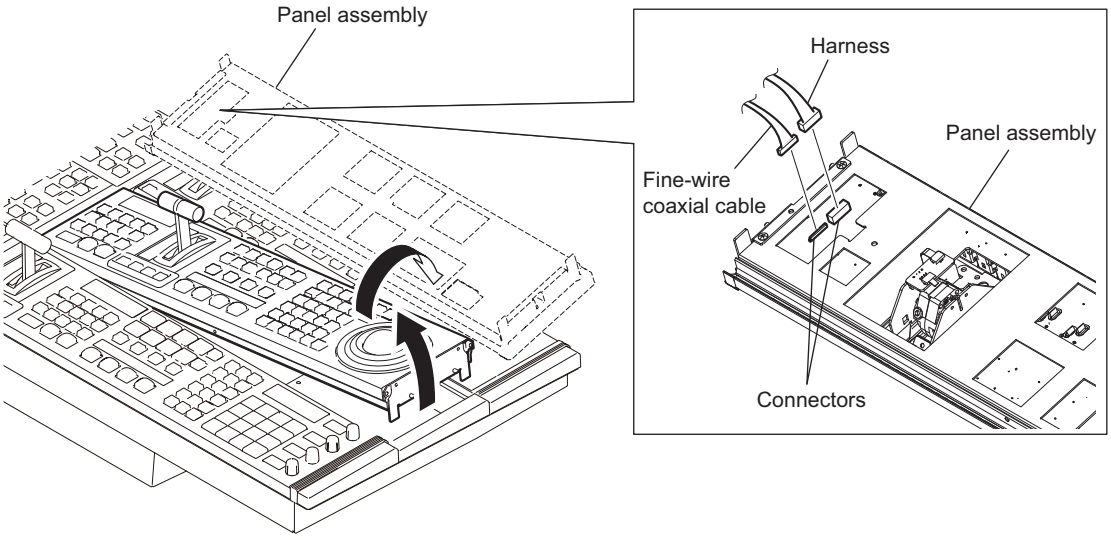
1. Remove the two module covers.
2. While pressing portion A, slide the lock lever in the arrow direction with a flat-blade screwdriver.




(This figure shows ICP-6530)

3. Open the panel assembly in the arrow direction.

4. Disconnect the harness and fine-wire coaxial cable from the two connectors and remove the panel assembly.




5. Install the removed parts by reversing the steps of removal.

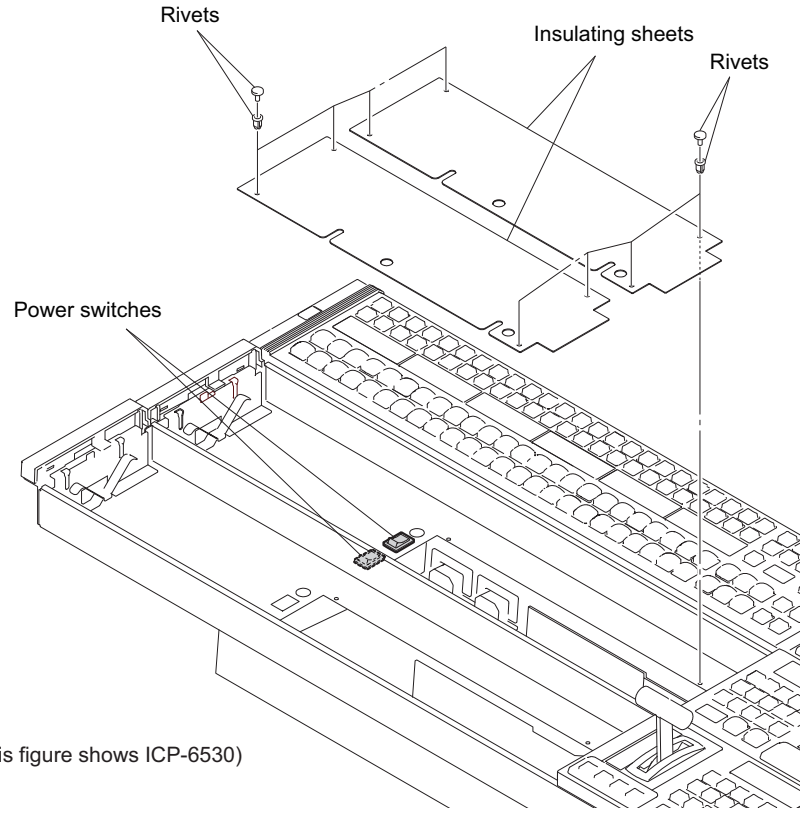
## 1-2-2. Switching Regulator

### Preparation

1. Remove the target panel assembly. (Refer to "1-2-1. Panel Assembly".)

### Procedure

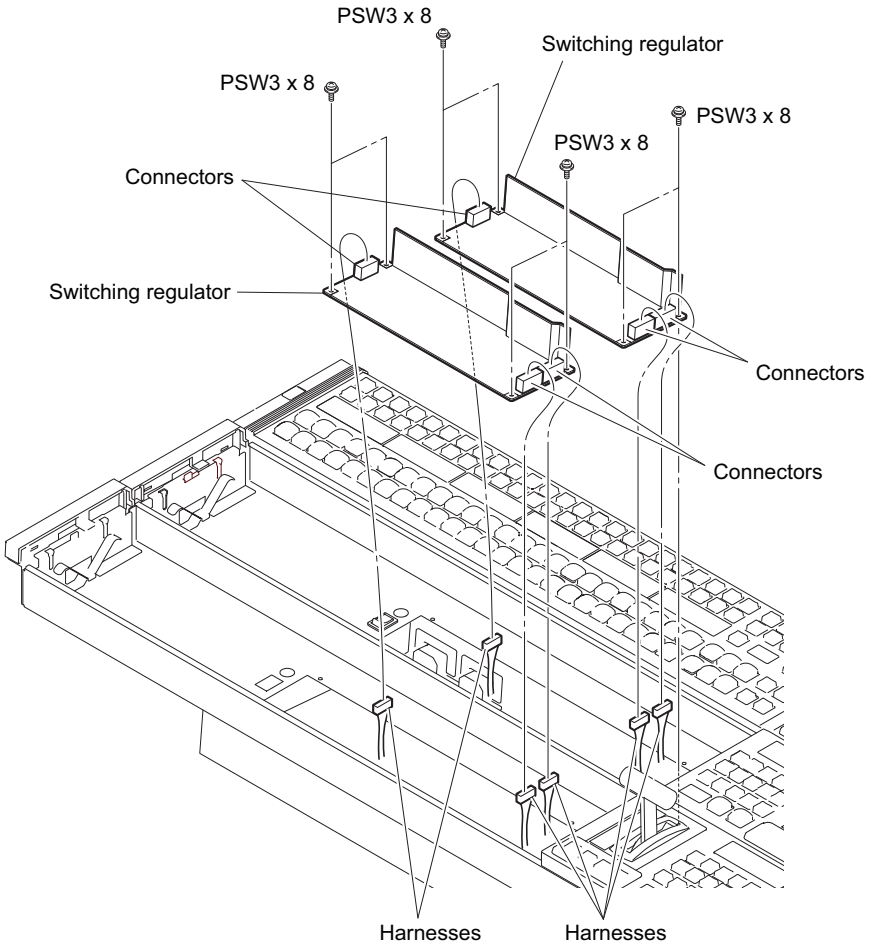
1. Turn off the two power switches. (Except ICP-3016)
2. Remove the eight rivets to detach the two insulating sheets.




(This figure shows ICP-6530)

3. Disconnect the six harnesses from the six connectors.

4. Remove the eight screws to detach the two switching regulators.




5. Install the removed parts by reversing the steps of removal.
6. Turn on the two power switches. (Except ICP-3016)

## 1-2-3. DC Fan

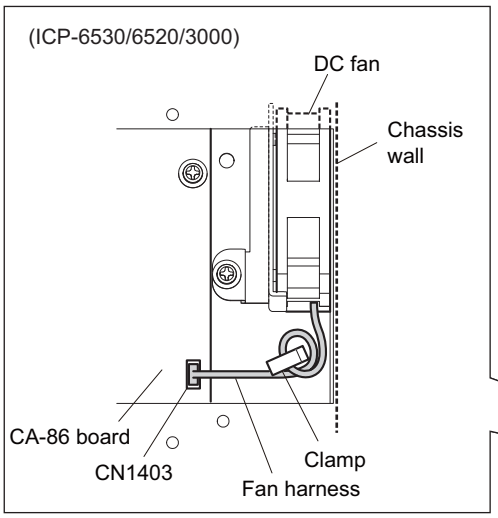
### Preparation

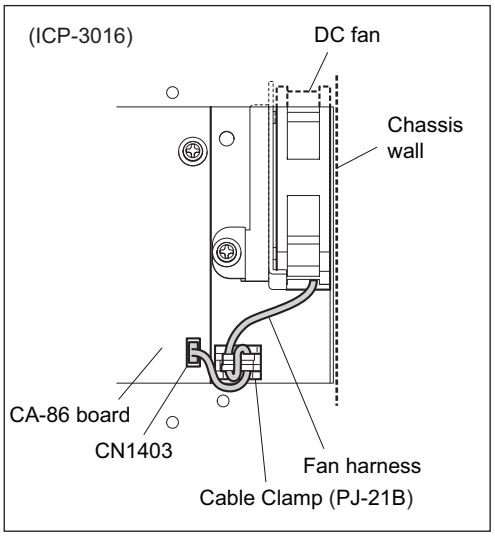
1. Remove the target panel assembly. (Refer to "1-2-1. Panel Assembly".)

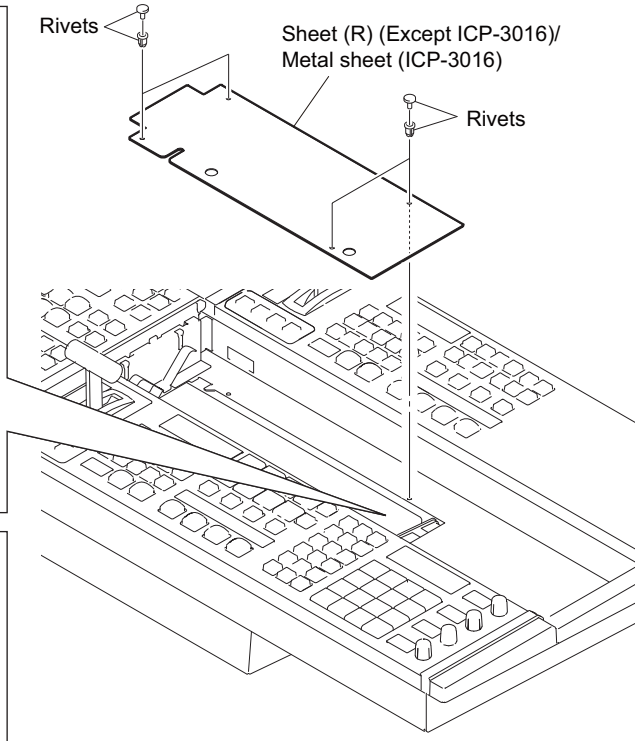
### Procedure

1. Remove the four rivets to detach the Sheets (R) (Except ICP-3016)Metal sheets (ICP-3016).
2. Remove the fan harness from the clamp.

3. Disconnect the fan harness from the connector (CN1403) on the CA-86 board.



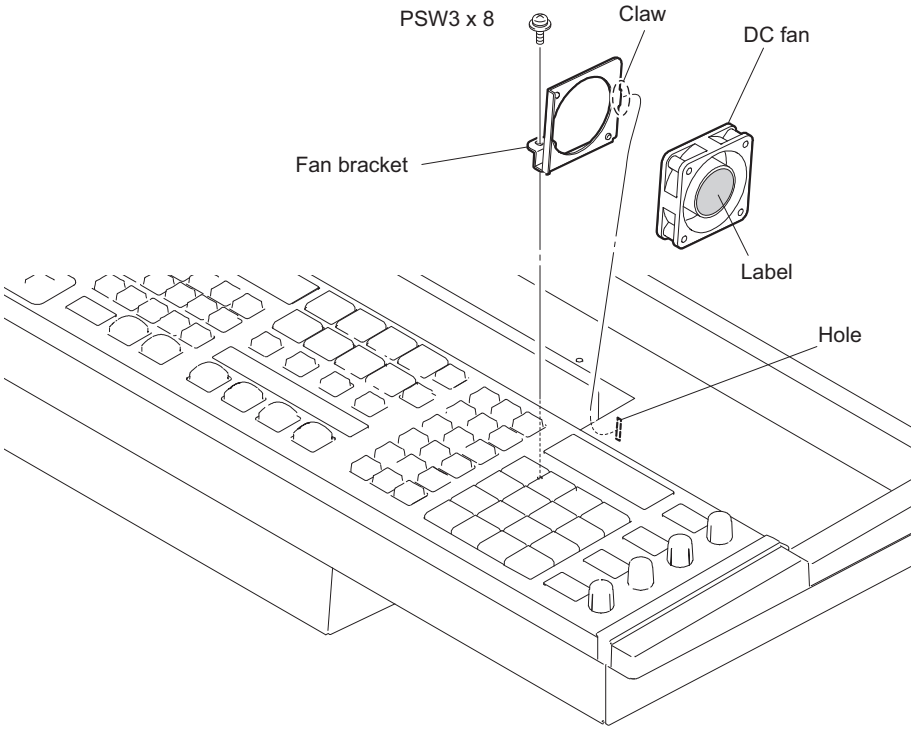




(This figure shows ICP-6530)

**Notes**

- When installing the DC fan, clamp the fan harness so that it does not contact the chassis wall.

4. Remove the screw to detach the fan bracket and DC fan.




**Notes**

- When installing the fan bracket, fit the claw with the hole.
- Install the DC fan with its label coming to the position shown in the figure.

5. Install the removed parts by reversing the steps of removal.

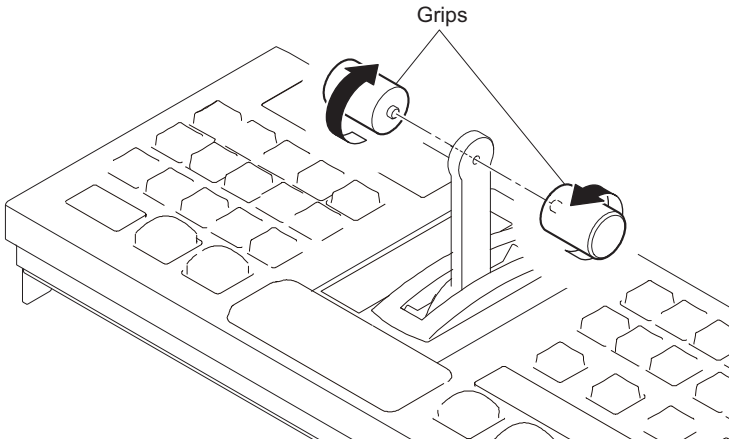
## 1-2-4. Fader Assembly

### Preparation

1. Remove the target panel assembly. (Refer to "1-2-1. Panel Assembly".)

### Procedure

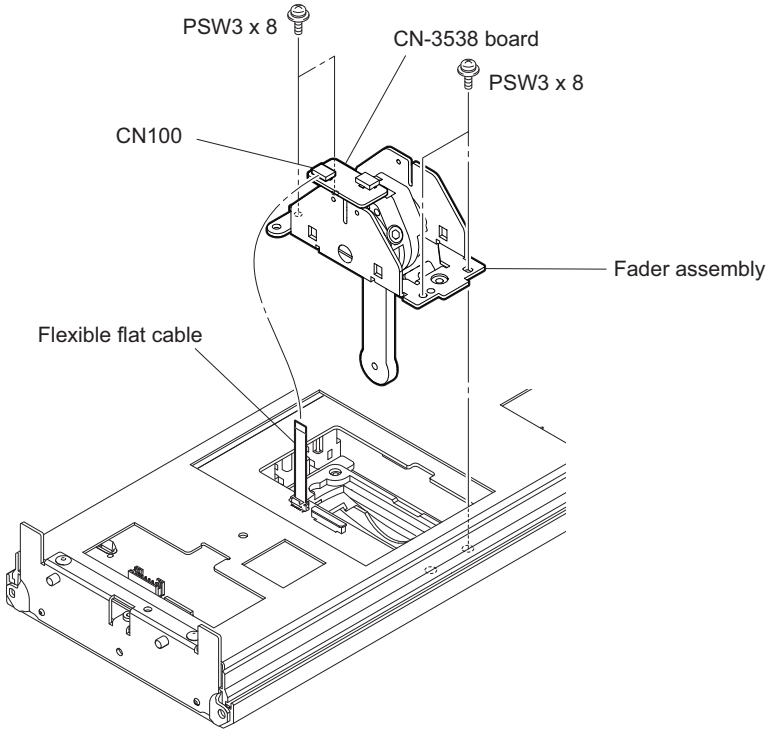
1. Remove the two grips.




(This figure shows panel (TRANS R/TB) assembly)

2. Disconnect the flexible flat cable from the connector (CN100) on the CN-3538 board.

3. Remove the four screws to detach the fader assembly.




4. Install the removed parts by reversing the steps of removal.

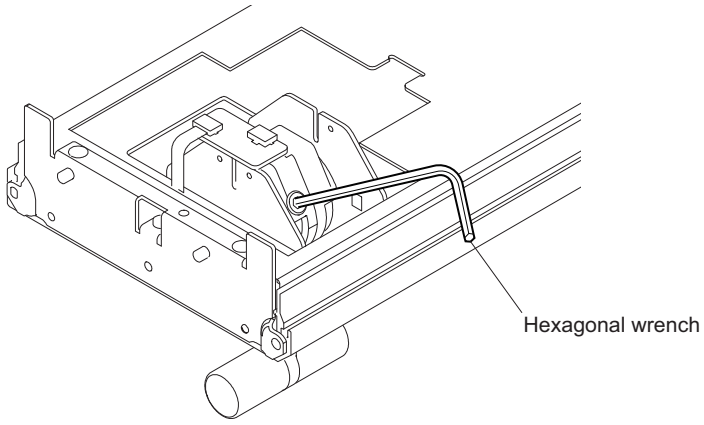
## 1-2-5. Adjusting the Torque of the Fader Assembly

### Preparation

1. Remove the target panel assembly. (Refer to "1-2-1. Panel Assembly".)

### Procedure

1. Insert a hexagonal wrench (4 mm sides) into the hole and rotate to adjust to torque.




**Notes**

- Rotate clockwise: Fader lever operation becomes firmer.
- Rotate counterclockwise: Fader lever operation becomes freer.

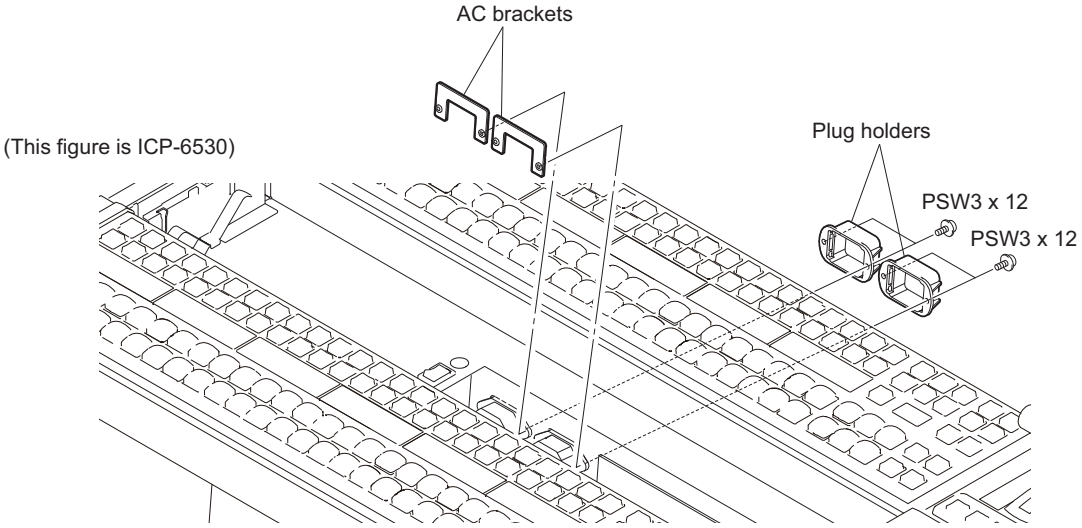
## 1-2-6. AC-235 Board (ICP-6530/6520/3000)

### Preparation

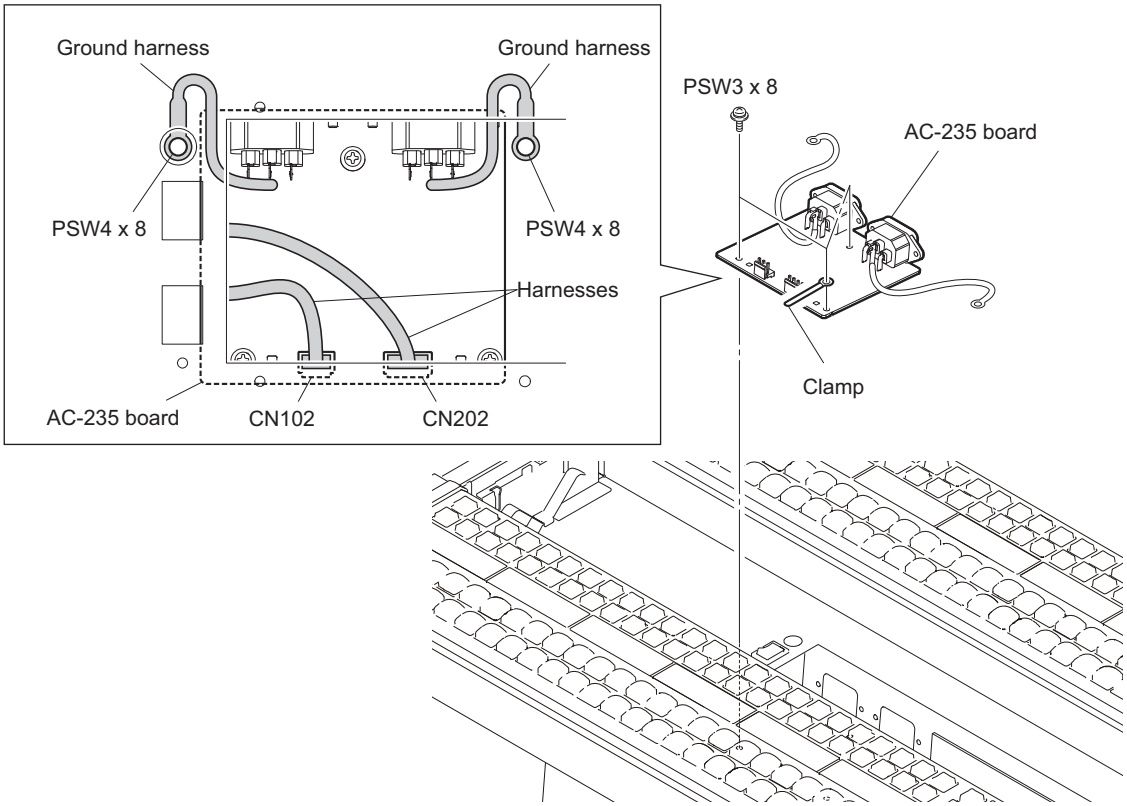
1. Remove the target panel assembly. (Refer to "1-2-1. Panel Assembly".)

### Procedure

1. Remove the four screws to detach the two AC brackets and the two plug holders.




2. Remove the two screws (PSW4 x 8) to detach the two ground harnesses.
3. Disconnect the two harnesses from the two connectors (CN102, CN202) on the AC-235 board.
4. Remove the three screws (PSW3 x 8) to detach the clamp and the AC-235 board.




5. Install the removed parts by reversing the steps of removal.

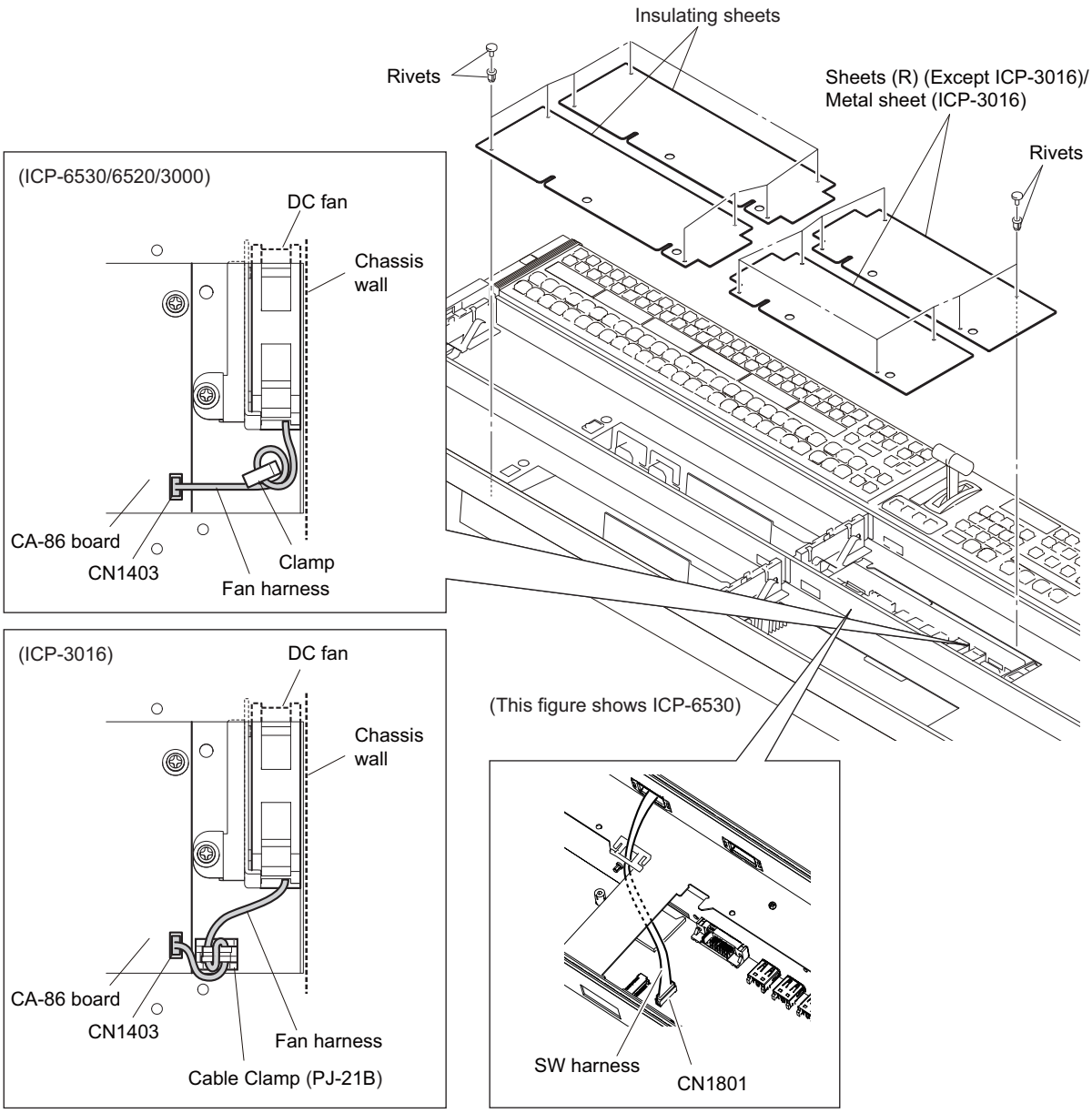
## 1-2-7. CA-86 Board

### Preparation

1. Remove the target panel assembly. (Refer to "1-2-1. Panel Assembly".)

### Procedure

1. Remove the sixteen rivets to remove the two insulating sheets and the two Sheets (R) (Except ICP-3016)Metal sheets (ICP-3016).
2. Disconnect the fan harness from the connector (CN1403) on the CA-86 board.
3. Disconnect the SW harness from the connector (CN1801) on the CA-86 board.
4. Remove the fan harness from the clamp.




**Notes**

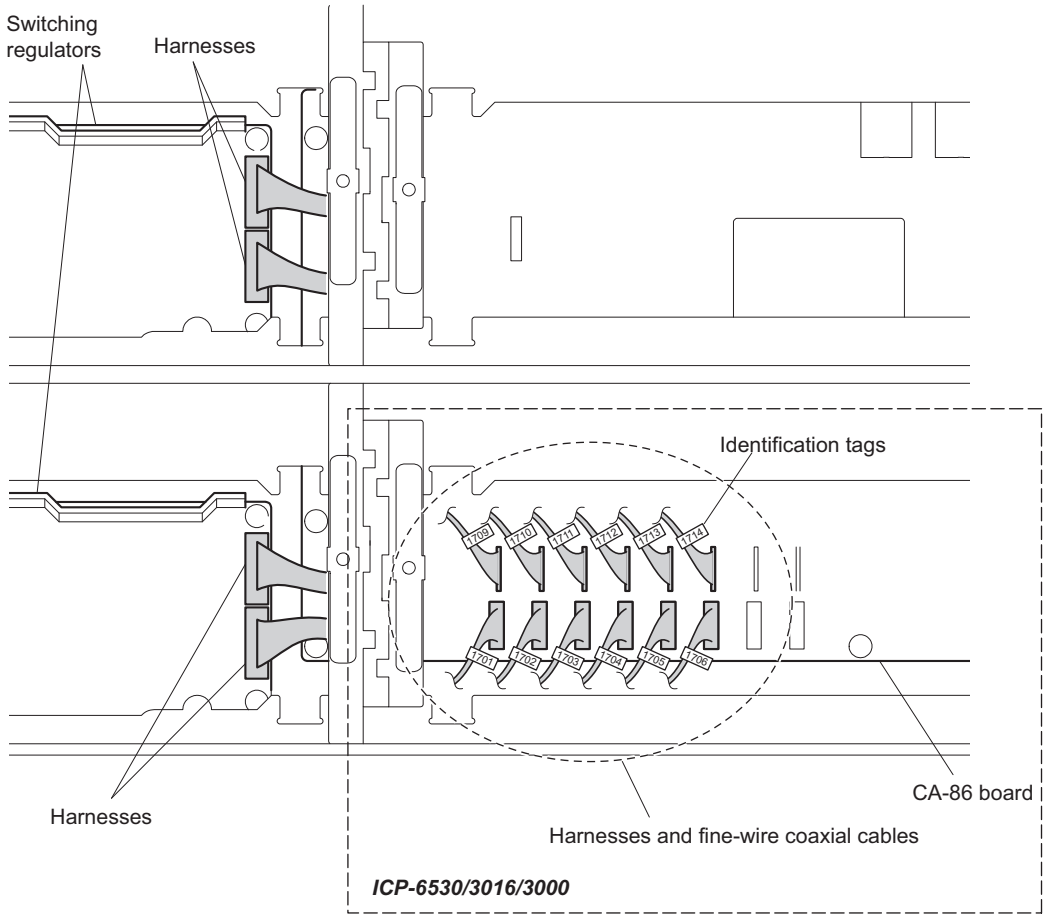
- When installing the DC fan, clamp the fan harness so that it does not contact the chassis wall.

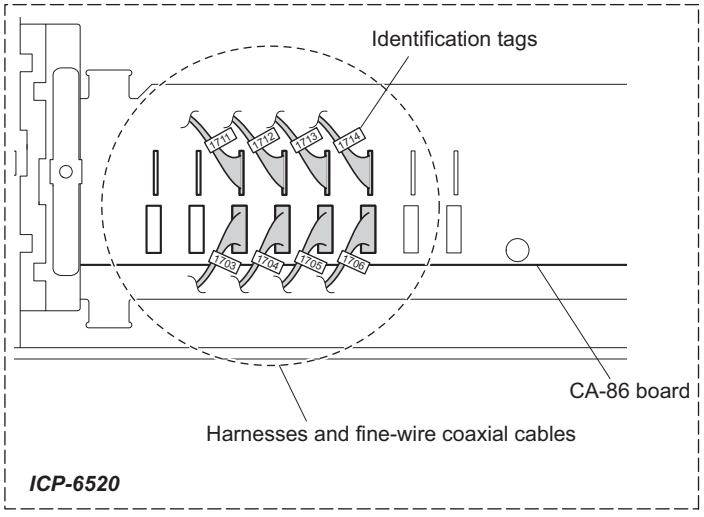
5. Attach the indication tags to the number of harnesses and fine-wire coaxial cables connected to the connectors on the CA-86 board.

**Notes**

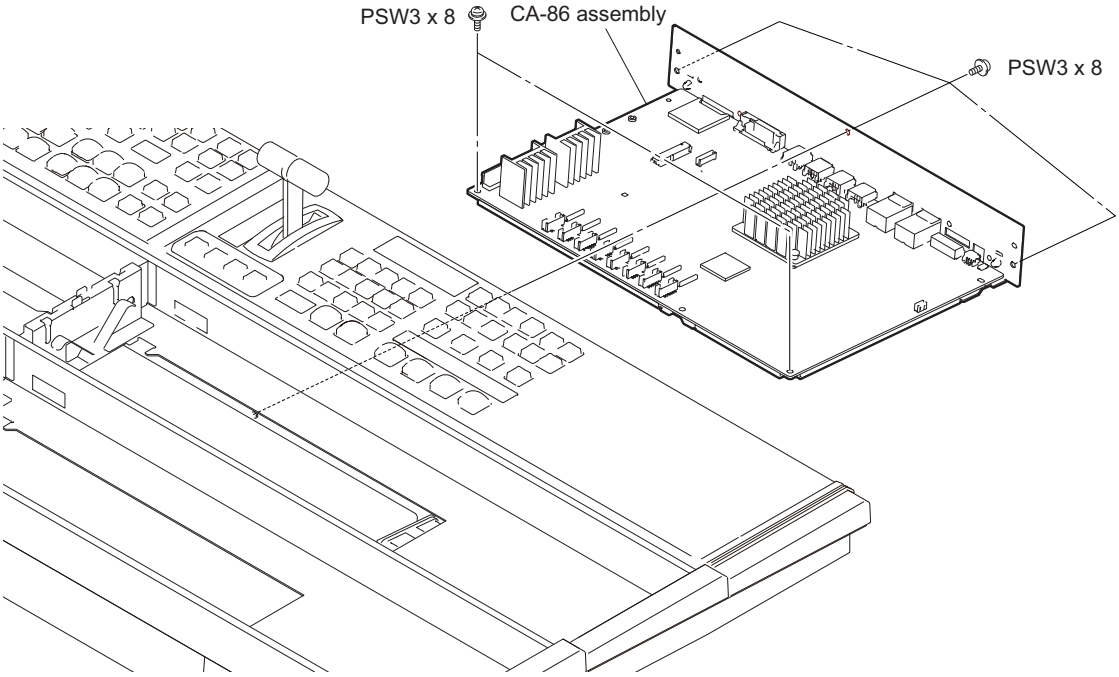
- The number of harnesses and fine-wire coaxial cables connected to the connectors on the CA-86 board varies depending on models.
- When installing the CA-86 board, remove the tags from the harnesses or fine-wire coaxial cables.

6. Disconnect the harnesses and fine-wire coaxial cables from the connectors on the CA-86 board.
7. Disconnect the four harnesses from the four connectors on the switching regulators.

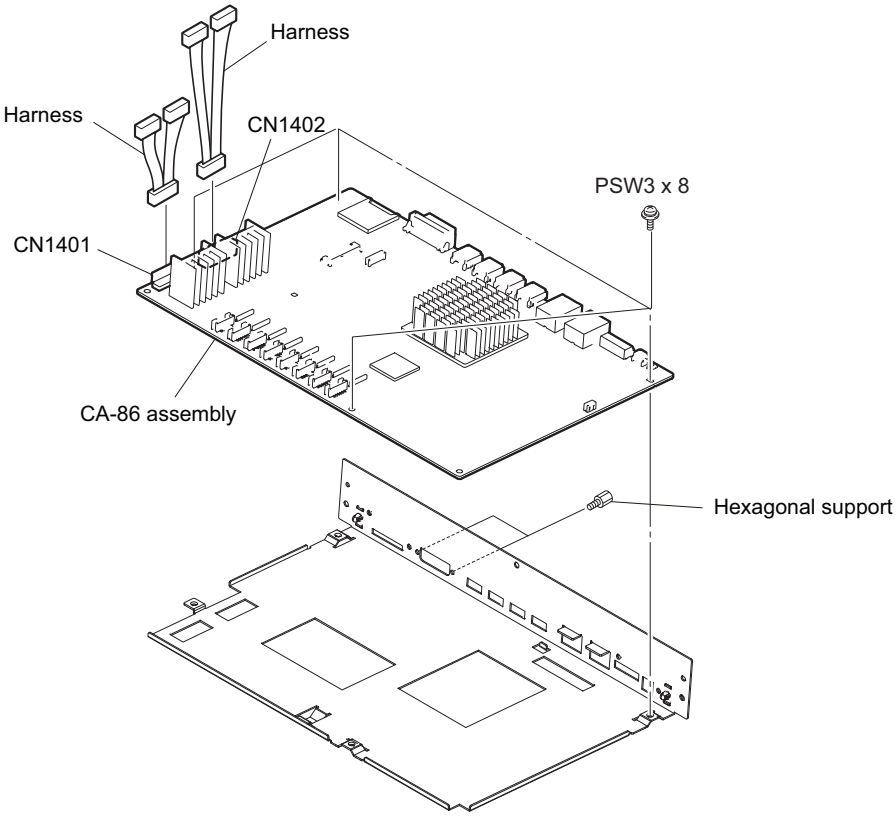


8. Remove the five screws to detach the CA-86 assembly.




9. Disconnect the two harnesses from the two connectors (CN1401, CN1402) on the CA-86 board.
10. Remove the two hexagonal supports and the two screws to detach the CA-86 board.




11. Install the removed parts by reversing the steps of removal.

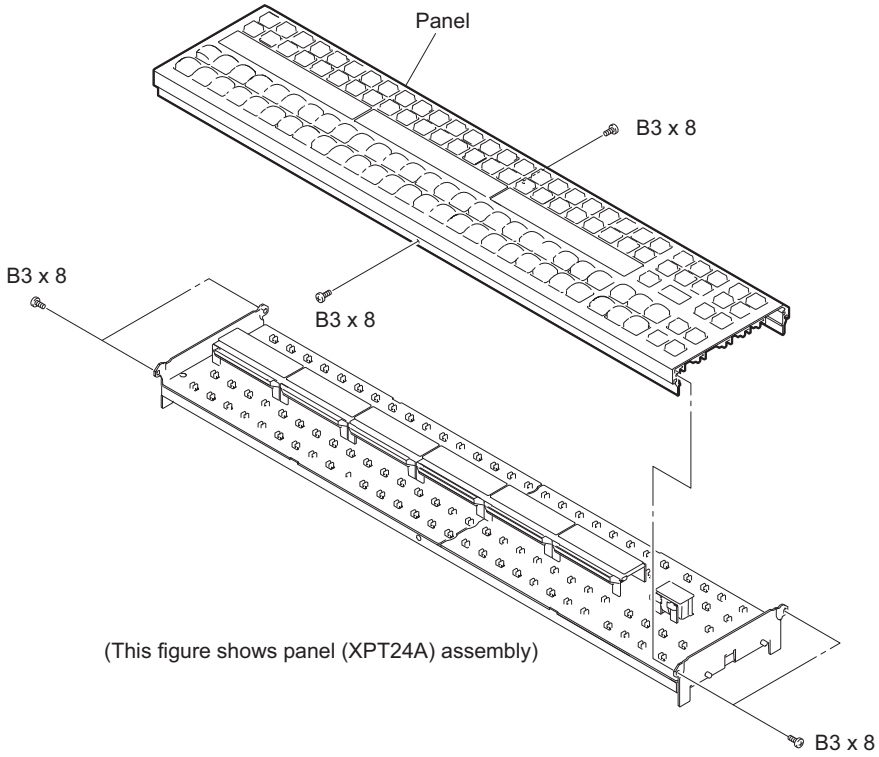
## 1-2-8. OLED Display (2.7 inch)

### Preparation

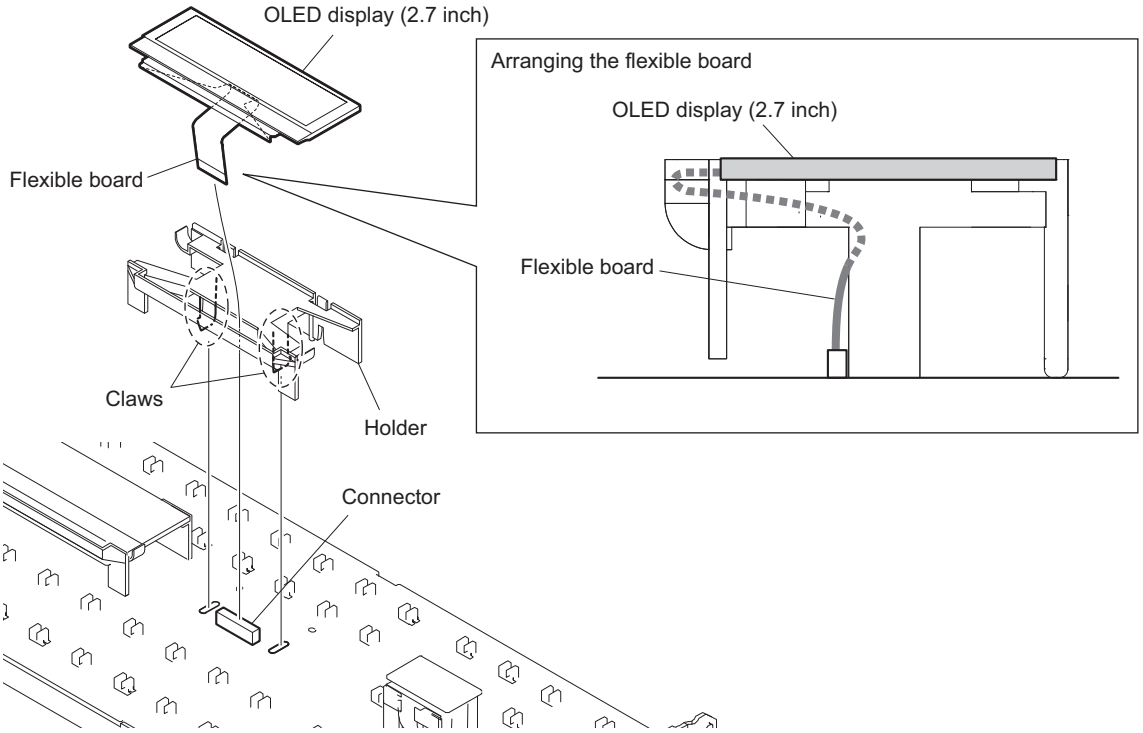
1. Remove the target panel assembly. (Refer to "1-2-1. Panel Assembly".)

## Procedure

1. Remove the six screws to detach the panel.




2. Remove the two claws to detach the holder.
3. Disconnect the flexible board of the OLED display (2.7 inch) from the connector.
4. Remove the OLED display (2.7 inch) from the holder.




**Notes**

- When installing the OLED display (2.7 inch), arrange the flexible board as shown in the figure.
- The middle portion of the OLED display is hollow. If the middle portion is pushed, it may crack.

5. Install the removed parts by reversing the steps of removal.

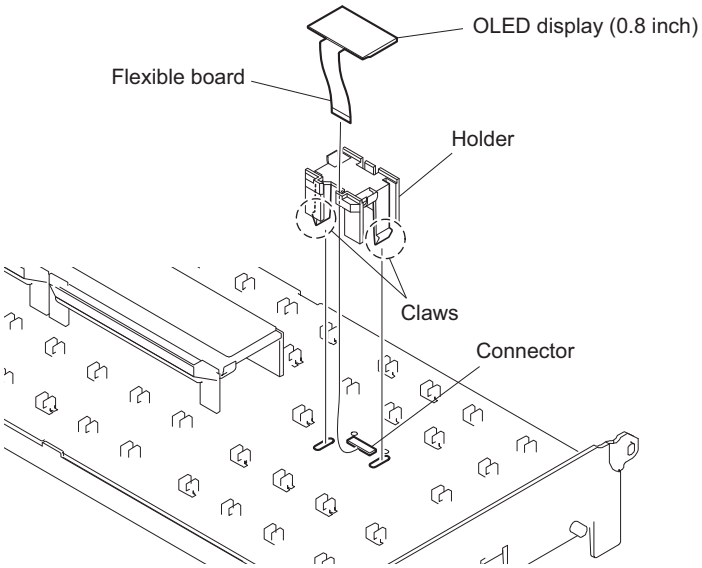
## 1-2-9. OLED Display (0.8 inch)

### Preparation

1. Remove the target panel assembly. (Refer to“1-2-1. Panel Assembly”.)
2. Remove the panel. (Refer to “1-2-8. OLED Display (2.7 inch)”.)

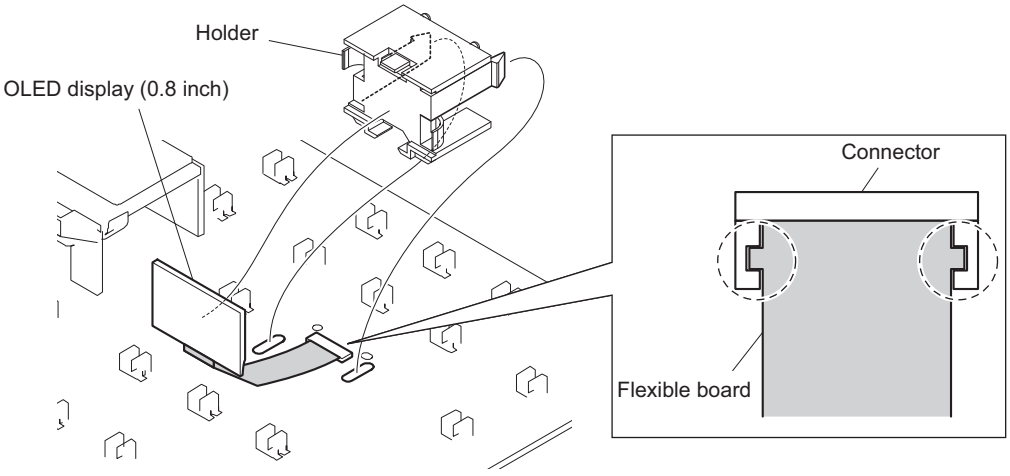
### Procedure

1. Remove the two claws to detach the holder.
2. Disconnect the flexible board of the OLED display (0.8 inch) from the connector to detach the OLED display (0.8 inch).




(This figure shows panel (XPT24A) assembly)

3. Connect the flexible board to the connector.
4. Install the OLED display (0.8 inch) to the holder.
5. Install the holder to the two holes of the board.




**Notes**

- To install the flexible board, fit the projections of the flexible board into the slots of the connector.
- The middle portion of the OLED display is hollow. If the middle portion is pushed, it may crack.

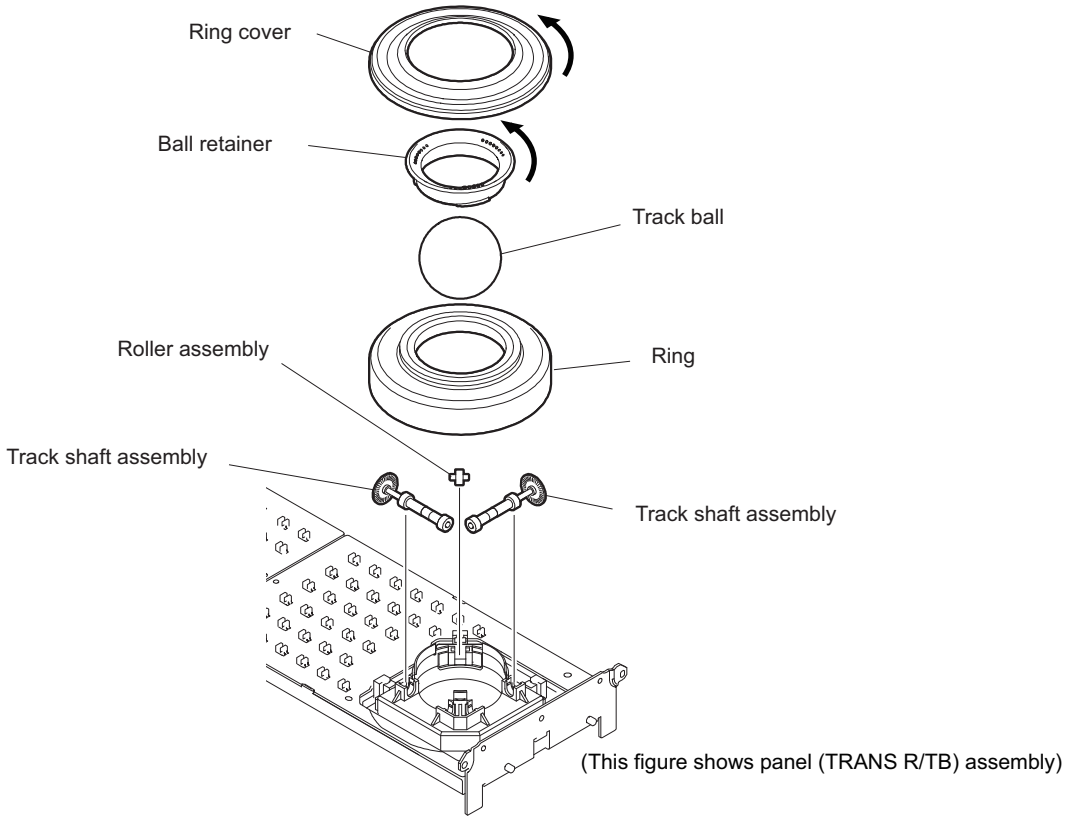
## 1-2-10. Track Ball Base/VR-348 Board

### Preparation

1. Remove the target panel assembly. (Refer to "1-2-1. Panel Assembly".)
2. Remove the panel. (Refer to"1-2-8. OLED Display (2.7 inch)".)

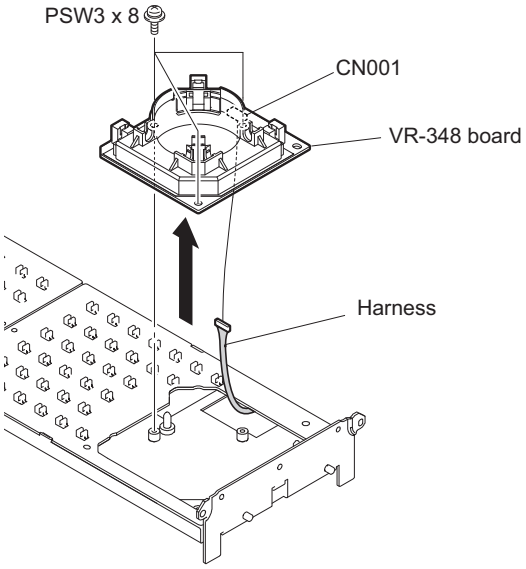
### Procedure

1. Turn the ring cover counterclockwise to detach it.
2. Turn the ball retainer counterclockwise to detach it.
3. Remove the track ball and the ring.
4. Pull up the two track shaft assemblies and the roller assembly straight to remove them.

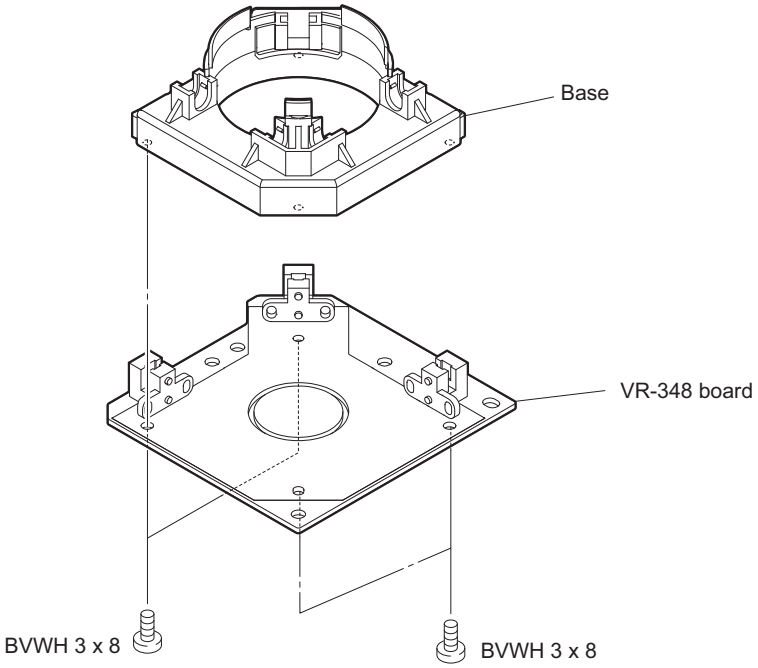



5. Remove the three screws and lift up the VR-348 board straight to remove them.

6. Disconnect the harness from the connector (CN001) on the VR-348 board.

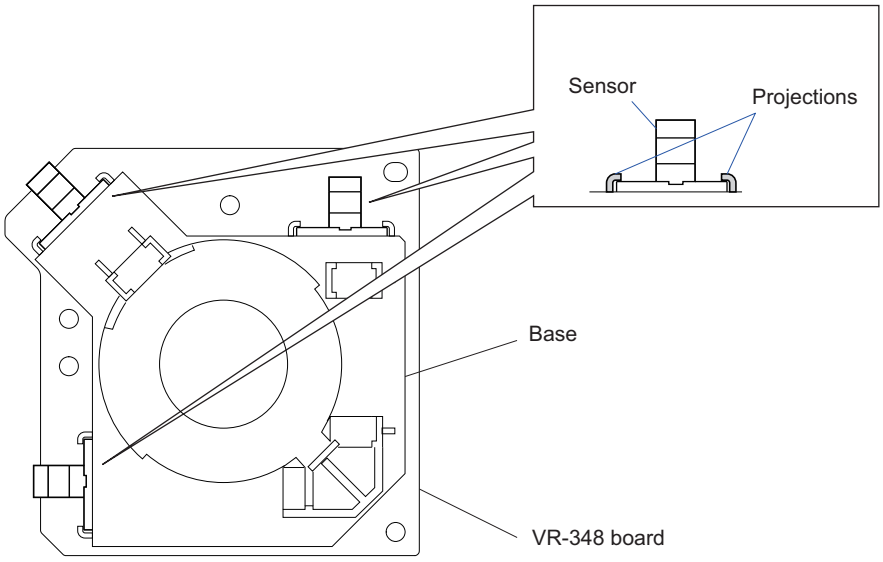


7. Remove the four screws to detach the base.




**Notes**

- When installing the base, fit six projections on the base with the outline of the sensors as shown below.



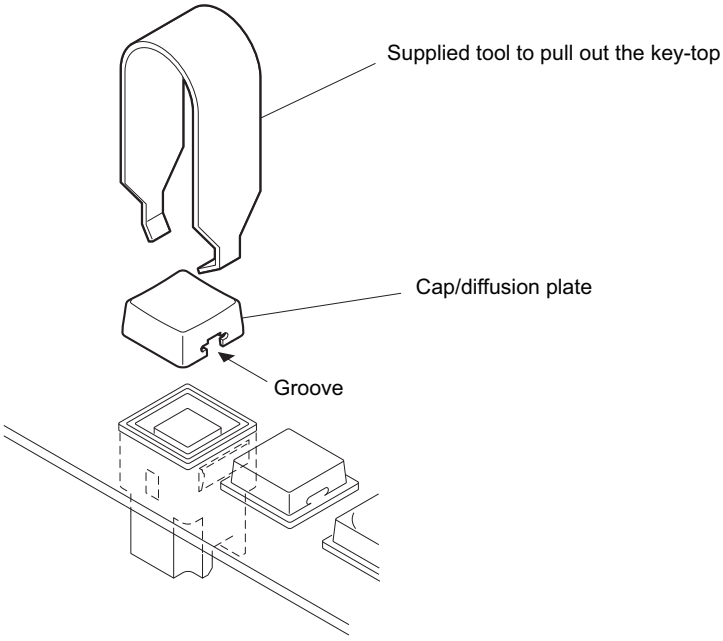

8. Install the removed parts by reversing the steps of removal.

## 1-2-11. Cap/Diffusion Plate

### Procedure

1. Hook the supplied tool to pull out the key-top to the two grooves of the cap/diffusion plate.

2. Pull the cap/diffusion plate to detach it.

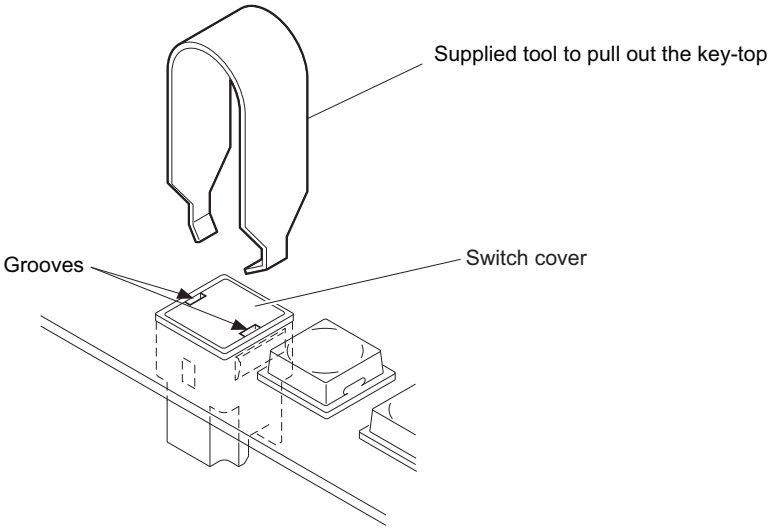



3. Install the removed parts by reversing the steps of removal.

## 1-2-12. Switch Cover

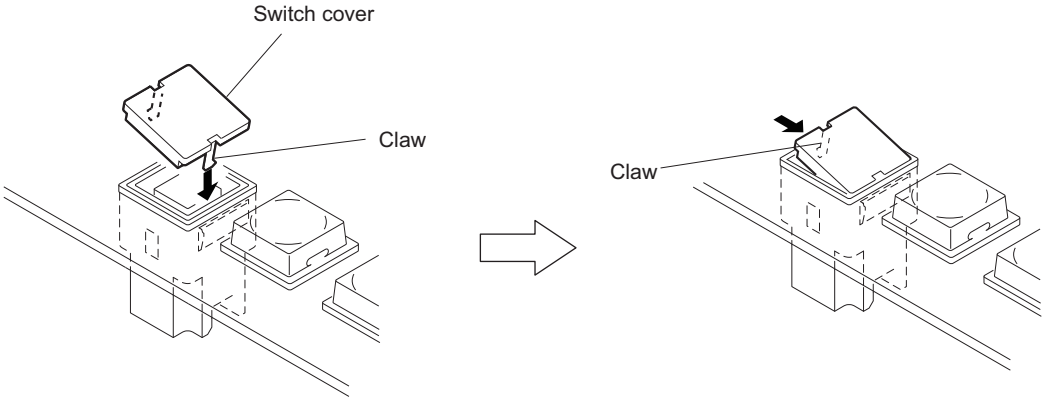
### Procedure

1. Hook the supplied tool to pull out the key-top to the two grooves of the switch cover.
2. Pull the switch cover to detach it.




3. Insert one craw on the switch cover paying attention to the orientation of the groove.
4. After the craw has been fully inserted, insert the other craw while pushing it in the arrow direction.

5. Push the switch cover until a snap is heard.



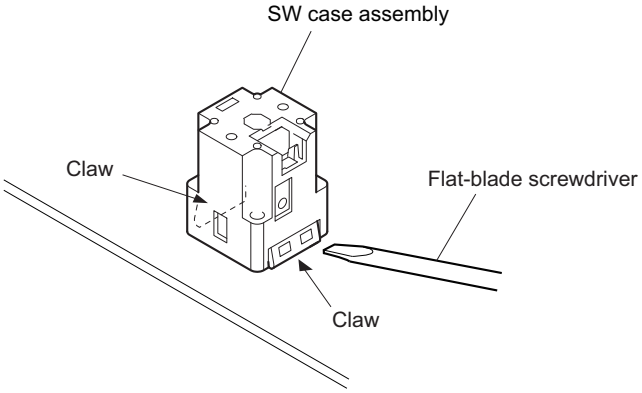

## 1-2-13. SW Case Assembly

### Preparation

1. Remove the target panel assembly. (Refer to "1-2-1. Panel Assembly".)
2. Remove the cap or the SW cover. (Refer to "1-2-11. Cap/Diffusion Plate"/"1-2-12. Switch Cover".)
3. Remove the panel. (Refer to "1-2-8. OLED Display (2.7 inch)".)

### Procedure

1. Remove the two claws with a flat-blade screwdriver, and then remove the SW case assembly.




2. Install the removed parts by reversing the steps of removal.

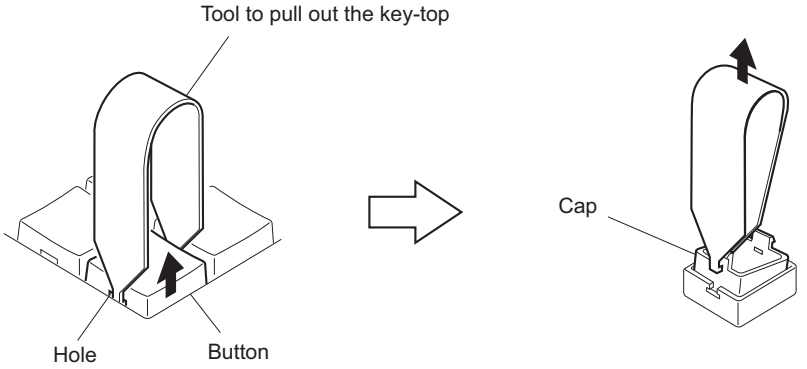
## 1-2-14. Replacing Switch Label

Tool to pull out the key-top is supplied with the control panel. The labels of the numerical buttons whose assigning pattern has been changed can be replaced using the following procedure.

### Procedure

1. Remove the button by inserting the tips of the supplied tool to pull out the key-top into the grooves on both sides of the button.

2. Nip the notches on both sides of the cap inside the removed button with the tool to pull out the key-top and remove the cap while bending it slightly.




3. Remove the present label and attach a new label.
4. Install the cap.
5. Install the button in the original location.

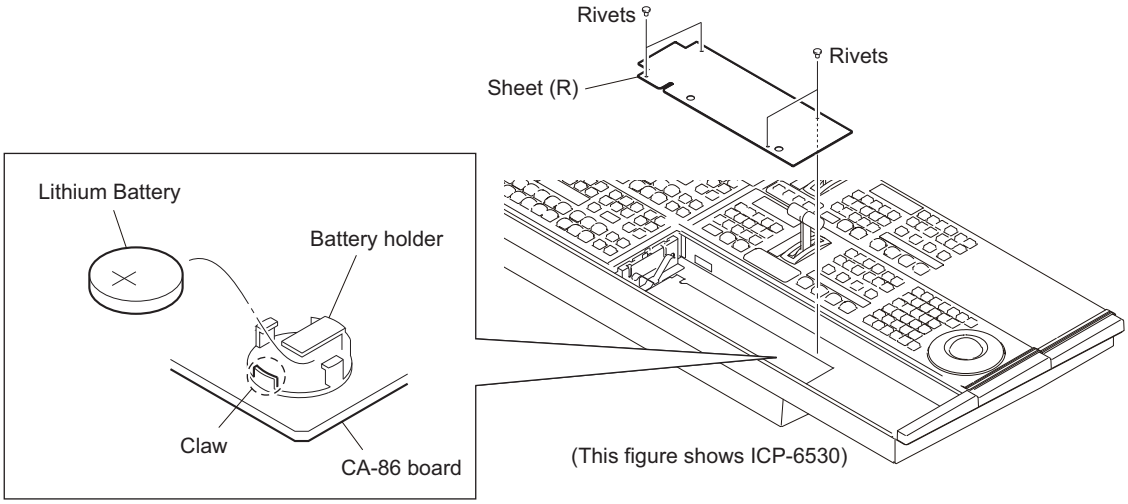
## 1-2-15. Lithium Battery

### Preparation

1. Remove the target panel assembly. (Refer to"1-2-1. Panel Assembly".)

### Procedure

1. Remove the four rivets to detach the Sheet (R).
2. Remove the claw of battery holder to detach the lithium battery.




**Notes**

- Carefully install a lithium battery in the correct orientation.

3. Install the removed parts by reversing the steps of removal.

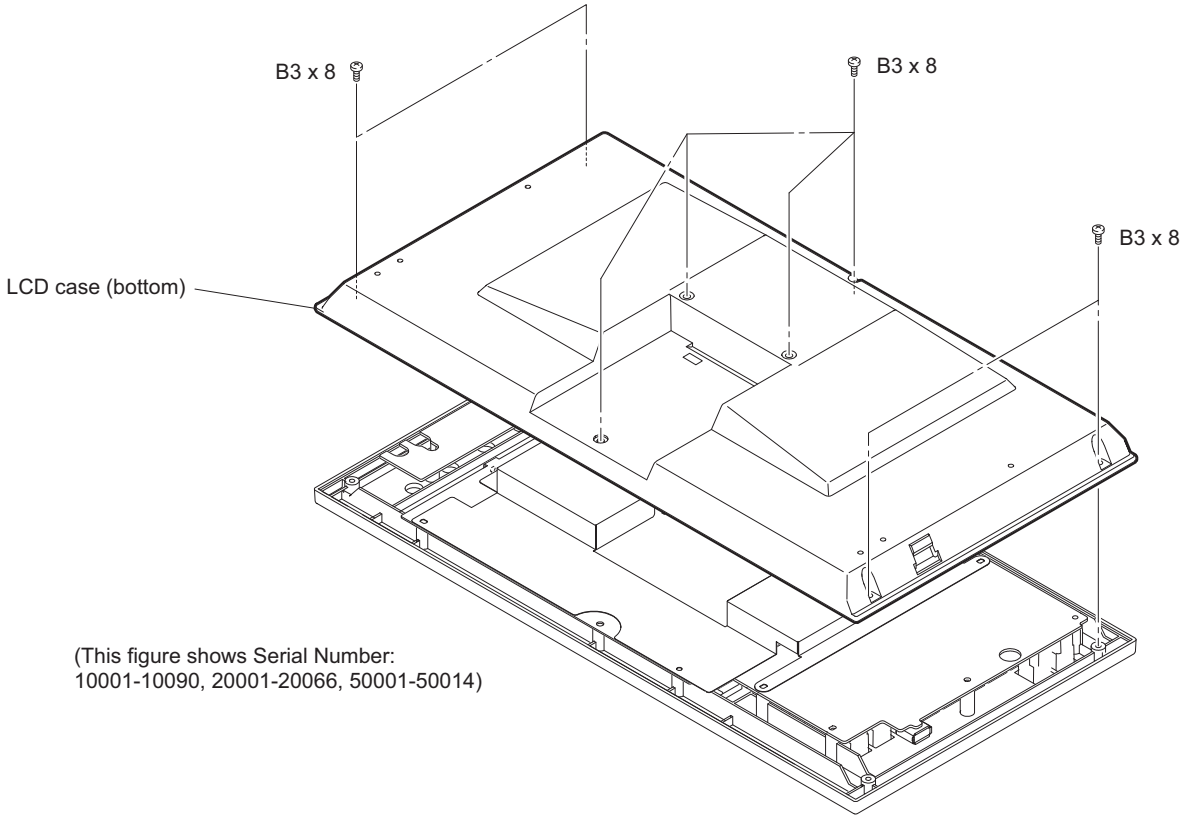
## 1-2-16. LCD (ICP-6511)

### Preparation

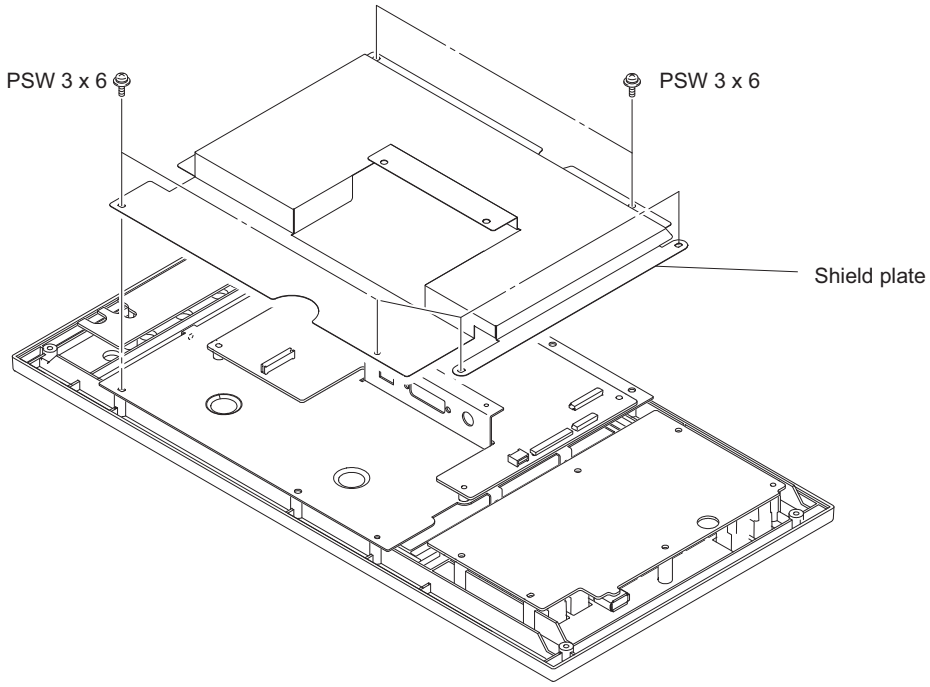
1. Remove the ICP-6511.

## Procedure

1. Remove the eight screws to detach the LCD case (bottom).

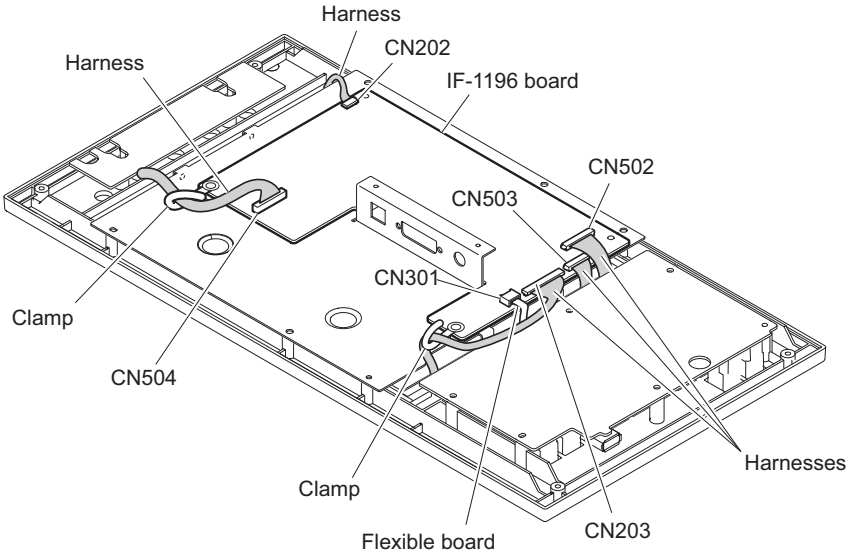



2. Remove the six screws to detach the shield plate. (Serial Number: 10001-10090, 20001-20066, 50001-50014)



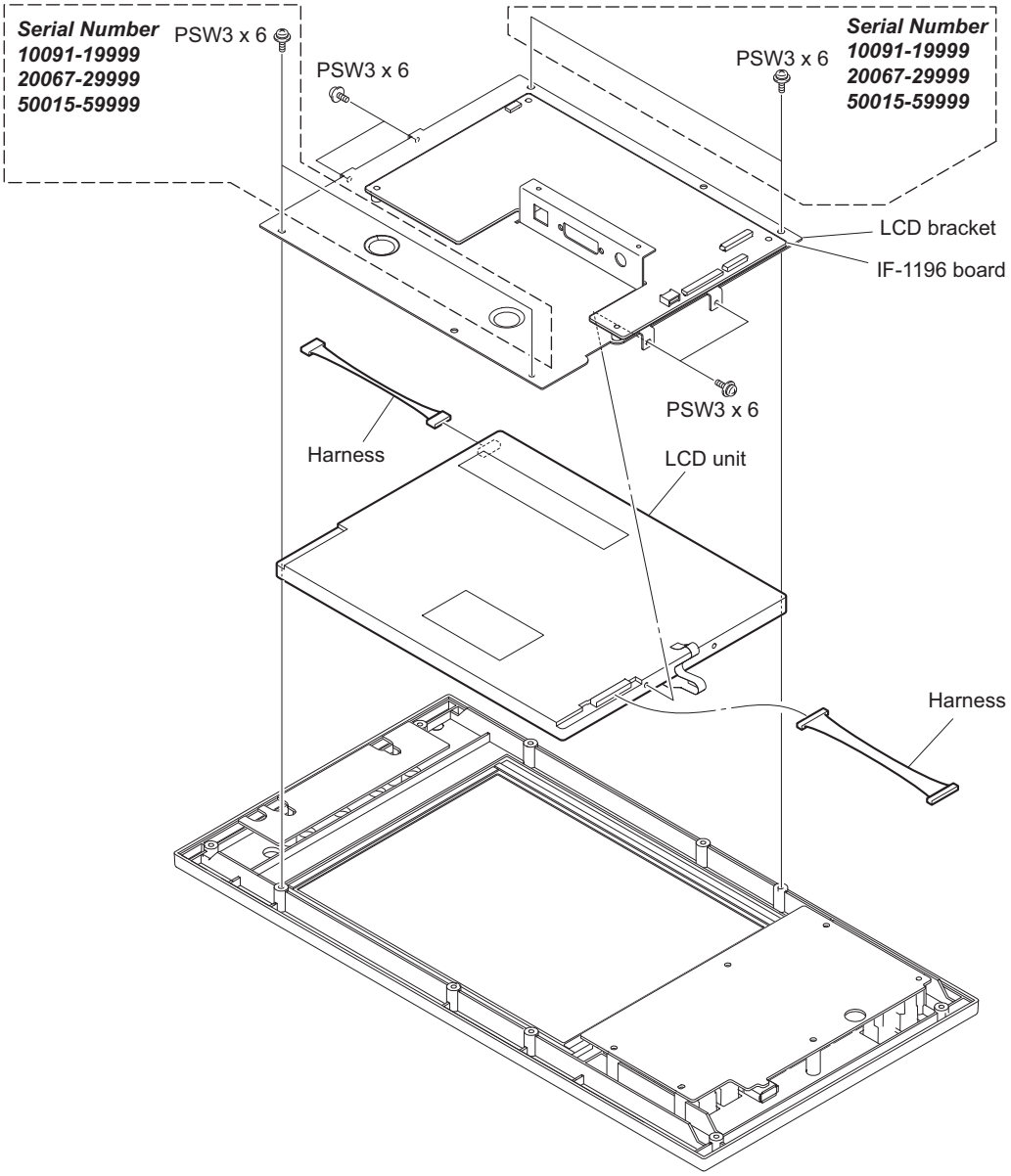

3. Disconnect the five harnesses and the flexible board from the six connectors (CN202, CN203, CN301, CN502, CN503, CN504) on the IF-1196 board.

4. Remove the two harnesses from the two clamps.




5. Remove the LCD bracket and the LCD unit from the set.
6. Remove the four screws. (Serial Number: 10091-19999, 20067-29999, 50015-59999)
7. Remove the LCD bracket.

8. Disconnect the two harnesses from the LCD unit.




9. Install the removed parts by reversing the steps of removal.

## 1-3. Service Tools

| Part number | Tool name | Use |
|---|---|---|
| 3-179-054-02 | Key-top Pull-out Tool | For replacing the labels on the key-top (Accessory) (Refer to 1-2-14.) |
| 3-262-100-02 | Hexagonal Wrench | For adjusting the torque of the fader assembly (Accessory) (Refer to 1-2-5.) |

## 1-4. Periodic Check/Replacement Parts

The following parts require periodic maintenance.

**Note**

- The replacement period shown in the following list are not guaranteed period of the parts. Use this list as guidelines form maintenance and inspection.
- The replacement period of each part is changed according to the environment and condition.

| Part | Replacing parts | Replacement period | Remarks |
|---|---|---|---|
| Fan | ⚠1-855-027-11 | Once in about 4 years | After replacement, reset the elapsed time of the new fan. (Refer to1-8-6.) |
| Switching regulator | ⚠1-474-416-11 | Once every 4 years and 6 months | After replacement, reset the elapsed time of the new switching regulator. (Refer to 1-8-5.) |
| BATTERY, LITHIUM (CR2032 TYPE) | ⚠1-528-174-33 | Once in about 4 years | For back up of internal clock on the CA-86 board.<br>After replacement, a reset of the time is necessary.<br>(Refer to Operation Manual) |

## 1-5. Circuit Protection Parts

### 1-5-1. Circuit Protection Element

This unit is equipped with positive-characteristic thermistors (power thermistors) as circuit protection elements.
The positive-characteristic thermistor limits the electric current flowing through the circuit as the internal resistance increases when an excessive current flows or when the ambient temperature increases.
If the positive-characteristic thermistor works, turn off the main power of the unit and inspect the internal circuit of the unit. After the cause of the fault is eliminated and the positive-characteristic thermistor is cooled down, turn on the main power again. The unit works normally. It takes about one minute to cool down the positive-characteristic thermistor after the main power is turned off.

| Board name | Ref. No. | Address | Part No. |
|---|---|---|---|
| CA-86 | TH1401 | G-4 (Side A) | ⚠1-804-458-21 |
| | THP801 | A-9 (Side A) | ⚠1-804-458-21 |

### 1-5-2. Replacing Fuses and IC Links

**WARNING**

Fuses and IC links are essential parts for safe operation. Be sure to use the parts specified in this manual. Replacing any fuse or IC link with an unspecified one may cause fire or electric shock.

**CAUTION**

Replacing any fuse or IC link is replaced while power is supplied to the unit may cause electric shock. Before replacing the fuses or IC links, not only turn off the POWER switch but also disconnect the cable that is connected to the AC IN connector or DC IN connector.

This unit is equipped with fuses and IC links. The fuses and IC links blow if overcurrent flows in the unit due to an abnormality, In that case, turn off the power of the unit, inspect inside of the unit, and then remove the cause of the overcurrent. After that, replace the defective parts.

| Board name | Ref. No. | Address | Name | Part No. |
|---|---|---|---|---|
| CA-86 | F1401 | G-10 (Side A) | Fuse (10 A/125 V) | ⚠1-576-329-21 |
| | F1701 | H-9 (Side A) | Fuse (5 A/125 V) | ⚠1-533-627-21 |
| | F1702 | H-8 (Side A) | Fuse (5 A/125 V) | ⚠1-533-627-21 |
| | F1703 | H-8 (Side A) | Fuse (5 A/125 V) | ⚠1-533-627-21 |
| | F1704 | H-7 (Side A) | Fuse (5 A/125 V) | ⚠1-533-627-21 |
| | F1705 | H-7 (Side A) | Fuse (5 A/125 V) | ⚠1-533-627-21 |
| | F1706 | H-6 (Side A) | Fuse (5 A/125 V) | ⚠1-533-627-21 |
| | F1711 | H-9 (Side B) | Fuse (5 A/125 V) | ⚠1-533-627-21 |
| | F1712 | H-8 (Side B) | Fuse (5 A/125 V) | ⚠1-533-627-21 |
| | F1713 | H-8 (Side B) | Fuse (5 A/125 V) | ⚠1-533-627-21 |
| | F1714 | H-7 (Side B) | Fuse (5 A/125 V) | ⚠1-533-627-21 |
| | F1715 | H-6 (Side B) | Fuse (5 A/125 V) | ⚠1-533-627-21 |
| | F1716 | H-6 (Side B) | Fuse (5 A/125 V) | ⚠1-533-627-21 |
| | PS001 | C-9 (Side B) | IC link (0.52 A/72 V) | ⚠1-533-539-21 |
| IF-1196 | F401 | B-2 (Side A) | Fuse (5 A/125 V) | ⚠1-533-627-21 |
| KY-695 | F001 | B-1 (Side B) | Fuse (5 A/125 V) | ⚠1-533-627-21 |

## 1-6. Lead-free Solder

Boards requiring use of unleaded solder are printed with a lead free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)

: LEAD FREE MARK

**Notes**

- Be sure to use the unleaded solder for the printed circuit board printed with the lead free mark.
- The unleaded solder melts at a temperature about 40 °C higher than the ordinary solder. Therefore, it is recommended to use a soldering iron having a temperature regulator.
- The ordinary soldering iron can be used but the iron tip has to be applied to the solder joint for a slightly longer time. The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful.

# 1-7. Circuit Description

## 1-7-1. ICP-6520/6530/3000/3016

### AC-235 Board (ICP-6520/6530/3000)

The filter on this board removes noise from the AC inlet. The paths from the AC IN A and AC IN B connectors are provided independently.
Power is sent through the switching regulator to the CA-86 board.

**Note**

This board is not used on ICP-3016.

### CA-86 Board

The CA-86 board is the CPU board of the panel body, which controls communication with the processor and the panel.
The 12 VDC power is supplied through the diodes (D1401, D1402) on this board. As soon as power is supplied, the Board Monitor FPGA (IC777) is activated and starts monitoring the board power and the fan.
When the power switch connected to CN1801 is turned on, the Board Monitor FPGA sets up the local power required for activating the CPU (IC001) and sets the clock IC frequency required for CPU operation.
The NAND Flash (IC701) stores U-Boot, Linux, and application data. The activated CPU starts panel processing according to these data.
MENU GUI screen data is drawn by the CPU and is output to the DVI-D. Touch operation or mouse operation required for GUI operation is performed through the USB interface. USB data is distributed to four channels by the HUB (IC902) on this board.
The Ethernet interface is provided for two channels and is used for communication with the processor and peripheral devices.
This board contains an SSD to be used to store setup file data and other data.
The fan is controlled by the circuit that selects high-speed rotation or low-speed rotation according to temperature. The fan status can be monitored by the CPU through the Board Monitor FPGA.
The Panel Interface FPGA (IC2001) connected to the CPU with PCI-Express controls KY boards.
With 6-channel control lines, the Panel Interface FPGA sends data to and receives data from KY boards through the dedicated harness. This FPGA also supplies 12 VDC to KY boards and controls power on/off of KY boards.
The EEPROM (IC201, IC2204) on this board retains setup data and maintenance information required for CPU operation.
Backed up by the lithium battery, the real-time clock IC (IC202) works continuously even during power-off.
This board is provided with a temperature monitoring IC (IC203) from which the CPU monitors the board temperature.

### CN-3538 Board

The photo encoder on this board reads the fader's gradient and outputs a pulse. This board is connected to KY-690, KY-691, and KY-692 boards.

### CN-3539 Board

Power switch and status indicators A and B are installed on the CN-3539 board. When power is supplied to the AC IN A and B connectors, the status indicators (green) light. If you press the power switch under this condition, the panel turns on. This board is connected to the CA-86 board.

### KY Boards

- KY-688 board (ICP-6520/6530/3000/3016)
- KY-689 board (ICP-6520/6530)
- KY-690 board (ICP-6530/3000/3016)
- KY-691 board (ICP-6520/6530/3000/3016)
- KY-692 board (ICP-6520/6530)
- KY-693 board (ICP-6520/6530/3000/3016)
- KY-694 board (ICP-6520/6530/3000/3016)
- KY-699 board (ICP-3000)

Each KY board performs communication with the CA-86 board and displays and reads devices mounted on the panel. Device types and the number of devices vary depending on KY boards, but the basic circuit configuration is common to all KY boards.
A voltage of 12 VDC is always supplied and the main DC-DC converter (IC400) is enabled or disabled by the ENBALE signal from the CA-86 board.
The Device FPGA has individual board information to control different devices on each board. LEDs are arranged in a matrix. IC501 and IC502 drive a current value of each LED on a time-division basis to control lighting of each LED.
Switch information is read from photodiodes arranged in a matrix by the Device FPGA through the serial line.
The OLED panel is lit by 16 V or 10 V generated by the DC-DC converter on the board.

### VR-347 Board

Four adjustment knobs are installed on the VR-347 board. This board is connected to the KY-693 board from which power is supplied. This board outputs four encoder pulses.

### VR-348 Board

The VR-348 board is used to detect the track ball. This board is connected to the KY-694 board from which power is supplied. This board reads X-Y pulses of the track ball and the number of revolutions of the ring and outputs pulses.

## 1-7-2. ICP-6511

### IF-1196 Board

The IF-1196 board is an interface board of ICP-6511. A power voltage of 12 V is supplied from the DC IN connector. This board receives GUI image data from panel body and displays it on the LCD panel using the interface ICs (IC201, IC202). USB signals from the DEVICE connector is internally distributed through the HUB (IC101). The USB Interface ICs (IC103, IC600) is used to send/receive LED on/off information and switch information of the KY-695 board, control the LCD panel backlight (IC204), and send/receive pulse information from the VR-349 board.
Coordinate information is read from the touch screen on the LCD panel by the dedicated driver (IC301), and the read information is sent to panel body with the USB interface. One of the USB paths is connected to the KY-695 board to read the device connected to the DEVICE connector on the side panel of ICP-6511.

### KY-695 Board

The KY-695 board is connected to the IF-1196 board by the switchboard of ICP-6511. The KY-695 board is controlled by the IF-1196 board to transfer the LED status and switch scan information. The USB HUB (IC104) makes a USB connection between the IF-1196 board and the Device connector on the side panel of ICP-6511.

## VR-349 Board

This board contains five adjustment knobs and outputs individual pulse information. This board is connected to the IF-1196 board.

## 1-8. Maintenance Menu

This unit executes the self-diagnosis in the following cases.

- When the unit is turned on.

The self-diagnosis is also performed during operation on a periodic basis.

You can check the self-diagnosis result with the maintenance menu.

The following describes the structure and contents of the maintenance menu.

| Menu Items (Menu Number) | Description |
|---|---|
| Maintenance Main (9991) | Displays the latest measurement data. |
| Maintenance Latest Error (9991.1) | Displays recent errors. |
| Maintenance Circuit Board (9991.2) | Displays the front board operating status and temperature sensor measurement result. |
| Maintenance PSU (9991.3) | Displays and resets the total operating hours of power supply unit. |
| Maintenance Fan (9991.4) | Displays the speed and total operating hours of fan. |

### 1-8-1. Calling the Maintenance Menu

1. Press a top menu selection button at the upper left of the menu display.
   The top menu window appears.
2. Enter a menu number with the numeric keypad.

| Menu Item | Menu Number |
|---|---|
| Maintenance Main | 9991 |
| Maintenance Latest Error | 9991.1 |
| Maintenance Circuit Board | 9991.2 |
| Maintenance PSU | 9991.3 |
| Maintenance Fan | 9991.4 |

3. Press the Enter button.
4. Repeat steps 2 and 3 twice.
   The selected menu item is displayed.

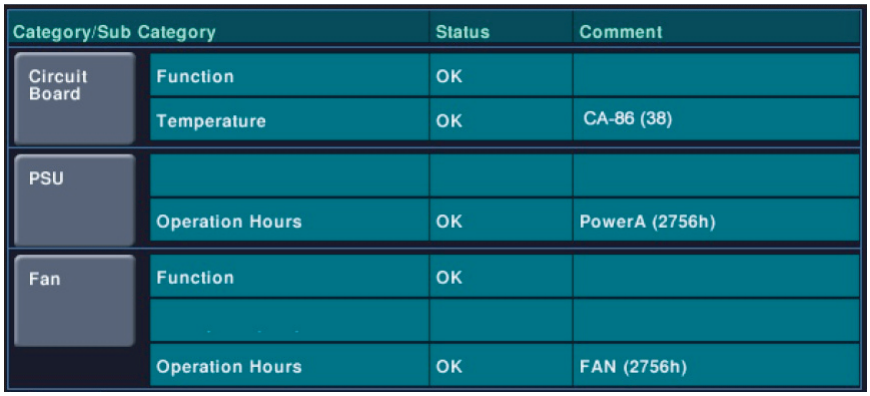
   **Note**

   A menu number must be entered three times in total.

### 1-8-2. Maintenance Main Menu

This menu displays the latest measurement data obtained during the self-diagnosis.

### Status area




### Function button area

**Note**

If the ICP-3000 is version 1.0x, DME1 and 2 buttons are not displayed.

| Sub Category | Description | Status | Comment |
|---|---|---|---|
| Function | CA-86 board operating status | OK, Error | Not displayed |
| Temperature | CA-86 board temperature error | OK, Error | Temperature (°C) are displayed. |
| PSU Operation Hours | Total operating hours of the power supply unit | OK, Error | The power supply unit name with maximum operating hours and the total operating hours are displayed. |
| Fan Function | Internal fan operating status | OK, Error | Not displayed |
| Fan Operation Hours | Total operating hours of the fan | OK, Error | The name and the total operating hours of the fan with the maximum operating hours are displayed. |

**Note**

When "Error" is displayed in the Status column, execute the Maintenance menu corresponding to the item in the Category column. (Refer to"1-8-4. Maintenance Circuit Board Menu"～"1-8-6. Maintenance Fan Menu")

### Buttons

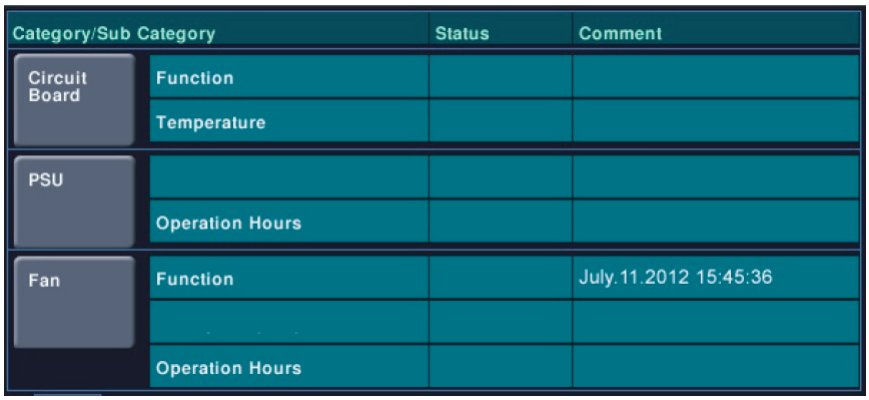
- Circuit Board button:
  This switches the menu to the Maintenance Circuit Board menu.
- PSU button:
  This switches the menu to the Maintenance PSU menu.
- Fan button:
  This switches the menu to the Maintenance Fan menu.
- SWR1 button:
  This displays the Maintenance Main menu of Switcher 1.

- UI button:
  This displays the Maintenance Main menu of UI.
- DME1 button (Not displayed if the ICP-3000 is version 1.0x) :
  This displays the Maintenance Main menu of DME1.
- DME2 button (Not displayed if the ICP-3000 is version 1.0x) :
  This displays the Maintenance Main menu of DME2.
- Latest Err button:
  This switches the menu to the Maintenance Latest Error menu.
- Board Config button:
  Not supported.

## 1-8-3. Maintenance Latest Error Menu

This menu displays the error location and time of recent errors using the self-diagnosis result.

### Status area




### Function button area

**Note**

If the ICP-3000 is version 1.0x, DME1 and 2 buttons are not displayed.

| Sub Category | Description | Error Location |
|---|---|---|
| Function | CA-86 board error | Display the "CA-86" |
| Temperature | Internal temperature error | Display the "CA-86" |
| PSU Operation Hours | Guaranteed operating hours of PSU exceeded | Not displayed |
| Fan Function | Fan error | Not displayed |
| Fan Operation Hours | Guaranteed operating hours of fan exceeded | Not displayed |

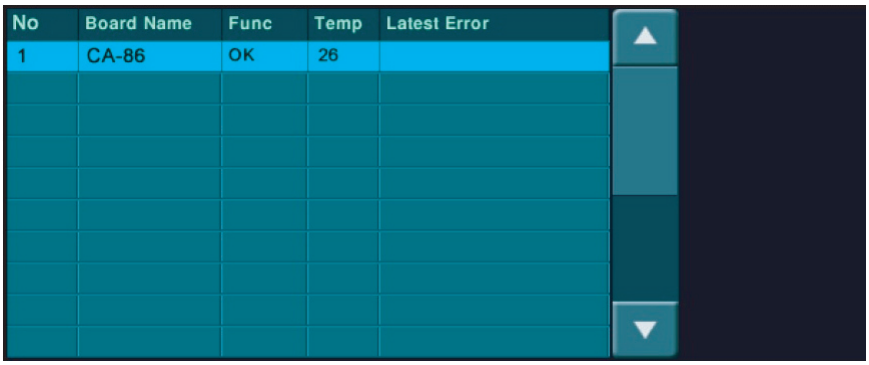
### Buttons

- Circuit Board button:
  This switches the menu to the Maintenance Circuit Board menu.
- PSU button:
  This switches the menu to the Maintenance PSU menu.
- Fan button:
  This switches the menu to the Maintenance Fan menu.
- SWR1 button:
  This displays the Maintenance Main menu of Switcher 1.
- UI button:
  This displays the Maintenance Main menu of UI.
- DME1 button (Not displayed if the ICP-3000 is version 1.0x) :
  This displays the Maintenance Main menu of DME1.
- DME2 button (Not displayed if the ICP-3000 is version 1.0x) :
  This displays the Maintenance Main menu of DME2.
- Maintenance Main button:
  This switches the menu to the Maintenance Main menu.

## 1-8-4. Maintenance Circuit Board Menu

This menu displays the CA-86 board operating status and the measurement result of the onboard temperature sensor. This menu also displays errors that require board replacement.

### Status area




### Function button area

**Note**

If the ICP-3000 is version 1.0x, DME1 and 2 buttons are not displayed.

### Items

- Func:
  "OK" is indicated when the CPU on the board is working correctly, and "Error" is indicated if the CPU malfunctions.

  **Note**

  For actions to be taken when "Error" is displayed, refer to "1-8-7. Error Indication and Action"
- Temp:
  The temperature (℃) measured by the onboard temperature sensor is displayed.
  If the temperature exceeds the specified value (60℃), the measured temperature is displayed yellow.
- Latest Error:
  The date and time of the latest error are displayed.

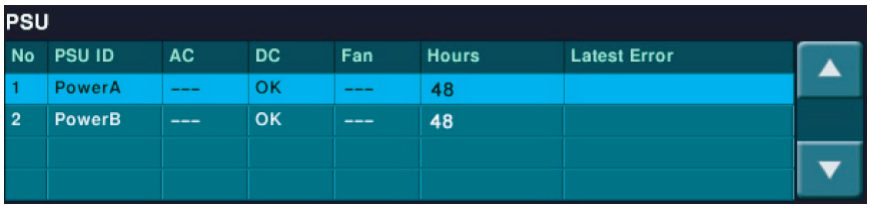
### Buttons

- SWR1 button:
  This displays the Maintenance Main menu of Switcher 1.
- UI button:
  This displays the Maintenance Main menu of UI.
- DME1 button (Not displayed if the ICP-3000 is version 1.0x) :
  This displays the Maintenance Main menu of DME1.
- DME2 button (Not displayed if the ICP-3000 is version 1.0x) :
  This displays the Maintenance Main menu of DME2.
- Maintenance Main button:
  This switches the menu to the Maintenance Main menu.

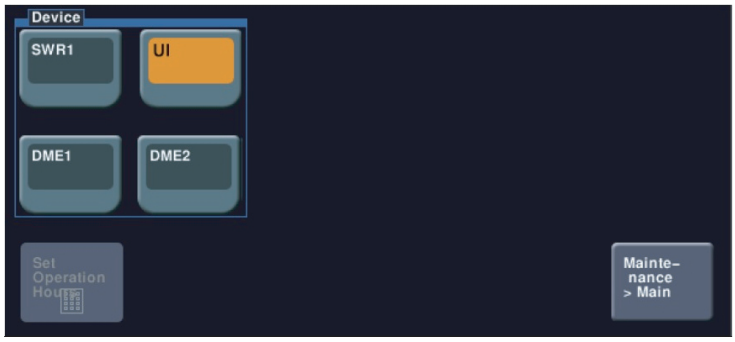
## 1-8-5. Maintenance PSU Menu

This menu displays the operating status and total operating hours of power supply units. This menu also resets the total operating hours.
This menu displays errors that require replacement of power supply units.

### Status area



### Function button area




**Note**

If the ICP-3000 is version 1.0x, DME1 and 2 buttons are not displayed.

### Items

- PSU ID:
  Power supply unit names are displayed.
- AC, DC, Fan:
  The AC, DC, and fan states of each power supply unit are displayed.
  “OK” is indicated when the power supply unit is working correctly, and “Error” is indicated if the power supply unit malfunctions.

  **Note**

  For actions to be taken when "Error" is displayed, refer to “1-8-7. Error Indication and Action”.
- Hours:
  The total operating time (hours) of each power supply unit is displayed.
  If the total operating time exceeds the guaranteed value, it is displayed yellow.

  **Note**

  For actions to be taken when value is displayed in yellow, refer to “1-8-7. Error Indication and Action”.
- Latest Error:
  The date and time of the latest error are displayed.

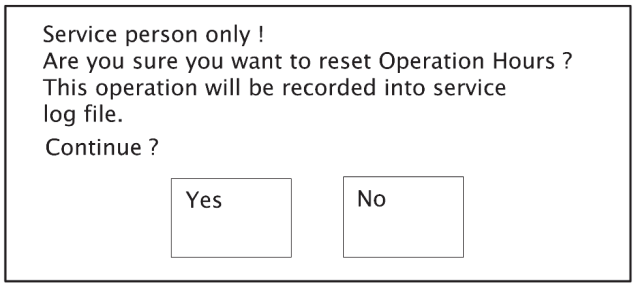
### Buttons

- SWR1 button:
  This displays the Maintenance Main menu of Switcher 1.
- UI button:
  This displays the Maintenance Main menu of UI.
- DME1 button (Not displayed if the ICP-3000 is version 1.0x) :
  This displays the Maintenance Main menu of DME1.
- DME2 button (Not displayed if the ICP-3000 is version 1.0x) :
  This displays the Maintenance Main menu of DME2.
- Set Operation Hours button:
  This sets the total operating hours of the selected power supply unit.
- Maintenance Main button:
  This switches the menu to the Maintenance Main menu.
- Set Operation Hours button:
  Not supported.

### Resetting Total Operating Hours

When a power supply unit is replaced, its total operating hours must be reset.
Reset the total operating hours using the following procedure.

1. Select the replaced power supply unit or fan from the status area.
2. Press the Set Operation Hours button.
   The confirmation message appears.




3. Press the Yes button.
   The numeric keypad window appears.
4. Enter “0” and press the Enter button.
5. Check that the total operating hours of the selected power supply unit is reset to “0” in the Hours column in the status area.

## 1-8-6. Maintenance Fan Menu

This menu displays the speed and total operating hours of fans. This menu also resets the total operating hours.
This menu displays errors that require replacement of fan.

### Status area

### Function button area

**Note**

If the ICP-3000 is version 1.0x, DME1 and 2 buttons are not displayed.

## Items

- Fan ID:
  Fan name is displayed.
- Function:
  “OK” is indicated when the fan is working correctly, and “Error” is indicated if the fan malfunctions.

  **Note**

  For actions to be taken when “Error” is displayed, refer to “1-8-7. Error Indication and Action”.
- Hours:
  The total operating time (hours) of fan is displayed.
  If the total operating time exceeds the guaranteed value, it is displayed yellow.

  **Note**

  For actions to be taken when value is displayed in yellow, refer to “1-8-7. Error Indication and Action”.
- Latest Error:
  The date and time of the latest error are displayed.

## Buttons

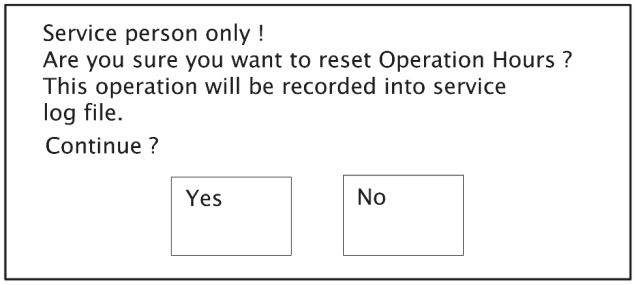
- SWR1 button:
  This displays the Maintenance Main menu of Switcher 1.
- UI button:
  This displays the Maintenance Main menu of UI.
- DME1 button (Not displayed if the ICP-3000 is version 1.0x) :
  This displays the Maintenance Main menu of DME1.
- DME2 button (Not displayed if the ICP-3000 is version 1.0x) :
  This displays the Maintenance Main menu of DME2.
- Set Operation Hours button:
  This sets the total operating hours of the selected fan.
- Maintenance Main button:
  This switches the menu to the Maintenance Main menu.
- Set Operation Hours button:
  Not supported.

## Resetting Total Operating Hours

When a fan is replaced, its total operating hours must be reset.
Reset the total operating hours using the following procedure.

1. Select the replaced power supply unit or fan from the status area.

2. Press the Set Operation Hours button.
   The confirmation message appears.




3. Press the Yes button.
   The numeric keypad window appears.
4. Enter “0” and press the Enter button.
5. Check that the total operating hours of the selected fan is reset to “0” in the Hours column in the status area.

## 1-8-7. Error Indication and Action

Errors as a result of the self-diagnosis and actions to be taken can be displayed with these menus.

| Menu | Error Indication | Action |
|---|---|---|
| Maintenance Circuit Board | "Error" is indicated in the Func column. | Replace the faulty board. (Refer to “1-2-7. CA-86 Board”) |
| Maintenance PSU | "Error" is indicated in the AC, DC, or Fan column. | Replace the faulty power supply unit. (Refer to“1-2-2. Switching Regulator”) After replacement, reset the total operating hours. (Refer to“1-8-5. Maintenance PSU Menu”) |
| | A value in the Hours column of a power supply unit is displayed yellow. | |
| Maintenance Fan | "Error" is indicated in the Function column. | Replace the faulty fan. (Refer to “1-2-3. DC Fan”) After replacement, reset the total operating hours. (Refer to “1-8-6. Maintenance Fan Menu”) |
| | A value in the Hours column of a fan is displayed yellow. | |

## 1-9. Tightening Torque

Tighten the following screws to the specified tightening torque.

- PSW 3x6: 0.8 ± 0.1 N·m
- PSW 3x8: 0.8 ± 0.1 N·m
- PSW 3x12: 0.8 ± 0.1 N·m
- B 3x8: 0.8 ± 0.1 N·m
- BVWH 3x8 GIZA TITE: 0.8 ± 0.1 N·m

# Section 2
# Spare Parts

## 2-1. Note on Repair Parts

**1. Safety Related Components Warning**

**WARNING**

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

**2. Standardization of Parts**

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.

**3. Stock of Parts**

Parts marked with "o" at SP (Supply Code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

**4. Harness**

Harnesses with no part number are not registered as spare parts.

**1. 安全重要部品**

**⚠警告**

⚠印のついた部品は安全性を維持するために重要な部品です。したがって，交換する時は必ず指定の部品を使ってください。

**2. 部品の共通化**

ソニーから供給する補修用部品は，セットに使われているものと異なることがあります。
これは部品の共通化，改良等によるものです。

**3. 部品の在庫**

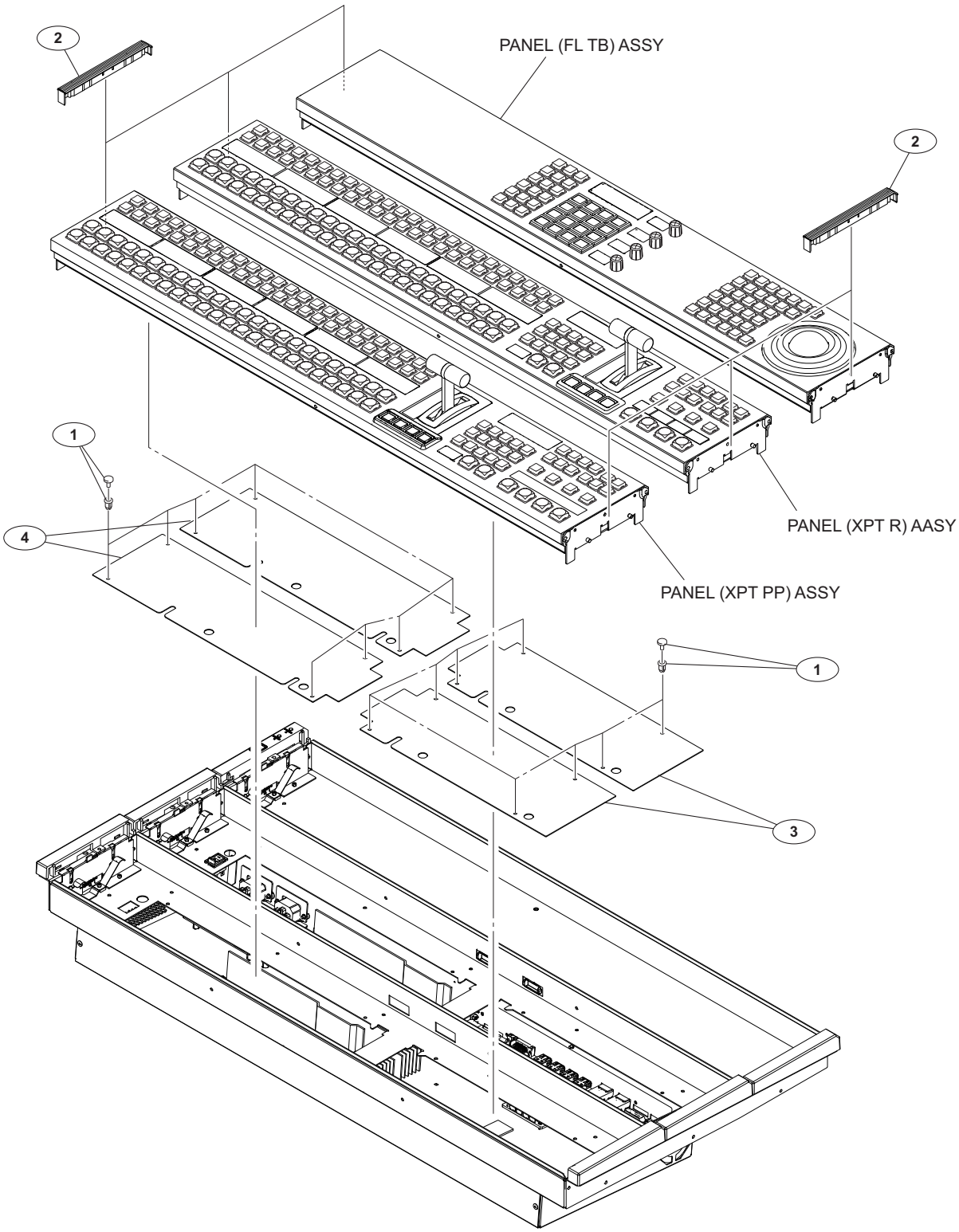
部品表の SP（Supply code）欄に "o" で示される部品は在庫していないことがあり，納期が長くなることがあります。

**4. ハーネス**

部品番号の記載されていないハーネスは，サービス部品として登録されていません。

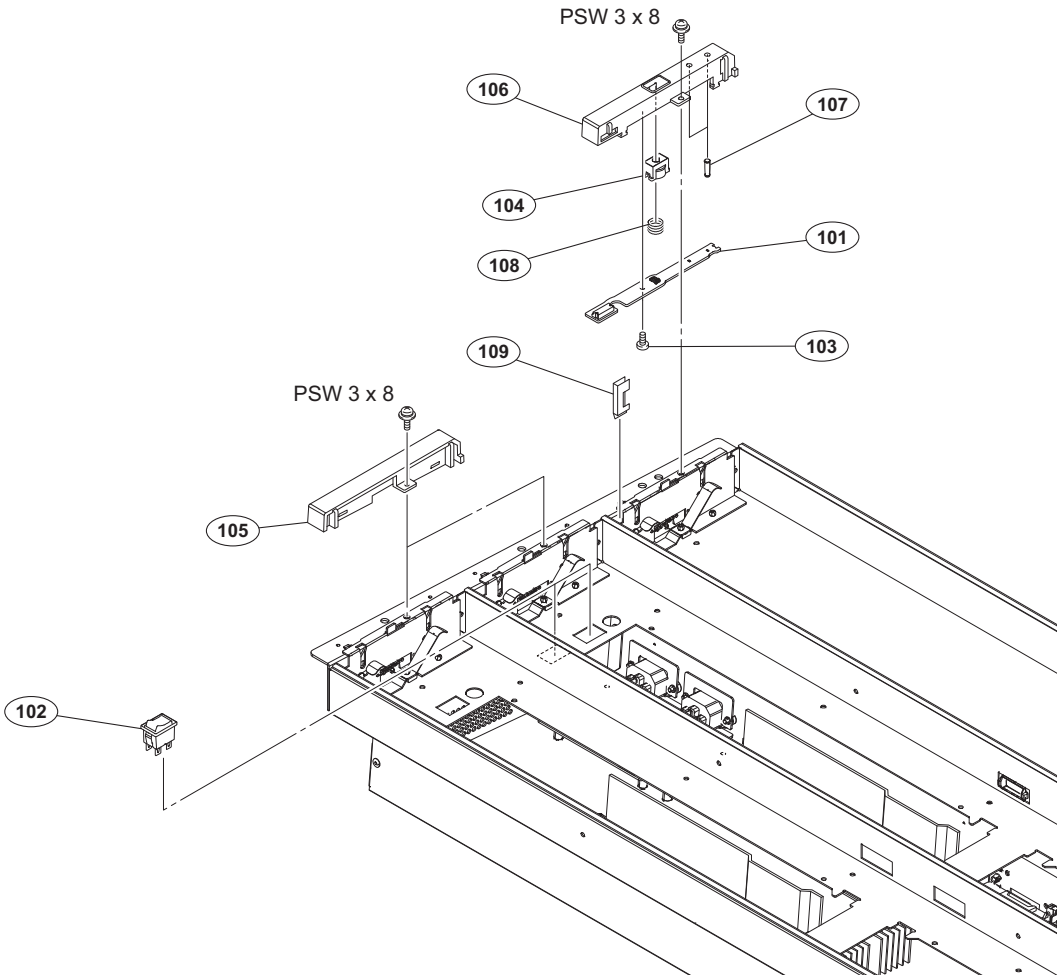
## 2-2. Exploded Views

### ICP-3000 Overall-1



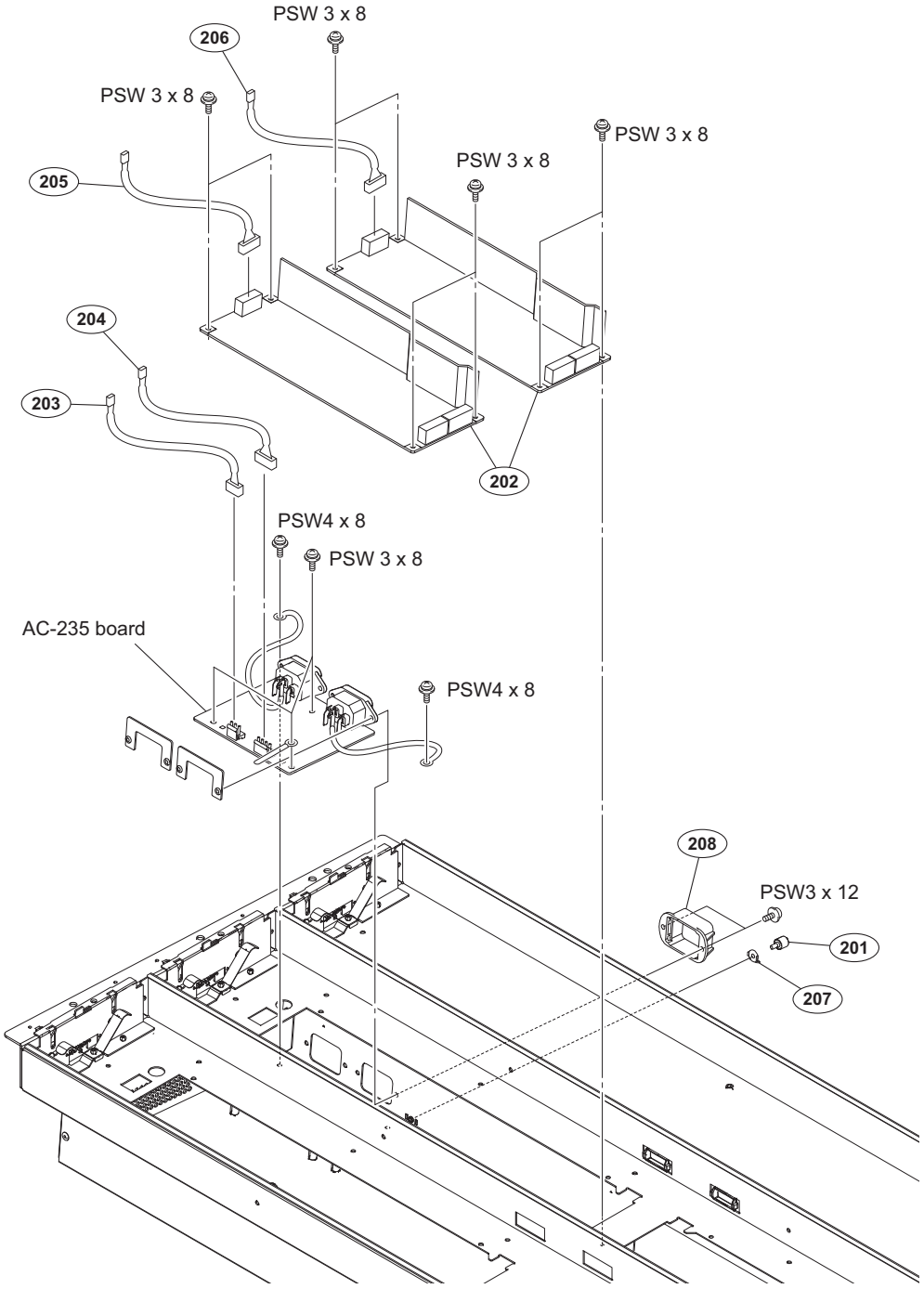

| No. | Part No. | SP | Description |
|---|---|---|---|
| 1 | 3-531-576-01 | s | RIVET |
| 2 | 3-637-965-11 | s | COVER, MODULE |
| 3 | ⚠ 4-442-608-03 | s | SHEET (R) |
| 4 | ⚠ 4-442-627-02 | s | INSULATING SHEET |

## ICP-3000 Overall-2



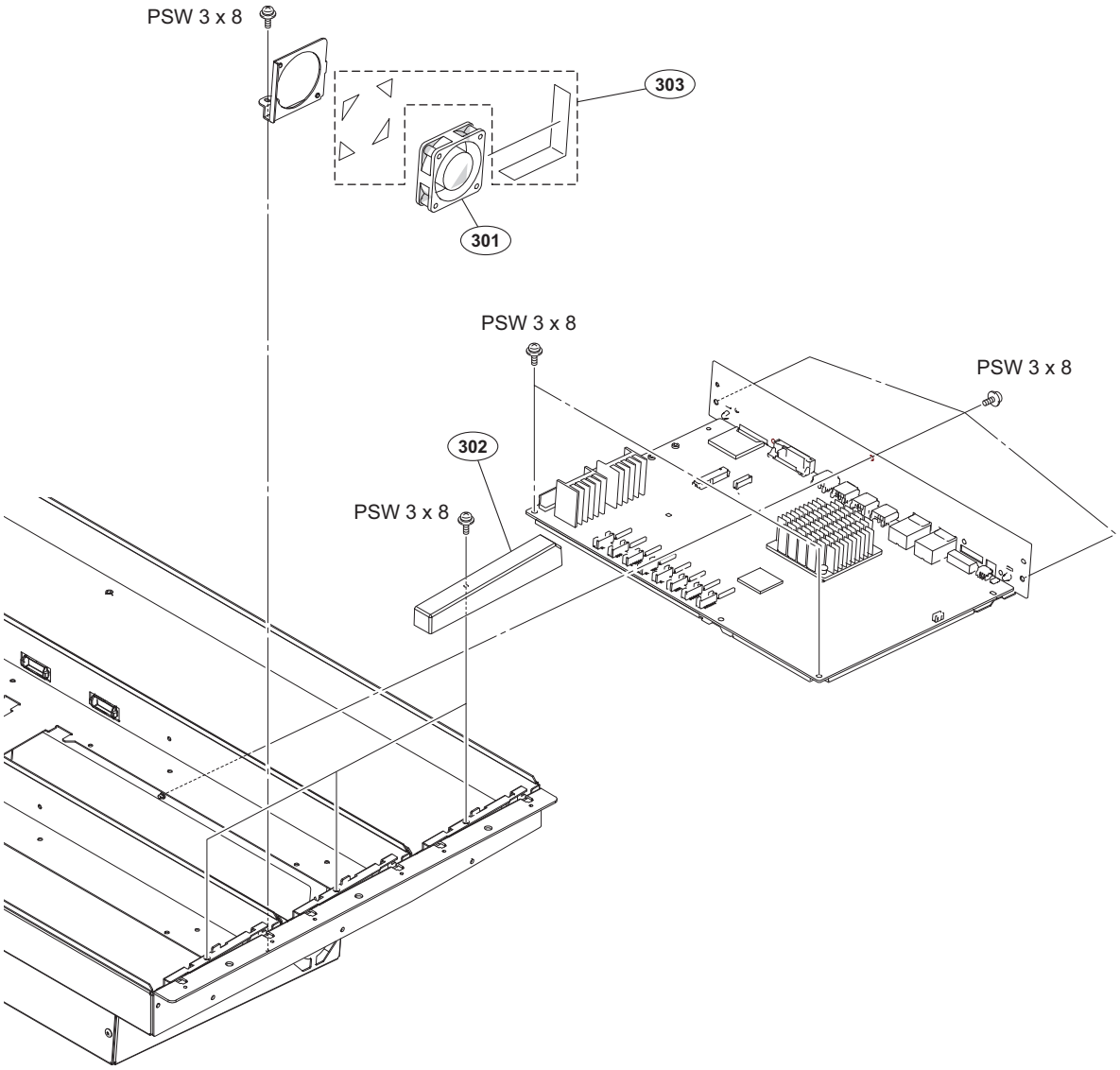

| No. | Part No. | SP | Description |
|---|---|---|---|
| 101 | A-1883-259-A | s | MOUNTED CIRCUIT BOARD, CN-3539 |
| 102 | ⚠ 1-771-124-11 | s | SWITCH, POWER |
| 103 | 3-678-079-02 | s | +BVWH 3X8 GIZA TITE |
| 104 | 4-442-507-01 | s | KEY TOP (PWR) |
| 105 | 4-442-508-02 | s | CAP (L) |
| 106 | 4-442-510-01 | s | CAP (SW) |
| 107 | 4-442-511-01 | s | LIGHT GUIDE (PNL) |
| 108 | 4-442-512-01 | s | SPRING, COMPRESSION |
| 109 | 4-442-604-01 | s | INSULATING SHEET (PS) |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## ICP-3000 Overall-3



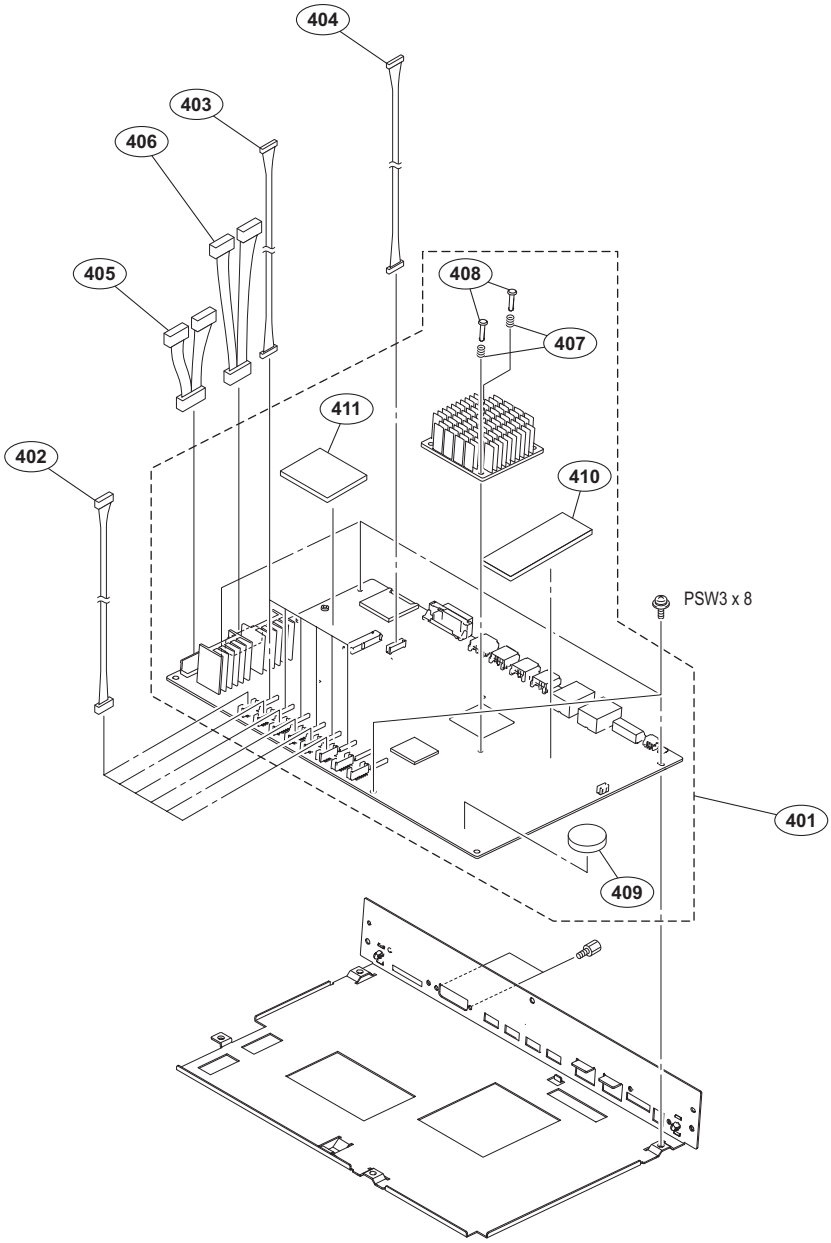

| No. | Part No. | SP | Description |
|---|---|---|---|
| 201 | X-2068-004-1 | s | TERMINAL ASSY |
| 202 | ⚠ 1-474-416-11 | s | REGULATOR, SWITCHING |
| 203 | 1-968-447-11 | s | HARNESS, SUB (AC-SW-A) |
| 204 | 1-968-448-11 | s | HARNESS, SUB (AC-SW-B) |
| 205 | 1-968-449-11 | s | HARNESS, SUB (SW-PS-A) |
| 206 | 1-968-450-11 | s | HARNESS, SUB (SW-PS-B) |
| 207 | 2-068-008-01 | s | WASHER |
| 208 | 2-990-241-02 | s | HOLDER (A), PLUG |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |
| | 7-682-950-01 | s | SCREW +PSW 3X12 |
| | 7-682-961-01 | s | SCREW +PSW 4X8 |

## ICP-3000 Overall-4



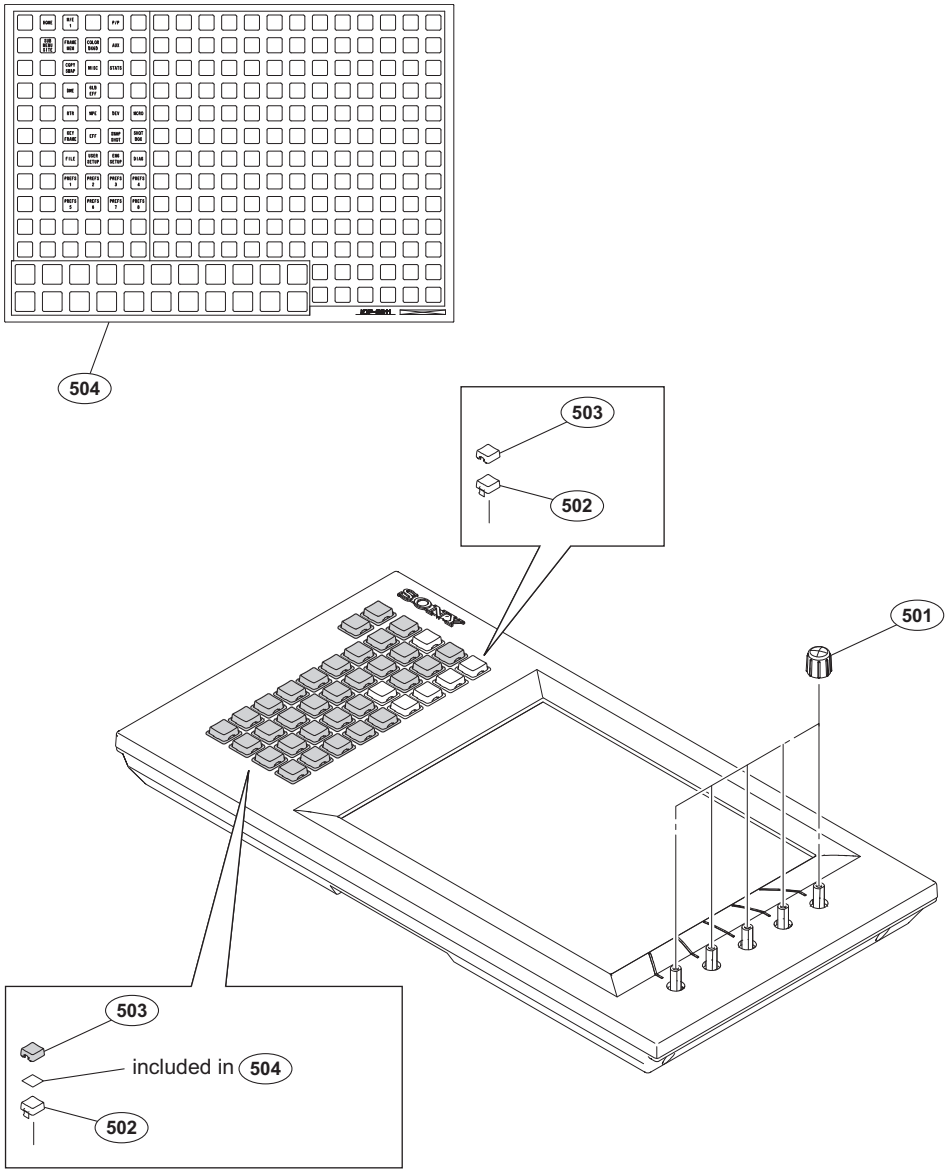

| No. | Part No. | SP | Description |
|---|---|---|---|
| 301 | ⚠ 1-855-027-11 | s | FAN, DC (52 SQUARE) |
| 302 | 4-442-509-02 | s | CAP (R) |
| 303 | 4-444-303-02 | s | CUSHION |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## ICP-3000 Overall-5



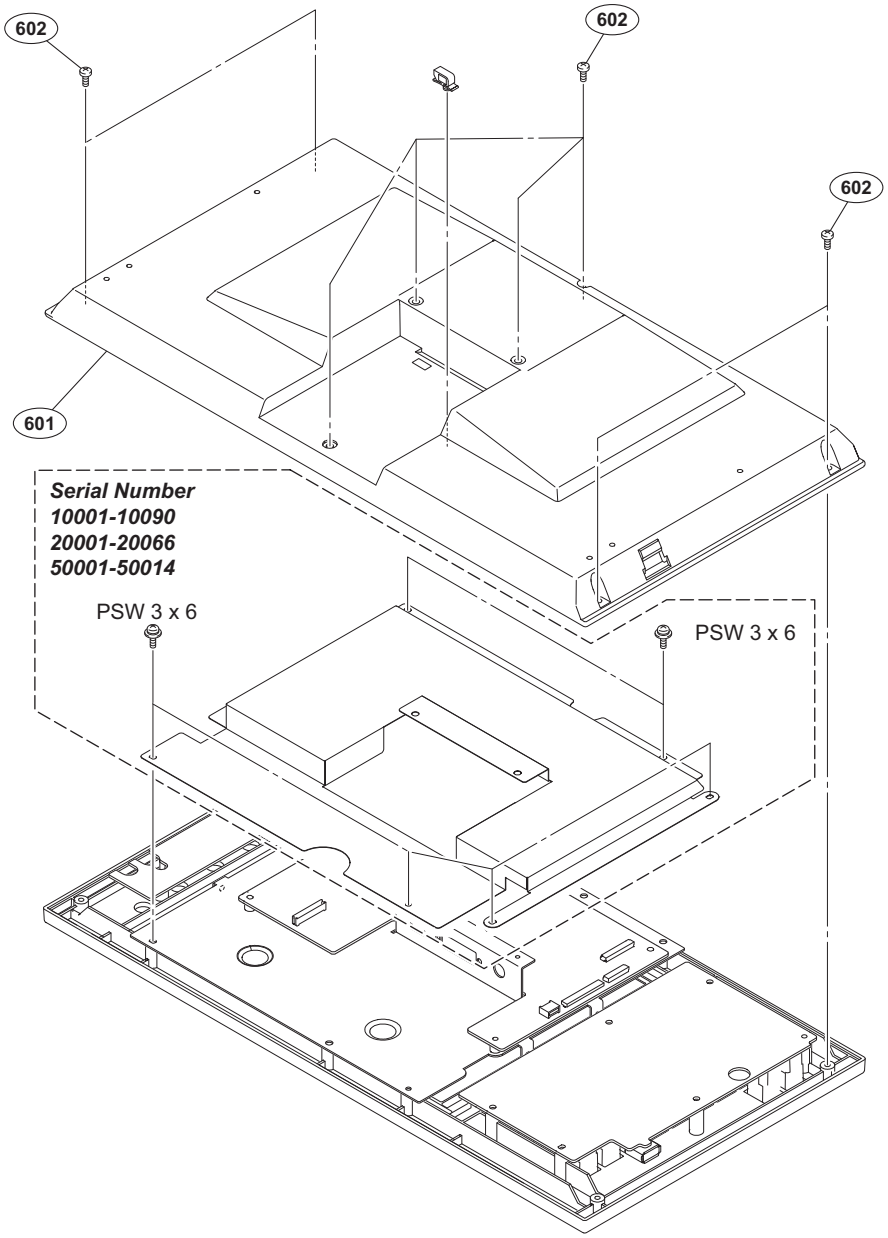

| No. | Part No. | SP | Description |
|---|---|---|---|
| 401 | A-1883-249-A | s | MOUNTED CIRCUIT BOARD, CA-86 |
| 402 | 1-968-723-11 | s | HARNESS (KY-POWER_L) |
| 403 | 1-968-725-11 | s | HARNESS (COAXIAL KY-SIGNAL-LL) |
| 404 | 1-968-726-12 | s | HARNESS (CA-POWERSW) |
| 405 | 1-968-451-11 | s | HARNESS, SUB (PS-CA-A) |
| 406 | 1-968-452-11 | s | HARNESS, SUB (PS-CA-B) |
| 407 | 4-143-557-01 | s | SPRING, COMPRESSION |
| 408 | 4-143-559-01 | s | PIN, PUSH |
| 409 | ⚠ 1-528-174-33 | s | BATTERY, LITHIUM (CR2032 TYPE) |
| 410 | 6-718-246-01 | s | IC HMT325S6CFR8C-PBN0 |
| 411 | 6-719-189-01 | s | IC THNSNB030GMCJ |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## ICP-6511 Overall-1



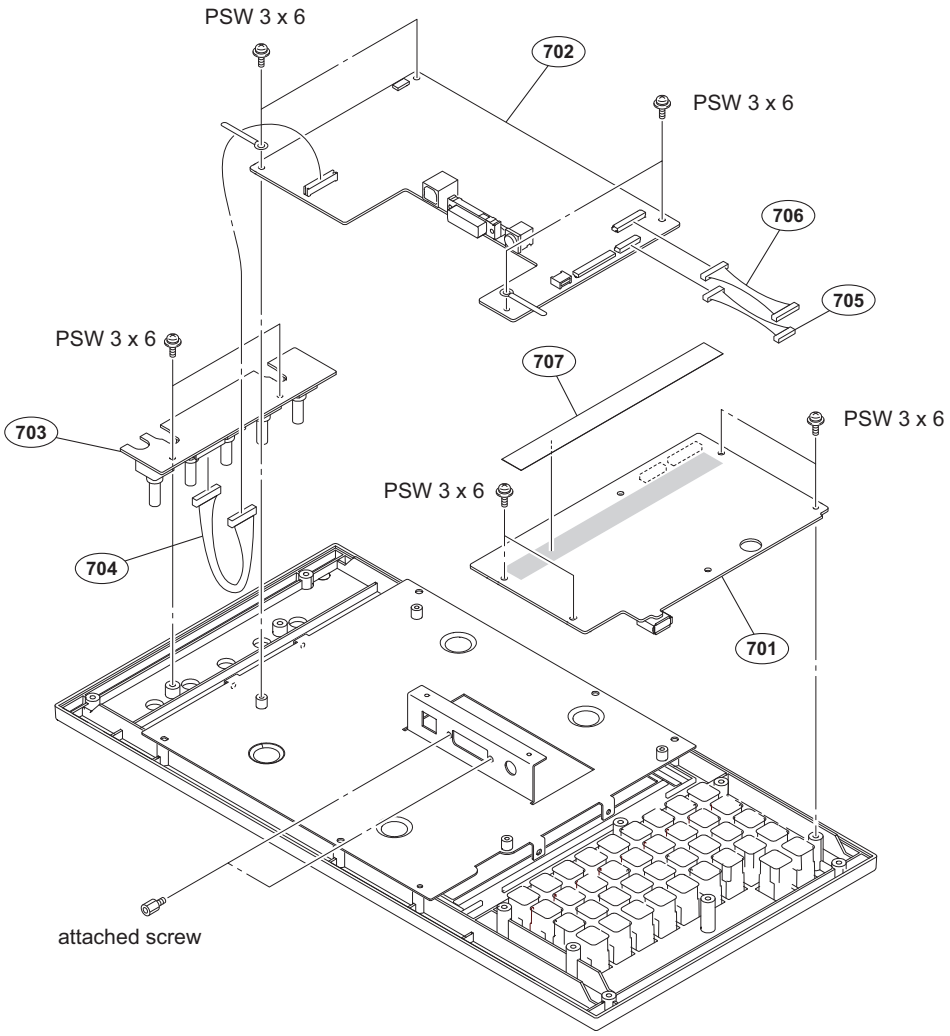

| No. | Part No. | SP | Description |
|---|---|---|---|
| 501 | X-3608-600-2 | s | ASSY, KNOB VOLUME |
| 502 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 503 | 4-145-369-01 | s | CAP (12) |
| 504 | 4-445-757-01 | s | CHIP (6511), SWITCH |

## ICP-6511 Overall-2



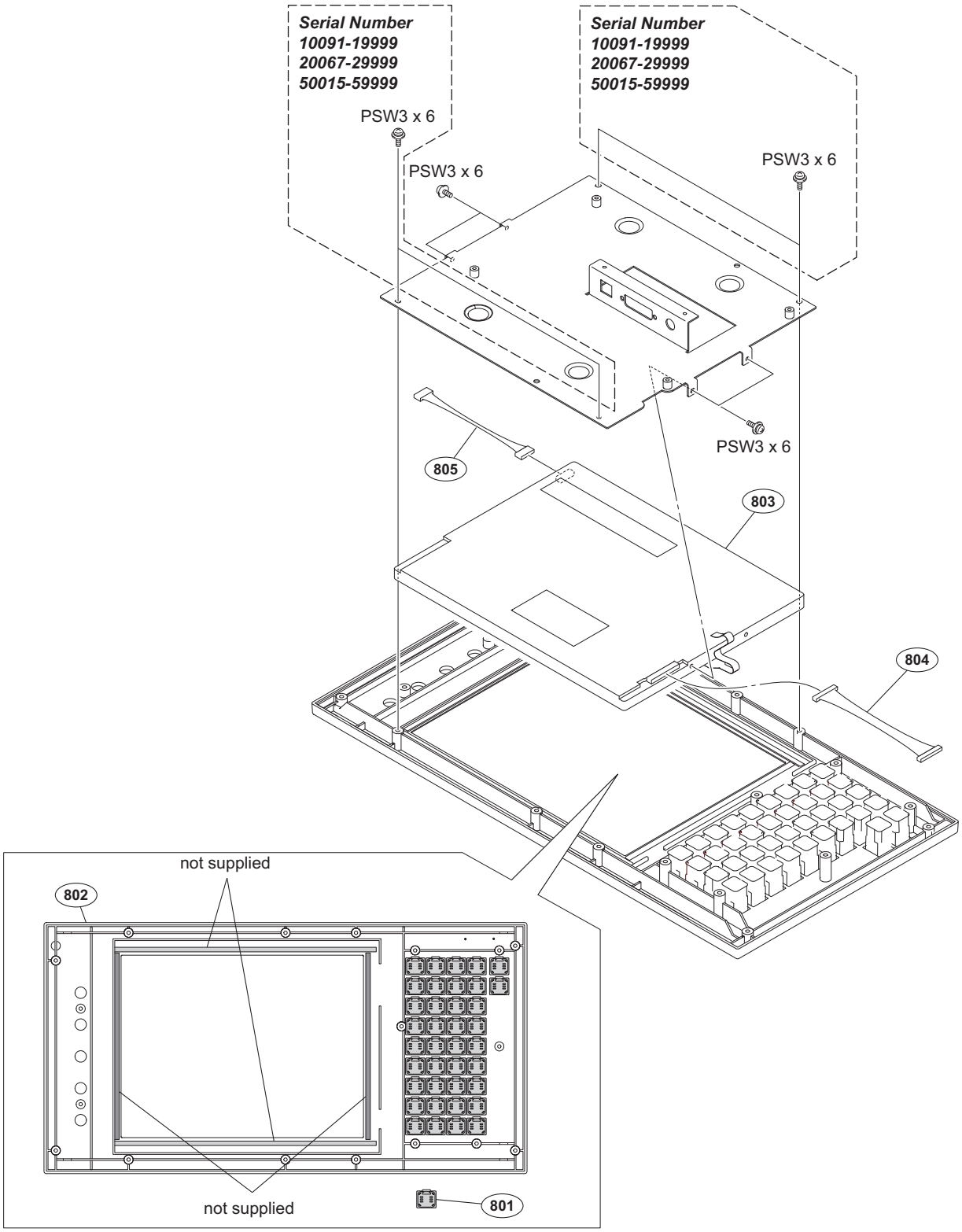

| No. | | Part No. | SP | Description |
|---|---|---|---|---|
| 601 | ⚠ | 3-636-819-11 | s | CASE (BOTTOM ),LCD |
| 602 | | 3-725-295-11 | s | SCREW, (+) (B3) |
| | | 7-682-947-01 | s | SCREW +PSW 3X6 |

## ICP-6511 Overall-3



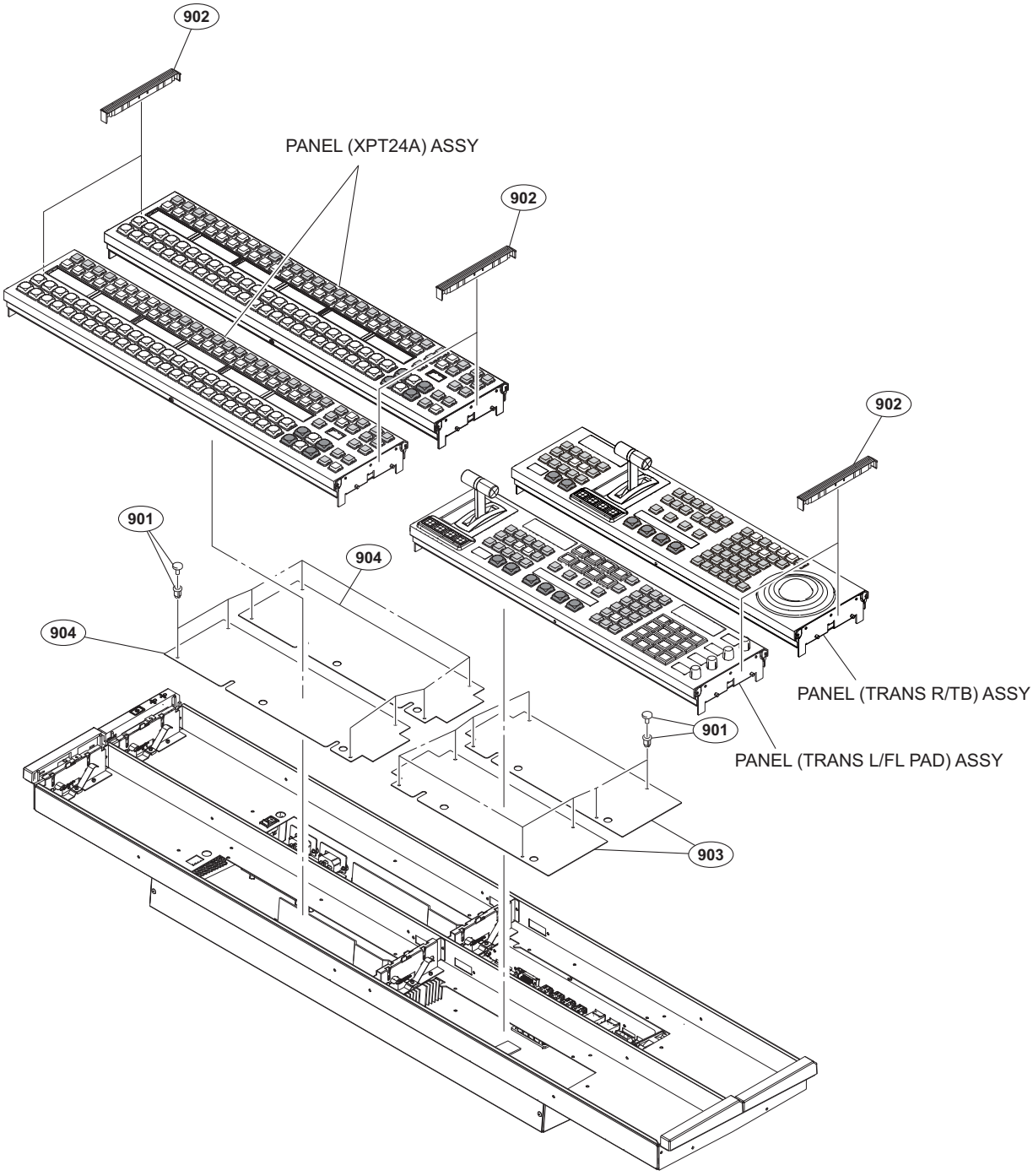

| No. | Part No. | SP | Description |
|---|---|---|---|
| 701 | A-1883-261-A | s | MOUNTED CIRCUIT BOARD, KY-695 |
| 702 | A-1883-262-A | s | MOUNTED CIRCUIT BOARD, IF-1196 |
| 703 | A-1883-263-A | s | MOUNTED CIRCUIT BOARD, VR-349 |
| 704 | 1-962-351-11 | s | HARNESS, SUB (VR-N) |
| 705 | 1-968-733-11 | s | HARNESS (IFKY-W) |
| 706 | 1-968-734-11 | s | HARNESS (IFKY-N) |
| 707 | 4-445-945-01 | s | INSULATING SHEET |
| | 7-682-947-01 | s | SCREW +PSW 3X6 |

## ICP-6511 Overall-4



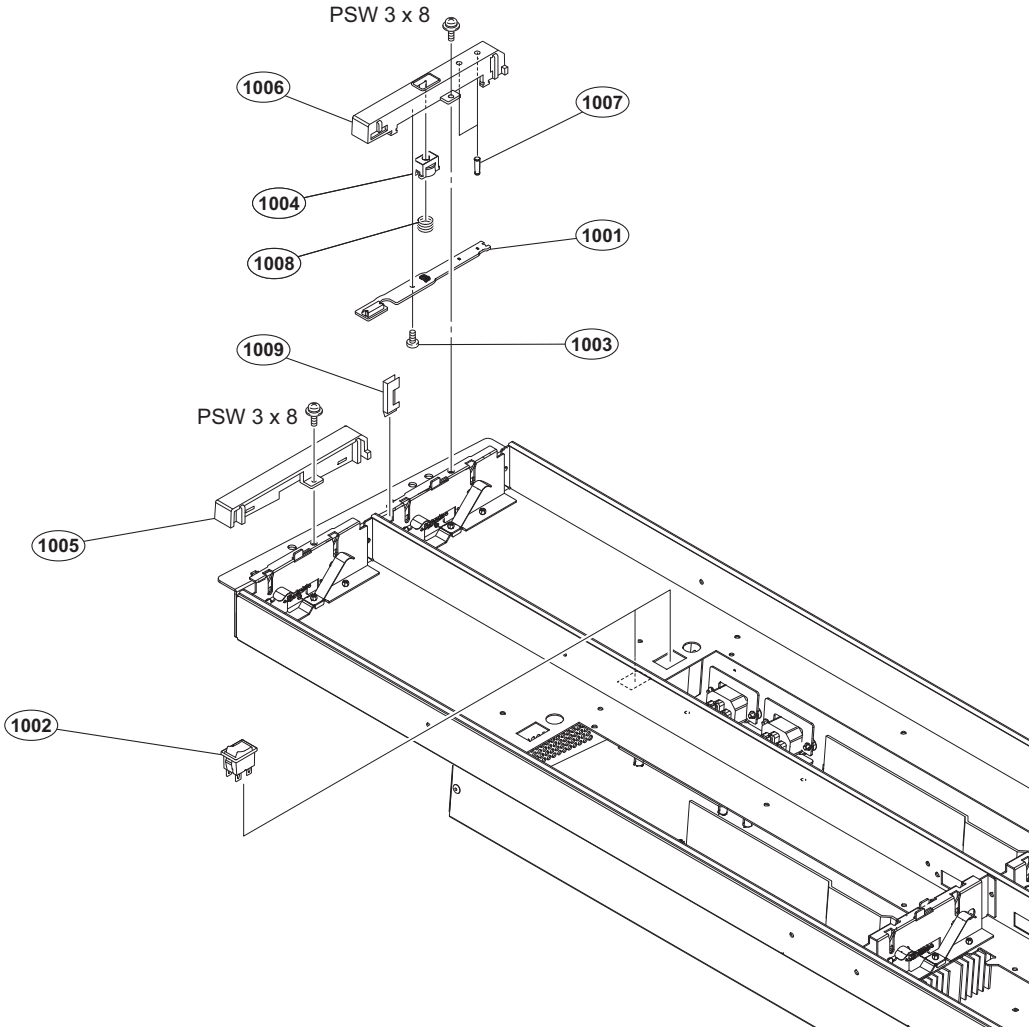

| No. | Part No. | SP | Description |
|---|---|---|---|
| 801 | A-1719-809-B | s | SW CASE (12) ASSY |
| 802 | ⚠ A-1923-009-A | s | CASE (TOP) ASSY, LCD |
| 803 | ⚠ 1-811-681-11 | s | LCD UNIT |
| 804 | 1-968-735-11 | s | HARNESS (LCD-DATA) |
| 805 | 1-968-736-11 | s | HARNESS (LCD-BACKLIGHT) |
| | 7-682-947-01 | s | SCREW +PSW 3X6 |

## ICP-6520 Overall-1



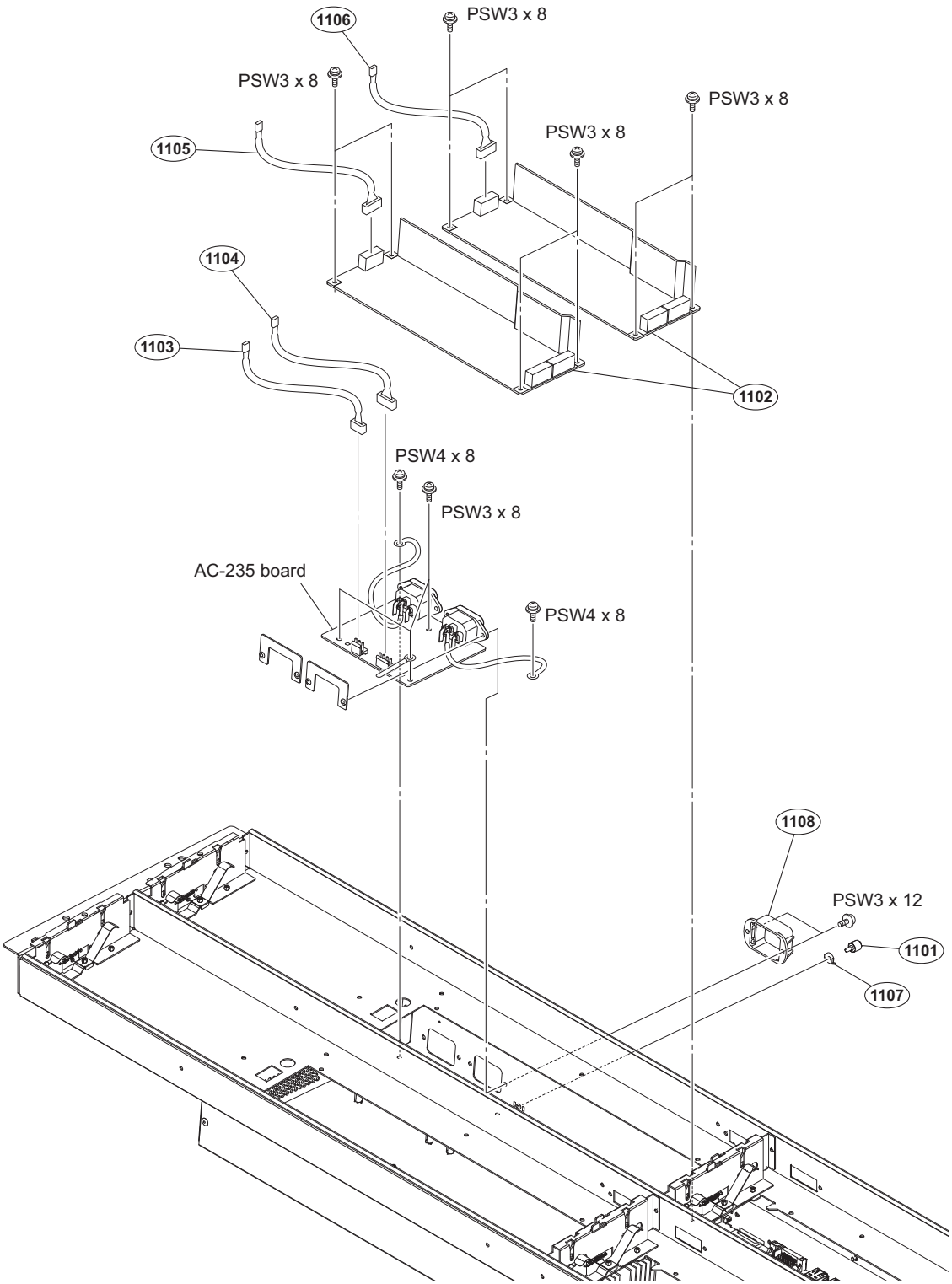

| No. | Part No. | SP | Description |
|---|---|---|---|
| 901 | 3-531-576-01 | s | RIVET |
| 902 | 3-637-965-11 | s | COVER, MODULE |
| 903 | ⚠ 4-442-608-03 | s | SHEET (R) |
| 904 | ⚠ 4-442-627-02 | s | INSULATING SHEET |

## ICP-6520 Overall-2




| No. | Part No. | SP | Description |
|---|---|---|---|
| 1001 | A-1883-259-A | s | MOUNTED CIRCUIT BOARD, CN-3539 |
| 1002 | ⚠ 1-771-124-11 | s | SWITCH, POWER |
| 1003 | 3-678-079-02 | s | +BVWH 3X8 GIZA TITE |
| 1004 | 4-442-507-01 | s | KEY TOP (PWR) |
| 1005 | 4-442-508-02 | s | CAP (L) |
| 1006 | 4-442-510-01 | s | CAP (SW) |
| 1007 | 4-442-511-01 | s | LIGHT GUIDE(PNL) |
| 1008 | 4-442-512-01 | s | SPRING, COMPRESSION |
| 1009 | 4-442-604-01 | s | INSULATING SHEET (PS) |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

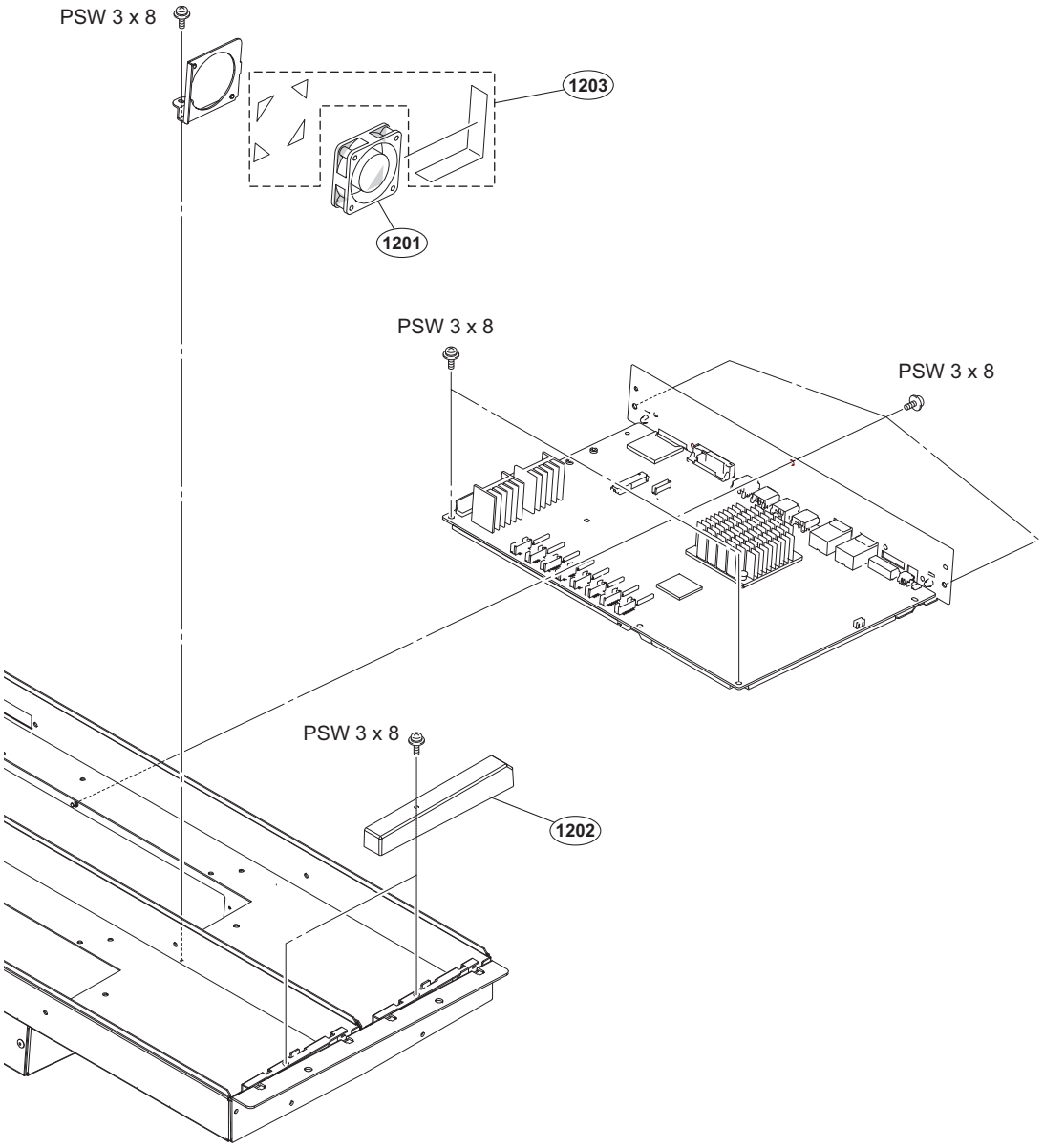
## ICP-6520 Overall-3




| No. | Part No. | SP | Description |
|---|---|---|---|
| 1101 | X-2068-004-1 | s | TERMINAL ASSY |
| 1102 | ⚠ 1-474-416-11 | s | REGULATOR, SWITCHING |
| 1103 | 1-968-447-11 | s | HARNESS, SUB (AC-SW-A) |
| 1104 | 1-968-448-11 | s | HARNESS, SUB (AC-SW-B) |
| 1105 | 1-968-449-11 | s | HARNESS, SUB (SW-PS-A) |
| 1106 | 1-968-450-11 | s | HARNESS, SUB (SW-PS-B) |
| 1107 | 2-068-008-01 | s | WASHER |
| 1108 | 2-990-241-02 | s | HOLDER (A), PLUG |

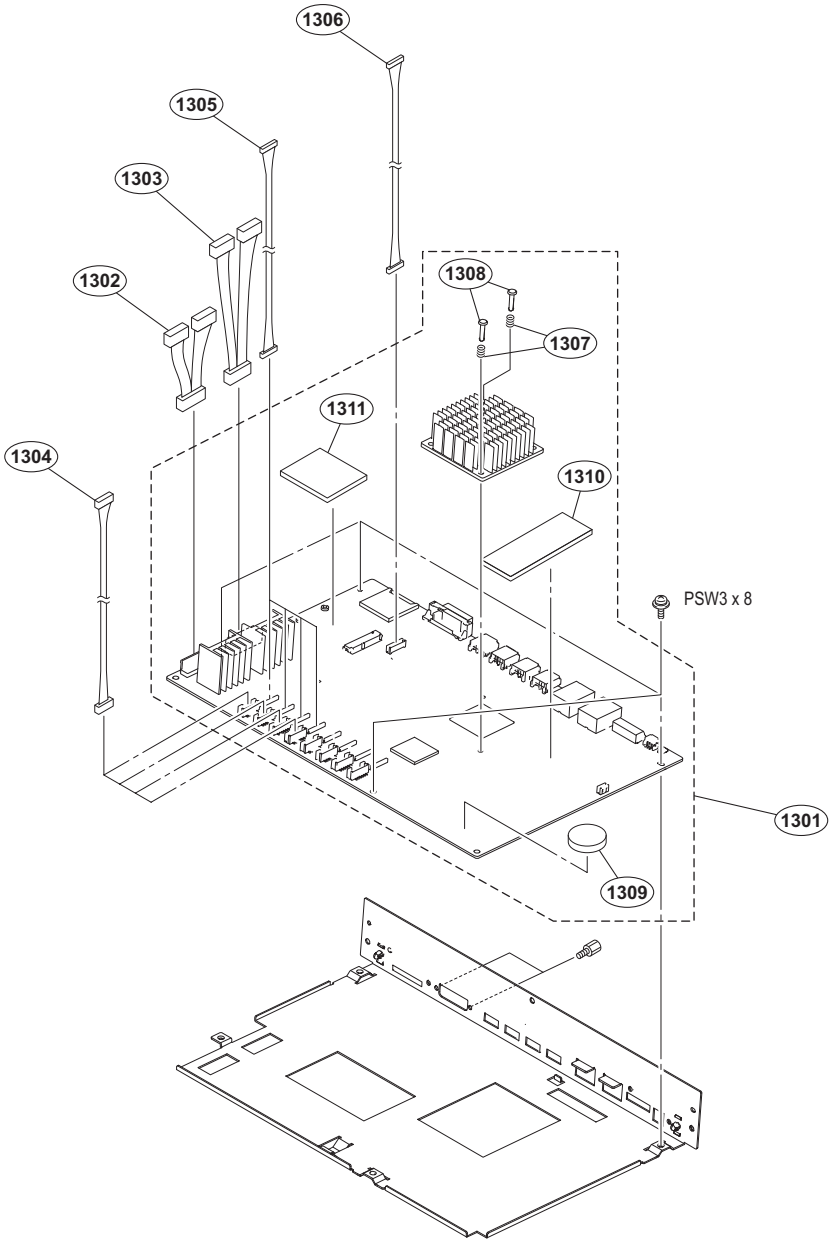
| No. | Part No. | SP | Description |
|---|---|---|---|
| | 7-682-948-01 | s | SCREW +PSW 3X8 |
| | 7-682-950-01 | s | SCREW +PSW 3X12 |
| | 7-682-961-01 | s | SCREW +PSW 4X8 |

## ICP-6520 Overall-4



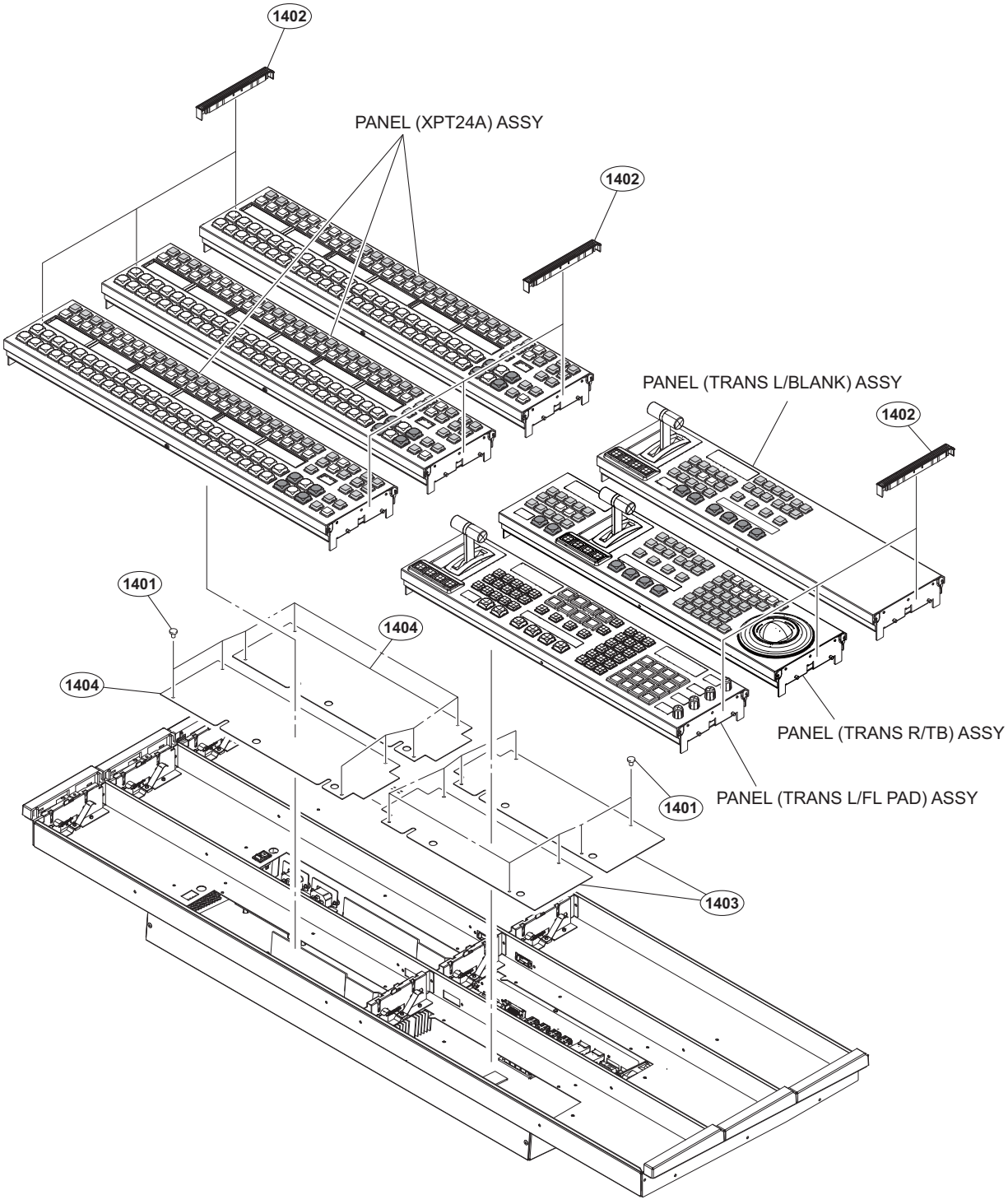

| No. | Part No. | SP | Description |
|---|---|---|---|
| 1201 | ⚠ 1-855-027-11 | s | FAN, DC (52 SQUARE) |
| 1202 | 4-442-509-01 | s | CAP (R) |
| 1203 | 4-444-303-02 | s | CUSHION |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## ICP-6520 Overall-5



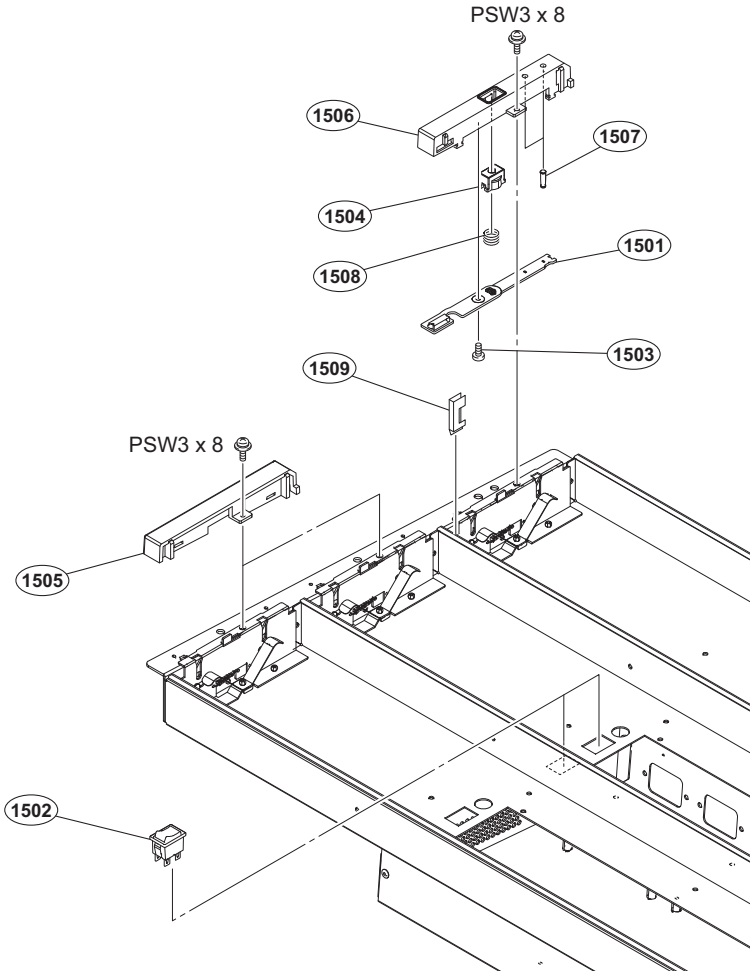

| No. | Part No. | SP | Description |
|---|---|---|---|
| 1301 | A-1883-249-A | s | MOUNTED CIRCUIT BOARD, CA-86 |
| 1302 | 1-968-451-11 | s | HARNESS, SUB (PS-CA-A) |
| 1303 | 1-968-452-11 | s | HARNESS, SUB (PS-CA-B) |
| 1304 | 1-968-723-11 | s | HARNESS (KY-POWER_L) |
| 1305 | 1-968-725-11 | s | HARNESS (COAXIAL KY-SIGNAL-LL) |
| 1306 | 1-968-726-12 | s | HARNESS (CA-POWERSW) |
| 1307 | 4-143-557-01 | s | SPRING, COMPRESSION |
| 1308 | 4-143-559-01 | s | PIN, PUSH |
| 1309 | ⚠ 1-528-174-33 | s | BATTERY, LITHIUM (CR2032 TYPE) |
| 1310 | 6-718-246-01 | s | IC HMT325S6CFR8C-PBN0 |
| 1311 | 6-719-189-01 | s | IC THNSNB030GMCJ |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## ICP-6530 Overall-1



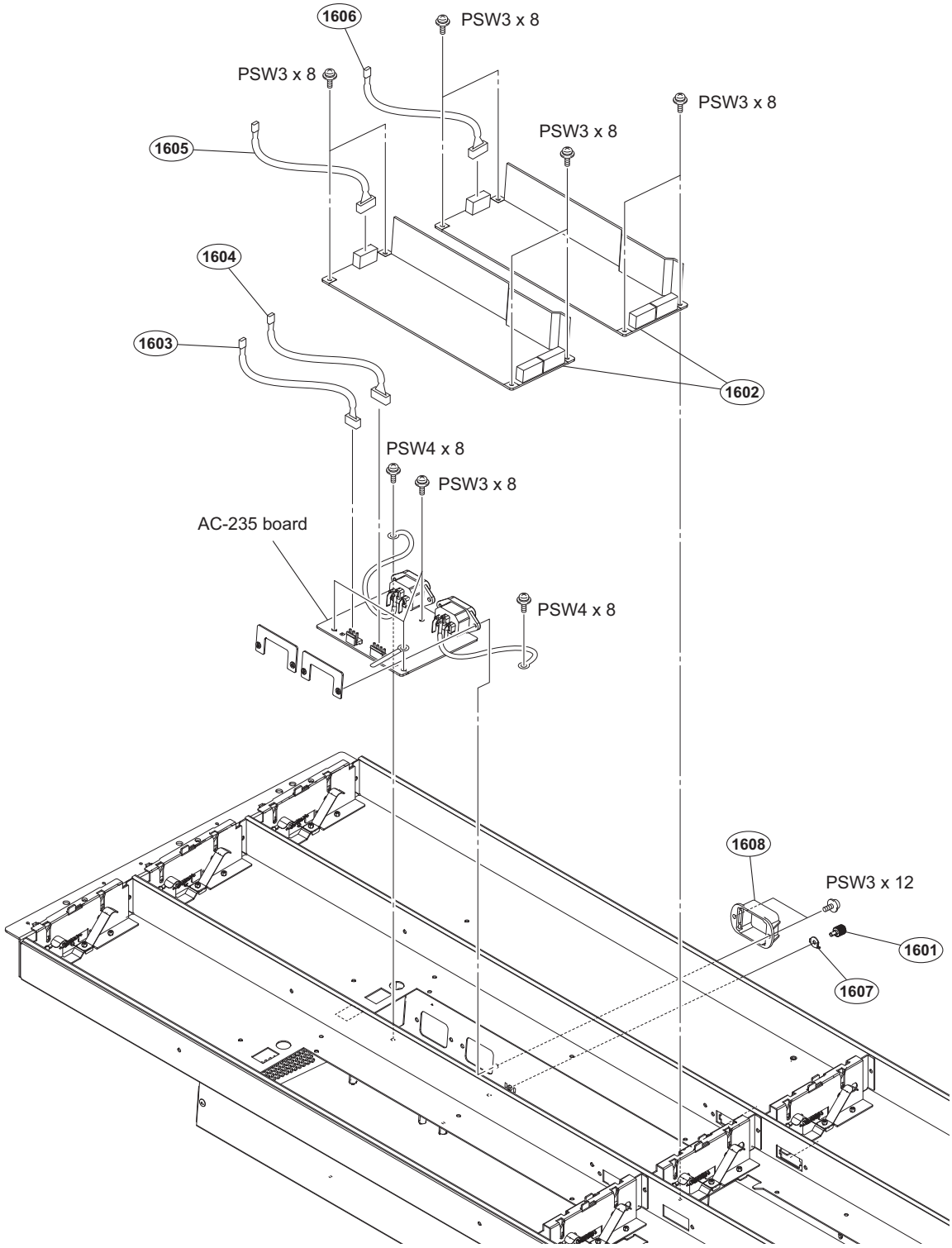

| No. | Part No. | SP | Description |
|---|---|---|---|
| 1401 | 3-531-576-01 | s | RIVET |
| 1402 | 3-637-965-11 | s | COVER, MODULE |
| 1403 | ⚠ 4-442-608-03 | s | SHEET (R) |
| 1404 | ⚠ 4-442-627-02 | s | INSULATING SHEET |

## ICP-6530 Overall-2




| No. | Part No. | SP | Description |
|---|---|---|---|
| 1501 | A-1883-259-A | s | MOUNTED CIRCUIT BOARD, CN-3539 |
| 1502 | ⚠ 1-771-124-11 | s | SWITCH, POWER |
| 1503 | 3-678-079-02 | s | +BVWH 3X8 GIZA TITE |
| 1504 | 4-442-507-01 | s | KEY TOP (PWR) |
| 1505 | 4-442-508-01 | s | CAP (L) |
| 1506 | 4-442-510-01 | s | CAP (SW) |
| 1507 | 4-442-511-01 | s | LIGHT GUIDE (PNL) |
| 1508 | 4-442-512-01 | s | SPRING, COMPRESSION |
| 1509 | 4-442-604-01 | s | INSULATING SHEET (PS) |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

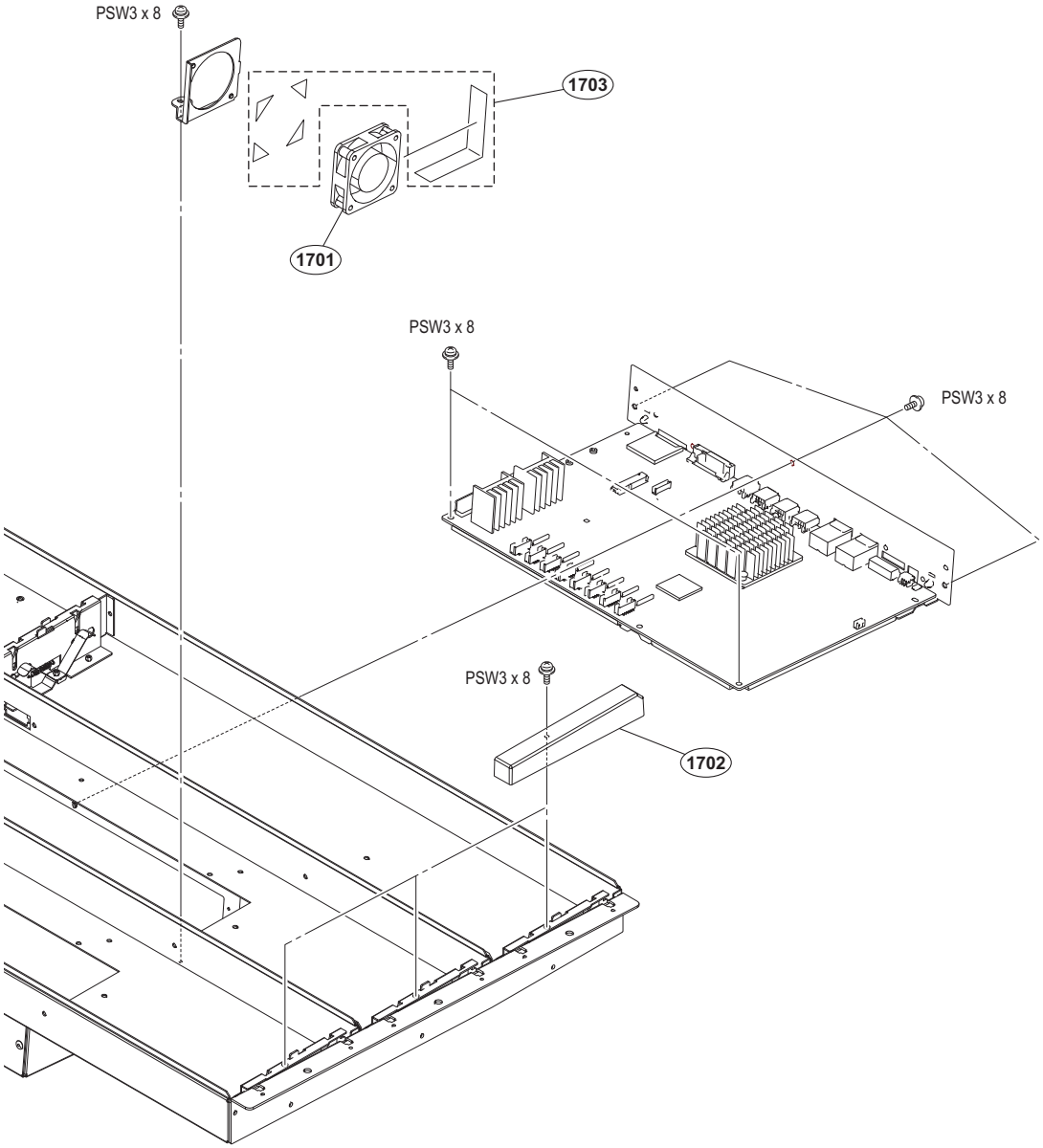
## ICP-6530 Overall-3




| No. | | Part No. | SP | Description |
|---|---|---|---|---|
| 1601 | | X-2068-004-1 | s | TERMINAL ASSY |
| 1602 | ⚠ | 1-474-416-11 | s | REGULATOR, SWITCHING |
| 1603 | ⚠ | 1-968-447-11 | s | HARNESS, SUB (AC-SW-A) |
| 1604 | ⚠ | 1-968-448-11 | s | HARNESS, SUB (AC-SW-B) |
| 1605 | ⚠ | 1-968-449-11 | s | HARNESS, SUB (SW-PS-A) |
| 1606 | ⚠ | 1-968-450-11 | s | HARNESS, SUB (SW-PS-B) |
| 1607 | | 2-068-008-01 | s | WASHER |
| 1608 | | 2-990-241-02 | s | HOLDER (A), PLUG |

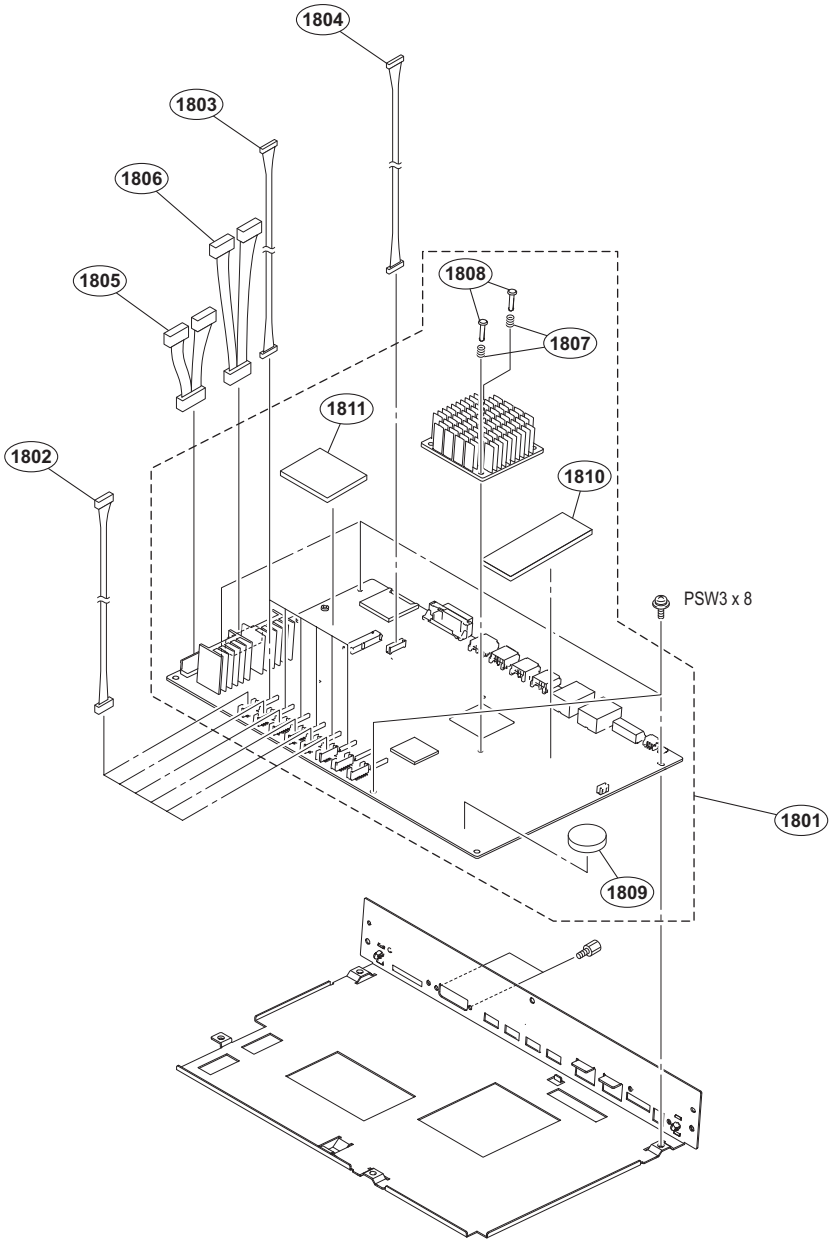
| No. | Part No. | SP | Description |
|---|---|---|---|
| | 7-682-948-01 | s | SCREW +PSW 3X8 |
| | 7-682-950-01 | s | SCREW +PSW 3X12 |
| | 7-682-961-01 | s | SCREW +PSW 4X8 |

## ICP-6530 Overall-4



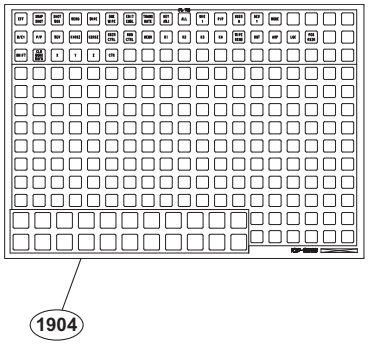

| No. | Part No. | SP | Description |
|---|---|---|---|
| 1701 | ⚠ 1-855-027-11 | s | FAN, DC (52 SQUARE) |
| 1702 | 4-442-509-01 | s | CAP (R) |
| 1703 | 4-444-303-02 | s | CUSHION |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

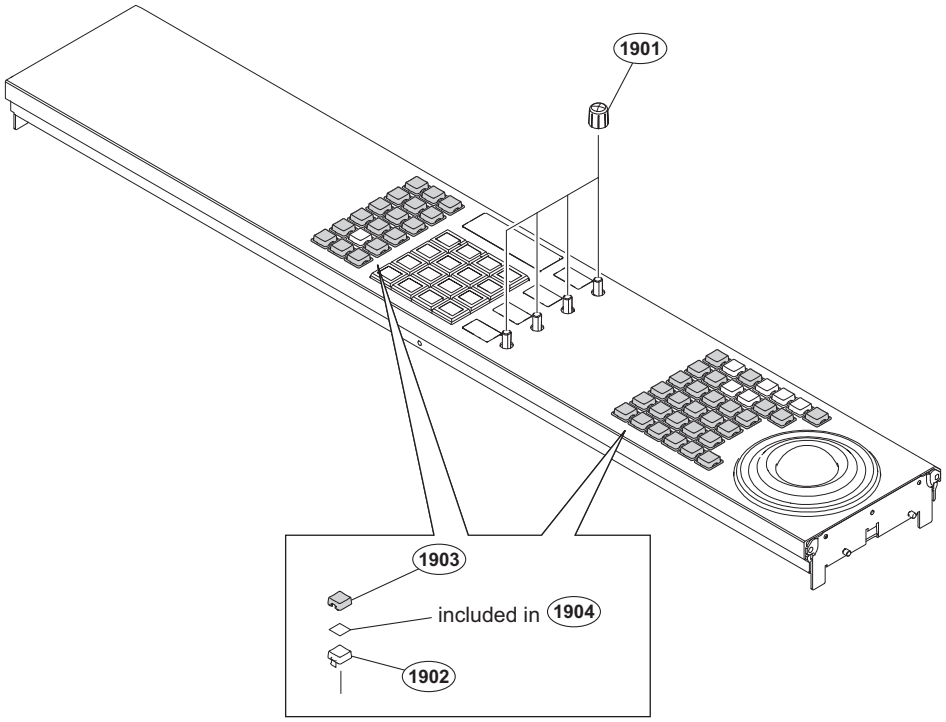
## ICP-6530 Overall-5




| No. | Part No. | SP | Description |
|---|---|---|---|
| 1801 | A-1883-249-A | s | MOUNTED CIRCUIT BOARD, CA-86 |
| 1802 | 1-968-723-11 | s | HARNESS (KY-POWER_L) |
| 1803 | 1-968-725-11 | s | HARNESS (COAXIAL KY-SIGNAL-LL) |
| 1804 | 1-968-726-12 | s | HARNESS (CA-POWERSW) |
| 1805 | 1-968-451-11 | s | HARNESS, SUB (PS-CA-A) |
| 1806 | 1-968-452-11 | s | HARNESS, SUB (PS-CA-B) |
| 1807 | 4-143-557-01 | s | SPRING, COMPRESSION |
| 1808 | 4-143-559-01 | s | PIN, PUSH |
| 1809 | ⚠ 1-528-174-33 | s | BATTERY, LITHIUM (CR2032 TYPE) |
| 1810 | 6-718-246-01 | s | IC HMT325S6CFR8C-PBN0 |
| 1811 | 6-719-189-01 | s | IC THNSNB030GMCJ |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

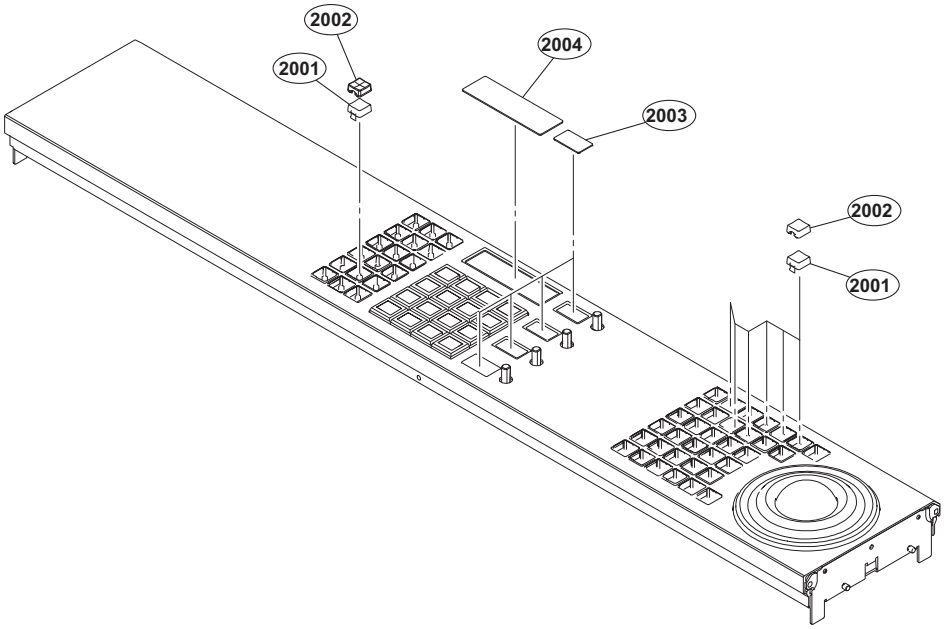
## Panel (FL TB) Assy-1



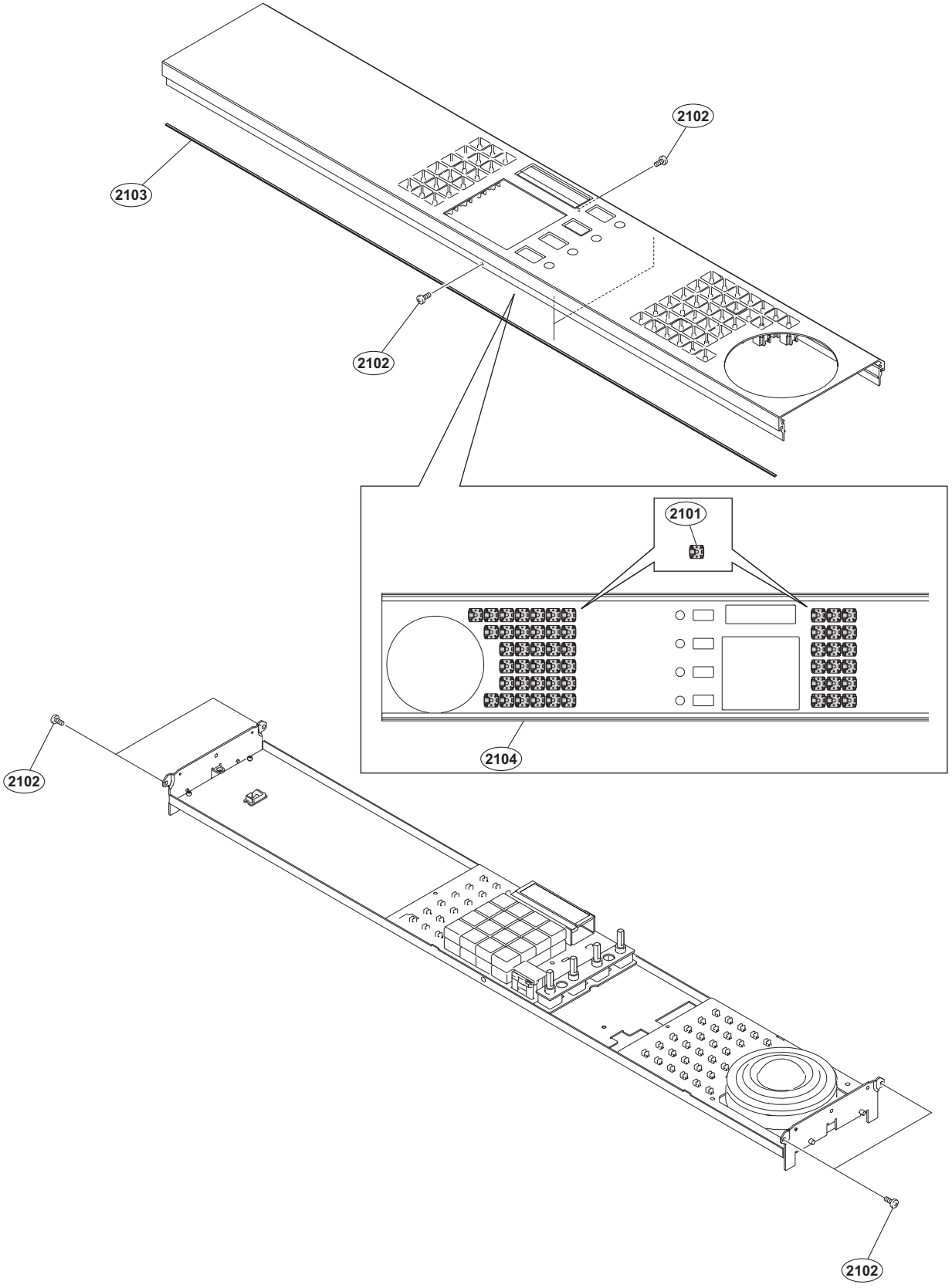

| No. | Part No. | SP | Description |
|---|---|---|---|
| 1901 | X-3608-600-2 | s | ASSY, KNOB VOLUME |
| 1902 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 1903 | 4-145-369-01 | s | CAP (12) |
| 1904 | 4-445-515-01 | s | CHIP (FL TB), SWITCH |

## Panel (FL TB) Assy-2



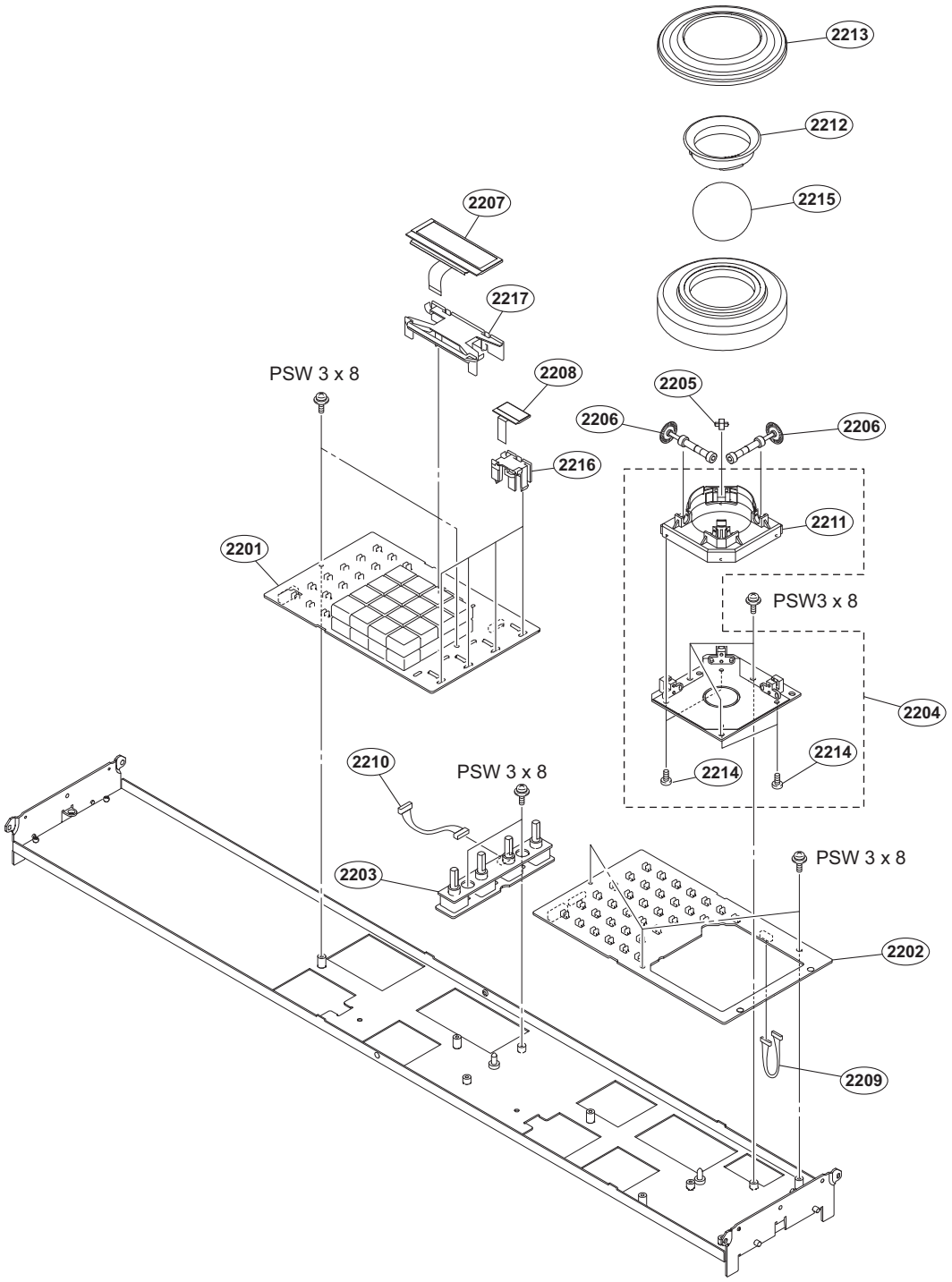

| No. | Part No. | SP | Description |
|---|---|---|---|
| 2001 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 2002 | 4-145-369-01 | s | CAP (12) |
| 2003 | 4-442-623-01 | s | WINDOW (0.8-1) |
| 2004 | 4-442-625-01 | s | WINDOW (2.7-1) |

## Panel (FL TB) Assy-3



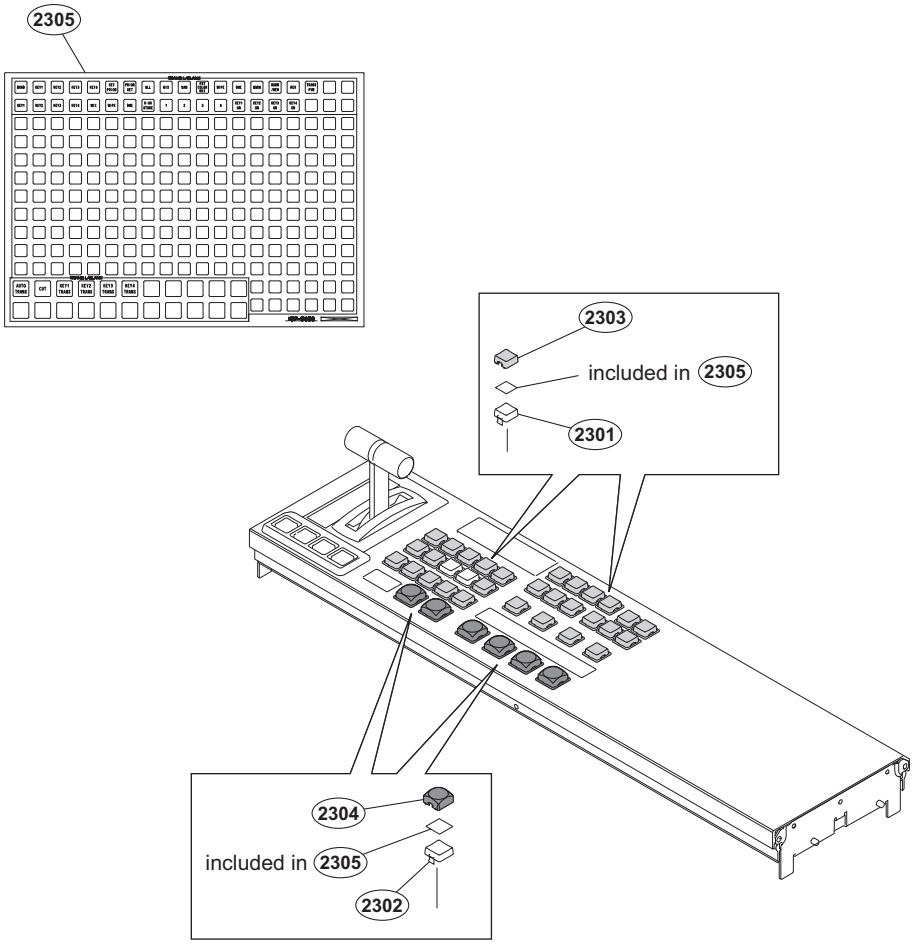

| No. | Part No. | SP | Description |
|---|---|---|---|
| 2101 | X-2585-943-1 | s | CASE (12) ASSY, SWITCH |
| 2102 | 3-725-295-11 | s | SCREW, (+) (B3) |
| 2103 | 4-442-619-21 | s | FOAM, SHIELD |
| 2104 | 4-442-621-02 | s | PANEL (FL TB) |

## Panel (FL TB) Assy-4



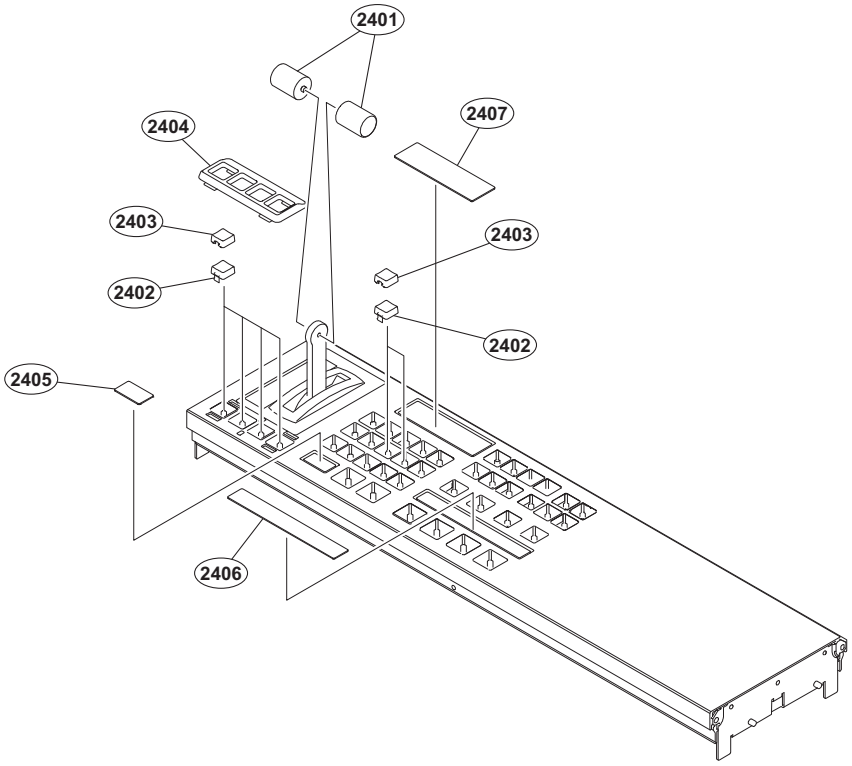

| No. | Part No. | SP | Description | No. | Part No. | SP | Description |
|---|---|---|---|---|---|---|---|
| 2201 | A-1883-254-A | s | MOUNTED CIRCUIT BOARD, KY-693 | 2214 | 3-678-079-02 | s | +BVWH 3X8 GIZA TITE |
| 2202 | A-1883-255-A | s | MOUNTED CIRCUIT BOARD, KY-694 | 2215 | 4-930-625-11 | s | BALL, TRACK |
| 2203 | A-1883-256-A | s | MOUNTED CIRCUIT BOARD, VR-347 | | | | |
| 2204 | A-1883-257-A | s | MOUNTED CIRCUIT BOARD, VR-348 | 2216 | 4-442-505-02 | s | OL HOLDER 0.8 |
| 2205 | X-3167-275-2 | s | ROLLER ASSY | 2217 | 4-442-506-03 | s | OL HOLDER2.7 |
| 2206 | X-3167-276-3 | s | SHAFT ASSY, TRACK | | | | |
| 2207 | 1-811-682-11 | s | DISPLAY, OLED (2.7 INCH) | | 7-682-948-01 | s | SCREW +PSW 3X8 |
| 2208 | 1-811-683-11 | s | DISPLAY, OLED (0.8 INCH) | | | | |
| 2209 | 1-968-728-11 | s | HARNESS (KY-ENCODER) | | | | |
| 2210 | 1-968-729-11 | s | HARNESS (KY-VOLUME) | | | | |
| 2211 | 3-190-866-03 | s | BASE | | | | |
| 2212 | 3-637-937-11 | s | RETAINER, BALL | | | | |
| 2213 | 3-637-938-11 | s | COVER, RING | | | | |

## Panel (TRANS L BLANK) Assy-1



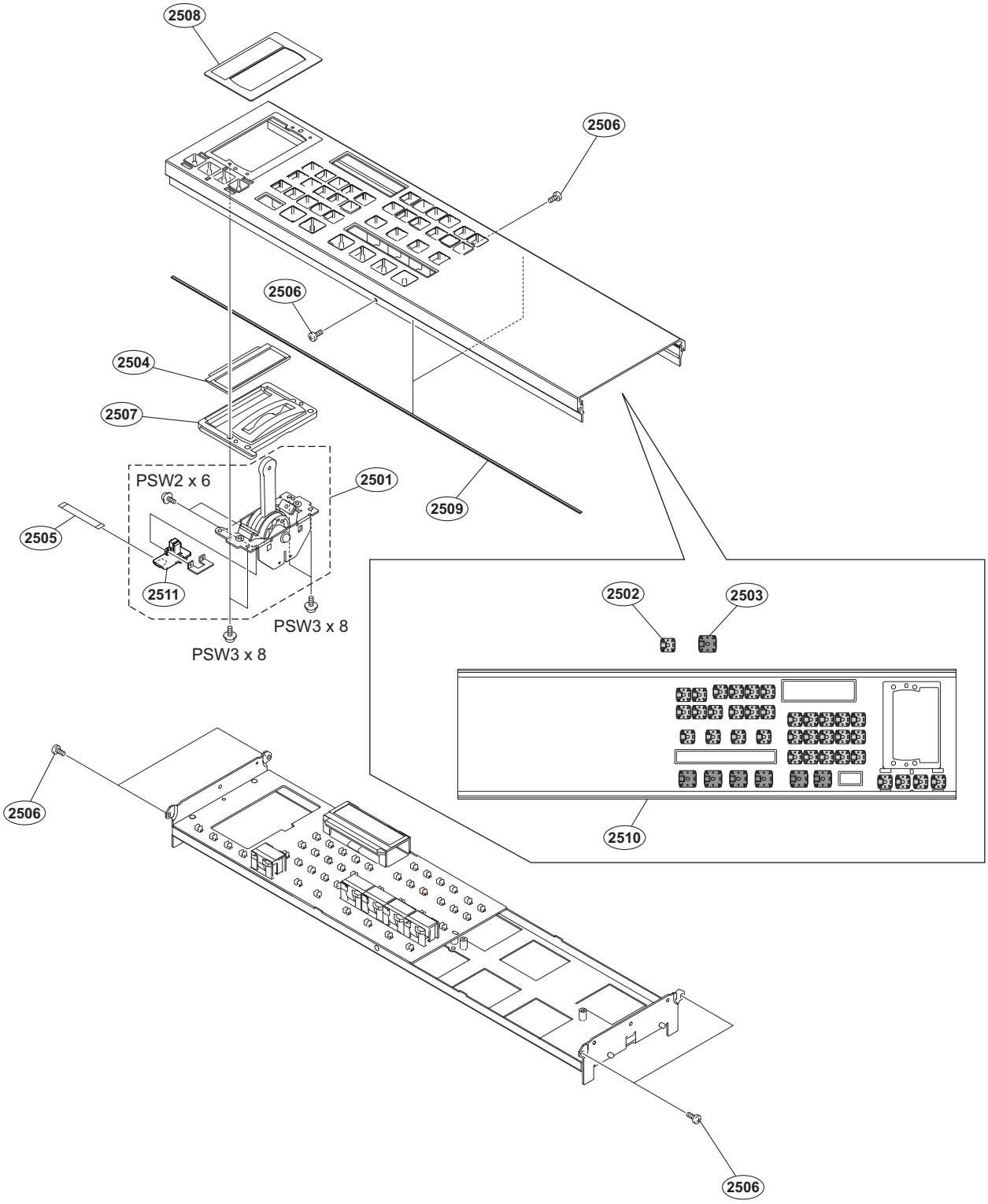

| No. | Part No. | SP | Description |
|---|---|---|---|
| 2301 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 2302 | 3-853-744-04 | s | PLATE, DIFFUSION (15) |
| 2303 | 4-145-369-01 | s | CAP (12) |
| 2304 | 4-145-371-01 | s | CAP (15) |
| 2305 | 4-445-667-01 | s | CHIP (TRANS L/BLANK), SWITCH |

## Panel (TRANS L BLANK) Assy-2



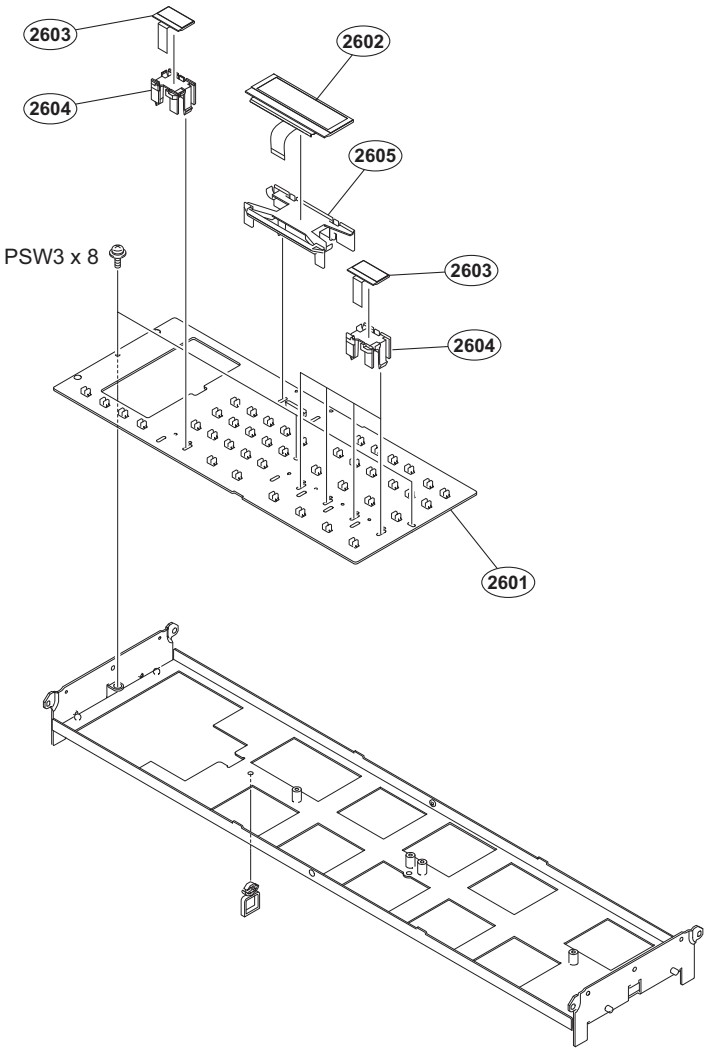

| No. | Part No. | SP | Description |
|---|---|---|---|
| 2401 | 3-853-732-01 | s | GRIP |
| 2402 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 2403 | 4-145-369-01 | s | CAP (12) |
| 2404 | 4-442-504-01 | s | GUARD (4), SWITCH |
| 2405 | 4-442-623-01 | s | WINDOW (0.8-1) |
| 2406 | 4-442-624-01 | s | WINDOW (0.8-4) |
| 2407 | 4-442-625-01 | s | WINDOW (2.7-1) |

## Panel (TRANS L BLANK) Assy-3



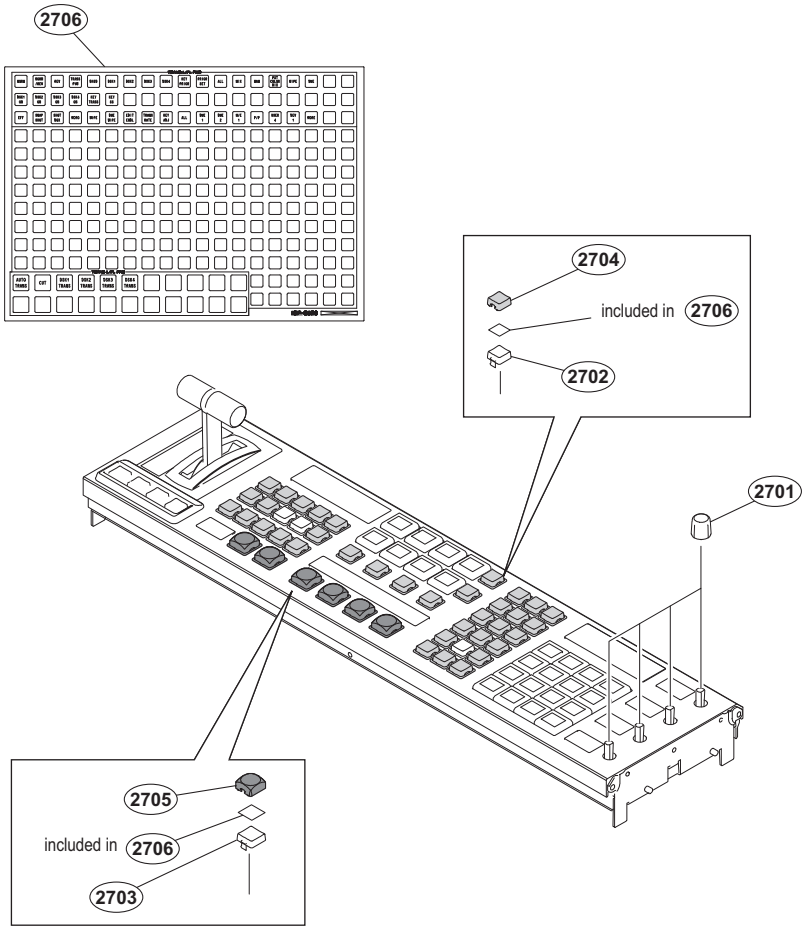

| No. | Part No. | SP | Description |
|---|---|---|---|
| 2501 | A-1904-725-A | s | ASSY, FADER (6500) |
| 2502 | X-2585-943-1 | s | CASE (12) ASSY, SWITCH |
| 2503 | X-2585-944-1 | s | CASE (15) ASSY, SWITCH |
| 2504 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 2505 | 1-836-689-11 | s | CABLE, FLEXIBLE FLAT (10 CORE) |
| 2506 | 3-725-295-11 | s | SCREW, (+) (B3) |
| 2507 | 4-442-496-01 | s | COVER, FADER |
| 2508 | 4-442-499-01 | s | SHEET, DISPLAY |
| 2509 | 4-442-619-11 | s | FOAM, SHIELD |
| 2510 | 4-442-622-01 | s | PANEL (TRANS L) |
| 2511 | A-1883-258-A | s | MOUNTED CIRCUIT BOARD, CN-3538 |
| | 7-628-000-05 | s | +PSW 2X6 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## Panel (TRANS L BLANK) Assy-4



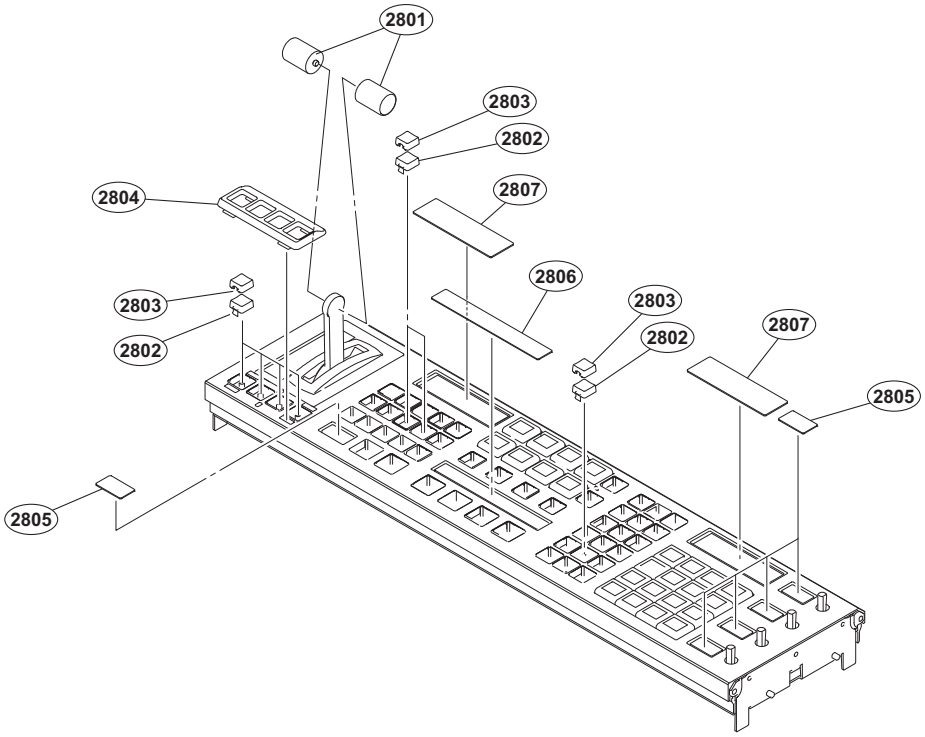

| No. | Part No. | SP | Description |
|---|---|---|---|
| 2601 | A-1883-260-A | s | MOUNTED CIRCUIT BOARD, KY-690 |
| 2602 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 2603 | 1-811-683-11 | s | DISPLAY, OLED (0.8INCH) |
| 2604 | 4-442-505-02 | s | OL HOLDER 0.8 |
| 2605 | 4-442-506-03 | s | OL HOLDER2.7 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## Panel (TRANS L FL PAD) Assy-1



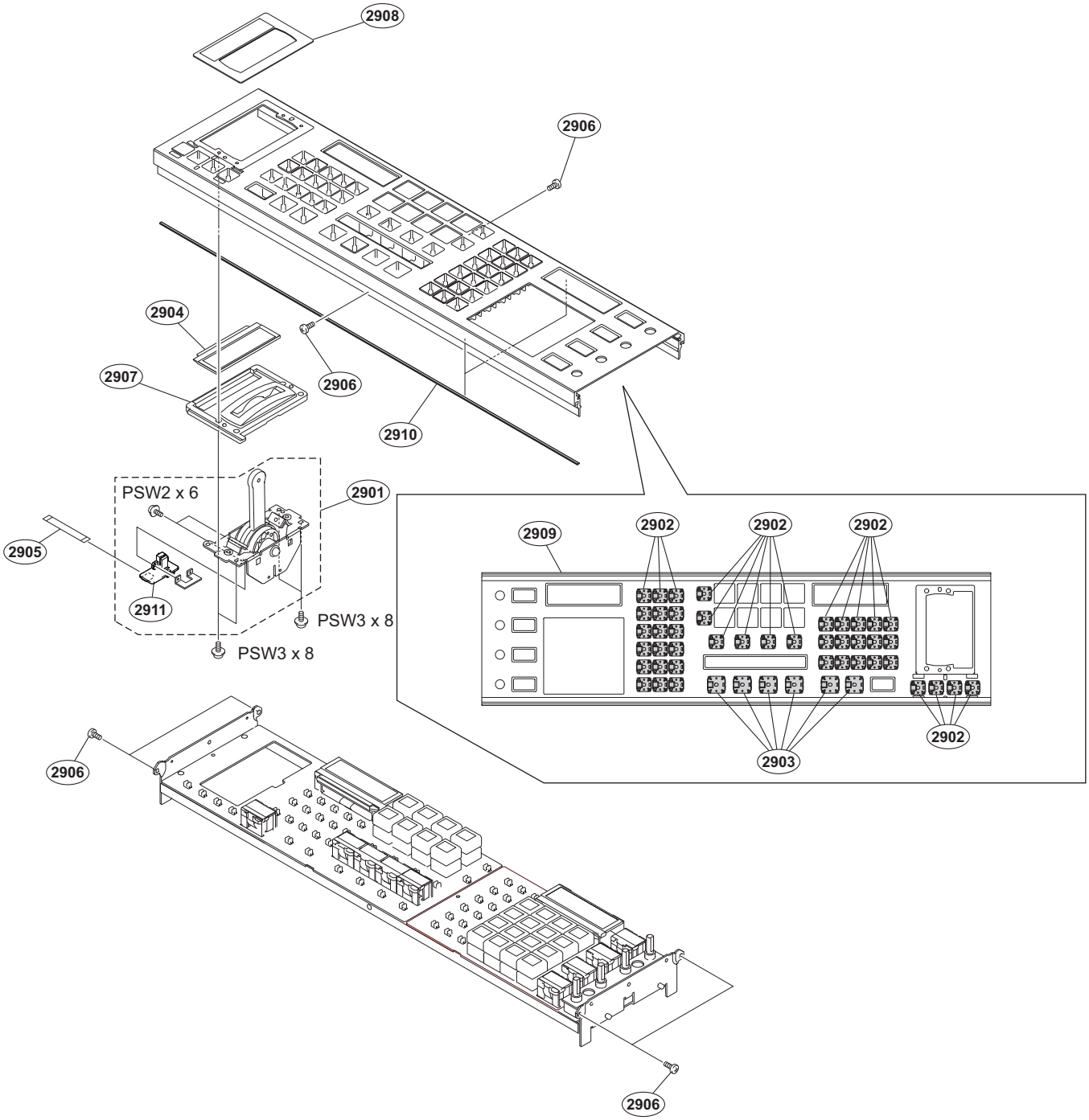

| No. | Part No. | SP | Description |
|---|---|---|---|
| 2701 | X-3608-600-2 | s | ASSY, KNOB VOLUME |
| 2702 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 2703 | 3-853-744-04 | s | PLATE, DIFFUSION (15) |
| 2704 | 4-145-369-01 | s | CAP (12) |
| 2705 | 4-145-371-01 | s | CAP (15) |
| 2706 | 4-442-253-01 | s | CHIP (TRANS L/FL PAD), SWITCH |

## Panel (TRANS L FL PAD) Assy-2



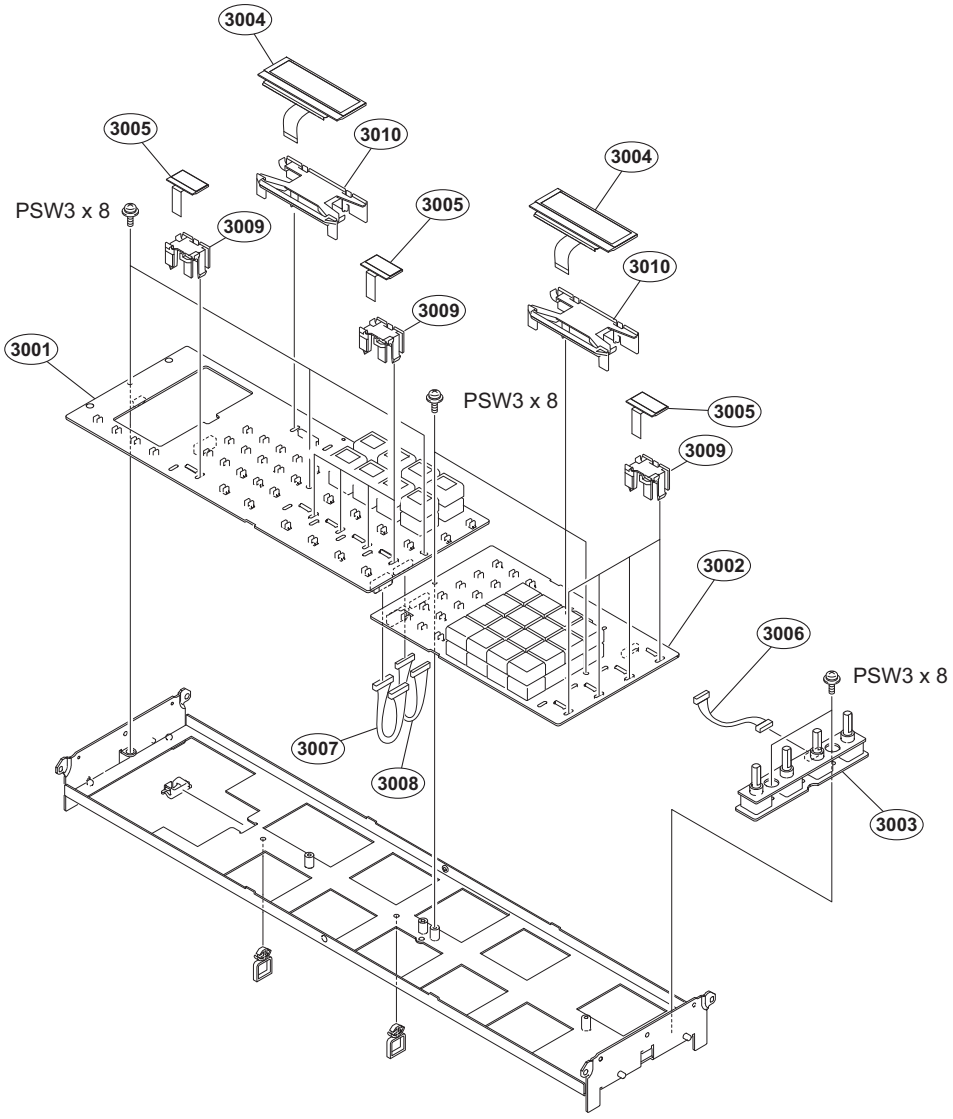

| No. | Part No. | SP | Description |
|---|---|---|---|
| 2801 | 3-853-732-01 | s | GRIP |
| 2802 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 2803 | 4-145-369-01 | s | CAP (12) |
| 2804 | 4-442-504-01 | s | GUARD(4), SWITCH |
| 2805 | 4-442-623-01 | s | WINDOW (0.8-1) |
| 2806 | 4-442-624-01 | s | WINDOW (0.8-4) |
| 2807 | 4-442-625-01 | s | WINDOW (2.7-1) |

## Panel (TRANS L FL PAD) Assy-3



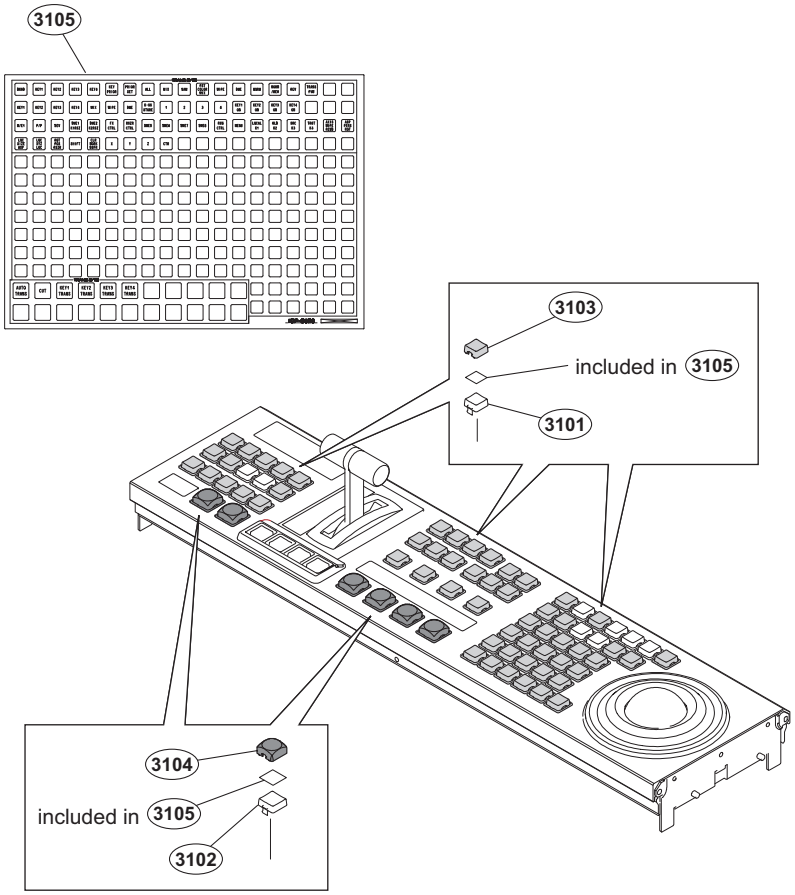

| No. | Part No. | SP | Description |
|---|---|---|---|
| 2901 | A-1904-725-A | s | ASSY, FADER (6500) |
| 2902 | X-2585-943-1 | s | CASE (12) ASSY, SWITCH |
| 2903 | X-2585-944-1 | s | CASE (15) ASSY, SWITCH |
| 2904 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 2905 | 1-836-689-11 | s | CABLE, FLEXIBLE FLAT (10 CORE) |
| 2906 | 3-725-295-11 | s | SCREW, (+) (B3) |
| 2907 | 4-442-496-01 | s | COVER, FADER |
| 2908 | 4-442-499-01 | s | SHEET, DISPLAY |
| 2909 | 4-442-589-01 | s | PANEL (TRANS PP) |
| 2910 | 4-442-619-11 | s | FOAM, SHIELD |
| 2911 | A-1883-258-A | s | MOUNTED CIRCUIT BOARD, CN-3538 |
| | 7-628-000-05 | s | +PSW 2X6 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## Panel (TRANS L FL PAD) Assy-4



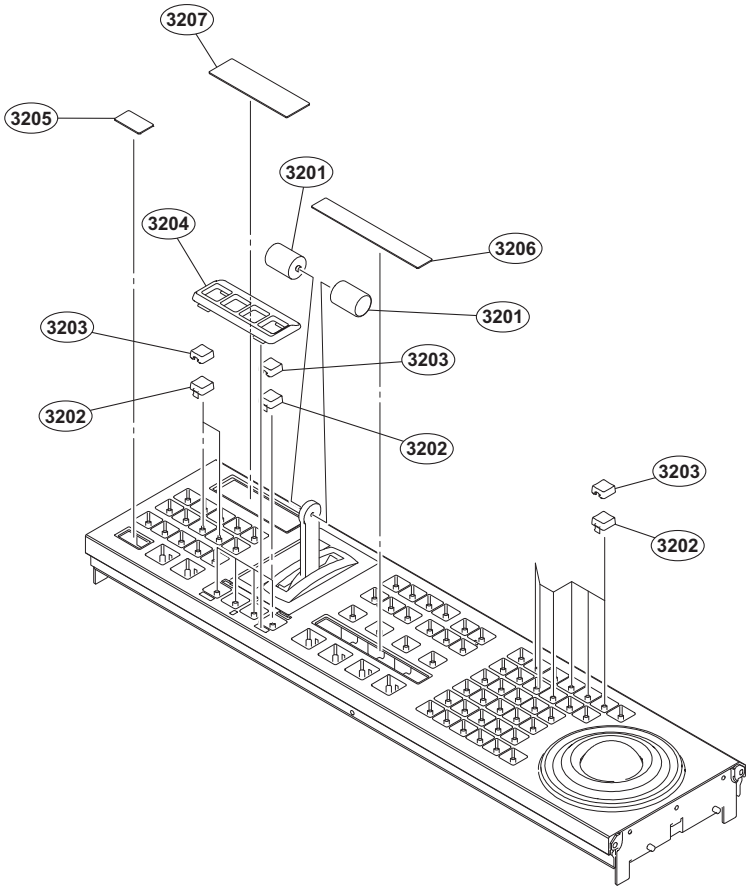

| No. | Part No. | SP | Description |
|---|---|---|---|
| 3001 | A-1883-253-A | s | MOUNTED CIRCUIT BOARD, KY-692 |
| 3002 | A-1883-254-A | s | MOUNTED CIRCUIT BOARD, KY-693 |
| 3003 | A-1883-256-A | s | MOUNTED CIRCUIT BOARD, VR-347 |
| 3004 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 3005 | 1-811-683-11 | s | DISPLAY, OLED (0.8INCH) |
| 3006 | 1-968-729-11 | s | HARNESS (KY-VOLUME) |
| 3007 | 1-968-730-11 | s | HARNESS (KYKY-POWER) |
| 3008 | 1-968-732-11 | s | HARNESS (COAXIAL KY-SIGNAL-S) |
| 3009 | 4-442-505-02 | s | OL HOLDER 0.8 |
| 3010 | 4-442-506-03 | s | OL HOLDER2.7 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## Panel (TRANS R TB) Assy-1



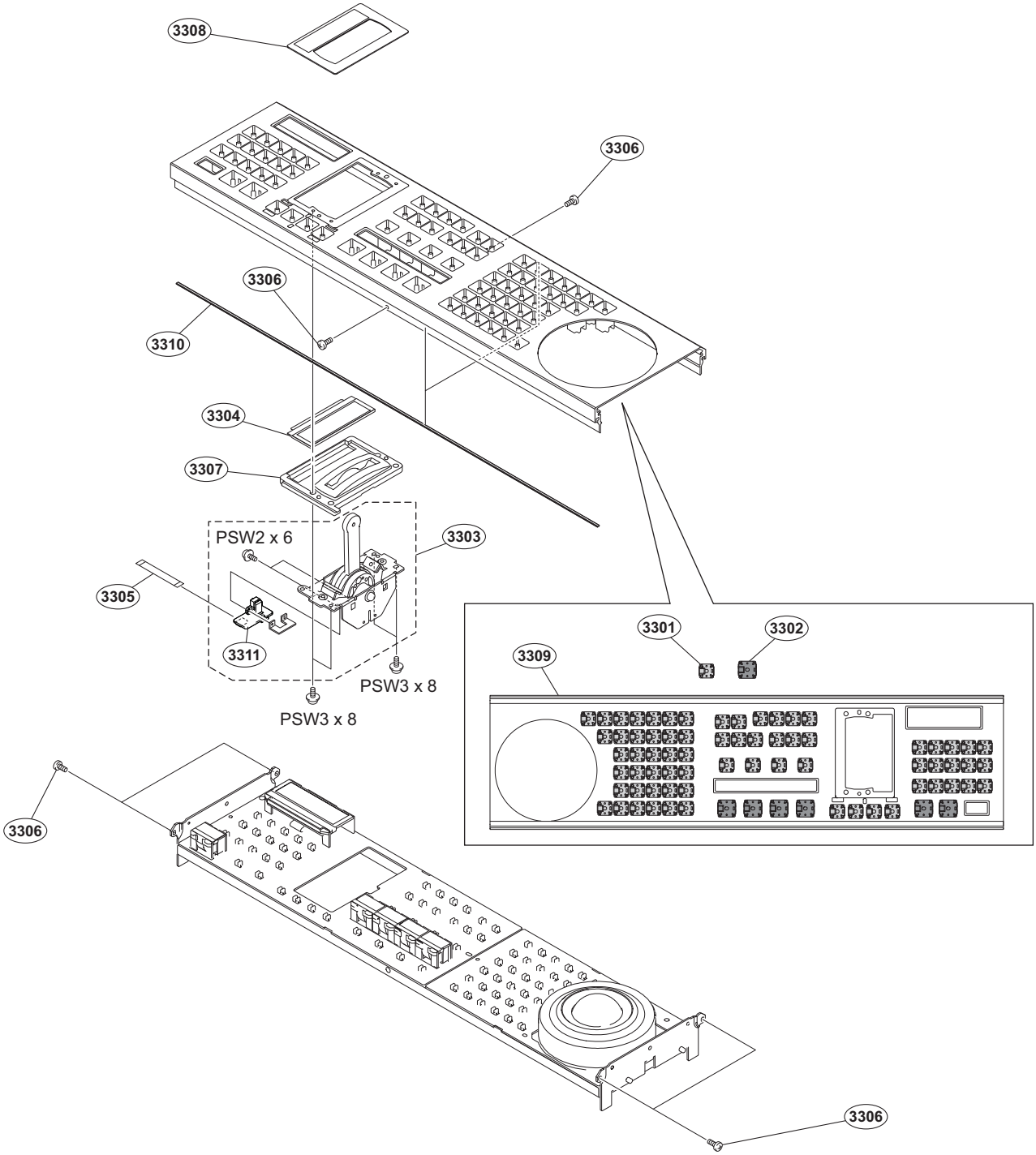

| No. | Part No. | SP | Description |
|---|---|---|---|
| 3101 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 3102 | 3-853-744-04 | s | PLATE, DIFFUSION (15) |
| 3103 | 4-145-369-01 | s | CAP (12) |
| 3104 | 4-145-371-01 | s | CAP (15) |
| 3105 | 4-442-254-01 | s | CHIP (TRANS R/TB), SWITCH |

## Panel (TRANS R TB) Assy-2




| No. | Part No. | SP | Description |
|---|---|---|---|
| 3201 | 3-853-732-01 | s | GRIP |
| 3202 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 3203 | 4-145-369-01 | s | CAP (12) |
| 3204 | 4-442-504-01 | s | GUARD (4), SWITCH |
| 3205 | 4-442-623-01 | s | WINDOW (0.8-1) |
| 3206 | 4-442-624-01 | s | WINDOW (0.8-4) |
| 3207 | 4-442-625-01 | s | WINDOW (2.7-1) |

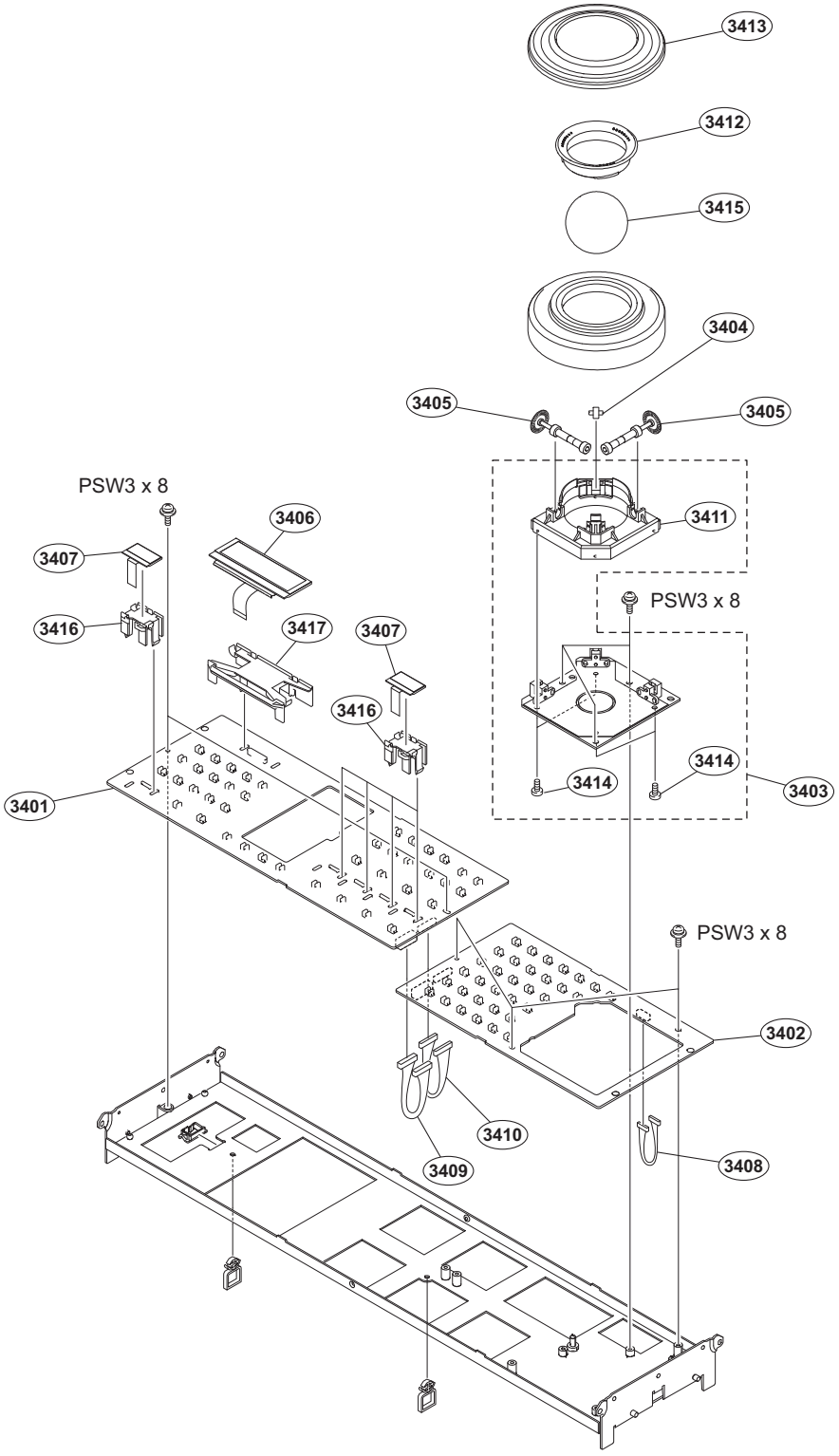
## Panel (TRANS R TB) Assy-3




| No. | Part No. | SP | Description |
|---|---|---|---|
| 3301 | X-2585-943-1 | s | CASE (12) ASSY, SWITCH |
| 3302 | X-2585-944-1 | s | CASE (15) ASSY, SWITCH |
| 3303 | A-1904-725-A | s | ASSY, FADER (6500) |
| 3304 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 3305 | 1-836-689-11 | s | CABLE, FLEXIBLE FLAT (10 CORE) |
| 3306 | 3-725-295-11 | s | SCREW, (+) (B3) |
| 3307 | 4-442-496-01 | s | COVER, FADER |
| 3308 | 4-442-499-01 | s | SHEET, DISPLAY |
| 3309 | 4-442-590-01 | s | PANEL (TRANS R) |
| 3310 | 4-442-619-11 | s | FOAM, SHIELD |
| 3311 | A-1883-258-A | s | MOUNTED CIRCUIT BOARD, CN-3538 |

| No. | Part No. | SP | Description |
|---|---|---|---|
| | 7-628-000-05 | s | +PSW 2X6 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## Panel (TRANS R TB) Assy-4

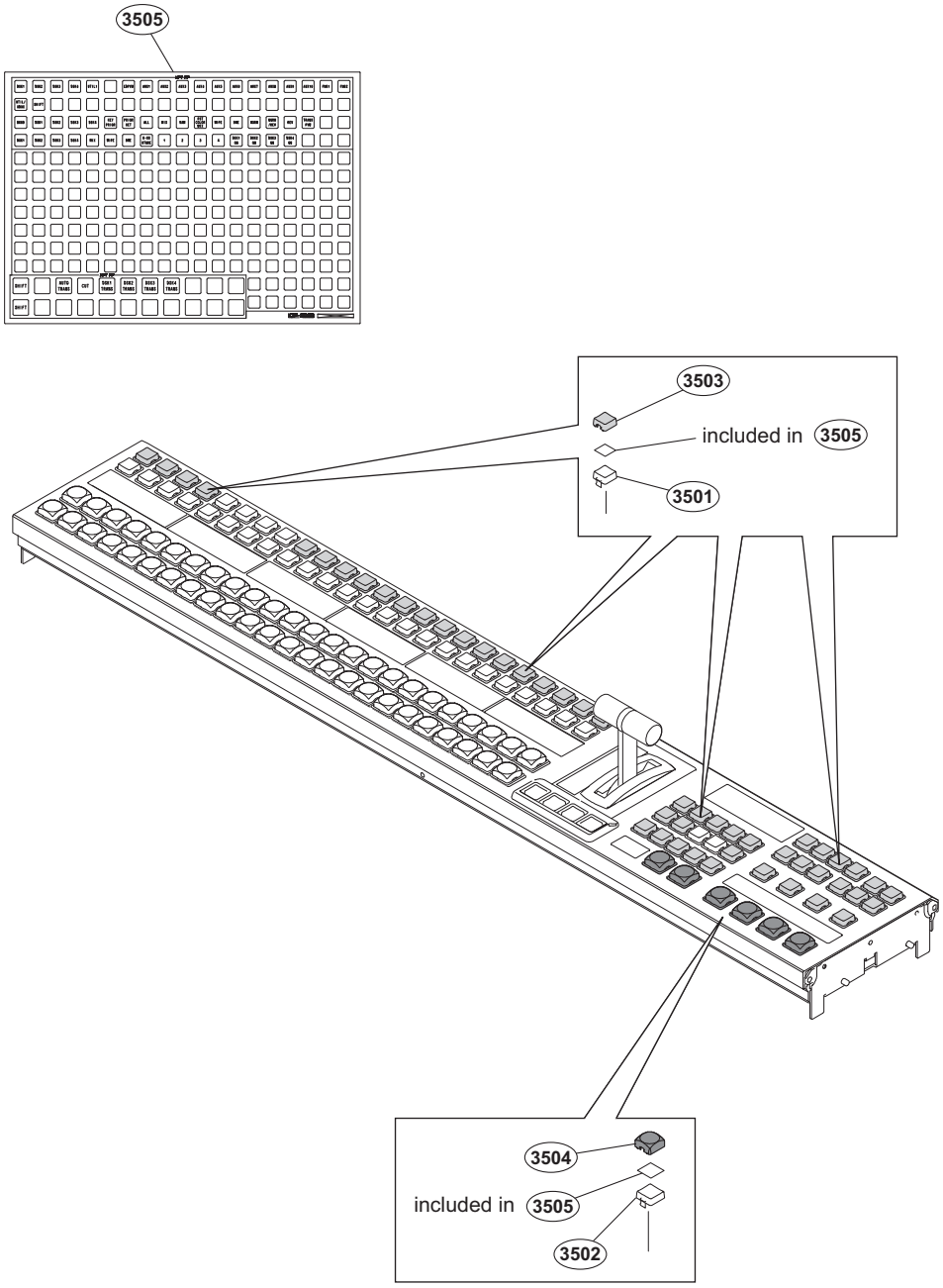



| No. | Part No. | SP | Description |
|---|---|---|---|
| 3401 | A-1883-252-A | s | MOUNTED CIRCUIT BOARD, KY-691 |
| 3402 | A-1883-255-A | s | MOUNTED CIRCUIT BOARD, KY-694 |
| 3403 | A-1883-257-A | s | MOUNTED CIRCUIT BOARD, VR-348 |
| 3404 | X-3167-275-2 | s | ROLLER ASSY |
| 3405 | X-3167-276-3 | s | SHAFT ASSY, TRACK |
| 3406 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 3407 | 1-811-683-11 | s | DISPLAY, OLED (0.8INCH) |
| 3408 | 1-968-728-11 | s | HARNESS (KY-ENCODER) |
| 3409 | 1-968-730-11 | s | HARNESS (KYKY-POWER) |
| 3410 | 1-968-732-11 | s | HARNESS (COAXIAL KY-SIGNAL-S) |
| 3411 | 3-190-866-03 | s | BASE |
| 3412 | 3-637-937-11 | s | RETAINER, BALL |
| 3413 | 3-637-938-11 | s | COVER, RING |
| 3414 | 3-678-079-02 | s | +BVWH 3X8 GIZA TITE |
| 3415 | 4-930-625-11 | s | BALL, TRACK |
| 3416 | 4-442-505-02 | s | OL HOLDER 0.8 |

## Panel (TRANS R TB) Assy-4

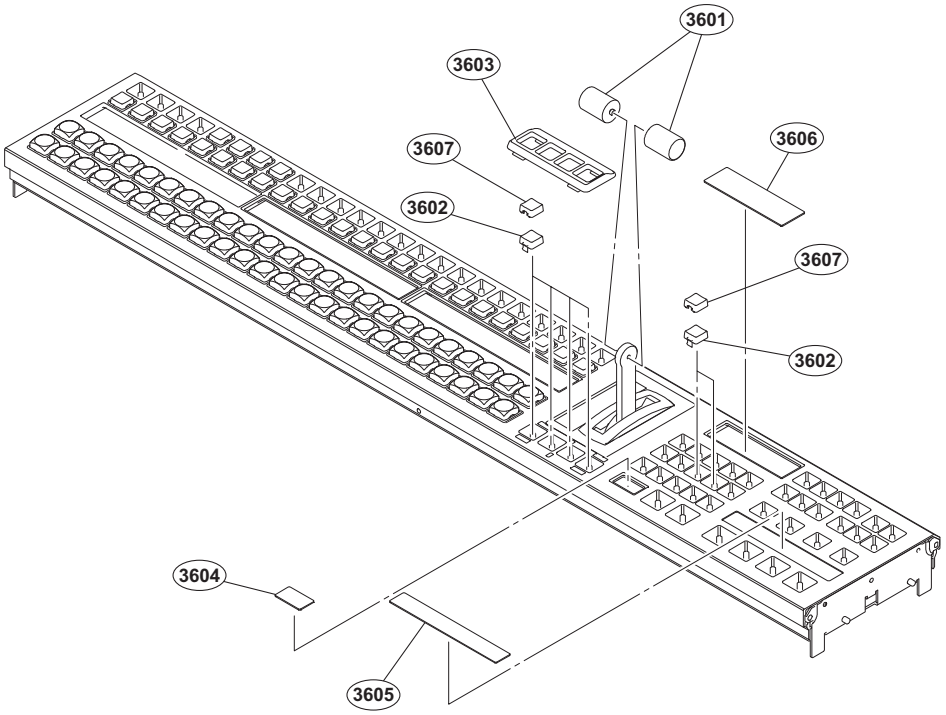
| No. | Part No. | SP | Description |
|---|---|---|---|
| 3417 | 4-442-506-03 | s | OL HOLDER2.7 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## Panel (XPT PP) Assy-1



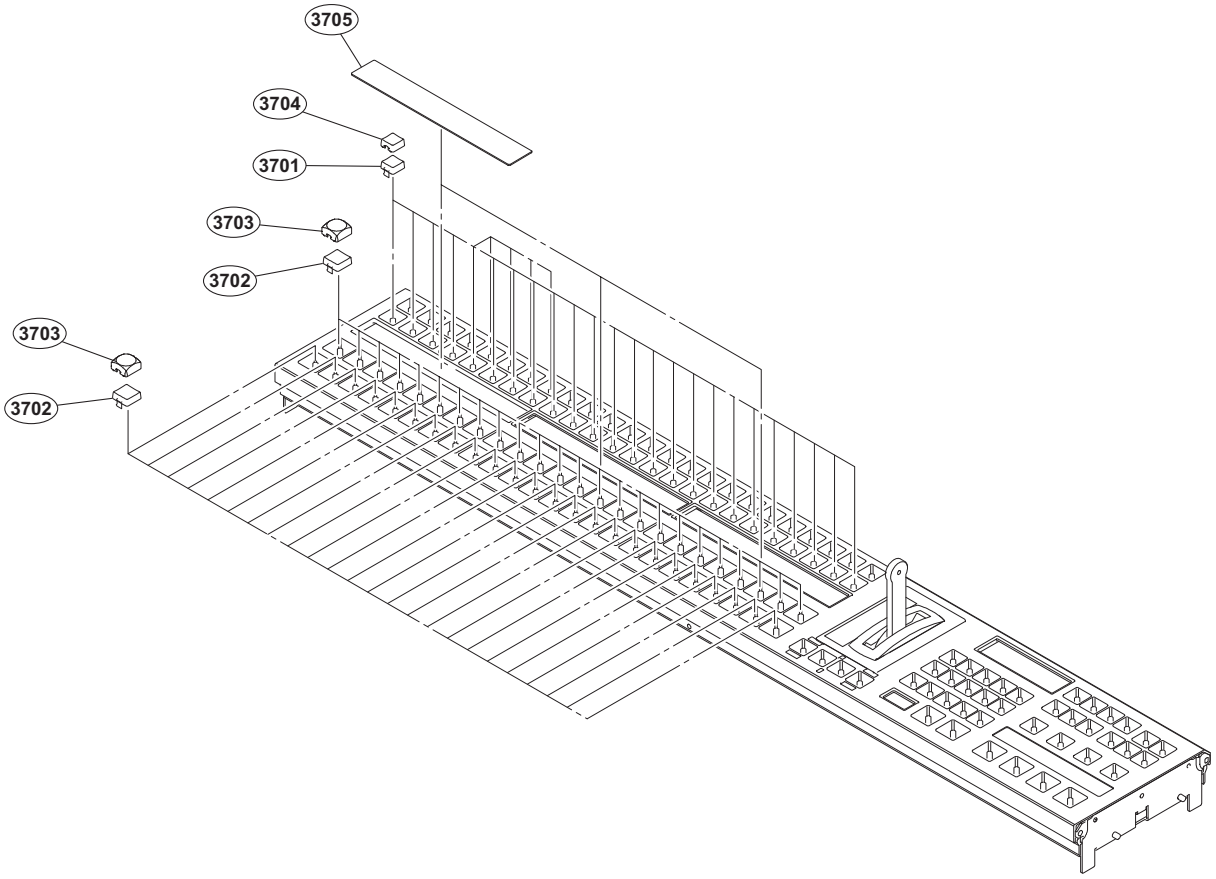

| No. | Part No. | SP | Description |
|---|---|---|---|
| 3501 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 3502 | 3-853-744-04 | s | PLATE, DIFFUSION (15) |
| 3503 | 4-145-369-01 | s | CAP (12) |
| 3504 | 4-145-371-01 | s | CAP (15) |
| 3505 | 4-442-251-02 | s | CHIP (XPT PP), SWITCH |

## Panel (XPT PP) Assy-2



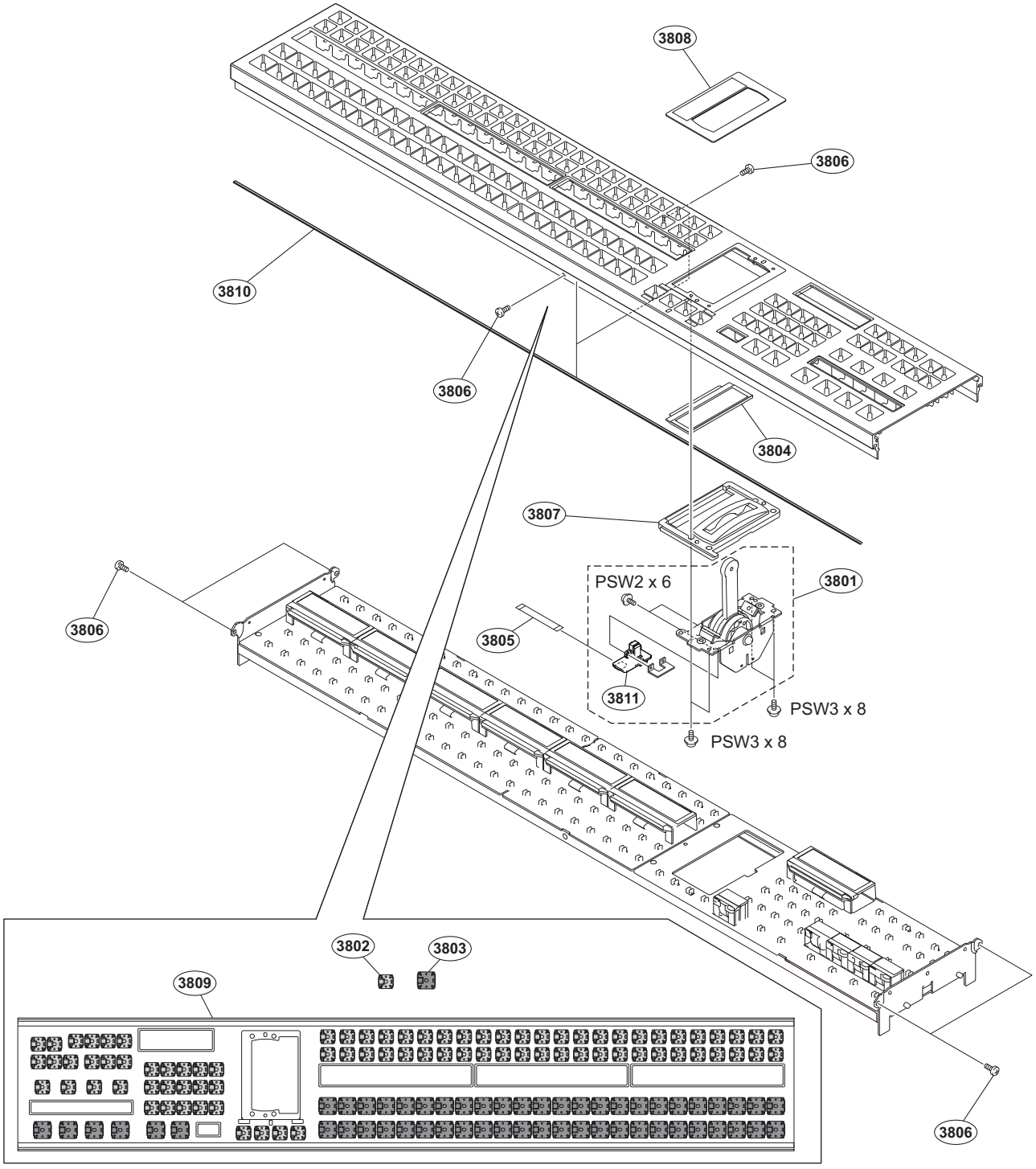

| No. | Part No. | SP | Description |
|---|---|---|---|
| 3601 | 3-853-732-01 | s | GRIP |
| 3602 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 3603 | 4-442-504-01 | s | GUARD(4), SWITCH |
| 3604 | 4-442-623-01 | s | WINDOW (0.8-1) |
| 3605 | 4-442-624-01 | s | WINDOW (0.8-4) |
| 3606 | 4-442-625-01 | s | WINDOW (2.7-1) |
| 3607 | 4-145-369-01 | s | CAP (12) |

## Panel (XPT PP) Assy-3



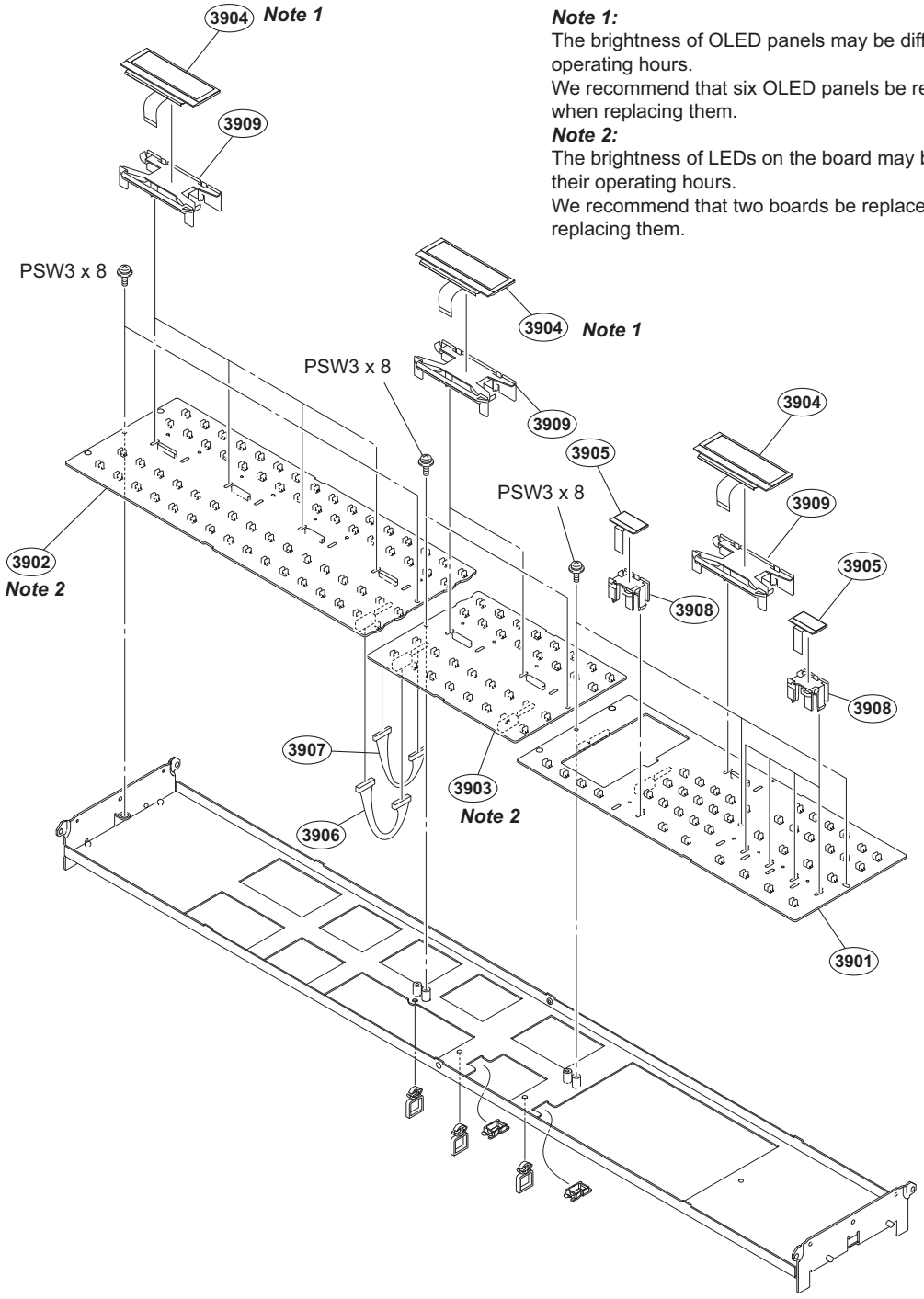

| No. | Part No. | SP | Description |
|---|---|---|---|
| 3701 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 3702 | 3-853-744-04 | s | PLATE, DIFFUSION (15) |
| 3703 | 4-145-368-01 | s | CAP (15X) |
| 3704 | 4-145-369-01 | s | CAP (12) |
| 3705 | 4-442-626-01 | s | WINDOW (2.7-2) |

## Panel (XPT PP) Assy-4




| No. | Part No. | SP | Description |
|---|---|---|---|
| 3801 | A-1904-725-A | s | ASSY, FADER (6500) |
| 3802 | X-2585-943-1 | s | CASE (12) ASSY, SWITCH |
| 3803 | X-2585-944-1 | s | CASE (15) ASSY, SWITCH |
| 3804 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 3805 | 1-836-689-11 | s | CABLE, FLEXIBLE FLAT (10 CORE) |
| 3806 | 3-725-295-11 | s | SCREW, (+) (B3) |
| 3807 | 4-442-496-01 | s | COVER, FADER |
| 3808 | 4-442-499-01 | s | SHEET, DISPLAY |
| 3809 | 4-442-592-01 | s | PANEL (XPT PP) |
| 3810 | 4-442-619-21 | s | FOAM, SHIELD |
| 3811 | A-1883-258-A | s | MOUNTED CIRCUIT BOARD, CN-3538 |
| | 7-628-000-05 | s | +PSW 2X6 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## Panel (XPT PP) Assy-5

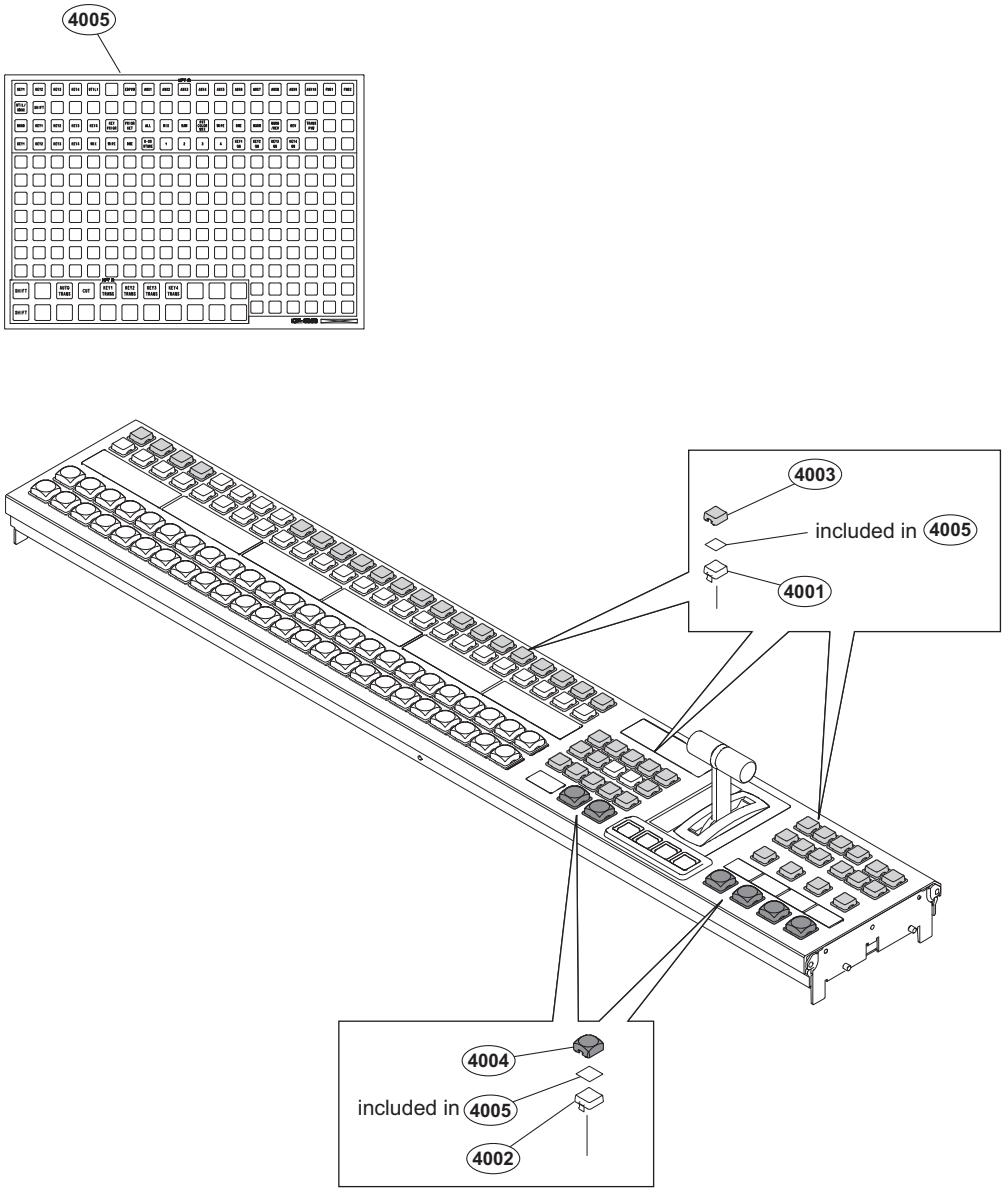



***Note 1:***
The brightness of OLED panels may be different depending on their operating hours.
We recommend that six OLED panels be replaced at the same time when replacing them.

***Note 2:***
The brightness of LEDs on the board may be different depending on their operating hours.
We recommend that two boards be replaced at the same time when replacing them.

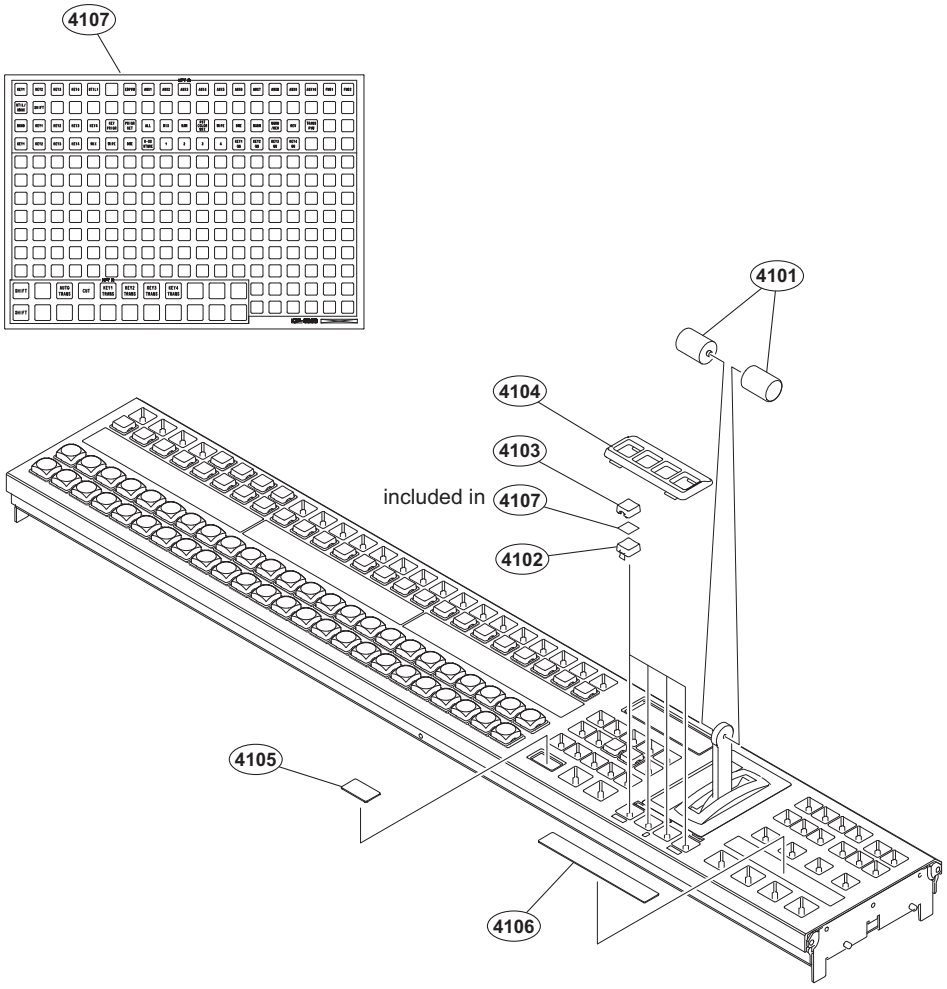
| No. | Part No. | SP | Description |
|---|---|---|---|
| 3901 | A-1883-260-A | s | MOUNTED CIRCUIT BOARD, KY-690 |
| 3902 | A-1883-250-A | s | MOUNTED CIRCUIT BOARD, KY-688 |
| 3903 | A-1892-833-A | s | MOUNTED CIRCUIT BOARD, KY-699 |
| 3904 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 3905 | 1-811-683-11 | s | DISPLAY, OLED (0.8INCH) |
| 3906 | 1-968-730-11 | s | HARNESS (KYKY-POWER) |
| 3907 | 1-968-732-11 | s | HARNESS (COAXIAL KY-SIGNAL-S) |
| 3908 | 4-442-505-02 | s | OL HOLDER 0.8 |
| 3909 | 4-442-506-03 | s | OL HOLDER2.7 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## Panel (XPT R) Assy-1



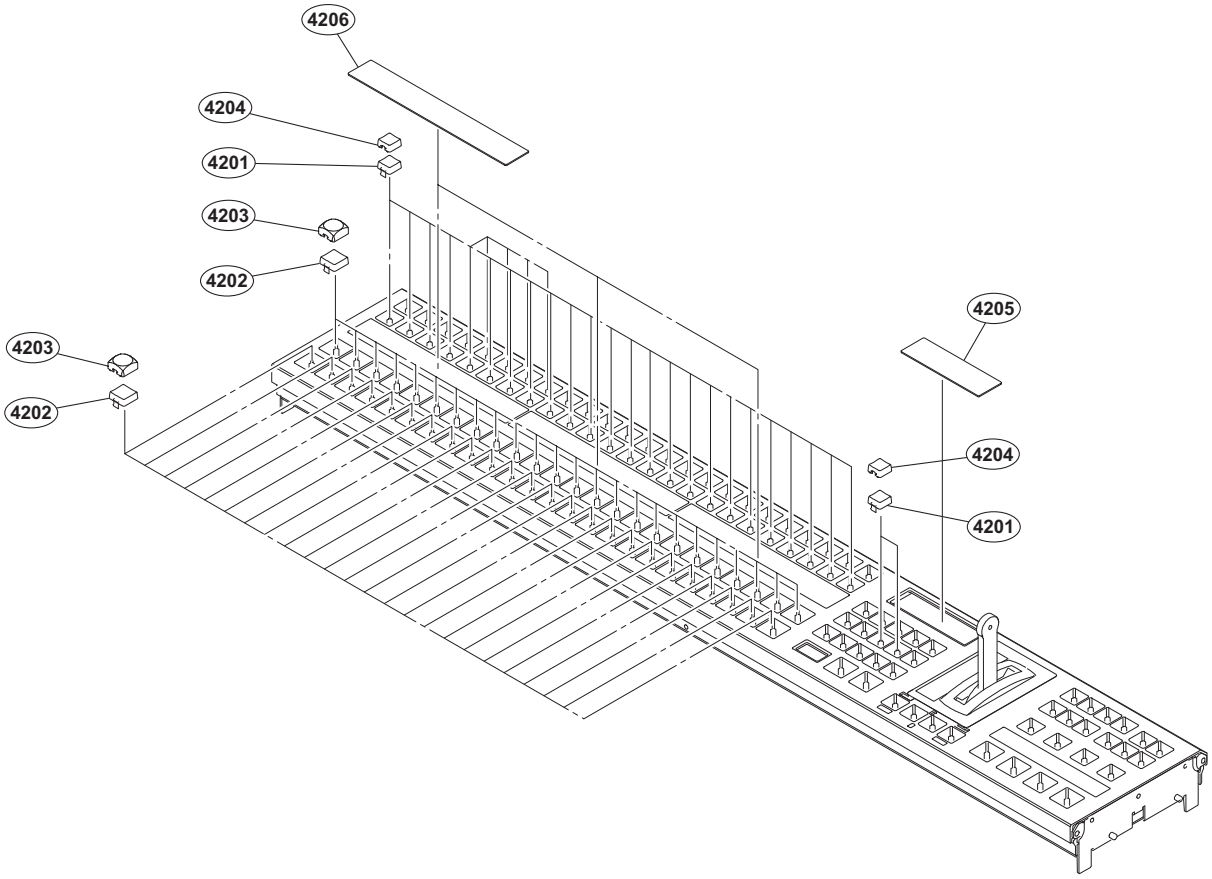

| No. | Part No. | SP | Description |
|---|---|---|---|
| 4001 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 4002 | 3-853-744-04 | s | PLATE, DIFFUSION (15) |
| 4003 | 4-145-369-01 | s | CAP (12) |
| 4004 | 4-145-371-01 | s | CAP (15) |
| 4005 | 4-445-516-02 | s | CHIP (XPT R), SWITCH |

## Panel (XPT R) Assy-2



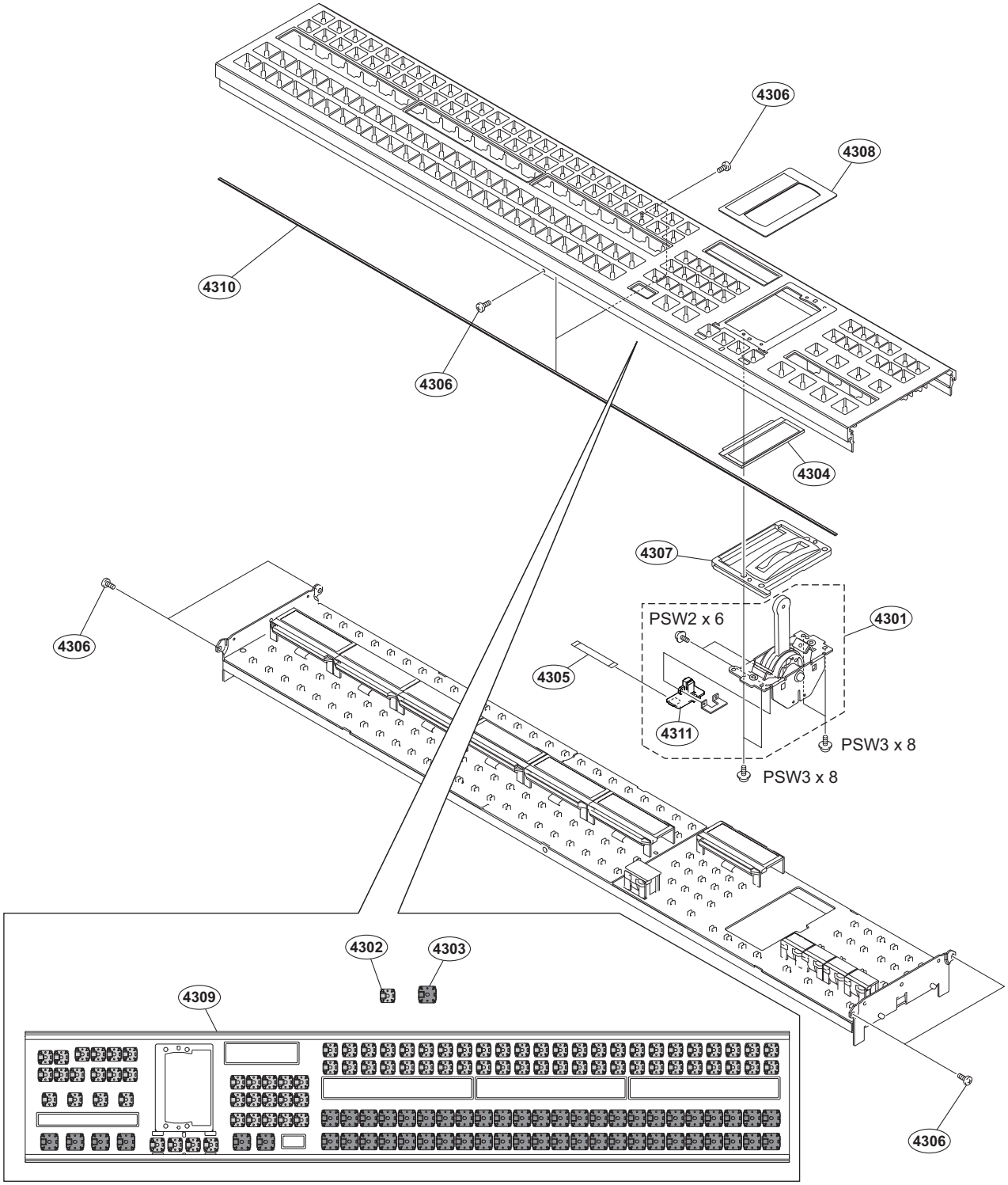

| No. | Part No. | SP | Description |
|---|---|---|---|
| 4101 | 3-853-732-01 | s | GRIP |
| 4102 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 4103 | 4-145-369-01 | s | CAP (12) |
| 4104 | 4-442-504-01 | s | GUARD (4), SWITCH |
| 4105 | 4-442-623-01 | s | WINDOW (0.8-1) |
| 4106 | 4-442-624-01 | s | WINDOW (0.8-4) |
| 4107 | 4-445-516-02 | s | CHIP (XPT R), SWITCH |

## Panel (XPT R) Assy-3



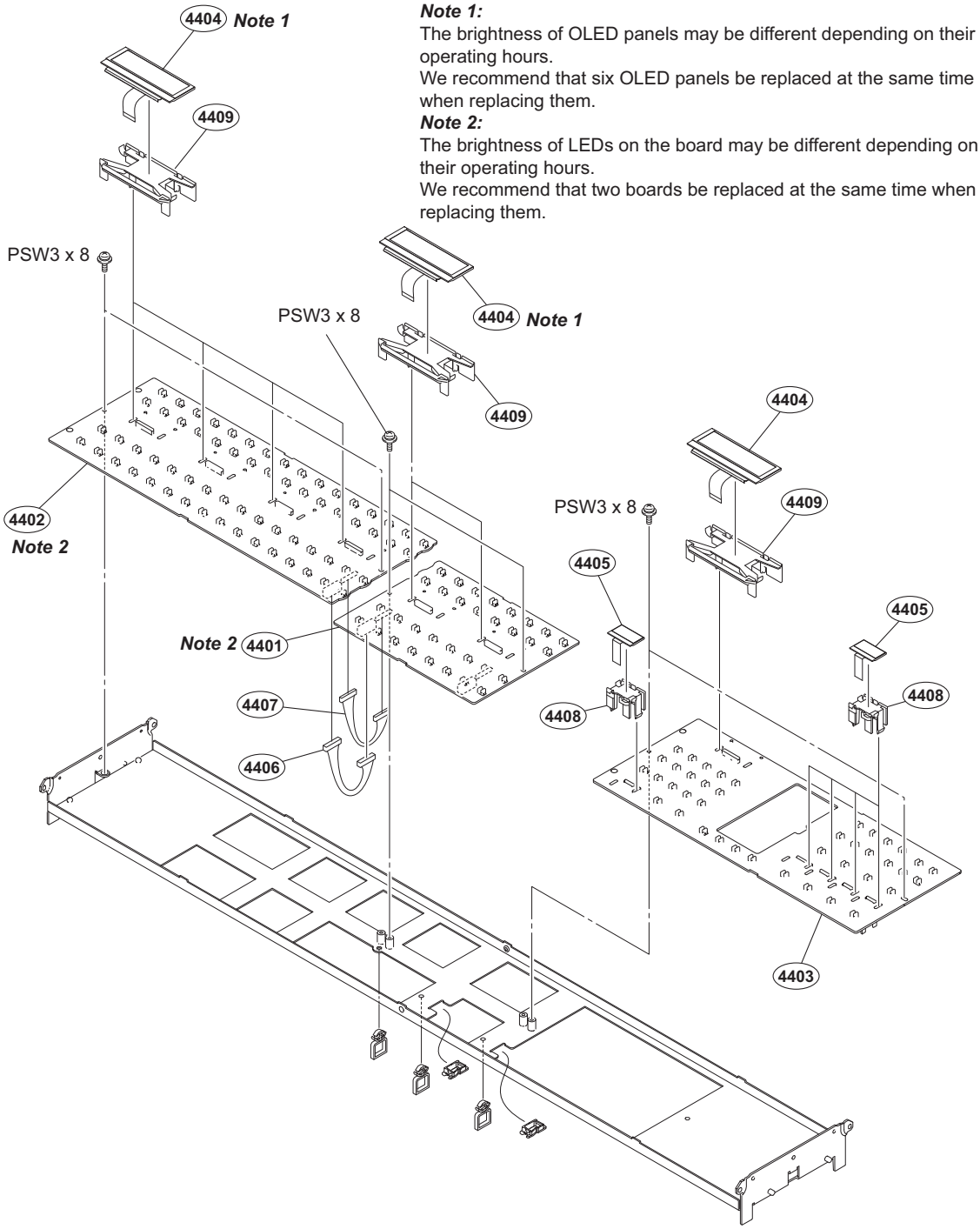

| No. | Part No. | SP | Description |
|---|---|---|---|
| 4201 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 4202 | 3-853-744-04 | s | PLATE, DIFFUSION (15) |
| 4203 | 4-145-368-01 | s | CAP (15X) |
| 4204 | 4-145-369-01 | s | CAP (12) |
| 4205 | 4-442-625-01 | s | WINDOW (2.7-1) |
| 4206 | 4-442-626-01 | s | WINDOW (2.7-2) |

## Panel (XPT R) Assy-4




| No. | Part No. | SP | Description |
|---|---|---|---|
| 4301 | A-1904-725-A | s | ASSY, FADER (6500) |
| 4302 | X-2585-943-1 | s | CASE (12) ASSY, SWITCH |
| 4303 | X-2585-944-1 | s | CASE (15) ASSY, SWITCH |
| 4304 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 4305 | 1-836-689-11 | s | CABLE, FLEXIBLE FLAT (10 CORE) |
| 4306 | 3-725-295-11 | s | SCREW, (+) (B3) |
| 4307 | 4-442-496-01 | s | COVER, FADER |
| 4308 | 4-442-499-01 | s | SHEET, DISPLAY |
| 4309 | 4-442-593-01 | s | PANEL (XPT R) |
| 4310 | 4-442-619-21 | s | FOAM, SHIELD |
| 4311 | A-1883-258-A | s | MOUNTED CIRCUIT BOARD, CN-3538 |
| | 7-628-000-05 | s | +PSW 2X6 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## Panel (XPT R) Assy-5

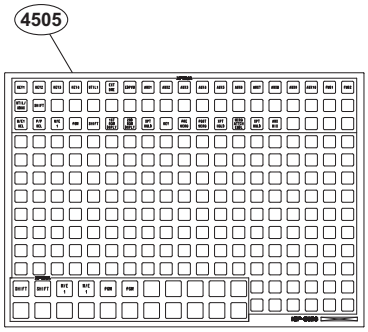


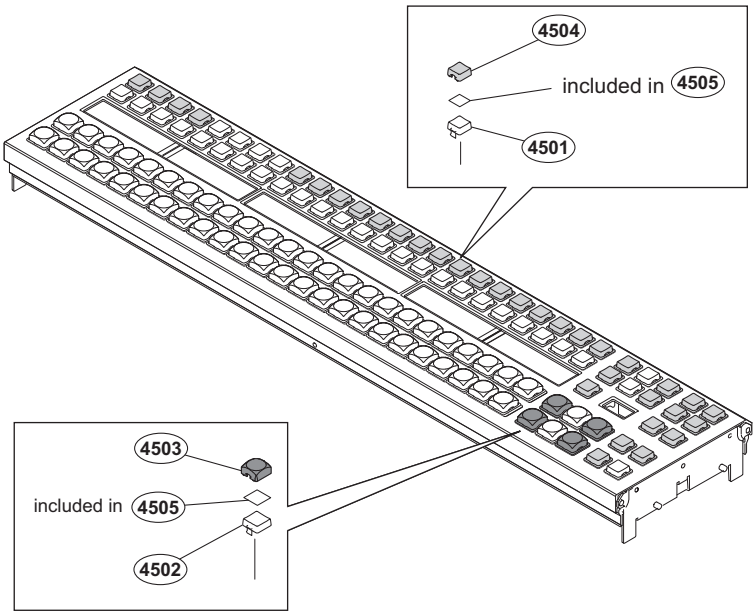

***Note 1:***
The brightness of OLED panels may be different depending on their operating hours.
We recommend that six OLED panels be replaced at the same time when replacing them.

***Note 2:***
The brightness of LEDs on the board may be different depending on their operating hours.
We recommend that two boards be replaced at the same time when replacing them.

| No. | Part No. | SP | Description |
|---|---|---|---|
| 4401 | A-1892-833-A | s | MOUNTED CIRCUIT BOARD, KY-699 |
| 4402 | A-1883-250-A | s | MOUNTED CIRCUIT BOARD, KY-688 |
| 4403 | A-1883-252-A | s | MOUNTED CIRCUIT BOARD, KY-691 |
| 4404 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 4405 | 1-811-683-11 | s | DISPLAY, OLED (0.8INCH) |
| 4406 | 1-968-730-11 | s | HARNESS (KYKY-POWER) |
| 4407 | 1-968-732-11 | s | HARNESS (COAXIAL KY-SIGNAL-S) |
| 4408 | 4-442-505-02 | s | OL HOLDER 0.8 |
| 4409 | 4-442-506-03 | s | OL HOLDER2.7 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

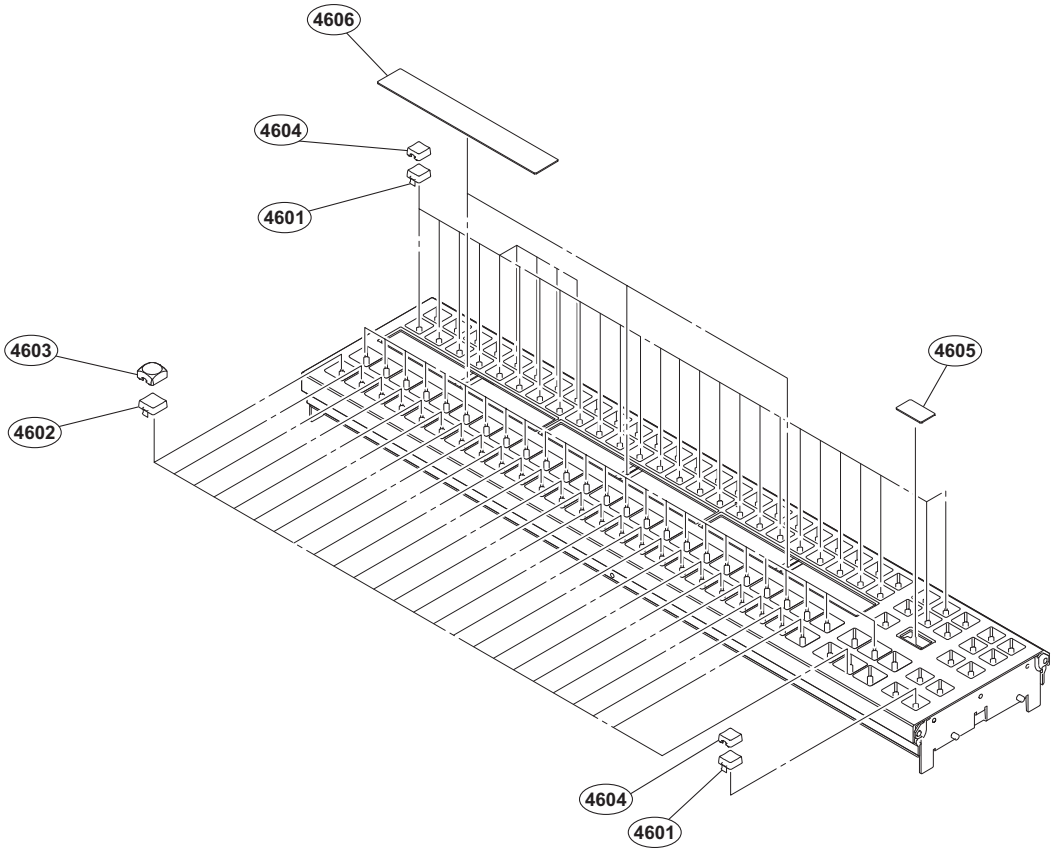
## Panel (XPT24A) Assy-1



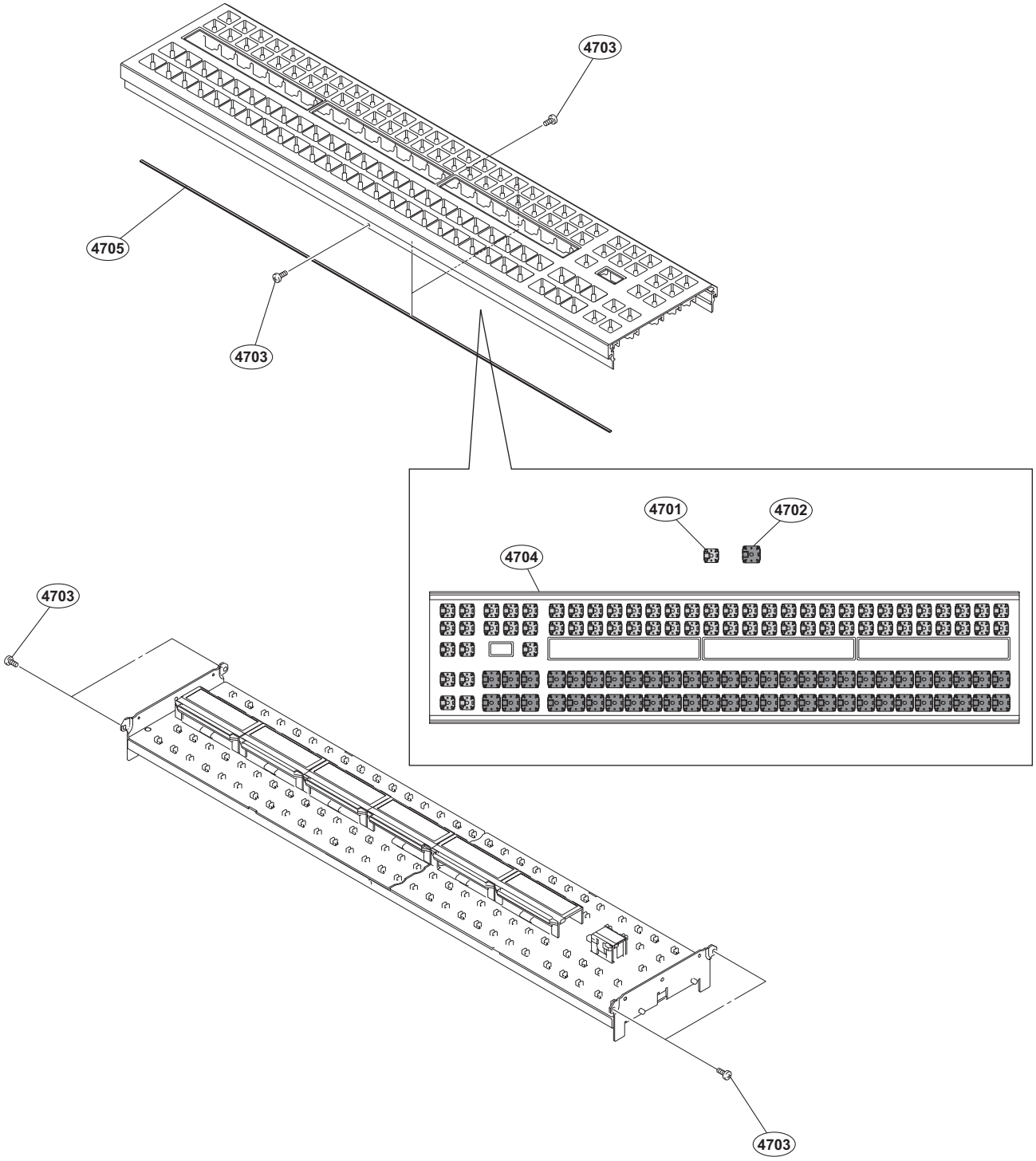

| No. | Part No. | SP | Description |
|---|---|---|---|
| 4501 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 4502 | 3-853-744-04 | s | PLATE, DIFFUSION (15) |
| 4503 | 4-145-368-01 | s | CAP (15X) |
| 4504 | 4-145-369-01 | s | CAP (12) |
| 4505 | 4-442-252-01 | s | CHIP (XPT24A), SWITCH |

## Panel (XPT24A) Assy-2



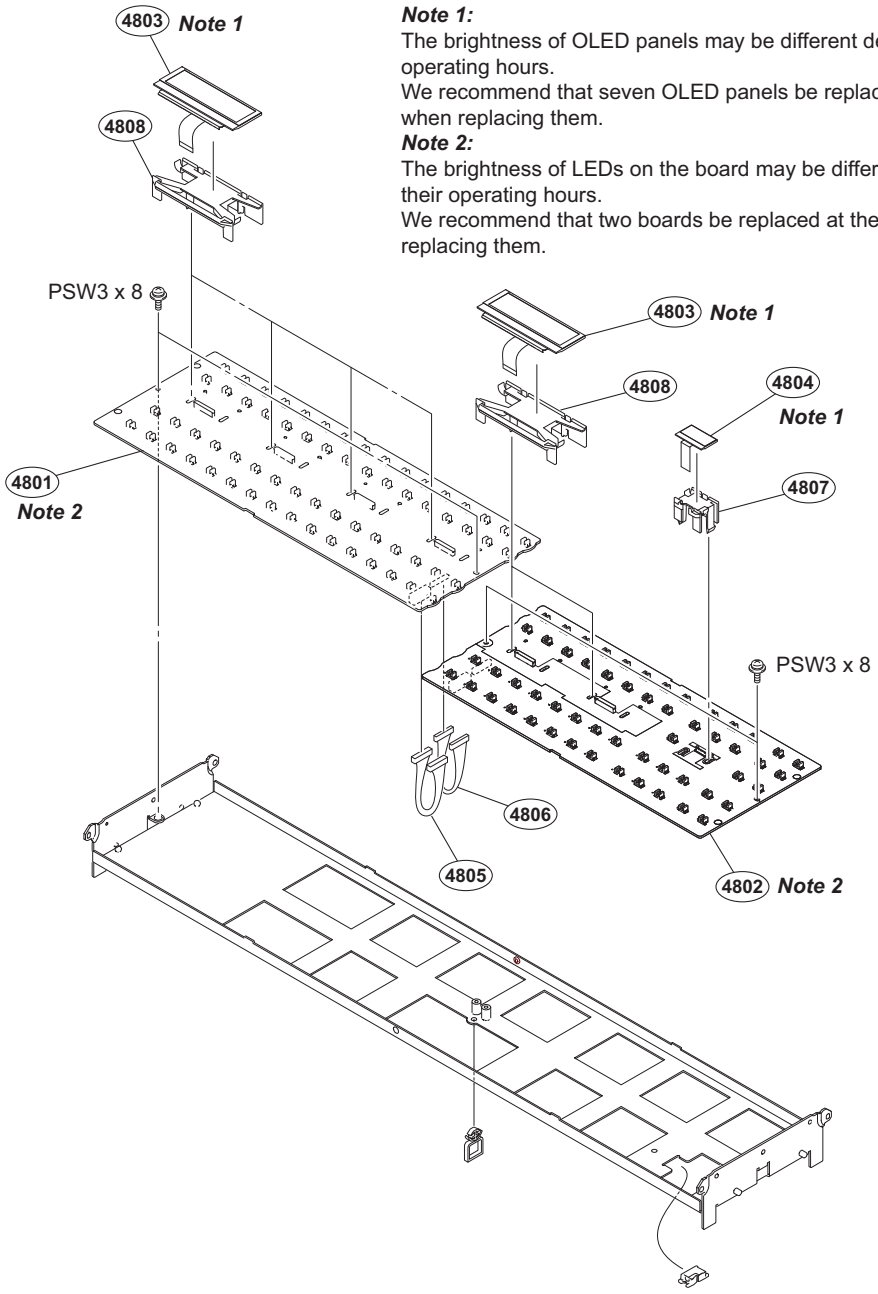

| No. | Part No. | SP | Description |
|---|---|---|---|
| 4601 | 3-853-743-04 | s | PLATE, DIFFUSION (12) |
| 4602 | 3-853-744-04 | s | PLATE, DIFFUSION (15) |
| 4603 | 4-145-368-01 | s | CAP (15X) |
| 4604 | 4-145-369-01 | s | CAP (12) |
| 4605 | 4-442-623-01 | s | WINDOW (0.8-1) |
| 4606 | 4-442-626-01 | s | WINDOW (2.7-2) |

## Panel (XPT24A) Assy-3




| No. | Part No. | SP | Description |
|---|---|---|---|
| 4701 | X-2585-943-1 | s | CASE (12) ASSY, SWITCH |
| 4702 | X-2585-944-1 | s | CASE (15) ASSY, SWITCH |
| 4703 | 3-725-295-11 | s | SCREW, (+) (B3) |
| 4704 | 4-442-591-01 | s | PANEL (XPT24) |
| 4705 | 4-442-619-01 | s | FOAM, SHIELD |

## Panel (XPT24A) Assy-4

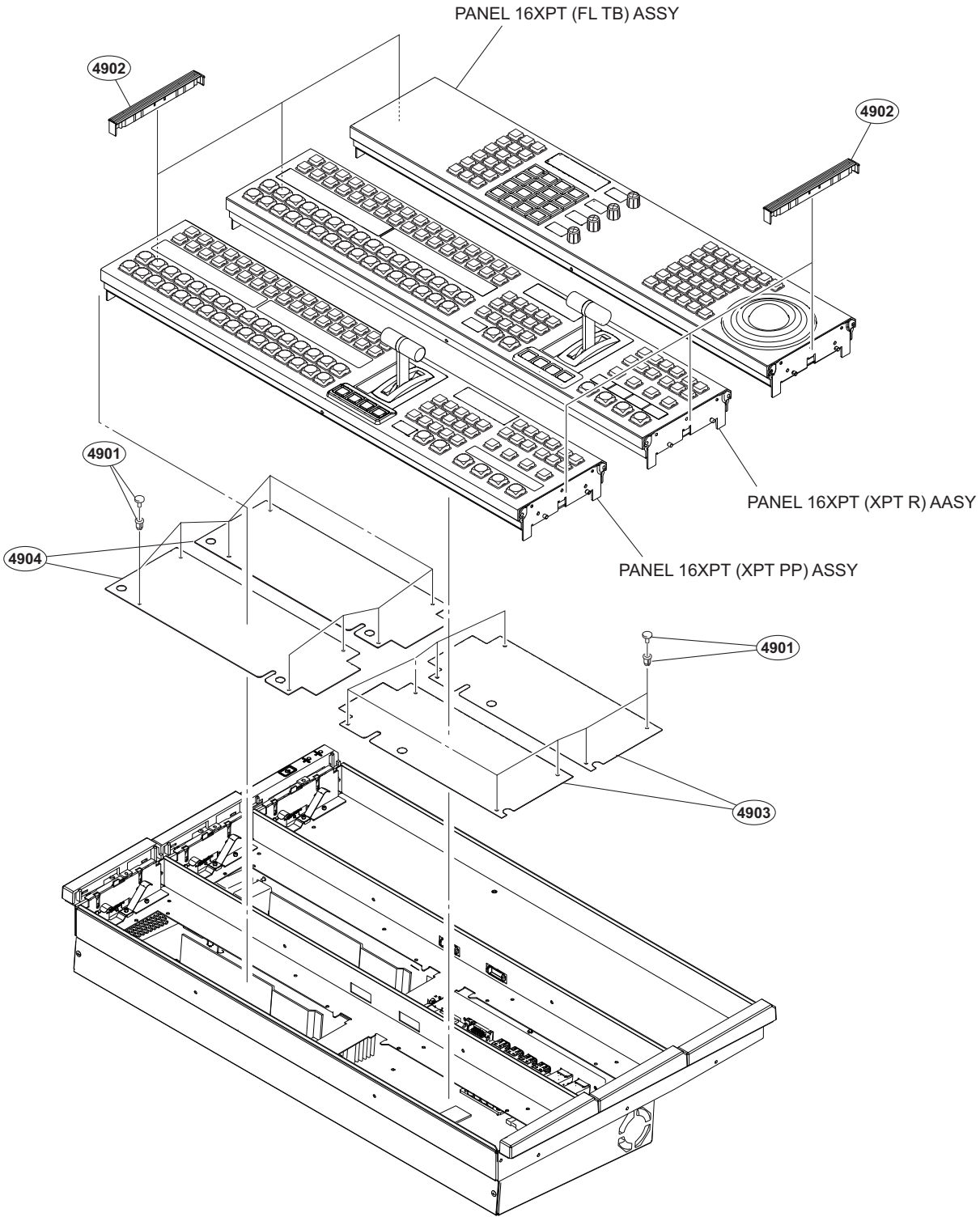



***Note 1:***
The brightness of OLED panels may be different depending on their operating hours.
We recommend that seven OLED panels be replaced at the same time when replacing them.

***Note 2:***
The brightness of LEDs on the board may be different depending on their operating hours.
We recommend that two boards be replaced at the same time when replacing them.

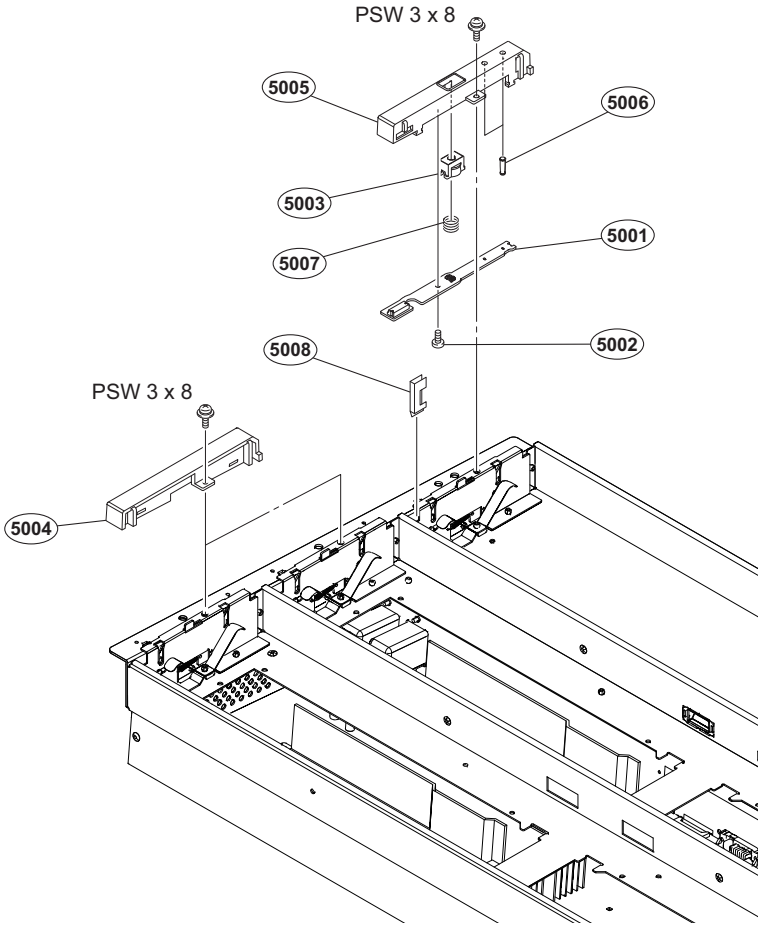
| No. | Part No. | SP | Description |
|---|---|---|---|
| 4801 | A-1883-250-A | s | MOUNTED CIRCUIT BOARD, KY-688 |
| 4802 | A-1883-251-A | s | MOUNTED CIRCUIT BOARD, KY-689 |
| 4803 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 4804 | 1-811-683-11 | s | DISPLAY, OLED (0.8INCH) |
| 4805 | 1-968-730-11 | s | HARNESS (KYKY-POWER) |
| 4806 | 1-968-732-11 | s | HARNESS (COAXIAL KY-SIGNAL-S) |
| 4807 | 4-442-505-02 | s | OL HOLDER 0.8 |
| 4808 | 4-442-506-03 | s | OL HOLDER2.7 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## ICP-3016 Overall-1



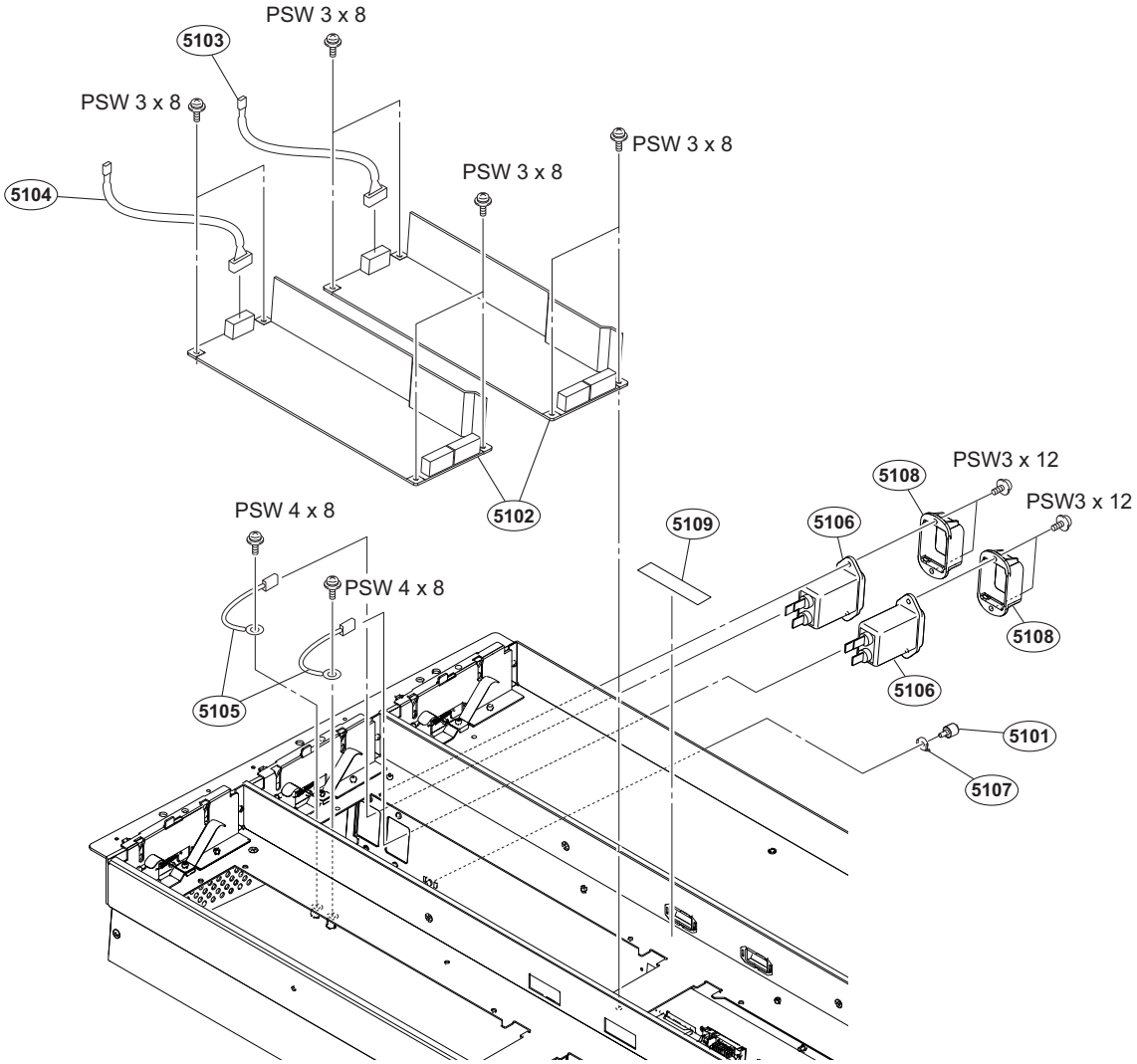

| No. | Part No. | SP | Description |
|---|---|---|---|
| 4901 | 3-531-576-01 | s | RIVET |
| 4902 | 3-637-965-11 | s | COVER,MODULE |
| 4903 | 4-471-729-01 | s | SHEET, METAL |
| 4904 | ⚠ 4-471-730-01 | s | INSULATING SHEET |

## ICP-3016 Overall-2



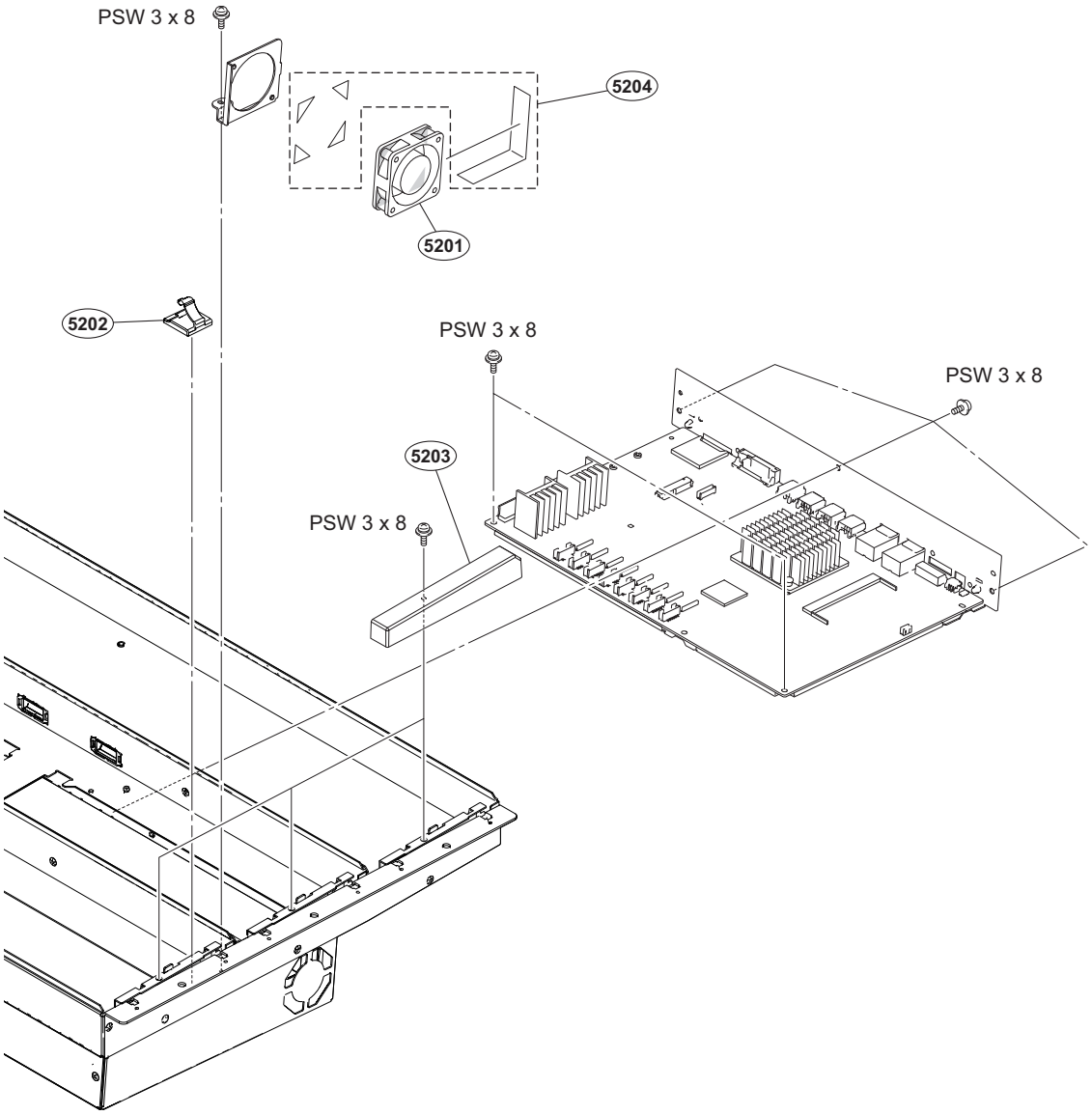

| No. | Part No. | SP | Description |
|---|---|---|---|
| 5001 | A-1883-259-A | s | MOUNTED CIRCUIT BOARD,CN-3539 |
| 5002 | 3-678-079-02 | s | +BVWH 3X8 GIZA TITE |
| 5003 | 4-442-507-01 | s | KEY TOP(PWR) |
| 5004 | 4-442-508-02 | s | CAP(L) |
| 5005 | 4-442-510-01 | s | CAP(SW) |
| 5006 | 4-442-511-01 | s | LIGHT GUIDE(PNL) |
| 5007 | 4-442-512-01 | s | SPRING, COMPRESSION |
| 5008 | 4-442-604-01 | s | INSULATING SHEET (PS) |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## ICP-3016 Overall-3



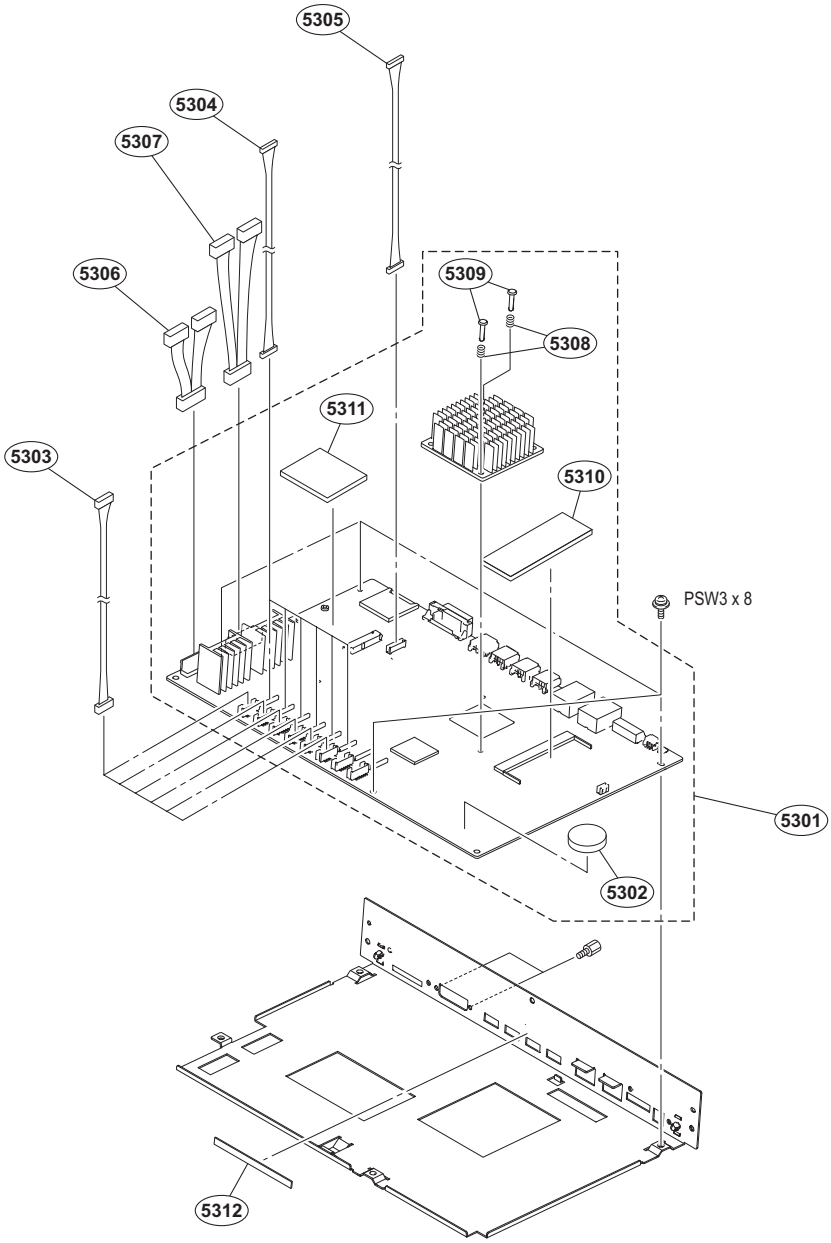

| No. | Part No. | SP | Description |
|---|---|---|---|
| 5101 | X-2068-004-1 | s | TERMINAL ASSY |
| 5102 | ⚠ 1-474-416-11 | s | REGULATOR, SWITCHING |
| 5103 | 1-969-966-11 | s | HARNESS, SUB (INLET-PS-A) |
| 5104 | 1-969-967-11 | s | HARNESS, SUB (INLET-PS-B) |
| 5105 | 1-969-968-11 | s | HARNESS, SUB (INLET-FG) |
| 5106 | ⚠ 1-843-601-11 | s | INLET (WITH NOISE FILTER) |
| 5107 | 2-068-008-01 | s | WASHER |
| 5108 | 2-990-241-02 | s | HOLDER (A), PLUG |
| 5109 | 4-121-494-01 | s | TAPE (7X30) |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |
| | 7-682-950-01 | s | SCREW +PSW 3X12 |
| | 7-682-961-01 | s | SCREW +PSW 4X8 |

## ICP-3016 Overall-4



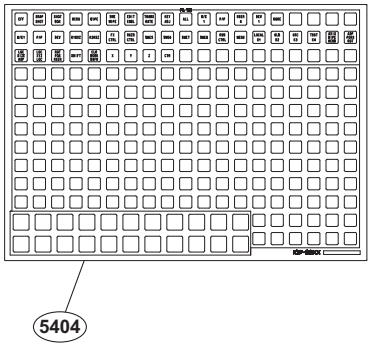

| No. | Part No. | SP | Description |
|---|---|---|---|
| 5201 | ⚠ 1-855-027-11 | s | FAN, DC (52 SQUARE) |
| 5202 | 4-209-962-01 | s | CLAMP (PJ-21B), CABLE |
| 5203 | 4-442-509-02 | s | CAP(R) |
| 5204 | 4-444-303-02 | s | CUSHION |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

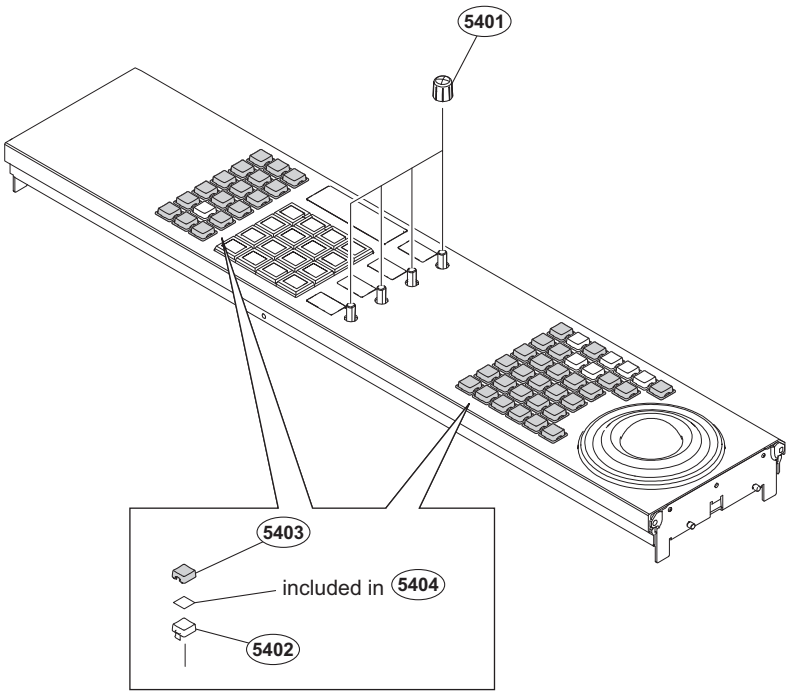
## ICP-3016 Overall-5




| No. | Part No. | SP | Description |
|---|---|---|---|
| 5301 | A-1883-249-A | s | MOUNTED CIRCUIT BOARD, CA-86 |
| 5302 | ⚠ 1-528-174-33 | s | BATTERY, LITHIUM (CR2032 TYPE) |
| 5303 | 1-968-723-11 | s | HARNESS (KY-POWER_L) |
| 5304 | 1-968-725-11 | s | HARNESS (COAXIAL KY-SIGNAL-LL) |
| 5305 | 1-968-726-12 | s | HARNESS (CA-POWERSW) |
| 5306 | 1-968-451-11 | s | HARNESS, SUB (PS-CA-A) |
| 5307 | 1-968-452-11 | s | HARNESS, SUB (PS-CA-B) |
| 5308 | 4-143-557-01 | s | SPRING, COMPRESSION |
| 5309 | 4-143-559-01 | s | PIN, PUSH |
| 5310 | 6-718-246-01 | s | IC HMT325S6CFR8C-PBN0 |
| 5311 | 6-719-189-01 | s | IC THNSNB030GMCJ |
| 5312 | 4-442-619-31 | s | FORM, SHIELD |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

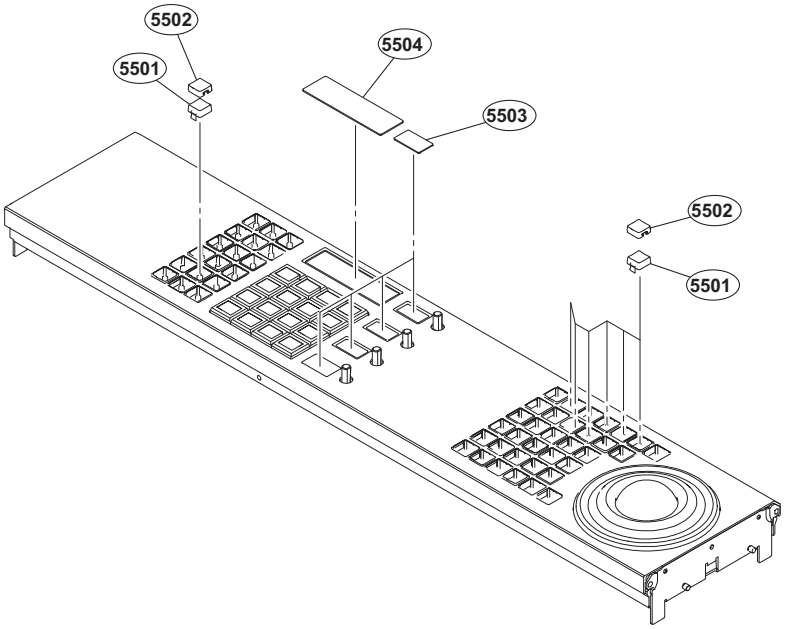
## Panel 16XPT (FL TB) Assy-1



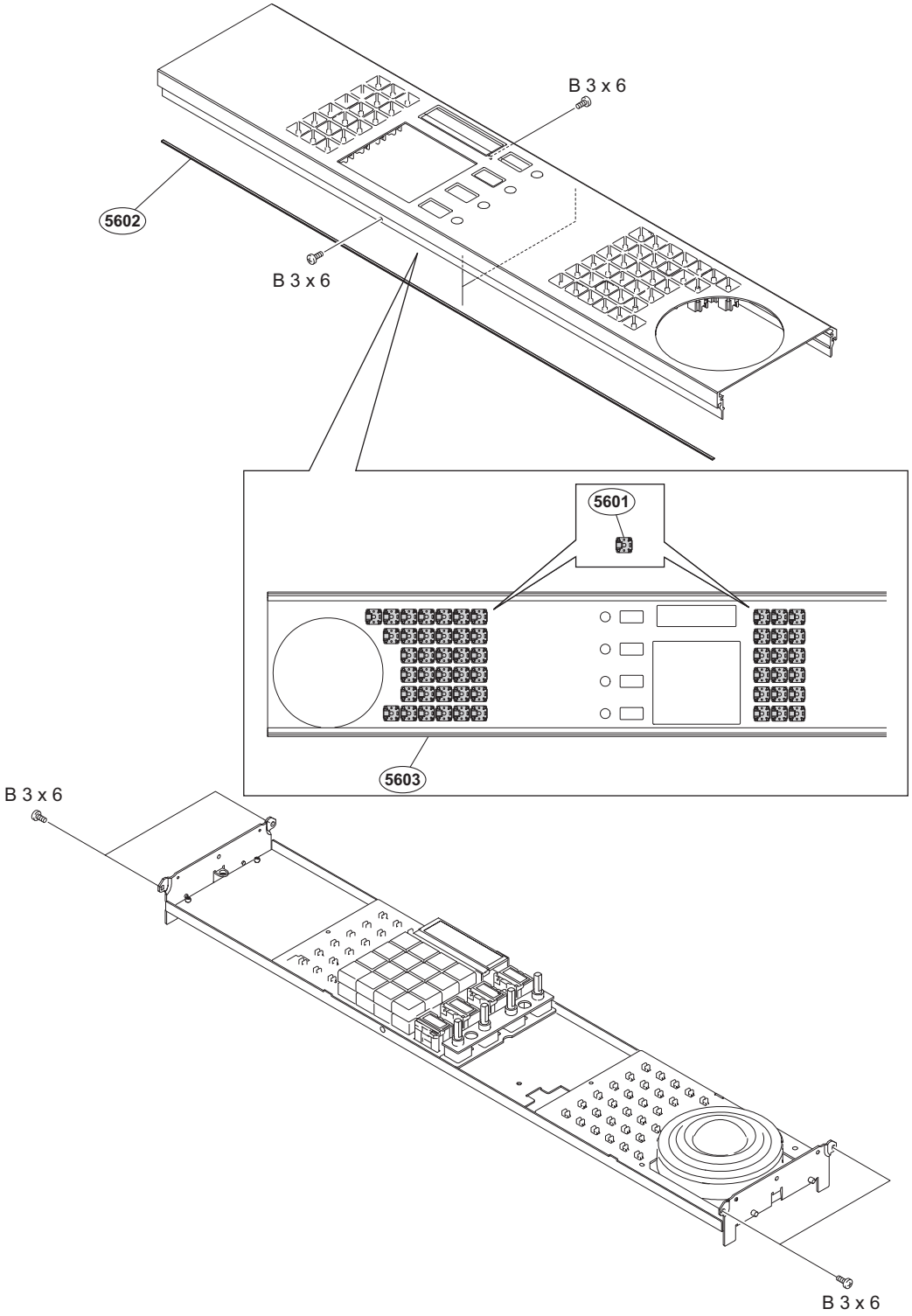

| No. | Part No. | SP | Description |
|---|---|---|---|
| 5401 | X-3608-600-2 | s | ASSY,KNOB VOLUME |
| 5402 | 3-853-743-04 | s | PLATE,DIFFUSION(12) |
| 5403 | 4-145-369-01 | s | CAP (12) |
| 5404 | 4-477-672-01 | s | CHIP (FL TB), SWITCH |

## Panel 16XPT (FL TB) Assy-2



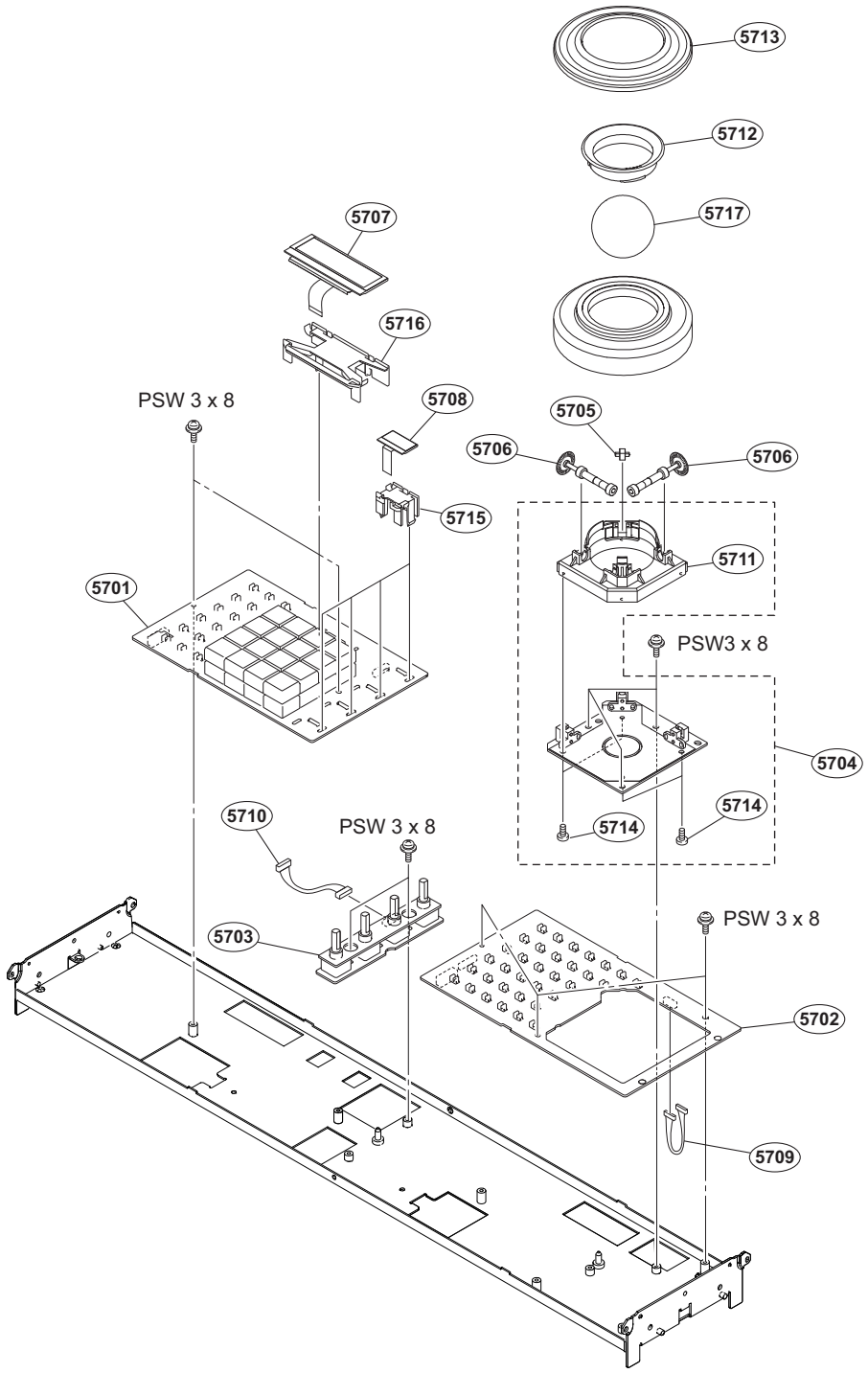

| No. | Part No. | SP | Description |
|---|---|---|---|
| 5501 | 3-853-743-04 | s | PLATE,DIFFUSION(12) |
| 5502 | 4-145-369-01 | s | CAP (12) |
| 5503 | 4-442-623-01 | s | WINDOW (0.8-1) |
| 5504 | 4-442-625-01 | s | WINDOW (2.7-1) |

## Panel 16XPT (FL TB) Assy-3



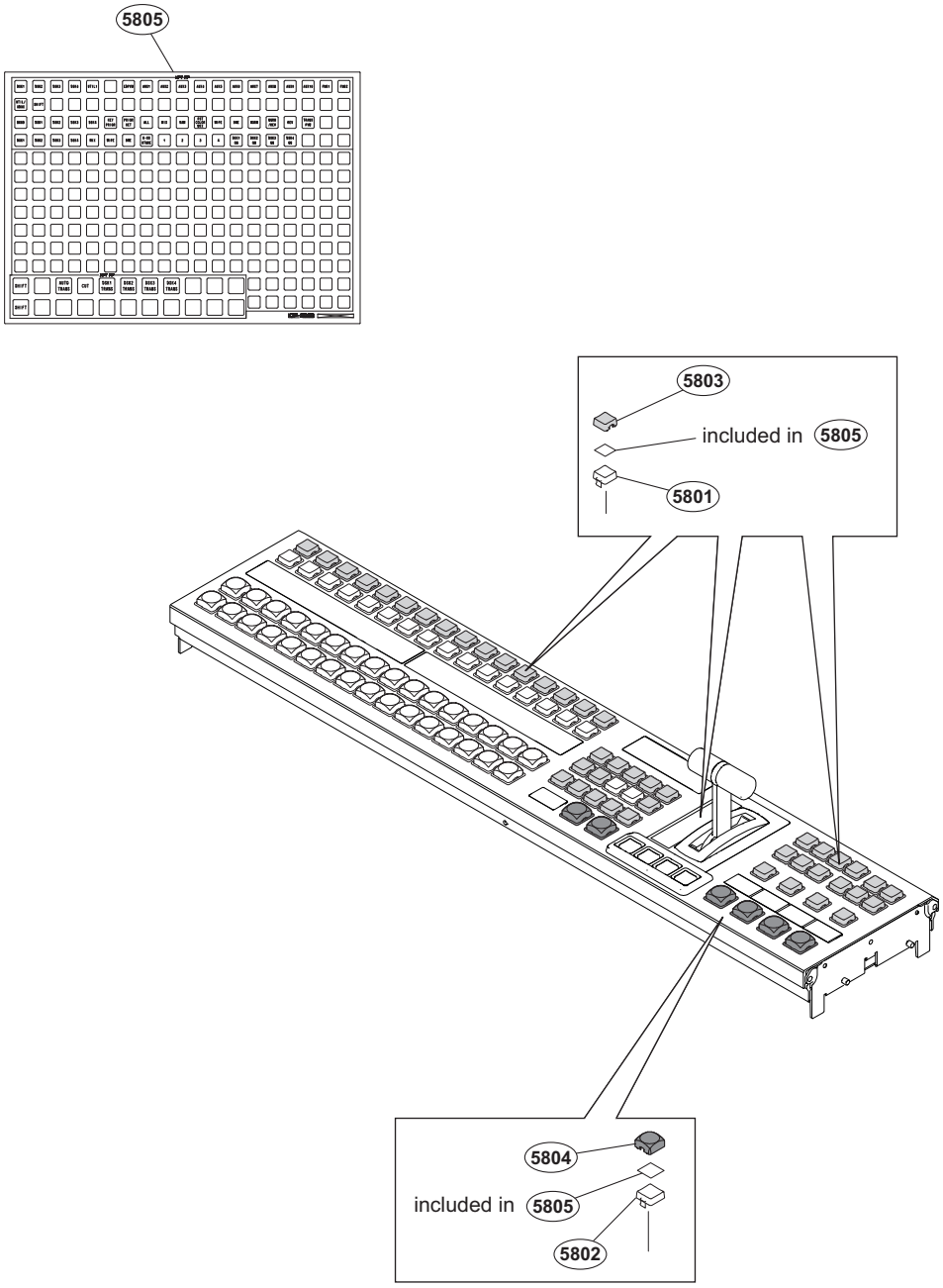

| No. | Part No. | SP | Description |
|---|---|---|---|
| 5601 | X-2587-734-1 | s | CASE(C12)ASSY,SWITCH |
| 5602 | 4-442-619-31 | s | FORM, SHIELD |
| 5603 | 4-464-996-01 | s | PANEL S(FL TB) |
| | 7-682-547-03 | s | SCREW +B 3X6 |

## Panel 16XPT (FL TB) Assy-4



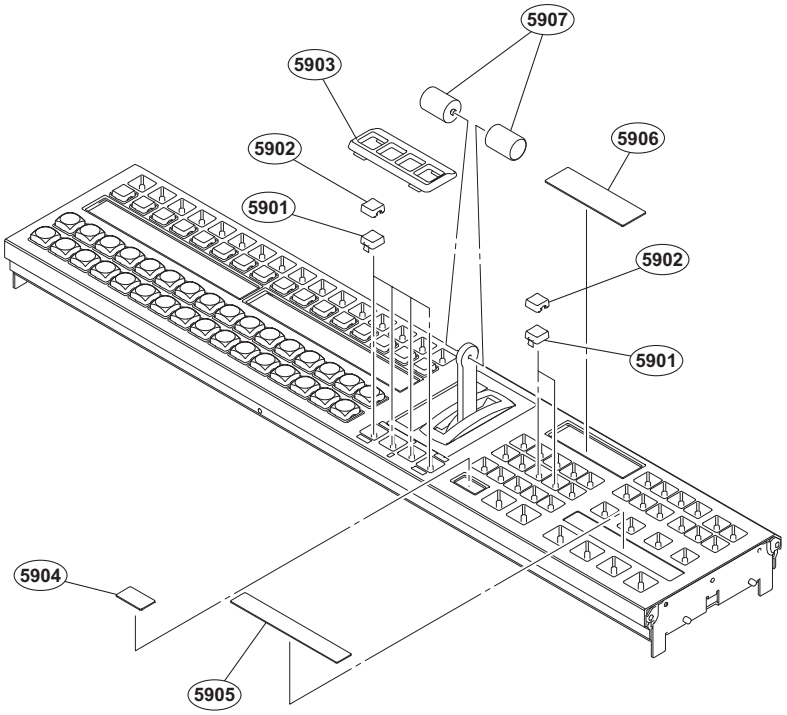

| No. | Part No. | SP | Description |
|---|---|---|---|
| 5701 | A-1883-254-A | s | MOUNTED CIRCUIT BOARD, KY-693 |
| 5702 | A-1883-255-A | s | MOUNTED CIRCUIT BOARD, KY-694 |
| 5703 | A-1883-256-A | s | MOUNTED CIRCUIT BOARD, VR-347 |
| 5704 | A-1883-257-A | s | MOUNTED CIRCUIT BOARD, VR-348 |
| 5705 | X-3167-275-2 | s | ROLLER ASSY |
| 5706 | X-3167-276-3 | s | SHAFT ASSY, TRACK |
| 5707 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 5708 | 1-811-683-11 | s | DISPLAY, OLED (0.8INCH) |
| 5709 | 1-968-728-11 | s | HARNESS (KY-ENCODER) |
| 5710 | 1-968-729-11 | s | HARNESS (KY-VOLUME) |
| 5711 | 3-190-866-03 | s | BASE |
| 5712 | 3-637-937-11 | s | RETAINER,BALL |
| 5713 | 3-637-938-11 | s | COVER,RING |
| 5714 | 3-678-079-02 | s | +BVWH 3X8 GIZA TITE |
| 5715 | 4-442-505-02 | s | OL HOLDER 0.8 |
| 5716 | 4-442-506-03 | s | OL HOLDER2.7 |
| 5717 | 4-930-625-11 | s | BALL, TRACK |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## Panel 16XPT (XPT PP) Assy-1



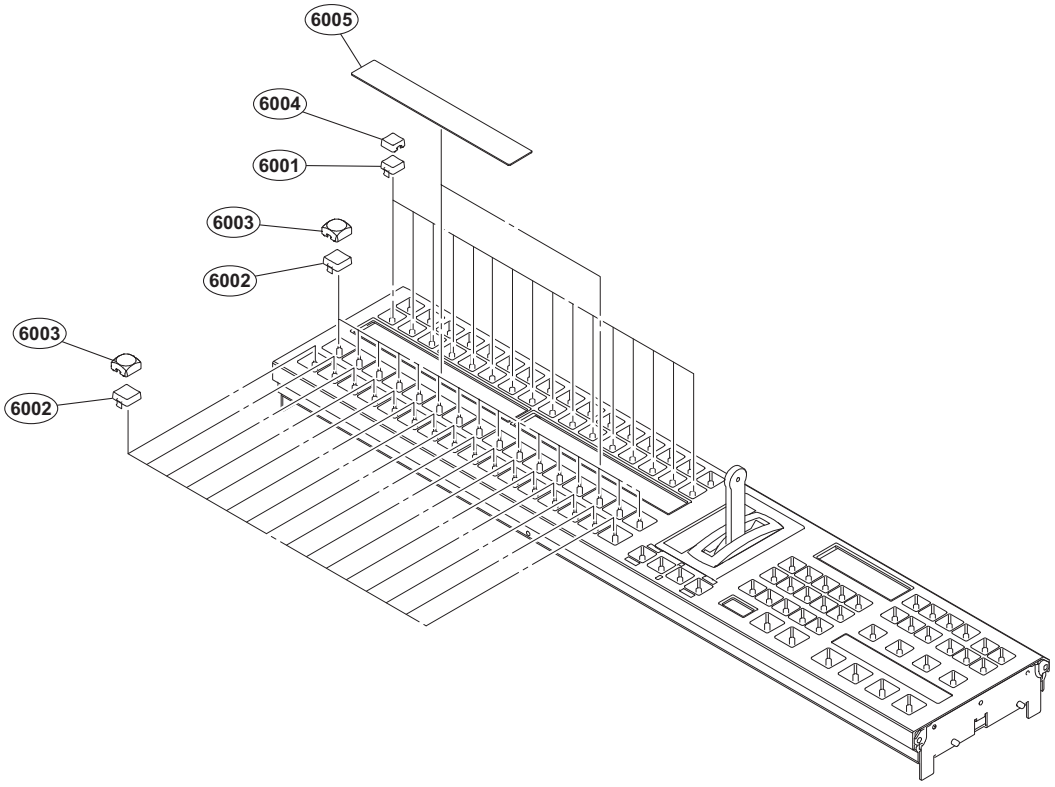

| No. | Part No. | SP | Description |
|---|---|---|---|
| 5801 | 3-853-743-04 | s | PLATE,DIFFUSION(12) |
| 5802 | 3-853-744-04 | s | PLATE,DIFFUSION(15) |
| 5803 | 4-145-369-01 | s | CAP (12) |
| 5804 | 4-145-371-01 | s | CAP (15) |
| 5805 | 4-442-251-02 | s | CHIP (XPT PP), SWITCH |

## Panel 16XPT (XPT PP) Assy-2



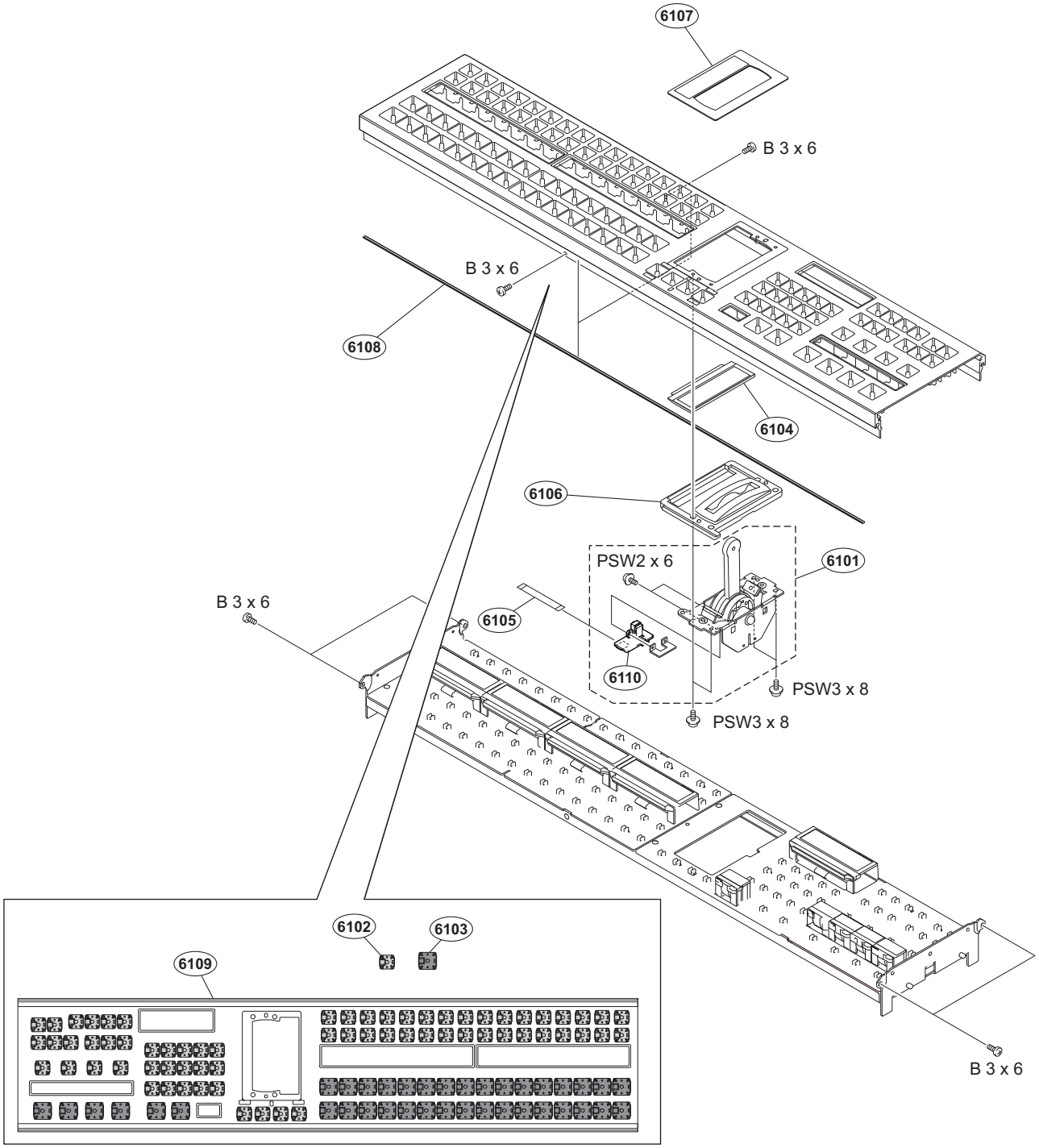

| No. | Part No. | SP | Description |
|---|---|---|---|
| 5901 | 3-853-743-04 | s | PLATE,DIFFUSION(12) |
| 5902 | 4-145-369-01 | s | CAP (12) |
| 5903 | 4-442-504-01 | s | GUARD(4),SWITCH |
| 5904 | 4-442-623-01 | s | WINDOW (0.8-1) |
| 5905 | 4-442-624-01 | s | WINDOW (0.8-4) |
| 5906 | 4-442-625-01 | s | WINDOW (2.7-1) |
| 5907 | 4-474-738-01 | s | GRIP(C) |

## Panel 16XPT (XPT PP) Assy-3




| No. | Part No. | SP | Description |
|---|---|---|---|
| 6001 | 3-853-743-04 | s | PLATE,DIFFUSION(12) |
| 6002 | 3-853-744-04 | s | PLATE,DIFFUSION(15) |
| 6003 | 4-145-368-01 | s | CAP (15X) |
| 6004 | 4-145-369-01 | s | CAP (12) |
| 6005 | 4-442-626-01 | s | WINDOW (2.7-2) |

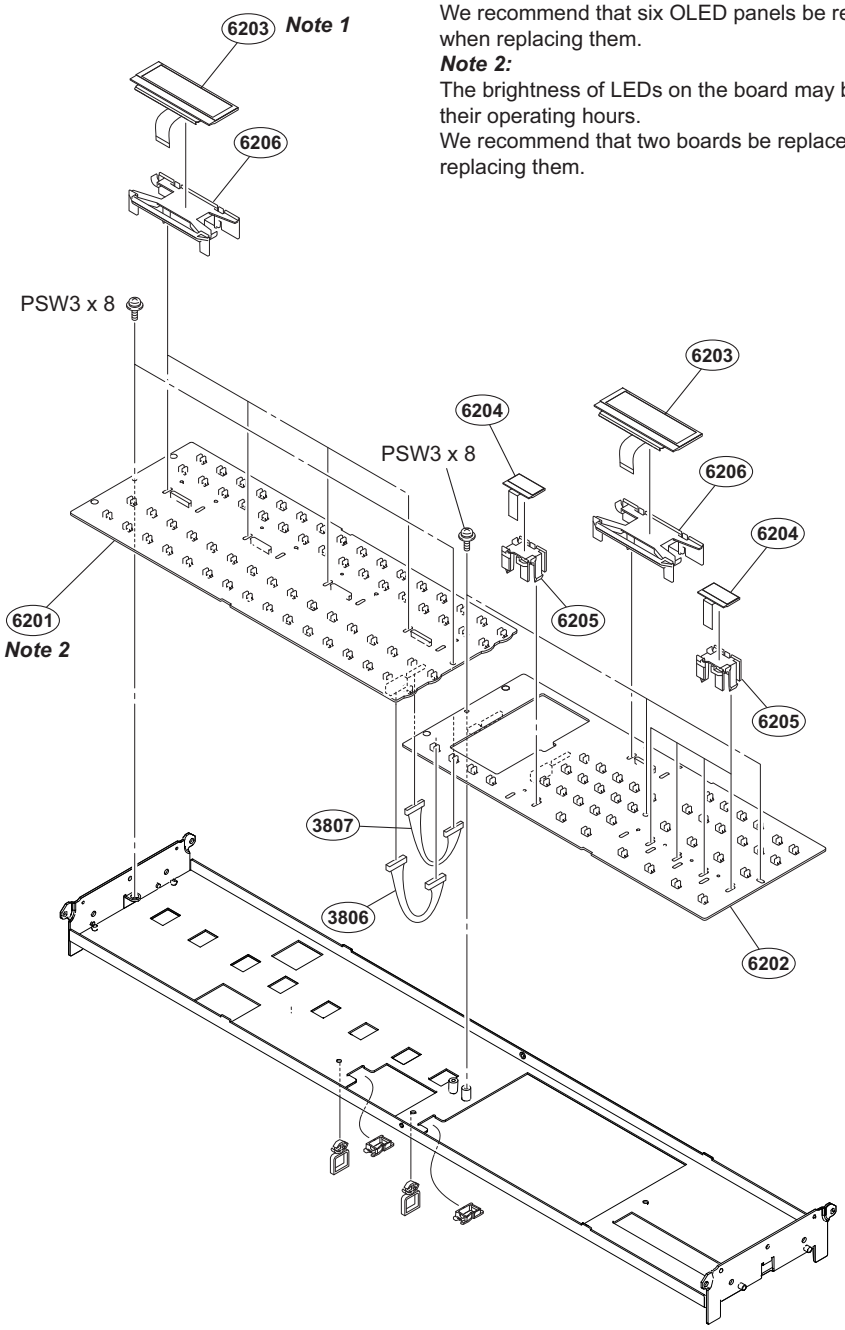
## Panel 16XPT (XPT PP) Assy-4




| No. | Part No. | SP | Description |
|---|---|---|---|
| 6101 | A-1904-725-A | s | ASSY, FADER (6500) |
| 6102 | X-2587-734-1 | s | CASE(C12)ASSY,SWITCH |
| 6103 | X-2587-735-1 | s | CASE(C15)ASSY,SWITCH |
| 6104 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 6105 | 1-836-689-11 | s | CABLE, FLEXIBLE FLAT (10 CORE) |
| 6106 | 4-442-496-01 | s | COVER,FADER |
| 6107 | 4-442-499-02 | s | SHEET, DISPLAY |
| 6108 | 4-442-619-31 | s | FORM, SHIELD |
| 6109 | 4-464-994-01 | s | PANEL S(XPT PP) |
| 6110 | A-1883-258-A | s | MOUNTED CIRCUIT BOARD, CN-3538 |
| | 7-628-000-05 | s | +PSW 2X6 |
| | 7-682-547-03 | s | SCREW +B 3X6 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

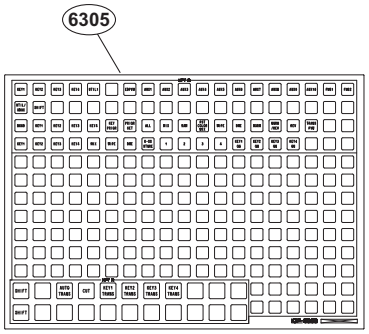
## Panel 16XPT (XPT PP) Assy-5

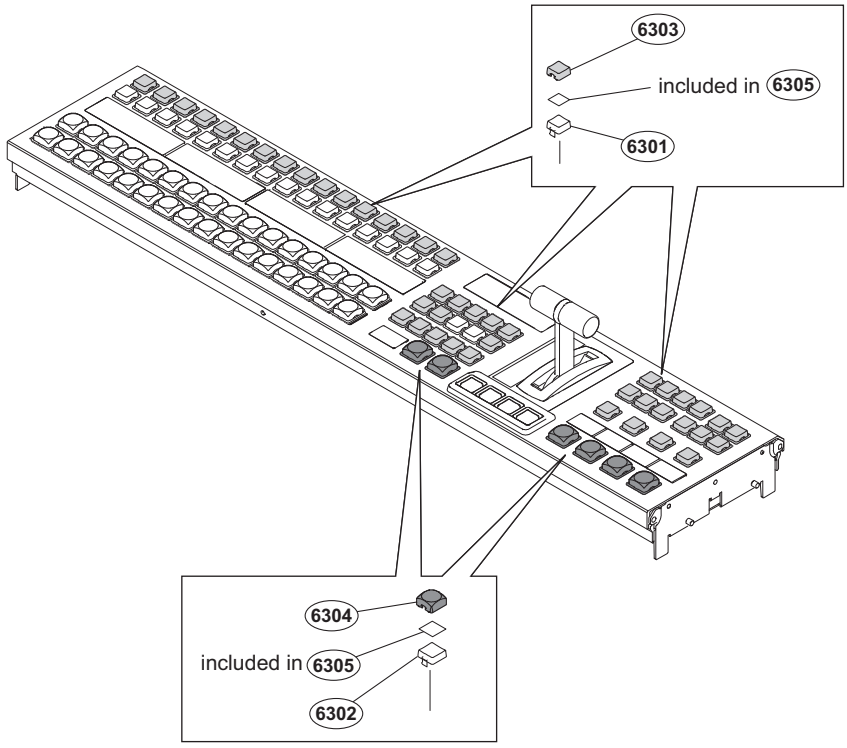
***Note 1:***
The brightness of OLED panels may be different depending on their operating hours.
We recommend that six OLED panels be replaced at the same time when replacing them.
***Note 2:***
The brightness of LEDs on the board may be different depending on their operating hours.
We recommend that two boards be replaced at the same time when replacing them.




| No. | Part No. | SP | Description |
|---|---|---|---|
| 6201 | A-1883-250-A | s | MOUNTED CIRCUIT BOARD, KY-688 |
| 6202 | A-1883-260-A | s | MOUNTED CIRCUIT BOARD, KY-690 |
| 6203 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 6204 | 1-811-683-11 | s | DISPLAY, OLED (0.8INCH) |
| 6205 | 4-442-505-02 | s | OL HOLDER 0.8 |
| 6206 | 4-442-506-03 | s | OL HOLDER2.7 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

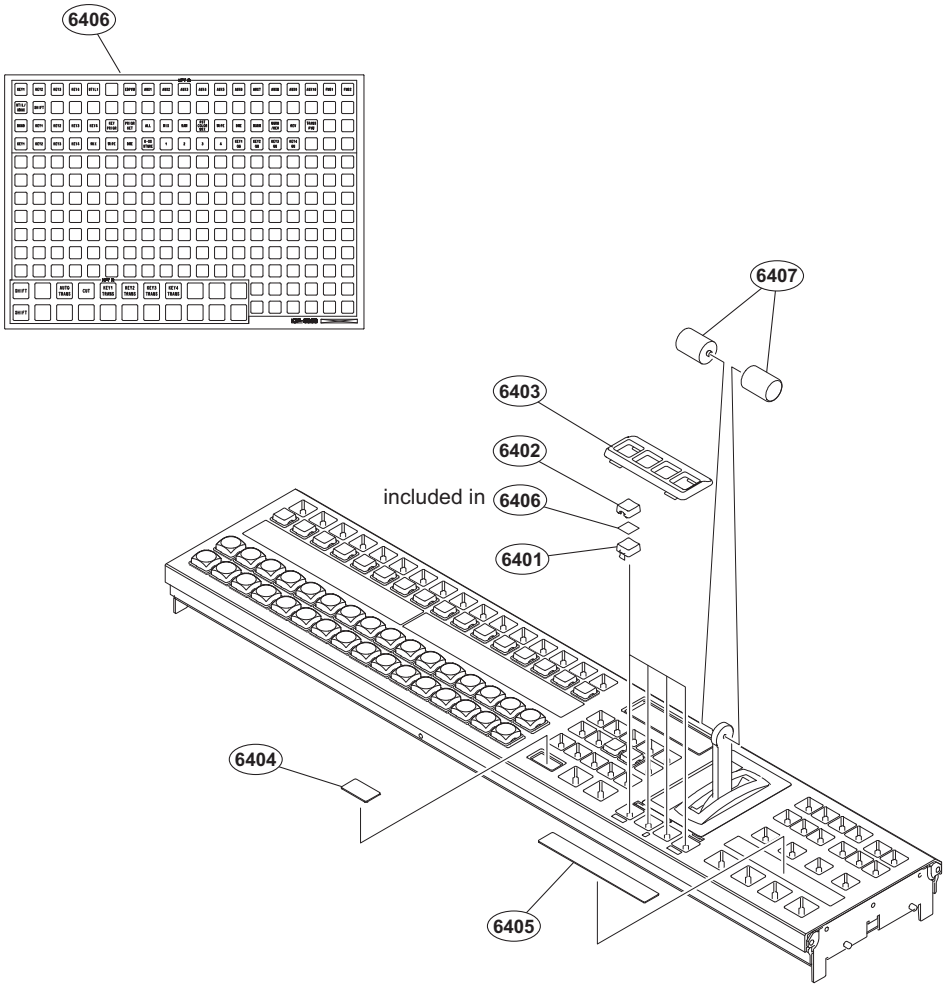
## Panel 16XPT (XPT R) Assy-1



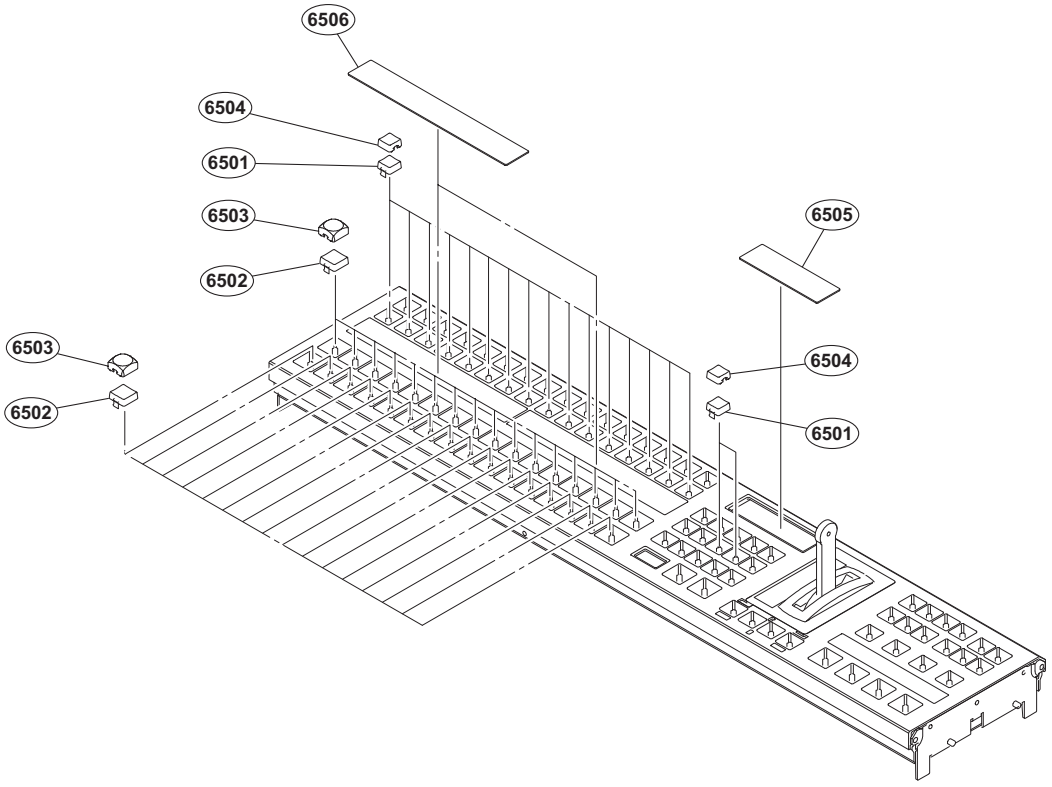

| No. | Part No. | SP | Description |
|---|---|---|---|
| 6301 | 3-853-743-04 | s | PLATE,DIFFUSION(12) |
| 6302 | 3-853-744-04 | s | PLATE,DIFFUSION(15) |
| 6303 | 4-145-369-01 | s | CAP (12) |
| 6304 | 4-145-371-01 | s | CAP (15) |
| 6305 | 4-445-516-02 | s | CHIP(XPT R),SWITCH |

## Panel 16XPT (XPT R) Assy-2



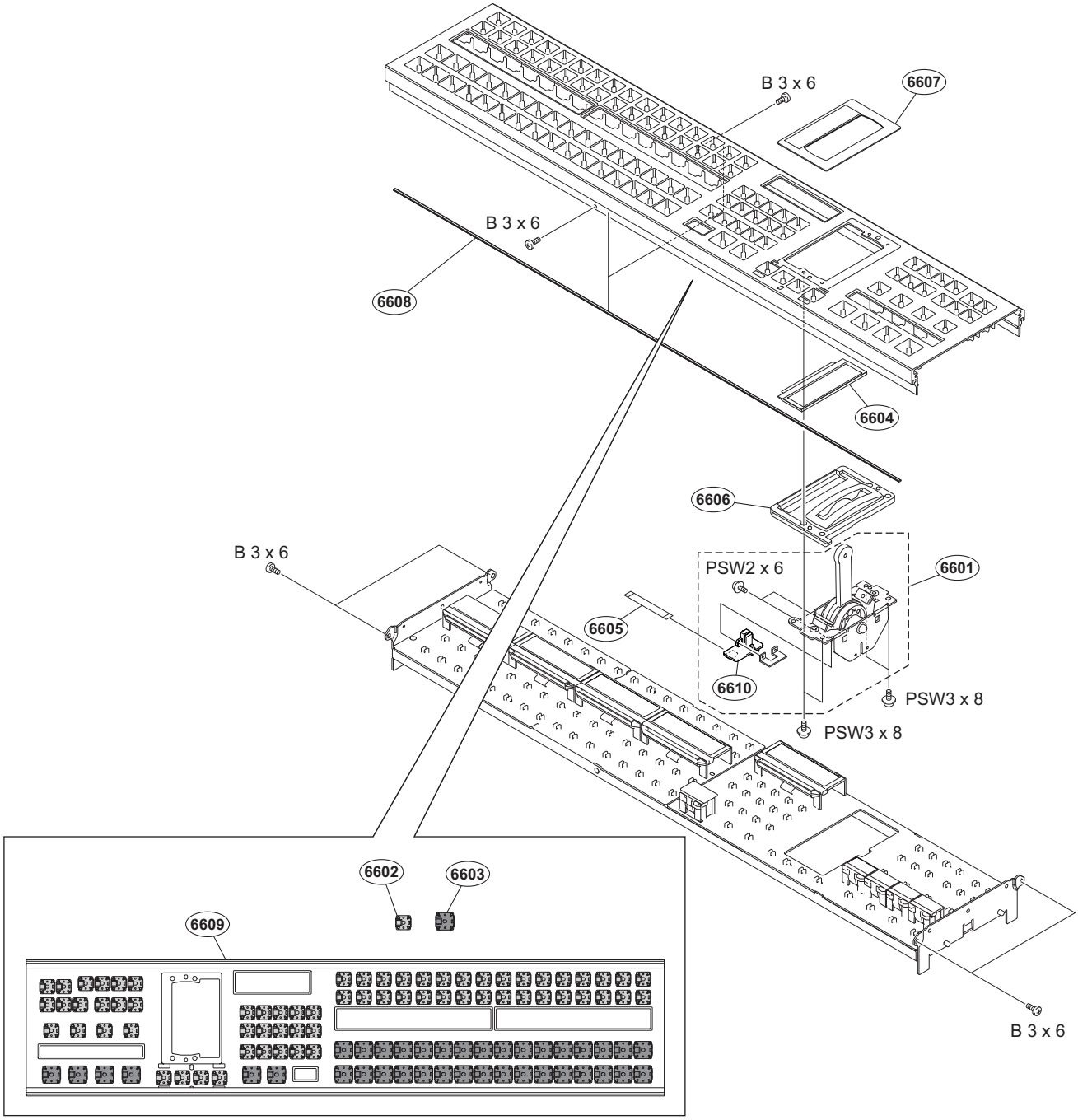

| No. | Part No. | SP | Description |
|---|---|---|---|
| 6401 | 3-853-743-04 | s | PLATE,DIFFUSION(12) |
| 6402 | 4-145-369-01 | s | CAP (12) |
| 6403 | 4-442-504-01 | s | GUARD(4),SWITCH |
| 6404 | 4-442-623-01 | s | WINDOW (0.8-1) |
| 6405 | 4-442-624-01 | s | WINDOW (0.8-4) |
| 6406 | 4-445-516-02 | s | CHIP(XPT R),SWITCH |
| 6407 | 4-474-738-01 | s | GRIP(C) |

## Panel 16XPT (XPT R) Assy-3




| No. | Part No. | SP | Description |
|---|---|---|---|
| 6501 | 3-853-743-04 | s | PLATE,DIFFUSION(12) |
| 6502 | 3-853-744-04 | s | PLATE,DIFFUSION(15) |
| 6503 | 4-145-368-01 | s | CAP (15X) |
| 6504 | 4-145-369-01 | s | CAP (12) |
| 6505 | 4-442-625-01 | s | WINDOW (2.7-1) |
| 6506 | 4-442-626-01 | s | WINDOW (2.7-2) |

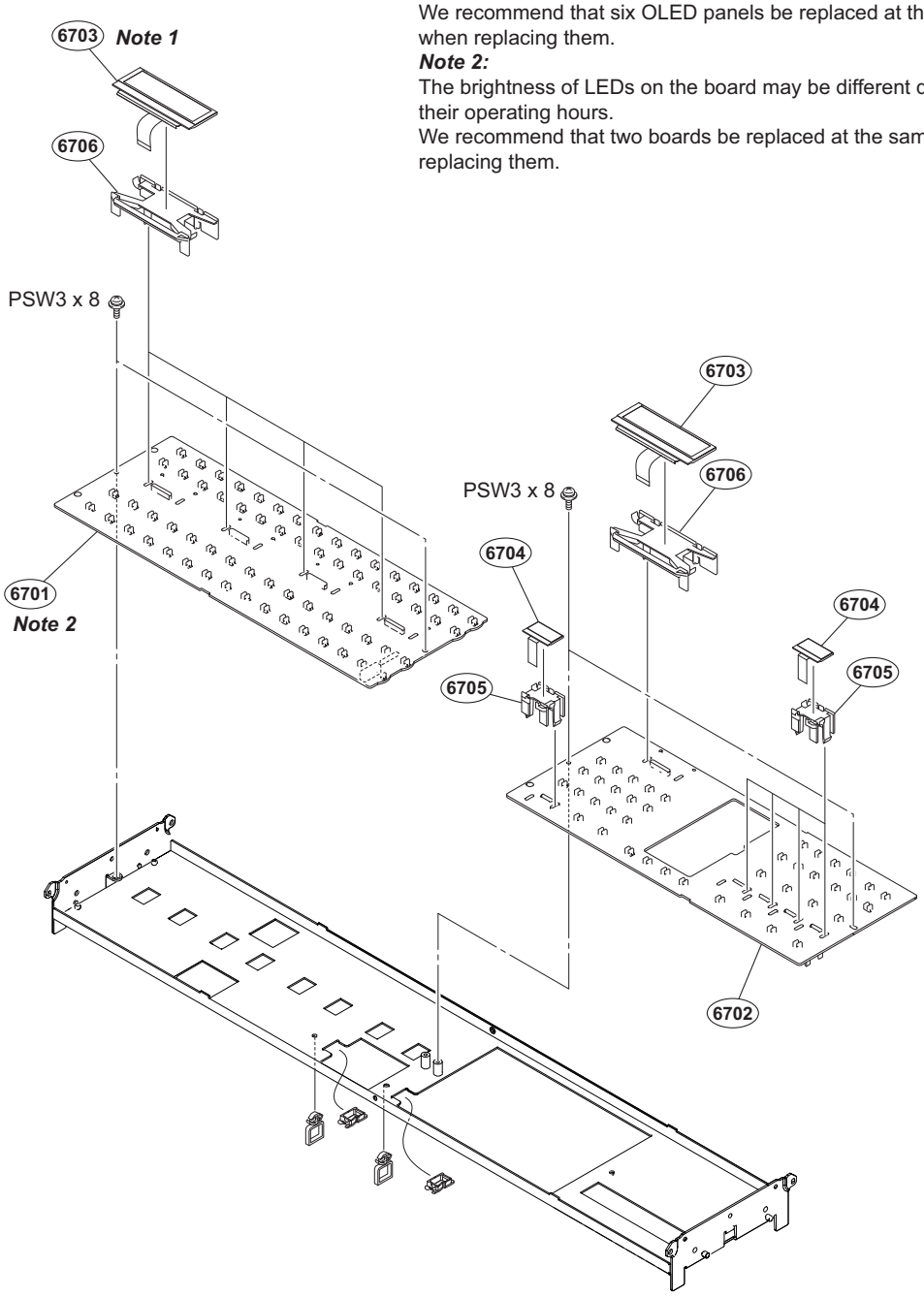
## Panel 16XPT (XPT R) Assy-4




| No. | Part No. | SP | Description |
|---|---|---|---|
| 6601 | A-1904-725-A | s | ASSY, FADER (6500) |
| 6602 | X-2587-734-1 | s | CASE(C12)ASSY,SWITCH |
| 6603 | X-2587-735-1 | s | CASE(C15)ASSY,SWITCH |
| 6604 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 6605 | 1-836-689-11 | s | CABLE, FLEXIBLE FLAT (10 CORE) |
| 6606 | 4-442-496-01 | s | COVER,FADER |
| 6607 | 4-442-499-02 | s | SHEET, DISPLAY |
| 6608 | 4-442-619-31 | s | FORM, SHIELD |
| 6609 | 4-464-995-01 | s | PANEL S(XPT R) |
| 6610 | A-1883-258-A | s | MOUNTED CIRCUIT BOARD, CN-3538 |
| | 7-628-000-05 | s | +PSW 2X6 |
| | 7-682-547-03 | s | SCREW +B 3X6 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

## Panel 16XPT (XPT R) Assy-5

***Note 1:***
The brightness of OLED panels may be different depending on their operating hours.
We recommend that six OLED panels be replaced at the same time when replacing them.
***Note 2:***
The brightness of LEDs on the board may be different depending on their operating hours.
We recommend that two boards be replaced at the same time when replacing them.




| No. | Part No. | SP | Description |
|---|---|---|---|
| 6701 | A-1883-250-A | s | MOUNTED CIRCUIT BOARD, KY-688 |
| 6702 | A-1883-252-A | s | MOUNTED CIRCUIT BOARD, KY-691 |
| 6703 | 1-811-682-11 | s | DISPLAY, OLED (2.7INCH) |
| 6704 | 1-811-683-11 | s | DISPLAY, OLED (0.8INCH) |
| 6705 | 4-442-505-02 | s | OL HOLDER 0.8 |
| 6706 | 4-442-506-03 | s | OL HOLDER2.7 |
| | 7-682-948-01 | s | SCREW +PSW 3X8 |

# 2-3. Electrical Parts List

## AC-235 BOARD

| Ref. No. or Q'ty | | Part No. | SP | Description |
|---|---|---|---|---|
| C101 | ⚠ | 1-117-700-51 | s | CAP, CERAMIC 2200PF E |
| C102 | ⚠ | 1-117-700-51 | s | CAP, CERAMIC 2200PF E |
| C105 | ⚠ | 1-165-530-11 | s | CAP, PETP FILM (ACROSS) 0.47MF |
| C106 | ⚠ | 1-165-529-11 | s | CAP, PETP FILM (ACROSS) 0.22MF |
| C201 | ⚠ | 1-117-700-51 | s | CAP, CERAMIC 2200PF E |
| C202 | ⚠ | 1-117-700-51 | s | CAP, CERAMIC 2200PF E |
| C205 | ⚠ | 1-165-530-11 | s | CAP, PETP FILM (ACROSS) 0.47MF |
| C206 | ⚠ | 1-165-529-11 | s | CAP, PETP FILM (ACROSS) 0.22MF |
| CN102 | ⚠ | 1-691-960-11 | o | PIN, CONNECTOR (PC BOARD) 3P |
| CN202 | ⚠ | 1-580-689-11 | o | PIN, CONNECTOR (PC BOARD) 4P |
| LF101 | ⚠ | 1-419-566-11 | s | COIL, CHOKE(SC-05-10J) |
| LF201 | ⚠ | 1-419-566-11 | s | COIL, CHOKE(SC-05-10J) |
| R101 | ⚠ | 1-240-938-51 | s | RES, (SURGE RESISTANT) 1.5M |
| R201 | ⚠ | 1-240-938-51 | s | RES, (SURGE RESISTANT) 1.5M |

## CA-86 BOARD

| Ref. No. or Q'ty | | Part No. | SP | Description |
|---|---|---|---|---|
| 1pc | | A-1883-249-A | s | MOUNTED CIRCUIT BOARD, CA-86 |
| 1pc | ⚠ | 1-528-174-33 | s | BATTERY, LITHIUM (CR2032 TYPE) |
| 1pc | | 6-718-246-01 | s | IC HMT325S6CFR8C-PBN0 |
| 1pc | ⚠ | 6-719-189-01 | s | IC THNSNB030GMCJ |
| 2pcs | | 7-682-950-01 | s | SCREW +PSW 3X12 |
| C106 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0107 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0108 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C111 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C112 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C113 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C114 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C115 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0201 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0202 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0203 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0204 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0212 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C213 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C214 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C215 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C216 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C217 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C218 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C219 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0301 | | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0302 | | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0303 | | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0304 | | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C0305 | | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C0306 | | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0308 | | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C0309 | | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C0310 | | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0312 | | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C0313 | | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C0314 | | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |

**CA-86 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C0401 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0402 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0403 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0404 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0405 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0406 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0407 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0408 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0409 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0410 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0411 | 1-116-376-11 | s | CAP, AL SOLID ELECT 220MF 105 |
| C0412 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0413 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0414 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0415 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0416 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0417 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0418 | 1-116-376-11 | s | CAP, AL SOLID ELECT 220MF 105 |
| C0419 | 1-116-376-11 | s | CAP, AL SOLID ELECT 220MF 105 |
| C0420 | 1-116-376-11 | s | CAP, AL SOLID ELECT 220MF 105 |
| C0501 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0502 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0503 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0504 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0505 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0506 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0507 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0508 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0509 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C511 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C512 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C513 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C514 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0601 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0602 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0604 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0605 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0607 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0608 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0609 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0610 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0611 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C614 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0701 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0702 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0703 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0704 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0801 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0802 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0803 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0804 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0805 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0806 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0807 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0808 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0809 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0813 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0814 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0815 | 1-100-611-91 | s | CAP, CERAMIC 22MF C (2012) |
| C0816 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0819 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0820 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0821 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0823 | 1-100-611-91 | s | CAP, CERAMIC 22MF C (2012) |
| C0824 | 1-100-611-91 | s | CAP, CERAMIC 22MF C (2012) |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C0825 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0826 | 1-116-737-11 | s | CAP, CERAMIC 1MF X5R 1005 |
| C0827 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0901 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0902 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0903 | 1-114-172-91 | s | CAP, CERAMIC 2.2MF C (1005) |
| C0904 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0905 | 1-114-172-91 | s | CAP, CERAMIC 2.2MF C (1005) |
| C0906 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0907 | 1-114-172-91 | s | CAP, CERAMIC 2.2MF C (1005) |
| C0908 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0909 | 1-116-737-11 | s | CAP, CERAMIC 1MF X5R 1005 |
| C0910 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0911 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0912 | 1-116-737-11 | s | CAP, CERAMIC 1MF X5R 1005 |
| C0915 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0916 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0917 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0918 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0919 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0920 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0921 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0922 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C923 | 1-116-737-11 | s | CAP, CERAMIC 1MF X5R 1005 |
| C924 | 1-116-737-11 | s | CAP, CERAMIC 1MF X5R 1005 |
| C925 | 1-116-737-11 | s | CAP, CERAMIC 1MF X5R 1005 |
| C927 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C928 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C929 | 1-164-874-81 | s | CAP,CHIP CERAMIC 100PF CH 1005 |
| C930 | 1-164-874-81 | s | CAP,CHIP CERAMIC 100PF CH 1005 |
| C931 | 1-164-874-81 | s | CAP,CHIP CERAMIC 100PF CH 1005 |
| C932 | 1-164-874-81 | s | CAP,CHIP CERAMIC 100PF CH 1005 |
| C933 | 1-164-874-81 | s | CAP,CHIP CERAMIC 100PF CH 1005 |
| C934 | 1-164-874-81 | s | CAP,CHIP CERAMIC 100PF CH 1005 |
| C936 | 1-164-874-81 | s | CAP,CHIP CERAMIC 100PF CH 1005 |
| C960 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C961 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C962 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C963 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C964 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C965 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C966 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C967 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1021 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1022 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1023 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1024 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1025 | 1-116-707-11 | s | CAP, CERAMIC 47MF X5R 3216 |
| C1026 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1102 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1106 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1107 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1108 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1110 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1113 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1115 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1116 | 1-116-737-11 | s | CAP, CERAMIC 1MF X5R 1005 |
| C1117 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C1118 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1123 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1124 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1125 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1126 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1127 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C1128 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C1129 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1131 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1132 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1133 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1134 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1135 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1202 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1204 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1207 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1208 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1210 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1213 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1215 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1216 | 1-116-737-11 | s | CAP, CERAMIC 1MF X5R 1005 |
| C1217 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C1218 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1223 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1224 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1225 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1226 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1227 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C1228 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1229 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1230 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1231 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1232 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1233 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1234 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1301 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C1302 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1303 | 1-114-172-91 | s | CAP, CERAMIC 2.2MF C (1005) |
| C1304 | 1-114-172-91 | s | CAP, CERAMIC 2.2MF C (1005) |
| C1305 | 1-116-729-11 | s | CAP, CERAMIC 2.2MF X5R 1608 |
| C1306 | 1-100-965-91 | s | CAP, CERAMIC 0.047MF B (0603 |
| C1307 | 1-116-729-11 | s | CAP, CERAMIC 2.2MF X5R 1608 |
| C1308 | 1-100-965-91 | s | CAP, CERAMIC 0.047MF B (0603 |
| C1309 | 1-114-172-91 | s | CAP, CERAMIC 2.2MF C (1005) |
| C1310 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C1311 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1312 | 1-114-172-91 | s | CAP, CERAMIC 2.2MF C (1005) |
| C1313 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1314 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1315 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1316 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1317 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1318 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1319 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1320 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1321 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1322 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1323 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1324 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1325 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1326 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1327 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1328 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1329 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1330 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1331 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1332 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1333 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1334 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1335 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1336 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1337 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |

## CA-86 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C1338 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1339 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1340 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1341 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1342 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1343 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1344 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1345 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1346 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1347 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1348 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1349 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1350 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1351 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1352 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1353 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1354 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1355 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1356 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1357 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1358 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1359 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1360 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1361 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1362 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1363 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1364 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1365 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1366 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1367 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1368 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1369 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1370 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1371 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1372 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1373 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1374 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1375 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1376 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1377 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1378 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1379 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1380 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1381 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1382 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1383 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1384 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1385 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1386 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1387 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1388 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1389 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1390 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1391 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1392 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1393 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1394 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1395 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1396 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1397 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1398 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1399 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1401 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1402 | 1-114-166-91 | s | CAP, CERAMIC 0.01MF B (0603) |
| C1403 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C1404 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1405 | 1-116-709-11 | s | CAP, CERAMIC 22MF X5R 3225 |
| C1408 | 1-114-813-11 | s | CAP, CERAMIC 1UF X7R 1608 |
| C1409 | 1-114-813-11 | s | CAP, CERAMIC 1UF X7R 1608 |
| C1410 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1411 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1412 | 1-118-026-11 | s | CAP,CERAMIC 0.00047MF X7R 0603 |
| C1413 | 1-128-608-91 | s | CAP, CERAMIC 22PF CH (0603) |
| C1414 | 1-112-692-81 | s | CAP,CHIP CERAMIC1000PF CH 1005 |
| C1415 | 1-114-166-91 | s | CAP, CERAMIC 0.01MF B (0603) |
| C1416 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1417 | 1-116-707-11 | s | CAP, CERAMIC 47MF X5R 3216 |
| C1418 | 1-116-707-11 | s | CAP, CERAMIC 47MF X5R 3216 |
| C1419 | 1-116-707-11 | s | CAP, CERAMIC 47MF X5R 3216 |
| C1420 | 1-116-707-11 | s | CAP, CERAMIC 47MF X5R 3216 |
| C1421 | 1-116-707-11 | s | CAP, CERAMIC 47MF X5R 3216 |
| C1432 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1433 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1434 | 1-112-560-91 | s | CAP, CERAMIC 0.022MF B (0603) |
| C1435 | 1-112-560-91 | s | CAP, CERAMIC 0.022MF B (0603) |
| C1436 | 1-116-707-11 | s | CAP, CERAMIC 47MF X5R 3216 |
| C1437 | 1-116-103-11 | s | CAP, ELECT 470MF 105 |
| C1438 | 1-116-103-11 | s | CAP, ELECT 470MF 105 |
| C1439 | 1-116-103-11 | s | CAP, ELECT 470MF 105 |
| C1440 | 1-116-103-11 | s | CAP, ELECT 470MF 105 |
| C1441 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C1446 | 1-125-989-21 | s | CAP, ELECT 220MF 10X10 |
| C1447 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1448 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1449 | 1-125-989-21 | s | CAP, ELECT 220MF 10X10 |
| C1450 | 1-114-813-11 | s | CAP, CERAMIC 1UF X7R 1608 |
| C1451 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1452 | 1-128-992-21 | s | CAP, ELECT 47MF (6.6X5.5) |
| C1453 | 1-116-709-11 | s | CAP, CERAMIC 22MF X5R 3225 |
| C1454 | 1-116-709-11 | s | CAP, CERAMIC 22MF X5R 3225 |
| C1455 | 1-116-707-11 | s | CAP, CERAMIC 47MF X5R 3216 |
| C1456 | 1-114-728-91 | o | CAP, CERAMIC 22MF B 3216 |
| C1457 | 1-114-728-91 | o | CAP, CERAMIC 22MF B 3216 |
| C1458 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C1459 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C1460 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C1461 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C1515 | 1-164-882-81 | s | CAP,CHIP CERAMIC 220PF CH 1005 |
| C1516 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C1517 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C1521 | 1-118-040-11 | s | CAP, CERAMIC 2.2MF X5R (1608) |
| C1524 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1525 | 1-114-728-91 | o | CAP, CERAMIC 22MF B 3216 |
| C1526 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1527 | 1-131-661-21 | s | CAP, CHIP ELECT 100MF(6.3X5.7) |
| C1528 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1529 | 1-164-882-81 | s | CAP,CHIP CERAMIC 220PF CH 1005 |
| C1530 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C1531 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C1532 | 1-118-040-11 | s | CAP, CERAMIC 2.2MF X5R (1608) |
| C1533 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1534 | 1-114-728-91 | o | CAP, CERAMIC 22MF B 3216 |
| C1535 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1536 | 1-131-661-21 | s | CAP, CHIP ELECT 100MF(6.3X5.7) |
| C1537 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1538 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1539 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1540 | 1-164-882-81 | s | CAP,CHIP CERAMIC 220PF CH 1005 |
| C1541 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C1542 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C1543 | 1-118-040-11 | s | CAP, CERAMIC 2.2MF X5R (1608) |
| C1544 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1545 | 1-114-728-91 | o | CAP, CERAMIC 22MF B 3216 |
| C1546 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1547 | 1-131-661-21 | s | CAP, CHIP ELECT 100MF(6.3X5.7) |
| C1548 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1549 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C1550 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C1551 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C1552 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C1601 | 1-164-882-81 | s | CAP,CHIP CERAMIC 220PF CH 1005 |
| C1602 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C1603 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C1604 | 1-118-040-11 | s | CAP, CERAMIC 2.2MF X5R (1608) |
| C1605 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1606 | 1-114-728-91 | o | CAP, CERAMIC 22MF B 3216 |
| C1607 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1608 | 1-164-882-81 | s | CAP,CHIP CERAMIC 220PF CH 1005 |
| C1609 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C1610 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C1611 | 1-118-040-11 | s | CAP, CERAMIC 2.2MF X5R (1608) |
| C1612 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1613 | 1-116-709-11 | s | CAP, CERAMIC 22MF X5R 3225 |
| C1614 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1615 | 1-118-026-11 | s | CAP,CERAMIC 0.00047MF X7R 0603 |
| C1616 | 1-118-029-11 | s | CAP,CERAMIC 0.0022MF X5R(0603) |
| C1617 | 1-128-628-91 | s | CAP, CERAMIC 2200PF B (0603) |
| C1618 | 1-116-705-11 | s | CAP, CERAMIC 47MF X5R 3225 |
| C1619 | 1-116-705-11 | s | CAP, CERAMIC 47MF X5R 3225 |
| C1621 | 1-128-992-21 | s | CAP, ELECT 47MF (6.6X5.5) |
| C1622 | 1-116-709-11 | s | CAP, CERAMIC 22MF X5R 3225 |
| C1623 | 1-131-661-21 | s | CAP, CHIP ELECT 100MF(6.3X5.7) |
| C1624 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1625 | 1-131-661-21 | s | CAP, CHIP ELECT 100MF(6.3X5.7) |
| C1626 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1627 | 1-116-705-11 | s | CAP, CERAMIC 47MF X5R 3225 |
| C1628 | 1-116-103-11 | s | CAP, ELECT 470MF 105 |
| C1629 | 1-116-709-11 | s | CAP, CERAMIC 22MF X5R 3225 |
| C1701 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1702 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1703 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1704 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1705 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1706 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1707 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1708 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1709 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1710 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1711 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1712 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1713 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1714 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1715 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1716 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1717 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1718 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C1725 | 1-125-989-21 | s | CAP, ELECT 220MF 10X10 |
| C1726 | 1-125-989-21 | s | CAP, ELECT 220MF 10X10 |
| C1801 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1802 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1803 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1804 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1805 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1806 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1807 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C1808 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1809 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1810 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1814 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1815 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1816 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1817 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1818 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1819 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1820 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1821 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1822 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1823 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1824 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1825 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1826 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1827 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1828 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1829 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1831 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1832 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1833 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1834 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1835 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1836 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1837 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1838 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1901 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1902 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1903 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1904 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1905 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1906 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C1907 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2001 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2010 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2011 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2012 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2015 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2016 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2017 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2018 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2019 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2020 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2021 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2022 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2023 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2024 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2025 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2101 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2102 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2103 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2104 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2105 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2106 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2107 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2108 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2109 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2110 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2111 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2112 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2113 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2114 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2115 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2116 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C2117 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2118 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2119 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2120 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2121 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2122 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2123 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2124 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2125 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2126 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2127 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2128 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2129 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2130 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2131 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2132 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2133 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2134 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2135 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2136 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2137 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2138 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2139 | 1-112-692-81 | s | CAP,CHIP CERAMIC1000PF CH 1005 |
| C2145 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C2146 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2147 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C2148 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C2201 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2202 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2203 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2204 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2205 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2206 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2207 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2208 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2209 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2210 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2211 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2212 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2213 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2214 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2215 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2216 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2217 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2218 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2219 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2220 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2221 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2222 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2223 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2224 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2225 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2226 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2227 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2228 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2229 | 1-114-728-91 | o | CAP, CERAMIC 22MF B 3216 |
| C2232 | 1-116-376-11 | s | CAP, AL SOLID ELECT 220MF 105 |
| C2233 | 1-114-728-91 | o | CAP, CERAMIC 22MF B 3216 |
| C2234 | 1-116-705-11 | s | CAP, CERAMIC 47MF X5R 3225 |
| C2235 | 1-116-705-11 | s | CAP, CERAMIC 47MF X5R 3225 |
| C2236 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2237 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2238 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2239 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2240 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |

## CA-86 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C2241 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2242 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2243 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2244 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2245 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2246 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2247 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2248 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2249 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2250 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2251 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2252 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2253 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2254 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2255 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2256 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2257 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2258 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2259 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2260 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2261 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2262 | 1-116-376-11 | s | CAP, AL SOLID ELECT 220MF 105 |
| C2263 | 1-114-728-91 | o | CAP, CERAMIC 22MF B 3216 |
| C2264 | 1-114-728-91 | o | CAP, CERAMIC 22MF B 3216 |
| C2265 | 1-114-728-91 | o | CAP, CERAMIC 22MF B 3216 |
| C2266 | 1-116-705-11 | s | CAP, CERAMIC 47MF X5R 3225 |
| C2267 | 1-114-728-91 | o | CAP, CERAMIC 22MF B 3216 |
| C2268 | 1-114-728-91 | o | CAP, CERAMIC 22MF B 3216 |
| C2269 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2270 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2271 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2272 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2273 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C2274 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C2275 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C2276 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C2277 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2278 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2302 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2303 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C2304 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2305 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C2306 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2307 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2308 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C2309 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2310 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2311 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C2312 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2313 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2314 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2400 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2406 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2407 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2461 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2462 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2463 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2464 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2467 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2468 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2469 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2470 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2471 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2472 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2473 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |

## CA-86 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C2474 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2475 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2476 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2477 | 1-116-729-11 | s | CAP, CERAMIC 2.2MF X5R 1608 |
| C2478 | 1-116-729-11 | s | CAP, CERAMIC 2.2MF X5R 1608 |
| C2479 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2480 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2481 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2482 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2483 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2484 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2485 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2486 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2487 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| C2488 | 1-112-716-91 | s | CAP, CERAMIC 0.1UF B (0603) |
| CN001 | 1-770-627-21 | s | PIN, CONNECTOR 10P |
| CN002 | 1-784-254-21 | s | CONNECTOR 10P |
| CN0101 | 1-774-730-21 | s | PIN, CONNECTOR (PC BOARD) 3P |
| CN109 | 1-568-063-11 | o | HEADER, CONNECTOR 16P |
| CN0801 | 1-817-074-12 | s | DVI CONNECTOR |
| CN0901 | 1-820-944-21 | s | CONNECTOR, SD CARD |
| CN0902 | 1-817-109-11 | s | CONNECTOR, USB (A) |
| CN0903 | 1-817-109-11 | s | CONNECTOR, USB (A) |
| CN0904 | 1-817-109-11 | s | CONNECTOR, USB (A) |
| CN0905 | 1-817-109-11 | s | CONNECTOR, USB (A) |
| CN1001 | 1-820-010-11 | s | CONNECTOR, CARD EDGE |
| CN1101 | 1-821-090-11 | s | MODULAR JACK(LOW PROFILE GIGA) |
| CN1201 | 1-821-090-11 | s | MODULAR JACK(LOW PROFILE GIGA) |
| CN1401 | 1-691-757-11 | s | PIN, CONNECTOR (PC BOARD) 8P |
| CN1402 | 1-770-291-11 | o | PIN, CONNECTOR (PC BOARD) 7P |
| CN1403 | 1-691-550-21 | s | PIN, CONNECTOR (1.5MM)(SMD) 3P |
| CN1701 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN1702 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN1703 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN1704 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN1705 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN1706 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN1801 | 1-691-591-21 | o | PIN, CONNECTOR (1.5MM) (SMD)8P |
| D001 | 6-501-124-01 | s | DIODE RSX101VA-30TR |
| D002 | 6-501-124-01 | s | DIODE RSX101VA-30TR |
| D003 | 6-501-124-01 | s | DIODE RSX101VA-30TR |
| D004 | 6-501-124-01 | s | DIODE RSX101VA-30TR |
| D201 | 8-719-069-28 | s | DI 1SS400FJTE61 |
| D0801 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0802 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0803 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0804 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D805 | 8-719-069-28 | s | DI 1SS400FJTE61 |
| D0901 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0902 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0903 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0904 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0905 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0906 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0907 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0908 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0909 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0910 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0911 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0912 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0913 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0914 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0915 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D0916 | 6-502-949-01 | s | DI RSAC6.8CST2RA |

## CA-86 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| D1401 | 8-719-084-83 | s | DIODE KCQ60A06 |
| D1402 | 8-719-084-83 | s | DIODE KCQ60A06 |
| D1403 | 8-719-048-98 | s | DIODE RB160L-40TE25 |
| D1404 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D1405 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D1406 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D1502 | 6-501-124-01 | s | DIODE RSX101VA-30TR |
| D1503 | 6-501-124-01 | s | DIODE RSX101VA-30TR |
| D1504 | 6-501-124-01 | s | DIODE RSX101VA-30TR |
| D1601 | 6-501-124-01 | s | DIODE RSX101VA-30TR |
| D1602 | 6-501-124-01 | s | DIODE RSX101VA-30TR |
| D1801 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D1802 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D1803 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D1804 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D2301 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D2302 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D2303 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D2304 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| E001 | 1-535-757-21 | s | CHIP, CHECKER |
| E002 | 1-535-757-21 | s | CHIP, CHECKER |
| E003 | 1-535-757-21 | s | CHIP, CHECKER |
| E004 | 1-535-757-21 | s | CHIP, CHECKER |
| E005 | 1-535-757-21 | s | CHIP, CHECKER |
| E006 | 1-535-757-21 | s | CHIP, CHECKER |
| E007 | 1-535-757-21 | s | CHIP, CHECKER |
| E008 | 1-535-757-21 | s | CHIP, CHECKER |
| E009 | 1-535-757-21 | s | CHIP, CHECKER |
| E010 | 1-535-757-21 | s | CHIP, CHECKER |
| E011 | 1-535-757-21 | s | CHIP, CHECKER |
| E012 | 1-535-757-21 | s | CHIP, CHECKER |
| E1401 | 1-535-757-21 | s | CHIP, CHECKER |
| ET1001 | 1-822-059-11 | s | CONNECTOR, CARD EDGE (STUD) |
| ET1002 | 1-822-059-11 | s | CONNECTOR, CARD EDGE (STUD) |
| F1401 | ⚠ 1-576-329-21 | s | FUSE (SMD) (10A/125V) |
| F1701 | ⚠ 1-533-627-21 | s | FUSE (SMD) (5A/125V) |
| F1702 | ⚠ 1-533-627-21 | s | FUSE (SMD) (5A/125V) |
| F1703 | ⚠ 1-533-627-21 | s | FUSE (SMD) (5A/125V) |
| F1704 | ⚠ 1-533-627-21 | s | FUSE (SMD) (5A/125V) |
| F1705 | ⚠ 1-533-627-21 | s | FUSE (SMD) (5A/125V) |
| F1706 | ⚠ 1-533-627-21 | s | FUSE (SMD) (5A/125V) |
| F1711 | ⚠ 1-533-627-21 | s | FUSE (SMD) (5A/125V) |
| F1712 | ⚠ 1-533-627-21 | s | FUSE (SMD) (5A/125V) |
| F1713 | ⚠ 1-533-627-21 | s | FUSE (SMD) (5A/125V) |
| F1714 | ⚠ 1-533-627-21 | s | FUSE (SMD) (5A/125V) |
| F1715 | ⚠ 1-533-627-21 | s | FUSE (SMD) (5A/125V) |
| F1716 | ⚠ 1-533-627-21 | s | FUSE (SMD) (5A/125V) |
| FB501 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB502 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB503 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB504 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB505 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB506 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB507 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB508 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB509 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB510 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB601 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB602 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB603 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB604 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB801 | 1-481-361-21 | s | FERRITE, EMI (SMD) |

## CA-86 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| FB802 | 1-481-361-21 | s | FERRITE, EMI (SMD) |
| FB0803 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB804 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB901 | 1-469-324-21 | s | FERRITE, EMI (SMD) (2012) |
| FB902 | 1-469-324-21 | s | FERRITE, EMI (SMD) (2012) |
| FB903 | 1-469-324-21 | s | FERRITE, EMI (SMD) (2012) |
| FB904 | 1-469-324-21 | s | FERRITE, EMI (SMD) (2012) |
| FB1401 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB1402 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB1501 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB1502 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB2202 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB2203 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB2204 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| FB2205 | 1-469-094-21 | s | FERRITE, EMI (SMD) (1608) |
| IC101 | 6-705-514-01 | s | IC MAX3222IPWR |
| IC102 | 6-707-842-01 | s | IC TC74LCX08FT(EKJ) |
| IC103 | 6-708-301-01 | s | IC LTC4300A-2CMS8#TR |
| IC201 | 6-704-600-01 | s | IC M24C02-WMN6T(B) |
| IC202 | 6-718-748-01 | s | IC DS3232S |
| IC203 | 6-714-192-01 | s | IC ADT75BRMZ-REEL |
| IC204 | 6-704-600-01 | s | IC M24C02-WMN6T(B) |
| IC301 | 6-714-608-01 | s | IC TPS51200DRCR |
| IC501 | 6-718-447-01 | s | IC ICS8304AMLFT |
| IC502 | 6-718-447-01 | s | IC ICS8304AMLFT |
| IC503 | 6-718-448-01 | s | IC ICS307M-02LFT |
| IC504 | 6-718-448-01 | s | IC ICS307M-02LFT |
| IC506 | 6-718-447-01 | s | IC ICS8304AMLFT |
| IC601 | 6-718-446-01 | s | IC ICS9FG108DGLFT |
| IC603 | 6-718-447-01 | s | IC ICS8304AMLFT |
| IC801 | 6-705-032-01 | s | IC TC74VCX162827(EL,F |
| IC802 | 6-705-032-01 | s | IC TC74VCX162827(EL,F |
| IC803 | 6-704-195-01 | s | IC TFP410PAP |
| IC902 | 6-717-044-01 | o | IC USB2514B-AEZG-TR |
| IC903 | 6-718-023-01 | s | IC TPS2044BDR |
| IC905 | 6-707-884-01 | s | IC TC74VHCT04AFT(EKJ) |
| IC1401 | 8-759-437-39 | s | IC MB3771PF-ER |
| IC1402 | 8-759-437-39 | s | IC MB3771PF-ER |
| IC1405 | 6-704-641-01 | s | IC R3112N111A-TR-FE |
| IC1406 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC1407 | 8-759-338-95 | s | IC NJM2903V(TE2) |
| IC1408 | 6-713-105-01 | s | IC 74HC3G14DP/S470 |
| IC1409 | 8-759-492-38 | s | IC LM2941CSX |
| IC1505 | 6-715-843-01 | s | IC LTC3605EUF#TR |
| IC1507 | 6-715-843-01 | s | IC LTC3605EUF#TR |
| IC1508 | 6-708-325-01 | s | IC R3112N091A-TR-FE |
| IC1509 | 6-704-565-01 | s | IC R3112N161A-TR-FE |
| IC1510 | 6-715-843-01 | s | IC LTC3605EUF#TR |
| IC1601 | 6-715-843-01 | s | IC LTC3605EUF#TR |
| IC1602 | 6-715-843-01 | s | IC LTC3605EUF#TR |
| IC1801 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC1802 | 6-713-105-01 | s | IC 74HC3G14DP/S470 |
| IC1803 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC1901 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC1902 | 6-707-849-01 | s | IC TC74LCX244FT(EKJ) |
| IC1903 | 6-707-849-01 | s | IC TC74LCX244FT(EKJ) |
| IC1904 | 6-707-849-01 | s | IC TC74LCX244FT(EKJ) |
| IC1905 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC2003 | 6-707-849-01 | s | IC TC74LCX244FT(EKJ) |
| IC2004 | 6-713-821-01 | s | IC EPCS16SI8N(AMK) |
| IC2104 | 6-714-608-01 | s | IC TPS51200DRCR |
| IC2303 | 6-712-872-01 | s | IC SN65LVDS31PWR |
| IC2305 | 6-712-872-01 | s | IC SN65LVDS31PWR |
| IC2306 | 6-712-872-01 | s | IC SN65LVDS31PWR |
| IC2307 | 6-712-872-01 | s | IC SN65LVDS31PWR |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| IC2308 | 6-707-849-01 | s | IC TC74LCX244FT(EKJ) |
| JC0101 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC0102 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC0103 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC0104 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC0105 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC0106 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC0107 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC201 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC0301 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| JC0302 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| JC0303 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| JC0304 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| JC305 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| JC0401 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| JC0604 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC0605 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC0606 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC0607 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC0608 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC0801 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC0901 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC1106 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| JC1107 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| JC1206 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| JC1207 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| JC1301 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| JC1302 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| JC1303 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| JC1402 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| JC1801 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC1901 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC1902 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC1903 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC1904 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC1905 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC1906 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC1907 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC1908 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| L001 | 1-813-308-11 | o | COMMON MODE CHOKE |
| L002 | 1-813-308-11 | o | COMMON MODE CHOKE |
| L003 | 1-813-308-11 | o | COMMON MODE CHOKE |
| L004 | 1-813-308-11 | o | COMMON MODE CHOKE |
| L0601 | 1-457-412-11 | s | INDUCTOR (WIREWOUND) 10UH |
| L0602 | 1-457-412-11 | s | INDUCTOR (WIREWOUND) 10UH |
| L901 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L1001 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L1101 | 1-457-412-11 | s | INDUCTOR (WIREWOUND) 10UH |
| L1201 | 1-457-412-11 | s | INDUCTOR (WIREWOUND) 10UH |
| L1401 | 1-469-555-21 | s | INDUCTOR, CHIP 10UH (LB2016) |
| L1402 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L1403 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L1502 | 1-457-439-11 | s | CHOKE COIL (SMD) 4.7UH |
| L1503 | 1-457-439-11 | s | CHOKE COIL (SMD) 4.7UH |
| L1504 | 1-457-526-11 | s | INDUCTOR (2.2UH) |
| L1505 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L1506 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L1601 | 1-457-439-11 | s | CHOKE COIL (SMD) 4.7UH |
| L1602 | 1-457-439-11 | s | CHOKE COIL (SMD) 4.7UH |
| L1801 | 1-457-836-11 | s | CHOKE COIL 10UH |
| LF001 | 1-400-814-21 | s | COIL, CHOKE |
| LF002 | 1-400-814-21 | s | COIL, CHOKE |
| LF003 | 1-400-814-21 | s | COIL, CHOKE |
| LF004 | 1-400-814-21 | s | COIL, CHOKE |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| LF005 | 1-400-814-21 | s | COIL, CHOKE |
| LF006 | 1-400-814-21 | s | COIL, CHOKE |
| LF007 | 1-400-814-21 | s | COIL, CHOKE |
| LF008 | 1-400-814-21 | s | COIL, CHOKE |
| LF009 | 1-400-814-21 | s | COIL, CHOKE |
| LF010 | 1-400-814-21 | s | COIL, CHOKE |
| LF011 | 1-400-814-21 | s | COIL, CHOKE |
| LF012 | 1-400-814-21 | s | COIL, CHOKE |
| LF013 | 1-400-814-21 | s | COIL, CHOKE |
| LF014 | 1-400-814-21 | s | COIL, CHOKE |
| LF015 | 1-400-814-21 | s | COIL, CHOKE |
| LF016 | 1-400-814-21 | s | COIL, CHOKE |
| LF017 | 1-400-814-21 | s | COIL, CHOKE |
| LF018 | 1-400-814-21 | s | COIL, CHOKE |
| LF019 | 1-400-814-21 | s | COIL, CHOKE |
| LF020 | 1-400-814-21 | s | COIL, CHOKE |
| LF021 | 1-400-814-21 | s | COIL, CHOKE |
| LF022 | 1-400-814-21 | s | COIL, CHOKE |
| LF023 | 1-400-814-21 | s | COIL, CHOKE |
| LF024 | 1-400-814-21 | s | COIL, CHOKE |
| LF901 | 1-456-826-11 | s | COIL, COMMON MODE CHOKE |
| LF902 | 1-456-826-11 | s | COIL, COMMON MODE CHOKE |
| PS001 | ⚠ 1-533-539-21 | s | RINK, IC (0.52A/72V) |
| Q301 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q302 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q801 | 8-729-929-27 | s | TRANSISTOR DTC114TE-TL |
| Q802 | 8-729-929-27 | s | TRANSISTOR DTC114TE-TL |
| Q1401 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1402 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1403 | 6-550-631-01 | s | TRANSISTOR 2SA1797-T100-Q |
| Q1404 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1405 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1406 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1407 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1408 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1409 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1410 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1411 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1507 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1508 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1509 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1510 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1511 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1512 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1601 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1602 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1603 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1604 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1605 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1801 | 8-729-928-37 | s | TRANSISTOR DTA114EE-TL |
| Q1802 | 8-729-928-37 | s | TRANSISTOR DTA114EE-TL |
| Q1803 | 8-729-928-37 | s | TRANSISTOR DTA114EE-TL |
| Q1805 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q1806 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q2101 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q2102 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q2301 | 8-729-928-37 | s | TRANSISTOR DTA114EE-TL |
| Q2302 | 8-729-928-37 | s | TRANSISTOR DTA114EE-TL |
| Q2303 | 8-729-928-37 | s | TRANSISTOR DTA114EE-TL |
| Q2304 | 8-729-928-37 | s | TRANSISTOR DTA114EE-TL |
| Q2305 | 8-729-928-37 | s | TRANSISTOR DTA114EE-TL |
| Q2306 | 8-729-928-37 | s | TRANSISTOR DTA114EE-TL |
| Q2307 | 8-729-928-37 | s | TRANSISTOR DTA114EE-TL |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| Q2308 | 8-729-928-37 | s | TRANSISTOR DTA114EE-TL |
| R0101 | 1-218-941-81 | s | RES, CHIP 100 |
| R0102 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0103 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0104 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0105 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0106 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0107 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0108 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0109 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0110 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0111 | 1-240-707-91 | s | RES, CHIP 10K (0603) |
| R0112 | 1-218-947-81 | s | RES, CHIP 330 |
| R0113 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0114 | 1-240-707-91 | s | RES, CHIP 10K (0603) |
| R0115 | 1-218-947-81 | s | RES, CHIP 330 |
| R0116 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0117 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0118 | 1-218-973-81 | s | RES, CHIP 47K |
| R0119 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0120 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0121 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0122 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0123 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0124 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0125 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0126 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R0127 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0129 | 1-240-707-91 | s | RES, CHIP 10K (0603) |
| R0131 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R0133 | 1-218-947-81 | s | RES, CHIP 330 |
| R0134 | 1-218-947-81 | s | RES, CHIP 330 |
| R0135 | 1-218-947-81 | s | RES, CHIP 330 |
| R0136 | 1-218-947-81 | s | RES, CHIP 330 |
| R0137 | 1-218-947-81 | s | RES, CHIP 330 |
| R0138 | 1-218-947-81 | s | RES, CHIP 330 |
| R0139 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R0140 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R0141 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R0142 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R0143 | 1-218-933-81 | s | RES, CHIP 22 |
| R0144 | 1-218-933-81 | s | RES, CHIP 22 |
| R145 | 1-218-933-81 | s | RES, CHIP 22 |
| R146 | 1-218-933-81 | s | RES, CHIP 22 |
| R147 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R0148 | 1-240-707-91 | s | RES, CHIP 10K (0603) |
| R149 | 1-240-707-91 | s | RES, CHIP 10K (0603) |
| R150 | 1-240-707-91 | s | RES, CHIP 10K (0603) |
| R151 | 1-240-707-91 | s | RES, CHIP 10K (0603) |
| R152 | 1-240-707-91 | s | RES, CHIP 10K (0603) |
| R153 | 1-240-707-91 | s | RES, CHIP 10K (0603) |
| R0201 | 1-208-863-81 | s | RES, CHIP 100 (1005) |
| R0202 | 1-208-863-81 | s | RES, CHIP 100 (1005) |
| R0203 | 1-208-863-81 | s | RES, CHIP 100 (1005) |
| R207 | 1-220-261-91 | s | RES,SQUARE TYPE CHIP 470(3225) |
| R208 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R209 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R213 | 1-250-471-11 | s | RES, METAL FILM CHIP 100(1005) |
| R0301 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R0303 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R0304 | 1-250-471-11 | s | RES, METAL FILM CHIP 100(1005) |
| R0313 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R0314 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R0315 | 1-250-471-11 | s | RES, METAL FILM CHIP 100(1005) |
| R0327 | 1-244-161-81 | s | RES, CHIP 2.2 (1005) |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R0328 | 1-244-161-81 | s | RES, CHIP 2.2 (1005) |
| R0329 | 1-244-161-81 | s | RES, CHIP 2.2 (1005) |
| R0330 | 1-244-161-81 | s | RES, CHIP 2.2 (1005) |
| R0331 | 1-244-161-81 | s | RES, CHIP 2.2 (1005) |
| R0332 | 1-244-161-81 | s | RES, CHIP 2.2 (1005) |
| R0333 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R0334 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R0335 | 1-218-929-81 | s | RES, CHIP 10 |
| R0336 | 1-218-973-81 | s | RES, CHIP 47K |
| R337 | 1-218-973-81 | s | RES, CHIP 47K |
| R338 | 1-218-973-81 | s | RES, CHIP 47K |
| R0401 | 1-218-973-81 | s | RES, CHIP 47K |
| R0501 | 1-218-973-81 | s | RES, CHIP 47K |
| R0502 | 1-218-973-81 | s | RES, CHIP 47K |
| R0503 | 1-218-973-81 | s | RES, CHIP 47K |
| R0505 | 1-218-933-81 | s | RES, CHIP 22 |
| R0506 | 1-218-933-81 | s | RES, CHIP 22 |
| R0507 | 1-218-933-81 | s | RES, CHIP 22 |
| R0508 | 1-218-933-81 | s | RES, CHIP 22 |
| R0509 | 1-218-933-81 | s | RES, CHIP 22 |
| R0510 | 1-218-933-81 | s | RES, CHIP 22 |
| R0511 | 1-218-933-81 | s | RES, CHIP 22 |
| R512 | 1-218-933-81 | s | RES, CHIP 22 |
| R515 | 1-218-933-81 | s | RES, CHIP 22 |
| R516 | 1-218-933-81 | s | RES, CHIP 22 |
| R0517 | 1-218-973-81 | s | RES, CHIP 47K |
| R0518 | 1-218-973-81 | s | RES, CHIP 47K |
| R0601 | 1-218-973-81 | s | RES, CHIP 47K |
| R0602 | 1-218-973-81 | s | RES, CHIP 47K |
| R0604 | 1-218-933-81 | s | RES, CHIP 22 |
| R0605 | 1-218-933-81 | s | RES, CHIP 22 |
| R0609 | 1-218-933-81 | s | RES, CHIP 22 |
| R0610 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0611 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0612 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0613 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0614 | 1-218-933-81 | s | RES, CHIP 22 |
| R0615 | 1-218-933-81 | s | RES, CHIP 22 |
| R0616 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0617 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0618 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0619 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0620 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0621 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0622 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0623 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0624 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0625 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0626 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0627 | 1-240-753-91 | s | RES, CHIP 51 (0603) |
| R0628 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R0629 | 1-250-487-11 | s | RES, METAL FILM CHIP 470(1005) |
| R0630 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R0631 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R634 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| R635 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R636 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R0703 | 1-218-947-81 | s | RES, CHIP 330 |
| R0704 | 1-218-947-81 | s | RES, CHIP 330 |
| R0705 | 1-218-947-81 | s | RES, CHIP 330 |
| R0706 | 1-218-947-81 | s | RES, CHIP 330 |
| R0707 | 1-218-947-81 | s | RES, CHIP 330 |
| R0708 | 1-218-947-81 | s | RES, CHIP 330 |
| R0709 | 1-218-947-81 | s | RES, CHIP 330 |
| R0710 | 1-218-947-81 | s | RES, CHIP 330 |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R0711 | 1-218-947-81 | s | RES, CHIP 330 |
| R0712 | 1-218-947-81 | s | RES, CHIP 330 |
| R0713 | 1-218-947-81 | s | RES, CHIP 330 |
| R0714 | 1-218-947-81 | s | RES, CHIP 330 |
| R0715 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R0718 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0719 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0720 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0721 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0722 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0723 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0724 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0725 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0726 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R0727 | 1-218-947-81 | s | RES, CHIP 330 |
| R0728 | 1-218-947-81 | s | RES, CHIP 330 |
| R0729 | 1-218-947-81 | s | RES, CHIP 330 |
| R0730 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0731 | 1-218-947-81 | s | RES, CHIP 330 |
| R0732 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0733 | 1-218-947-81 | s | RES, CHIP 330 |
| R0734 | 1-218-929-81 | s | RES, CHIP 10 |
| R0735 | 1-218-929-81 | s | RES, CHIP 10 |
| R0736 | 1-218-929-81 | s | RES, CHIP 10 |
| R0737 | 1-218-929-81 | s | RES, CHIP 10 |
| R0738 | 1-218-929-81 | s | RES, CHIP 10 |
| R0739 | 1-218-929-81 | s | RES, CHIP 10 |
| R0740 | 1-218-929-81 | s | RES, CHIP 10 |
| R0741 | 1-218-929-81 | s | RES, CHIP 10 |
| R0742 | 1-218-929-81 | s | RES, CHIP 10 |
| R0743 | 1-218-947-81 | s | RES, CHIP 330 |
| R0744 | 1-218-947-81 | s | RES, CHIP 330 |
| R0745 | 1-218-947-81 | s | RES, CHIP 330 |
| R0746 | 1-218-947-81 | s | RES, CHIP 330 |
| R0747 | 1-218-947-81 | s | RES, CHIP 330 |
| R0750 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R0751 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R0802 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R0804 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R0805 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R0806 | 1-218-929-81 | s | RES, CHIP 10 |
| R0807 | 1-218-929-81 | s | RES, CHIP 10 |
| R0808 | 1-218-929-81 | s | RES, CHIP 10 |
| R0809 | 1-218-929-81 | s | RES, CHIP 10 |
| R0810 | 1-218-929-81 | s | RES, CHIP 10 |
| R0811 | 1-218-929-81 | s | RES, CHIP 10 |
| R0812 | 1-218-929-81 | s | RES, CHIP 10 |
| R0813 | 1-218-929-81 | s | RES, CHIP 10 |
| R0814 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R0815 | 1-242-967-81 | s | RES, CHIP 1.0 (1005) |
| R0816 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R0817 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R0818 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R0819 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R0820 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R0902 | 1-218-947-81 | s | RES, CHIP 330 |
| R0903 | 1-218-947-81 | s | RES, CHIP 330 |
| R0904 | 1-218-947-81 | s | RES, CHIP 330 |
| R0905 | 1-218-947-81 | s | RES, CHIP 330 |
| R0906 | 1-218-933-81 | s | RES, CHIP 22 |
| R0907 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0908 | 1-218-959-81 | s | RES, CHIP 3.3K |
| R0909 | 1-250-465-11 | o | RES, METAL FILM CHIP 56 (1005) |
| R0911 | 1-250-521-11 | s | RES, METAL FILM CHIP 12K(1005) |
| R0912 | 1-218-977-81 | s | RES, CHIP 100K |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R0913 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R0914 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R0915 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R0916 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R0917 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R0918 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R0919 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R0920 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R0921 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R0923 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R924 | 1-218-977-81 | s | RES, CHIP 100K |
| R925 | 1-218-977-81 | s | RES, CHIP 100K |
| R926 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R0932 | 1-240-707-91 | s | RES, CHIP 10K (0603) |
| R0933 | 1-240-707-91 | s | RES, CHIP 10K (0603) |
| R942 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R943 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R944 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R945 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R946 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R947 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R948 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R949 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R1003 | 1-208-863-81 | s | RES, CHIP 100 (1005) |
| R1004 | 1-208-863-81 | s | RES, CHIP 100 (1005) |
| R1005 | 1-208-863-81 | s | RES, CHIP 100 (1005) |
| R1015 | 1-218-947-81 | s | RES, CHIP 330 |
| R1101 | 1-218-947-81 | s | RES, CHIP 330 |
| R1102 | 1-218-947-81 | s | RES, CHIP 330 |
| R1103 | 1-218-947-81 | s | RES, CHIP 330 |
| R1104 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1105 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1106 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1107 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1108 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1125 | 1-240-691-91 | s | RES, CHIP 470 (0603) |
| R1126 | 1-240-691-91 | s | RES, CHIP 470 (0603) |
| R1128 | 1-240-691-91 | s | RES, CHIP 470 (0603) |
| R1129 | 1-240-691-91 | s | RES, CHIP 470 (0603) |
| R1130 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R1131 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R1132 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R1133 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R1150 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1151 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1152 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1153 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1154 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1155 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1156 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1157 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1158 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1159 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1160 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1161 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1162 | 1-240-800-91 | s | RES, CHIP 4.7K (0603) |
| R1163 | 1-240-800-91 | s | RES, CHIP 4.7K (0603) |
| R1164 | 1-240-812-91 | s | RES, CHIP 15K (0603) |
| R1165 | 1-240-800-91 | s | RES, CHIP 4.7K (0603) |
| R1166 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1167 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1168 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1169 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1174 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R1175 | 1-240-676-91 | s | RES, CHIP 22 (0603) |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R1176 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R1177 | 1-218-933-81 | s | RES, CHIP 22 |
| R1202 | 1-240-691-91 | s | RES, CHIP 470 (0603) |
| R1203 | 1-240-691-91 | s | RES, CHIP 470 (0603) |
| R1204 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1206 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1207 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1208 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1209 | 1-240-800-91 | s | RES, CHIP 4.7K (0603) |
| R1211 | 1-240-800-91 | s | RES, CHIP 4.7K (0603) |
| R1212 | 1-240-812-91 | s | RES, CHIP 15K (0603) |
| R1219 | 1-240-800-91 | s | RES, CHIP 4.7K (0603) |
| R1224 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1225 | 1-240-691-91 | s | RES, CHIP 470 (0603) |
| R1226 | 1-240-691-91 | s | RES, CHIP 470 (0603) |
| R1227 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R1235 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1236 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1237 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1238 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1239 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1240 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1268 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R1269 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R1270 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R1271 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R1272 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R1273 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R1286 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1287 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1288 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1289 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1294 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1295 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1296 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1297 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1298 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1299 | 1-694-535-91 | s | CONDCTOR, CHIP (0603) |
| R1301 | 1-218-929-81 | s | RES, CHIP 10 |
| R1302 | 1-218-929-81 | s | RES, CHIP 10 |
| R1303 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R1304 | 1-246-167-91 | s | RES, CHIP 1.0 (0603) |
| R1305 | 1-246-167-91 | s | RES, CHIP 1.0 (0603) |
| R1306 | 1-240-736-91 | s | RES, CHIP 10 (0603) |
| R1307 | 1-240-736-91 | s | RES, CHIP 10 (0603) |
| R1308 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R1309 | 1-240-736-91 | s | RES, CHIP 10 (0603) |
| R1310 | 1-240-736-91 | s | RES, CHIP 10 (0603) |
| R1314 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R1315 | 1-218-933-81 | s | RES, CHIP 22 |
| R1401 | 1-250-531-11 | s | RES, METAL FILM CHIP 33K(1005) |
| R1402 | 1-250-523-11 | o | RES, METAL FILM CHIP 15K(1005) |
| R1403 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R1404 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R1405 | 1-218-973-81 | s | RES, CHIP 47K |
| R1406 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R1407 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R1408 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R1409 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R1410 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R1411 | 1-240-707-91 | s | RES, CHIP 10K (0603) |
| R1412 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R1413 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R1414 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R1418 | 1-240-714-91 | s | RES, CHIP 47K (0603) |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R1420 | 1-240-714-91 | s | RES, CHIP 47K (0603) |
| R1422 | 1-218-973-81 | s | RES, CHIP 47K |
| R1423 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1424 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R1425 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1426 | 1-250-507-11 | o | RES,METAL FILM CHIP 3.3K(1005) |
| R1427 | 1-250-507-11 | o | RES,METAL FILM CHIP 3.3K(1005) |
| R1428 | 1-240-707-91 | s | RES, CHIP 10K (0603) |
| R1429 | 1-240-707-91 | s | RES, CHIP 10K (0603) |
| R1430 | 1-250-483-11 | s | RES, METAL FILM CHIP 330(1005) |
| R1445 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1446 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1447 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R1448 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R1449 | 1-250-535-11 | s | RES, METAL FILM CHIP 47K(1005) |
| R1450 | 1-250-523-11 | o | RES, METAL FILM CHIP 15K(1005) |
| R1451 | 1-250-535-11 | s | RES, METAL FILM CHIP 47K(1005) |
| R1452 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R1453 | 1-218-973-81 | s | RES, CHIP 47K |
| R1454 | 1-218-973-81 | s | RES, CHIP 47K |
| R1455 | 1-240-714-91 | s | RES, CHIP 47K (0603) |
| R1456 | 1-218-973-81 | s | RES, CHIP 47K |
| R1457 | 1-218-973-81 | s | RES, CHIP 47K |
| R1458 | 1-240-714-91 | s | RES, CHIP 47K (0603) |
| R1460 | 1-218-977-81 | s | RES, CHIP 100K |
| R1462 | 1-218-977-81 | s | RES, CHIP 100K |
| R1463 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R1464 | 1-250-539-11 | o | RES, METAL FILM CHIP 68K(1005) |
| R1465 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R1466 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R1467 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R1468 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R1469 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R1470 | 1-218-973-81 | s | RES, CHIP 47K |
| R1471 | 1-218-973-81 | s | RES, CHIP 47K |
| R1472 | 1-218-973-81 | s | RES, CHIP 47K |
| R1473 | 1-218-973-81 | s | RES, CHIP 47K |
| R1474 | 1-218-973-81 | s | RES, CHIP 47K |
| R1475 | 1-218-973-81 | s | RES, CHIP 47K |
| R1476 | 1-218-973-81 | s | RES, CHIP 47K |
| R1478 | 1-208-894-81 | s | RES, CHIP 2.0K (1005) |
| R1517 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1520 | 1-250-523-11 | o | RES, METAL FILM CHIP 15K(1005) |
| R1527 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R1528 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R1529 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1530 | 1-250-487-11 | s | RES, METAL FILM CHIP 470(1005) |
| R1531 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R1533 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1534 | 1-250-523-11 | o | RES, METAL FILM CHIP 15K(1005) |
| R1535 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R1536 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R1537 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1538 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1539 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1544 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1545 | 1-250-523-11 | o | RES, METAL FILM CHIP 15K(1005) |
| R1546 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R1547 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R1549 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1550 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1560 | 1-218-973-81 | s | RES, CHIP 47K |
| R1569 | 1-218-973-81 | s | RES, CHIP 47K |
| R1570 | 1-218-973-81 | s | RES, CHIP 47K |
| R1571 | 1-218-973-81 | s | RES, CHIP 47K |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R1572 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R1573 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R1574 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R1575 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R1576 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R1577 | 1-208-951-81 | s | RES, CHIP 470K (1005) |
| R1578 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R1579 | 1-208-919-81 | s | RES, CHIP 22K (1005) |
| R1601 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1602 | 1-250-523-11 | o | RES, METAL FILM CHIP 15K(1005) |
| R1603 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R1604 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R1605 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1606 | 1-250-483-11 | s | RES, METAL FILM CHIP 330(1005) |
| R1607 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1608 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1609 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1610 | 1-250-523-11 | o | RES, METAL FILM CHIP 15K(1005) |
| R1611 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R1612 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R1613 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1614 | 1-250-471-11 | s | RES, METAL FILM CHIP 100(1005) |
| R1615 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R1616 | 1-250-507-11 | o | RES,METAL FILM CHIP 3.3K(1005) |
| R1617 | 1-250-471-11 | s | RES, METAL FILM CHIP 100(1005) |
| R1618 | 1-250-507-11 | o | RES,METAL FILM CHIP 3.3K(1005) |
| R1619 | 1-250-507-11 | o | RES,METAL FILM CHIP 3.3K(1005) |
| R1620 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R1621 | 1-250-515-11 | s | RES,METAL FILM CHIP 6.8K(1005) |
| R1622 | 1-250-483-11 | s | RES, METAL FILM CHIP 330(1005) |
| R1623 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R1624 | 1-218-973-81 | s | RES, CHIP 47K |
| R1625 | 1-218-973-81 | s | RES, CHIP 47K |
| R1626 | 1-218-973-81 | s | RES, CHIP 47K |
| R1627 | 1-218-973-81 | s | RES, CHIP 47K |
| R1801 | 1-218-973-81 | s | RES, CHIP 47K |
| R1802 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R1809 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R1810 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R1811 | 1-240-714-91 | s | RES, CHIP 47K (0603) |
| R1812 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R1813 | 1-218-947-81 | s | RES, CHIP 330 |
| R1814 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R1816 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R1817 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1818 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1819 | 1-218-933-81 | s | RES, CHIP 22 |
| R1820 | 1-218-933-81 | s | RES, CHIP 22 |
| R1821 | 1-218-933-81 | s | RES, CHIP 22 |
| R1822 | 1-218-933-81 | s | RES, CHIP 22 |
| R1823 | 1-218-933-81 | s | RES, CHIP 22 |
| R1824 | 1-218-933-81 | s | RES, CHIP 22 |
| R1825 | 1-218-933-81 | s | RES, CHIP 22 |
| R1826 | 1-218-933-81 | s | RES, CHIP 22 |
| R1827 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R1828 | 1-250-463-11 | s | RES, METAL FILM CHIP 47 (1005) |
| R1829 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1830 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R1902 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R1903 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R1904 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R1905 | 1-218-947-81 | s | RES, CHIP 330 |
| R1906 | 1-218-947-81 | s | RES, CHIP 330 |
| R1907 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R1908 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |

## CA-86 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R1909 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R1910 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R2001 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R2002 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R2003 | 1-218-933-81 | s | RES, CHIP 22 |
| R2004 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R2006 | 1-250-471-11 | s | RES, METAL FILM CHIP 100(1005) |
| R2007 | 1-250-471-11 | s | RES, METAL FILM CHIP 100(1005) |
| R2008 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R2009 | 1-250-471-11 | s | RES, METAL FILM CHIP 100(1005) |
| R2010 | 1-250-471-11 | s | RES, METAL FILM CHIP 100(1005) |
| R2011 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2012 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2013 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2014 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2015 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2016 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2017 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2018 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2019 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2020 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2021 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2022 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2023 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2024 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2025 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2026 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2027 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2028 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2029 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2030 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2031 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2032 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2033 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2034 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2035 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2036 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2037 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2038 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2039 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2040 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2041 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2042 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2043 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2044 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2045 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2046 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2047 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2048 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2049 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2050 | 1-240-676-91 | s | RES, CHIP 22 (0603) |
| R2101 | 1-218-941-81 | s | RES, CHIP 100 |
| R2102 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R2103 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R2104 | 1-218-973-81 | s | RES, CHIP 47K |
| R2105 | 1-218-973-81 | s | RES, CHIP 47K |
| R2106 | 1-218-973-81 | s | RES, CHIP 47K |
| R2201 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R2202 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R2203 | 1-218-933-81 | s | RES, CHIP 22 |
| R2204 | 1-218-933-81 | s | RES, CHIP 22 |
| R2205 | 1-218-933-81 | s | RES, CHIP 22 |
| R2206 | 1-218-933-81 | s | RES, CHIP 22 |
| R2207 | 1-218-933-81 | s | RES, CHIP 22 |
| R2208 | 1-218-933-81 | s | RES, CHIP 22 |

## CA-86 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R2209 | 1-218-933-81 | s | RES, CHIP 22 |
| R2210 | 1-218-933-81 | s | RES, CHIP 22 |
| R2211 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R2212 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R2213 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R2214 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R2215 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R2216 | 1-218-933-81 | s | RES, CHIP 22 |
| R2217 | 1-218-933-81 | s | RES, CHIP 22 |
| R2218 | 1-218-933-81 | s | RES, CHIP 22 |
| R2219 | 1-218-933-81 | s | RES, CHIP 22 |
| R2221 | 1-218-933-81 | s | RES, CHIP 22 |
| R2222 | 1-218-933-81 | s | RES, CHIP 22 |
| R2225 | 1-218-933-81 | s | RES, CHIP 22 |
| R2303 | 1-220-169-81 | s | RES, CHIP 75 |
| R2304 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R2305 | 1-220-169-81 | s | RES, CHIP 75 |
| R2306 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R2308 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R2309 | 1-218-941-81 | s | RES, CHIP 100 |
| R2310 | 1-218-941-81 | s | RES, CHIP 100 |
| R2311 | 1-218-941-81 | s | RES, CHIP 100 |
| R2312 | 1-218-941-81 | s | RES, CHIP 100 |
| R2313 | 1-218-941-81 | s | RES, CHIP 100 |
| R2314 | 1-218-941-81 | s | RES, CHIP 100 |
| R2315 | 1-218-941-81 | s | RES, CHIP 100 |
| R2316 | 1-218-941-81 | s | RES, CHIP 100 |
| R2317 | 1-218-941-81 | s | RES, CHIP 100 |
| R2318 | 1-218-941-81 | s | RES, CHIP 100 |
| R2319 | 1-218-941-81 | s | RES, CHIP 100 |
| R2320 | 1-218-941-81 | s | RES, CHIP 100 |
| R2321 | 1-218-941-81 | s | RES, CHIP 100 |
| R2322 | 1-218-941-81 | s | RES, CHIP 100 |
| R2323 | 1-218-941-81 | s | RES, CHIP 100 |
| R2324 | 1-218-941-81 | s | RES, CHIP 100 |
| R2325 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R2326 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R2327 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R2328 | 1-220-169-81 | s | RES, CHIP 75 |
| R2329 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R2330 | 1-220-169-81 | s | RES, CHIP 75 |
| R2331 | 1-218-933-81 | s | RES, CHIP 22 |
| R2332 | 1-218-933-81 | s | RES, CHIP 22 |
| R2333 | 1-218-933-81 | s | RES, CHIP 22 |
| R2334 | 1-218-933-81 | s | RES, CHIP 22 |
| RB001 | 1-234-375-21 | s | RES, NETWORK 1K (1005X4) |
| RB0501 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB0601 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB0602 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB0603 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB0604 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB0605 | 1-234-369-21 | s | RES, NETWORK 10 (1005X4) |
| RB0606 | 1-234-369-21 | s | RES, NETWORK 10 (1005X4) |
| RB0607 | 1-234-369-21 | s | RES, NETWORK 10 (1005X4) |
| RB0608 | 1-234-369-21 | s | RES, NETWORK 10 (1005X4) |
| RB0609 | 1-234-380-21 | s | RES, NETWORK 47K (1005X4) |
| RB0610 | 1-234-380-21 | s | RES, NETWORK 47K (1005X4) |
| RB0801 | 1-234-380-21 | s | RES, NETWORK 47K (1005X4) |
| RB1801 | 1-234-380-21 | s | RES, NETWORK 47K (1005X4) |
| RB1802 | 1-234-380-21 | s | RES, NETWORK 47K (1005X4) |
| RB1803 | 1-234-380-21 | s | RES, NETWORK 47K (1005X4) |
| RB1804 | 1-234-380-21 | s | RES, NETWORK 47K (1005X4) |
| RB1805 | 1-234-380-21 | s | RES, NETWORK 47K (1005X4) |
| RB1806 | 1-234-375-21 | s | RES, NETWORK 1K (1005X4) |

**CA-86 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| RB1907 | 1-234-380-21 | s | RES, NETWORK 47K (1005X4) |
| RB2101 | 1-234-371-21 | s | RES, NETWORK 47 (1005X4) |
| RB2102 | 1-234-371-21 | s | RES, NETWORK 47 (1005X4) |
| RB2103 | 1-234-371-21 | s | RES, NETWORK 47 (1005X4) |
| RB2104 | 1-234-371-21 | s | RES, NETWORK 47 (1005X4) |
| RB2105 | 1-234-371-21 | s | RES, NETWORK 47 (1005X4) |
| RB2106 | 1-234-371-21 | s | RES, NETWORK 47 (1005X4) |
| RB2301 | 1-234-375-21 | s | RES, NETWORK 1K (1005X4) |
| S1801 | 1-771-881-21 | s | SWITCH, DIGITAL (SMD) |
| S1802 | 1-771-721-21 | s | SWITCH, TACTILE |
| S1904 | 1-771-721-21 | s | SWITCH, TACTILE |
| S1905 | 1-771-721-21 | s | SWITCH, TACTILE |
| TH1401 ⚠ | 1-804-458-21 | s | THERMISTOR, POSITIVE |
| THP801 ⚠ | 1-804-458-21 | s | THERMISTOR, POSITIVE |
| TP1401 | 1-535-757-21 | s | CHIP, CHECKER |
| TP1402 | 1-535-757-21 | s | CHIP, CHECKER |
| VDR801 | 1-802-245-11 | s | ESD SUPPRESSOR |
| VDR802 | 1-802-245-11 | s | ESD SUPPRESSOR |
| VDR803 | 1-802-245-11 | s | ESD SUPPRESSOR |
| VDR804 | 1-802-245-11 | s | ESD SUPPRESSOR |
| VDR805 | 1-802-245-11 | s | ESD SUPPRESSOR |
| VDR806 | 1-802-245-11 | s | ESD SUPPRESSOR |
| VDR807 | 1-802-245-11 | s | ESD SUPPRESSOR |
| VDR808 | 1-802-245-11 | s | ESD SUPPRESSOR |
| X0501 | 1-795-983-11 | s | OSCILLATOR, CRYSTAL |
| X0502 | 1-795-983-11 | s | OSCILLATOR, CRYSTAL |
| X0503 | 1-813-640-11 | s | OSCILLATOR, CRYSTAL (125MHZ) |
| X0601 | 1-813-511-11 | s | OSCILLATOR, CRYSTAL (24MHZ) |
| X0602 | 1-813-494-11 | s | OSCILLATOR, CRYSTAL |

## CN-3538 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1883-258-A | s | MOUNTED CIRCUIT BOARD, CN-3538 |
| C100 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C101 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| CN100 | 1-778-645-31 | s | CONNECTOR, FFC/FPC(ZIF) AN 10P |
| FB100 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| R100 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R101 | 1-218-945-81 | s | RES, CHIP 220 |
| R102 | 1-218-933-81 | s | RES, CHIP 22 |
| R103 | 1-218-933-81 | s | RES, CHIP 22 |

## CN-3539 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1883-259-A | s | MOUNTED CIRCUIT BOARD, CN-3539 |
| CN100 | 1-691-551-21 | o | PIN, CONNECTOR (SMD) 8P |
| D100 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D101 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D102 | 6-502-197-01 | s | DI SML-D12M8WT86SM |

**CN-3539 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R100 | 1-218-939-81 | s | RES, CHIP 68 |
| R101 | 1-218-939-81 | s | RES, CHIP 68 |
| R102 | 1-218-939-81 | s | RES, CHIP 68 |
| S101 | 1-771-721-21 | s | SWITCH, TACTILE |

## IF-1196 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1883-262-A | s | MOUNTED CIRCUIT BOARD, IF-1196 |
| BZ301 | 1-504-920-11 | s | BUZZER |
| C0101 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0102 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0103 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0104 | 1-114-219-21 | s | CAP, CERAMIC 1MF C (1005) |
| C0105 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0106 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0107 | 1-114-219-21 | s | CAP, CERAMIC 1MF C (1005) |
| C0108 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0109 | 1-114-219-21 | s | CAP, CERAMIC 1MF C (1005) |
| C0110 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0111 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0112 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0113 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0114 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0115 | 1-114-219-21 | s | CAP, CERAMIC 1MF C (1005) |
| C0116 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C0117 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0118 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C0119 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C120 | 1-100-505-91 | s | CAP, CERAMIC 0.1MF C (1005) |
| C121 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C201 | 1-135-960-91 | s | CAP, CHIP CERAMIC 10MF B(3225) |
| C202 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C203 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C204 | 1-114-219-21 | s | CAP, CERAMIC 1MF C (1005) |
| C205 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C206 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C207 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C208 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C209 | 1-114-219-21 | s | CAP, CERAMIC 1MF C (1005) |
| C210 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C211 | 1-100-591-91 | s | CAP, CHIP CERAMIC 1MF B 2012 |
| C212 | 1-114-219-21 | s | CAP, CERAMIC 1MF C (1005) |
| C213 | 1-114-817-11 | s | CAP, CERAMIC 2.2UF X7R 3216 |
| C214 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C215 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C216 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C217 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C218 | 1-114-219-21 | s | CAP, CERAMIC 1MF C (1005) |
| C219 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C220 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C221 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C222 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C223 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C224 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C225 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C226 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C227 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C228 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C229 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |

## IF-1196 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C230 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C231 | 1-165-884-91 | s | CAP, CERAMIC 2.2MF (1608) |
| C232 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C233 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C234 | 1-114-219-21 | s | CAP, CERAMIC 1MF C (1005) |
| C235 | 1-114-219-21 | s | CAP, CERAMIC 1MF C (1005) |
| C237 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C301 | 1-112-692-81 | s | CAP,CHIP CERAMIC1000PF CH 1005 |
| C302 | 1-112-692-81 | s | CAP,CHIP CERAMIC1000PF CH 1005 |
| C303 | 1-112-692-81 | s | CAP,CHIP CERAMIC1000PF CH 1005 |
| C304 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C305 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C306 | 1-112-692-81 | s | CAP,CHIP CERAMIC1000PF CH 1005 |
| C307 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C308 | 1-100-611-91 | s | CAP, CERAMIC 22MF C (2012) |
| C309 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C310 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C311 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C312 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C401 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C402 | 1-128-403-21 | s | CAP, ELECT 47MF 8X6 |
| C403 | 1-164-935-81 | s | CAP, CHIP CERAMIC 470PF B 1005 |
| C404 | 1-164-858-81 | s | CAP, CHIP CERAMIC 22PF CH 1005 |
| C405 | 1-112-692-81 | s | CAP,CHIP CERAMIC1000PF CH 1005 |
| C406 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C407 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C408 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C409 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C410 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C411 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C412 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C423 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C424 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C425 | 1-164-882-81 | s | CAP,CHIP CERAMIC 220PF CH 1005 |
| C426 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C427 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C428 | 1-114-983-91 | s | CAP, CHIP CERAMIC 2.2MF B 1608 |
| C429 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C430 | 1-114-728-91 | o | CAP, CERAMIC 22MF B 3216 |
| C431 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C432 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C433 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C434 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C435 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C436 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C437 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C438 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C439 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C501 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C502 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C503 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C504 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C505 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C506 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C507 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C508 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C509 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C510 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C511 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C512 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C513 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C514 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C515 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C516 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C517 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C518 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C600 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C601 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C602 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C603 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C604 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C605 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C606 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C607 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C608 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C609 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C610 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C611 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C612 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C613 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C614 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C615 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C616 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C617 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C618 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C619 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C620 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C621 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C622 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C623 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C624 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C625 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C626 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C627 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C628 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C629 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C630 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C631 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C633 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C634 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C635 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| CN101 | 1-784-010-11 | s | CONNECTOR, USB (B) |
| CN201 | 1-817-074-12 | s | DVI CONNECTOR |
| CN202 | 1-818-533-21 | s | CONNECTOR 6P |
| CN203 | 1-785-427-11 | o | CONNECTOR, BOARD TO WIRE 20P |
| CN301 | 1-565-953-61 | s | CONNECTOR, FLEXIBLE 4P |
| CN401 | 1-774-741-11 | s | JACK, DC |
| CN502 | 1-816-755-21 | s | CONNECTOR (SM20B-SRSS-TB) |
| CN503 | 1-778-336-21 | s | PIN, CONNECTOR (PC BOARD) 14P |
| CN504 | 1-817-097-21 | s | PIN, CONNECTOR (1.5MM)(SMD)13P |
| CN600 | 1-784-254-21 | s | CONNECTOR 10P |
| D101 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D102 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D103 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D201 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D202 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D203 | 6-501-123-01 | s | DIODE RB160M-60TR |
| D301 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D302 | 6-502-195-01 | s | DI SML-D12D8WT86SQ |
| D303 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D304 | 8-719-083-57 | s | DI UDZSUSTE-173.6B |
| D305 | 8-719-070-20 | s | DIODE RB706F-40 |
| D306 | 8-719-070-20 | s | DIODE RB706F-40 |
| D307 | 8-719-070-20 | s | DIODE RB706F-40 |
| D308 | 8-719-070-20 | s | DIODE RB706F-40 |
| D401 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D402 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D403 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D404 | 6-501-124-01 | s | DIODE RSX101VA-30TR |
| D405 | 6-502-197-01 | s | DI SML-D12M8WT86SM |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| D501 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D502 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D503 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D504 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D505 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D506 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D507 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D508 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D509 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D510 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| E001 | 1-535-757-21 | s | CHIP, CHECKER |
| E002 | 1-535-757-21 | s | CHIP, CHECKER |
| E003 | 1-535-757-21 | s | CHIP, CHECKER |
| E004 | 1-535-757-21 | s | CHIP, CHECKER |
| E005 | 1-535-757-21 | s | CHIP, CHECKER |
| E006 | 1-535-757-21 | s | CHIP, CHECKER |
| E007 | 1-535-757-21 | s | CHIP, CHECKER |
| E008 | 1-535-757-21 | s | CHIP, CHECKER |
| F401 | ⚠ 1-533-627-21 | s | FUSE (SMD) (5A/125V) |
| FB001 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB002 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB201 | 1-400-331-21 | s | FERRITE, EMI (SMD) (1005) |
| FB202 | 1-400-331-21 | s | FERRITE, EMI (SMD) (1005) |
| FB203 | 1-400-331-21 | s | FERRITE, EMI (SMD) (1005) |
| FB204 | 1-400-331-21 | s | FERRITE, EMI (SMD) (1005) |
| FB500 | 1-400-331-21 | s | FERRITE, EMI (SMD) (1005) |
| FB501 | 1-400-331-21 | s | FERRITE, EMI (SMD) (1005) |
| FB502 | 1-400-331-21 | s | FERRITE, EMI (SMD) (1005) |
| FB503 | 1-400-331-21 | s | FERRITE, EMI (SMD) (1005) |
| FB504 | 1-400-331-21 | s | FERRITE, EMI (SMD) (1005) |
| FB505 | 1-400-331-21 | s | FERRITE, EMI (SMD) (1005) |
| FB506 | 1-400-331-21 | s | FERRITE, EMI (SMD) (1005) |
| FB507 | 1-400-331-21 | s | FERRITE, EMI (SMD) (1005) |
| FB508 | 1-400-331-21 | s | FERRITE, EMI (SMD) (1005) |
| FB509 | 1-400-331-21 | s | FERRITE, EMI (SMD) (1005) |
| FB510 | 1-481-377-21 | s | FERRITE, EMI (SMD) |
| FB600 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB601 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| IC101 | 6-717-044-01 | o | IC USB2514B-AEZG-TR |
| IC104 | 6-718-447-01 | s | IC ICS8304AMLFT |
| IC201 | 8-759-827-28 | s | IC TFP401APZP |
| IC202 | 6-700-592-01 | s | IC DS90C387VJDX |
| IC203 | 6-707-893-01 | s | IC TC74VHCT541AFT(EKJ) |
| IC204 | 6-715-442-01 | s | IC BD6583MUV-AE2 |
| IC301 | 6-719-131-01 | s | IC TSC-30/IC327 |
| IC303 | 6-707-858-01 | s | IC TC74VHC00FT(EKJ) |
| IC403 | 6-704-641-01 | s | IC R3112N111A-TR-FE |
| IC405 | 6-715-843-01 | s | IC LTC3605EUF#TR |
| IC501 | 6-707-879-01 | s | IC TC74VHC541FT(EKJ) |
| IC502 | 6-707-879-01 | s | IC TC74VHC541FT(EKJ) |
| IC503 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC504 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC505 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC601 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC602 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| JC202 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC203 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC210 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC211 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC212 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC213 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| JC215 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| JC401 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| L201 | 1-419-630-21 | s | COIL, CHOKE 4.7UH |
| L202 | 1-813-308-11 | o | COMMON MODE CHOKE |
| L203 | 1-813-308-11 | o | COMMON MODE CHOKE |
| L204 | 1-813-308-11 | o | COMMON MODE CHOKE |
| L205 | 1-813-308-11 | o | COMMON MODE CHOKE |
| L206 | 1-813-308-11 | o | COMMON MODE CHOKE |
| L207 | 1-813-308-11 | o | COMMON MODE CHOKE |
| L208 | 1-813-308-11 | o | COMMON MODE CHOKE |
| L209 | 1-813-308-11 | o | COMMON MODE CHOKE |
| L210 | 1-813-308-11 | o | COMMON MODE CHOKE |
| L401 | 1-457-526-11 | s | INDUCTOR (2.2UH) |
| L402 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L403 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| LF101 | 1-456-826-11 | s | COIL, COMMON MODE CHOKE |
| LF102 | 1-456-826-11 | s | COIL, COMMON MODE CHOKE |
| Q201 | 6-552-086-01 | s | TR RTR020N05TL |
| Q301 | 8-729-928-25 | s | TRANSISTOR 2SA1774TL-QR |
| Q302 | 8-729-928-05 | s | TRANSISTOR 2SC4617TL-QR |
| Q303 | 8-729-928-05 | s | TRANSISTOR 2SC4617TL-QR |
| Q304 | 8-729-928-25 | s | TRANSISTOR 2SA1774TL-QR |
| Q401 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q402 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q403 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q404 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| R101 | 1-250-535-11 | s | RES, METAL FILM CHIP 47K(1005) |
| R102 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R105 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R106 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R107 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R108 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R109 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R110 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R111 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R112 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R113 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R114 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R118 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R119 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R120 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R201 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R203 | 1-240-247-91 | s | RES, SQUARE TYPE CHIP 0.1 |
| R204 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R206 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R207 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R208 | 1-250-527-11 | o | RES, METAL FILM CHIP 22K(1005) |
| R209 | 1-250-535-11 | s | RES, METAL FILM CHIP 47K(1005) |
| R210 | 1-250-535-11 | s | RES, METAL FILM CHIP 47K(1005) |
| R213 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R214 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R216 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R217 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R219 | 1-250-535-11 | s | RES, METAL FILM CHIP 47K(1005) |
| R222 | 1-250-487-11 | s | RES, METAL FILM CHIP 470(1005) |
| R223 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R224 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R301 | 1-250-503-11 | o | RES,METAL FILM CHIP 2.2K(1005) |
| R302 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R303 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R304 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R305 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R306 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R307 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R308 | 1-220-803-81 | s | RES, CHIP 4.7 |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R309 | 1-220-803-81 | s | RES, CHIP 4.7 |
| R310 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R311 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R312 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R313 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R314 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R315 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R316 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R317 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R318 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R319 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R320 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R321 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R322 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R323 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R325 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R326 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R327 | 1-250-483-11 | s | RES, METAL FILM CHIP 330(1005) |
| R328 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R329 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R330 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R331 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R402 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R403 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R404 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R405 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R406 | 1-250-507-11 | o | RES,METAL FILM CHIP 3.3K(1005) |
| R407 | 1-250-507-11 | o | RES,METAL FILM CHIP 3.3K(1005) |
| R408 | 1-250-483-11 | s | RES, METAL FILM CHIP 330(1005) |
| R423 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R424 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R425 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R426 | 1-250-523-11 | o | RES, METAL FILM CHIP 15K(1005) |
| R427 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R428 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R429 | 1-250-463-11 | s | RES, METAL FILM CHIP 47 (1005) |
| R430 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R431 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R432 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R433 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R434 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R435 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R436 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R437 | 1-250-535-11 | s | RES, METAL FILM CHIP 47K(1005) |
| R438 | 1-250-539-11 | o | RES, METAL FILM CHIP 68K(1005) |
| R439 | 1-250-555-11 | s | RES,METAL FILM CHIP 330K(1005) |
| R440 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R441 | 1-250-535-11 | s | RES, METAL FILM CHIP 47K(1005) |
| R442 | 1-250-555-11 | s | RES,METAL FILM CHIP 330K(1005) |
| R443 | 1-250-555-11 | s | RES,METAL FILM CHIP 330K(1005) |
| R501 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R502 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R503 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R504 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R505 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R506 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R507 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R508 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R509 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R510 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R511 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R512 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R513 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R514 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R515 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |

## IF-1196 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R516 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R600 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R601 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R602 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R604 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R606 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R608 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R610 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| R612 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| R614 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| R615 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R617 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| R618 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R620 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| R621 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R622 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R624 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R626 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R628 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R630 | 1-250-471-11 | s | RES, METAL FILM CHIP 100(1005) |
| R631 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R633 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R634 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R636 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R638 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R640 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R642 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R644 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R645 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R648 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| R650 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| R652 | 1-218-990-81 | s | CONDUCTOR, CHIP (1005) |
| R653 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R654 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R655 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R656 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R657 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R658 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R659 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R660 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R662 | 1-218-933-81 | s | RES, CHIP 22 |
| RB502 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB503 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB507 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB600 | 1-234-375-21 | s | RES, NETWORK 1K (1005X4) |
| S600 | 1-572-595-21 | s | SWITCH, TACTILE (REFLOW TYPE) |
| VDR001 | 1-802-245-11 | s | ESD SUPPRESSOR |
| VDR002 | 1-802-245-11 | s | ESD SUPPRESSOR |
| VDR003 | 1-802-245-11 | s | ESD SUPPRESSOR |
| VDR004 | 1-802-245-11 | s | ESD SUPPRESSOR |
| VDR005 | 1-802-245-11 | s | ESD SUPPRESSOR |
| VDR006 | 1-802-245-11 | s | ESD SUPPRESSOR |
| VDR007 | 1-802-245-11 | s | ESD SUPPRESSOR |
| VDR008 | 1-802-245-11 | s | ESD SUPPRESSOR |
| X101 | 1-813-511-11 | s | OSCILLATOR, CRYSTAL (24MHZ) |
| X301 | 1-795-374-21 | s | VIBRATOR, CERAMIC |
| X600 | 1-795-983-11 | s | OSCILLATOR, CRYSTAL |

# KY-688 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1883-250-A | s | MOUNTED CIRCUIT BOARD, KY-688 |
| C100 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C101 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| C102 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C110 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C111 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C112 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C113 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C114 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C115 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C116 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C117 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C118 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C119 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C120 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C121 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C122 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C123 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C124 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C125 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C126 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C127 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C128 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C129 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C130 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C131 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C132 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C133 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C134 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C135 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C136 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C137 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C138 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C139 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C200 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C203 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C204 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C300 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C301 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C302 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C303 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C305 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C306 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C307 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C400 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C401 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C402 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C403 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C404 | 1-164-935-81 | s | CAP, CHIP CERAMIC 470PF B 1005 |
| C405 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C406 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C407 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C408 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C409 | 1-164-866-81 | s | CAP, CHIP CERAMIC 47PF CH 1005 |
| C410 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C411 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C412 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C413 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C414 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C415 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C416 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C426 | 1-100-421-21 | s | CAP, ELECT 220MF (6.3X5.9) |
| C433 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C434 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |

KY-688 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C435 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C436 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C448 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C449 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C450 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C451 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C452 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C453 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C500 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C501 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C502 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C503 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C504 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C505 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C506 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C507 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C508 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C509 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C600 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C601 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C602 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C603 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C604 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C605 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C900 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C901 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C902 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C903 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C904 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C905 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C906 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C907 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C908 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C909 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C910 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C911 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C912 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C913 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C914 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C915 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C916 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C917 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C918 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C919 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C920 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C921 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| CN101 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN300 | 1-784-254-21 | s | CONNECTOR 10P |
| D400 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D403 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D900 | 8-719-056-48 | s | DI 1SS388 |
| D901 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| E103 | 1-535-877-22 | s | CHIP, CHECKER |
| E104 | 1-535-877-22 | s | CHIP, CHECKER |
| E106 | 1-535-877-22 | s | CHIP, CHECKER |
| FB110 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB300 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB400 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB401 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB402 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB403 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| IC202 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC204 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| IC205 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC300 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC301 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC302 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC303 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC400 | 6-713-727-01 | s | IC LTC3851EUD#TR |
| IC500 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC501 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC502 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC503 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC504 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC600 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC601 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC602 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC603 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC604 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC605 | 6-712-387-01 | s | IC TC74VHC165FT(EKJ) |
| L400 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L402 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L403 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L404 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L405 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L900 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L901 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| LF003 | 1-400-814-21 | s | COIL, CHOKE |
| LF100 | 1-400-814-21 | s | COIL, CHOKE |
| LF101 | 1-400-814-21 | s | COIL, CHOKE |
| PH700 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH701 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH702 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH703 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH704 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH705 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH706 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH707 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH708 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH709 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH710 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH711 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH712 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH713 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH714 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH715 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH716 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH717 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH718 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH719 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH720 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH721 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH722 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH723 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH724 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH725 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH726 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH727 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH728 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH729 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH730 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH731 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH800 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH801 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH802 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH803 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH804 | 8-719-069-53 | s | DIODE CPI-210-T |

## KY-688 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| PH805 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH806 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH807 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH808 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH809 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH810 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH811 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH812 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH813 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH814 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH815 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH816 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH817 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH818 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH819 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH820 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH821 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH822 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH823 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH824 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH825 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH826 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH827 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH828 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH829 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH830 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH831 | 8-719-069-53 | s | DIODE CPI-210-T |
| Q300 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q301 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q400 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q401 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q500 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q501 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q502 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q503 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q504 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q505 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q506 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q507 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q508 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q509 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q510 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q511 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q512 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q513 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q514 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q515 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q516 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q517 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q600 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q601 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q602 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q603 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q604 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q605 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q606 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q607 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q900 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| R100 | 1-218-933-81 | s | RES, CHIP 22 |
| R114 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R115 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R200 | 1-218-933-81 | s | RES, CHIP 22 |
| R201 | 1-218-933-81 | s | RES, CHIP 22 |
| R202 | 1-218-933-81 | s | RES, CHIP 22 |

## KY-688 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R209 | 1-218-973-81 | s | RES, CHIP 47K |
| R302 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R303 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R304 | 1-218-933-81 | s | RES, CHIP 22 |
| R306 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R307 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R308 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R311 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R313 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R314 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R318 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R322 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R326 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R330 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R332 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R336 | 1-218-933-81 | s | RES, CHIP 22 |
| R337 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R339 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R340 | 1-218-933-81 | s | RES, CHIP 22 |
| R341 | 1-218-933-81 | s | RES, CHIP 22 |
| R342 | 1-218-933-81 | s | RES, CHIP 22 |
| R343 | 1-218-933-81 | s | RES, CHIP 22 |
| R344 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R345 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R346 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R347 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R400 | 1-218-977-81 | s | RES, CHIP 100K |
| R401 | 1-218-977-81 | s | RES, CHIP 100K |
| R402 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R403 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R404 | 1-218-929-81 | s | RES, CHIP 10 |
| R405 | 1-218-929-81 | s | RES, CHIP 10 |
| R406 | 1-219-684-21 | s | RES, CHIP (SQUARE TYPE) 0.01 |
| R407 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R408 | 1-208-943-81 | s | RES, CHIP 220K (1005) |
| R409 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R410 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R411 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R418 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R419 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R420 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R421 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R422 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R423 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R424 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R425 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R426 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R427 | 1-208-931-81 | s | RES, CHIP 68K (1005) |
| R428 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R429 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R500 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R501 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R502 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R503 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R504 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R505 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R506 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R507 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R508 | 1-218-933-81 | s | RES, CHIP 22 |
| R509 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R510 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R511 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R512 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R513 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R514 | 1-218-953-81 | s | RES, CHIP 1.0K |

KY-688 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R515 | 1-218-933-81 | s | RES, CHIP 22 |
| R516 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R517 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R518 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R519 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R520 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R521 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R522 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R523 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R524 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R600 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R601 | 1-218-933-81 | s | RES, CHIP 22 |
| R700 | 1-218-945-81 | s | RES, CHIP 220 |
| R701 | 1-218-945-81 | s | RES, CHIP 220 |
| R702 | 1-218-945-81 | s | RES, CHIP 220 |
| R703 | 1-218-945-81 | s | RES, CHIP 220 |
| R704 | 1-218-945-81 | s | RES, CHIP 220 |
| R705 | 1-218-945-81 | s | RES, CHIP 220 |
| R706 | 1-218-945-81 | s | RES, CHIP 220 |
| R707 | 1-218-945-81 | s | RES, CHIP 220 |
| R708 | 1-218-945-81 | s | RES, CHIP 220 |
| R709 | 1-218-945-81 | s | RES, CHIP 220 |
| R710 | 1-218-945-81 | s | RES, CHIP 220 |
| R711 | 1-218-945-81 | s | RES, CHIP 220 |
| R712 | 1-218-945-81 | s | RES, CHIP 220 |
| R713 | 1-218-945-81 | s | RES, CHIP 220 |
| R714 | 1-218-945-81 | s | RES, CHIP 220 |
| R715 | 1-218-945-81 | s | RES, CHIP 220 |
| R716 | 1-218-945-81 | s | RES, CHIP 220 |
| R717 | 1-218-945-81 | s | RES, CHIP 220 |
| R718 | 1-218-945-81 | s | RES, CHIP 220 |
| R719 | 1-218-945-81 | s | RES, CHIP 220 |
| R720 | 1-218-945-81 | s | RES, CHIP 220 |
| R721 | 1-218-945-81 | s | RES, CHIP 220 |
| R722 | 1-218-945-81 | s | RES, CHIP 220 |
| R723 | 1-218-945-81 | s | RES, CHIP 220 |
| R724 | 1-218-945-81 | s | RES, CHIP 220 |
| R725 | 1-218-945-81 | s | RES, CHIP 220 |
| R726 | 1-218-945-81 | s | RES, CHIP 220 |
| R727 | 1-218-945-81 | s | RES, CHIP 220 |
| R728 | 1-218-945-81 | s | RES, CHIP 220 |
| R729 | 1-218-945-81 | s | RES, CHIP 220 |
| R730 | 1-218-945-81 | s | RES, CHIP 220 |
| R731 | 1-218-945-81 | s | RES, CHIP 220 |
| R800 | 1-218-945-81 | s | RES, CHIP 220 |
| R801 | 1-218-945-81 | s | RES, CHIP 220 |
| R802 | 1-218-945-81 | s | RES, CHIP 220 |
| R803 | 1-218-945-81 | s | RES, CHIP 220 |
| R804 | 1-218-945-81 | s | RES, CHIP 220 |
| R805 | 1-218-945-81 | s | RES, CHIP 220 |
| R806 | 1-218-945-81 | s | RES, CHIP 220 |
| R807 | 1-218-945-81 | s | RES, CHIP 220 |
| R808 | 1-218-945-81 | s | RES, CHIP 220 |
| R809 | 1-218-945-81 | s | RES, CHIP 220 |
| R810 | 1-218-945-81 | s | RES, CHIP 220 |
| R811 | 1-218-945-81 | s | RES, CHIP 220 |
| R812 | 1-218-945-81 | s | RES, CHIP 220 |
| R813 | 1-218-945-81 | s | RES, CHIP 220 |
| R814 | 1-218-945-81 | s | RES, CHIP 220 |
| R815 | 1-218-945-81 | s | RES, CHIP 220 |
| R816 | 1-218-945-81 | s | RES, CHIP 220 |
| R817 | 1-218-945-81 | s | RES, CHIP 220 |
| R818 | 1-218-945-81 | s | RES, CHIP 220 |
| R819 | 1-218-945-81 | s | RES, CHIP 220 |
| R820 | 1-218-945-81 | s | RES, CHIP 220 |

**KY-688 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R821 | 1-218-945-81 | s | RES, CHIP 220 |
| R822 | 1-218-945-81 | s | RES, CHIP 220 |
| R823 | 1-218-945-81 | s | RES, CHIP 220 |
| R824 | 1-218-945-81 | s | RES, CHIP 220 |
| R825 | 1-218-945-81 | s | RES, CHIP 220 |
| R826 | 1-218-945-81 | s | RES, CHIP 220 |
| R827 | 1-218-945-81 | s | RES, CHIP 220 |
| R828 | 1-218-945-81 | s | RES, CHIP 220 |
| R829 | 1-218-945-81 | s | RES, CHIP 220 |
| R830 | 1-218-945-81 | s | RES, CHIP 220 |
| R831 | 1-218-945-81 | s | RES, CHIP 220 |
| R900 | 1-208-916-81 | s | RES, CHIP 16K (1005) |
| R901 | 1-208-921-81 | s | RES, CHIP 27K (1005) |
| R902 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R904 | 1-218-977-81 | s | RES, CHIP 100K |
| R905 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R906 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R907 | 1-208-923-81 | s | RES, CHIP 33K (1005) |
| R908 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R909 | 1-208-913-81 | s | RES, CHIP 12K (1005) |
| R910 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R911 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R912 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R913 | 1-218-963-81 | s | RES, CHIP 6.8K |
| R914 | 1-218-973-81 | s | RES, CHIP 47K |
| RB201 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB202 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB203 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB204 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB300 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB301 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB302 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB303 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB304 | 1-234-375-21 | s | RES, NETWORK 1K (1005X4) |
| RB600 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB601 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| S300 | 1-572-595-21 | s | SWITCH, TACTILE (REFLOW TYPE) |
| S301 | 1-692-270-41 | s | SWITCH, SLIDE |
| TP400 | 1-535-757-21 | s | CHIP, CHECKER |
| TP401 | 1-535-757-21 | s | CHIP, CHECKER |
| TP402 | 1-535-757-21 | s | CHIP, CHECKER |
| TP403 | 1-535-757-21 | s | CHIP, CHECKER |
| TP404 | 1-535-757-21 | s | CHIP, CHECKER |
| X300 | 1-795-983-11 | s | OSCILLATOR, CRYSTAL |

## KY-689 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1883-251-A | s | MOUNTED CIRCUIT BOARD, KY-689 |
| C100 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C101 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| C102 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C110 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C111 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C112 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C113 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C114 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C115 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C116 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |

**KY-689 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C117 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C118 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C119 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C120 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C121 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C122 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C123 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C124 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C125 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C126 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C127 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C128 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C129 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C130 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C131 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C132 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C133 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C134 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C135 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C136 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C137 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C138 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C139 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C200 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C203 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C204 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C300 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C301 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C302 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C304 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C305 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C307 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C308 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C309 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C400 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C401 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C402 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C403 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C404 | 1-164-935-81 | s | CAP, CHIP CERAMIC 470PF B 1005 |
| C405 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C406 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C407 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C408 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C409 | 1-164-866-81 | s | CAP, CHIP CERAMIC 47PF CH 1005 |
| C410 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C411 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C412 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C413 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C414 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C415 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C416 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C426 | 1-100-421-21 | s | CAP, ELECT 220MF (6.3X5.9) |
| C433 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C434 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C435 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C436 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C448 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C449 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C450 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C451 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C452 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C453 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C500 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C501 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C502 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |

## KY-689 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C503 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C504 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C505 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C506 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C507 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C508 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C509 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C600 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C601 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C602 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C603 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C604 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C605 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C900 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C901 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C902 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C903 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C904 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C905 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C906 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C907 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C908 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C909 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C910 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C911 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C912 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C913 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1000 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C1001 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1002 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1003 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1004 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1005 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C1006 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C1007 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1008 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| CN102 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN103 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN300 | 1-784-254-21 | s | CONNECTOR 10P |
| D400 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D403 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D900 | 8-719-056-48 | s | DI 1SS388 |
| D901 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D1000 | 8-719-056-48 | s | DI 1SS388 |
| D1001 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| E101 | 1-535-877-22 | s | CHIP, CHECKER |
| E103 | 1-535-877-22 | s | CHIP, CHECKER |
| E104 | 1-535-877-22 | s | CHIP, CHECKER |
| FB110 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB300 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB400 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB401 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB402 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB403 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| IC202 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC204 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC205 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC302 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC303 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC304 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC306 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC307 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC400 | 6-713-727-01 | s | IC LTC3851EUD#TR |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| IC500 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC501 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC502 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC503 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC504 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC600 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC601 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC602 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC603 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC604 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC605 | 6-712-387-01 | s | IC TC74VHC165FT(EKJ) |
| L400 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L402 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L403 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L404 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L405 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L900 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L901 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L1000 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L1001 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| LF100 | 1-400-814-21 | s | COIL, CHOKE |
| LF101 | 1-400-814-21 | s | COIL, CHOKE |
| LF102 | 1-400-814-21 | s | COIL, CHOKE |
| LF103 | 1-400-814-21 | s | COIL, CHOKE |
| LF104 | 1-400-814-21 | s | COIL, CHOKE |
| LF105 | 1-400-814-21 | s | COIL, CHOKE |
| PH700 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH701 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH702 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH703 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH704 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH705 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH706 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH707 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH708 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH709 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH710 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH711 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH712 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH713 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH714 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH715 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH716 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH717 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH718 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH719 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH720 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH721 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH722 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH723 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH724 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH725 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH726 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH727 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH728 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH729 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH730 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH731 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH800 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH801 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH802 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH803 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH804 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH805 | 8-719-069-53 | s | DIODE CPI-210-T |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| PH806 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH807 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH808 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH809 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH810 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH811 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH812 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH813 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH814 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH815 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH816 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH817 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH818 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH819 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH820 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH821 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH822 | 8-719-069-53 | s | DIODE CPI-210-T |
| Q300 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q301 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q302 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q303 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q400 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q401 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q500 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q501 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q502 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q503 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q504 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q505 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q506 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q507 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q508 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q509 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q510 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q511 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q512 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q513 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q514 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q515 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q516 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q517 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q600 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q601 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q602 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q603 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q604 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q605 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q606 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q607 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q900 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q1000 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| R100 | 1-218-933-81 | s | RES, CHIP 22 |
| R200 | 1-218-933-81 | s | RES, CHIP 22 |
| R201 | 1-218-933-81 | s | RES, CHIP 22 |
| R202 | 1-218-933-81 | s | RES, CHIP 22 |
| R209 | 1-218-973-81 | s | RES, CHIP 47K |
| R304 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R305 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R306 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R307 | 1-218-933-81 | s | RES, CHIP 22 |
| R309 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R310 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R311 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R318 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R325 | 1-218-933-81 | s | RES, CHIP 22 |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R326 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R327 | 1-218-933-81 | s | RES, CHIP 22 |
| R328 | 1-218-933-81 | s | RES, CHIP 22 |
| R329 | 1-218-933-81 | s | RES, CHIP 22 |
| R330 | 1-218-933-81 | s | RES, CHIP 22 |
| R331 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R332 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R333 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R334 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R339 | 1-218-933-81 | s | RES, CHIP 22 |
| R343 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R344 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R345 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R346 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R348 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R349 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R350 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R400 | 1-218-977-81 | s | RES, CHIP 100K |
| R401 | 1-218-977-81 | s | RES, CHIP 100K |
| R402 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R403 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R404 | 1-218-929-81 | s | RES, CHIP 10 |
| R405 | 1-218-929-81 | s | RES, CHIP 10 |
| R406 | 1-219-684-21 | s | RES, CHIP (SQUARE TYPE) 0.01 |
| R407 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R408 | 1-208-943-81 | s | RES, CHIP 220K (1005) |
| R409 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R410 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R411 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R418 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R419 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R420 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R421 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R422 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R423 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R424 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R425 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R426 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R427 | 1-208-931-81 | s | RES, CHIP 68K (1005) |
| R428 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R429 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R500 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R501 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R502 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R503 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R504 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R505 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R506 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R507 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R508 | 1-218-933-81 | s | RES, CHIP 22 |
| R509 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R510 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R511 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R512 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R513 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R514 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R515 | 1-218-933-81 | s | RES, CHIP 22 |
| R516 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R517 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R518 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R519 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R520 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R521 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R522 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R523 | 1-218-953-81 | s | RES, CHIP 1.0K |

**KY-689 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R524 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R600 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R601 | 1-218-933-81 | s | RES, CHIP 22 |
| R700 | 1-218-945-81 | s | RES, CHIP 220 |
| R701 | 1-218-945-81 | s | RES, CHIP 220 |
| R702 | 1-218-945-81 | s | RES, CHIP 220 |
| R703 | 1-218-945-81 | s | RES, CHIP 220 |
| R704 | 1-218-945-81 | s | RES, CHIP 220 |
| R705 | 1-218-945-81 | s | RES, CHIP 220 |
| R706 | 1-218-945-81 | s | RES, CHIP 220 |
| R707 | 1-218-945-81 | s | RES, CHIP 220 |
| R708 | 1-218-945-81 | s | RES, CHIP 220 |
| R709 | 1-218-945-81 | s | RES, CHIP 220 |
| R710 | 1-218-945-81 | s | RES, CHIP 220 |
| R711 | 1-218-945-81 | s | RES, CHIP 220 |
| R712 | 1-218-945-81 | s | RES, CHIP 220 |
| R713 | 1-218-945-81 | s | RES, CHIP 220 |
| R714 | 1-218-945-81 | s | RES, CHIP 220 |
| R715 | 1-218-945-81 | s | RES, CHIP 220 |
| R716 | 1-218-945-81 | s | RES, CHIP 220 |
| R717 | 1-218-945-81 | s | RES, CHIP 220 |
| R718 | 1-218-945-81 | s | RES, CHIP 220 |
| R719 | 1-218-945-81 | s | RES, CHIP 220 |
| R720 | 1-218-945-81 | s | RES, CHIP 220 |
| R721 | 1-218-945-81 | s | RES, CHIP 220 |
| R722 | 1-218-945-81 | s | RES, CHIP 220 |
| R723 | 1-218-945-81 | s | RES, CHIP 220 |
| R724 | 1-218-945-81 | s | RES, CHIP 220 |
| R725 | 1-218-945-81 | s | RES, CHIP 220 |
| R726 | 1-218-945-81 | s | RES, CHIP 220 |
| R727 | 1-218-945-81 | s | RES, CHIP 220 |
| R728 | 1-218-945-81 | s | RES, CHIP 220 |
| R729 | 1-218-945-81 | s | RES, CHIP 220 |
| R730 | 1-218-945-81 | s | RES, CHIP 220 |
| R731 | 1-218-945-81 | s | RES, CHIP 220 |
| R800 | 1-218-945-81 | s | RES, CHIP 220 |
| R801 | 1-218-945-81 | s | RES, CHIP 220 |
| R802 | 1-218-945-81 | s | RES, CHIP 220 |
| R803 | 1-218-945-81 | s | RES, CHIP 220 |
| R804 | 1-218-945-81 | s | RES, CHIP 220 |
| R805 | 1-218-945-81 | s | RES, CHIP 220 |
| R806 | 1-218-945-81 | s | RES, CHIP 220 |
| R807 | 1-218-945-81 | s | RES, CHIP 220 |
| R808 | 1-218-945-81 | s | RES, CHIP 220 |
| R809 | 1-218-945-81 | s | RES, CHIP 220 |
| R810 | 1-218-945-81 | s | RES, CHIP 220 |
| R811 | 1-218-945-81 | s | RES, CHIP 220 |
| R812 | 1-218-945-81 | s | RES, CHIP 220 |
| R813 | 1-218-945-81 | s | RES, CHIP 220 |
| R814 | 1-218-945-81 | s | RES, CHIP 220 |
| R815 | 1-218-945-81 | s | RES, CHIP 220 |
| R816 | 1-218-945-81 | s | RES, CHIP 220 |
| R817 | 1-218-945-81 | s | RES, CHIP 220 |
| R818 | 1-218-945-81 | s | RES, CHIP 220 |
| R819 | 1-218-945-81 | s | RES, CHIP 220 |
| R820 | 1-218-945-81 | s | RES, CHIP 220 |
| R821 | 1-218-945-81 | s | RES, CHIP 220 |
| R822 | 1-218-945-81 | s | RES, CHIP 220 |
| R900 | 1-208-916-81 | s | RES, CHIP 16K (1005) |
| R901 | 1-208-921-81 | s | RES, CHIP 27K (1005) |
| R902 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R904 | 1-218-977-81 | s | RES, CHIP 100K |
| R905 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R906 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R907 | 1-208-923-81 | s | RES, CHIP 33K (1005) |

**KY-689 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R908 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R909 | 1-208-913-81 | s | RES, CHIP 12K (1005) |
| R910 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R911 | 1-218-963-81 | s | RES, CHIP 6.8K |
| R912 | 1-218-973-81 | s | RES, CHIP 47K |
| R1001 | 1-218-975-81 | s | RES, CHIP 68K |
| R1002 | 1-208-916-81 | s | RES, CHIP 16K (1005) |
| R1003 | 1-208-921-81 | s | RES, CHIP 27K (1005) |
| R1004 | 1-218-983-81 | s | RES, CHIP 330K |
| R1005 | 1-218-973-81 | s | RES, CHIP 47K |
| R1007 | 1-218-977-81 | s | RES, CHIP 100K |
| R1008 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R1009 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R1010 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R1011 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R1012 | 1-218-963-81 | s | RES, CHIP 6.8K |
| R1013 | 1-218-973-81 | s | RES, CHIP 47K |
| RB201 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB202 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB203 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB204 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB300 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB301 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB302 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB303 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB304 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB305 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB310 | 1-234-375-21 | s | RES, NETWORK 1K (1005X4) |
| RB600 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB601 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| S300 | 1-572-595-21 | s | SWITCH, TACTILE (REFLOW TYPE) |
| S301 | 1-692-270-41 | s | SWITCH, SLIDE |
| TP400 | 1-535-757-21 | s | CHIP, CHECKER |
| TP401 | 1-535-757-21 | s | CHIP, CHECKER |
| TP402 | 1-535-757-21 | s | CHIP, CHECKER |
| TP403 | 1-535-757-21 | s | CHIP, CHECKER |
| TP404 | 1-535-757-21 | s | CHIP, CHECKER |
| X300 | 1-795-983-11 | s | OSCILLATOR, CRYSTAL |

## KY-690 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1883-260-A | s | MOUNTED CIRCUIT BOARD, KY-690 |
| C100 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C101 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| C102 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C110 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C111 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C112 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C113 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C114 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C115 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C116 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C117 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C118 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C119 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C120 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C121 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C122 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |

## KY-690 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C123 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C124 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C125 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C126 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C127 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C128 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C129 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C130 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C131 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C132 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C133 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C134 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C135 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C136 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C137 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C138 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C139 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C200 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C203 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C204 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C300 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C301 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C302 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C303 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C304 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C305 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C307 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C308 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C309 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C400 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C401 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C402 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C403 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C404 | 1-164-935-81 | s | CAP, CHIP CERAMIC 470PF B 1005 |
| C405 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C406 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C407 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C408 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C409 | 1-164-866-81 | s | CAP, CHIP CERAMIC 47PF CH 1005 |
| C410 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C411 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C412 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C413 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C414 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C415 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C416 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C426 | 1-100-421-21 | s | CAP, ELECT 220MF (6.3X5.9) |
| C433 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C434 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C435 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C436 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C448 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C449 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C450 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C451 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C452 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C453 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C500 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C501 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C502 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C503 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C504 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C505 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C506 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C507 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |

## KY-690 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C508 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C509 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C600 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C601 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C602 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C603 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C604 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C605 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C900 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C901 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C902 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C903 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C904 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C905 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C906 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C907 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C908 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C909 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C910 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C911 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C912 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C913 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1000 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C1001 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1002 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1003 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1004 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1005 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C1006 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C1007 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1008 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1009 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1010 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1011 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1012 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1013 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1014 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1015 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1016 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1017 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1018 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1019 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1020 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1100 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1106 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| CN102 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN300 | 1-784-254-21 | s | CONNECTOR 10P |
| CN1100 | 1-778-646-31 | s | CONNECTOR, FFC/FPC(ZIF) ST 10P |
| D400 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D403 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D900 | 8-719-056-48 | s | DI 1SS388 |
| D901 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D1000 | 8-719-056-48 | s | DI 1SS388 |
| D1001 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D1100 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1101 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1102 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1103 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1104 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| E101 | 1-535-877-22 | s | CHIP, CHECKER |
| E102 | 1-535-877-22 | s | CHIP, CHECKER |
| E103 | 1-535-877-22 | s | CHIP, CHECKER |
| E104 | 1-535-877-22 | s | CHIP, CHECKER |

## KY-690 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| E106 | 1-535-877-22 | s | CHIP, CHECKER |
| FB110 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB300 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB400 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB401 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB402 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB403 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| IC202 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC204 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC205 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC302 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC303 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC304 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC305 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC306 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC307 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC400 | 6-713-727-01 | s | IC LTC3851EUD#TR |
| IC500 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC501 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC502 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC503 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC504 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC600 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC601 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC602 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC603 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC604 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC605 | 6-712-387-01 | s | IC TC74VHC165FT(EKJ) |
| IC1100 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| L400 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L402 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L403 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L404 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L405 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L900 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L901 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L1000 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L1001 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| LF100 | 1-400-814-21 | s | COIL, CHOKE |
| LF101 | 1-400-814-21 | s | COIL, CHOKE |
| LF102 | 1-400-814-21 | s | COIL, CHOKE |
| PH700 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH701 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH702 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH703 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH704 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH705 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH706 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH707 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH708 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH709 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH710 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH711 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH712 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH713 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH714 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH715 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH716 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH717 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH718 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH719 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH720 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH800 | 8-719-069-53 | s | DIODE CPI-210-T |

## KY-690 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| PH801 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH802 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH803 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH804 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH805 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH806 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH807 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH808 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH809 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH810 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH811 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH812 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH813 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH814 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH815 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH816 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH817 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH818 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH819 | 8-719-069-53 | s | DIODE CPI-210-T |
| Q300 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q301 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q302 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q303 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q400 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q401 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q500 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q501 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q502 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q503 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q504 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q505 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q506 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q507 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q508 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q509 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q510 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q511 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q512 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q513 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q514 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q515 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q516 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q517 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q600 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q601 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q602 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q603 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q604 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q605 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q900 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q1000 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| R100 | 1-218-933-81 | s | RES, CHIP 22 |
| R200 | 1-218-933-81 | s | RES, CHIP 22 |
| R201 | 1-218-933-81 | s | RES, CHIP 22 |
| R202 | 1-218-933-81 | s | RES, CHIP 22 |
| R209 | 1-218-973-81 | s | RES, CHIP 47K |
| R304 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R305 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R306 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R307 | 1-218-933-81 | s | RES, CHIP 22 |
| R309 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R310 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R311 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R318 | 1-218-965-81 | s | RES, CHIP 10K 1005 |

## KY-690 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R325 | 1-218-933-81 | s | RES, CHIP 22 |
| R326 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R327 | 1-218-933-81 | s | RES, CHIP 22 |
| R328 | 1-218-933-81 | s | RES, CHIP 22 |
| R329 | 1-218-933-81 | s | RES, CHIP 22 |
| R330 | 1-218-933-81 | s | RES, CHIP 22 |
| R331 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R332 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R333 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R334 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R340 | 1-218-933-81 | s | RES, CHIP 22 |
| R343 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R344 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R345 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R346 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R347 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R349 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R350 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R400 | 1-218-977-81 | s | RES, CHIP 100K |
| R401 | 1-218-977-81 | s | RES, CHIP 100K |
| R402 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R403 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R404 | 1-218-929-81 | s | RES, CHIP 10 |
| R405 | 1-218-929-81 | s | RES, CHIP 10 |
| R406 | 1-219-684-21 | s | RES, CHIP (SQUARE TYPE) 0.01 |
| R407 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R408 | 1-208-943-81 | s | RES, CHIP 220K (1005) |
| R409 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R410 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R411 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R418 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R419 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R420 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R421 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R422 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R423 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R424 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R425 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R426 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R427 | 1-208-931-81 | s | RES, CHIP 68K (1005) |
| R428 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R429 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R500 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R501 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R502 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R503 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R504 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R505 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R506 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R507 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R508 | 1-218-933-81 | s | RES, CHIP 22 |
| R509 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R510 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R511 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R512 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R513 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R514 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R515 | 1-218-933-81 | s | RES, CHIP 22 |
| R516 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R517 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R518 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R519 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R520 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R521 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R522 | 1-218-953-81 | s | RES, CHIP 1.0K |

## KY-690 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R523 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R524 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R600 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R601 | 1-218-933-81 | s | RES, CHIP 22 |
| R700 | 1-218-945-81 | s | RES, CHIP 220 |
| R701 | 1-218-945-81 | s | RES, CHIP 220 |
| R702 | 1-218-945-81 | s | RES, CHIP 220 |
| R703 | 1-218-945-81 | s | RES, CHIP 220 |
| R704 | 1-218-945-81 | s | RES, CHIP 220 |
| R705 | 1-218-945-81 | s | RES, CHIP 220 |
| R706 | 1-218-945-81 | s | RES, CHIP 220 |
| R707 | 1-218-945-81 | s | RES, CHIP 220 |
| R708 | 1-218-945-81 | s | RES, CHIP 220 |
| R709 | 1-218-945-81 | s | RES, CHIP 220 |
| R710 | 1-218-945-81 | s | RES, CHIP 220 |
| R711 | 1-218-945-81 | s | RES, CHIP 220 |
| R712 | 1-218-945-81 | s | RES, CHIP 220 |
| R713 | 1-218-945-81 | s | RES, CHIP 220 |
| R714 | 1-218-945-81 | s | RES, CHIP 220 |
| R715 | 1-218-945-81 | s | RES, CHIP 220 |
| R716 | 1-218-945-81 | s | RES, CHIP 220 |
| R717 | 1-218-945-81 | s | RES, CHIP 220 |
| R718 | 1-218-945-81 | s | RES, CHIP 220 |
| R719 | 1-218-945-81 | s | RES, CHIP 220 |
| R720 | 1-218-945-81 | s | RES, CHIP 220 |
| R800 | 1-218-945-81 | s | RES, CHIP 220 |
| R801 | 1-218-945-81 | s | RES, CHIP 220 |
| R802 | 1-218-945-81 | s | RES, CHIP 220 |
| R803 | 1-218-945-81 | s | RES, CHIP 220 |
| R804 | 1-218-945-81 | s | RES, CHIP 220 |
| R805 | 1-218-945-81 | s | RES, CHIP 220 |
| R806 | 1-218-945-81 | s | RES, CHIP 220 |
| R807 | 1-218-945-81 | s | RES, CHIP 220 |
| R808 | 1-218-945-81 | s | RES, CHIP 220 |
| R809 | 1-218-945-81 | s | RES, CHIP 220 |
| R810 | 1-218-945-81 | s | RES, CHIP 220 |
| R811 | 1-218-945-81 | s | RES, CHIP 220 |
| R812 | 1-218-945-81 | s | RES, CHIP 220 |
| R813 | 1-218-945-81 | s | RES, CHIP 220 |
| R814 | 1-218-945-81 | s | RES, CHIP 220 |
| R815 | 1-218-945-81 | s | RES, CHIP 220 |
| R816 | 1-218-945-81 | s | RES, CHIP 220 |
| R817 | 1-218-945-81 | s | RES, CHIP 220 |
| R818 | 1-218-945-81 | s | RES, CHIP 220 |
| R819 | 1-218-945-81 | s | RES, CHIP 220 |
| R900 | 1-208-916-81 | s | RES, CHIP 16K (1005) |
| R901 | 1-208-921-81 | s | RES, CHIP 27K (1005) |
| R902 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R904 | 1-218-977-81 | s | RES, CHIP 100K |
| R905 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R906 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R907 | 1-208-923-81 | s | RES, CHIP 33K (1005) |
| R908 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R909 | 1-208-913-81 | s | RES, CHIP 12K (1005) |
| R910 | 1-218-963-81 | s | RES, CHIP 6.8K |
| R911 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R912 | 1-218-973-81 | s | RES, CHIP 47K |
| R1001 | 1-218-975-81 | s | RES, CHIP 68K |
| R1002 | 1-208-916-81 | s | RES, CHIP 16K (1005) |
| R1003 | 1-208-921-81 | s | RES, CHIP 27K (1005) |
| R1004 | 1-218-983-81 | s | RES, CHIP 330K |
| R1005 | 1-218-973-81 | s | RES, CHIP 47K |
| R1007 | 1-218-977-81 | s | RES, CHIP 100K |
| R1008 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R1010 | 1-218-975-81 | s | RES, CHIP 68K |

**KY-690 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R1011 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R1012 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R1013 | 1-218-983-81 | s | RES, CHIP 330K |
| R1014 | 1-218-973-81 | s | RES, CHIP 47K |
| R1015 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R1017 | 1-218-975-81 | s | RES, CHIP 68K |
| R1018 | 1-218-983-81 | s | RES, CHIP 330K |
| R1019 | 1-218-973-81 | s | RES, CHIP 47K |
| R1022 | 1-218-975-81 | s | RES, CHIP 68K |
| R1023 | 1-218-975-81 | s | RES, CHIP 68K |
| R1024 | 1-218-983-81 | s | RES, CHIP 330K |
| R1025 | 1-218-973-81 | s | RES, CHIP 47K |
| R1026 | 1-218-983-81 | s | RES, CHIP 330K |
| R1027 | 1-218-973-81 | s | RES, CHIP 47K |
| R1028 | 1-218-963-81 | s | RES, CHIP 6.8K |
| R1029 | 1-218-973-81 | s | RES, CHIP 47K |
| R1100 | 1-218-941-81 | s | RES, CHIP 100 |
| RB201 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB202 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB203 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB204 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB300 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB301 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB302 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB303 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB304 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB305 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB306 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB310 | 1-234-375-21 | s | RES, NETWORK 1K (1005X4) |
| RB600 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB601 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB1100 | 1-234-372-21 | s | RES, NETWORK 100 (1005X4) |
| RB1101 | 1-234-377-21 | s | RES, NETWORK 4.7K (1005X4) |
| RB1102 | 1-234-377-21 | s | RES, NETWORK 4.7K (1005X4) |
| S300 | 1-572-595-21 | s | SWITCH, TACTILE (REFLOW TYPE) |
| S301 | 1-692-270-41 | s | SWITCH, SLIDE |
| TP400 | 1-535-757-21 | s | CHIP, CHECKER |
| TP401 | 1-535-757-21 | s | CHIP, CHECKER |
| TP402 | 1-535-757-21 | s | CHIP, CHECKER |
| TP403 | 1-535-757-21 | s | CHIP, CHECKER |
| TP404 | 1-535-757-21 | s | CHIP, CHECKER |
| X300 | 1-795-983-11 | s | OSCILLATOR, CRYSTAL |

## KY-691 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1883-252-A | s | MOUNTED CIRCUIT BOARD, KY-691 |
| C100 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C101 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| C102 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C110 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C111 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C112 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C113 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C114 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C115 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C116 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C117 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C118 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C119 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |

**KY-691 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C120 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C121 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C122 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C123 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C124 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C125 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C126 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C127 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C128 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C129 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C130 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C131 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C132 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C133 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C134 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C135 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C136 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C137 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C138 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C139 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C200 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C203 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C204 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C300 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C301 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C302 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C303 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C304 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C305 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C307 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C308 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C309 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C400 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C401 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C402 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C403 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C404 | 1-164-935-81 | s | CAP, CHIP CERAMIC 470PF B 1005 |
| C405 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C406 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C407 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C408 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C409 | 1-164-866-81 | s | CAP, CHIP CERAMIC 47PF CH 1005 |
| C410 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C411 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C412 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C413 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C414 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C415 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C416 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C426 | 1-100-421-21 | s | CAP, ELECT 220MF (6.3X5.9) |
| C433 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C434 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C435 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C436 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C448 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C449 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C450 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C451 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C452 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C453 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C500 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C501 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C502 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C503 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C504 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C505 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C506 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C507 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C508 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C509 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C600 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C601 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C602 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C603 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C604 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C605 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C902 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C903 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C904 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C905 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C906 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C907 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C908 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C909 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C910 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C911 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C912 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C913 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C914 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C915 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1000 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C1001 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1002 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1003 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1004 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1005 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C1006 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C1007 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1008 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1009 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1010 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1011 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1012 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1013 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1014 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1015 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1016 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1017 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1018 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1019 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1020 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1100 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1106 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| CN102 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN103 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN300 | 1-784-254-21 | s | CONNECTOR 10P |
| CN1100 | 1-778-646-31 | s | CONNECTOR, FFC/FPC(ZIF) ST 10P |
| D400 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D403 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D900 | 8-719-056-48 | s | DI 1SS388 |
| D901 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D1000 | 8-719-056-48 | s | DI 1SS388 |
| D1001 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D1100 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1101 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1102 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1103 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1104 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| E100 | 1-535-877-22 | s | CHIP, CHECKER |
| E103 | 1-535-877-22 | s | CHIP, CHECKER |
| E104 | 1-535-877-22 | s | CHIP, CHECKER |
| E106 | 1-535-877-22 | s | CHIP, CHECKER |
| FB110 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB300 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB400 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB401 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB402 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB403 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| IC202 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC204 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC205 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC302 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC303 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC304 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC305 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC306 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC307 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC400 | 6-713-727-01 | s | IC LTC3851EUD#TR |
| IC500 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC501 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC502 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC503 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC504 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC600 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC601 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC602 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC603 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC604 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC605 | 6-712-387-01 | s | IC TC74VHC165FT(EKJ) |
| IC1100 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| L400 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L402 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L403 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L404 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L405 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L900 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L901 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L1000 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L1001 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| LF100 | 1-400-814-21 | s | COIL, CHOKE |
| LF101 | 1-400-814-21 | s | COIL, CHOKE |
| LF102 | 1-400-814-21 | s | COIL, CHOKE |
| LF103 | 1-400-814-21 | s | COIL, CHOKE |
| LF104 | 1-400-814-21 | s | COIL, CHOKE |
| LF105 | 1-400-814-21 | s | COIL, CHOKE |
| PH700 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH701 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH702 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH703 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH704 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH705 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH706 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH707 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH708 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH709 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH710 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH711 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH712 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH713 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH714 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH715 | 8-719-069-53 | s | DIODE CPI-210-T |

## KY-691 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| PH716 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH717 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH718 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH719 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH720 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH800 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH801 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH802 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH803 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH804 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH805 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH806 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH807 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH808 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH809 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH810 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH811 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH812 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH813 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH814 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH815 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH816 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH817 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH818 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH819 | 8-719-069-53 | s | DIODE CPI-210-T |
| Q300 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q301 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q302 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q303 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q400 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q401 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q500 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q501 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q502 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q503 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q504 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q505 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q506 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q507 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q508 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q509 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q510 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q511 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q512 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q513 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q514 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q515 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q516 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q517 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q600 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q601 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q602 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q603 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q604 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q605 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q900 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q1000 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| R100 | 1-218-933-81 | s | RES, CHIP 22 |
| R200 | 1-218-933-81 | s | RES, CHIP 22 |
| R201 | 1-218-933-81 | s | RES, CHIP 22 |
| R202 | 1-218-933-81 | s | RES, CHIP 22 |
| R209 | 1-218-973-81 | s | RES, CHIP 47K |
| R304 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R305 | 1-218-965-81 | s | RES, CHIP 10K 1005 |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R306 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R307 | 1-218-933-81 | s | RES, CHIP 22 |
| R309 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R310 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R311 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R318 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R325 | 1-218-933-81 | s | RES, CHIP 22 |
| R326 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R327 | 1-218-933-81 | s | RES, CHIP 22 |
| R328 | 1-218-933-81 | s | RES, CHIP 22 |
| R329 | 1-218-933-81 | s | RES, CHIP 22 |
| R330 | 1-218-933-81 | s | RES, CHIP 22 |
| R331 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R332 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R333 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R334 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R339 | 1-218-933-81 | s | RES, CHIP 22 |
| R340 | 1-218-933-81 | s | RES, CHIP 22 |
| R343 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R344 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R345 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R346 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R349 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R350 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R400 | 1-218-977-81 | s | RES, CHIP 100K |
| R401 | 1-218-977-81 | s | RES, CHIP 100K |
| R402 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R403 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R404 | 1-218-929-81 | s | RES, CHIP 10 |
| R405 | 1-218-929-81 | s | RES, CHIP 10 |
| R406 | 1-219-684-21 | s | RES, CHIP (SQUARE TYPE) 0.01 |
| R407 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R408 | 1-208-943-81 | s | RES, CHIP 220K (1005) |
| R409 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R410 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R411 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R418 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R419 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R420 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R421 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R422 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R423 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R424 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R425 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R426 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R427 | 1-208-931-81 | s | RES, CHIP 68K (1005) |
| R428 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R429 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R500 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R501 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R502 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R503 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R504 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R505 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R506 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R507 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R508 | 1-218-933-81 | s | RES, CHIP 22 |
| R509 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R510 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R511 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R512 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R513 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R514 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R515 | 1-218-933-81 | s | RES, CHIP 22 |
| R516 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |

**KY-691 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R517 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R518 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R519 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R520 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R521 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R522 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R523 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R524 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R600 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R601 | 1-218-933-81 | s | RES, CHIP 22 |
| R700 | 1-218-945-81 | s | RES, CHIP 220 |
| R701 | 1-218-945-81 | s | RES, CHIP 220 |
| R702 | 1-218-945-81 | s | RES, CHIP 220 |
| R703 | 1-218-945-81 | s | RES, CHIP 220 |
| R704 | 1-218-945-81 | s | RES, CHIP 220 |
| R705 | 1-218-945-81 | s | RES, CHIP 220 |
| R706 | 1-218-945-81 | s | RES, CHIP 220 |
| R707 | 1-218-945-81 | s | RES, CHIP 220 |
| R708 | 1-218-945-81 | s | RES, CHIP 220 |
| R709 | 1-218-945-81 | s | RES, CHIP 220 |
| R710 | 1-218-945-81 | s | RES, CHIP 220 |
| R711 | 1-218-945-81 | s | RES, CHIP 220 |
| R712 | 1-218-945-81 | s | RES, CHIP 220 |
| R713 | 1-218-945-81 | s | RES, CHIP 220 |
| R714 | 1-218-945-81 | s | RES, CHIP 220 |
| R715 | 1-218-945-81 | s | RES, CHIP 220 |
| R716 | 1-218-945-81 | s | RES, CHIP 220 |
| R717 | 1-218-945-81 | s | RES, CHIP 220 |
| R718 | 1-218-945-81 | s | RES, CHIP 220 |
| R719 | 1-218-945-81 | s | RES, CHIP 220 |
| R720 | 1-218-945-81 | s | RES, CHIP 220 |
| R800 | 1-218-945-81 | s | RES, CHIP 220 |
| R801 | 1-218-945-81 | s | RES, CHIP 220 |
| R802 | 1-218-945-81 | s | RES, CHIP 220 |
| R803 | 1-218-945-81 | s | RES, CHIP 220 |
| R804 | 1-218-945-81 | s | RES, CHIP 220 |
| R805 | 1-218-945-81 | s | RES, CHIP 220 |
| R806 | 1-218-945-81 | s | RES, CHIP 220 |
| R807 | 1-218-945-81 | s | RES, CHIP 220 |
| R808 | 1-218-945-81 | s | RES, CHIP 220 |
| R809 | 1-218-945-81 | s | RES, CHIP 220 |
| R810 | 1-218-945-81 | s | RES, CHIP 220 |
| R811 | 1-218-945-81 | s | RES, CHIP 220 |
| R812 | 1-218-945-81 | s | RES, CHIP 220 |
| R813 | 1-218-945-81 | s | RES, CHIP 220 |
| R814 | 1-218-945-81 | s | RES, CHIP 220 |
| R815 | 1-218-945-81 | s | RES, CHIP 220 |
| R816 | 1-218-945-81 | s | RES, CHIP 220 |
| R817 | 1-218-945-81 | s | RES, CHIP 220 |
| R818 | 1-218-945-81 | s | RES, CHIP 220 |
| R819 | 1-218-945-81 | s | RES, CHIP 220 |
| R900 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R901 | 1-208-916-81 | s | RES, CHIP 16K (1005) |
| R902 | 1-208-921-81 | s | RES, CHIP 27K (1005) |
| R904 | 1-218-977-81 | s | RES, CHIP 100K |
| R905 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R906 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R907 | 1-208-923-81 | s | RES, CHIP 33K (1005) |
| R908 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R909 | 1-208-913-81 | s | RES, CHIP 12K (1005) |
| R910 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R911 | 1-218-963-81 | s | RES, CHIP 6.8K |
| R912 | 1-218-973-81 | s | RES, CHIP 47K |
| R1001 | 1-218-975-81 | s | RES, CHIP 68K |
| R1002 | 1-218-983-81 | s | RES, CHIP 330K |

**KY-691 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R1003 | 1-218-973-81 | s | RES, CHIP 47K |
| R1004 | 1-208-916-81 | s | RES, CHIP 16K (1005) |
| R1005 | 1-208-921-81 | s | RES, CHIP 27K (1005) |
| R1007 | 1-218-977-81 | s | RES, CHIP 100K |
| R1008 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R1009 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R1011 | 1-218-975-81 | s | RES, CHIP 68K |
| R1012 | 1-218-983-81 | s | RES, CHIP 330K |
| R1013 | 1-218-973-81 | s | RES, CHIP 47K |
| R1014 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R1015 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R1016 | 1-218-963-81 | s | RES, CHIP 6.8K |
| R1018 | 1-218-975-81 | s | RES, CHIP 68K |
| R1019 | 1-218-983-81 | s | RES, CHIP 330K |
| R1020 | 1-218-973-81 | s | RES, CHIP 47K |
| R1023 | 1-218-975-81 | s | RES, CHIP 68K |
| R1024 | 1-218-975-81 | s | RES, CHIP 68K |
| R1025 | 1-218-983-81 | s | RES, CHIP 330K |
| R1026 | 1-218-973-81 | s | RES, CHIP 47K |
| R1027 | 1-218-983-81 | s | RES, CHIP 330K |
| R1028 | 1-218-973-81 | s | RES, CHIP 47K |
| R1029 | 1-218-973-81 | s | RES, CHIP 47K |
| R1100 | 1-218-941-81 | s | RES, CHIP 100 |
| RB201 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB202 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB203 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB204 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB300 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB301 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB302 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB303 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB304 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB305 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB306 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB307 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB310 | 1-234-375-21 | s | RES, NETWORK 1K (1005X4) |
| RB600 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB601 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB1100 | 1-234-372-21 | s | RES, NETWORK 100 (1005X4) |
| RB1101 | 1-234-377-21 | s | RES, NETWORK 4.7K (1005X4) |
| RB1102 | 1-234-377-21 | s | RES, NETWORK 4.7K (1005X4) |
| S300 | 1-572-595-21 | s | SWITCH, TACTILE (REFLOW TYPE) |
| S301 | 1-692-270-41 | s | SWITCH, SLIDE |
| TP400 | 1-535-757-21 | s | CHIP, CHECKER |
| TP401 | 1-535-757-21 | s | CHIP, CHECKER |
| TP402 | 1-535-757-21 | s | CHIP, CHECKER |
| TP403 | 1-535-757-21 | s | CHIP, CHECKER |
| TP404 | 1-535-757-21 | s | CHIP, CHECKER |
| X300 | 1-795-983-11 | s | OSCILLATOR, CRYSTAL |

## KY-692 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1883-253-A | s | MOUNTED CIRCUIT BOARD, KY-692 |
| C100 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C101 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| C102 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C0110 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0111 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0112 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |

## KY-692 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C0113 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0114 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0115 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0116 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0117 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0118 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0119 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0120 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C0121 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C0122 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C0123 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C0124 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0125 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0126 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0127 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0128 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0129 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0130 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0131 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0132 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0133 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0134 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0135 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0136 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0137 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0138 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C0139 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C200 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C201 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C202 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C203 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C204 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C300 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C301 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C302 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C303 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C304 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C305 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C307 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C308 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C309 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C400 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C401 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C402 | 1-100-672-91 | s | CAP, CERAMIC 10MF C (3216) |
| C403 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C404 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C405 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C406 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C407 | 1-164-935-81 | s | CAP, CHIP CERAMIC 470PF B 1005 |
| C408 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C409 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C410 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C411 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C412 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C413 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C414 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C415 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C418 | 1-164-866-81 | s | CAP, CHIP CERAMIC 47PF CH 1005 |
| C419 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C420 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C421 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C422 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C423 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C425 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C427 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |

## KY-692 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C437 | 1-100-421-21 | s | CAP, ELECT 220MF (6.3X5.9) |
| C444 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C445 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C446 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C447 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C448 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C449 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C450 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C451 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C452 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C453 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C500 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C501 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C502 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C503 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C504 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C505 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C506 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C507 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C508 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C600 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C601 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C602 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C603 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C604 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C605 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C606 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C800 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C801 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C802 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C803 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C804 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C805 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C806 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C807 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C808 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C809 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C810 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C811 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C812 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C813 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C814 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C815 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C900 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C901 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C902 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C903 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C904 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C905 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C906 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C907 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C908 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C909 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C910 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C911 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C912 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C913 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1000 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C1001 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1002 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1003 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1004 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1005 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C1006 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C1007 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |

## KY-692 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C1008 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1009 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1010 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1011 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1012 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1013 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1014 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1015 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1016 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1017 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1018 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1019 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1020 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1100 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1106 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| CN102 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN103 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN300 | 1-784-254-21 | s | CONNECTOR 10P |
| CN1100 | 1-778-646-31 | s | CONNECTOR, FFC/FPC(ZIF) ST 10P |
| D400 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D401 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D403 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D800 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D801 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D802 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D803 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D900 | 8-719-056-48 | s | DI 1SS388 |
| D901 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D1000 | 8-719-056-48 | s | DI 1SS388 |
| D1001 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D1100 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1101 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1102 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1103 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1104 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| E101 | 1-535-877-22 | s | CHIP, CHECKER |
| E102 | 1-535-877-22 | s | CHIP, CHECKER |
| E103 | 1-535-877-22 | s | CHIP, CHECKER |
| E104 | 1-535-877-22 | s | CHIP, CHECKER |
| E106 | 1-535-877-22 | s | CHIP, CHECKER |
| FB0110 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB300 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB400 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB401 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB402 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB403 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FL200 | 1-234-489-21 | s | FILTER, EMI |
| IC201 | 6-707-891-01 | s | IC TC74VHCT245AFT(EKJ) |
| IC202 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC203 | 8-759-549-15 | s | IC SN74LV245APWR |
| IC204 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC205 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC302 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC303 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC304 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC305 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC306 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC307 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC400 | 8-759-324-03 | s | IC HA17431UA-TL |
| IC401 | 6-713-727-01 | s | IC LTC3851EUD#TR |
| IC402 | 8-759-669-73 | s | IC TL082CPWR |
| IC500 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| IC501 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC502 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC503 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC504 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC600 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC601 | 6-712-387-01 | s | IC TC74VHC165FT(EKJ) |
| IC602 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC603 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC604 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC605 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC606 | 6-712-387-01 | s | IC TC74VHC165FT(EKJ) |
| IC1100 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| L400 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L402 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L403 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L404 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L405 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L900 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L901 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L1000 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L1001 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| LF103 | 1-400-814-21 | s | COIL, CHOKE |
| LF104 | 1-400-814-21 | s | COIL, CHOKE |
| LF105 | 1-400-814-21 | s | COIL, CHOKE |
| LF106 | 1-400-814-21 | s | COIL, CHOKE |
| LF107 | 1-400-814-21 | s | COIL, CHOKE |
| LF108 | 1-400-814-21 | s | COIL, CHOKE |
| PH700 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH701 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH702 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH703 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH704 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH705 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH706 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH707 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH708 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH709 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH710 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH711 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH712 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH713 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH714 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH715 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH716 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH717 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH718 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH719 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH720 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH721 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH722 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH723 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH724 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH725 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH726 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH727 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH728 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH729 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH730 | 8-719-069-53 | s | DIODE CPI-210-T |
| Q300 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q301 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q302 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q303 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q400 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| Q401 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q405 | 8-729-928-37 | s | TRANSISTOR DTA114EE-TL |
| Q407 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q500 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q501 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q502 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q503 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q504 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q505 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q506 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q507 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q508 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q509 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q510 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q511 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q512 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q513 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q600 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q601 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q602 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q603 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q604 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q605 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q900 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q1000 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| R100 | 1-218-933-81 | s | RES, CHIP 22 |
| R200 | 1-218-933-81 | s | RES, CHIP 22 |
| R201 | 1-218-933-81 | s | RES, CHIP 22 |
| R202 | 1-218-933-81 | s | RES, CHIP 22 |
| R203 | 1-218-933-81 | s | RES, CHIP 22 |
| R204 | 1-218-933-81 | s | RES, CHIP 22 |
| R205 | 1-218-933-81 | s | RES, CHIP 22 |
| R206 | 1-218-933-81 | s | RES, CHIP 22 |
| R207 | 1-218-933-81 | s | RES, CHIP 22 |
| R208 | 1-218-973-81 | s | RES, CHIP 47K |
| R209 | 1-218-973-81 | s | RES, CHIP 47K |
| R304 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R305 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R306 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R307 | 1-218-933-81 | s | RES, CHIP 22 |
| R309 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R310 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R311 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R318 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R325 | 1-218-933-81 | s | RES, CHIP 22 |
| R326 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R327 | 1-218-933-81 | s | RES, CHIP 22 |
| R328 | 1-218-933-81 | s | RES, CHIP 22 |
| R329 | 1-218-933-81 | s | RES, CHIP 22 |
| R330 | 1-218-933-81 | s | RES, CHIP 22 |
| R331 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R332 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R333 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R334 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R341 | 1-218-933-81 | s | RES, CHIP 22 |
| R343 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R344 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R345 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R346 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R347 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R348 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R350 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R400 | 1-218-977-81 | s | RES, CHIP 100K |
| R401 | 1-218-945-81 | s | RES, CHIP 220 |
| R402 | 1-218-977-81 | s | RES, CHIP 100K |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R403 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R404 | 1-218-960-81 | s | RES, CHIP 3.9K |
| R405 | 1-218-955-81 | s | RES, CHIP 1.5K |
| R406 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R407 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R408 | 1-218-949-81 | s | RES, CHIP 470 |
| R409 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R410 | 1-218-929-81 | s | RES, CHIP 10 |
| R411 | 1-218-929-81 | s | RES, CHIP 10 |
| R412 | 1-219-684-21 | s | RES, CHIP (SQUARE TYPE) 0.01 |
| R413 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R414 | 1-208-943-81 | s | RES, CHIP 220K (1005) |
| R415 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R416 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R417 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R418 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R419 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R420 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R421 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R422 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R423 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R424 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R425 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R426 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R427 | 1-208-931-81 | s | RES, CHIP 68K (1005) |
| R428 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R429 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R436 | 1-218-973-81 | s | RES, CHIP 47K |
| R500 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R501 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R502 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R503 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R504 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R505 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R506 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R507 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R508 | 1-218-933-81 | s | RES, CHIP 22 |
| R509 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R510 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R511 | 1-218-933-81 | s | RES, CHIP 22 |
| R512 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R513 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R514 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R515 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R516 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R517 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R518 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R519 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R600 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R601 | 1-218-933-81 | s | RES, CHIP 22 |
| R602 | 1-218-933-81 | s | RES, CHIP 22 |
| R700 | 1-218-945-81 | s | RES, CHIP 220 |
| R701 | 1-218-945-81 | s | RES, CHIP 220 |
| R702 | 1-218-945-81 | s | RES, CHIP 220 |
| R703 | 1-218-945-81 | s | RES, CHIP 220 |
| R704 | 1-218-945-81 | s | RES, CHIP 220 |
| R705 | 1-218-945-81 | s | RES, CHIP 220 |
| R706 | 1-218-945-81 | s | RES, CHIP 220 |
| R707 | 1-218-945-81 | s | RES, CHIP 220 |
| R708 | 1-218-945-81 | s | RES, CHIP 220 |
| R709 | 1-218-945-81 | s | RES, CHIP 220 |
| R710 | 1-218-945-81 | s | RES, CHIP 220 |
| R711 | 1-218-945-81 | s | RES, CHIP 220 |
| R712 | 1-218-945-81 | s | RES, CHIP 220 |
| R713 | 1-218-945-81 | s | RES, CHIP 220 |

**KY-692 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R714 | 1-218-945-81 | s | RES, CHIP 220 |
| R715 | 1-218-945-81 | s | RES, CHIP 220 |
| R716 | 1-218-945-81 | s | RES, CHIP 220 |
| R717 | 1-218-945-81 | s | RES, CHIP 220 |
| R718 | 1-218-945-81 | s | RES, CHIP 220 |
| R719 | 1-218-945-81 | s | RES, CHIP 220 |
| R720 | 1-218-945-81 | s | RES, CHIP 220 |
| R721 | 1-218-945-81 | s | RES, CHIP 220 |
| R722 | 1-218-945-81 | s | RES, CHIP 220 |
| R723 | 1-218-945-81 | s | RES, CHIP 220 |
| R724 | 1-218-945-81 | s | RES, CHIP 220 |
| R725 | 1-218-945-81 | s | RES, CHIP 220 |
| R726 | 1-218-945-81 | s | RES, CHIP 220 |
| R727 | 1-218-945-81 | s | RES, CHIP 220 |
| R728 | 1-218-945-81 | s | RES, CHIP 220 |
| R729 | 1-218-945-81 | s | RES, CHIP 220 |
| R730 | 1-218-945-81 | s | RES, CHIP 220 |
| R900 | 1-208-916-81 | s | RES, CHIP 16K (1005) |
| R901 | 1-208-921-81 | s | RES, CHIP 27K (1005) |
| R902 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R904 | 1-218-977-81 | s | RES, CHIP 100K |
| R905 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R906 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R907 | 1-208-923-81 | s | RES, CHIP 33K (1005) |
| R908 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R909 | 1-208-913-81 | s | RES, CHIP 12K (1005) |
| R910 | 1-218-963-81 | s | RES, CHIP 6.8K |
| R911 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R912 | 1-218-973-81 | s | RES, CHIP 47K |
| R1001 | 1-218-975-81 | s | RES, CHIP 68K |
| R1002 | 1-218-983-81 | s | RES, CHIP 330K |
| R1003 | 1-218-973-81 | s | RES, CHIP 47K |
| R1004 | 1-208-916-81 | s | RES, CHIP 16K (1005) |
| R1005 | 1-208-921-81 | s | RES, CHIP 27K (1005) |
| R1007 | 1-218-977-81 | s | RES, CHIP 100K |
| R1008 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R1009 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R1011 | 1-218-975-81 | s | RES, CHIP 68K |
| R1012 | 1-218-983-81 | s | RES, CHIP 330K |
| R1013 | 1-218-973-81 | s | RES, CHIP 47K |
| R1014 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R1015 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R1016 | 1-218-963-81 | s | RES, CHIP 6.8K |
| R1018 | 1-218-975-81 | s | RES, CHIP 68K |
| R1019 | 1-218-983-81 | s | RES, CHIP 330K |
| R1020 | 1-218-973-81 | s | RES, CHIP 47K |
| R1023 | 1-218-975-81 | s | RES, CHIP 68K |
| R1024 | 1-218-975-81 | s | RES, CHIP 68K |
| R1025 | 1-218-983-81 | s | RES, CHIP 330K |
| R1026 | 1-218-973-81 | s | RES, CHIP 47K |
| R1027 | 1-218-983-81 | s | RES, CHIP 330K |
| R1028 | 1-218-973-81 | s | RES, CHIP 47K |
| R1029 | 1-218-973-81 | s | RES, CHIP 47K |
| R1100 | 1-218-941-81 | s | RES, CHIP 100 |
| RB200 | 1-234-380-21 | s | RES, NETWORK 47K (1005X4) |
| RB201 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB202 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB203 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB204 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB300 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB301 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB302 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB303 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB304 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB305 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |

**KY-692 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| RB306 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB307 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB310 | 1-234-375-21 | s | RES, NETWORK 1K (1005X4) |
| RB600 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB601 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB602 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB603 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB1100 | 1-234-372-21 | s | RES, NETWORK 100 (1005X4) |
| RB1101 | 1-234-377-21 | s | RES, NETWORK 4.7K (1005X4) |
| RB1102 | 1-234-377-21 | s | RES, NETWORK 4.7K (1005X4) |
| S300 | 1-572-595-21 | s | SWITCH, TACTILE (REFLOW TYPE) |
| S301 | 1-692-270-41 | s | SWITCH, SLIDE |
| S800 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S801 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S802 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S803 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S804 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S805 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S806 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S807 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| TP400 | 1-535-757-21 | s | CHIP, CHECKER |
| TP401 | 1-535-757-21 | s | CHIP, CHECKER |
| TP402 | 1-535-757-21 | s | CHIP, CHECKER |
| TP403 | 1-535-757-21 | s | CHIP, CHECKER |
| TP404 | 1-535-757-21 | s | CHIP, CHECKER |
| TP405 | 1-535-757-21 | s | CHIP, CHECKER |
| X300 | 1-795-983-11 | s | OSCILLATOR, CRYSTAL |

## KY-693 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1883-254-A | s | MOUNTED CIRCUIT BOARD, KY-693 |
| C100 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C101 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| C102 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C110 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C111 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C112 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C113 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C114 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C115 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C116 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C117 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C118 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C119 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C120 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C121 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C122 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C123 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C124 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C125 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C126 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C127 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C128 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C129 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C130 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C131 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C132 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C133 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C134 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |

## KY-693 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C135 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C136 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C137 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C138 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C139 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C200 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C201 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C202 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C203 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C204 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C300 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C301 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C302 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C304 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C305 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C307 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C308 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C309 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C400 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C401 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C402 | 1-100-672-91 | s | CAP, CERAMIC 10MF C (3216) |
| C403 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C404 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C405 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C406 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C407 | 1-164-935-81 | s | CAP, CHIP CERAMIC 470PF B 1005 |
| C408 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C409 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C410 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C411 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C412 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C413 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C414 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C415 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C416 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C417 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C418 | 1-164-866-81 | s | CAP, CHIP CERAMIC 47PF CH 1005 |
| C419 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C420 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C421 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C422 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C423 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C424 | 1-100-597-91 | s | CAP, CHIP CERAMIC 0.1MF B 1608 |
| C425 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C426 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C427 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C437 | 1-100-421-21 | s | CAP, ELECT 220MF (6.3X5.9) |
| C444 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C445 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C446 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C447 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C448 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C449 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C450 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C451 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C452 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C453 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C500 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C501 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C502 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C503 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C504 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C505 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C506 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C507 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |

## KY-693 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C508 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C509 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C600 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C601 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C602 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C603 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C604 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C605 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C606 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C800 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C801 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C802 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C803 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C804 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C805 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C806 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C807 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C808 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C809 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C810 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C811 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C812 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C813 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C814 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C815 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C816 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C817 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C818 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C819 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C820 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C821 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C822 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C823 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C824 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C825 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C826 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C827 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C828 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C829 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C830 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C831 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C900 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C901 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C902 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C903 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C904 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C905 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C906 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C907 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C908 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C909 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1000 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C1001 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1002 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1003 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1004 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1005 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C1006 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C1007 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1008 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1009 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1010 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1011 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1012 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1013 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C1014 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1015 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1016 | 1-112-298-91 | s | CAP, CERAMIC 1MF B (1608) |
| C1017 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C1100 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1101 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C1102 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C1103 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C1104 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C1105 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C1106 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C1107 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C1108 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C1109 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C1110 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| CN101 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN300 | 1-784-254-21 | s | CONNECTOR 10P |
| CN1100 | 1-778-965-21 | s | CONNECTOR 12P |
| D400 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D401 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D402 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D403 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D800 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D801 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D802 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D803 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D804 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D805 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D806 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D807 | 8-719-024-83 | s | DIODE 1SS301-TE85L |
| D900 | 8-719-056-48 | s | DI 1SS388 |
| D901 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D1000 | 8-719-056-48 | s | DI 1SS388 |
| D1001 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D1100 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1101 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1102 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1103 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1104 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1105 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1106 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D1107 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| E101 | 1-535-877-22 | s | CHIP, CHECKER |
| E102 | 1-535-877-22 | s | CHIP, CHECKER |
| E103 | 1-535-877-22 | s | CHIP, CHECKER |
| E104 | 1-535-877-22 | s | CHIP, CHECKER |
| FB110 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB300 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB400 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB401 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB402 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB403 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FL200 | 1-234-489-21 | s | FILTER, EMI |
| FL202 | 1-234-489-21 | s | FILTER, EMI |
| IC201 | 6-707-891-01 | s | IC TC74VHCT245AFT(EKJ) |
| IC202 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC203 | 8-759-549-15 | s | IC SN74LV245APWR |
| IC204 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC205 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC302 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC303 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC304 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC306 | 6-708-324-01 | s | IC R3112N301A-TR-FE |

## KY-693 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| IC307 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC400 | 8-759-324-03 | s | IC HA17431UA-TL |
| IC401 | 6-713-727-01 | s | IC LTC3851EUD#TR |
| IC402 | 8-759-669-73 | s | IC TL082CPWR |
| IC403 | 8-759-669-73 | s | IC TL082CPWR |
| IC500 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC501 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC502 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC503 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC504 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC600 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC601 | 6-712-387-01 | s | IC TC74VHC165FT(EKJ) |
| IC602 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC603 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC604 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC605 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC606 | 6-712-387-01 | s | IC TC74VHC165FT(EKJ) |
| IC1100 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC1101 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| L400 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L402 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L403 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L404 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L405 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L900 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L901 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L1000 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L1001 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| LF100 | 1-400-814-21 | s | COIL, CHOKE |
| LF101 | 1-400-814-21 | s | COIL, CHOKE |
| LF102 | 1-400-814-21 | s | COIL, CHOKE |
| PH700 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH701 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH702 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH703 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH704 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH705 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH706 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH707 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH708 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH709 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH710 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH711 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH712 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH713 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH714 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH715 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH716 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH717 | 8-719-069-53 | s | DIODE CPI-210-T |
| Q300 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q301 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q302 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q303 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q400 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q401 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q405 | 8-729-928-37 | s | TRANSISTOR DTA114EE-TL |
| Q406 | 8-729-928-37 | s | TRANSISTOR DTA114EE-TL |
| Q407 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q500 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q501 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q502 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q503 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q504 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |

## KY-693 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| Q505 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q506 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q507 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q508 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q509 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q510 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q511 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q512 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q513 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q514 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q515 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q600 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q601 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q602 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q603 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q604 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q605 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q606 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q607 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q900 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q1000 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| R100 | 1-218-933-81 | s | RES, CHIP 22 |
| R114 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R115 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R200 | 1-218-933-81 | s | RES, CHIP 22 |
| R201 | 1-218-933-81 | s | RES, CHIP 22 |
| R202 | 1-218-933-81 | s | RES, CHIP 22 |
| R203 | 1-218-933-81 | s | RES, CHIP 22 |
| R204 | 1-218-933-81 | s | RES, CHIP 22 |
| R205 | 1-218-933-81 | s | RES, CHIP 22 |
| R206 | 1-218-933-81 | s | RES, CHIP 22 |
| R207 | 1-218-933-81 | s | RES, CHIP 22 |
| R208 | 1-218-973-81 | s | RES, CHIP 47K |
| R209 | 1-218-973-81 | s | RES, CHIP 47K |
| R304 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R305 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R306 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R307 | 1-218-933-81 | s | RES, CHIP 22 |
| R309 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R310 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R311 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R318 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R325 | 1-218-933-81 | s | RES, CHIP 22 |
| R326 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R327 | 1-218-933-81 | s | RES, CHIP 22 |
| R328 | 1-218-933-81 | s | RES, CHIP 22 |
| R329 | 1-218-933-81 | s | RES, CHIP 22 |
| R330 | 1-218-933-81 | s | RES, CHIP 22 |
| R331 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R332 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R333 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R334 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R339 | 1-218-933-81 | s | RES, CHIP 22 |
| R341 | 1-218-933-81 | s | RES, CHIP 22 |
| R343 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R344 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R345 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R346 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R348 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R350 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R400 | 1-218-977-81 | s | RES, CHIP 100K |
| R401 | 1-218-945-81 | s | RES, CHIP 220 |
| R402 | 1-218-977-81 | s | RES, CHIP 100K |
| R403 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R404 | 1-218-960-81 | s | RES, CHIP 3.9K |

## KY-693 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R405 | 1-218-955-81 | s | RES, CHIP 1.5K |
| R406 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R407 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R408 | 1-218-949-81 | s | RES, CHIP 470 |
| R409 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R410 | 1-218-929-81 | s | RES, CHIP 10 |
| R411 | 1-218-929-81 | s | RES, CHIP 10 |
| R412 | 1-219-684-21 | s | RES, CHIP (SQUARE TYPE) 0.01 |
| R413 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R414 | 1-208-943-81 | s | RES, CHIP 220K (1005) |
| R415 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R416 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R417 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R418 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R419 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R420 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R421 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R422 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R423 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R424 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R425 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R426 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R427 | 1-208-931-81 | s | RES, CHIP 68K (1005) |
| R428 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R429 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R436 | 1-218-973-81 | s | RES, CHIP 47K |
| R500 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R501 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R502 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R503 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R504 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R505 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R506 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R507 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R508 | 1-218-933-81 | s | RES, CHIP 22 |
| R509 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R510 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R511 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R512 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R513 | 1-218-933-81 | s | RES, CHIP 22 |
| R514 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R515 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R516 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R517 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R518 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R519 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R520 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R521 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R600 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R601 | 1-218-933-81 | s | RES, CHIP 22 |
| R602 | 1-218-933-81 | s | RES, CHIP 22 |
| R700 | 1-218-945-81 | s | RES, CHIP 220 |
| R701 | 1-218-945-81 | s | RES, CHIP 220 |
| R702 | 1-218-945-81 | s | RES, CHIP 220 |
| R703 | 1-218-945-81 | s | RES, CHIP 220 |
| R704 | 1-218-945-81 | s | RES, CHIP 220 |
| R705 | 1-218-945-81 | s | RES, CHIP 220 |
| R706 | 1-218-945-81 | s | RES, CHIP 220 |
| R707 | 1-218-945-81 | s | RES, CHIP 220 |
| R708 | 1-218-945-81 | s | RES, CHIP 220 |
| R709 | 1-218-945-81 | s | RES, CHIP 220 |
| R710 | 1-218-945-81 | s | RES, CHIP 220 |
| R711 | 1-218-945-81 | s | RES, CHIP 220 |
| R712 | 1-218-945-81 | s | RES, CHIP 220 |
| R713 | 1-218-945-81 | s | RES, CHIP 220 |

**KY-693 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R714 | 1-218-945-81 | s | RES, CHIP 220 |
| R715 | 1-218-945-81 | s | RES, CHIP 220 |
| R716 | 1-218-945-81 | s | RES, CHIP 220 |
| R717 | 1-218-945-81 | s | RES, CHIP 220 |
| R900 | 1-208-916-81 | s | RES, CHIP 16K (1005) |
| R901 | 1-208-921-81 | s | RES, CHIP 27K (1005) |
| R902 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R904 | 1-218-977-81 | s | RES, CHIP 100K |
| R905 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R906 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R907 | 1-208-923-81 | s | RES, CHIP 33K (1005) |
| R908 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R909 | 1-208-913-81 | s | RES, CHIP 12K (1005) |
| R910 | 1-218-963-81 | s | RES, CHIP 6.8K |
| R911 | 1-218-973-81 | s | RES, CHIP 47K |
| R1001 | 1-218-975-81 | s | RES, CHIP 68K |
| R1002 | 1-208-916-81 | s | RES, CHIP 16K (1005) |
| R1003 | 1-208-921-81 | s | RES, CHIP 27K (1005) |
| R1004 | 1-218-983-81 | s | RES, CHIP 330K |
| R1005 | 1-218-973-81 | s | RES, CHIP 47K |
| R1007 | 1-218-977-81 | s | RES, CHIP 100K |
| R1008 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R1010 | 1-218-975-81 | s | RES, CHIP 68K |
| R1011 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R1012 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R1013 | 1-218-983-81 | s | RES, CHIP 330K |
| R1014 | 1-218-973-81 | s | RES, CHIP 47K |
| R1015 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R1017 | 1-218-975-81 | s | RES, CHIP 68K |
| R1018 | 1-218-983-81 | s | RES, CHIP 330K |
| R1019 | 1-218-973-81 | s | RES, CHIP 47K |
| R1021 | 1-218-975-81 | s | RES, CHIP 68K |
| R1022 | 1-218-983-81 | s | RES, CHIP 330K |
| R1023 | 1-218-973-81 | s | RES, CHIP 47K |
| R1024 | 1-218-963-81 | s | RES, CHIP 6.8K |
| R1025 | 1-218-973-81 | s | RES, CHIP 47K |
| RB200 | 1-234-380-21 | s | RES, NETWORK 47K (1005X4) |
| RB201 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB202 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB203 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB204 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB300 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB301 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB302 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB303 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB304 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB305 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB310 | 1-234-375-21 | s | RES, NETWORK 1K (1005X4) |
| RB600 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB601 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB602 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB603 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB1100 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB1101 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| S300 | 1-572-595-21 | s | SWITCH, TACTILE (REFLOW TYPE) |
| S301 | 1-692-270-41 | s | SWITCH, SLIDE |
| S800 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S801 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S802 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S803 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S804 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S805 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S806 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S807 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |

**KY-693 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| S808 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S809 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S810 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S811 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S812 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S813 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S814 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| S815 | 1-798-457-11 | s | SWITCH, TACTILE (WITH LCD) |
| TP400 | 1-535-757-21 | s | CHIP, CHECKER |
| TP401 | 1-535-757-21 | s | CHIP, CHECKER |
| TP402 | 1-535-757-21 | s | CHIP, CHECKER |
| TP403 | 1-535-757-21 | s | CHIP, CHECKER |
| TP404 | 1-535-757-21 | s | CHIP, CHECKER |
| TP405 | 1-535-757-21 | s | CHIP, CHECKER |
| X300 | 1-795-983-11 | s | OSCILLATOR, CRYSTAL |

## KY-694 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1883-255-A | s | MOUNTED CIRCUIT BOARD, KY-694 |
| C100 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C101 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| C102 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C110 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C111 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C112 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C113 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C114 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C115 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C116 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C117 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C118 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C119 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C120 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C121 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C122 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C123 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C124 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C125 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C126 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C127 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C128 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C129 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C130 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C131 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C132 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C133 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C134 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C135 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C136 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C137 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C138 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C139 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C200 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C203 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C204 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C304 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C305 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C307 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C308 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |

## KY-694 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C309 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C400 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C401 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C402 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C403 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C404 | 1-164-935-81 | s | CAP, CHIP CERAMIC 470PF B 1005 |
| C405 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C406 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C407 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C408 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C409 | 1-164-866-81 | s | CAP, CHIP CERAMIC 47PF CH 1005 |
| C410 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C411 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C412 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C413 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C414 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C415 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C416 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C426 | 1-100-421-21 | s | CAP, ELECT 220MF (6.3X5.9) |
| C433 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C434 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C435 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C436 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C448 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C449 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C450 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C451 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C452 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C453 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C500 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C501 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C502 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C503 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C504 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C505 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C506 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C507 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C508 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C509 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C600 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C601 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C602 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C603 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C604 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C605 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C900 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C901 | 1-164-874-81 | s | CAP,CHIP CERAMIC 100PF CH 1005 |
| C902 | 1-164-874-81 | s | CAP,CHIP CERAMIC 100PF CH 1005 |
| C903 | 1-164-874-81 | s | CAP,CHIP CERAMIC 100PF CH 1005 |
| C904 | 1-164-874-81 | s | CAP,CHIP CERAMIC 100PF CH 1005 |
| C905 | 1-164-874-81 | s | CAP,CHIP CERAMIC 100PF CH 1005 |
| C906 | 1-164-874-81 | s | CAP,CHIP CERAMIC 100PF CH 1005 |
| C907 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| CN101 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN300 | 1-784-254-21 | s | CONNECTOR 10P |
| CN900 | 1-779-806-21 | s | CONNECTOR 8P |
| D400 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D403 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D900 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D901 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D902 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D903 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D904 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |
| D905 | 8-719-069-55 | s | DI UDZSUSTE-175.6B |

## KY-694 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| E101 | 1-535-877-22 | s | CHIP, CHECKER |
| E102 | 1-535-877-22 | s | CHIP, CHECKER |
| E104 | 1-535-877-22 | s | CHIP, CHECKER |
| FB110 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB300 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB400 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB401 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB402 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB403 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| IC202 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC204 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC205 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC306 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC307 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC400 | 6-713-727-01 | s | IC LTC3851EUD#TR |
| IC500 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC501 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC502 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC503 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC504 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC600 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC601 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC602 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC603 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC604 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC605 | 6-712-387-01 | s | IC TC74VHC165FT(EKJ) |
| IC900 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| L400 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L402 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L403 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L404 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L405 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| LF001 | 1-400-814-21 | s | COIL, CHOKE |
| LF002 | 1-400-814-21 | s | COIL, CHOKE |
| LF003 | 1-400-814-21 | s | COIL, CHOKE |
| PH700 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH701 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH702 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH703 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH704 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH705 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH706 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH707 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH708 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH709 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH710 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH711 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH712 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH713 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH714 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH715 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH716 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH717 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH800 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH801 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH802 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH803 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH804 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH805 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH806 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH807 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH808 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH809 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH810 | 8-719-069-53 | s | DIODE CPI-210-T |

## KY-694 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| PH811 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH812 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH813 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH814 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH815 | 8-719-069-53 | s | DIODE CPI-210-T |
| Q400 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q401 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q500 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q501 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q502 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q503 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q504 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q505 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q506 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q507 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q508 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q509 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q510 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q511 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q512 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q513 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q514 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q600 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q601 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q602 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q603 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q604 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| R100 | 1-218-933-81 | s | RES, CHIP 22 |
| R114 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R115 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R200 | 1-218-933-81 | s | RES, CHIP 22 |
| R201 | 1-218-933-81 | s | RES, CHIP 22 |
| R202 | 1-218-933-81 | s | RES, CHIP 22 |
| R209 | 1-218-973-81 | s | RES, CHIP 47K |
| R306 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R307 | 1-218-933-81 | s | RES, CHIP 22 |
| R309 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R310 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R311 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R318 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R325 | 1-218-933-81 | s | RES, CHIP 22 |
| R326 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R327 | 1-218-933-81 | s | RES, CHIP 22 |
| R328 | 1-218-933-81 | s | RES, CHIP 22 |
| R329 | 1-218-933-81 | s | RES, CHIP 22 |
| R330 | 1-218-933-81 | s | RES, CHIP 22 |
| R331 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R332 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R333 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R334 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R340 | 1-218-933-81 | s | RES, CHIP 22 |
| R341 | 1-218-933-81 | s | RES, CHIP 22 |
| R343 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R344 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R345 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R346 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R347 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R350 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R400 | 1-218-977-81 | s | RES, CHIP 100K |
| R401 | 1-218-977-81 | s | RES, CHIP 100K |
| R402 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R403 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R404 | 1-218-929-81 | s | RES, CHIP 10 |
| R405 | 1-218-929-81 | s | RES, CHIP 10 |

## KY-694 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R406 | 1-219-684-21 | s | RES, CHIP (SQUARE TYPE) 0.01 |
| R407 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R408 | 1-208-943-81 | s | RES, CHIP 220K (1005) |
| R409 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R410 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R411 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R418 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R419 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R420 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R421 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R422 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R423 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R424 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R425 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R426 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R427 | 1-208-931-81 | s | RES, CHIP 68K (1005) |
| R428 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R429 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R500 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R501 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R502 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R503 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R504 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R505 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R506 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R507 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R508 | 1-218-933-81 | s | RES, CHIP 22 |
| R509 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R510 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R511 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R512 | 1-218-933-81 | s | RES, CHIP 22 |
| R513 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R514 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R515 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R516 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R517 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R518 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R519 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R520 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R600 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R601 | 1-218-933-81 | s | RES, CHIP 22 |
| R700 | 1-218-945-81 | s | RES, CHIP 220 |
| R701 | 1-218-945-81 | s | RES, CHIP 220 |
| R702 | 1-218-945-81 | s | RES, CHIP 220 |
| R703 | 1-218-945-81 | s | RES, CHIP 220 |
| R704 | 1-218-945-81 | s | RES, CHIP 220 |
| R705 | 1-218-945-81 | s | RES, CHIP 220 |
| R706 | 1-218-945-81 | s | RES, CHIP 220 |
| R707 | 1-218-945-81 | s | RES, CHIP 220 |
| R708 | 1-218-945-81 | s | RES, CHIP 220 |
| R709 | 1-218-945-81 | s | RES, CHIP 220 |
| R710 | 1-218-945-81 | s | RES, CHIP 220 |
| R711 | 1-218-945-81 | s | RES, CHIP 220 |
| R712 | 1-218-945-81 | s | RES, CHIP 220 |
| R713 | 1-218-945-81 | s | RES, CHIP 220 |
| R714 | 1-218-945-81 | s | RES, CHIP 220 |
| R715 | 1-218-945-81 | s | RES, CHIP 220 |
| R716 | 1-218-945-81 | s | RES, CHIP 220 |
| R717 | 1-218-945-81 | s | RES, CHIP 220 |
| R800 | 1-218-945-81 | s | RES, CHIP 220 |
| R801 | 1-218-945-81 | s | RES, CHIP 220 |
| R802 | 1-218-945-81 | s | RES, CHIP 220 |
| R803 | 1-218-945-81 | s | RES, CHIP 220 |
| R804 | 1-218-945-81 | s | RES, CHIP 220 |
| R805 | 1-218-945-81 | s | RES, CHIP 220 |

**KY-694 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R806 | 1-218-945-81 | s | RES, CHIP 220 |
| R807 | 1-218-945-81 | s | RES, CHIP 220 |
| R808 | 1-218-945-81 | s | RES, CHIP 220 |
| R809 | 1-218-945-81 | s | RES, CHIP 220 |
| R810 | 1-218-945-81 | s | RES, CHIP 220 |
| R811 | 1-218-945-81 | s | RES, CHIP 220 |
| R812 | 1-218-945-81 | s | RES, CHIP 220 |
| R813 | 1-218-945-81 | s | RES, CHIP 220 |
| R814 | 1-218-945-81 | s | RES, CHIP 220 |
| R815 | 1-218-945-81 | s | RES, CHIP 220 |
| RB201 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB202 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB203 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB204 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB310 | 1-234-375-21 | s | RES, NETWORK 1K (1005X4) |
| RB600 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB601 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB900 | 1-234-372-21 | s | RES, NETWORK 100 (1005X4) |
| RB901 | 1-234-372-21 | s | RES, NETWORK 100 (1005X4) |
| RB902 | 1-234-380-21 | s | RES, NETWORK 47K (1005X4) |
| RB903 | 1-234-380-21 | s | RES, NETWORK 47K (1005X4) |
| S300 | 1-572-595-21 | s | SWITCH, TACTILE (REFLOW TYPE) |
| S301 | 1-692-270-41 | s | SWITCH, SLIDE |
| TP400 | 1-535-757-21 | s | CHIP, CHECKER |
| TP401 | 1-535-757-21 | s | CHIP, CHECKER |
| TP402 | 1-535-757-21 | s | CHIP, CHECKER |
| TP403 | 1-535-757-21 | s | CHIP, CHECKER |
| TP404 | 1-535-757-21 | s | CHIP, CHECKER |
| X300 | 1-795-983-11 | s | OSCILLATOR, CRYSTAL |

## KY-695 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1883-261-A | s | MOUNTED CIRCUIT BOARD, KY-695 |
| C101 | 1-126-399-21 | s | CAP, CHIP ELECT 10MF (5X5.7) |
| C102 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C103 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C104 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C105 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C106 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C107 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C108 | 1-114-219-21 | s | CAP, CERAMIC 1MF C (1005) |
| C109 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C110 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C111 | 1-114-219-21 | s | CAP, CERAMIC 1MF C (1005) |
| C112 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C113 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C114 | 1-114-219-21 | s | CAP, CERAMIC 1MF C (1005) |
| C115 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C116 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C117 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C118 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C119 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C120 | 1-114-219-21 | s | CAP, CERAMIC 1MF C (1005) |
| C121 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C122 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C201 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C202 | 1-112-800-11 | s | CAP, ELECT 100MF |
| C203 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |

**KY-695 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C204 | 1-164-935-81 | s | CAP, CHIP CERAMIC 470PF B 1005 |
| C205 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C206 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C207 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C208 | 1-164-882-81 | s | CAP,CHIP CERAMIC 220PF CH 1005 |
| C209 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C210 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C211 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C212 | 1-112-800-11 | s | CAP, ELECT 100MF |
| C213 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C214 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C215 | 1-114-983-91 | s | CAP, CHIP CERAMIC 2.2MF B 1608 |
| C216 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C217 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C218 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C219 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C220 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C221 | 1-116-709-11 | s | CAP, CERAMIC 22MF X5R 3225 |
| C222 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C223 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C224 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C230 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C231 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C232 | 1-112-800-11 | s | CAP, ELECT 100MF |
| C233 | 1-112-800-11 | s | CAP, ELECT 100MF |
| C234 | 1-112-800-11 | s | CAP, ELECT 100MF |
| C235 | 1-112-800-11 | s | CAP, ELECT 100MF |
| C236 | 1-112-800-11 | s | CAP, ELECT 100MF |
| C237 | 1-112-800-11 | s | CAP, ELECT 100MF |
| C238 | 1-112-800-11 | s | CAP, ELECT 100MF |
| C239 | 1-112-800-11 | s | CAP, ELECT 100MF |
| C240 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C241 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C242 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C243 | 1-164-866-81 | s | CAP, CHIP CERAMIC 47PF CH 1005 |
| C301 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C302 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C303 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C305 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C306 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C401 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C402 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C403 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C404 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C405 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C406 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C407 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| CN101 | 1-778-336-21 | s | PIN, CONNECTOR (PC BOARD) 14P |
| CN102 | 1-816-755-21 | s | CONNECTOR (SM20B-SRSS-TB) |
| CN103 | 1-817-109-11 | s | CONNECTOR, USB (A) |
| D101 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D102 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D103 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D104 | 6-502-949-01 | s | DI RSAC6.8CST2RA |
| D201 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D202 | 6-501-124-01 | s | DIODE RSX101VA-30TR |
| D203 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D204 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0501 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0502 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0503 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0504 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0505 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0506 | 6-502-598-01 | s | DI SML-D12U8WT86 |

## KY-695 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| D0507 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0508 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0509 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0510 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0511 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0512 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0513 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0514 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0515 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0516 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0517 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0518 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0519 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0520 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0521 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0522 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0523 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0524 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0525 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0526 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0527 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0528 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0529 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0530 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0531 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0532 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0533 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0534 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0535 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0536 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0537 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0538 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0539 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0540 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0541 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0542 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0543 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0544 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0545 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0546 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0547 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0548 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0549 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0550 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0551 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0552 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0553 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0554 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0555 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0556 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0557 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0558 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0559 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0560 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0561 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0562 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0563 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0564 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0565 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0566 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0567 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0568 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0569 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0570 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0571 | 6-502-598-01 | s | DI SML-D12U8WT86 |

KY-695 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| D0572 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0573 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0574 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0575 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0576 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0577 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0578 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0579 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0580 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0581 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0582 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0583 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0584 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0585 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0586 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0587 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0588 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0589 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0590 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0591 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0592 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0593 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0594 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0595 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0596 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0597 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0598 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0599 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0600 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0601 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0602 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0603 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0604 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0605 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0606 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0607 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0608 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0609 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0610 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0611 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0612 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0613 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0614 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0615 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0616 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0617 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0618 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0619 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0620 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0621 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0622 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0623 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0624 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0625 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0626 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0627 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0628 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0629 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0630 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0631 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0632 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0633 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0634 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0635 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0636 | 6-502-197-01 | s | DI SML-D12M8WT86SM |

## KY-695 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| D0637 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0638 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0639 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0640 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0641 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0642 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0643 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0644 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0645 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0646 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0647 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0648 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0649 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0650 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0651 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0652 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0653 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0654 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0655 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0656 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0657 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0658 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0659 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0660 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0661 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0662 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0663 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0664 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0665 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0666 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0667 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0668 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0669 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0670 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0671 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0672 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0673 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0674 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0675 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0676 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0677 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0678 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0679 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0680 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0681 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0682 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0683 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0684 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0685 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0686 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0687 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0688 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0689 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0690 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0691 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0692 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0693 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0694 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0695 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0696 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0697 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0698 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0699 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0700 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0701 | 6-502-598-01 | s | DI SML-D12U8WT86 |

## KY-695 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| D0702 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0703 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0704 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0705 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0706 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0707 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0708 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0709 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0710 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0711 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0712 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0713 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0714 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0715 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0716 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0717 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0718 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0719 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0720 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0721 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0722 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0723 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0724 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0725 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0726 | 6-502-598-01 | s | DI SML-D12U8WT86 |
| D0727 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D0728 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| E001 | 1-535-757-21 | s | CHIP, CHECKER |
| E002 | 1-535-757-21 | s | CHIP, CHECKER |
| E003 | 1-535-757-21 | s | CHIP, CHECKER |
| E004 | 1-535-757-21 | s | CHIP, CHECKER |
| E005 | 1-535-757-21 | s | CHIP, CHECKER |
| E006 | 1-535-757-21 | s | CHIP, CHECKER |
| E007 | 1-535-757-21 | s | CHIP, CHECKER |
| F001 | ⚠ 1-533-627-21 | s | FUSE (SMD) (5A/125V) |
| FB201 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB202 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| IC101 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC102 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC103 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC104 | 6-717-044-01 | o | IC USB2514B-AEZG-TR |
| IC106 | 6-600-064-01 | s | IC TPS2041ADR |
| IC107 | 6-707-884-01 | s | IC TC74VHCT04AFT(EKJ) |
| IC201 | 6-713-727-01 | s | IC LTC3851EUD#TR |
| IC202 | 6-715-843-01 | s | IC LTC3605EUF#TR |
| IC301 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC302 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC304 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC401 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC402 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC403 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC404 | 6-712-387-01 | s | IC TC74VHC165FT(EKJ) |
| IC405 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC406 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC407 | 6-712-387-01 | s | IC TC74VHC165FT(EKJ) |
| L204 | 1-457-526-11 | s | INDUCTOR (2.2UH) |
| L205 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L206 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| LF101 | 1-456-826-11 | s | COIL, COMMON MODE CHOKE |
| PH501 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH502 | 8-719-069-53 | s | DIODE CPI-210-T |

**KY-695 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| PH503 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH504 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH505 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH506 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH507 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH508 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH509 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH510 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH511 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH512 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH513 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH514 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH515 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH516 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH517 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH518 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH601 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH602 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH603 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH604 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH605 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH606 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH607 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH608 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH609 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH610 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH611 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH612 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH613 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH614 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH615 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH616 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH617 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH618 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH619 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH620 | 8-719-069-53 | s | DIODE CPI-210-T |
| Q201 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q202 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q203 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q204 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q205 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q301 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q302 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q303 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q304 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q305 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q306 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q307 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q308 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q309 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q310 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q311 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q312 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q313 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q314 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q401 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q402 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q403 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q404 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q405 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q406 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q407 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q408 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q409 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |

**KY-695 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R101 | 1-250-535-11 | s | RES, METAL FILM CHIP 47K(1005) |
| R102 | 1-250-521-11 | s | RES, METAL FILM CHIP 12K(1005) |
| R103 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R104 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R105 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R108 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R109 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R110 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R111 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R201 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R202 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R203 | 1-250-447-11 | s | RES, METAL FILM CHIP 10 (1005) |
| R204 | 1-250-535-11 | s | RES, METAL FILM CHIP 47K(1005) |
| R205 | 1-250-535-11 | s | RES, METAL FILM CHIP 47K(1005) |
| R206 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R207 | 1-250-523-11 | o | RES, METAL FILM CHIP 15K(1005) |
| R208 | 1-257-090-11 | s | RES, METAL PLATE 0.005 |
| R209 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R210 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R211 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R212 | 1-250-463-11 | s | RES, METAL FILM CHIP 47 (1005) |
| R213 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R215 | 1-250-551-11 | s | RES,METAL FILM CHIP 220K(1005) |
| R216 | 1-250-535-11 | s | RES, METAL FILM CHIP 47K(1005) |
| R217 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R218 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R219 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R220 | 1-250-487-11 | s | RES, METAL FILM CHIP 470(1005) |
| R221 | 1-250-535-11 | s | RES, METAL FILM CHIP 47K(1005) |
| R222 | 1-250-539-11 | o | RES, METAL FILM CHIP 68K(1005) |
| R223 | 1-250-555-11 | s | RES,METAL FILM CHIP 330K(1005) |
| R224 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R225 | 1-250-543-11 | o | RES,METAL FILM CHIP 100K(1005) |
| R226 | 1-250-503-11 | o | RES,METAL FILM CHIP 2.2K(1005) |
| R227 | 1-250-503-11 | o | RES,METAL FILM CHIP 2.2K(1005) |
| R301 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R302 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R303 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R304 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R305 | 1-250-511-11 | o | RES,METAL FILM CHIP 4.7K(1005) |
| R306 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R307 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R308 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R309 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R310 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R311 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R312 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R313 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R314 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R315 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R316 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R317 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R318 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R319 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R320 | 1-250-495-11 | s | RES,METAL FILM CHIP 1.0K(1005) |
| R401 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R402 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R403 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R404 | 1-250-519-11 | s | RES, METAL FILM CHIP 10K(1005) |
| R405 | 1-250-455-11 | s | RES, METAL FILM CHIP 22 (1005) |
| R501 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R502 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R503 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R504 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R505 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |

**KY-695 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R506 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R507 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R508 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R509 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R510 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R511 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R512 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R513 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R514 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R515 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R516 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R517 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R518 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R601 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R602 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R603 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R604 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R605 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R606 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R607 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R608 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R609 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R610 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R611 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R612 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R613 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R614 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R615 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R616 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R617 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R618 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R619 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| R620 | 1-250-479-11 | o | RES, METAL FILM CHIP 220(1005) |
| RB101 | 1-234-371-21 | s | RES, NETWORK 47 (1005X4) |
| RB102 | 1-234-371-21 | s | RES, NETWORK 47 (1005X4) |
| RB103 | 1-234-371-21 | s | RES, NETWORK 47 (1005X4) |
| RB104 | 1-234-371-21 | s | RES, NETWORK 47 (1005X4) |
| RB105 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB401 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB402 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| TP201 | 1-535-877-22 | s | CHIP, CHECKER |
| TP202 | 1-535-877-22 | s | CHIP, CHECKER |
| TP203 | 1-535-877-22 | s | CHIP, CHECKER |

## KY-699 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1892-833-A | s | MOUNTED CIRCUIT BOARD, KY-699 |
| C100 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C101 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| C102 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C110 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C111 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C112 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C113 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C114 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C115 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C116 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C117 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C118 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C119 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |

**KY-699 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C120 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C121 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C122 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C123 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C124 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C125 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C126 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C127 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C128 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C129 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C130 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C131 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C132 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C133 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C134 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C135 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C136 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C137 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C138 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C139 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C200 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C203 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C204 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C300 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C301 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C304 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C305 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C307 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C308 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C309 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C400 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C401 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C402 | 1-100-581-81 | s | CAP,CHIP CERAMIC0.0047MF B1005 |
| C403 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C404 | 1-164-935-81 | s | CAP, CHIP CERAMIC 470PF B 1005 |
| C405 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C406 | 1-164-937-81 | s | CAP, CHIPCERAMIC 1000PF B 1005 |
| C407 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C408 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C409 | 1-164-866-81 | s | CAP, CHIP CERAMIC 47PF CH 1005 |
| C410 | 1-100-567-81 | s | CAP,CHIP CERAMIC 0.01MF B 1005 |
| C411 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C412 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C413 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C414 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C415 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C416 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C426 | 1-100-421-21 | s | CAP, ELECT 220MF (6.3X5.9) |
| C433 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C434 | 1-114-419-21 | s | CAP, CERAMIC 10MF B (2012) |
| C435 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C436 | 1-116-378-11 | s | CAP, AL SOLID ELECT 100MF 105 |
| C448 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C449 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C450 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C451 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C452 | 1-112-746-91 | s | CAP, CERAMIC 4.7MF B (1608) |
| C453 | 1-112-815-91 | s | CAP, CERAMIC 10MF C (1608) |
| C500 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C504 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C505 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C506 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C507 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C508 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |
| C509 | 1-116-711-11 | s | CAP, CERAMIC 22MF X5R 3216 |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| C600 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C601 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C602 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C603 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C604 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C605 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C900 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| C901 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C902 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C903 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C904 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C905 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C906 | 1-164-850-81 | s | CAP, CHIP CERAMIC 10PF CH 1005 |
| C907 | 1-164-939-81 | s | CAP, CHIPCERAMIC 2200PF B 1005 |
| C908 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C909 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C910 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C911 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C912 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| C913 | 1-100-671-91 | s | CAP, CERAMIC 4.7MF C (3216) |
| CN102 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN103 | 1-770-470-21 | s | PIN, CONNECTOR (PC BOARD) 6P |
| CN300 | 1-784-254-21 | s | CONNECTOR 10P |
| D400 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| D403 | 6-502-197-01 | s | DI SML-D12M8WT86SM |
| D900 | 8-719-056-48 | s | DI 1SS388 |
| D901 | 6-501-361-01 | s | DIODE RB051LA-40TR |
| E100 | 1-535-877-22 | s | CHIP, CHECKER |
| E101 | 1-535-877-22 | s | CHIP, CHECKER |
| E104 | 1-535-877-22 | s | CHIP, CHECKER |
| E106 | 1-535-877-22 | s | CHIP, CHECKER |
| FB110 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB300 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB400 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| FB401 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB402 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| FB403 | 1-481-515-11 | s | BEAD, FERRITE (1608) |
| IC202 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC204 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC205 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC302 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC303 | 6-711-475-01 | s | IC TC74LCX541FK(EL,K) |
| IC306 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC307 | 6-708-324-01 | s | IC R3112N301A-TR-FE |
| IC400 | 6-713-727-01 | s | IC LTC3851EUD#TR |
| IC500 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC503 | 6-718-703-01 | s | IC TLC5944PWPR |
| IC504 | 6-704-238-01 | s | IC S-812C30AUA-C2KT2G |
| IC600 | 6-707-871-01 | s | IC TC74VHC164FT(EKJ) |
| IC601 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC602 | 6-707-869-01 | s | IC TC74VHC14FT(EKJ) |
| IC603 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC604 | 6-707-861-01 | s | IC TC74VHC04FT(EKJ) |
| IC605 | 6-712-387-01 | s | IC TC74VHC165FT(EKJ) |
| L400 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L402 | 1-460-426-11 | s | COIL, CHOKE 1.0UH |
| L403 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L404 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L405 | 1-457-852-11 | s | COIL, CHOKE 1.2UH |
| L900 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| L901 | 1-460-358-11 | s | COIL, CHOKE 2.2UH (4018) |
| LF100 | 1-400-814-21 | s | COIL, CHOKE |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| LF101 | 1-400-814-21 | s | COIL, CHOKE |
| LF102 | 1-400-814-21 | s | COIL, CHOKE |
| LF103 | 1-400-814-21 | s | COIL, CHOKE |
| LF104 | 1-400-814-21 | s | COIL, CHOKE |
| LF105 | 1-400-814-21 | s | COIL, CHOKE |
| PH700 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH701 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH702 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH703 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH704 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH705 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH706 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH707 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH708 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH709 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH710 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH711 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH712 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH713 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH714 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH715 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH716 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH717 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH718 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH719 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH720 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH721 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH722 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH723 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH724 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH725 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH726 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH727 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH728 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH729 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH730 | 8-719-069-53 | s | DIODE CPI-210-T |
| PH731 | 8-719-069-53 | s | DIODE CPI-210-T |
| Q301 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q303 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q400 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q401 | 8-729-054-35 | s | TRANSISTOR HAT2070R-EL |
| Q500 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q501 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q502 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q503 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q504 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q505 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q512 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q513 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q514 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q515 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q516 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q517 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| Q600 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q601 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q602 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q603 | 8-729-929-09 | s | TRANSISTOR DTC123JE-TL |
| Q900 | 6-552-494-01 | s | TR SI2307CDS-T1-GE3 |
| R100 | 1-218-933-81 | s | RES, CHIP 22 |
| R200 | 1-218-933-81 | s | RES, CHIP 22 |
| R201 | 1-218-933-81 | s | RES, CHIP 22 |
| R202 | 1-218-933-81 | s | RES, CHIP 22 |
| R209 | 1-218-973-81 | s | RES, CHIP 47K |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R305 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R306 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R307 | 1-218-933-81 | s | RES, CHIP 22 |
| R310 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R318 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R325 | 1-218-933-81 | s | RES, CHIP 22 |
| R326 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R327 | 1-218-933-81 | s | RES, CHIP 22 |
| R328 | 1-218-933-81 | s | RES, CHIP 22 |
| R329 | 1-218-933-81 | s | RES, CHIP 22 |
| R330 | 1-218-933-81 | s | RES, CHIP 22 |
| R331 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R332 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R333 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R334 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R339 | 1-218-933-81 | s | RES, CHIP 22 |
| R340 | 1-218-933-81 | s | RES, CHIP 22 |
| R341 | 1-218-933-81 | s | RES, CHIP 22 |
| R343 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R344 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R345 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R346 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R350 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R400 | 1-218-977-81 | s | RES, CHIP 100K |
| R401 | 1-218-977-81 | s | RES, CHIP 100K |
| R402 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R403 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R404 | 1-218-929-81 | s | RES, CHIP 10 |
| R405 | 1-218-929-81 | s | RES, CHIP 10 |
| R406 | 1-219-684-21 | s | RES, CHIP (SQUARE TYPE) 0.01 |
| R407 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R408 | 1-208-943-81 | s | RES, CHIP 220K (1005) |
| R409 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R410 | 1-208-935-81 | s | RES, CHIP 100K (1005) |
| R411 | 1-218-957-81 | s | RES, CHIP 2.2K |
| R418 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R419 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R420 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R421 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R422 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R423 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R424 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R425 | 1-208-927-81 | s | RES, CHIP 47K (1005) |
| R426 | 1-208-947-81 | s | RES, CHIP 330K (1005) |
| R427 | 1-208-931-81 | s | RES, CHIP 68K (1005) |
| R428 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R429 | 1-208-911-81 | s | RES, CHIP 10K (1005) |
| R500 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R501 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R502 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R503 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R504 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R505 | 1-218-961-81 | s | RES, CHIP 4.7K |
| R515 | 1-218-933-81 | s | RES, CHIP 22 |
| R516 | 1-208-891-81 | s | RES, CHIP 1.5K (1005) |
| R517 | 1-208-893-81 | s | RES, CHIP 1.8K (1005) |
| R518 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R519 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R520 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R521 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R522 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R523 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R524 | 1-218-953-81 | s | RES, CHIP 1.0K |
| R600 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R601 | 1-218-933-81 | s | RES, CHIP 22 |

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| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| R700 | 1-218-945-81 | s | RES, CHIP 220 |
| R701 | 1-218-945-81 | s | RES, CHIP 220 |
| R702 | 1-218-945-81 | s | RES, CHIP 220 |
| R703 | 1-218-945-81 | s | RES, CHIP 220 |
| R704 | 1-218-945-81 | s | RES, CHIP 220 |
| R705 | 1-218-945-81 | s | RES, CHIP 220 |
| R706 | 1-218-945-81 | s | RES, CHIP 220 |
| R707 | 1-218-945-81 | s | RES, CHIP 220 |
| R708 | 1-218-945-81 | s | RES, CHIP 220 |
| R709 | 1-218-945-81 | s | RES, CHIP 220 |
| R710 | 1-218-945-81 | s | RES, CHIP 220 |
| R711 | 1-218-945-81 | s | RES, CHIP 220 |
| R712 | 1-218-945-81 | s | RES, CHIP 220 |
| R713 | 1-218-945-81 | s | RES, CHIP 220 |
| R714 | 1-218-945-81 | s | RES, CHIP 220 |
| R715 | 1-218-945-81 | s | RES, CHIP 220 |
| R716 | 1-218-945-81 | s | RES, CHIP 220 |
| R717 | 1-218-945-81 | s | RES, CHIP 220 |
| R718 | 1-218-945-81 | s | RES, CHIP 220 |
| R719 | 1-218-945-81 | s | RES, CHIP 220 |
| R720 | 1-218-945-81 | s | RES, CHIP 220 |
| R721 | 1-218-945-81 | s | RES, CHIP 220 |
| R722 | 1-218-945-81 | s | RES, CHIP 220 |
| R723 | 1-218-945-81 | s | RES, CHIP 220 |
| R724 | 1-218-945-81 | s | RES, CHIP 220 |
| R725 | 1-218-945-81 | s | RES, CHIP 220 |
| R726 | 1-218-945-81 | s | RES, CHIP 220 |
| R727 | 1-218-945-81 | s | RES, CHIP 220 |
| R728 | 1-218-945-81 | s | RES, CHIP 220 |
| R729 | 1-218-945-81 | s | RES, CHIP 220 |
| R730 | 1-218-945-81 | s | RES, CHIP 220 |
| R731 | 1-218-945-81 | s | RES, CHIP 220 |
| R900 | 1-208-916-81 | s | RES, CHIP 16K (1005) |
| R901 | 1-208-921-81 | s | RES, CHIP 27K (1005) |
| R902 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R904 | 1-218-977-81 | s | RES, CHIP 100K |
| R905 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R906 | 1-218-965-81 | s | RES, CHIP 10K 1005 |
| R907 | 1-208-923-81 | s | RES, CHIP 33K (1005) |
| R908 | 1-208-939-81 | s | RES, CHIP 150K (1005) |
| R909 | 1-208-913-81 | s | RES, CHIP 12K (1005) |
| R910 | 1-208-925-81 | s | RES, CHIP 39K (1005) |
| R911 | 1-218-963-81 | s | RES, CHIP 6.8K |
| R912 | 1-218-973-81 | s | RES, CHIP 47K |
| RB201 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB202 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB203 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB204 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB300 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB301 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB302 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB303 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB310 | 1-234-375-21 | s | RES, NETWORK 1K (1005X4) |
| RB600 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| RB601 | 1-234-378-21 | s | RES, NETWORK 10K (1005X4) |
| S300 | 1-572-595-21 | s | SWITCH, TACTILE (REFLOW TYPE) |
| S301 | 1-692-270-41 | s | SWITCH, SLIDE |
| TP400 | 1-535-757-21 | s | CHIP, CHECKER |
| TP401 | 1-535-757-21 | s | CHIP, CHECKER |
| TP402 | 1-535-757-21 | s | CHIP, CHECKER |
| TP403 | 1-535-757-21 | s | CHIP, CHECKER |
| TP404 | 1-535-757-21 | s | CHIP, CHECKER |
| X300 | 1-795-983-11 | s | OSCILLATOR, CRYSTAL |

## VR-347 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1883-256-A | s | MOUNTED CIRCUIT BOARD, VR-347 |
| C001 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C002 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C003 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C004 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C005 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| CN001 | 1-770-629-21 | s | PIN, CONNECTOR 12P |
| EN001 | 1-477-873-11 | s | ENCODER (OPTICAL) |
| EN002 | 1-477-873-11 | s | ENCODER (OPTICAL) |
| EN003 | 1-477-873-11 | s | ENCODER (OPTICAL) |
| EN004 | 1-477-873-11 | s | ENCODER (OPTICAL) |
| FB001 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| RB001 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB002 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |

## VR-348 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1883-257-A | s | MOUNTED CIRCUIT BOARD, VR-348 |
| 1pc | 3-190-866-03 | s | BASE |
| 4pcs | 3-678-079-02 | s | +BVWH 3X8 GIZA TITE |
| C001 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C002 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C003 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C004 | 1-112-015-91 | s | CAP, CHIP CERAMIC 47MF B 3225 |
| CN001 | 1-770-625-21 | s | PIN, CONNECTOR 8P |
| FB001 | 1-481-464-11 | s | BEAD, FERRITE (1608) |
| PH001 | 6-600-482-01 | s | IC KE203 |
| PH002 | 6-600-482-01 | s | IC KE203 |
| PH003 | 6-600-482-01 | s | IC KE203 |
| R001 | 1-218-949-81 | s | RES, CHIP 470 |
| R002 | 1-218-949-81 | s | RES, CHIP 470 |
| R003 | 1-218-949-81 | s | RES, CHIP 470 |
| R004 | 1-218-949-81 | s | RES, CHIP 470 |
| R005 | 1-218-949-81 | s | RES, CHIP 470 |
| R006 | 1-218-949-81 | s | RES, CHIP 470 |
| RB001 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |
| RB002 | 1-234-370-21 | s | RES, NETWORK 22 (1005X4) |

## VR-349 BOARD

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | A-1883-263-A | s | MOUNTED CIRCUIT BOARD, VR-349 |
| C1 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C2 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C3 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C4 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| C5 | 1-114-582-91 | s | CAP, CERAMIC 0.1MF B 1005 |
| CN301 | 1-817-097-21 | s | PIN, CONNECTOR (1.5MM)(SMD)13P |
| EN301 | 1-477-873-11 | s | ENCODER (OPTICAL) |
| EN302 | 1-477-873-11 | s | ENCODER (OPTICAL) |
| EN303 | 1-477-873-11 | s | ENCODER (OPTICAL) |

**VR-349 BOARD**

| Ref. No. or Q'ty | Part No. | SP | Description |
|---|---|---|---|
| EN304 | 1-477-873-11 | s | ENCODER (OPTICAL) |
| EN305 | 1-477-873-11 | s | ENCODER (OPTICAL) |

## 2-4. Supplied Accessories

### ICP-3000

| Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | 3-179-054-02 | s | TOOL, CAP PULL |
| 20pcs | 3-863-312-11 | s | SW COVER12 |
| 20pcs | 3-863-313-11 | s | SW COVER15 |
| 1pc | 4-374-255-01 | o | BAG (A), PROTECTION |
| 1pc | 4-444-074-01 | s | SHEET (VTR CONTROL) |
| 1pc ⚠ | 4-444-919-03 | s | OPERATING INSTRUCTIONS |
| 1pc | 4-477-673-01 | s | CHIP,SWITCH |
| 1pc | 4-477-674-01 | s | CHIP2,SWITCH |

### ICP-3016

| Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | 3-179-054-02 | s | TOOL, CAP PULL |
| 20pcs | 3-863-312-11 | s | SW COVER12 |
| 20pcs | 3-863-313-11 | s | SW COVER15 |
| 1pc | 4-374-255-01 | o | BAG (A), PROTECTION |
| 1pc | 4-444-074-01 | s | SHEET (VTR CONTROL) |
| 1pc ⚠ | 4-444-919-03 | s | OPERATING INSTRUCTIONS (JAPANESE, ENGLISH) |
| 1pc ⚠ | 4-444-919-13 | s | OPERATING INSTRUCTIONS (CHINESE) |
| 1pc | 4-477-673-01 | s | CHIP,SWITCH |
| 1pc | 4-477-674-01 | s | CHIP2,SWITCH |

### ICP-6511

| Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc ⚠ | 1-492-005-11 | s | ADAPTOR, AC |
| 1pc | 1-823-889-11 | s | CORD, CONNECTION (USB) |
| 1pc | 3-872-255-01 | s | ADAPTER |
| 1pc ⚠ | 4-444-915-03 | s | OPERATING INSTRUCTIONS |
| 1pc | 7-613-020-39 | s | CABLE, ENCAPSULATED (4 CORE) |
| 4pcs | 7-682-947-01 | s | SCREW +PSW 3X6 |
| 4pcs | 7-682-961-01 | s | SCREW +PSW 4X8 |

### ICP-6520

| Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | 3-179-054-02 | s | TOOL, CAP PULL |
| 20pcs | 3-863-312-11 | s | SW COVER12 |
| 20pcs | 3-863-313-11 | s | SW COVER15 |
| 1pc | 4-374-255-01 | o | BAG (A), PROTECTION |
| 1pc | 4-444-074-01 | s | SHEET (VTR CONTROL) |
| 1pc ⚠ | 4-444-913-02 | s | OPERATING INSTRUCTIONS |
| 1pc | 4-477-673-01 | s | CHIP,SWITCH |
| 1pc | 4-477-674-01 | s | CHIP2,SWITCH |

### ICP-6530

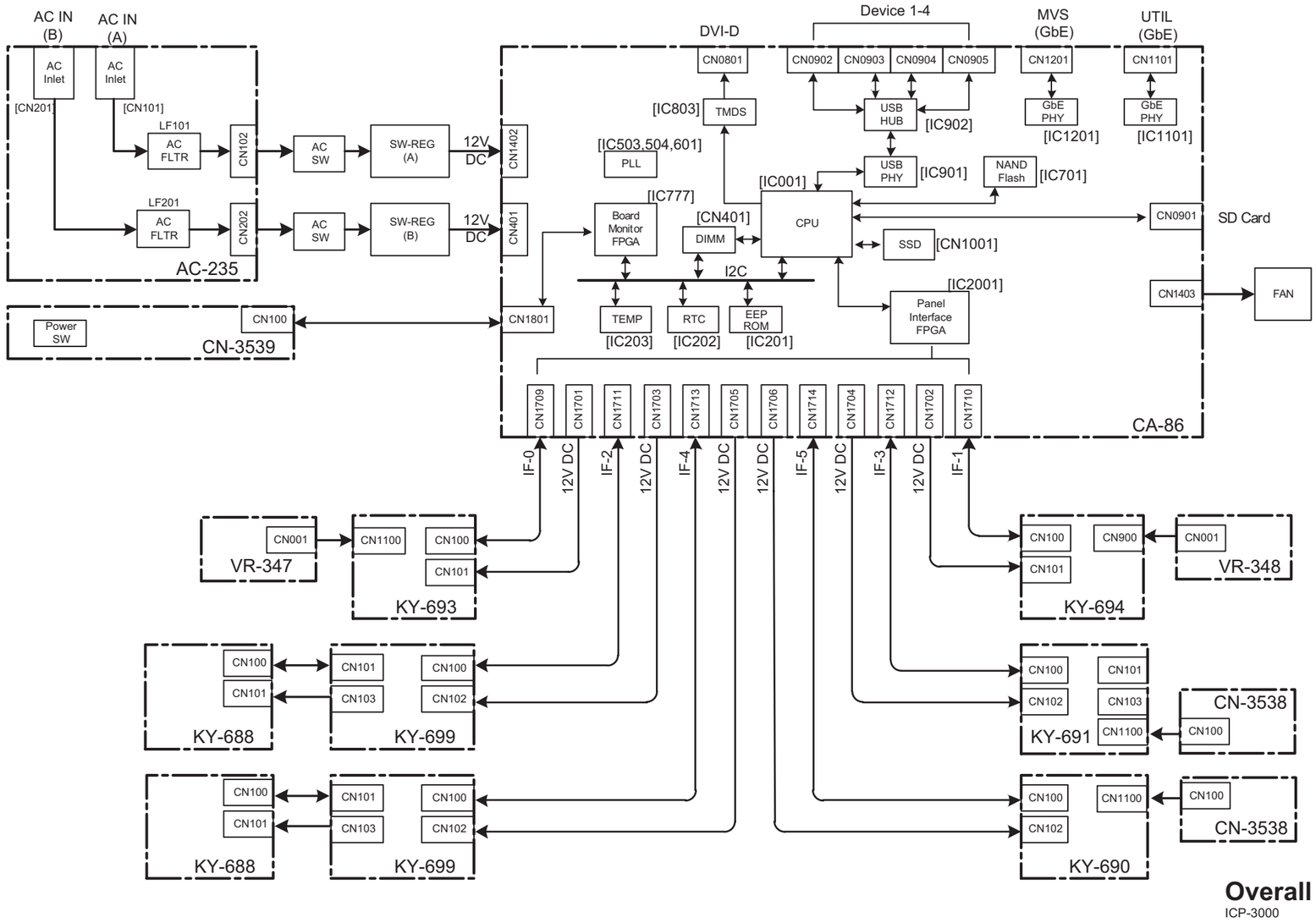
| Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | 3-179-054-02 | s | TOOL, CAP PULL |
| 20pcs | 3-863-312-11 | s | SW COVER12 |
| 20pcs | 3-863-313-11 | s | SW COVER15 |
| 1pc | 4-374-255-01 | o | BAG (A), PROTECTION |

**ICP-6530**

| Q'ty | Part No. | SP | Description |
|---|---|---|---|
| 1pc | 4-444-074-01 | s | SHEET (VTR CONTROL) |
| 1pc ⚠ | 4-444-913-02 | s | OPERATING INSTRUCTIONS |
| 1pc | 4-477-673-01 | s | CHIP,SWITCH |
| 1pc | 4-477-674-01 | s | CHIP2,SWITCH |

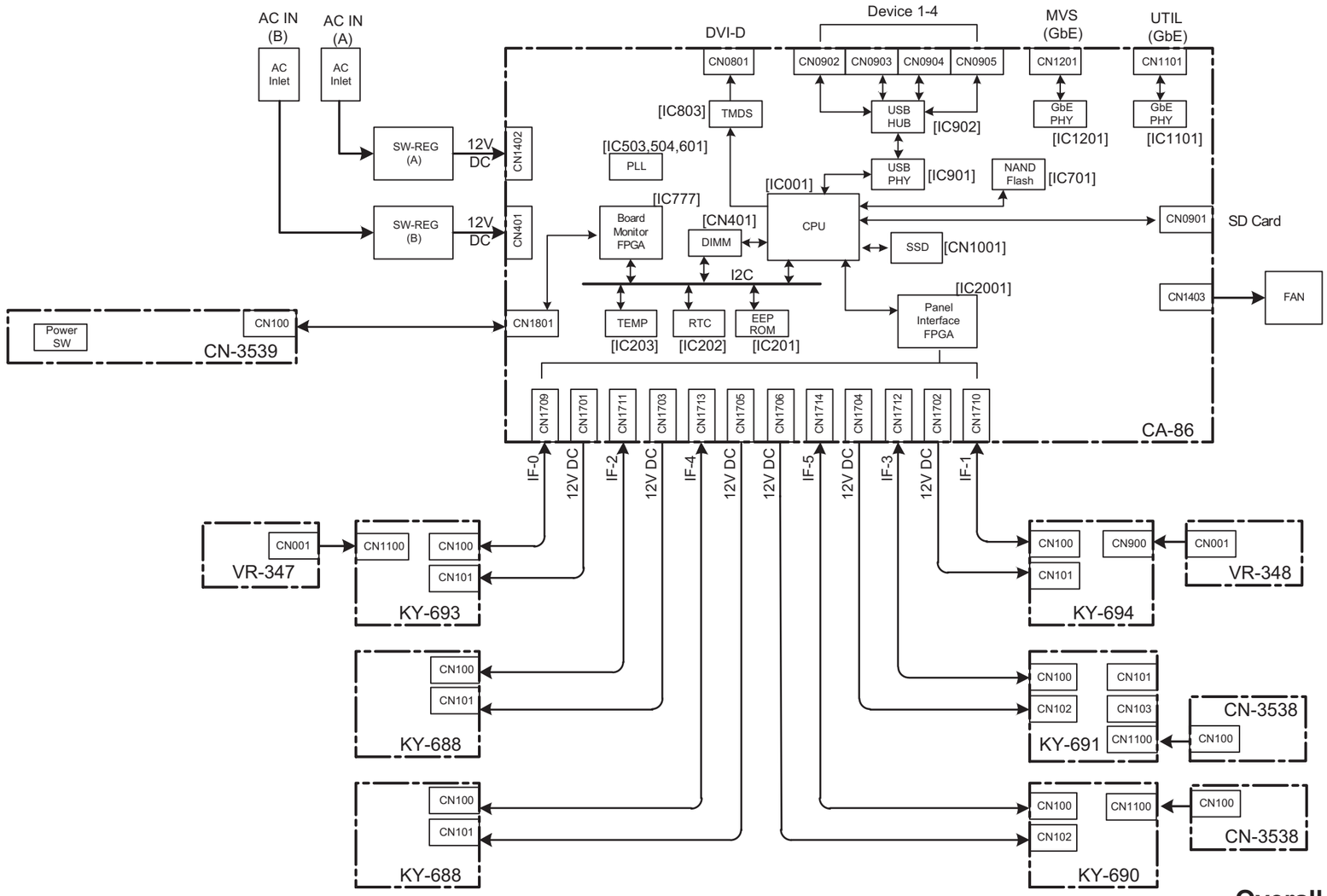
# Section 3
# Block Diagrams

## Overall
### Overall ICP-3000



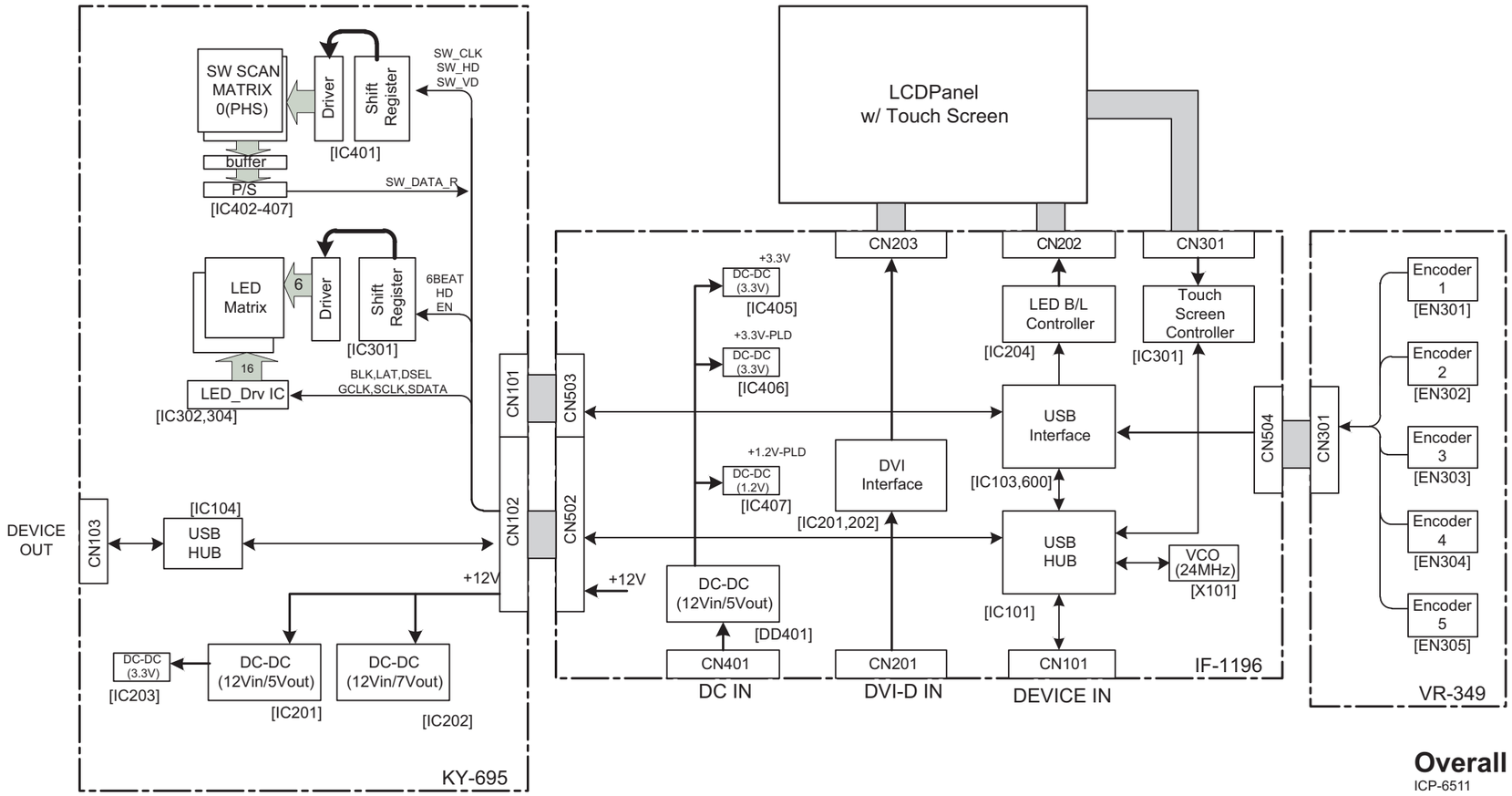

**Overall**
ICP-3000

## Overall ICP-3016



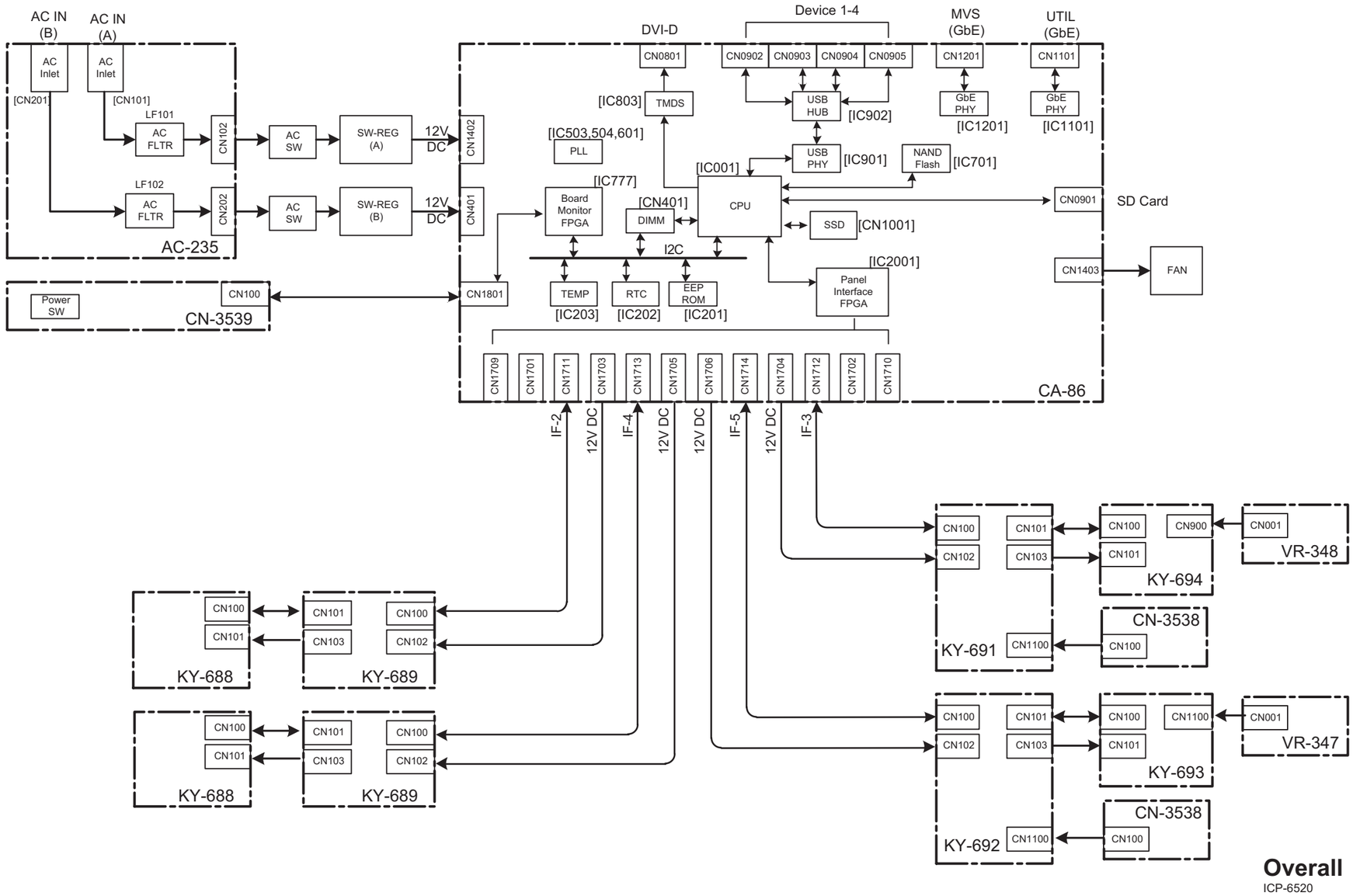

**Overall**
ICP-3016

## Overall ICP-6511



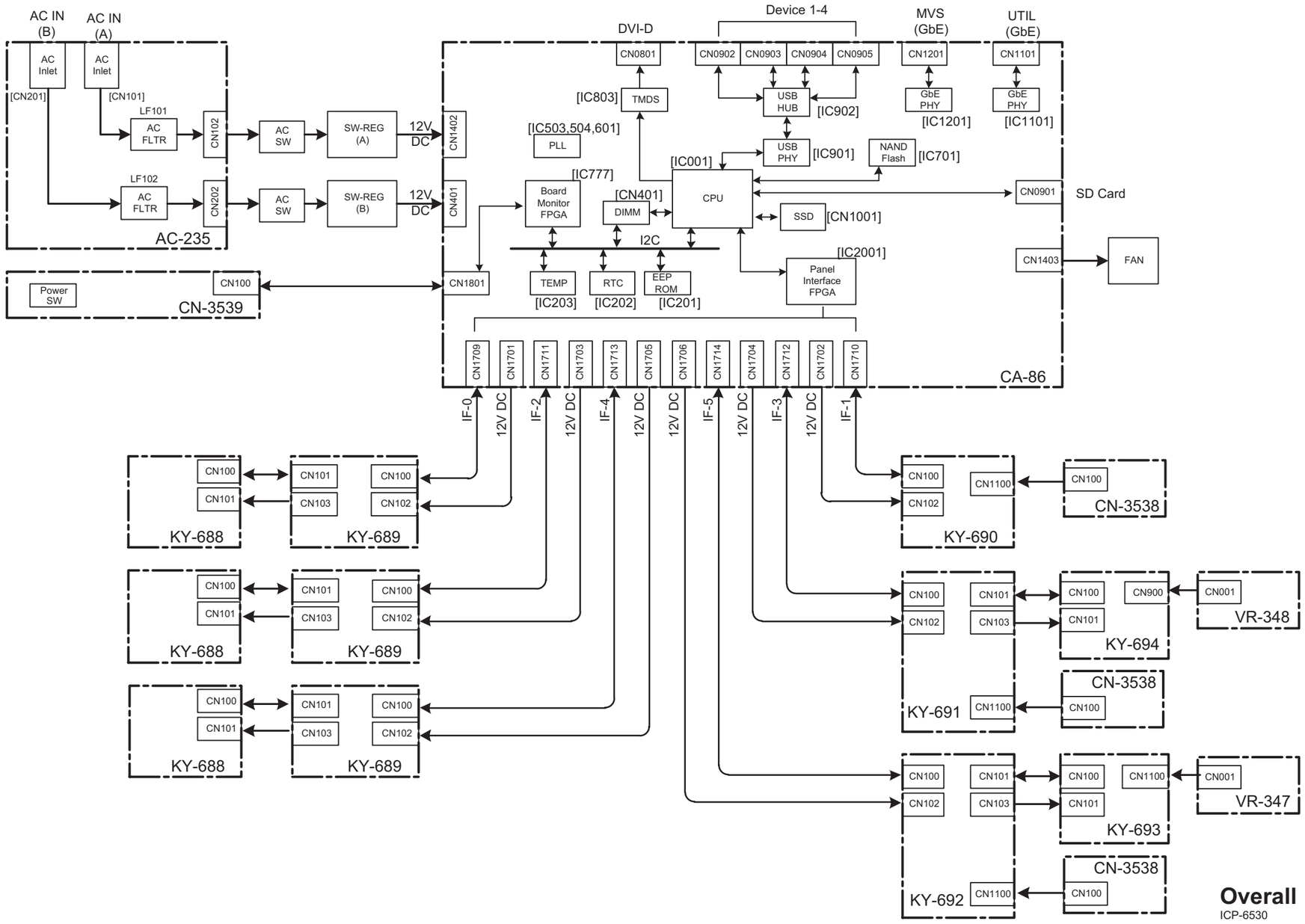

**Overall**
ICP-6511

## Overall ICP-6520

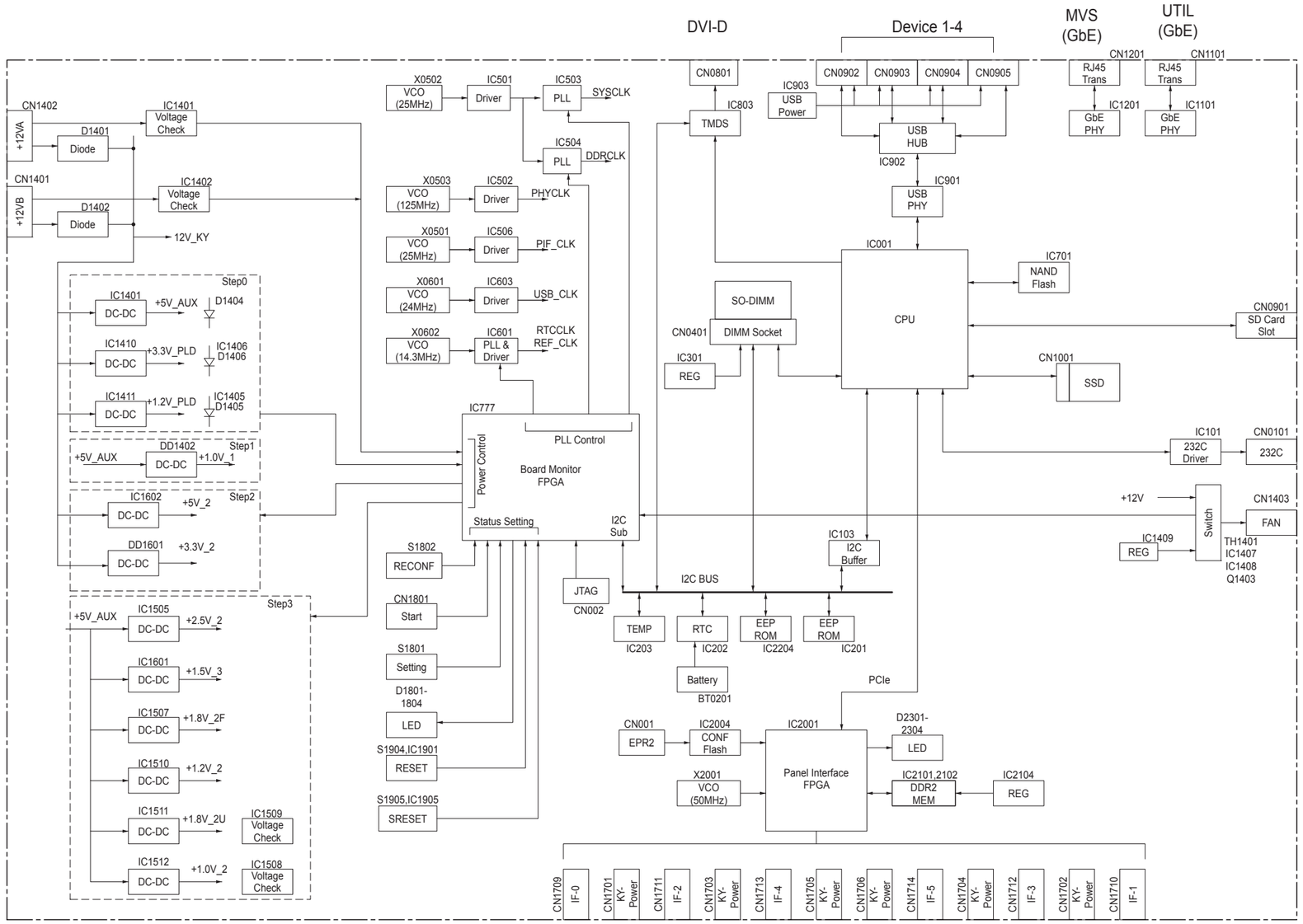



**Overall**
ICP-6520

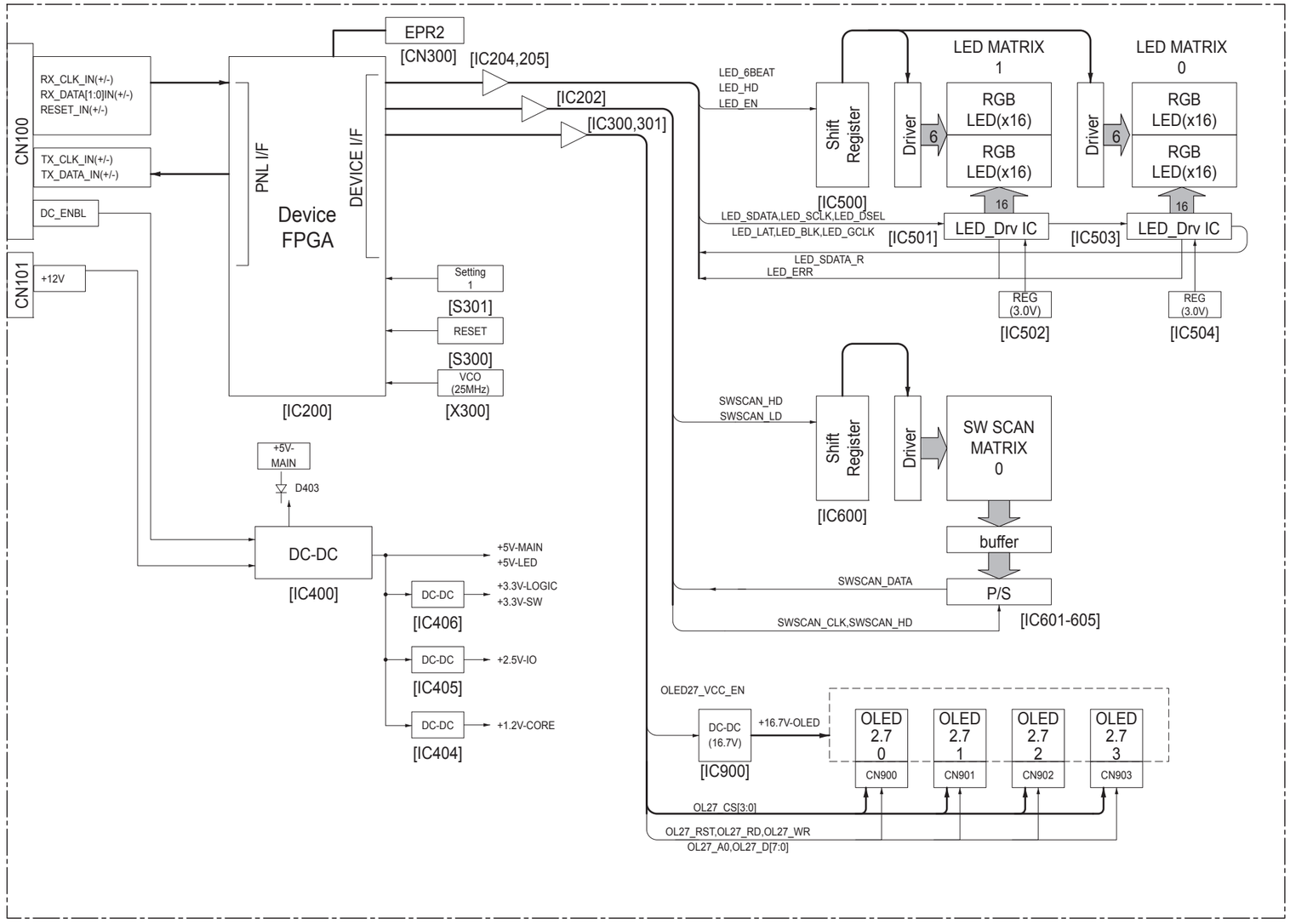
## Overall ICP-6530



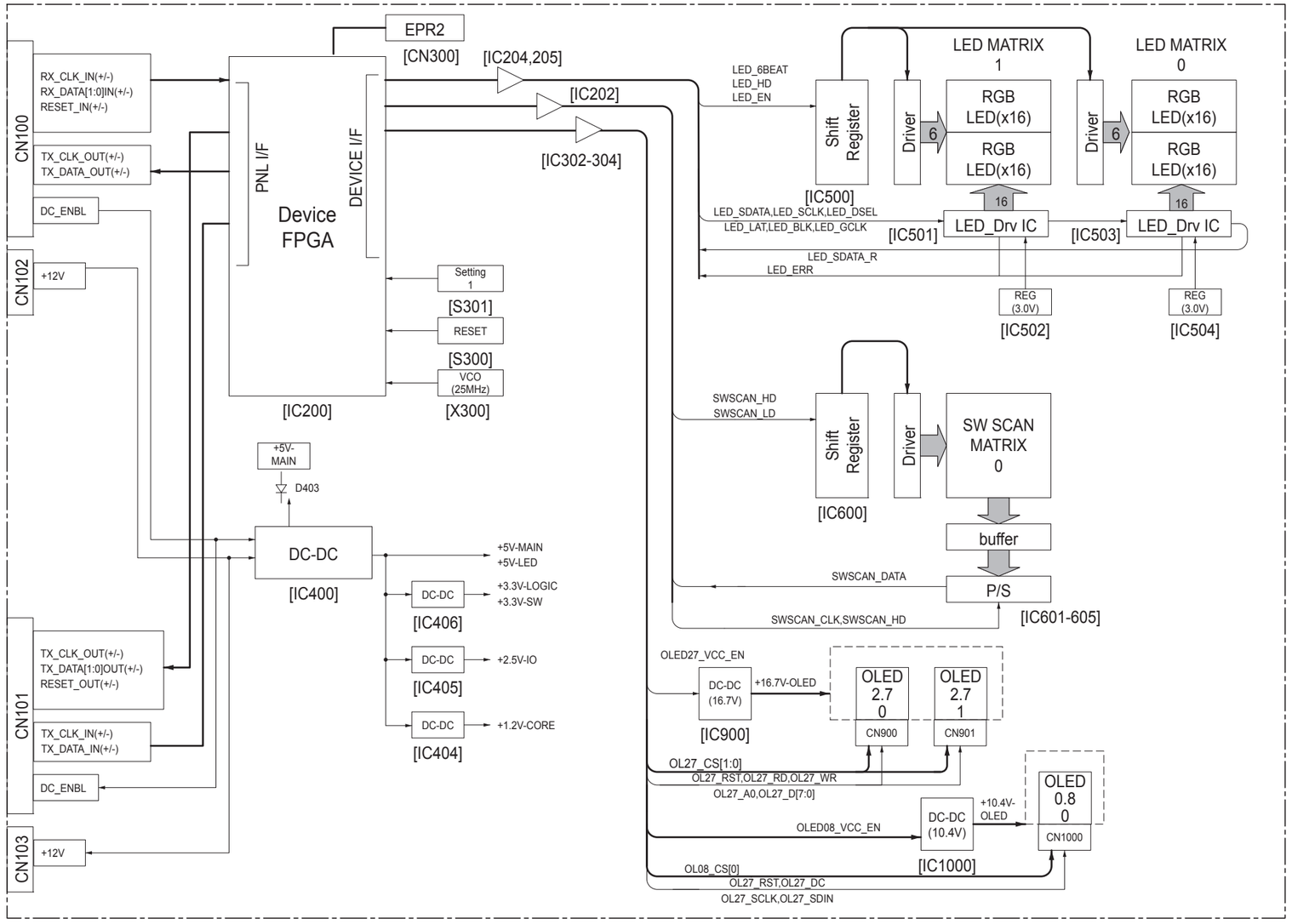

**Overall**
ICP-6530


DVI-D
Device 1-4
MVS (GbE)
UTIL (GbE)
CN1402
+12VA
D1401
Diode
IC1401
Voltage Check
CN1401
+12VB
D1402
Diode
IC1402
Voltage Check
12V_KY
Step0
IC1401
DC-DC
+5V_AUX
D1404
IC1410
DC-DC
+3.3V_PLD
IC1406
D1406
IC1411
DC-DC
+1.2V_PLD
IC1405
D1405
Step1
DD1402
DC-DC
+5V_AUX
+1.0V_1
Step2
IC1602
DC-DC
+5V_2
DD1601
DC-DC
+3.3V_2
Step3
IC1505
DC-DC
+5V_AUX
+2.5V_2
IC1601
DC-DC
+1.5V_3
IC1507
DC-DC
+1.8V_2F
IC1510
DC-DC
+1.2V_2
IC1511
DC-DC
+1.8V_2U
IC1509
Voltage Check
IC1512
DC-DC
+1.0V_2
IC1508
Voltage Check
X0502
VCO (25MHz)
IC501
Driver
IC503
PLL
SYSCLK
IC504
PLL
DDRCLK
X0503
VCO (125MHz)
IC502
Driver
PHYCLK
X0501
VCO (25MHz)
IC506
Driver
PIF_CLK
X0601
VCO (24MHz)
IC603
Driver
USB_CLK
X0602
VCO (14.3MHz)
IC601
PLL & Driver
RTCCLK
REF_CLK
IC777
PLL Control
Power Control
Board Monitor FPGA
Status Setting
I2C Sub
S1802
RECONF
CN1801
Start
S1801
Setting
D1801-1804
LED
S1904,IC1901
RESET
S1905,IC1905
SRESET
JTAG
CN002
I2C BUS
TEMP
IC203
RTC
IC202
EEP ROM
IC2204
EEP ROM
IC201
Battery
BT0201
CN0801
TMDS
IC803
IC903
USB Power
CN0902
CN0903
CN0904
CN0905
USB HUB
IC902
IC901
USB PHY
IC001
CPU
IC701
NAND Flash
SO-DIMM
CN0401
DIMM Socket
IC301
REG
CN0901
SD Card Slot
CN1001
SSD
IC101
232C Driver
CN0101
232C
IC103
I2C Buffer
+12V
IC1409
REG
Switch
CN1403
FAN
TH1401
IC1407
IC1408
Q1403
CN1201
RJ45 Trans
GbE PHY
IC1201
CN1101
RJ45 Trans
GbE PHY
IC1101
PCIe
CN001
EPR2
IC2004
CONF Flash
IC2001
Panel Interface FPGA
D2301-2304
LED
X2001
VCO (50MHz)
IC2101,2102
DDR2 MEM
IC2104
REG
CN1709
IF-0
CN1701
KY-Power
CN1711
IF-2
CN1703
KY-Power
CN1713
IF-4
CN1705
KY-Power
CN1706
KY-Power
CN1714
IF-5
CN1704
KY-Power
CN1712
IF-3
CN1702
KY-Power
CN1710
IF-1

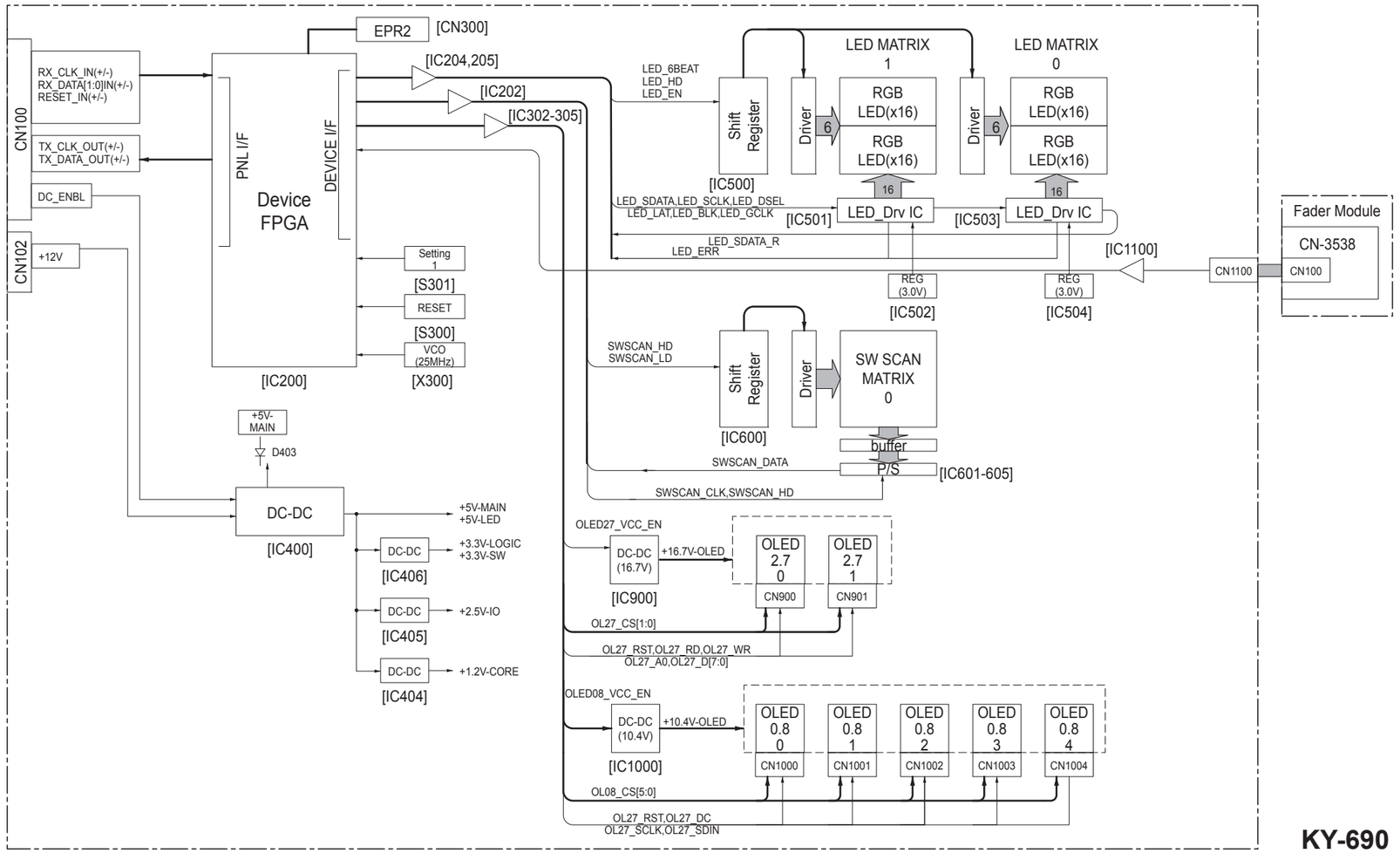
CA-86


EPR2
[CN300]
[IC204,205]
[IC202]
[IC300,301]
CN100
RX_CLK_IN(+/-)
RX_DATA[1:0]IN(+/-)
RESET_IN(+/-)
TX_CLK_IN(+/-)
TX_DATA_IN(+/-)
DC_ENBL
CN101
+12V
PNL I/F
DEVICE I/F
Device FPGA
[IC200]
Setting 1
[S301]
RESET
[S300]
VCO (25MHz)
[X300]
LED_6BEAT
LED_HD
LED_EN
Shift Register
Driver
6
LED MATRIX 1
RGB LED(x16)
RGB LED(x16)
LED MATRIX 0
RGB LED(x16)
RGB LED(x16)
[IC500]
16
LED_SDATA,LED_SCLK,LED_DSEL
LED_LAT,LED_BLK,LED_GCLK
LED_Drv IC
[IC501]
[IC503]
LED_SDATA_R
LED_ERR
REG (3.0V)
[IC502]
[IC504]
SWSCAN_HD
SWSCAN_LD
SW SCAN MATRIX 0
[IC600]
buffer
SWSCAN_DATA
P/S
SWSCAN_CLK,SWSCAN_HD
[IC601-605]
+5V-MAIN
D403
DC-DC
[IC400]
+5V-MAIN
+5V-LED
DC-DC
+3.3V-LOGIC
+3.3V-SW
[IC406]
DC-DC
+2.5V-IO
[IC405]
DC-DC
+1.2V-CORE
[IC404]
OLED27_VCC_EN
DC-DC (16.7V)
+16.7V-OLED
[IC900]
OLED 2.7 0
OLED 2.7 1
OLED 2.7 2
OLED 2.7 3
CN900
CN901
CN902
CN903
OL27_CS[3:0]
OL27_RST,OL27_RD,OL27_WR
OL27_A0,OL27_D[7:0]

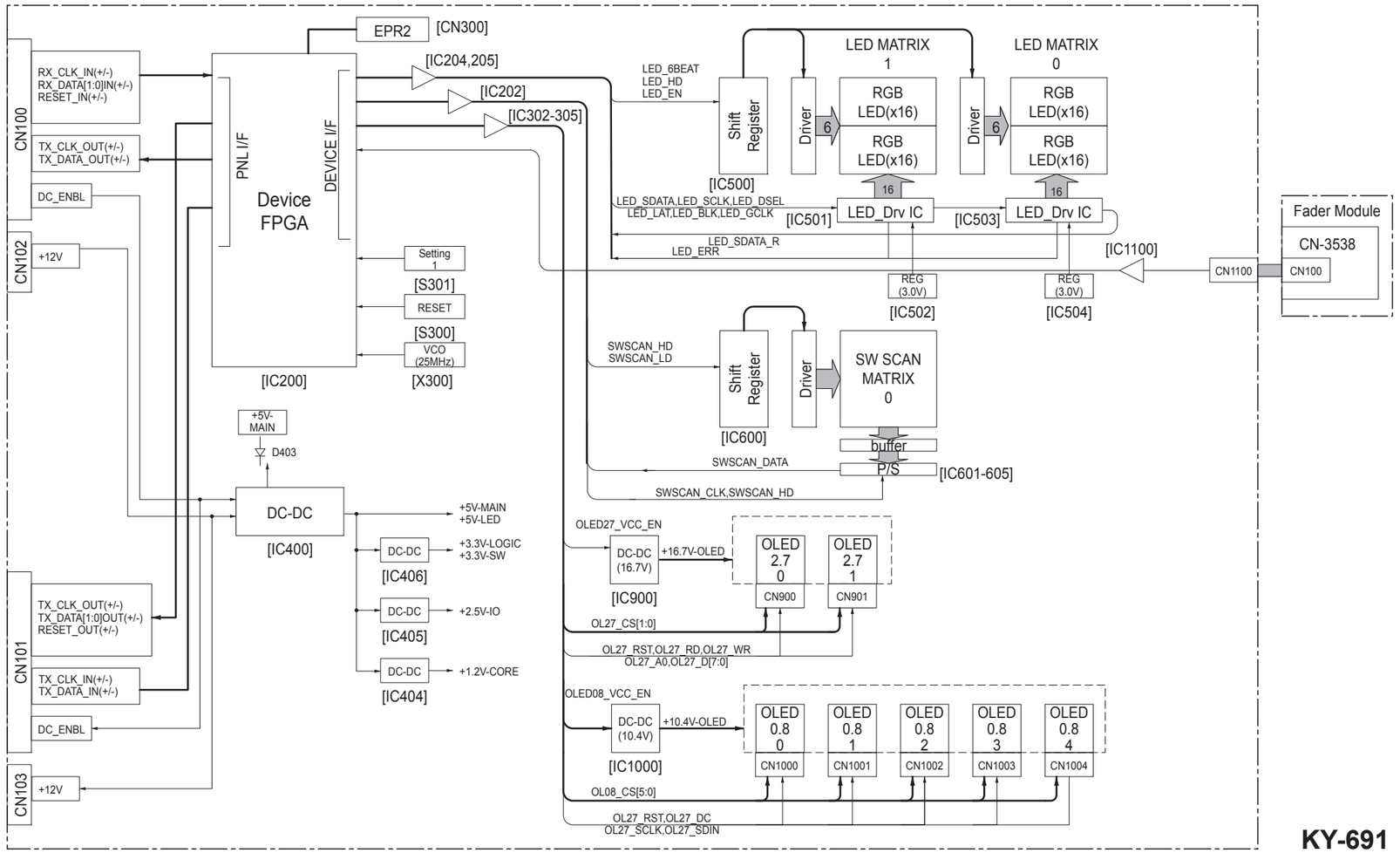
**KY-688**


EPR2
[CN300]
[IC204,205]
[IC202]
[IC302-304]
CN100
RX_CLK_IN(+/-)
RX_DATA[1:0]IN(+/-)
RESET_IN(+/-)
TX_CLK_OUT(+/-)
TX_DATA_OUT(+/-)
DC_ENBL
PNL I/F
DEVICE I/F
Device FPGA
CN102
+12V
Setting 1
[S301]
RESET
[S300]
VCO (25MHz)
[IC200]
[X300]
+5V-MAIN
D403
DC-DC
[IC400]
+5V-MAIN
+5V-LED
DC-DC
+3.3V-LOGIC
+3.3V-SW
[IC406]
DC-DC
+2.5V-IO
[IC405]
DC-DC
+1.2V-CORE
[IC404]
CN101
TX_CLK_OUT(+/-)
TX_DATA[1:0]OUT(+/-)
RESET_OUT(+/-)
TX_CLK_IN(+/-)
TX_DATA_IN(+/-)
DC_ENBL
CN103
+12V
LED_6BEAT
LED_HD
LED_EN
Shift Register
Driver
6
LED MATRIX 1
RGB LED(x16)
RGB LED(x16)
Driver
6
LED MATRIX 0
RGB LED(x16)
RGB LED(x16)
[IC500]
16
16
LED_SDATA,LED_SCLK,LED_DSEL
LED_LAT,LED_BLK,LED_GCLK
[IC501]
LED_Drv IC
[IC503]
LED_Drv IC
LED_SDATA_R
LED_ERR
REG (3.0V)
[IC502]
REG (3.0V)
[IC504]
SWSCAN_HD
SWSCAN_LD
Shift Register
Driver
SW SCAN MATRIX 0
[IC600]
buffer
SWSCAN_DATA
P/S
SWSCAN_CLK,SWSCAN_HD
[IC601-605]
OLED27_VCC_EN
DC-DC (16.7V)
+16.7V-OLED
[IC900]
OLED 2.7 0
OLED 2.7 1
CN900
CN901
OL27_CS[1:0]
OL27_RST,OL27_RD,OL27_WR
OL27_A0,OL27_D[7:0]
OLED08_VCC_EN
DC-DC (10.4V)
+10.4V-OLED
[IC1000]
OLED 0.8 0
CN1000
OL08_CS[0]
OL27_RST,OL27_DC
OL27_SCLK,OL27_SDIN

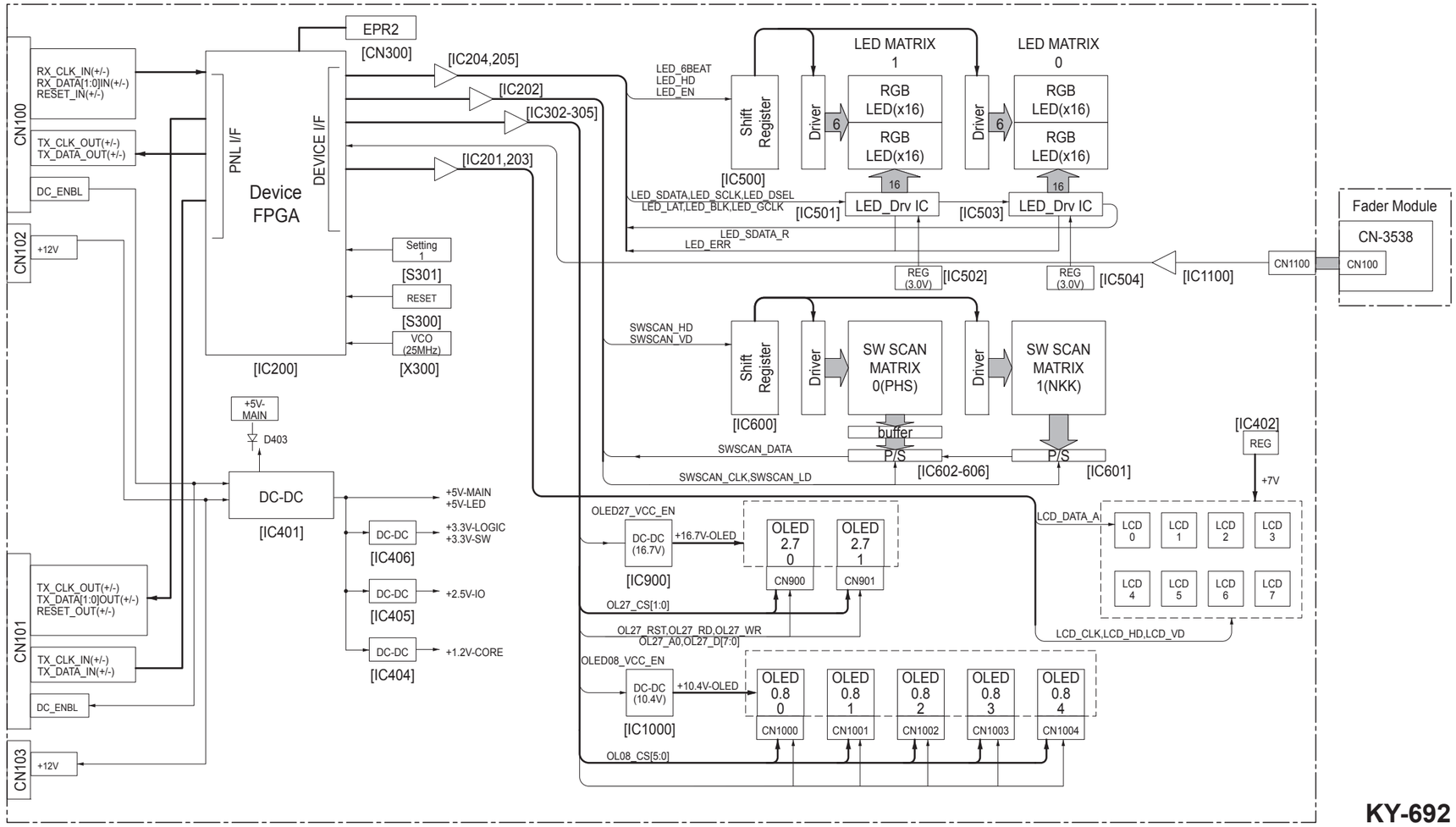
KY-689


EPR2
[CN300]
[IC204,205]
[IC202]
[IC302-305]
CN100
RX_CLK_IN(+/-)
RX_DATA[1:0]IN(+/-)
RESET_IN(+/-)
TX_CLK_OUT(+/-)
TX_DATA_OUT(+/-)
DC_ENBL
CN102
+12V
PNL I/F
DEVICE I/F
Device FPGA
[IC200]
Setting 1
[S301]
RESET
[S300]
VCO (25MHz)
[X300]
LED_6BEAT
LED_HD
LED_EN
Shift Register
Driver
6
LED MATRIX 1
LED MATRIX 0
RGB LED(x16)
[IC500]
16
LED_SDATA,LED_SCLK,LED_DSEL
LED_LAT,LED_BLK,LED_GCLK
[IC501]
LED_Drv IC
[IC503]
LED_SDATA_R
LED_ERR
REG (3.0V)
[IC502]
[IC504]
[IC1100]
CN1100
Fader Module
CN-3538
CN100
SWSCAN_HD
SWSCAN_LD
SW SCAN MATRIX 0
[IC600]
buffer
P/S
[IC601-605]
SWSCAN_DATA
SWSCAN_CLK,SWSCAN_HD
+5V-MAIN
D403
DC-DC
[IC400]
+5V-MAIN
+5V-LED
DC-DC
+3.3V-LOGIC
+3.3V-SW
[IC406]
DC-DC
+2.5V-IO
[IC405]
DC-DC
+1.2V-CORE
[IC404]
OLED27_VCC_EN
DC-DC (16.7V)
+16.7V-OLED
[IC900]
OLED 2.7 0
OLED 2.7 1
CN900
CN901
OL27_CS[1:0]
OL27_RST,OL27_RD,OL27_WR
OL27_A0,OL27_D[7:0]
OLED08_VCC_EN
DC-DC (10.4V)
+10.4V-OLED
[IC1000]
OLED 0.8 0
OLED 0.8 1
OLED 0.8 2
OLED 0.8 3
OLED 0.8 4
CN1000
CN1001
CN1002
CN1003
CN1004
OL08_CS[5:0]
OL27_RST,OL27_DC
OL27_SCLK,OL27_SDIN

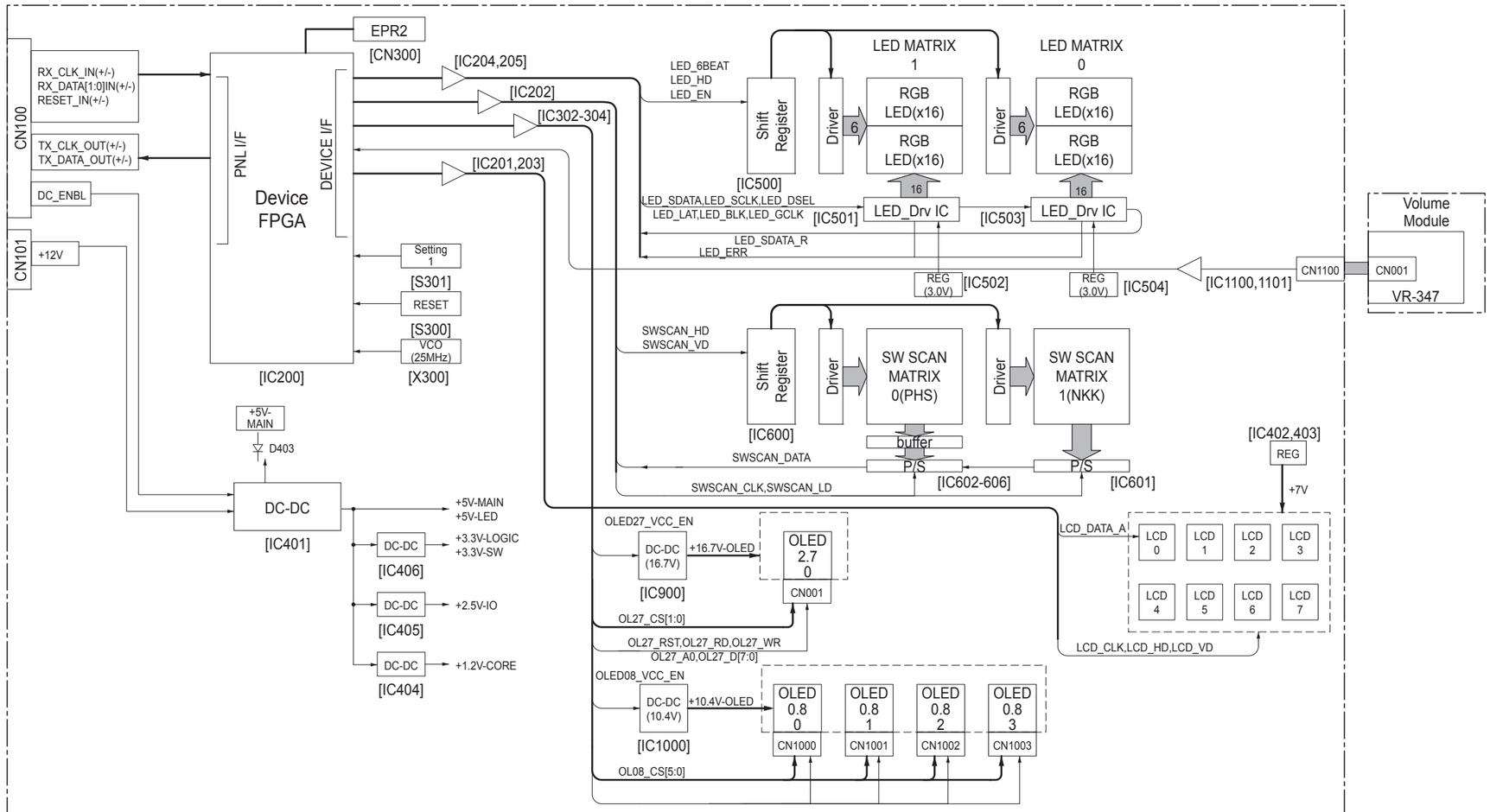
KY-690


EPR2
[CN300]
[IC204,205]
[IC202]
[IC302-305]
CN100
RX_CLK_IN(+/-)
RX_DATA[1:0]IN(+/-)
RESET_IN(+/-)
TX_CLK_OUT(+/-)
TX_DATA_OUT(+/-)
DC_ENBL
CN102
+12V
PNL I/F
DEVICE I/F
Device FPGA
[IC200]
Setting 1
[S301]
RESET
[S300]
VCO (25MHz)
[X300]
LED_6BEAT
LED_HD
LED_EN
Shift Register
Driver
6
LED MATRIX 1
LED MATRIX 0
RGB LED(x16)
[IC500]
16
LED_SDATA,LED_SCLK,LED_DSEL
LED_LAT,LED_BLK,LED_GCLK
[IC501]
LED_Drv IC
[IC503]
LED_SDATA_R
LED_ERR
REG (3.0V)
[IC502]
[IC504]
[IC1100]
CN1100
Fader Module
CN-3538
CN100
SWSCAN_HD
SWSCAN_LD
SW SCAN MATRIX 0
[IC600]
buffer
P/S
[IC601-605]
SWSCAN_DATA
SWSCAN_CLK,SWSCAN_HD
+5V-MAIN
D403
DC-DC
[IC400]
+5V-MAIN
+5V-LED
DC-DC
+3.3V-LOGIC
+3.3V-SW
[IC406]
+2.5V-IO
[IC405]
+1.2V-CORE
[IC404]
CN101
TX_CLK_OUT(+/-)
TX_DATA[1:0]OUT(+/-)
RESET_OUT(+/-)
TX_CLK_IN(+/-)
TX_DATA_IN(+/-)
DC_ENBL
CN103
+12V
OLED27_VCC_EN
DC-DC (16.7V)
+16.7V-OLED
[IC900]
OLED 2.7 0
OLED 2.7 1
CN900
CN901
OL27_CS[1:0]
OL27_RST,OL27_RD,OL27_WR
OL27_A0,OL27_D[7:0]
OLED08_VCC_EN
DC-DC (10.4V)
+10.4V-OLED
[IC1000]
OLED 0.8 0
OLED 0.8 1
OLED 0.8 2
OLED 0.8 3
OLED 0.8 4
CN1000
CN1001
CN1002
CN1003
CN1004
OL08_CS[5:0]
OL27_RST,OL27_DC
OL27_SCLK,OL27_SDIN

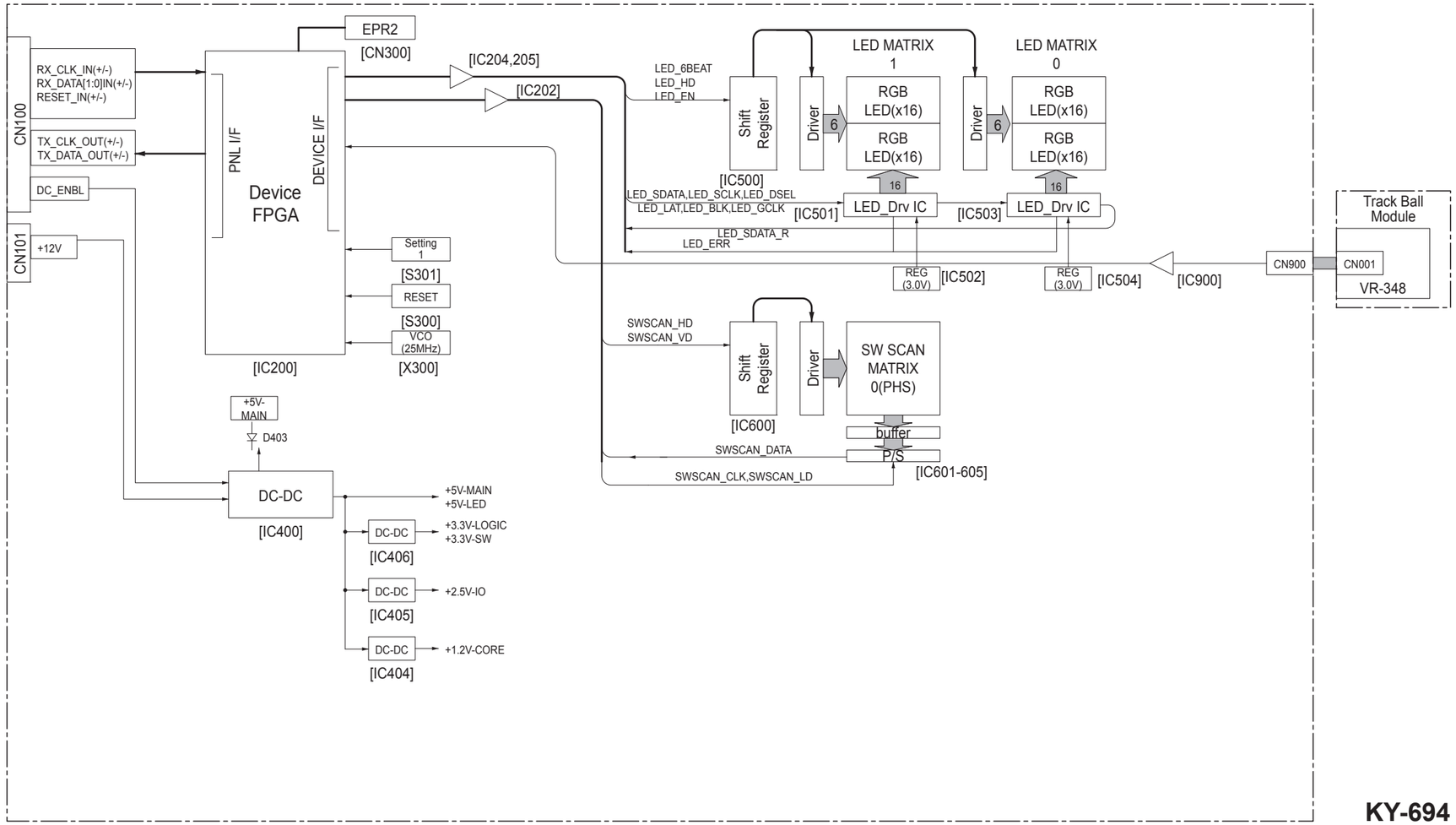
KY-691


CN100
RX_CLK_IN(+/-)
RX_DATA[1:0]IN(+/-)
RESET_IN(+/-)
TX_CLK_OUT(+/-)
TX_DATA_OUT(+/-)
DC_ENBL
CN102
+12V
CN101
TX_CLK_OUT(+/-)
TX_DATA[1:0]OUT(+/-)
RESET_OUT(+/-)
TX_CLK_IN(+/-)
TX_DATA_IN(+/-)
DC_ENBL
CN103
+12V
PNL I/F
DEVICE I/F
Device FPGA
[IC200]
EPR2
[CN300]
[IC204,205]
[IC202]
[IC302-305]
[IC201,203]
Setting 1
[S301]
RESET
[S300]
VCO (25MHz)
[X300]
+5V-MAIN
D403
DC-DC
[IC401]
+5V-MAIN
+5V-LED
DC-DC
[IC406]
+3.3V-LOGIC
+3.3V-SW
DC-DC
[IC405]
+2.5V-IO
DC-DC
[IC404]
+1.2V-CORE
LED_6BEAT
LED_HD
LED_EN
Shift Register
[IC500]
Driver
6
LED MATRIX 1
RGB LED(x16)
RGB LED(x16)
Driver
6
LED MATRIX 0
RGB LED(x16)
RGB LED(x16)
16
16
LED_SDATA,LED_SCLK,LED_DSEL
LED_LAT,LED_BLK,LED_GCLK
[IC501]
LED_Drv IC
[IC503]
LED_Drv IC
LED_SDATA_R
LED_ERR
REG (3.0V)
[IC502]
REG (3.0V)
[IC504]
[IC1100]
CN1100
Fader Module
CN-3538
CN100
SWSCAN_HD
SWSCAN_VD
Shift Register
[IC600]
Driver
SW SCAN MATRIX 0(PHS)
Driver
SW SCAN MATRIX 1(NKK)
buffer
P/S
[IC602-606]
P/S
[IC601]
SWSCAN_DATA
SWSCAN_CLK,SWSCAN_LD
[IC402]
REG
+7V
OLED27_VCC_EN
DC-DC (16.7V)
[IC900]
+16.7V-OLED
OLED 2.7 0
CN900
OLED 2.7 1
CN901
OL27_CS[1:0]
OL27_RST,OL27_RD,OL27_WR
OL27_A0,OL27_D[7:0]
LCD_DATA_A
LCD 0
LCD 1
LCD 2
LCD 3
LCD 4
LCD 5
LCD 6
LCD 7
LCD_CLK,LCD_HD,LCD_VD
OLED08_VCC_EN
DC-DC (10.4V)
[IC1000]
+10.4V-OLED
OLED 0.8 0
CN1000
OLED 0.8 1
CN1001
OLED 0.8 2
CN1002
OLED 0.8 3
CN1003
OLED 0.8 4
CN1004
OL08_CS[5:0]

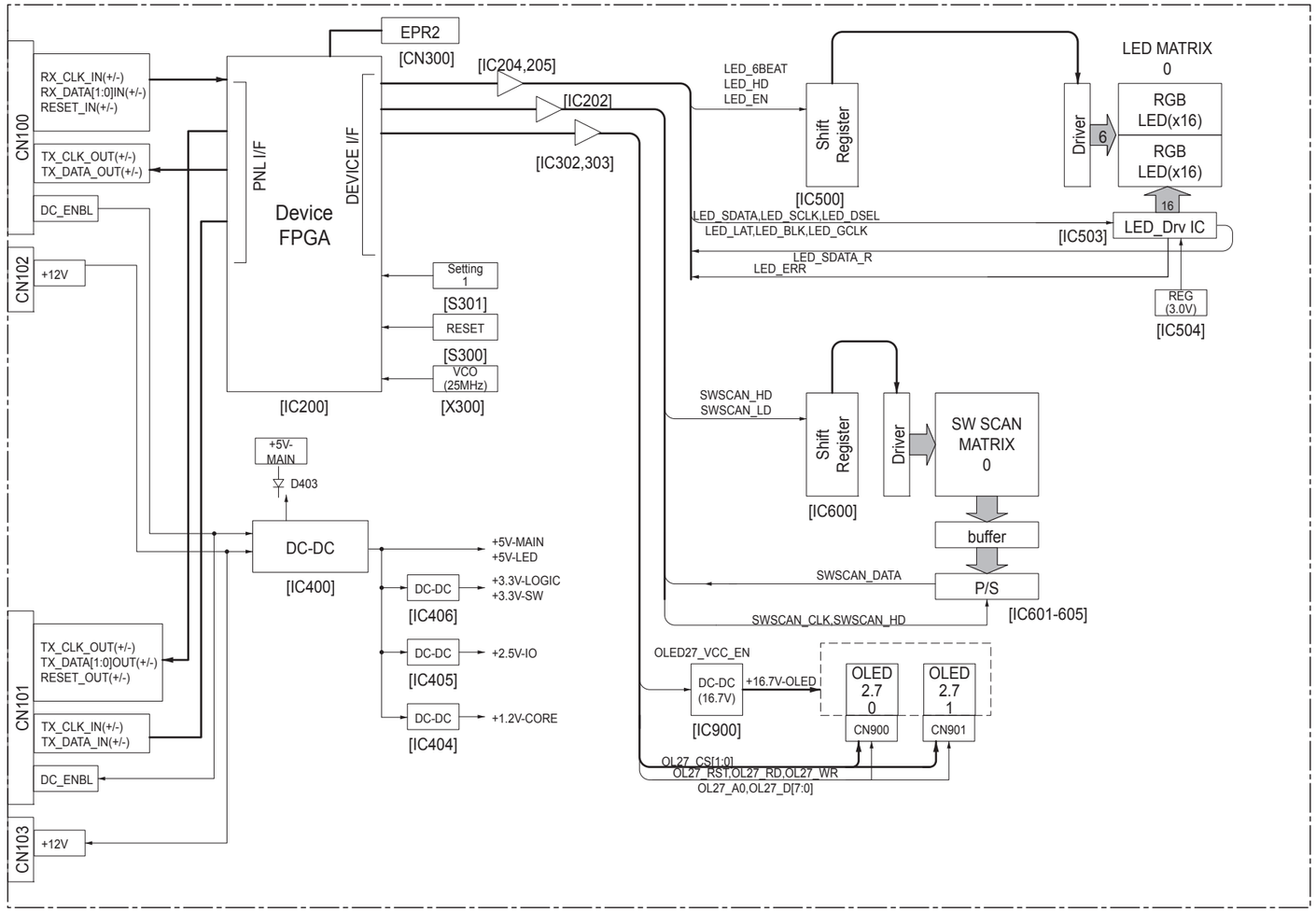
KY-692


CN100
RX_CLK_IN(+/-)
RX_DATA[1:0]IN(+/-)
RESET_IN(+/-)
TX_CLK_OUT(+/-)
TX_DATA_OUT(+/-)
DC_ENBL
CN101
+12V
PNL I/F
DEVICE I/F
Device FPGA
[IC200]
EPR2
[CN300]
[IC204,205]
[IC202]
[IC302-304]
[IC201,203]
Setting 1
[S301]
RESET
[S300]
VCO (25MHz)
[X300]
LED_6BEAT
LED_HD
LED_EN
Shift Register
[IC500]
Driver
6
LED MATRIX 1
RGB LED(x16)
RGB LED(x16)
LED MATRIX 0
RGB LED(x16)
RGB LED(x16)
16
LED_SDATA,LED_SCLK,LED_DSEL
LED_LAT,LED_BLK,LED_GCLK
[IC501]
LED_Drv IC
[IC503]
LED_SDATA_R
LED_ERR
REG (3.0V)
[IC502]
[IC504]
[IC1100,1101]
CN1100
Volume Module
CN001
VR-347
SWSCAN_HD
SWSCAN_VD
SW SCAN MATRIX 0(PHS)
SW SCAN MATRIX 1(NKK)
[IC600]
buffer
P/S
[IC602-606]
[IC601]
SWSCAN_DATA
SWSCAN_CLK,SWSCAN_LD
[IC402,403]
REG
+7V
+5V-MAIN
D403
DC-DC
[IC401]
+5V-MAIN
+5V-LED
DC-DC
+3.3V-LOGIC
+3.3V-SW
[IC406]
DC-DC
+2.5V-IO
[IC405]
DC-DC
+1.2V-CORE
[IC404]
OLED27_VCC_EN
DC-DC (16.7V)
+16.7V-OLED
[IC900]
OLED 2.7 0
CN001
OL27_CS[1:0]
OL27_RST,OL27_RD,OL27_WR
OL27_A0,OL27_D[7:0]
LCD_DATA_A
LCD 0
LCD 1
LCD 2
LCD 3
LCD 4
LCD 5
LCD 6
LCD 7
LCD_CLK,LCD_HD,LCD_VD
OLED08_VCC_EN
DC-DC (10.4V)
+10.4V-OLED
[IC1000]
OLED 0.8 0
OLED 0.8 1
OLED 0.8 2
OLED 0.8 3
CN1000
CN1001
CN1002
CN1003
OL08_CS[5:0]

KY-693


EPR2
[CN300]
[IC204,205]
[IC202]
CN100
RX_CLK_IN(+/-)
RX_DATA[1:0]IN(+/-)
RESET_IN(+/-)
TX_CLK_OUT(+/-)
TX_DATA_OUT(+/-)
DC_ENBL
CN101
+12V
PNL I/F
DEVICE I/F
Device
FPGA
[IC200]
Setting
1
[S301]
RESET
[S300]
VCO
(25MHz)
[X300]
LED_6BEAT
LED_HD
LED_EN
Shift
Register
Driver
6
LED MATRIX
1
RGB
LED(x16)
RGB
LED(x16)
Driver
6
LED MATRIX
0
RGB
LED(x16)
RGB
LED(x16)
[IC500]
16
16
LED_SDATA,LED_SCLK,LED_DSEL
LED_LAT,LED_BLK,LED_GCLK
[IC501]
LED_Drv IC
[IC503]
LED_Drv IC
LED_SDATA_R
LED_ERR
REG
(3.0V)
[IC502]
REG
(3.0V)
[IC504]
[IC900]
CN900
Track Ball
Module
CN001
VR-348
SWSCAN_HD
SWSCAN_VD
Shift
Register
Driver
SW SCAN
MATRIX
0(PHS)
[IC600]
buffer
P/S
[IC601-605]
SWSCAN_DATA
SWSCAN_CLK,SWSCAN_LD
+5V-
MAIN
D403
DC-DC
[IC400]
+5V-MAIN
+5V-LED
DC-DC
+3.3V-LOGIC
+3.3V-SW
[IC406]
DC-DC
+2.5V-IO
[IC405]
DC-DC
+1.2V-CORE
[IC404]

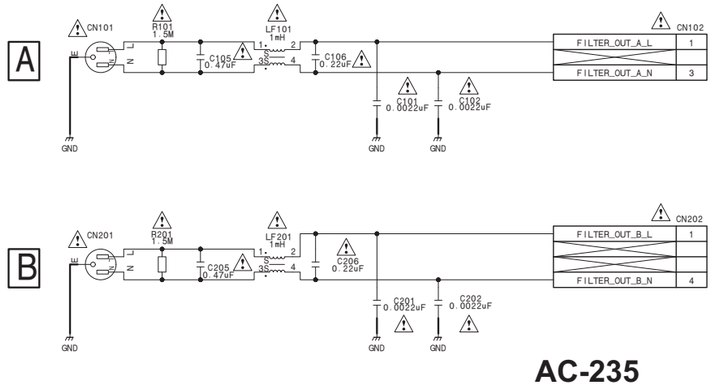
KY-694


EPR2
[CN300]
[IC204,205]
[IC202]
[IC302,303]
CN100
RX_CLK_IN(+/-)
RX_DATA[1:0]IN(+/-)
RESET_IN(+/-)
TX_CLK_OUT(+/-)
TX_DATA_OUT(+/-)
DC_ENBL
PNL I/F
DEVICE I/F
Device FPGA
[IC200]
CN102
+12V
Setting 1
[S301]
RESET
[S300]
VCO (25MHz)
[X300]
LED_6BEAT
LED_HD
LED_EN
Shift Register
[IC500]
Driver
6
LED MATRIX 0
RGB LED(x16)
RGB LED(x16)
16
LED_SDATA,LED_SCLK,LED_DSEL
LED_LAT,LED_BLK,LED_GCLK
[IC503]
LED_Drv IC
LED_SDATA_R
LED_ERR
REG (3.0V)
[IC504]
SWSCAN_HD
SWSCAN_LD
Shift Register
[IC600]
Driver
SW SCAN MATRIX 0
buffer
SWSCAN_DATA
P/S
[IC601-605]
SWSCAN_CLK,SWSCAN_HD
+5V-MAIN
D403
DC-DC
[IC400]
+5V-MAIN
+5V-LED
DC-DC
+3.3V-LOGIC
+3.3V-SW
[IC406]
DC-DC
+2.5V-IO
[IC405]
DC-DC
+1.2V-CORE
[IC404]
CN101
TX_CLK_OUT(+/-)
TX_DATA[1:0]OUT(+/-)
RESET_OUT(+/-)
TX_CLK_IN(+/-)
TX_DATA_IN(+/-)
DC_ENBL
CN103
+12V
OLED27_VCC_EN
DC-DC (16.7V)
+16.7V-OLED
[IC900]
OLED 2.7 0
OLED 2.7 1
CN900
CN901
OL27_CS[1:0]
OL27_RST,OL27_RD,OL27_WR
OL27_A0,OL27_D[7:0]

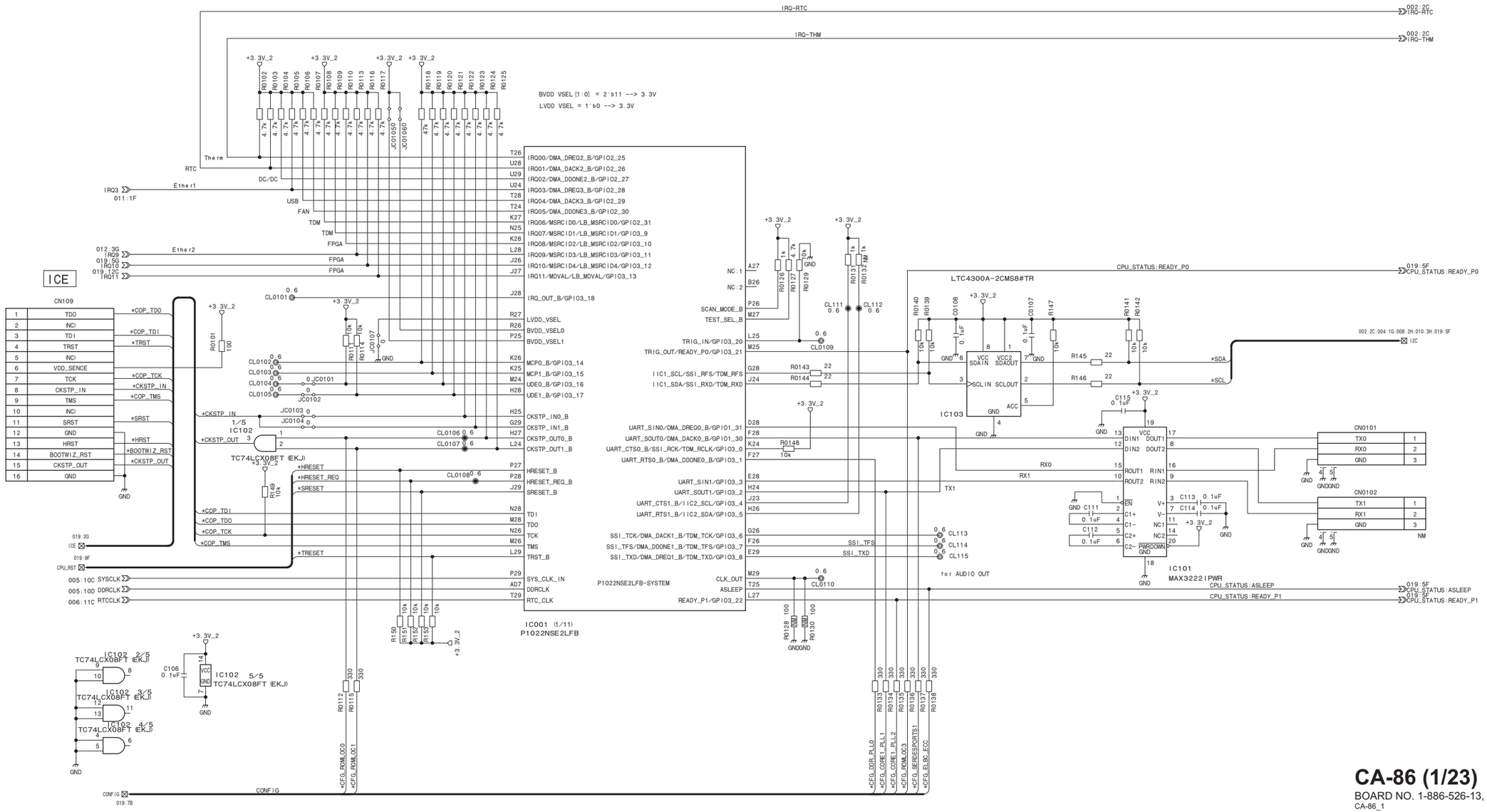
KY-699

# Section 4
# Schematic Diagrams

## AC-235

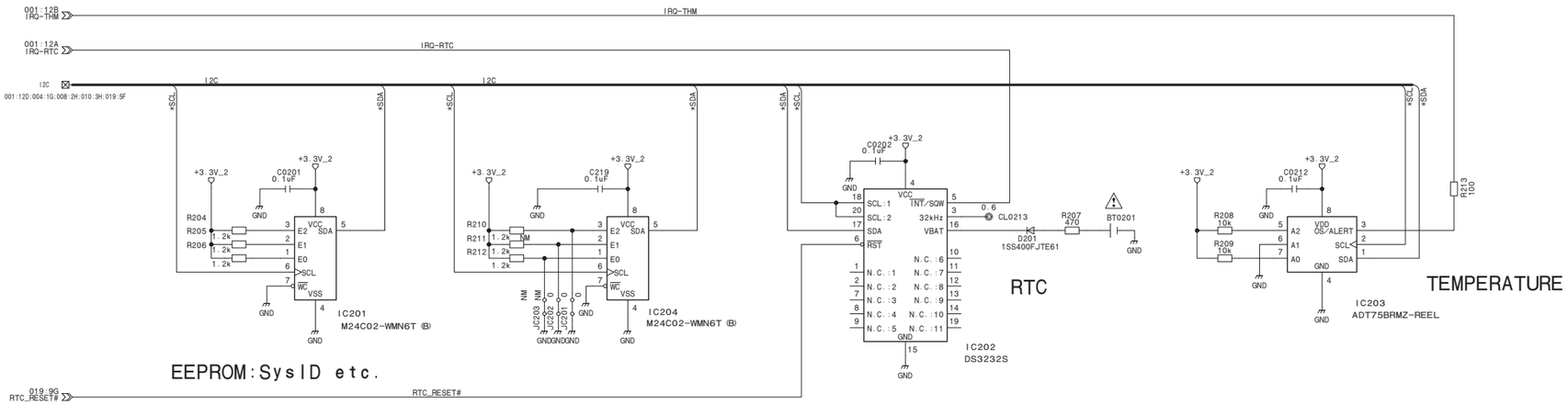


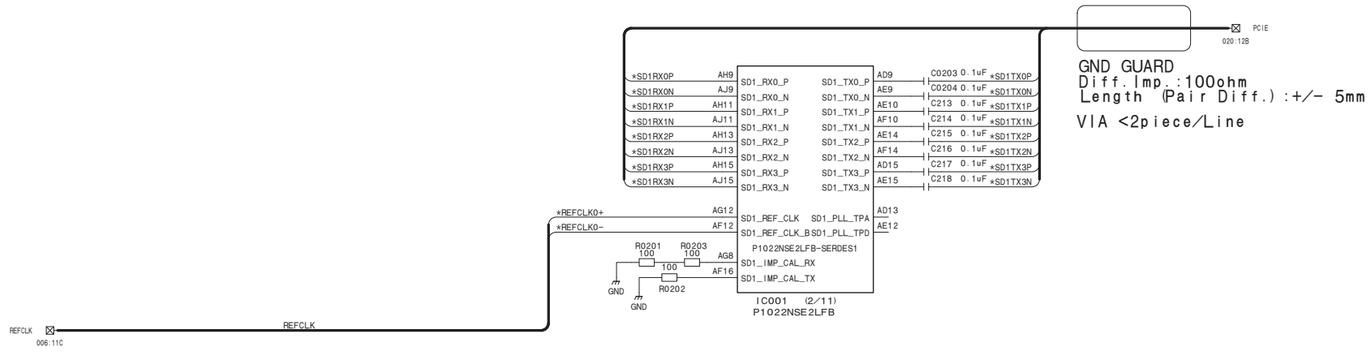

**AC-235**
BOARD NO. 1-886-527-22
AC-235_1




# CA-86 (1/23)

BOARD NO. 1-886-526-13, 23
CA-86_1



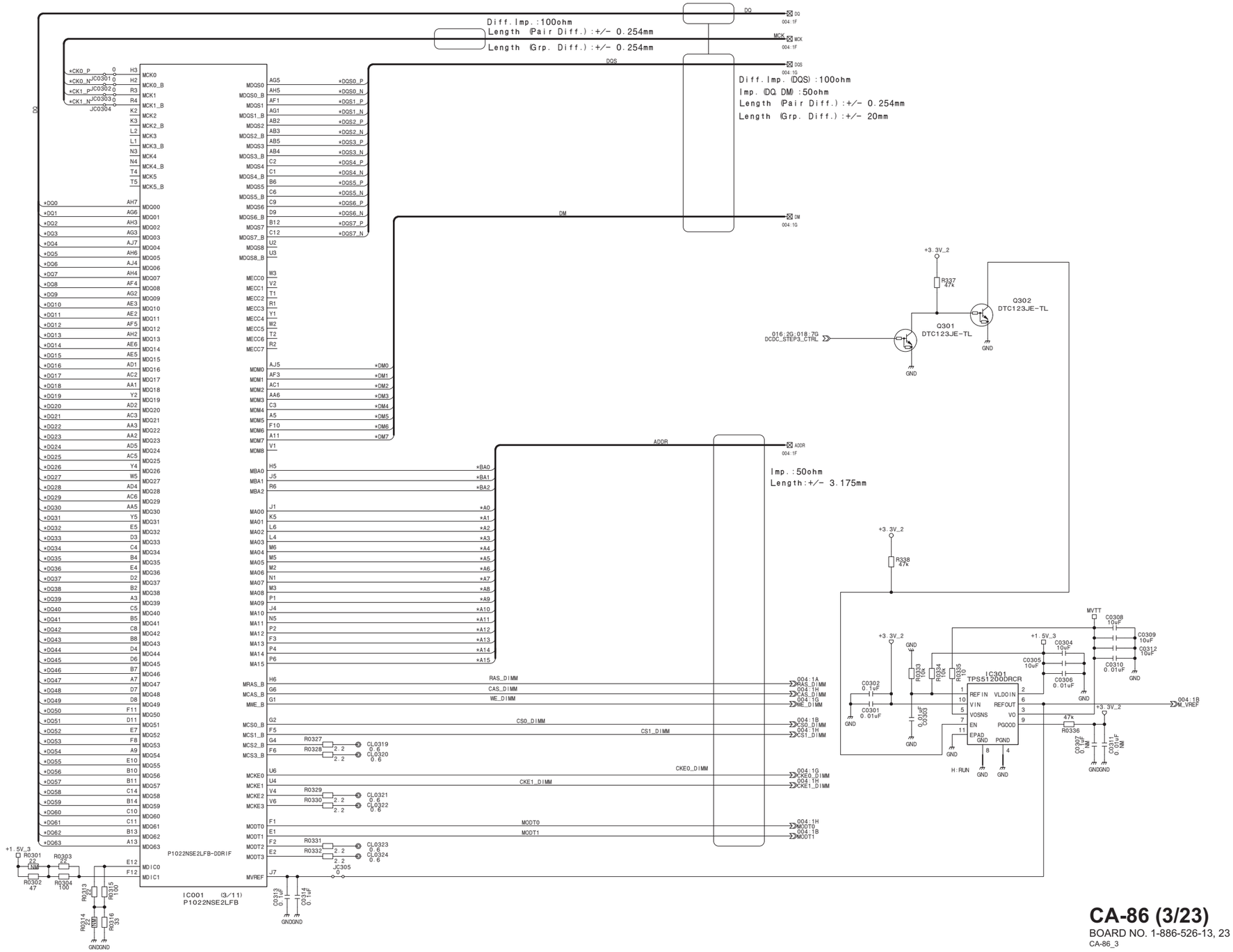




## CA-86 (2/23)

BOARD NO. 1-886-526-13, 23

CA-86_2

## CA-86 (3/23)

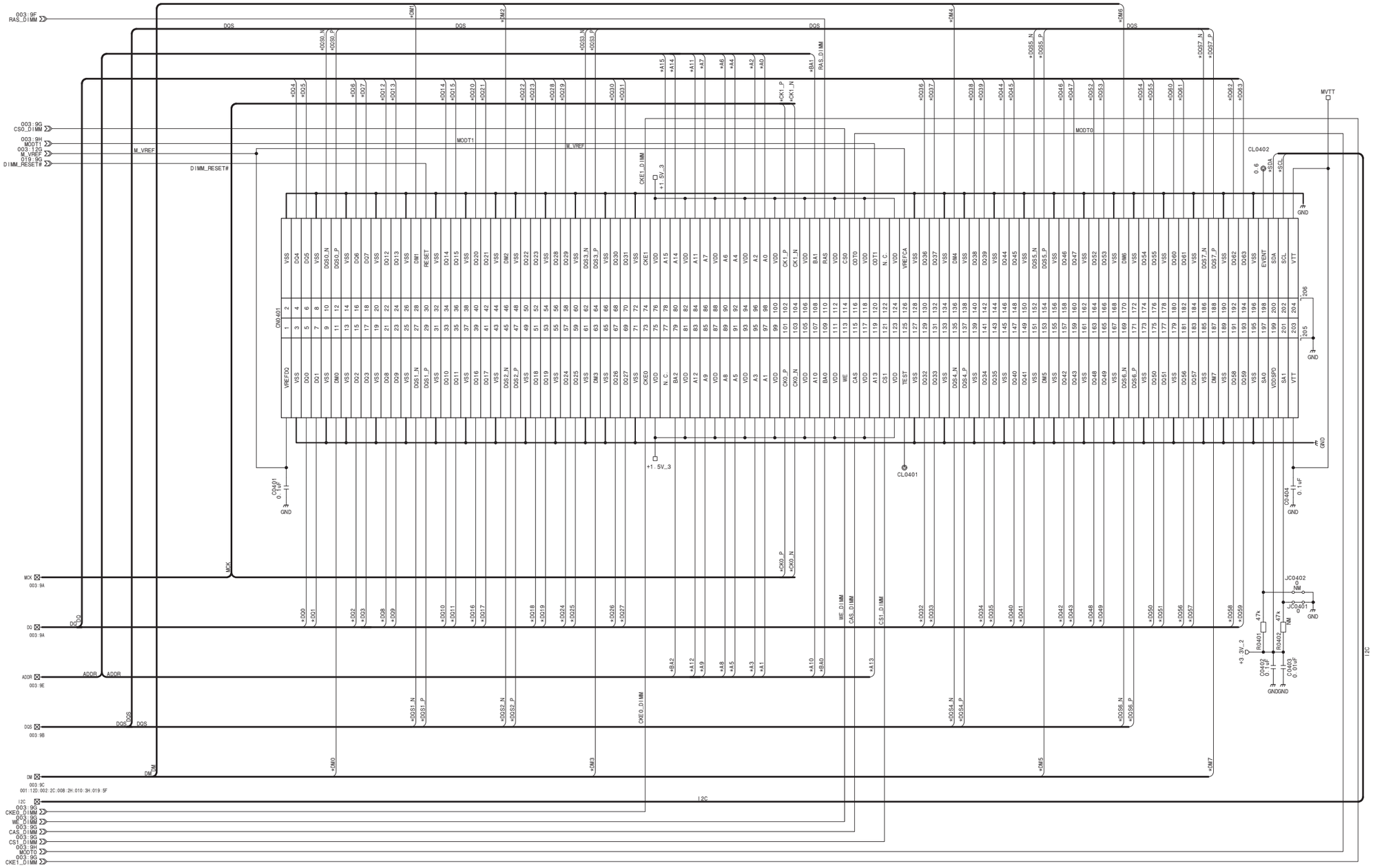



## CA-86 (3/23)

BOARD NO. 1-886-526-13, 23

CA-86_3

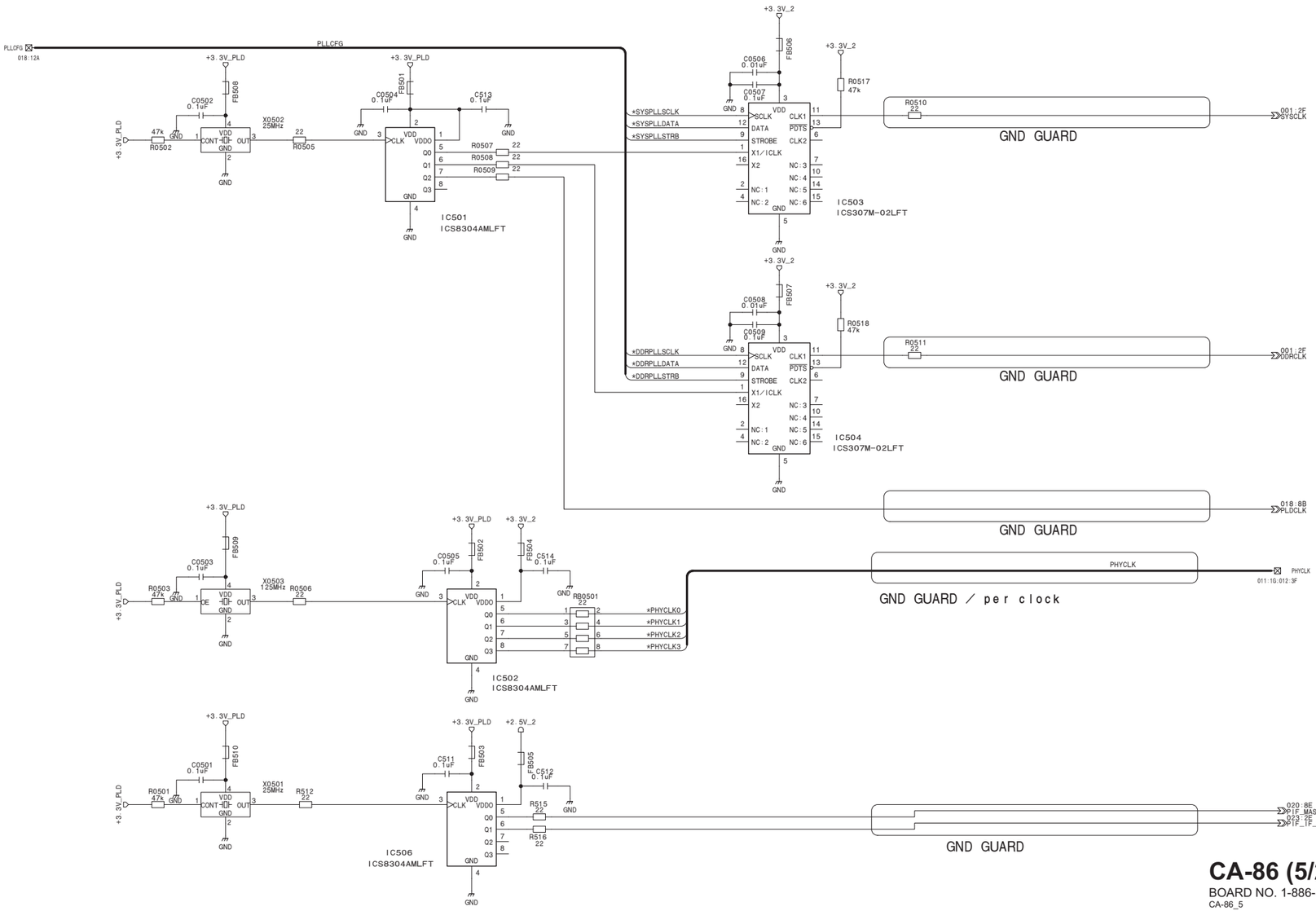
## CA-86 (4/23)




## CA-86 (4/23)

BOARD NO. 1-886-526-13, 23

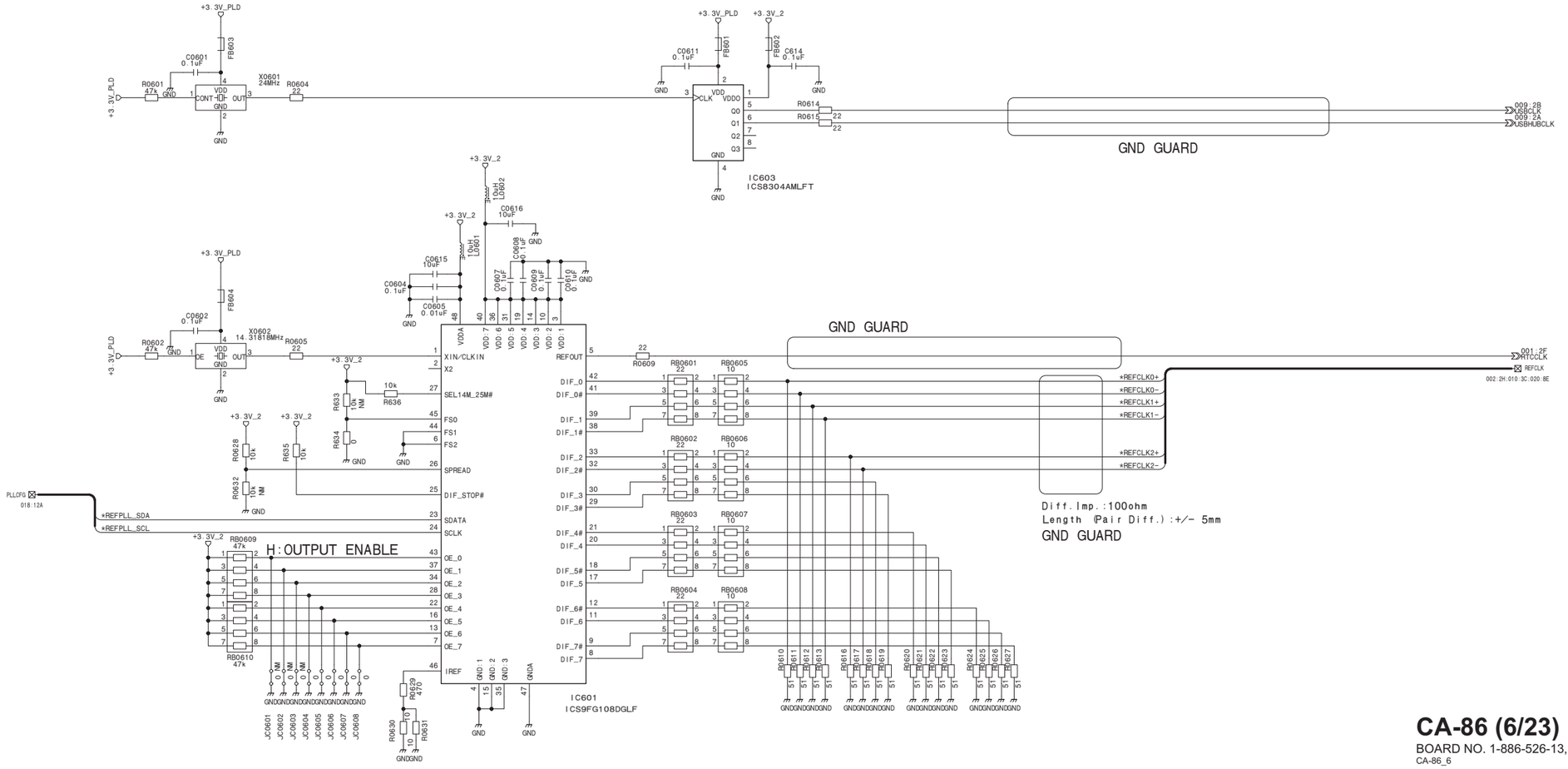
CA-86_4




# CA-86 (5/23)

BOARD NO. 1-886-526-13, 23

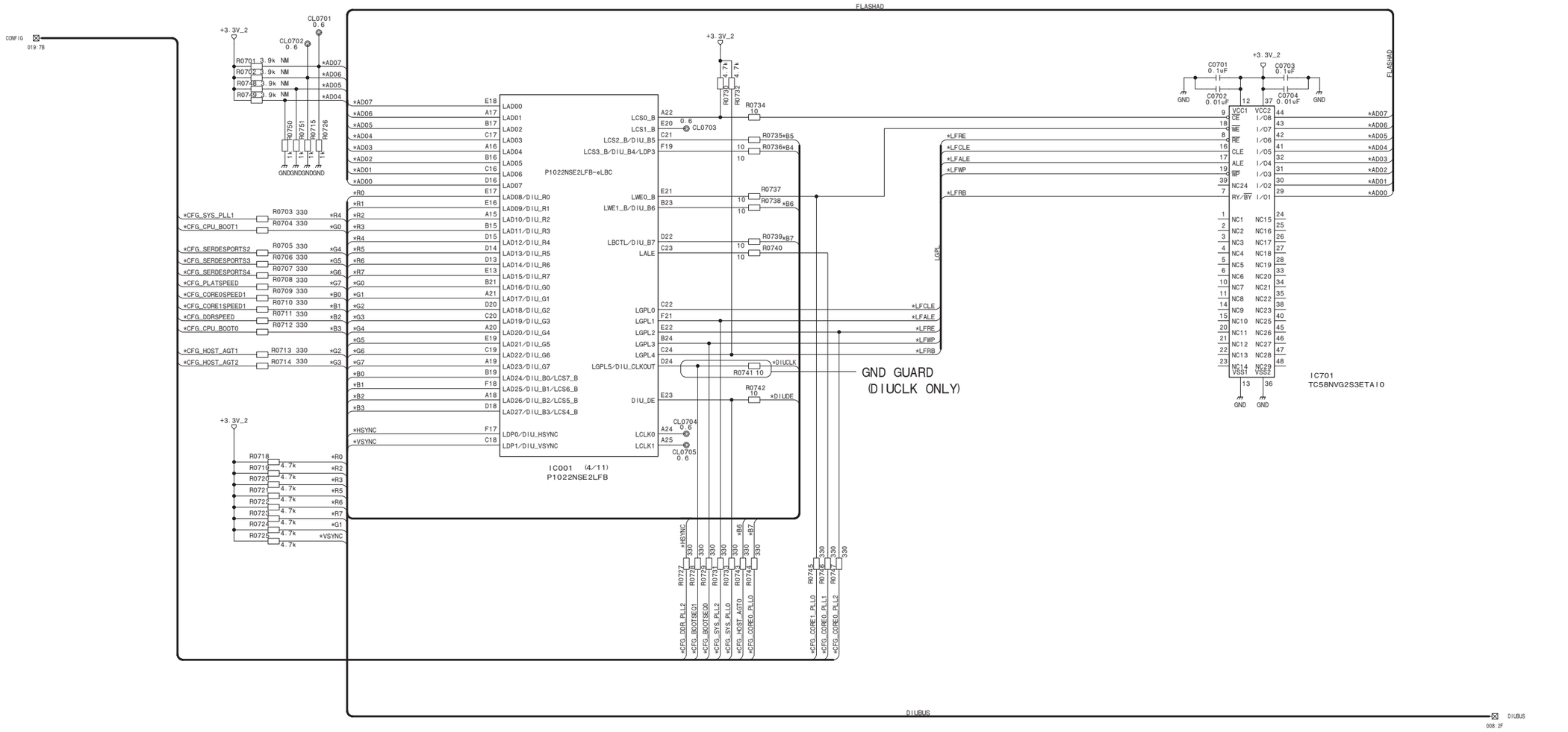
CA-86_5




CA-86 (6/23)

BOARD NO. 1-886-526-13, 23

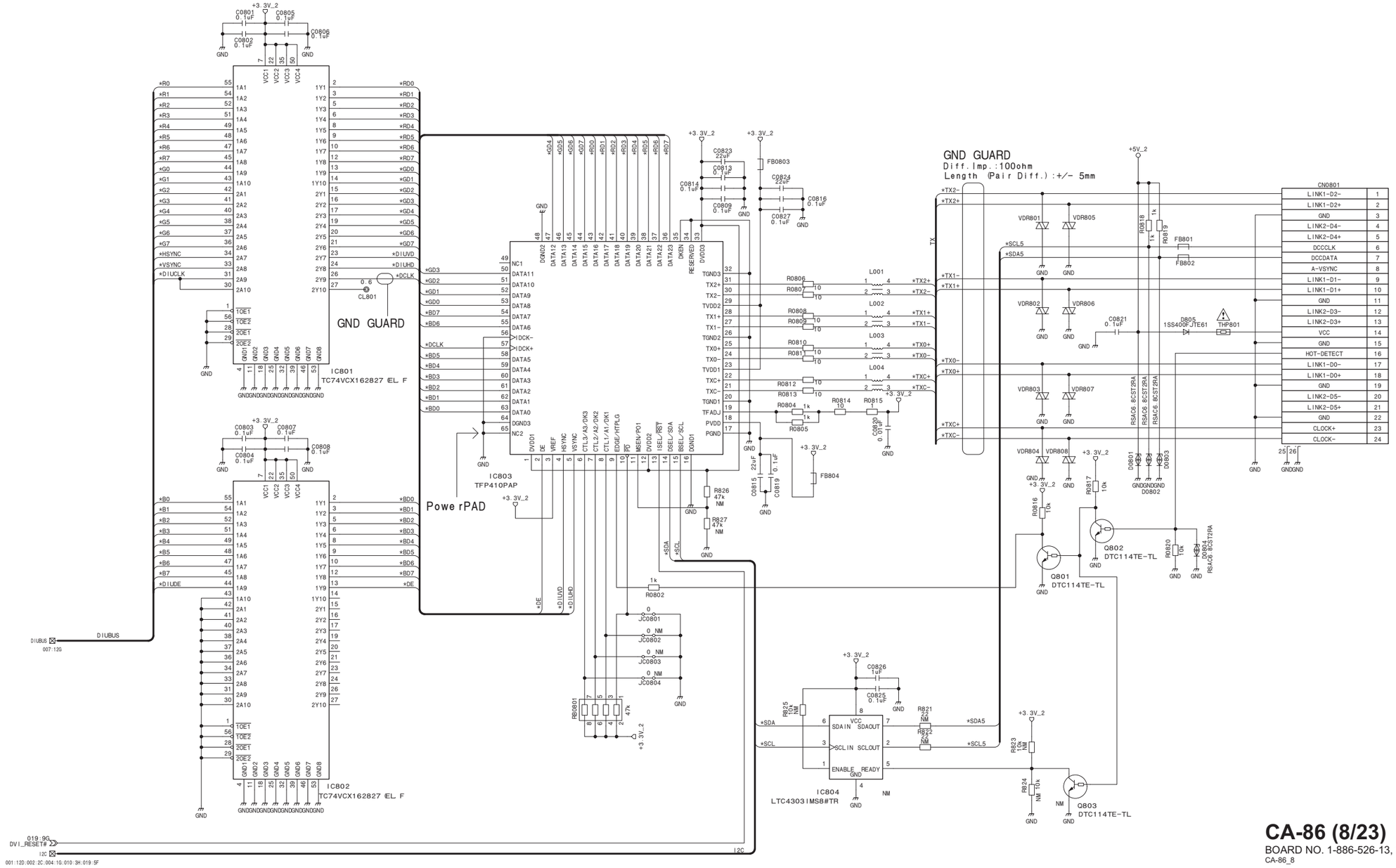
CA-86_6




## CA-86 (7/23)

BOARD NO. 1-886-526-13, 23

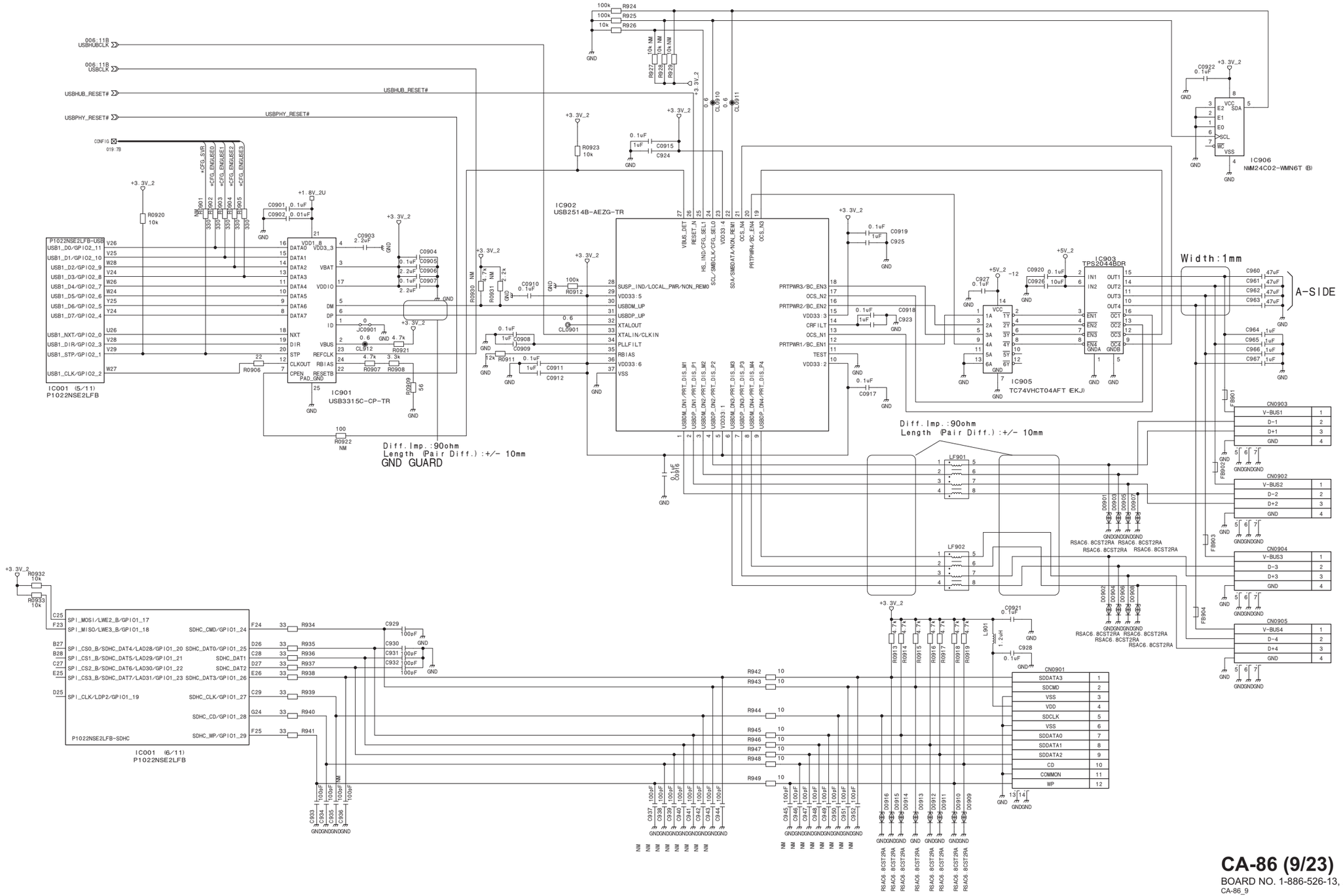
CA-86_7

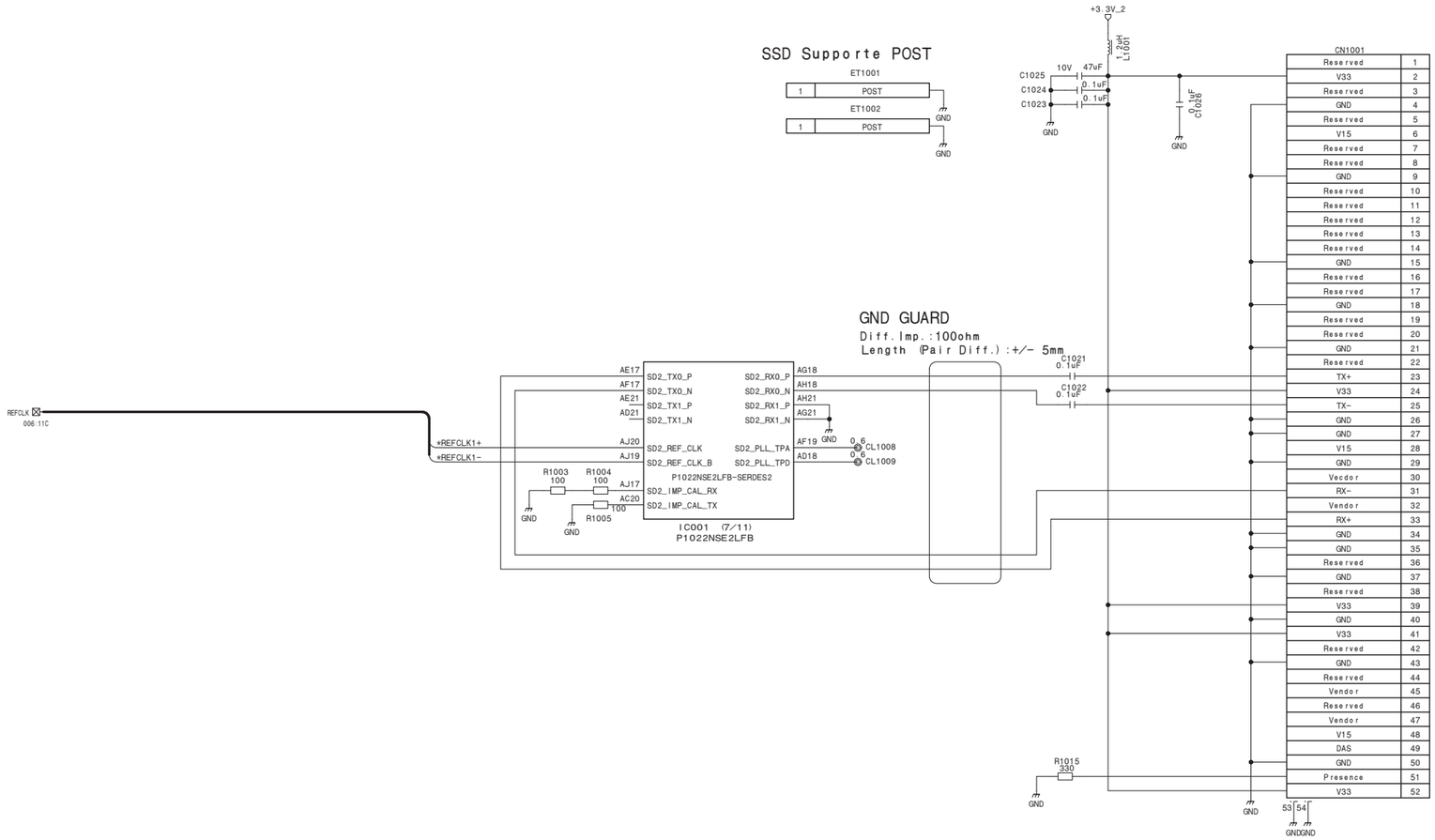



# CA-86 (8/23)

BOARD NO. 1-886-526-13, 23

CA-86_8

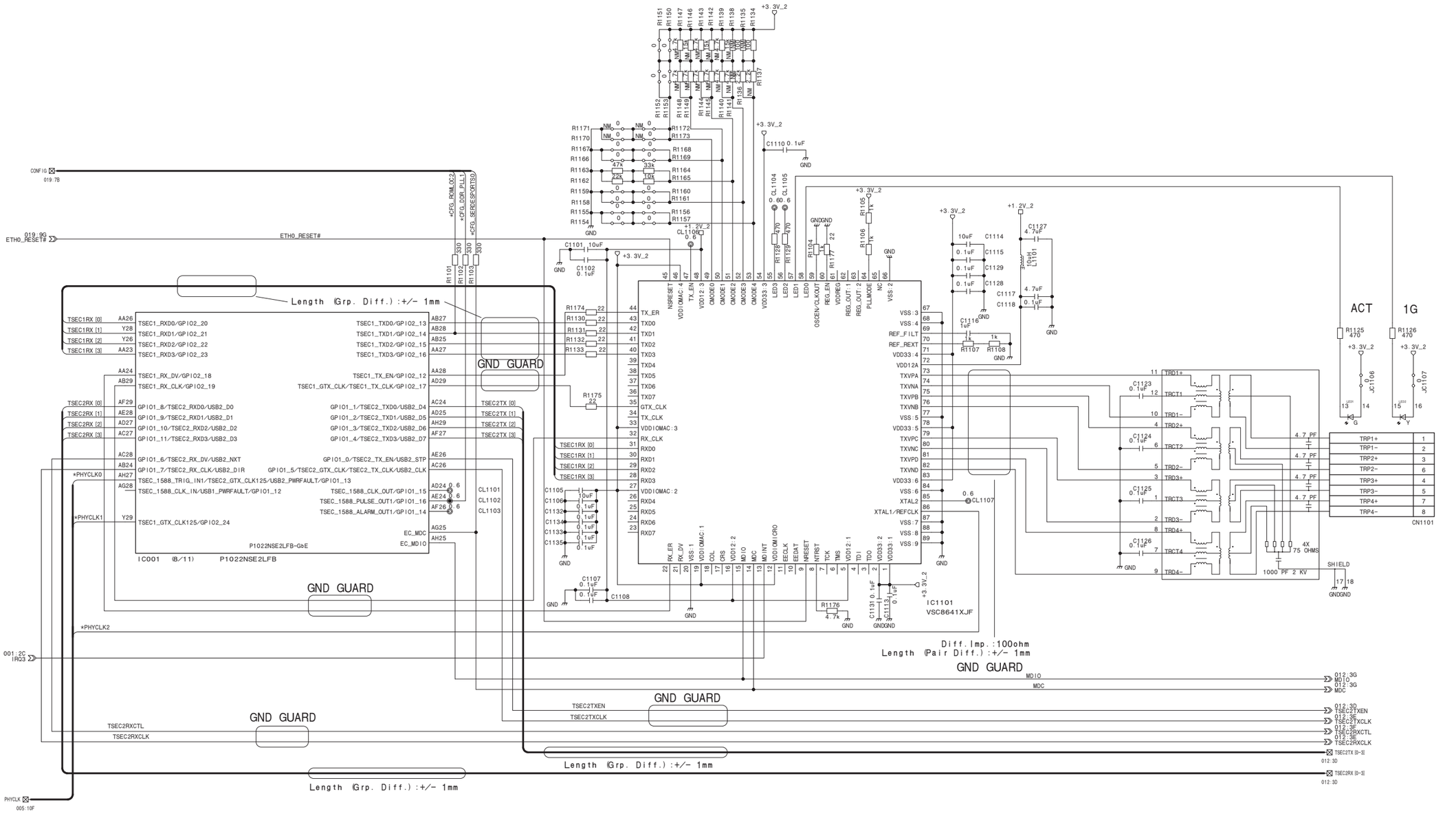

IC902
USB2514B-AEZG-TR
IC901
USB3315C-CP-TR
IC001 (5/11)
P1022NSE2LFB
IC001 (6/11)
P1022NSE2LFB
IC903
TPS2044BDR
IC905
TC74VHCT04AFT (EKJ)
IC906
NM24C02-WMN6T (B)
Width:1mm
A-SIDE
Diff.Imp.:90ohm
Length (Pair Diff.):+/- 10mm
GND GUARD
CN0901
CN0902
CN0903
CN0904
CN0905
SDDATA3
SDCMD
VSS
VDD
SDCLK
SDDATA0
SDDATA1
SDDATA2
CD
COMMON
WP
V-BUS1
V-BUS2
V-BUS3
V-BUS4
D-1
D+1
D-2
D+2
D-3
D+3
D-4
D+4
GND
USBHUBCLR
USBCLK
USBHUB_RESET#
USBPHY_RESET#
CONFIG
P1022NSE2LFB-USB
P1022NSE2LFB-SDHC




# CA-86 (10/23)

BOARD NO. 1-886-526-13, 23

CA-86_10

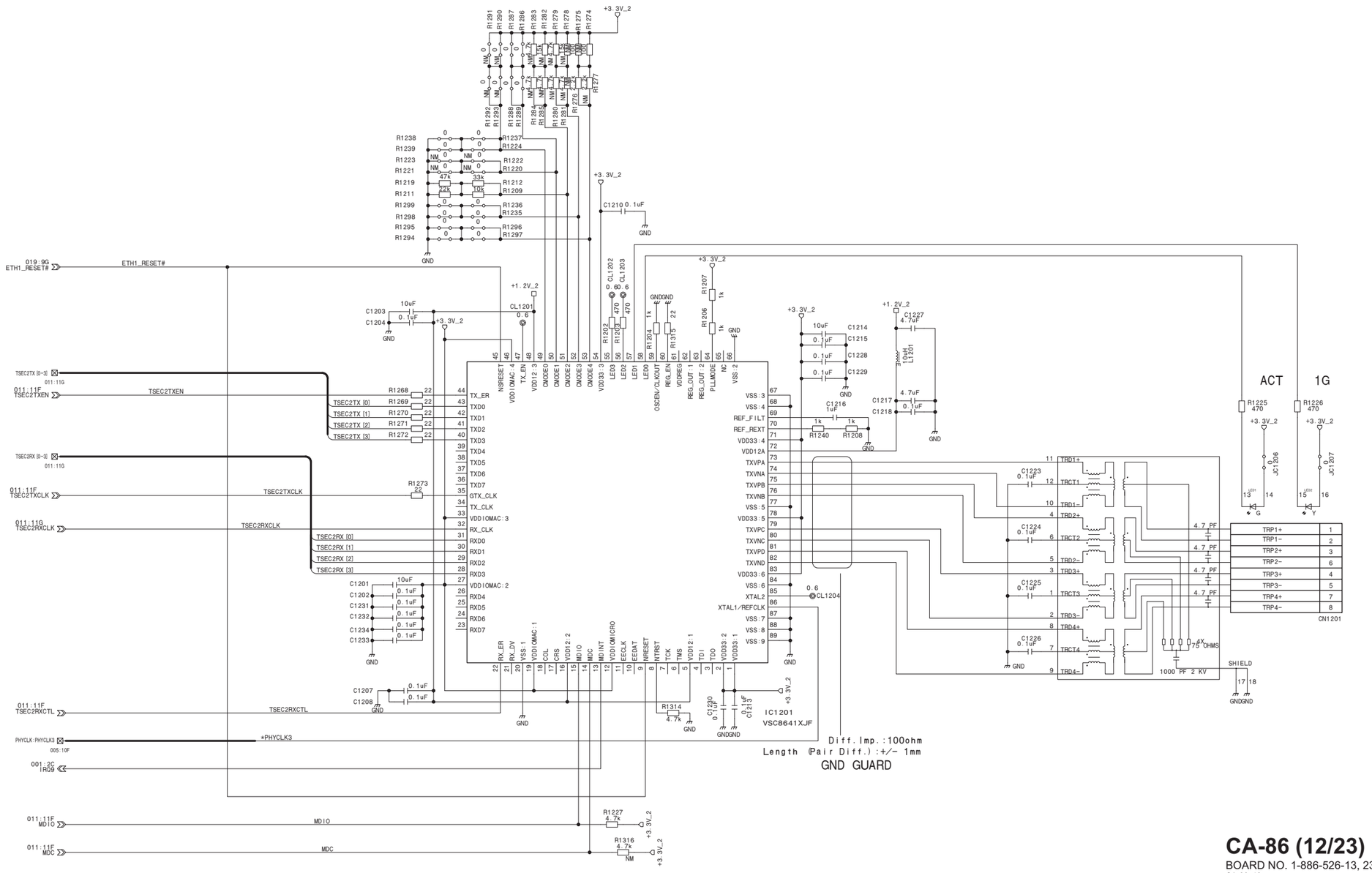





## CA-86 (11/23)

BOARD NO. 1-886-526-13, 23

CA-86_11

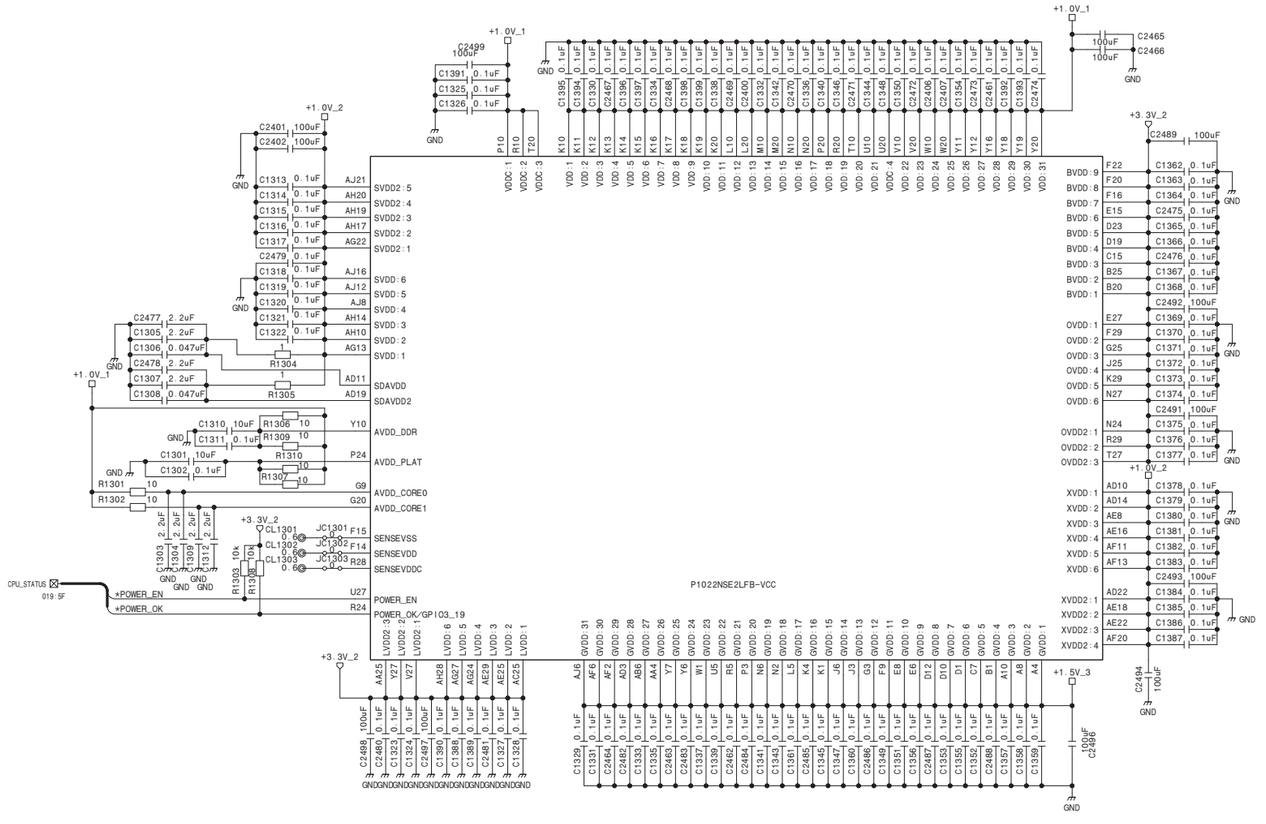



# CA-86 (12/23)

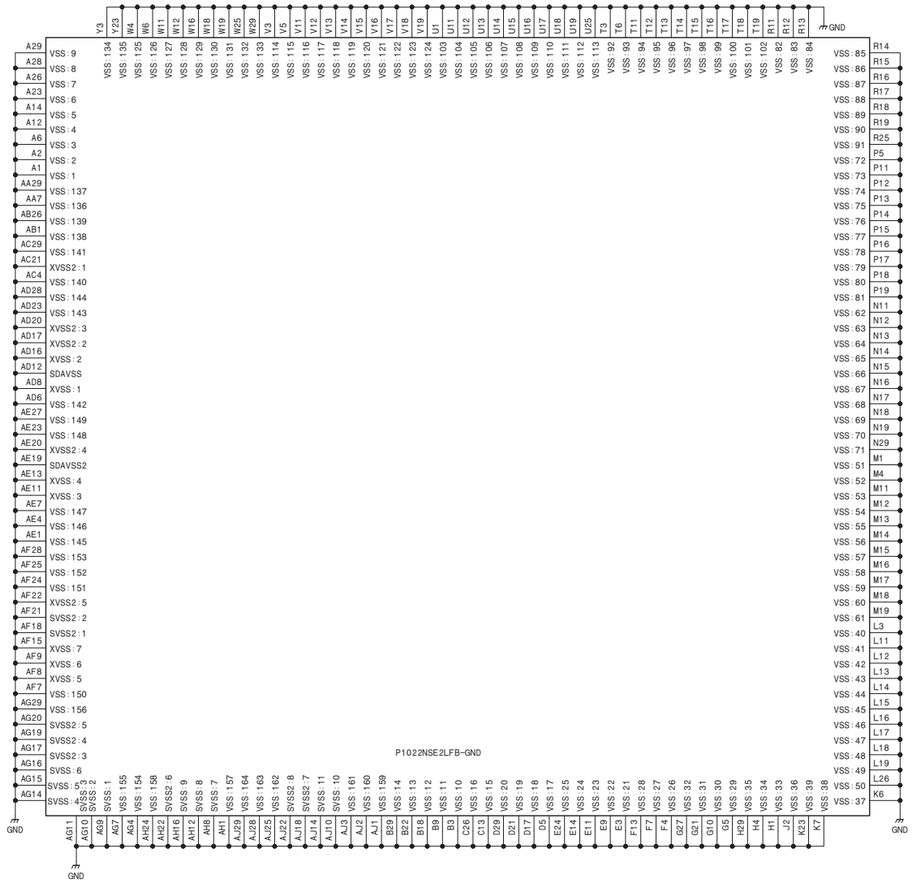
BOARD NO. 1-886-526-13, 23

CA-86_12

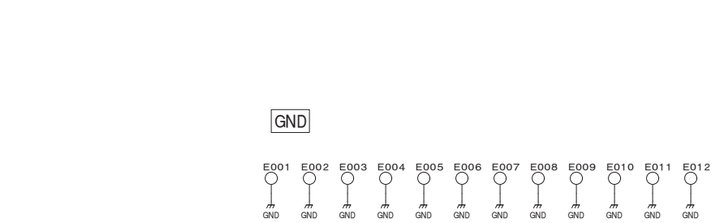
# CA-86 (13/23)

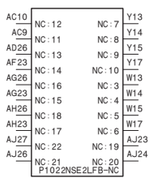



IC001 (9/11)
P1022NSE2LFB




IC001 (10/11)
P1022NSE2LFB

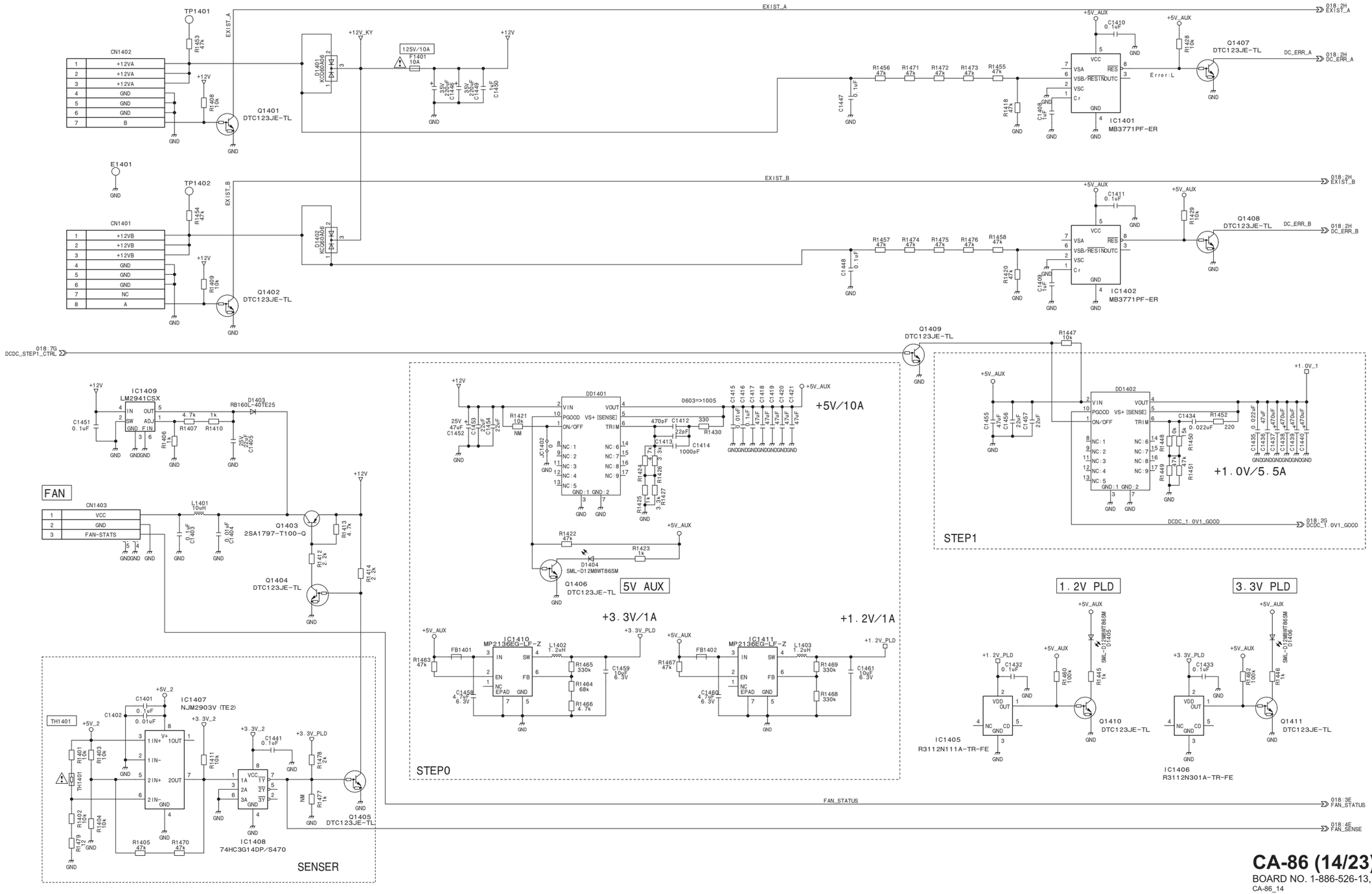



IC001 (11/11)
P1022NSE2LFB

**CA-86 (13/23)**
BOARD NO. 1-886-526-13, 23
CA-86_13

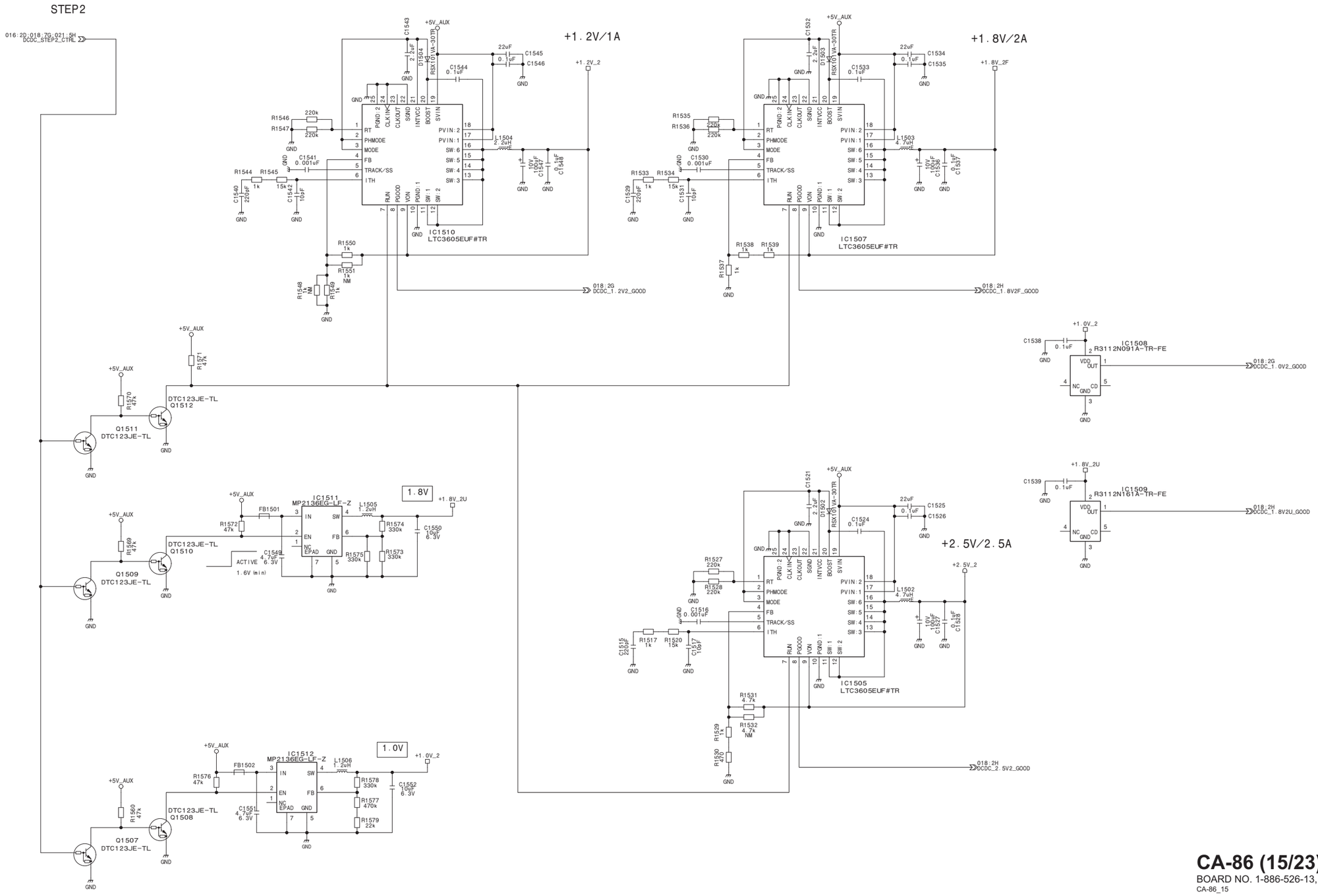
## CA-86 (14/23)




**CA-86 (14/23)**

BOARD NO. 1-886-526-13, 23

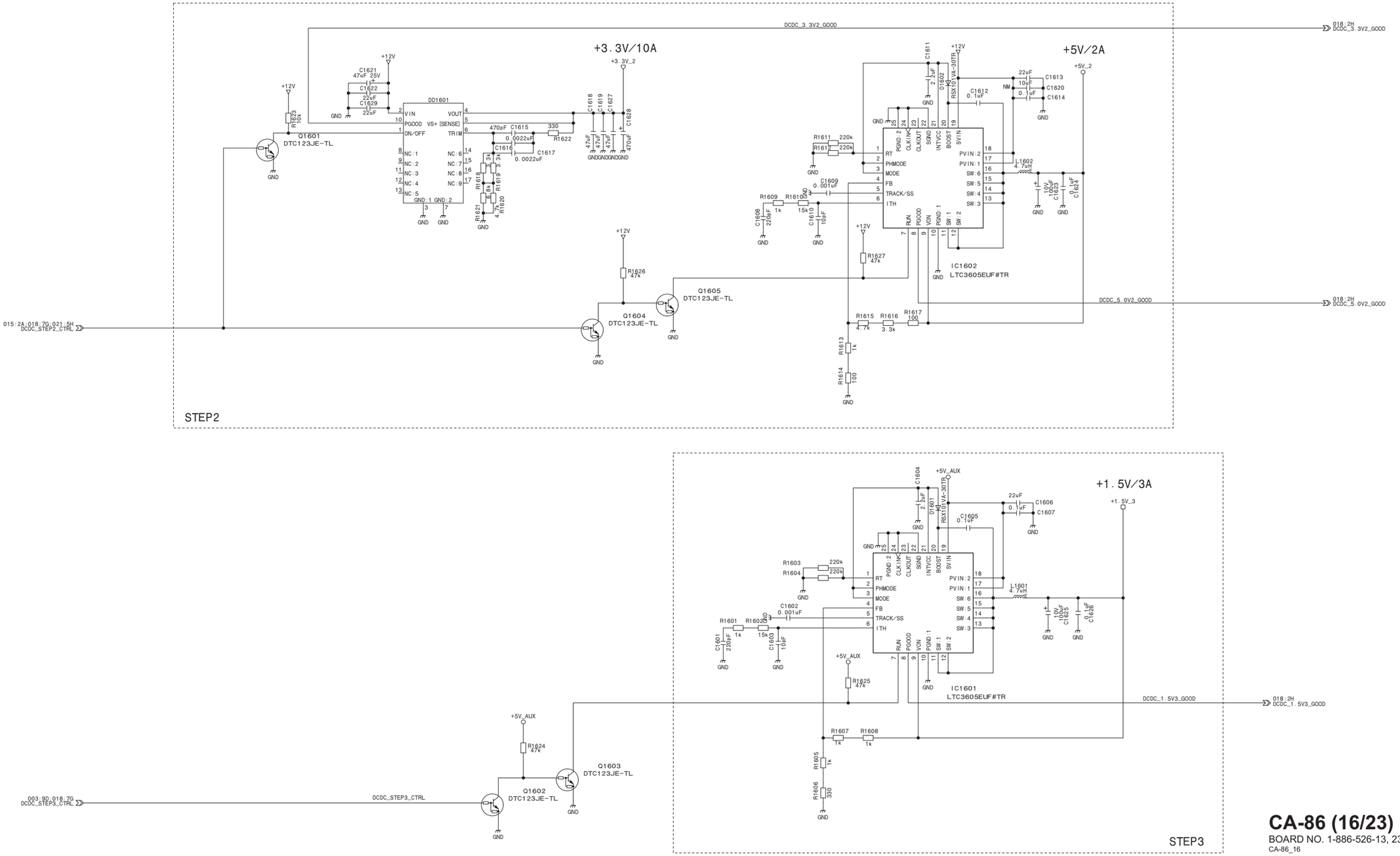
CA-86_14




**CA-86 (15/23)**

BOARD NO. 1-886-526-13, 23

CA-86_15

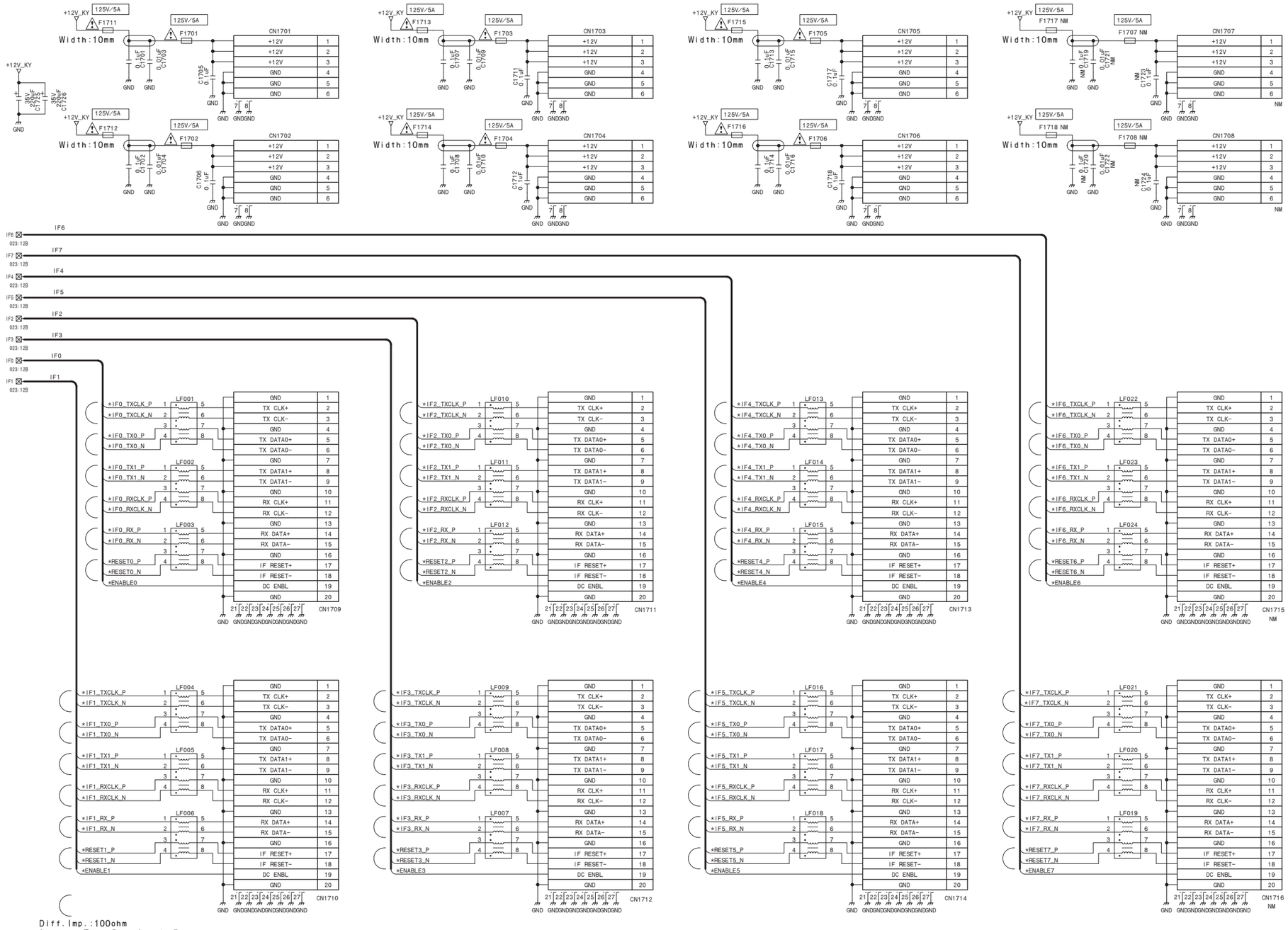



# CA-86 (16/23)

BOARD NO. 1-886-526-13, 23

CA-86_16

# CA-86 (17/23)



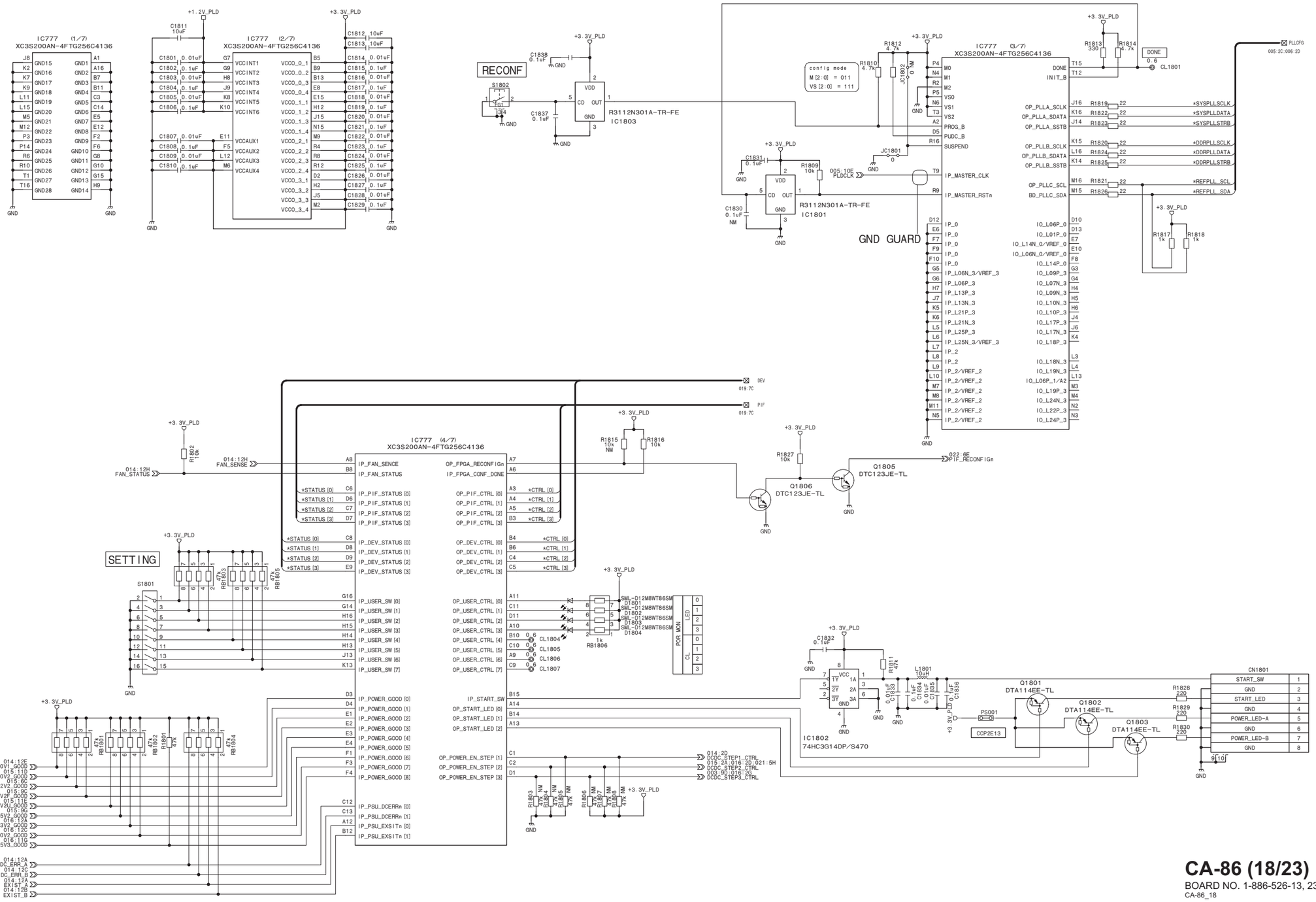

Diff.Imp.:100ohm
Length (Pair Diff.):+/− 5mm

GND GUARD

## CA-86 (17/23)

BOARD NO. 1-886-526-13, 23

CA-86_17

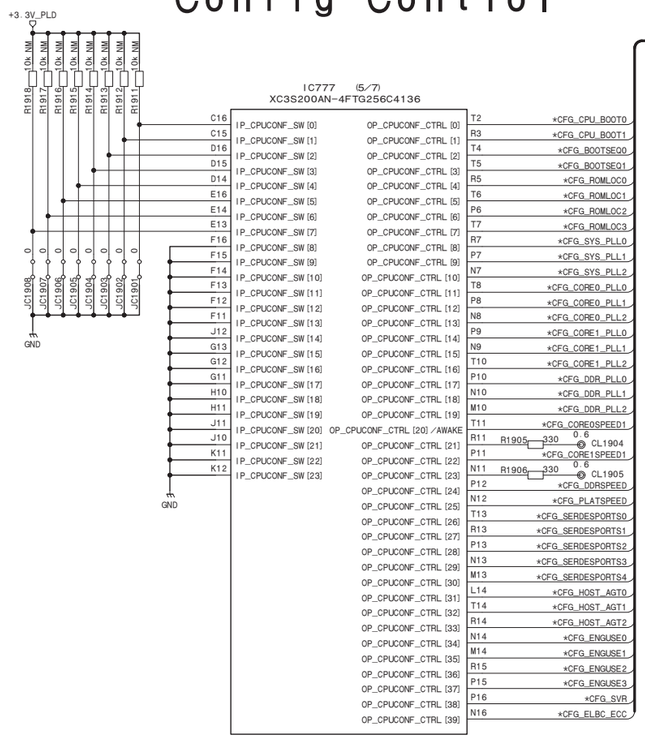



# CA-86 (18/23)

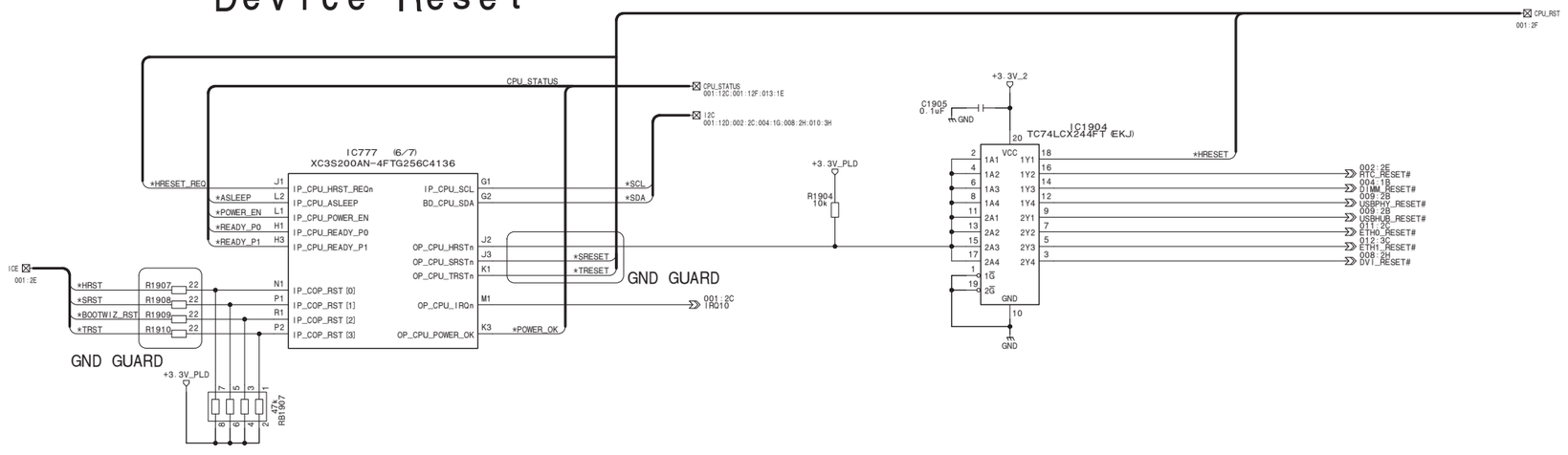
BOARD NO. 1-886-526-13, 23

CA-86_18

# Config Control

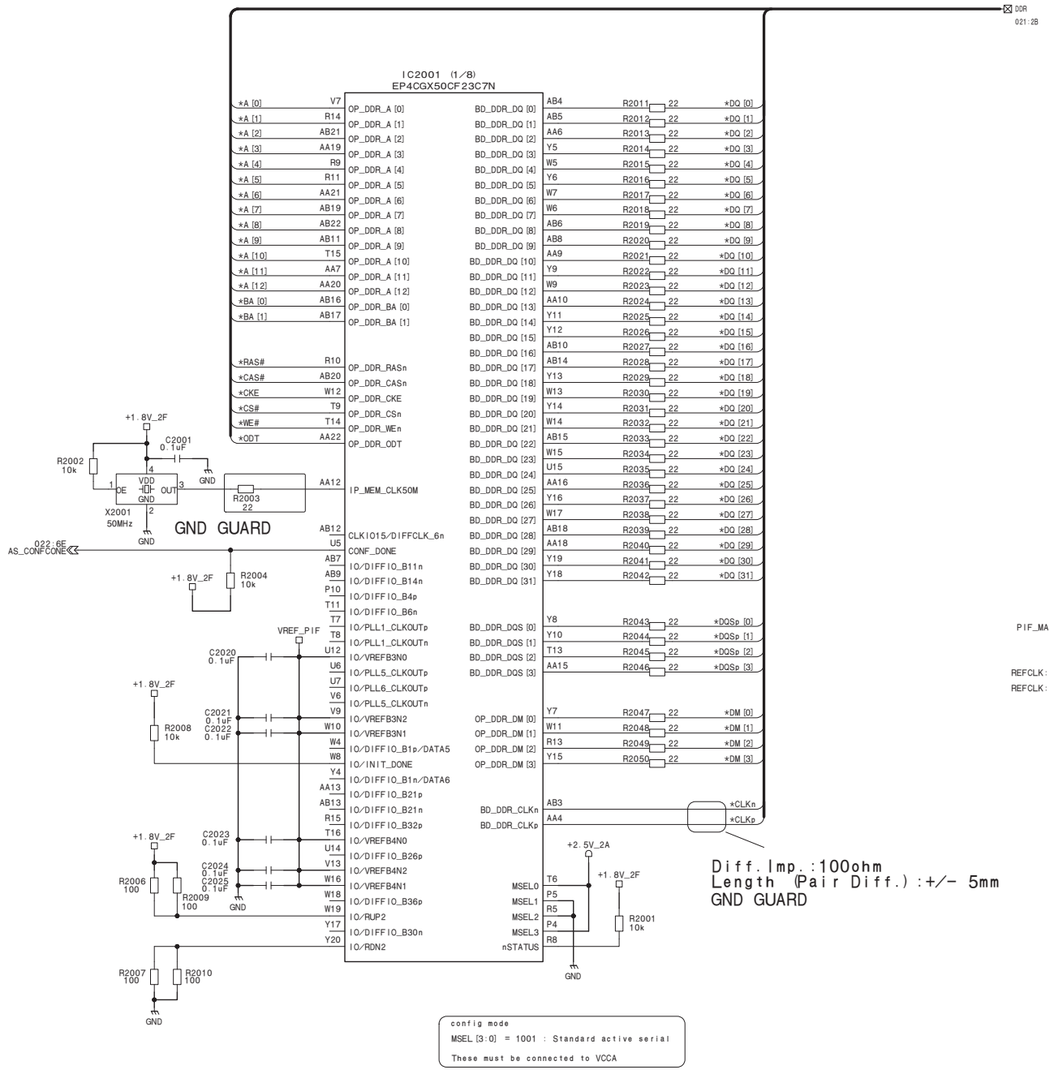



# Device Reset

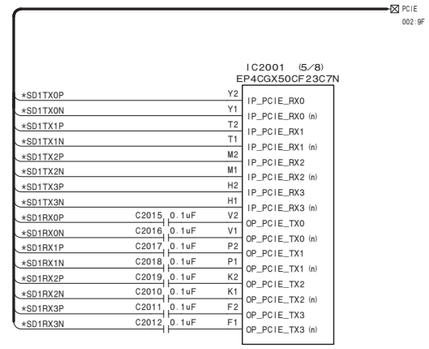



**CA-86 (19/23)**
BOARD NO. 1-886-526-13, 23
CA-86_19

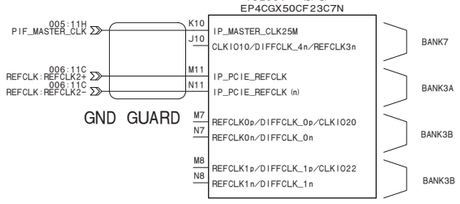
# DDR2 I/F (bank 3, 4 use 1.8V)




# PCIE I/F (bank QL0 use GX)




# Main Clocks

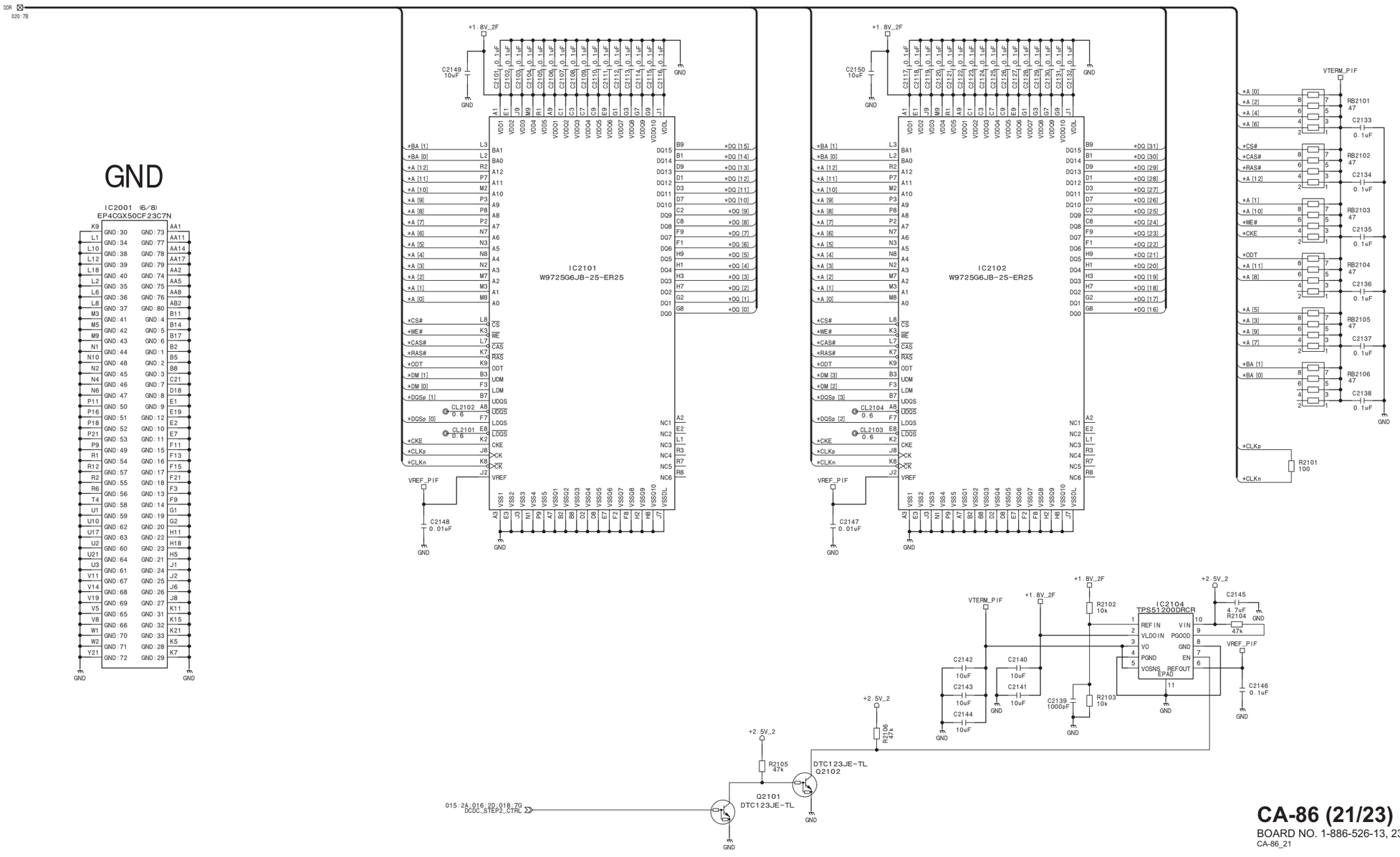



**CA-86 (20/23)**

BOARD NO. 1-886-526-13, 23

CA-86_20

# DDR2 MEMORY

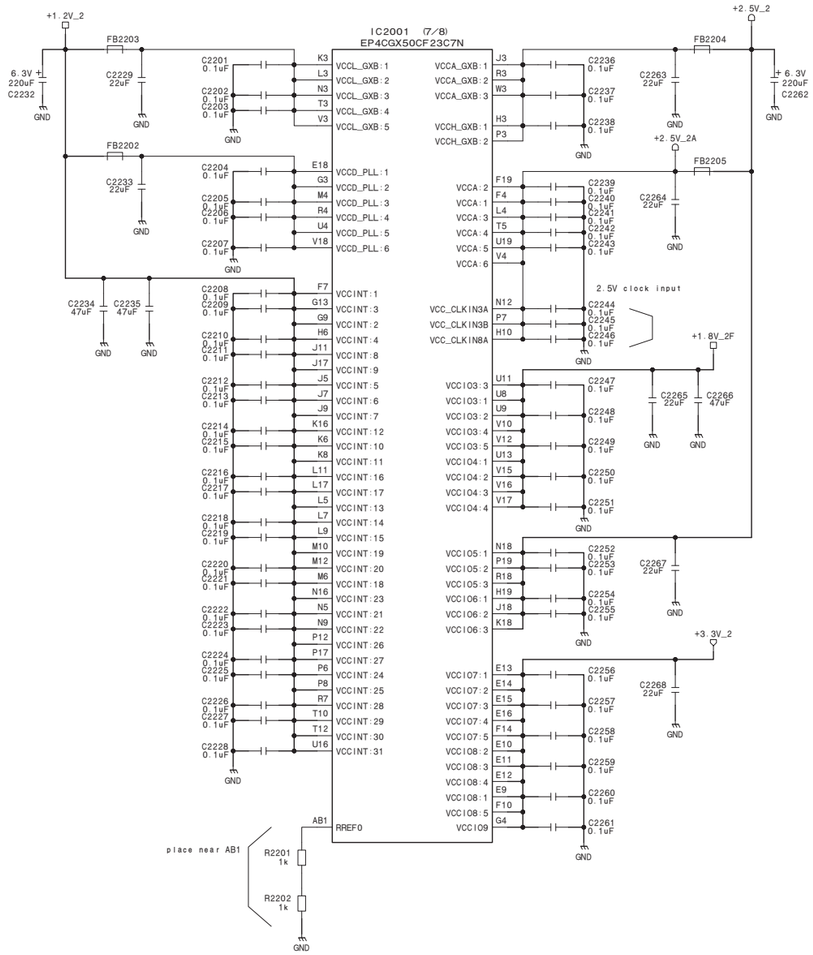



**CA-86 (21/23)**

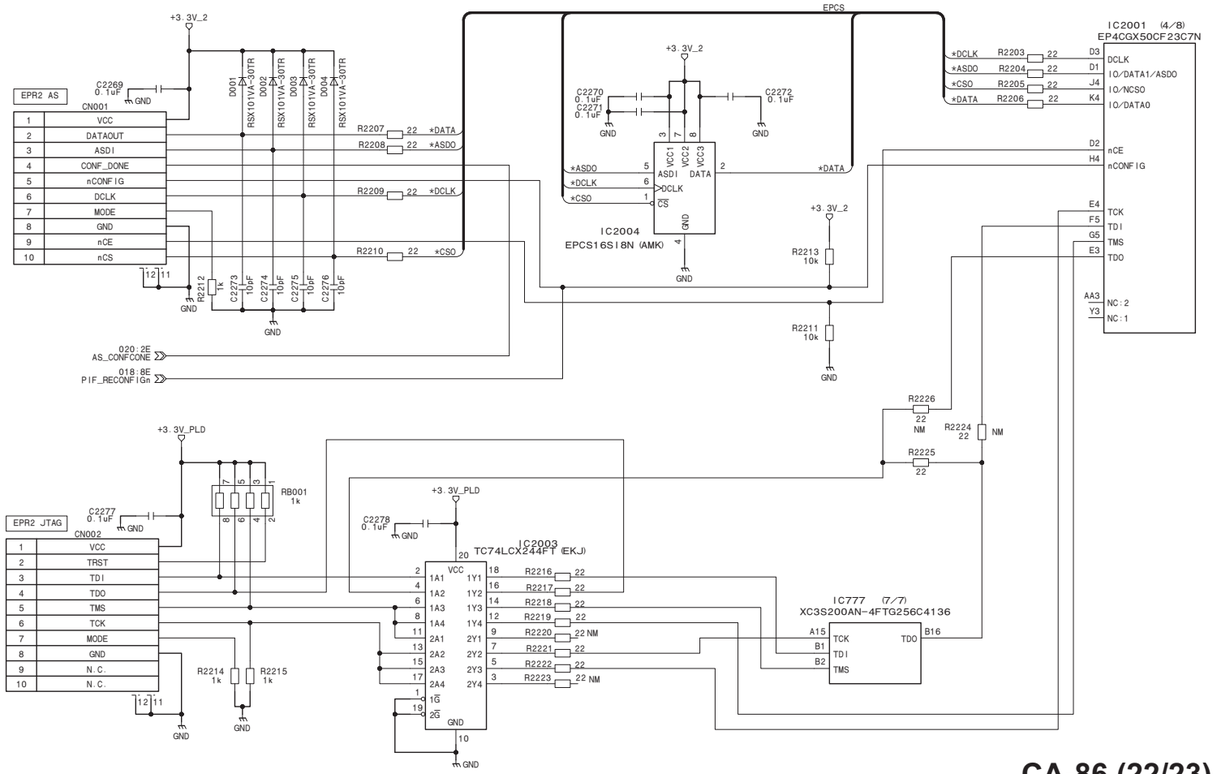
BOARD NO. 1-886-526-13, 23

CA-86_21

# POWER BLOCK




# CONFIG

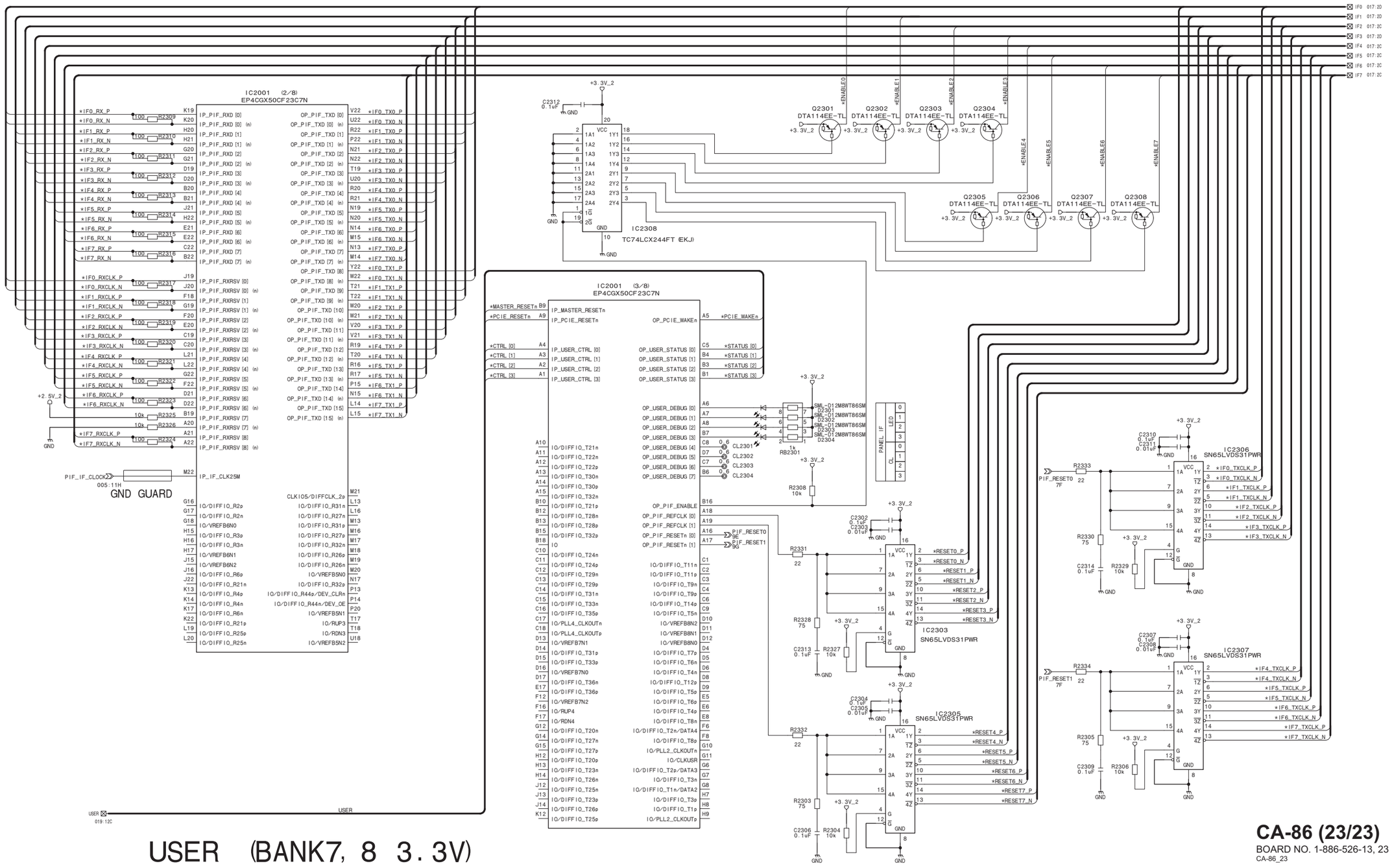



## CA-86 (22/23)

BOARD NO. 1-886-526-13, 23

CA-86_22

# PANEL I/F (BANK 5, 6 2.5V)




# USER (BANK7, 8 3.3V)

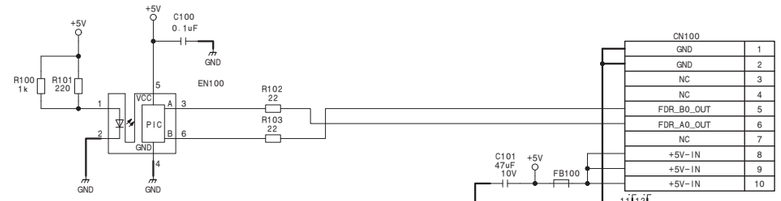
**CA-86 (23/23)**

BOARD NO. 1-886-526-13, 23

CA-86_23

## CN-3538

Fader ENCODER

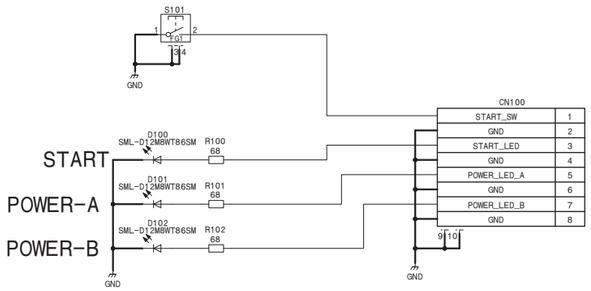



# CN-3538

BOARD NO. 1-886-538-12, 22

CN-3538_1

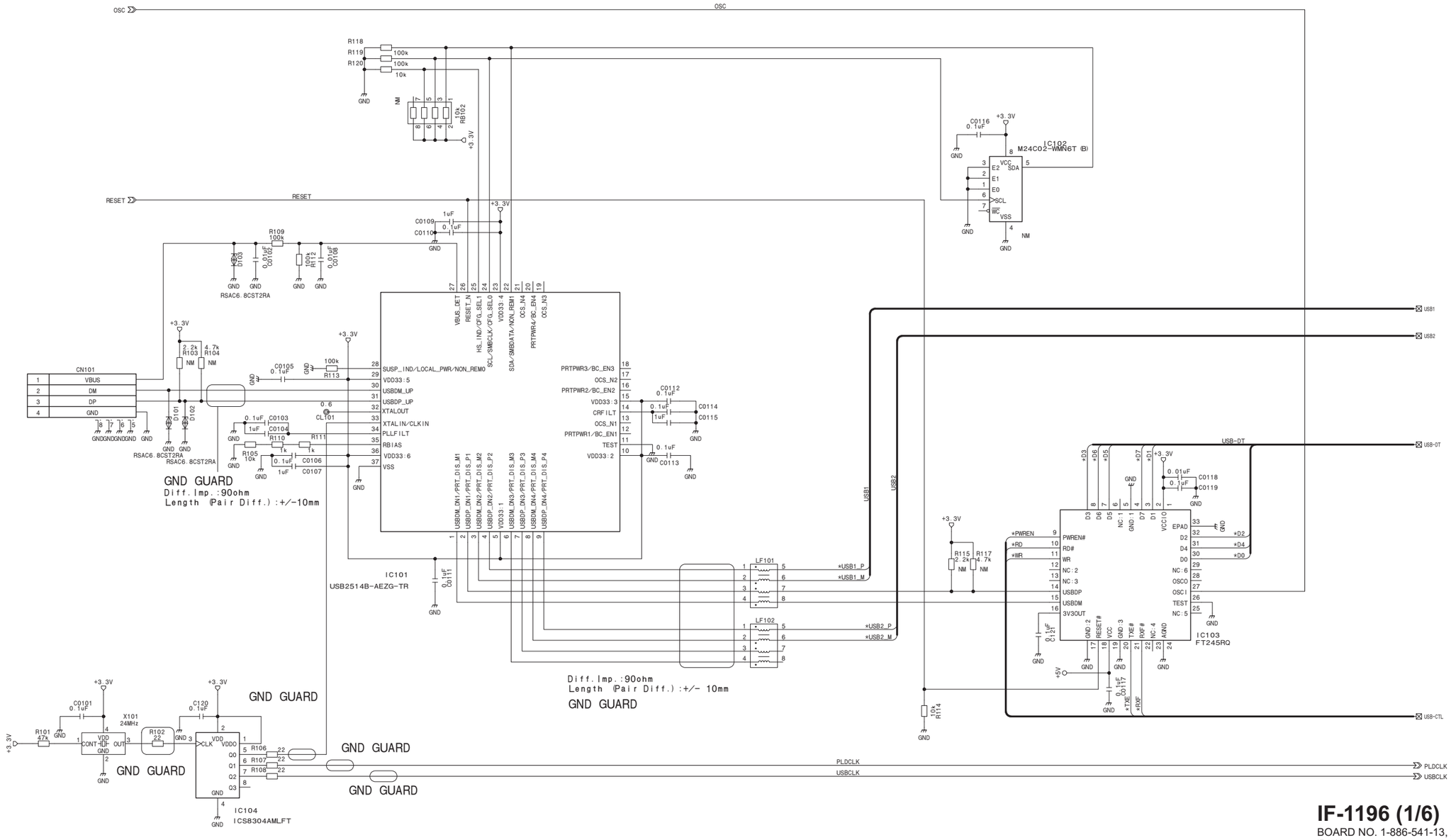
## CN-3539




# CN-3539

BOARD NO. 1-886-539-12, 22

CN-3539_1

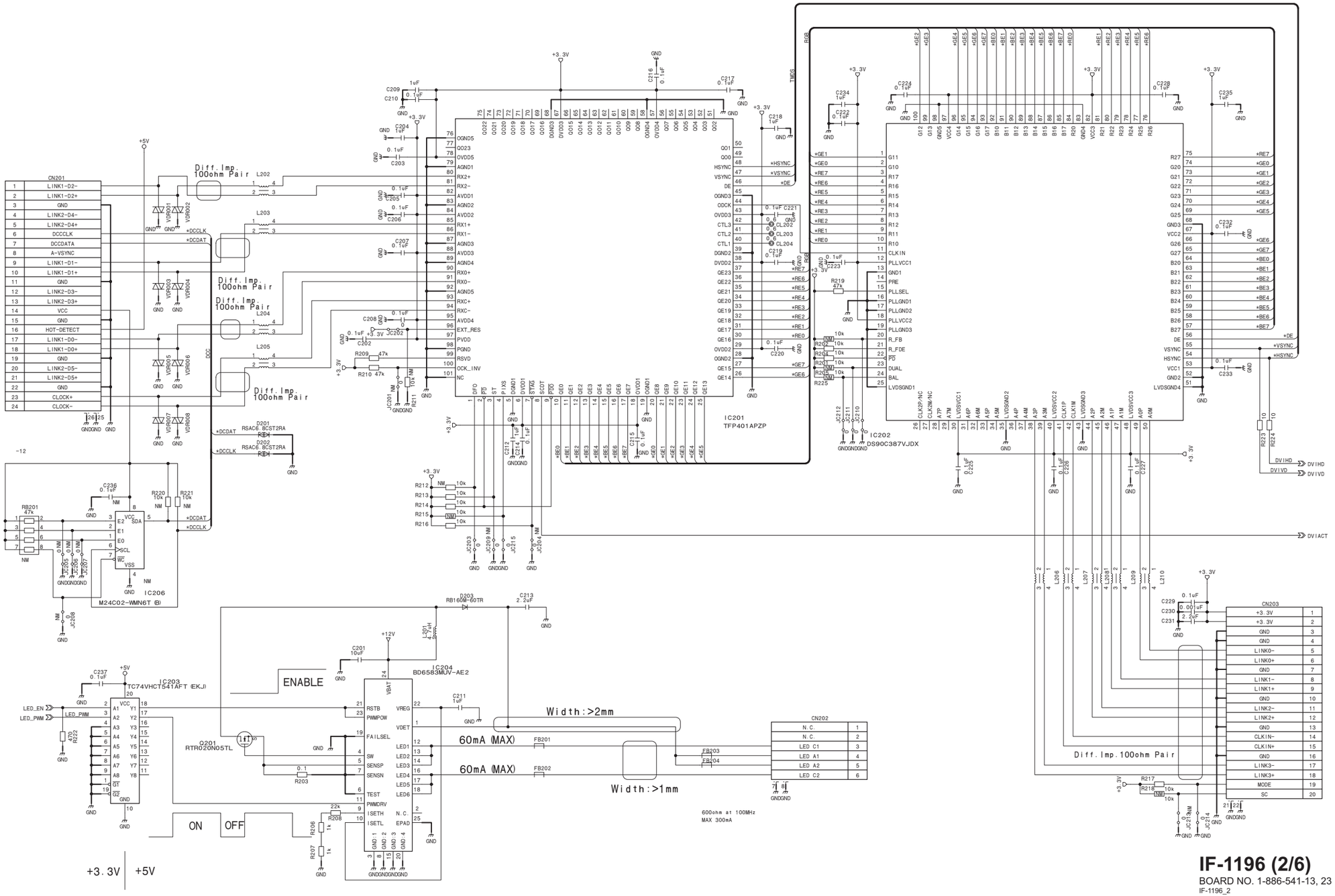



**IF-1196 (1/6)**

BOARD NO. 1-886-541-13, 23

IF-1196_1

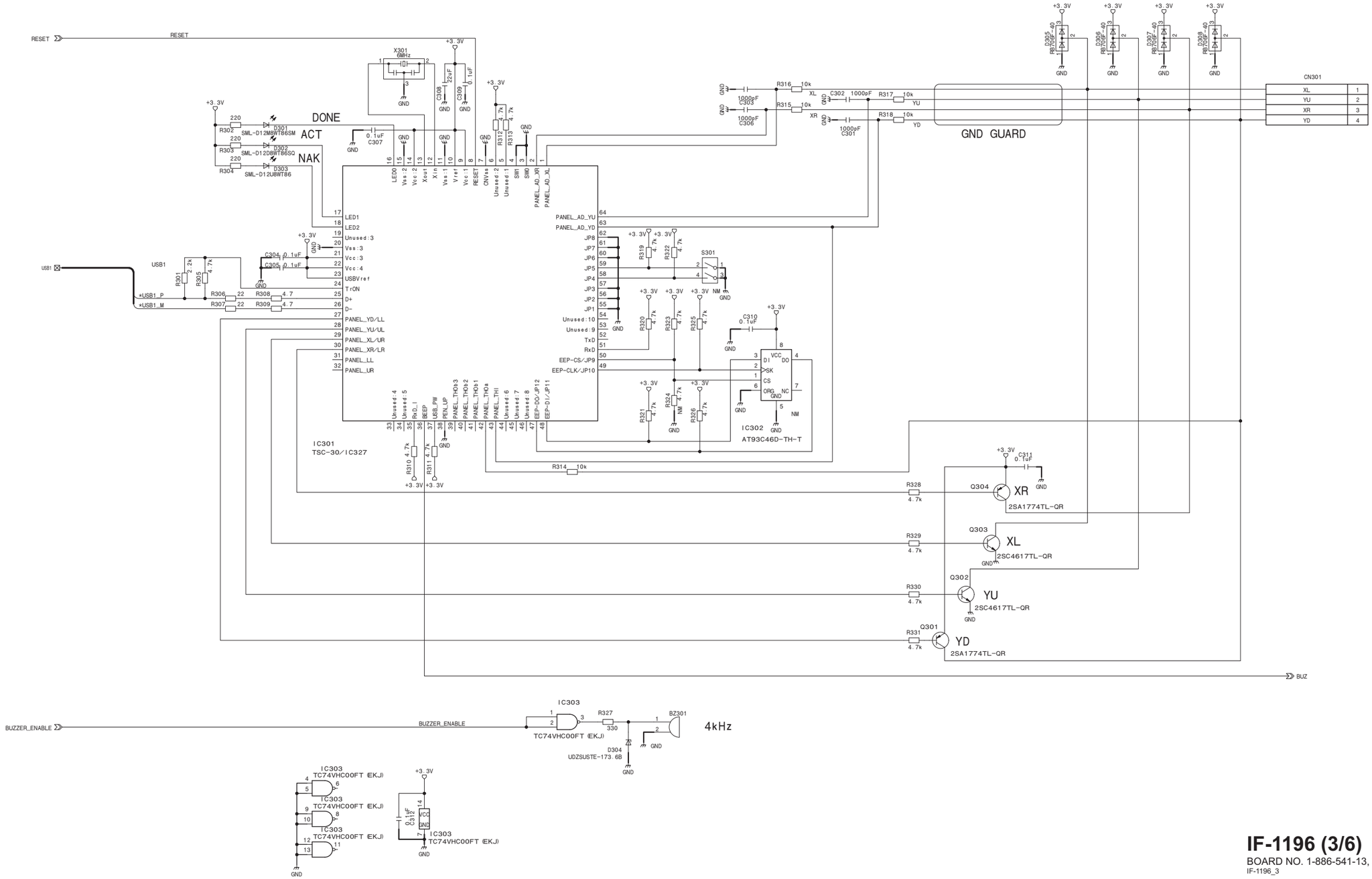
## IF-1196 (2/6)




## IF-1196 (2/6)

BOARD NO. 1-886-541-13, 23

IF-1196_2

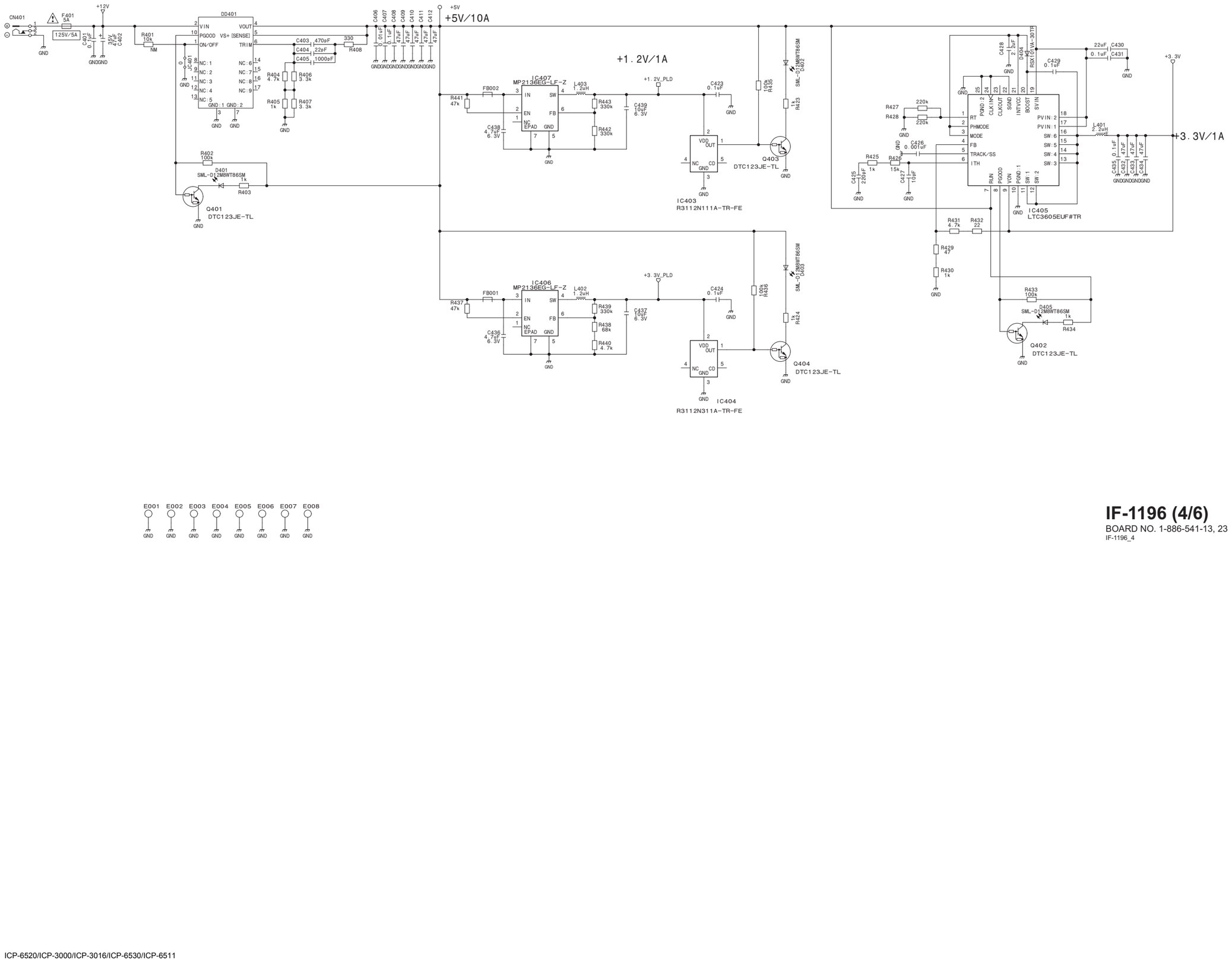



# IF-1196 (3/6)

BOARD NO. 1-886-541-13, 23

IF-1196_3

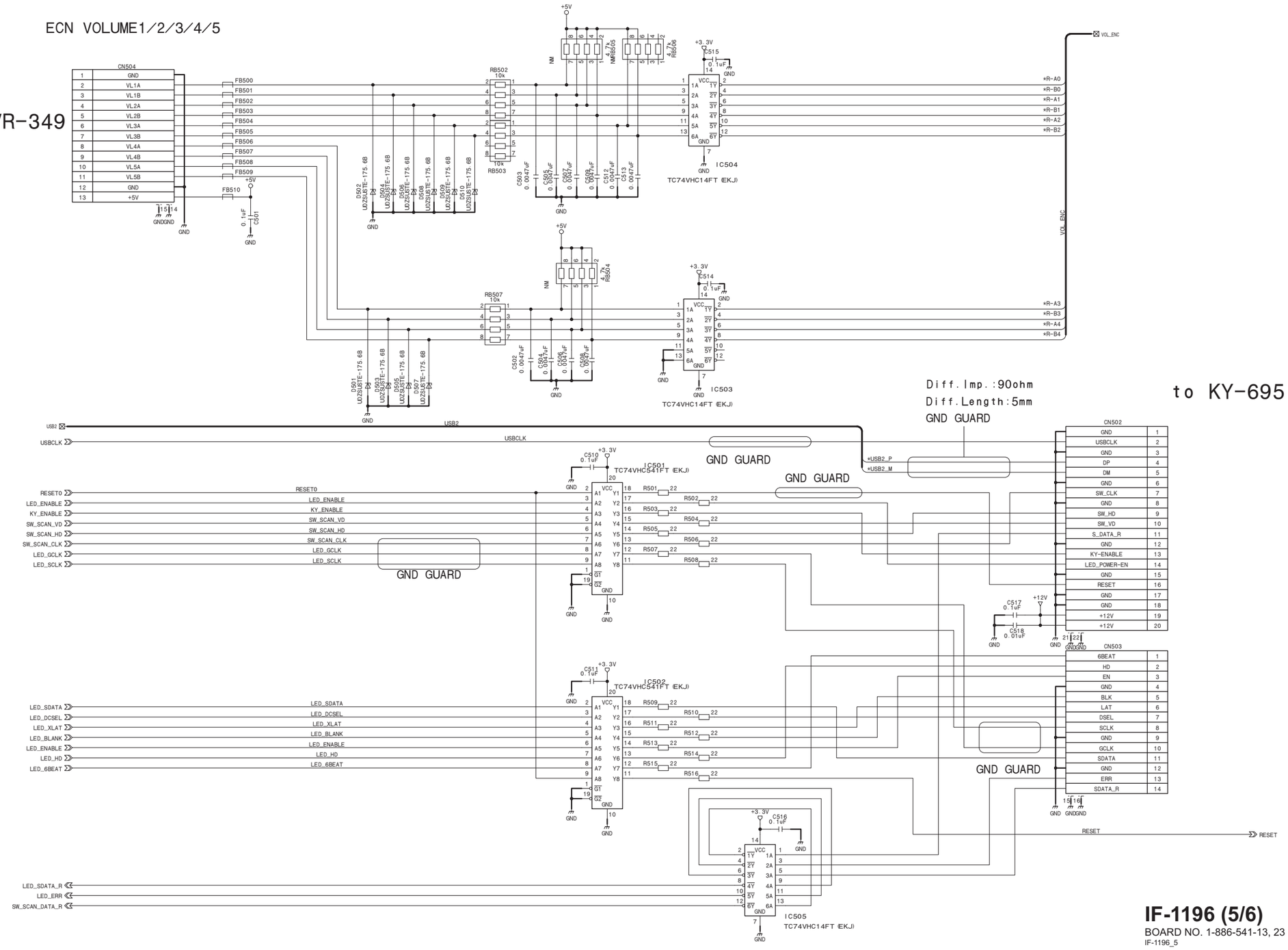
## IF-1196 (4/6)




# IF-1196 (4/6)

BOARD NO. 1-886-541-13, 23

IF-1196_4

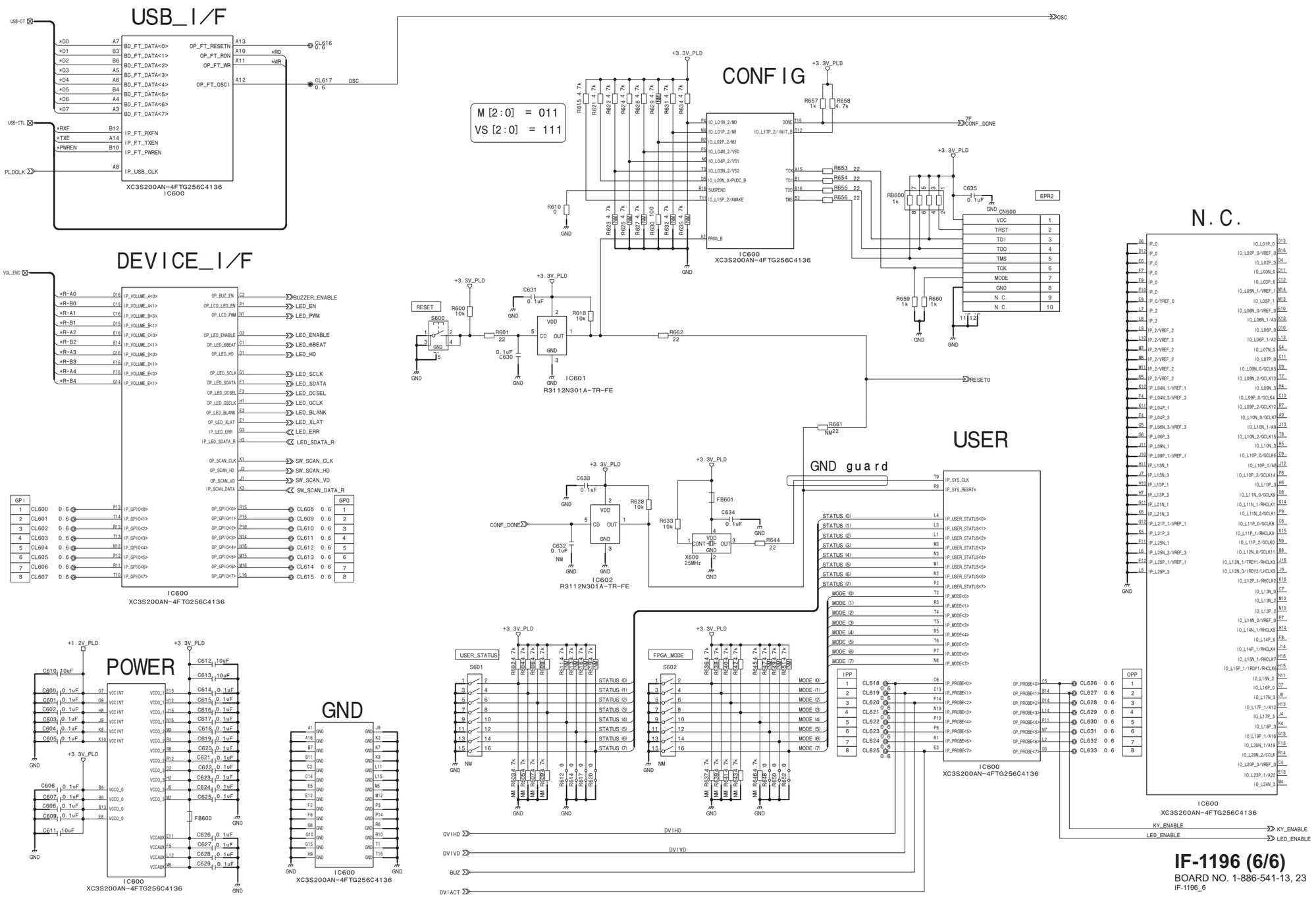



# IF-1196 (5/6)

BOARD NO. 1-886-541-13, 23

IF-1196_5

**IF-1196 (6/6)**

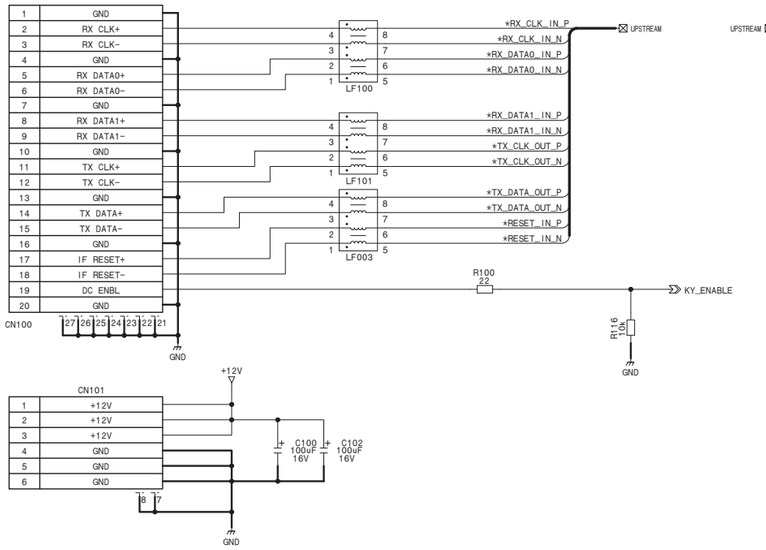


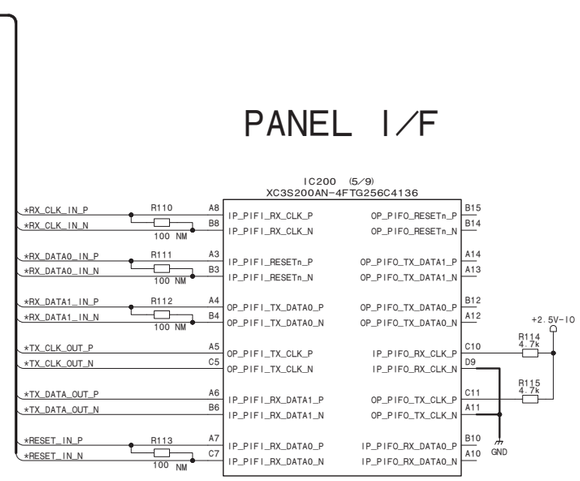

# IF-1196 (6/6)

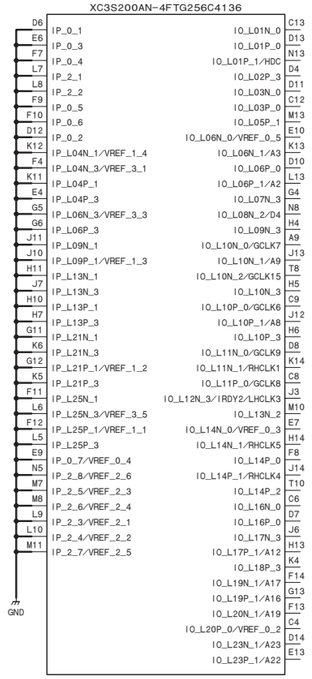
BOARD NO. 1-886-541-13, 23

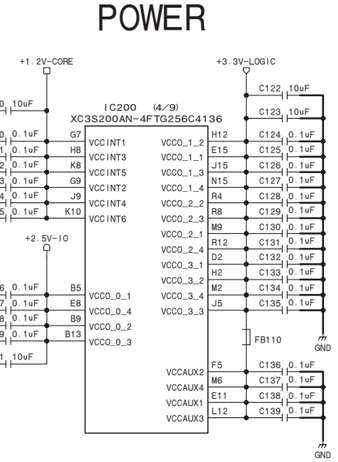
IF-1196_6

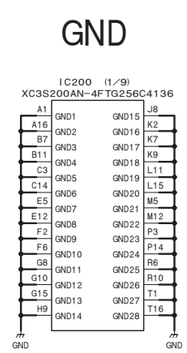
# KY-688
## KY-688 (1/9)

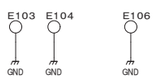


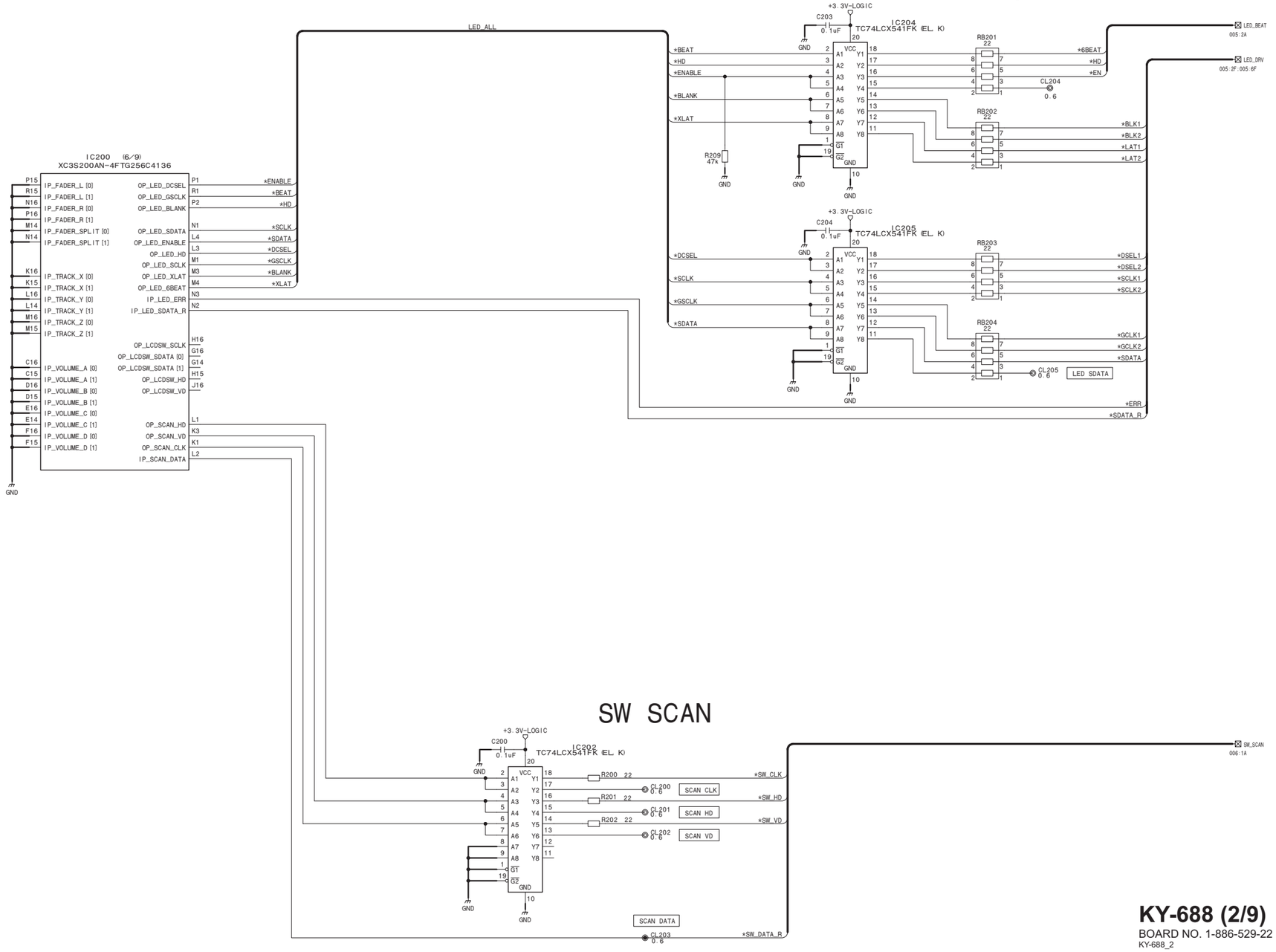




**KY-688 (1/9)**
BOARD NO. 1-886-529-22
KY-688_1

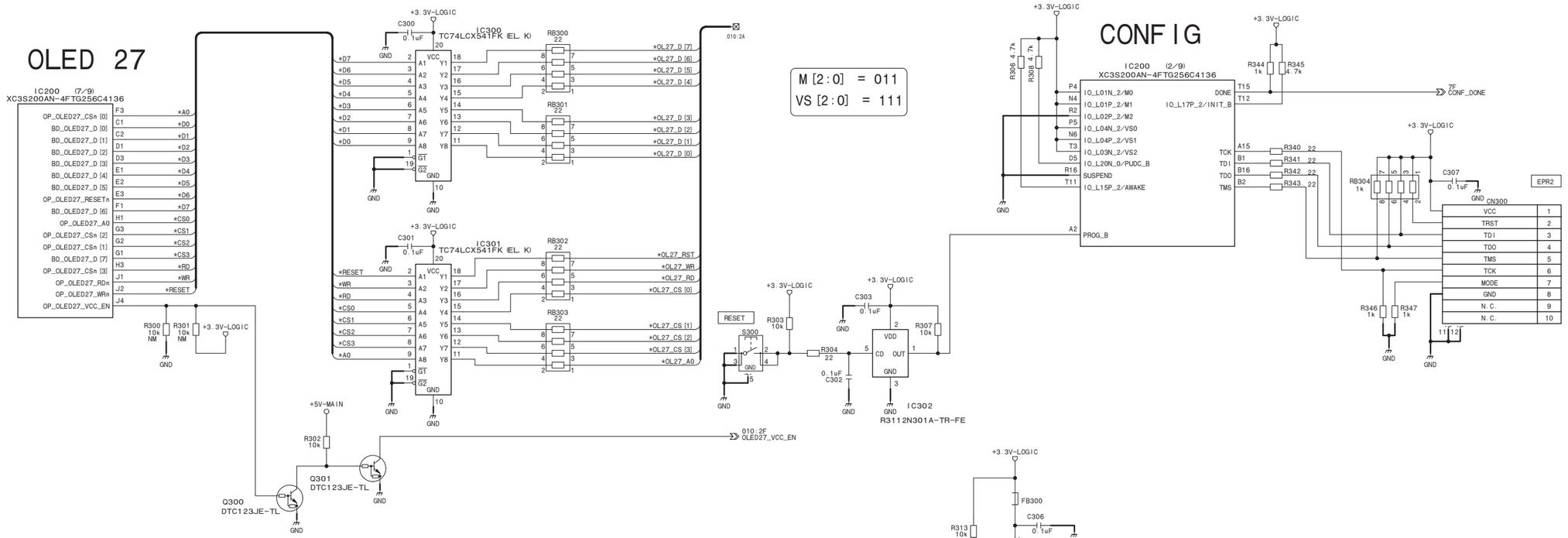


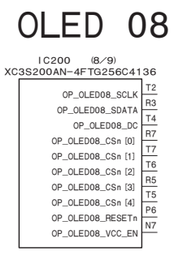

**KY-688 (2/9)**

BOARD NO. 1-886-529-22

KY-688_2

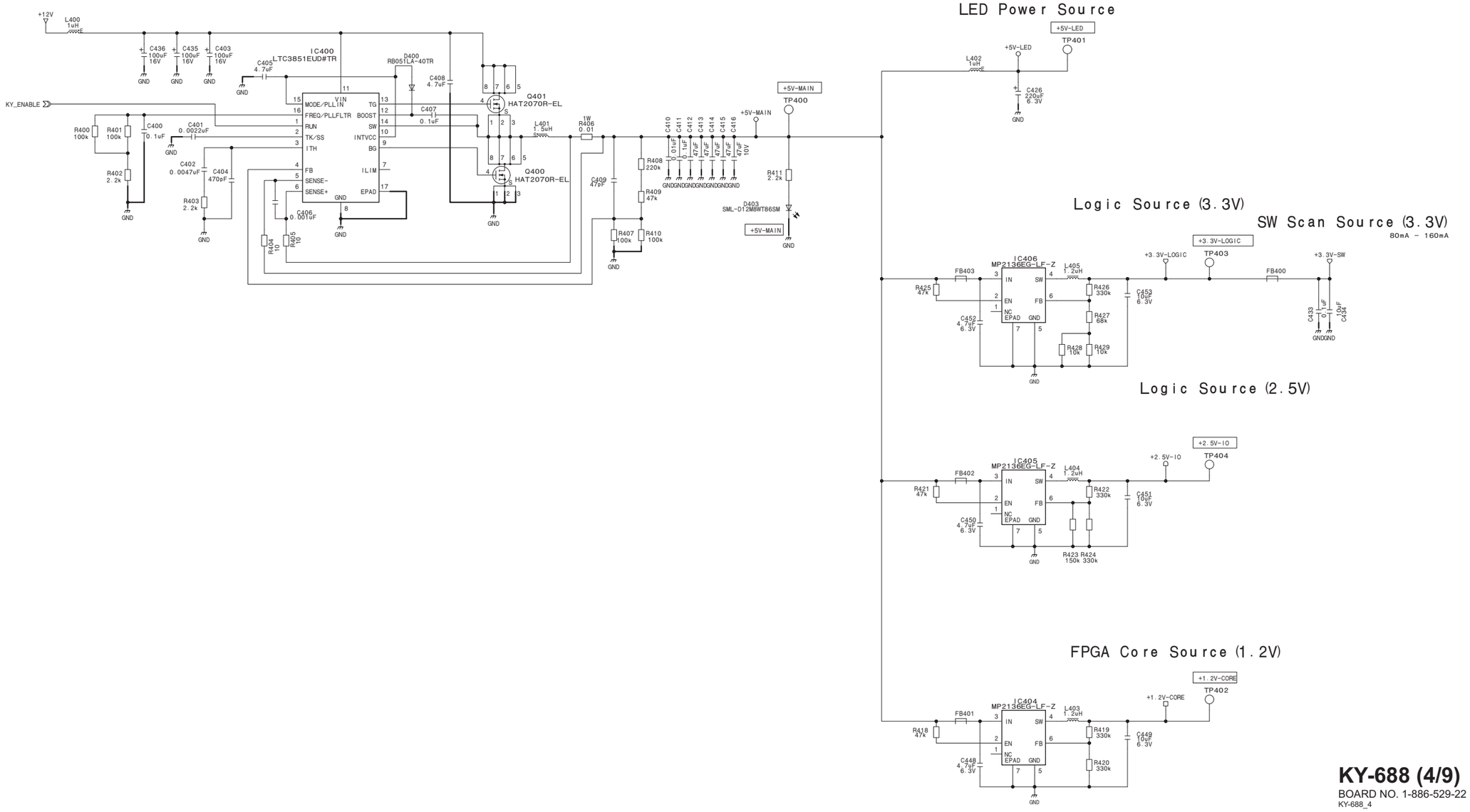
**KY-688 (3/9)**



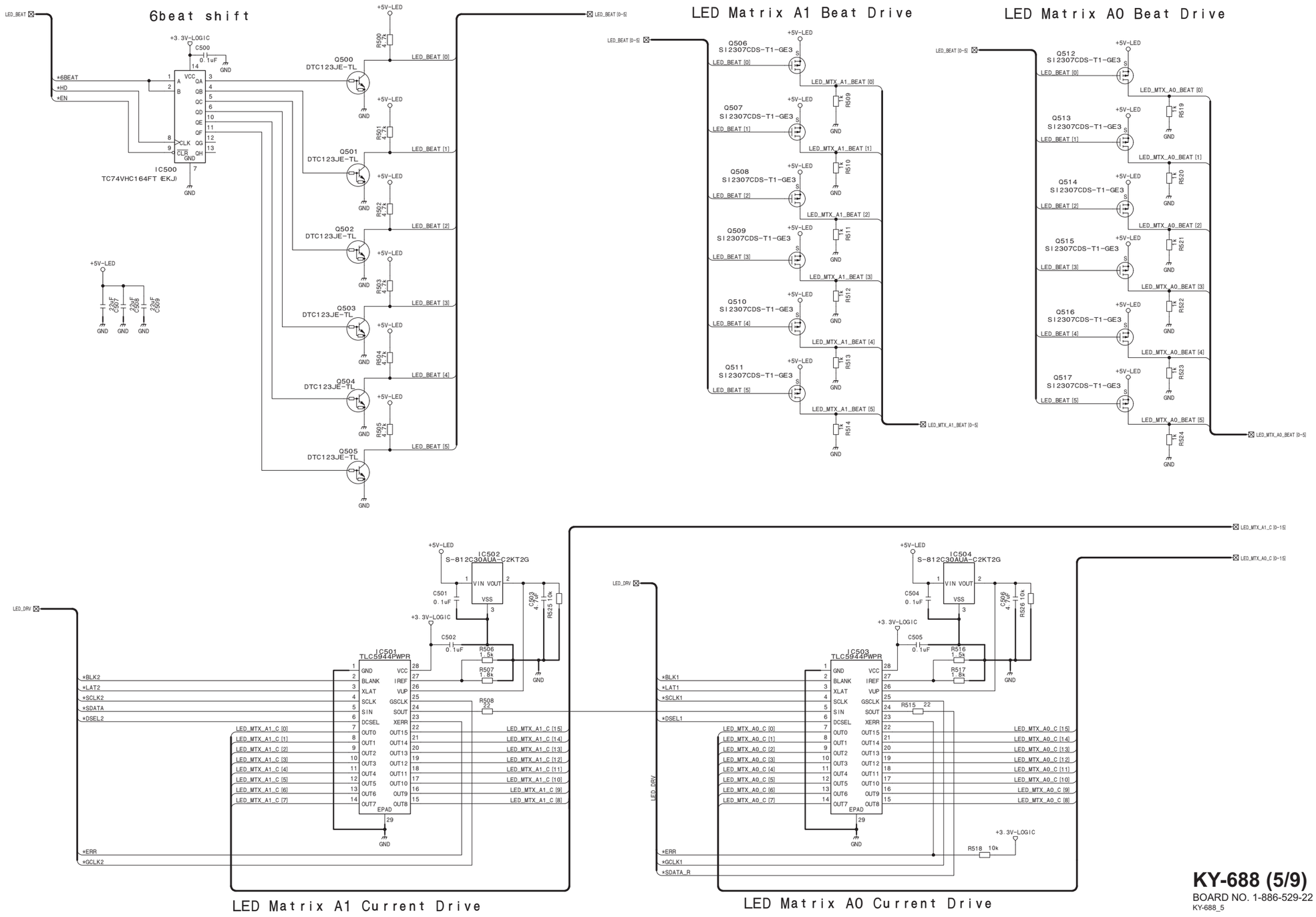

**KY-688 (3/9)**
BOARD NO. 1-886-529-22
KY-688_3

## KY-688 (4/9)




**KY-688 (4/9)**
BOARD NO. 1-886-529-22
KY-688_4

**KY-688 (5/9)**

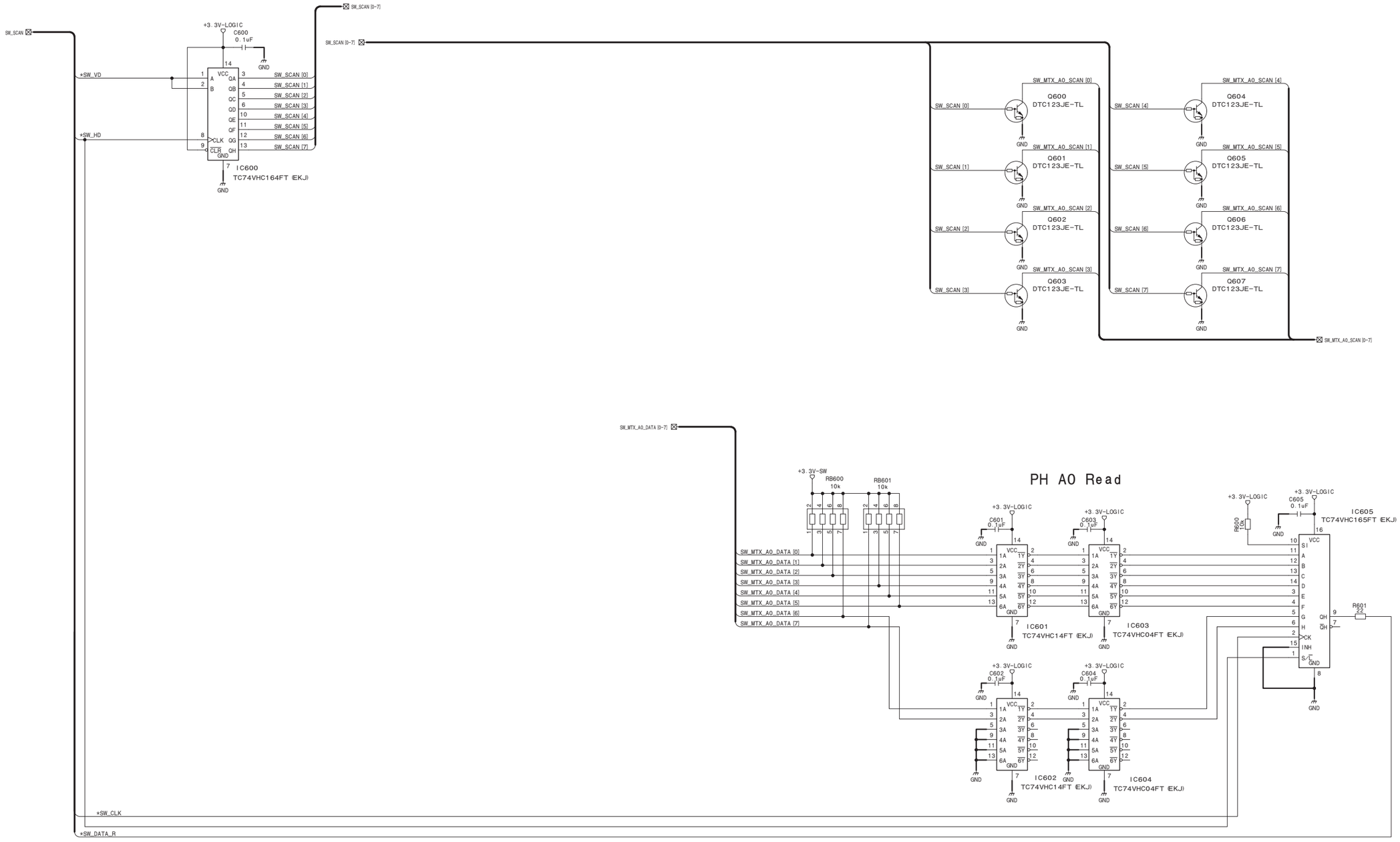



**KY-688 (5/9)**

BOARD NO. 1-886-529-22

KY-688_5

# KY-688 (6/9)

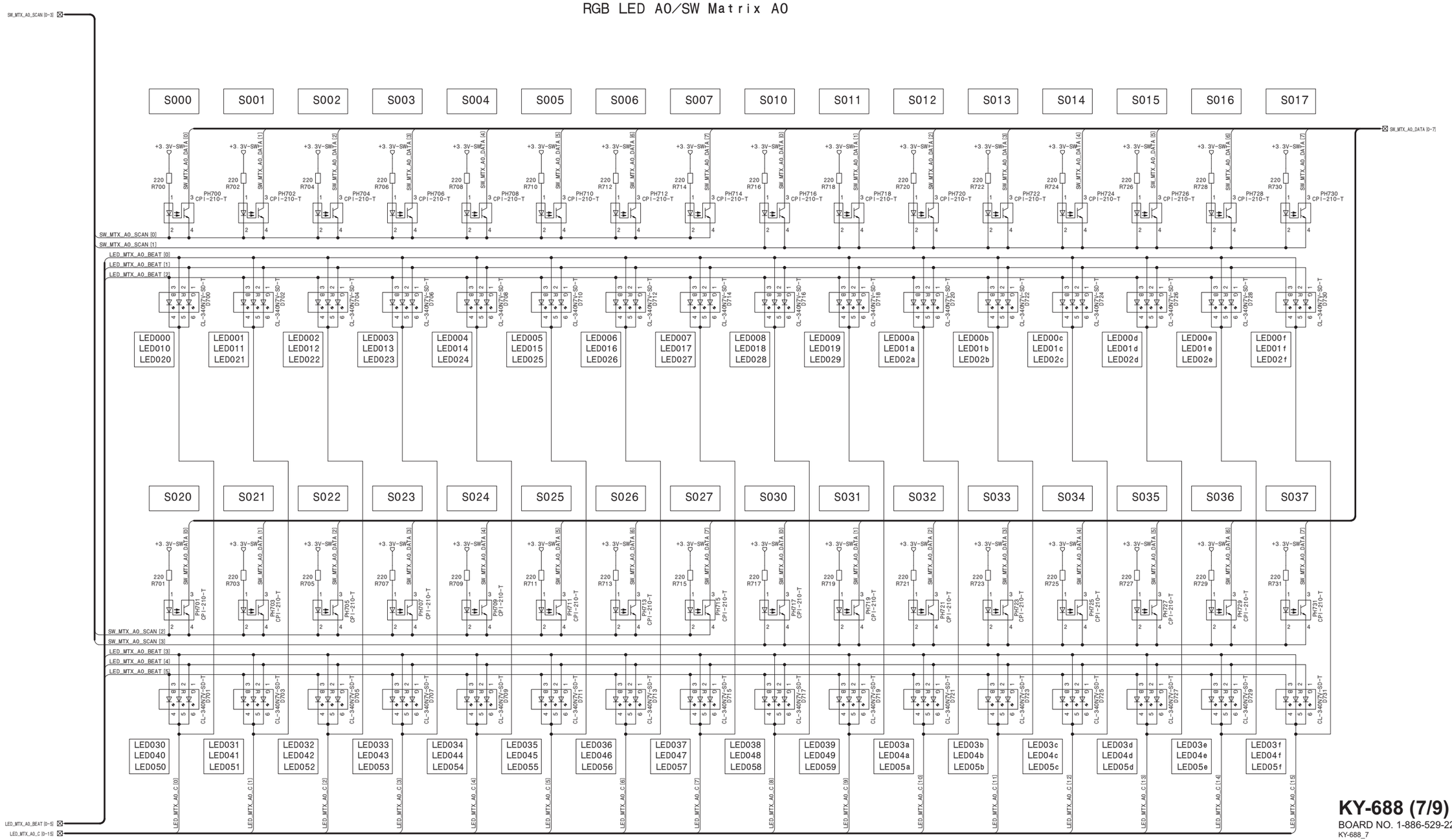



**KY-688 (6/9)**

BOARD NO. 1-886-529-22

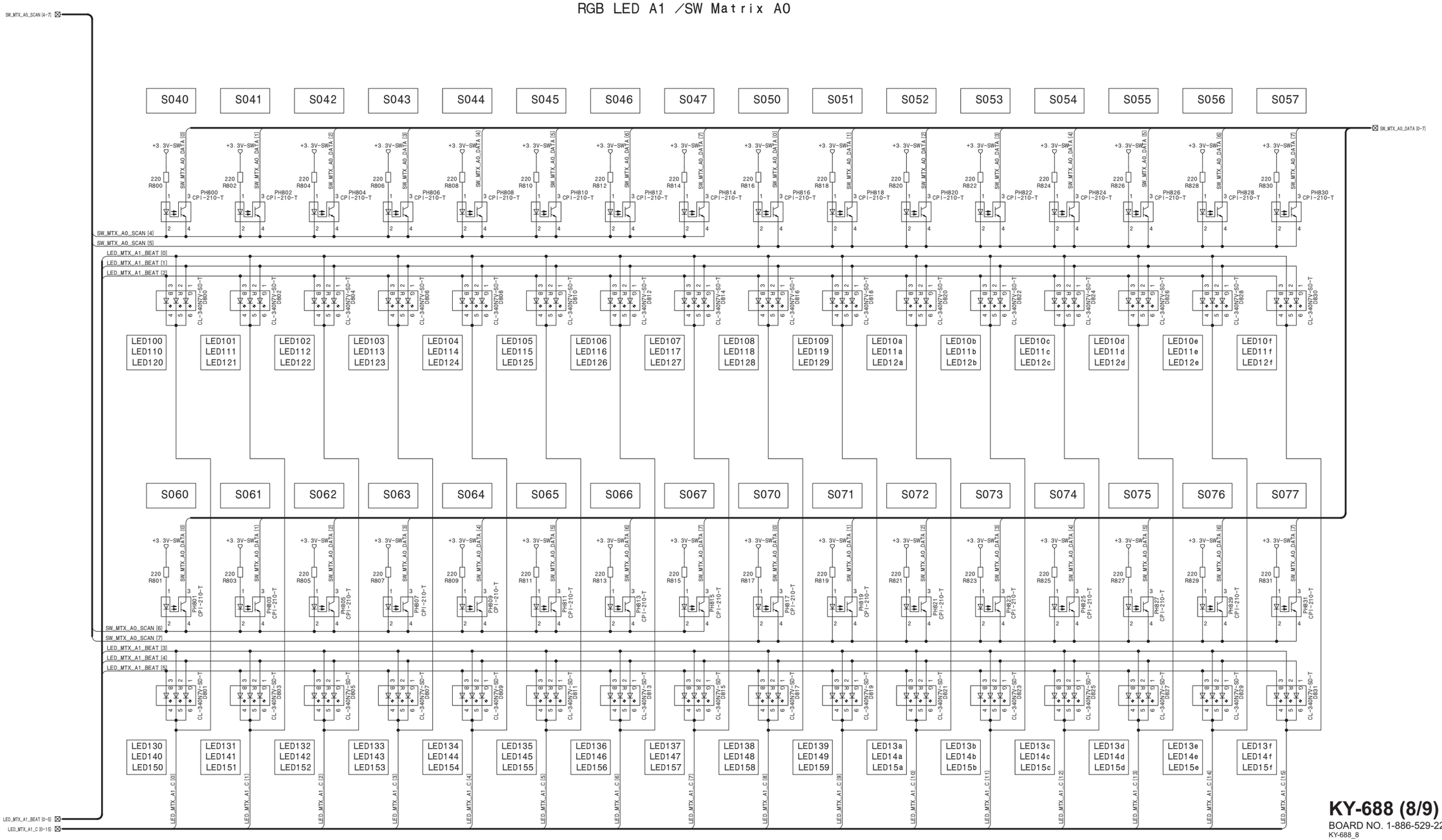
KY-688_6

## RGB LED AO/SW Matrix AO



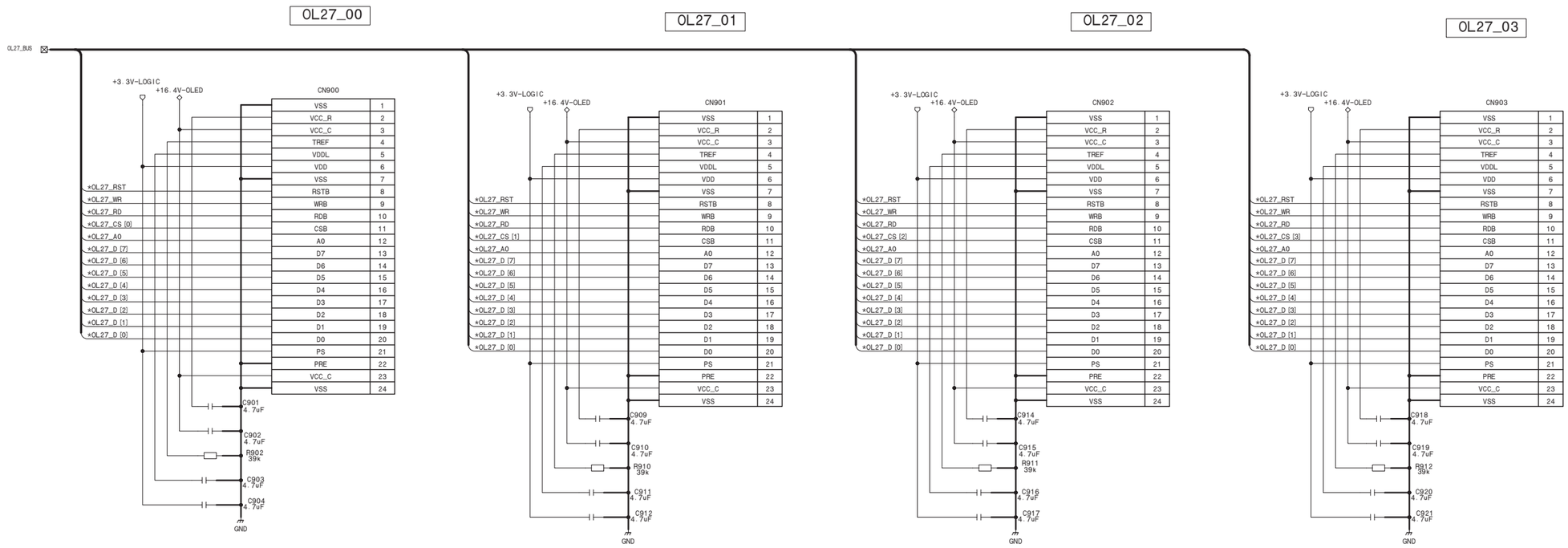

**KY-688 (7/9)**
BOARD NO. 1-886-529-22
KY-688_7

## RGB LED A1 ／SW Matrix A0




**KY-688 (8/9)**
BOARD NO. 1-886-529-22
KY-688_8

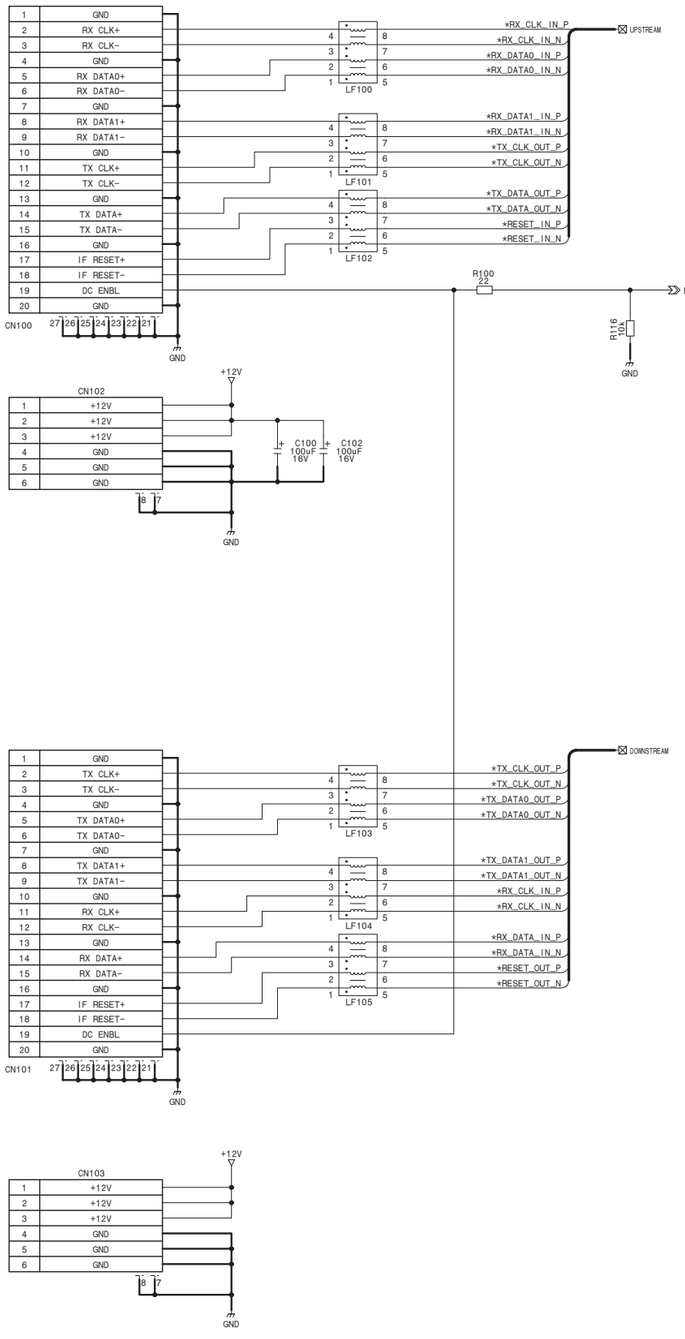
# KY-688 (9/9)



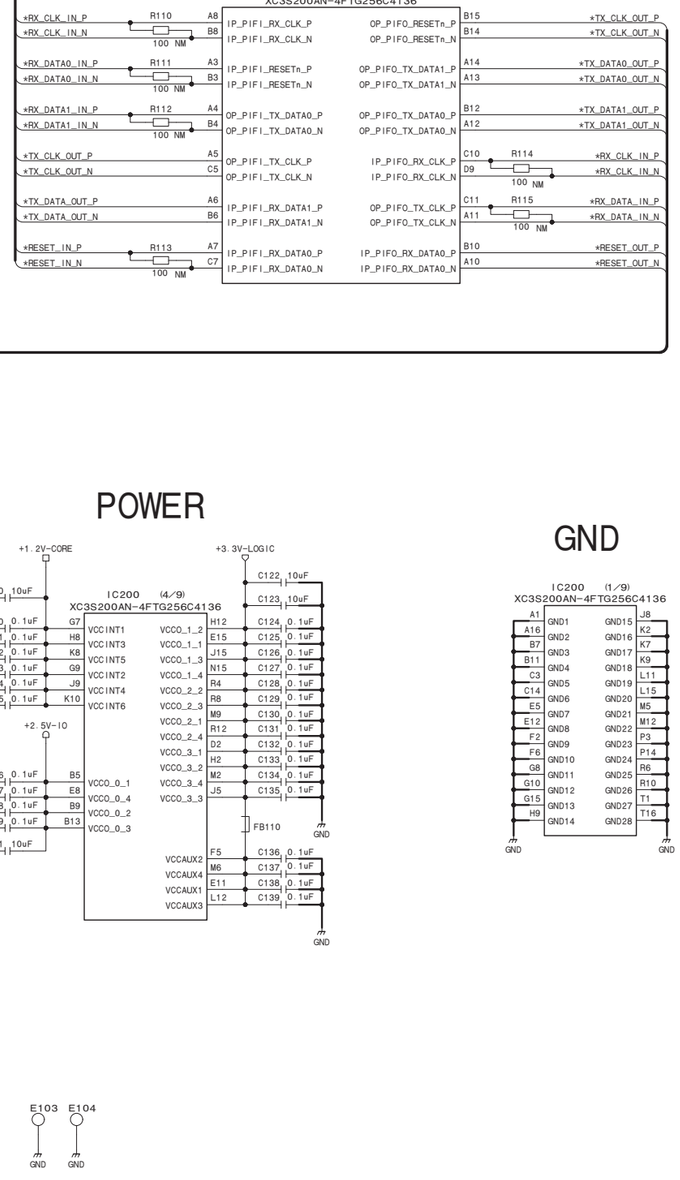

## KY-688 (9/9)

BOARD NO. 1-886-529-22

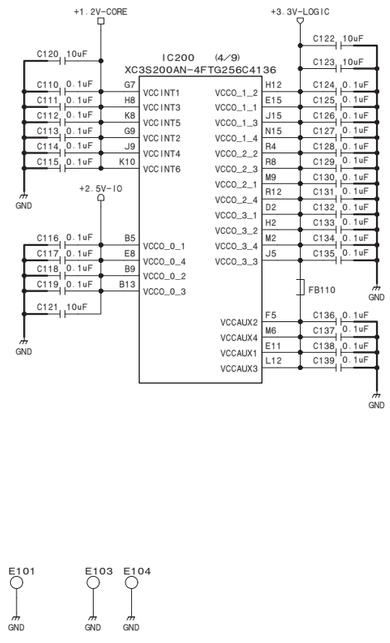
KY-688_9




## PANEL I/F



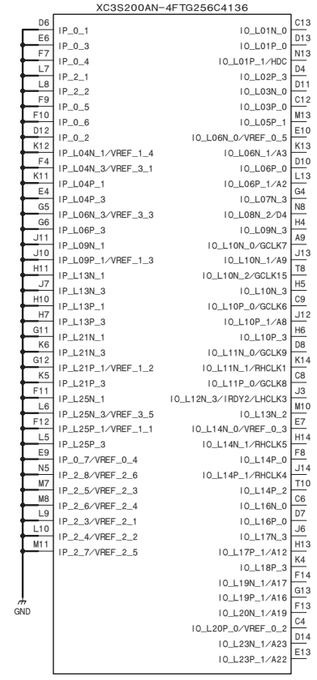

## POWER







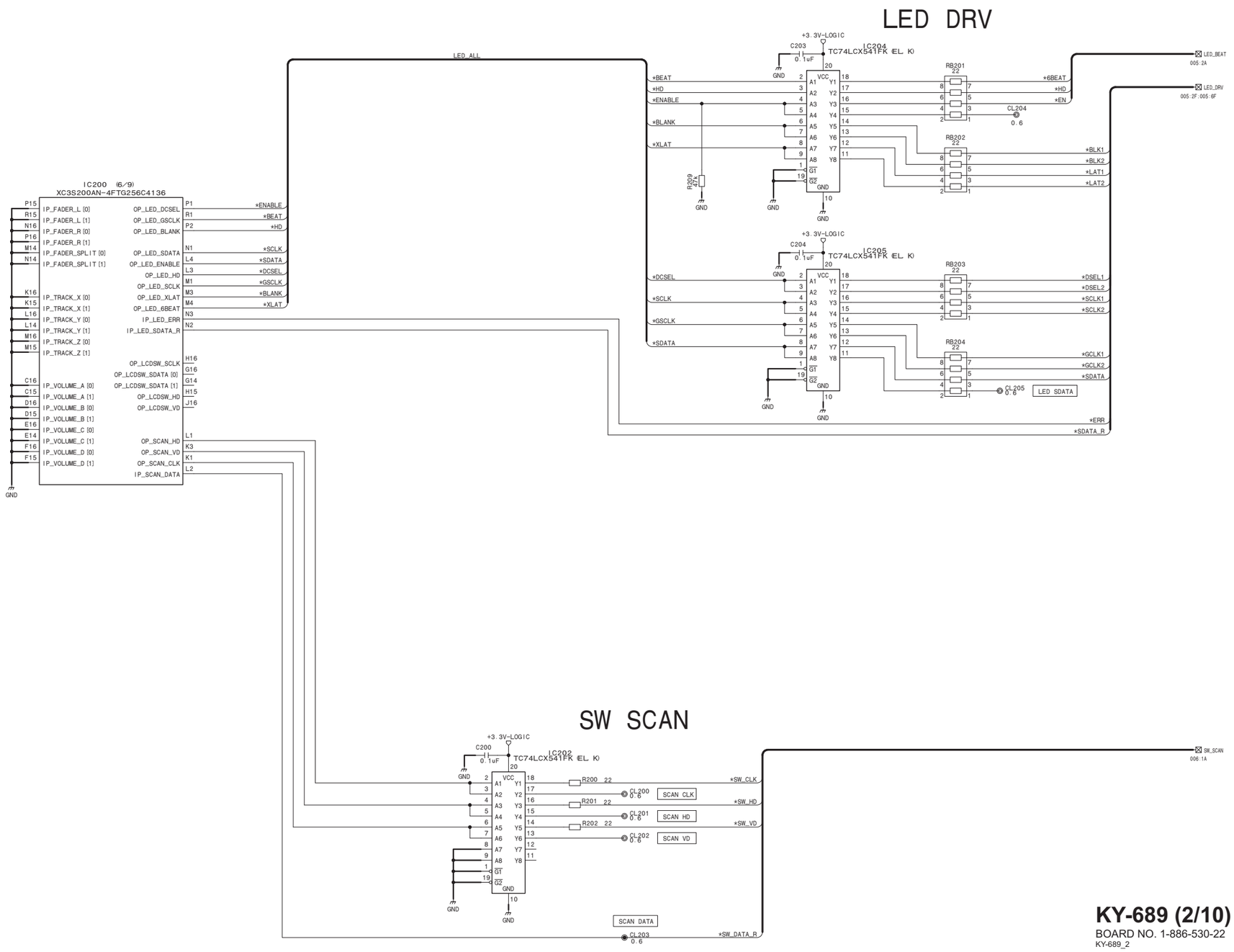
## N.C.




## GND



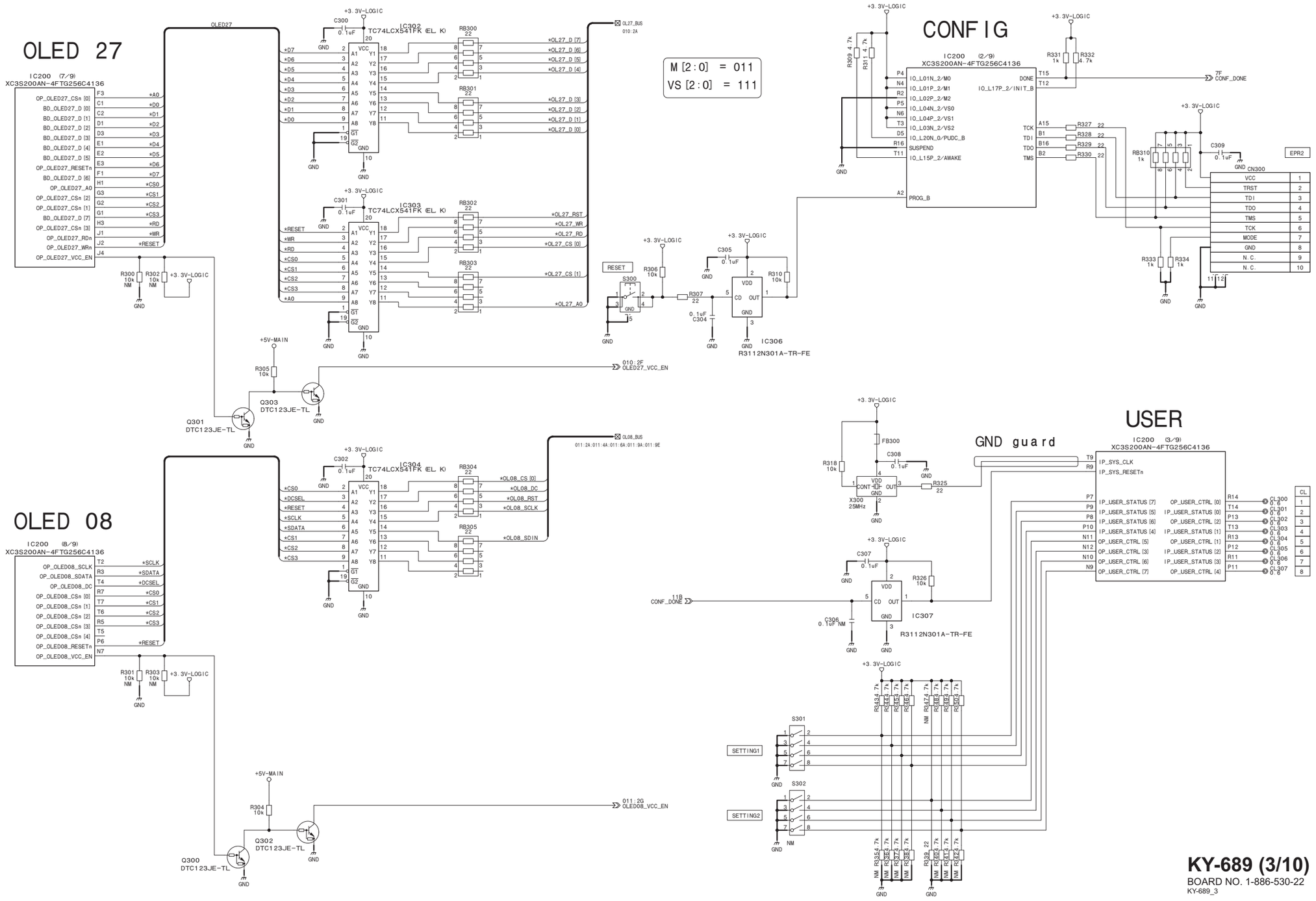

**KY-689 (1/10)**
BOARD NO. 1-886-530-22
KY-689_1




**KY-689 (2/10)**

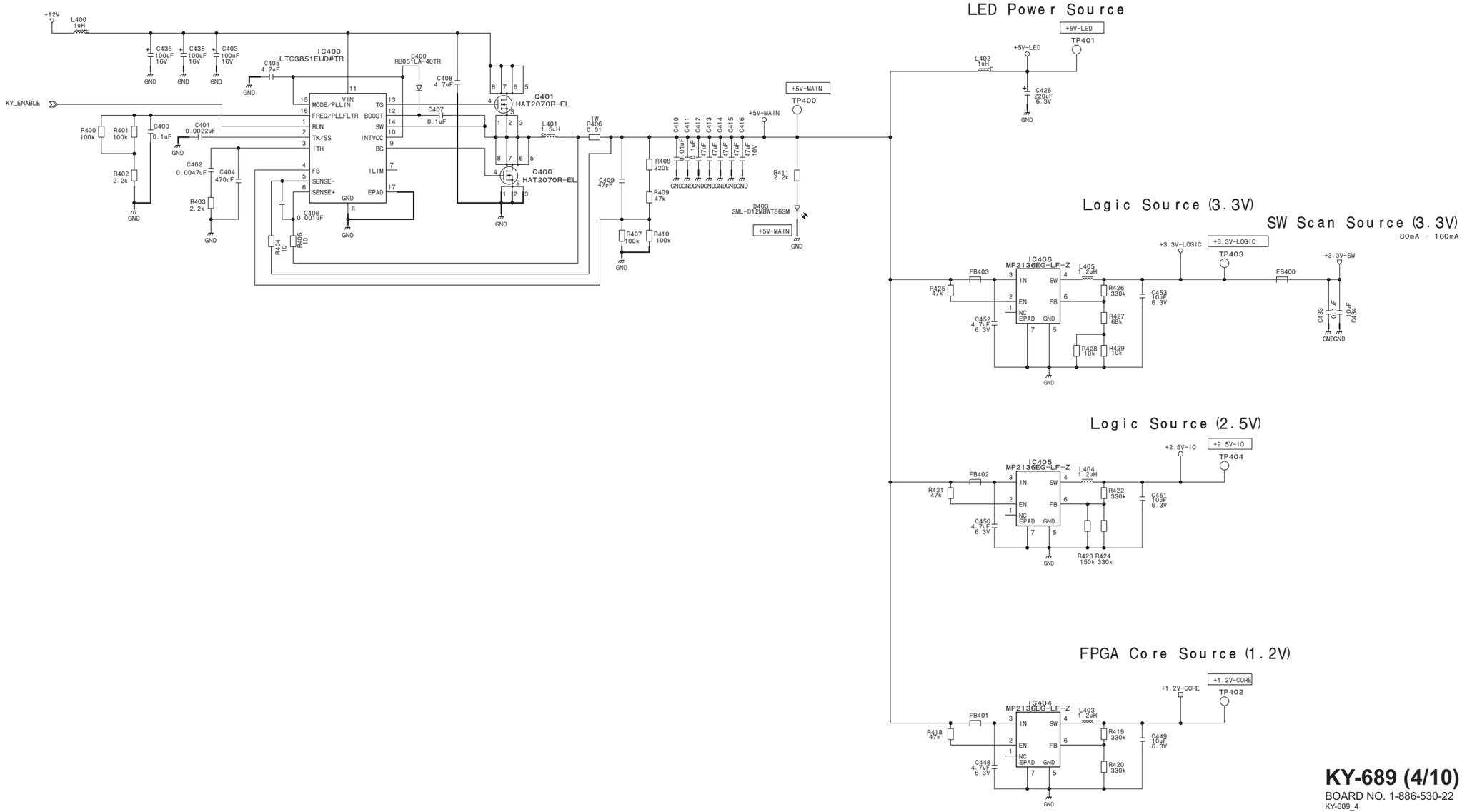
BOARD NO. 1-886-530-22

KY-689_2




**KY-689 (3/10)**
BOARD NO. 1-886-530-22
KY-689_3

**KY-689 (4/10)**

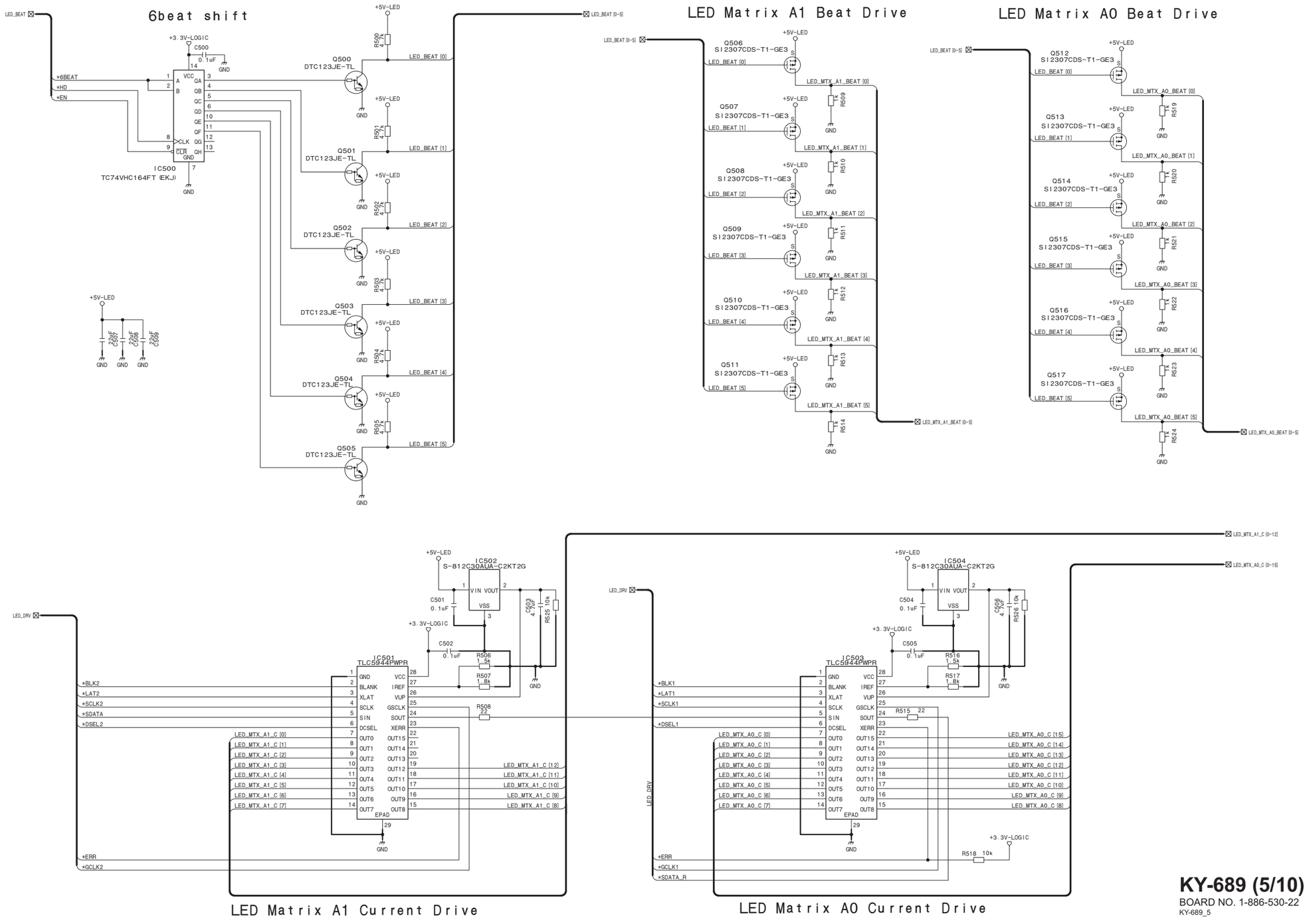



**KY-689 (4/10)**

BOARD NO. 1-886-530-22

KY-689_4

**KY-689 (5/10)**

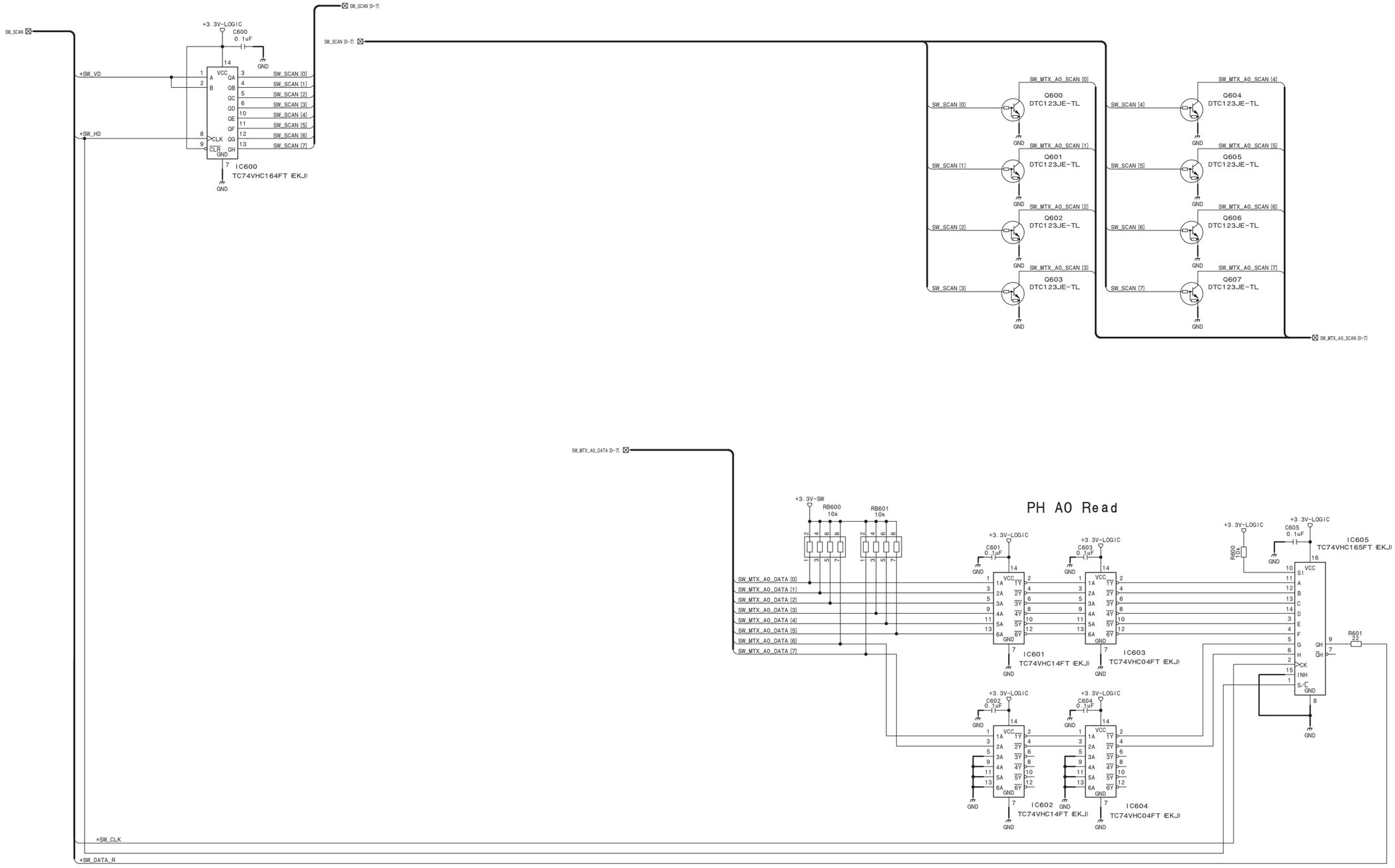



**KY-689 (5/10)**

BOARD NO. 1-886-530-22

KY-689_5

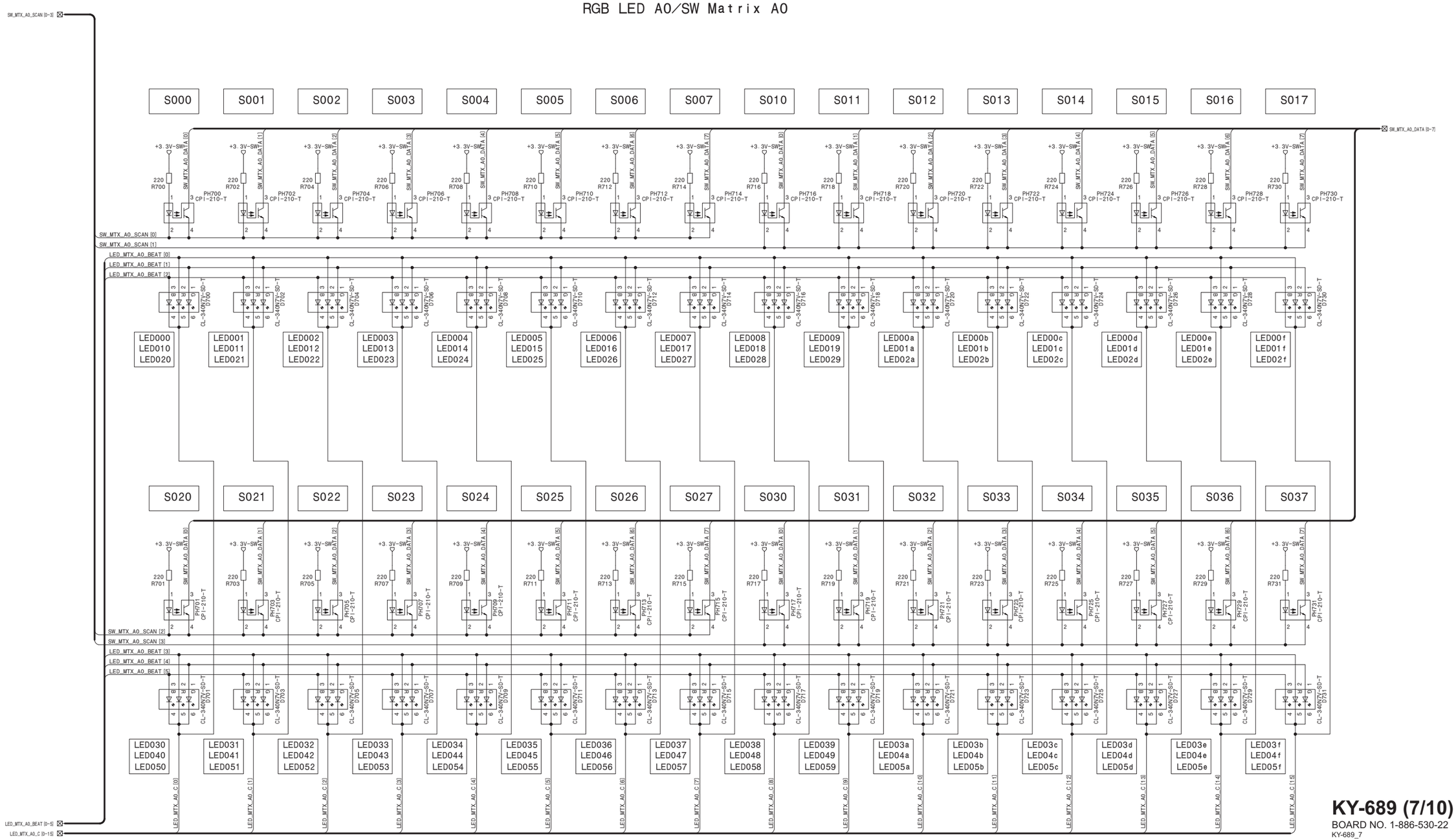
## KY-689 (6/10)




# KY-689 (6/10)

BOARD NO. 1-886-530-22

KY-689_6

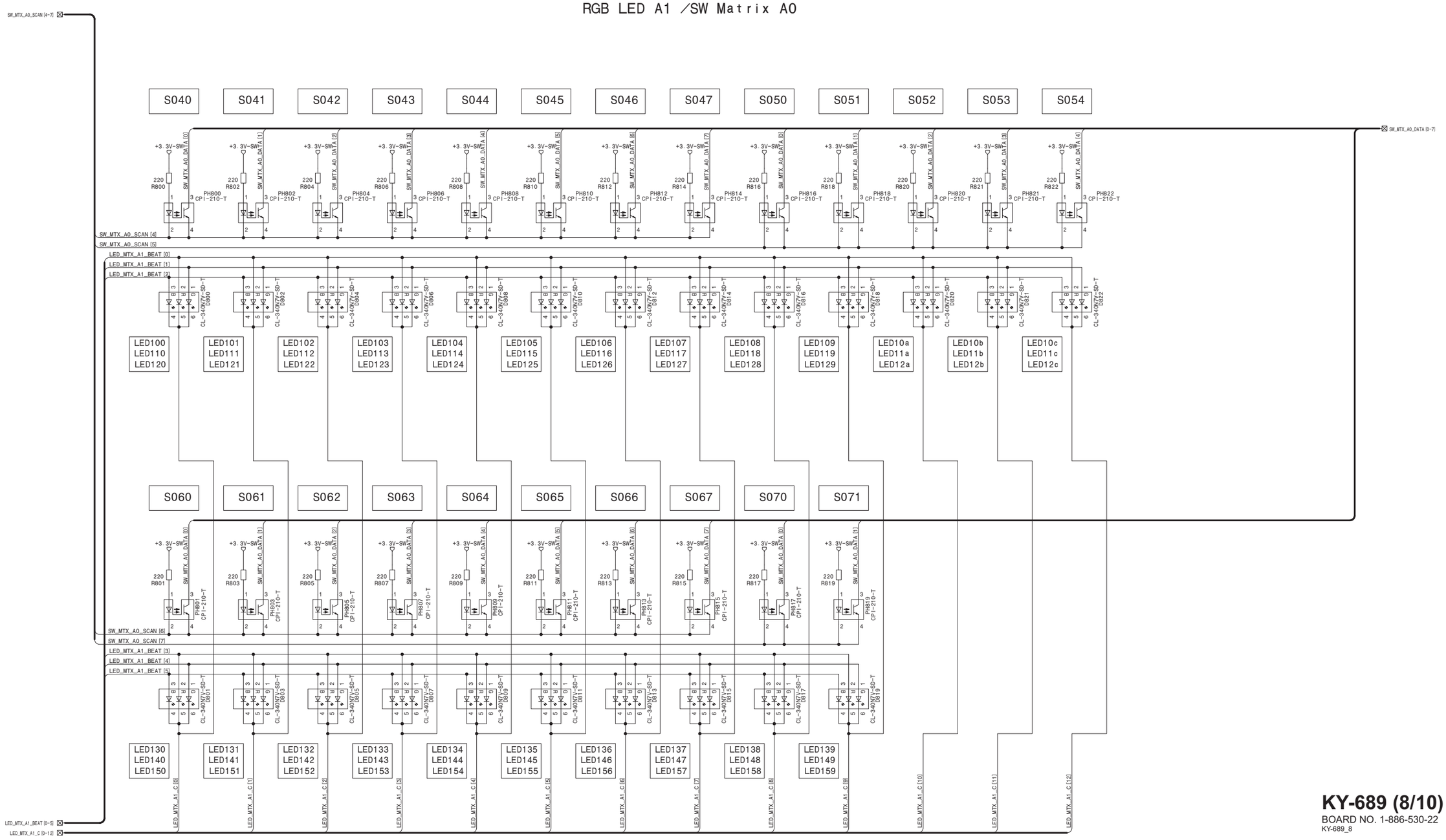



# KY-689 (7/10)

BOARD NO. 1-886-530-22

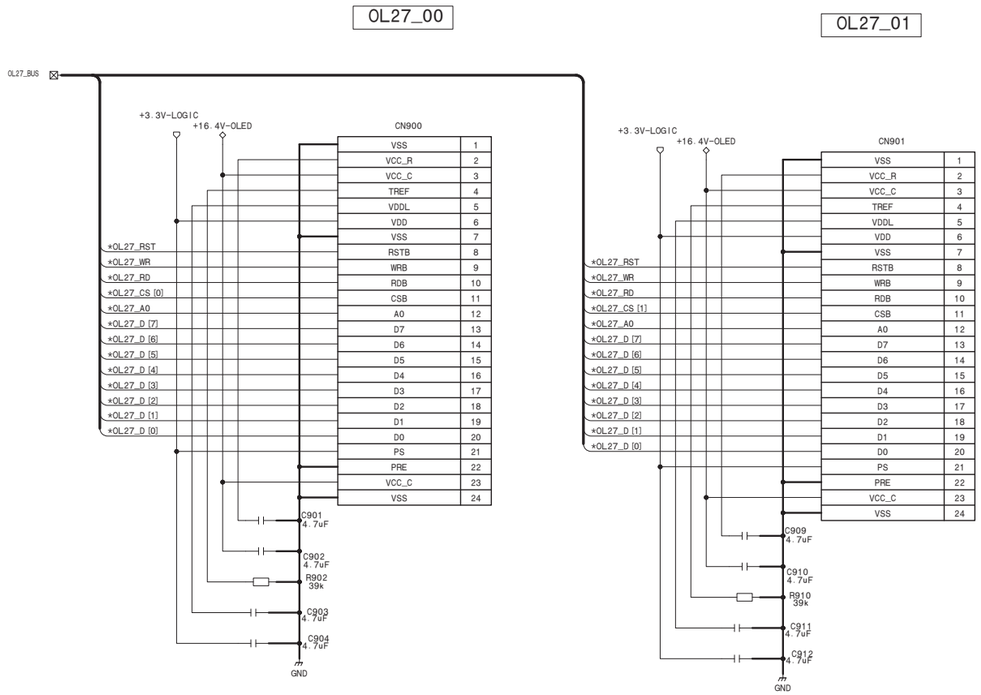
KY-689_7

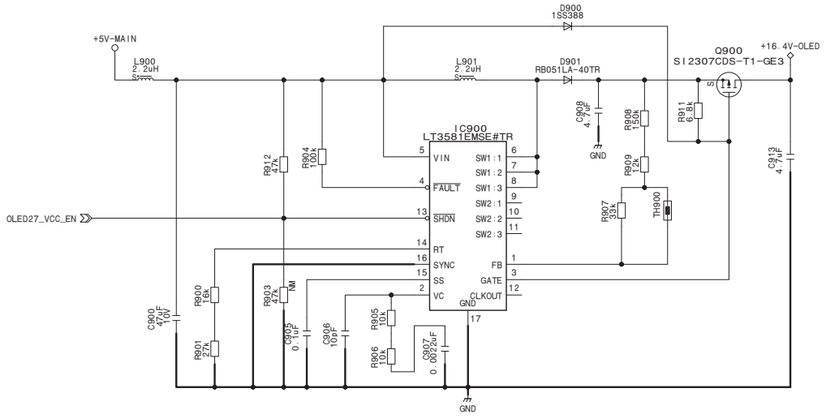
RGB LED A1 ／SW Matrix A0




**KY-689 (8/10)**
BOARD NO. 1-886-530-22
KY-689_8

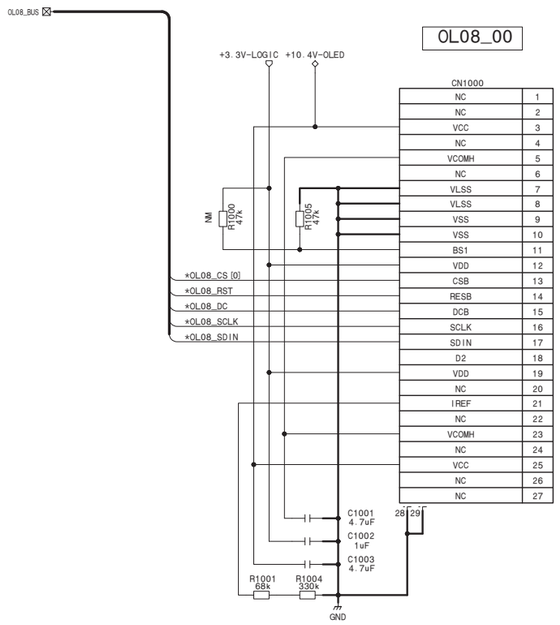
## KY-689 (9/10)

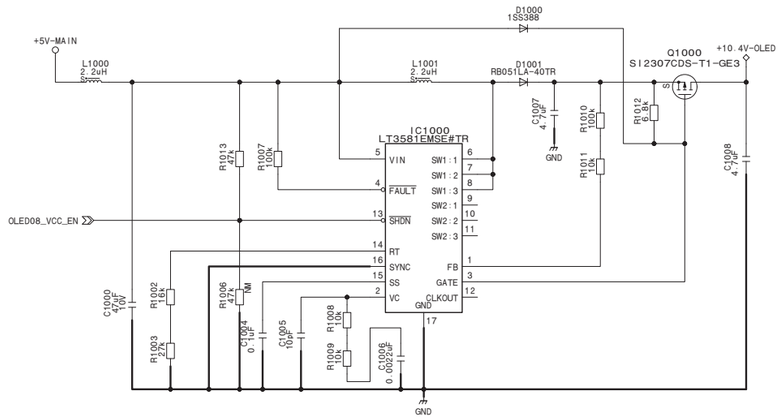



**KY-689 (9/10)**
BOARD NO. 1-886-530-22
KY-689_9

# KY-689 (10/10)

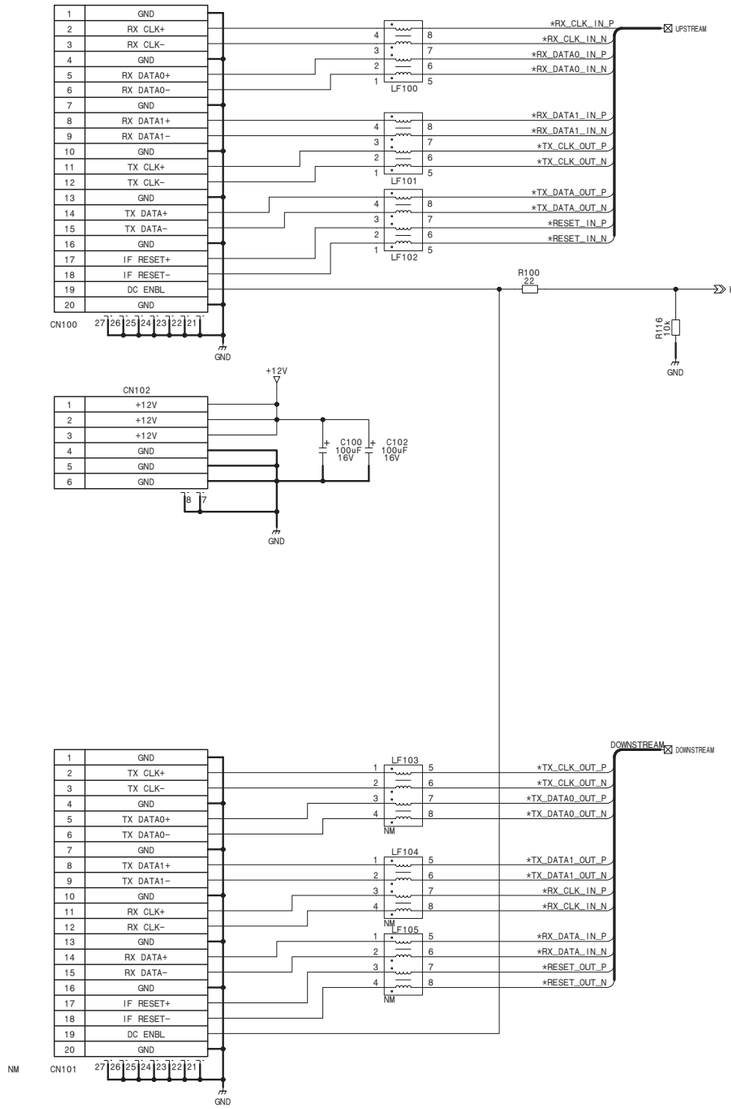


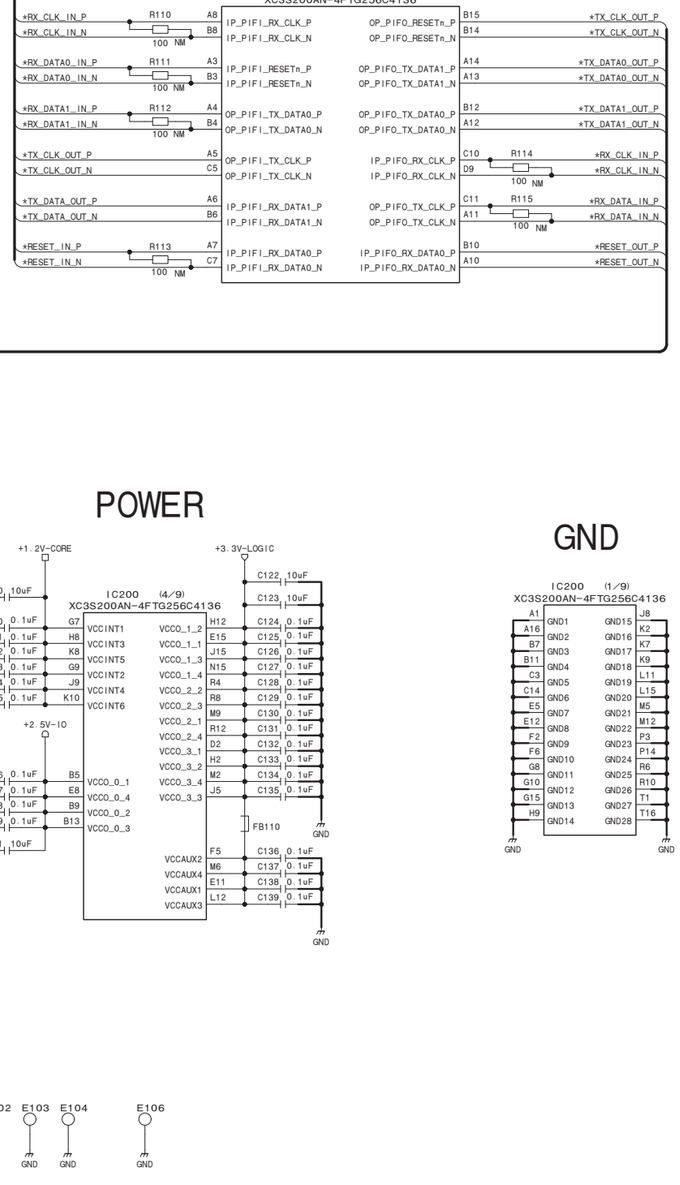

## KY-689 (10/10)

BOARD NO. 1-886-530-22

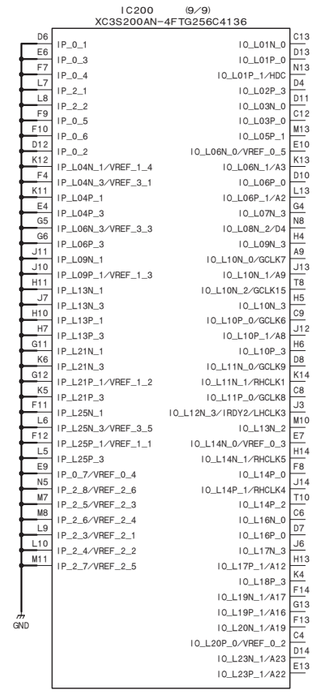
KY-689_10



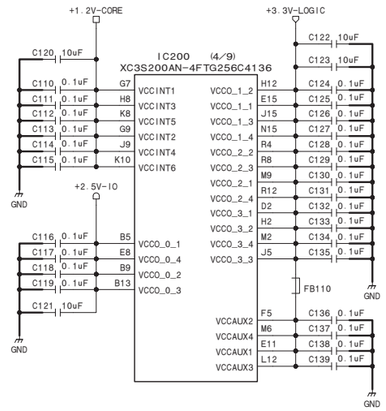

## PANEL I/F




## N.C.




## POWER



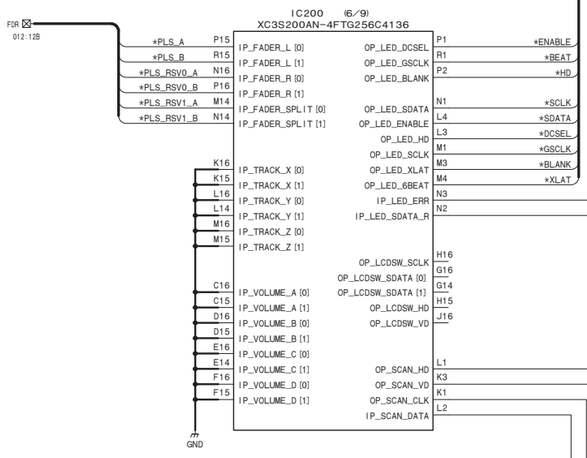

## GND



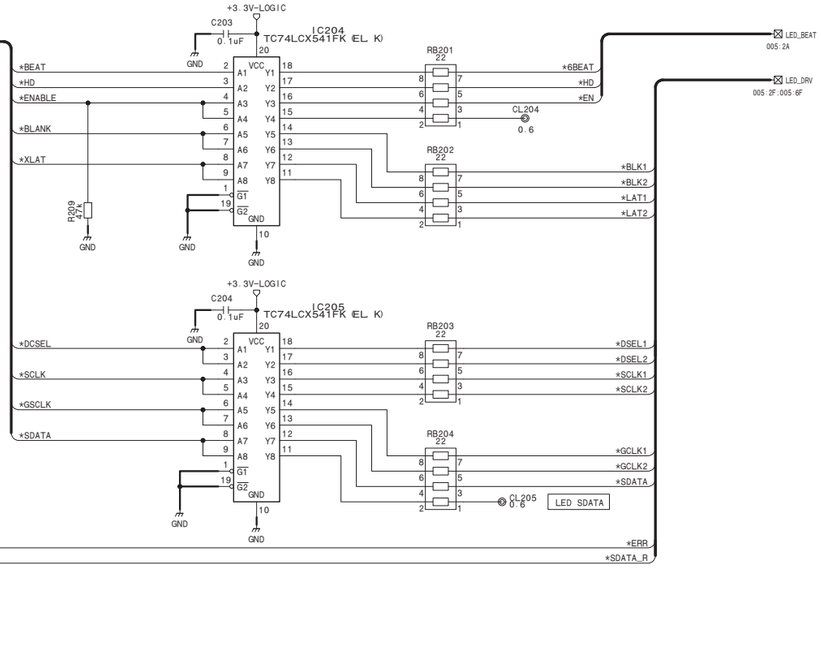

E101 E102 E103 E104 E106

**KY-690 (1/11)**
BOARD NO. 1-886-531-22
KY-690_1

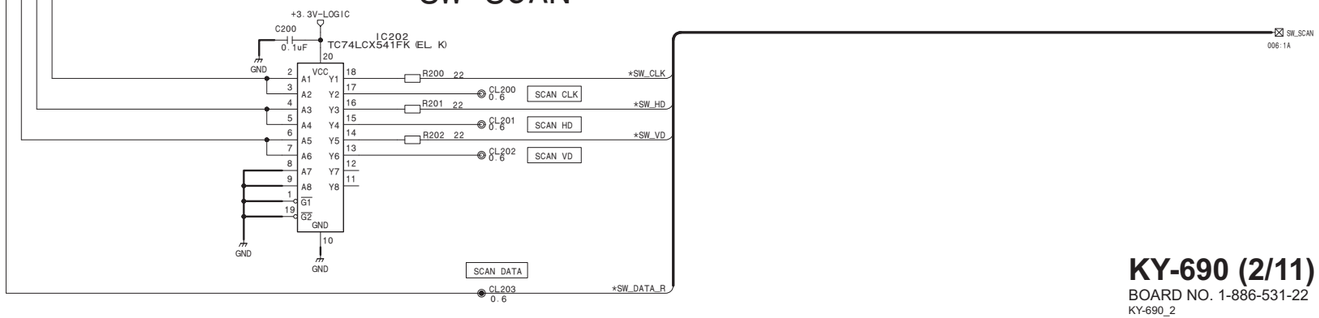
## FADER




## LED DRV




## SW SCAN




**KY-690 (2/11)**
BOARD NO. 1-886-531-22
KY-690_2

## OLED 27

IC200 (7/9)
XC3S200AN-4FTG256C4136

OP_OLED27_CSn [0] F3 *A0
BD_OLED27_D [0] C1 *D0
BD_OLED27_D [1] C2 *D1
BD_OLED27_D [2] D1 *D2
BD_OLED27_D [3] D3 *D3
BD_OLED27_D [4] E1 *D4
BD_OLED27_D [5] E2 *D5
OP_OLED27_RESETn E3 *D6
BD_OLED27_D [6] F1 *D7
OP_OLED27_A0 H1 *CS0
OP_OLED27_CSn [2] G3 *CS1
OP_OLED27_CSn [1] G2 *CS2
BD_OLED27_D [7] G1 *CS3
OP_OLED27_CSn [3] H3 *RD
OP_OLED27_RDn J1 *WR
OP_OLED27_WRn J2 *RESET
OP_OLED27_VCC_EN J4

OLED27

R300 10k NM, R302 10k NM, +3.3V-LOGIC, GND

+3.3V-LOGIC

IC302 TC74LCX541FK (EL K)
C300 0.1uF

*D7 *D6 *D5 *D4 *D3 *D2 *D1 *D0 → RB300 22 → *OL27_D [7] *OL27_D [6] *OL27_D [5] *OL27_D [4]
RB301 22 → *OL27_D [3] *OL27_D [2] *OL27_D [1] *OL27_D [0]

OL27_BUS 010:2A

IC303 TC74LCX541FK (EL K)
C301 0.1uF

*RESET *WR *RD *CS0 *CS1 *CS2 *CS3 *A0 → RB302 22 → *OL27_RST *OL27_WR *OL27_RD *OL27_CS [0]
RB303 22 → *OL27_CS [1] *OL27_A0

RESET, S300, R306 10k, R307 22, 0.1uF C304

C305 0.1uF, IC306 R3112N301A-TR-FE, R310 10k

A2 → PROG_B

M[2:0] = 011
VS[2:0] = 111

+5V-MAIN
R305 10k
Q303 DTC123JE-TL
Q301 DTC123JE-TL

010:2F OLED27_VCC_EN

## CONFIG

IC200 (2/9)
XC3S200AN-4FTG256C4136

R309 4.7k, R311 4.7k
P4 IO_L01N_2/M0
N4 IO_L01P_2/M1
R2 IO_L02P_2/M2
P5 IO_L04N_2/VS0
N6 IO_L04P_2/VS1
T3 IO_L03N_2/VS2
D5 IO_L20N_0/PUDC_B
R16 SUSPEND
T11 IO_L15P_2/AWAKE
DONE T15
IO_L17P_2/INIT_B T12
TCK A15
TDI B1
TDO B16
TMS B2

R331 1k, R332 4.7k
2F CONF_DONE
R327 22, R328 22, R329 22, R330 22
RB310 1k
C309 0.1uF
EPR2
CN300

| | |
|---|---|
| VCC | 1 |
| TRST | 2 |
| TDI | 3 |
| TDO | 4 |
| TMS | 5 |
| TCK | 6 |
| MODE | 7 |
| GND | 8 |
| N.C. | 9 |
| N.C. | 10 |

R333 1k, R334 1k

## USER

GND guard

IC200 (3/9)
XC3S200AN-4FTG256C4136

FB300, C308 0.1uF, R318 10k, X300 25MHz, R325 22

T9 IP_SYS_CLK
R9 IP_SYS_RESETn

P7 IP_USER_STATUS [7]
P9 IP_USER_STATUS [5]
P8 IP_USER_STATUS [6]
P10 IP_USER_STATUS [4]
N11 OP_USER_CTRL [5]
N12 OP_USER_CTRL [3]
N10 OP_USER_CTRL [6]
N9 OP_USER_CTRL [7]

OP_USER_CTRL [0] IP_USER_STATUS [0]
OP_USER_CTRL [2] IP_USER_STATUS [1]
OP_USER_CTRL [1] IP_USER_STATUS [2]
IP_USER_STATUS [3] OP_USER_CTRL [4]

R14 CL300 0.6
T14 CL301 0.6
P13 CL302 0.6
T13 CL303 0.6
R13 CL304 0.6
P12 CL305 0.6
R11 CL306 0.6
P11 CL307 0.6

| CL | |
|---|---|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |

11B CONF_DONE
C307 0.1uF, R326 10k, C306 0.1uF NM, IC307 R3112N301A-TR-FE

R343 4.7k, R344 4.7k, R345 4.7k, R346 4.7k, R347 4.7k, R348 4.7k, R349 4.7k, R350 4.7k
S301 SETTING1
S302 SETTING2
NM
R335 4.7k, R336 4.7k, R337 4.7k, R338 4.7k, R339 22, R340 22, R341 4.7k, R342 4.7k

## OLED 08

IC200 (8/9)
XC3S200AN-4FTG256C4136

OP_OLED08_SCLK T2 *SCLK
OP_OLED08_SDATA R3 *SDATA
OP_OLED08_DC T4 *DCSEL
OP_OLED08_CSn [0] R7 *CS0
OP_OLED08_CSn [1] T7 *CS1
OP_OLED08_CSn [2] T6 *CS2
OP_OLED08_CSn [3] R5 *CS3
OP_OLED08_CSn [4] T5 *CS4
OP_OLED08_RESETn P6 *RESET
OP_OLED08_VCC_EN N7

OLED08

R301 10k NM, R303 10k NM, +3.3V-LOGIC, GND

+3.3V-LOGIC

IC304 TC74LCX541FK (EL K)
C302 0.1uF

*CS0 *DCSEL *RESET *SCLK *SCLK *SDATA *CS1 → RB304 22 → *OL08_CS [0] *OL08_DC *OL08_RST *OL08_SCLK [0]
RB305 22 → *OL08_SCLK [1] *OL08_SCLK [2] *OL08_SDIN *OL08_CS [1]

OL08_BUS 011:2A:011:4A:011:6A:011:9A:011:9E

IC305 TC74LCX541FK (EL K)
C303 0.1uF

*CS2 *CS3 *CS4 → RB306 22 → *OL08_CS [2] *OL08_CS [3] *OL08_CS [4]

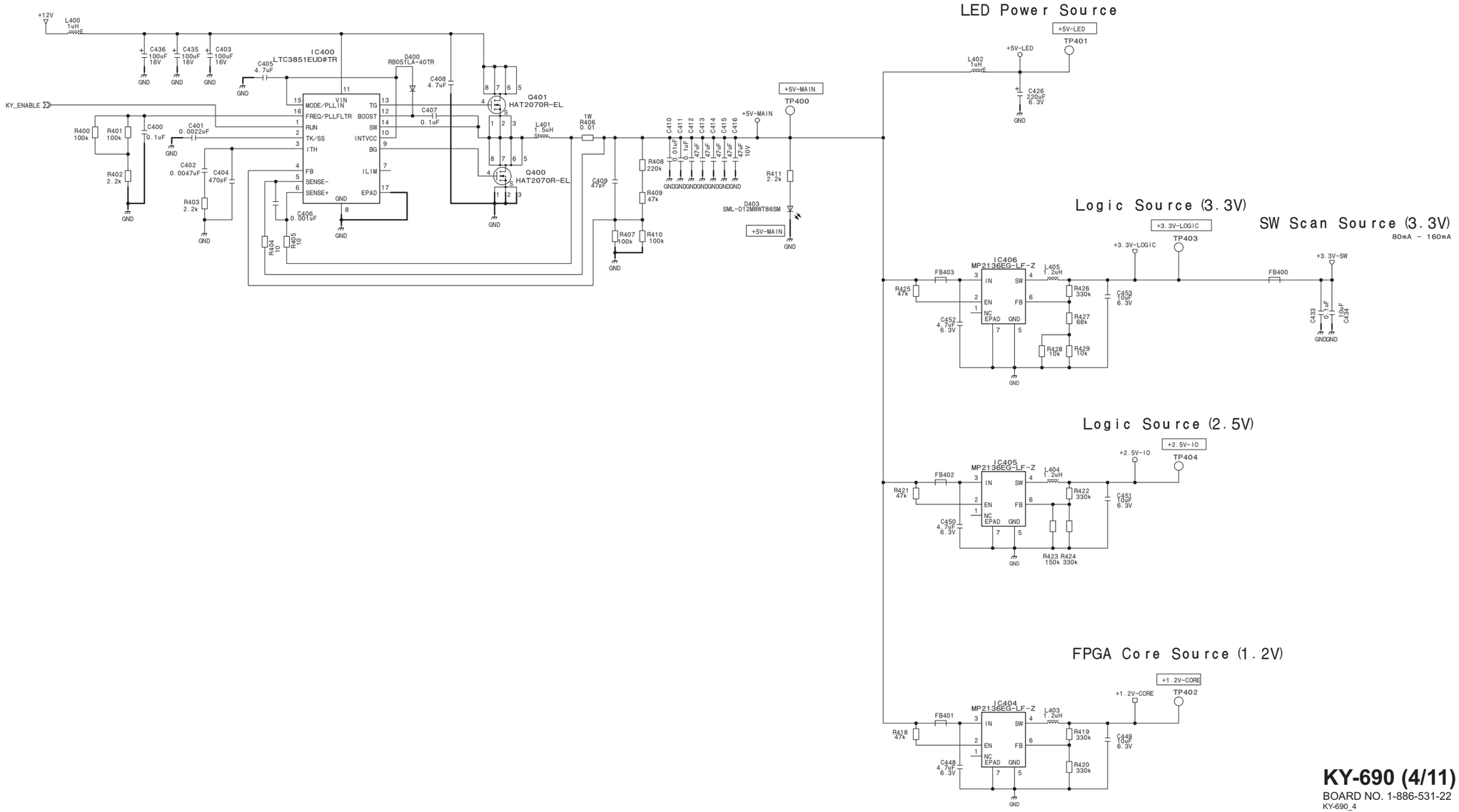
+5V-MAIN
R304 10k
Q302 DTC123JE-TL
Q300 DTC123JE-TL

011:2G OLED08_VCC_EN



**KY-690 (3/11)**
BOARD NO. 1-886-531-22
KY-690_3

**KY-690 (4/11)**

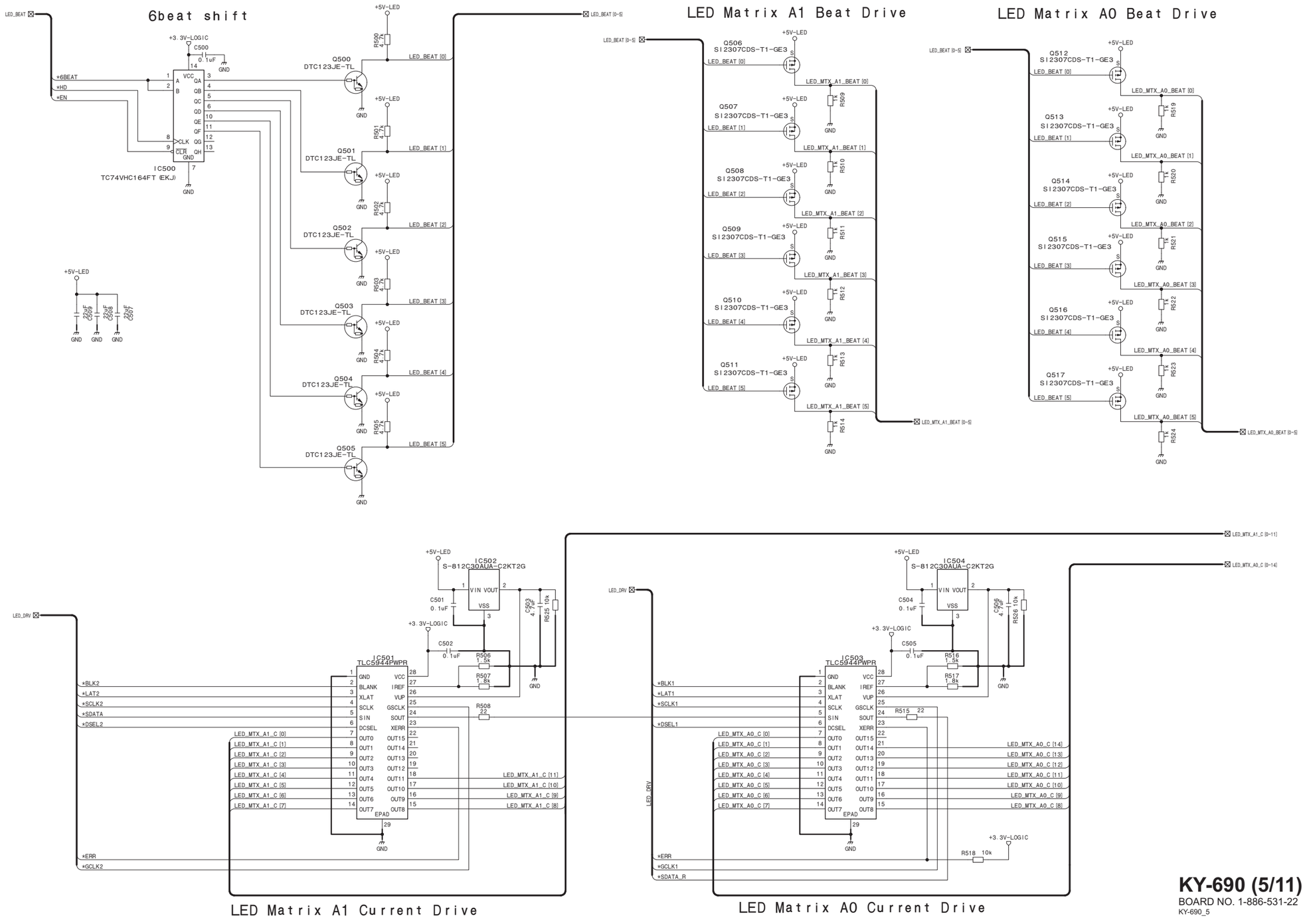



**KY-690 (4/11)**

BOARD NO. 1-886-531-22

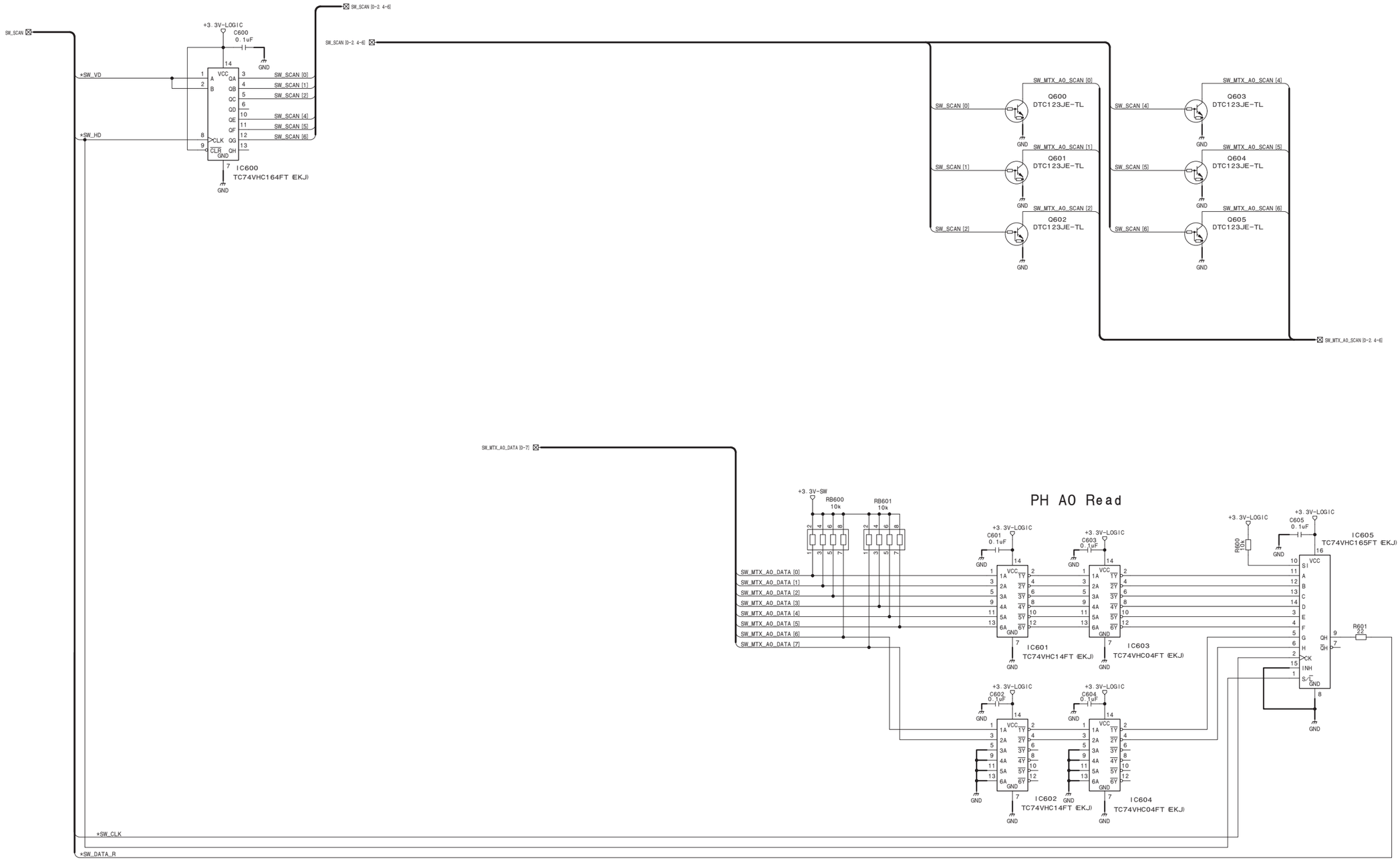
KY-690_4

**KY-690 (5/11)**




**KY-690 (5/11)**
BOARD NO. 1-886-531-22
KY-690_5

## KY-690 (6/11)

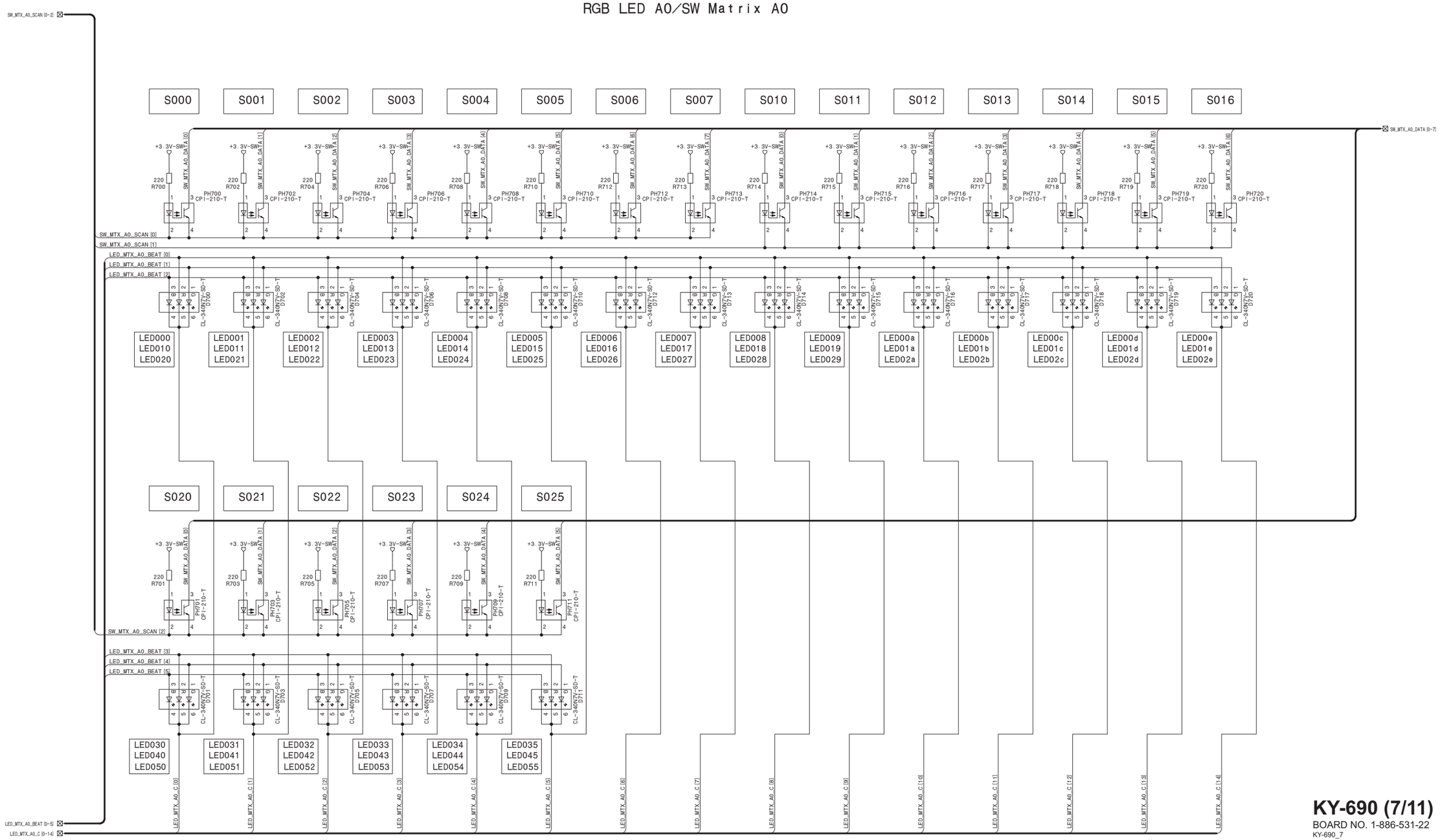



## KY-690 (6/11)

BOARD NO. 1-886-531-22

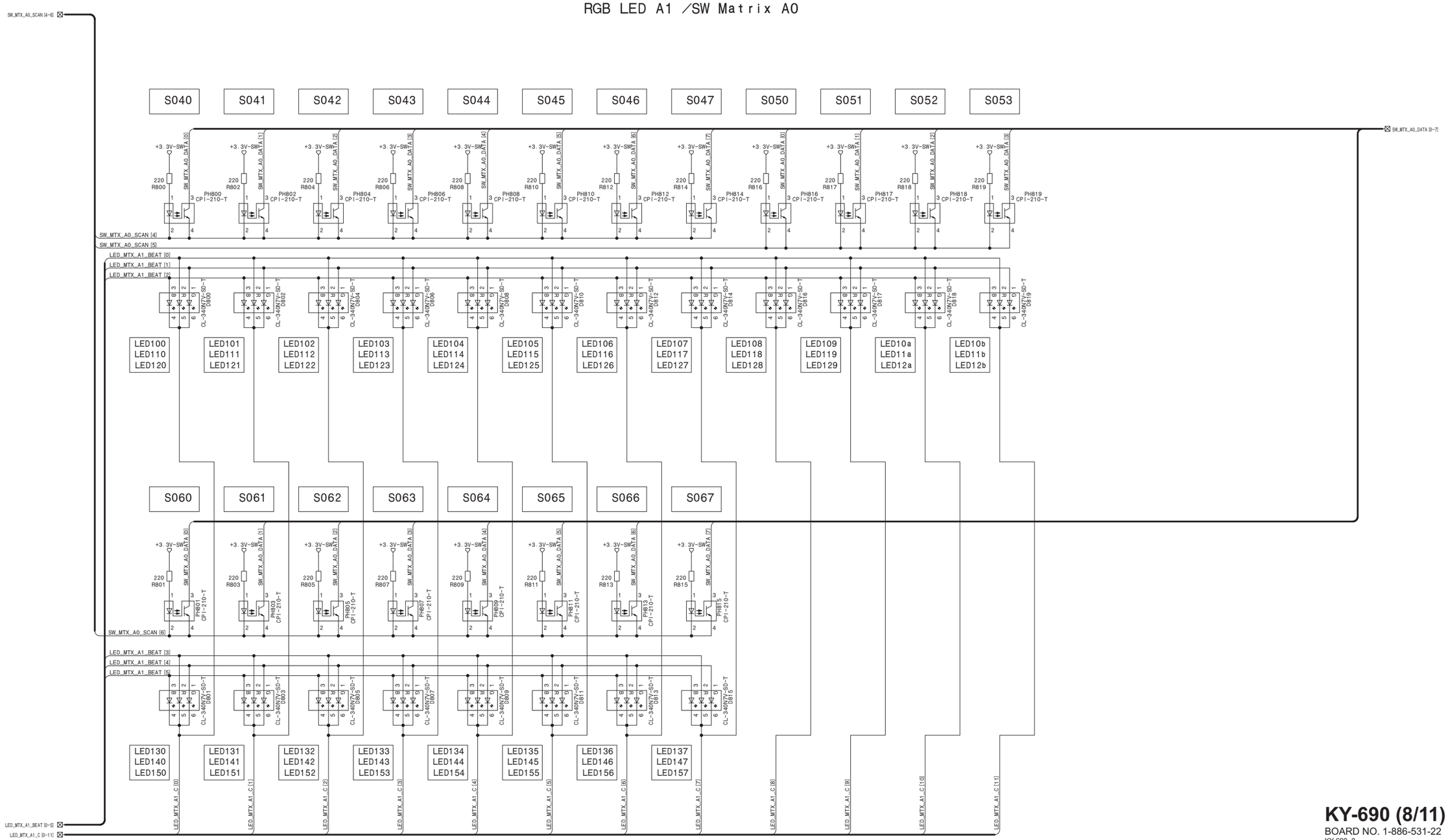
KY-690_6

RGB LED AO/SW Matrix AO



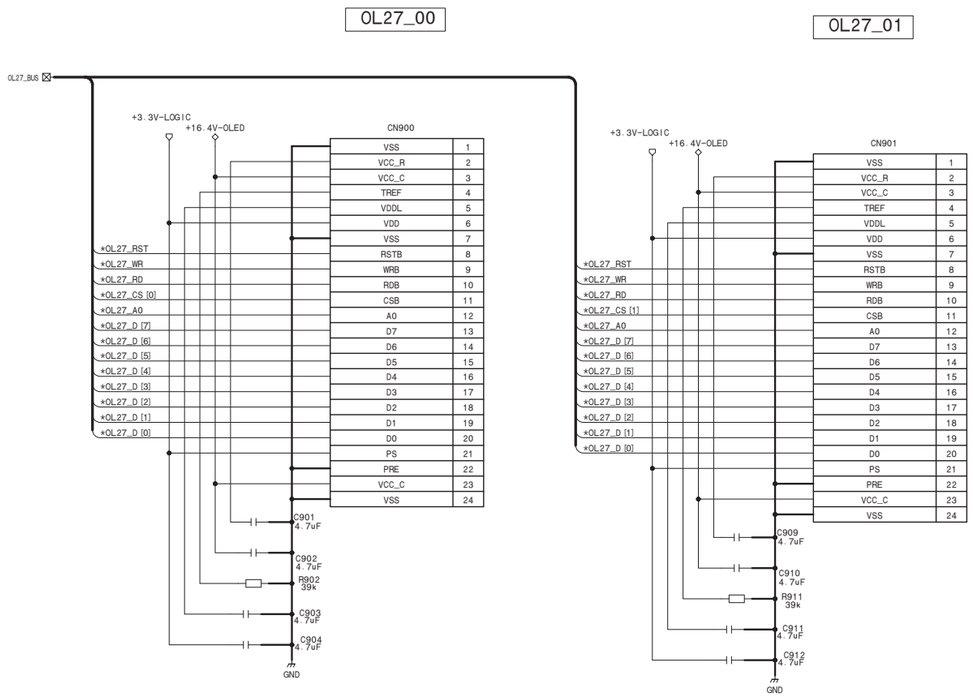

**KY-690 (7/11)**
BOARD NO. 1-886-531-22
KY-690_7

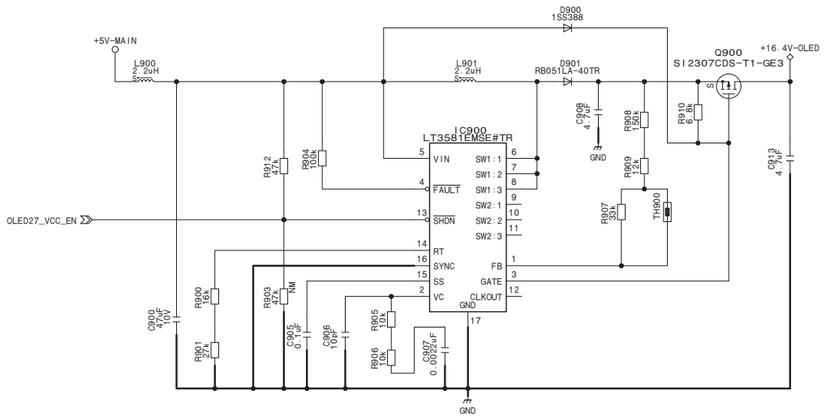
## RGB LED A1 /SW Matrix A0




**KY-690 (8/11)**
BOARD NO. 1-886-531-22
KY-690_8

## KY-690 (9/11)



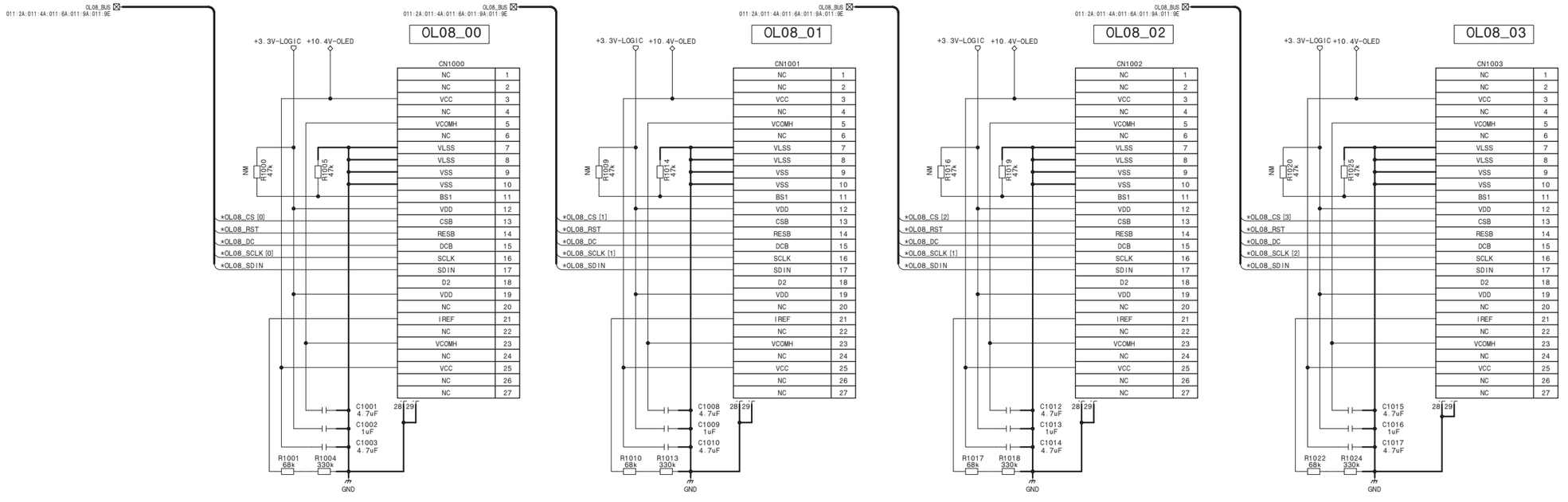



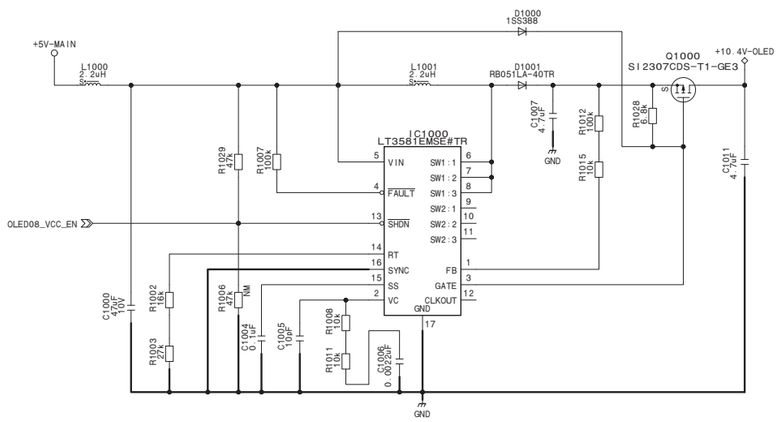

**KY-690 (9/11)**

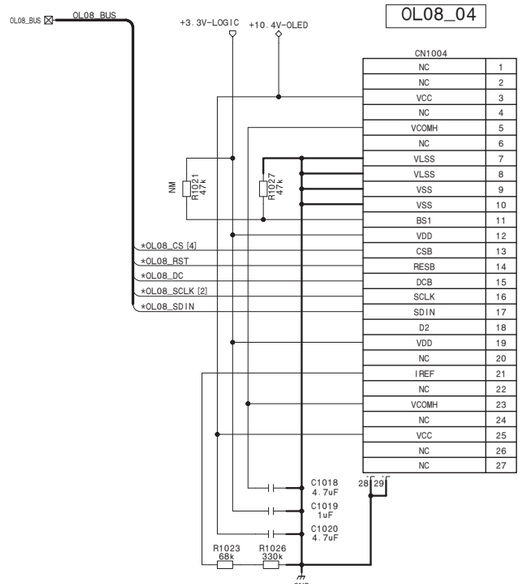
BOARD NO. 1-886-531-22

KY-690_9

# KY-690 (10/11)



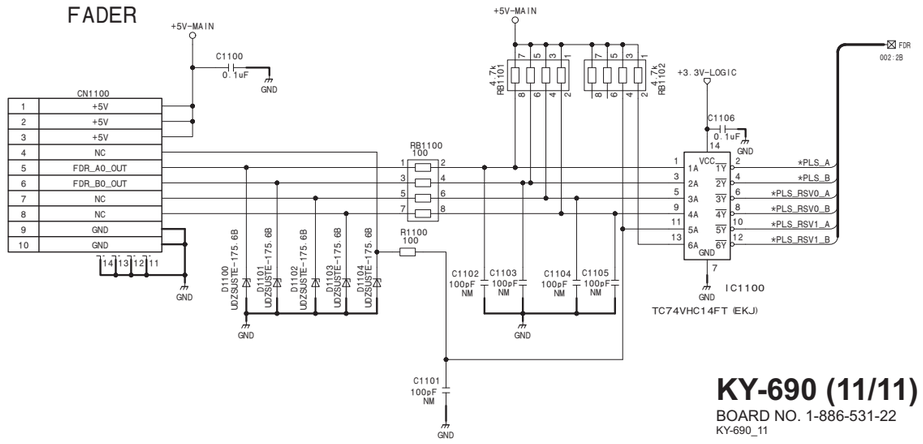




# KY-690 (10/11)

BOARD NO. 1-886-531-22

KY-690_10

## KY-690 (11/11)

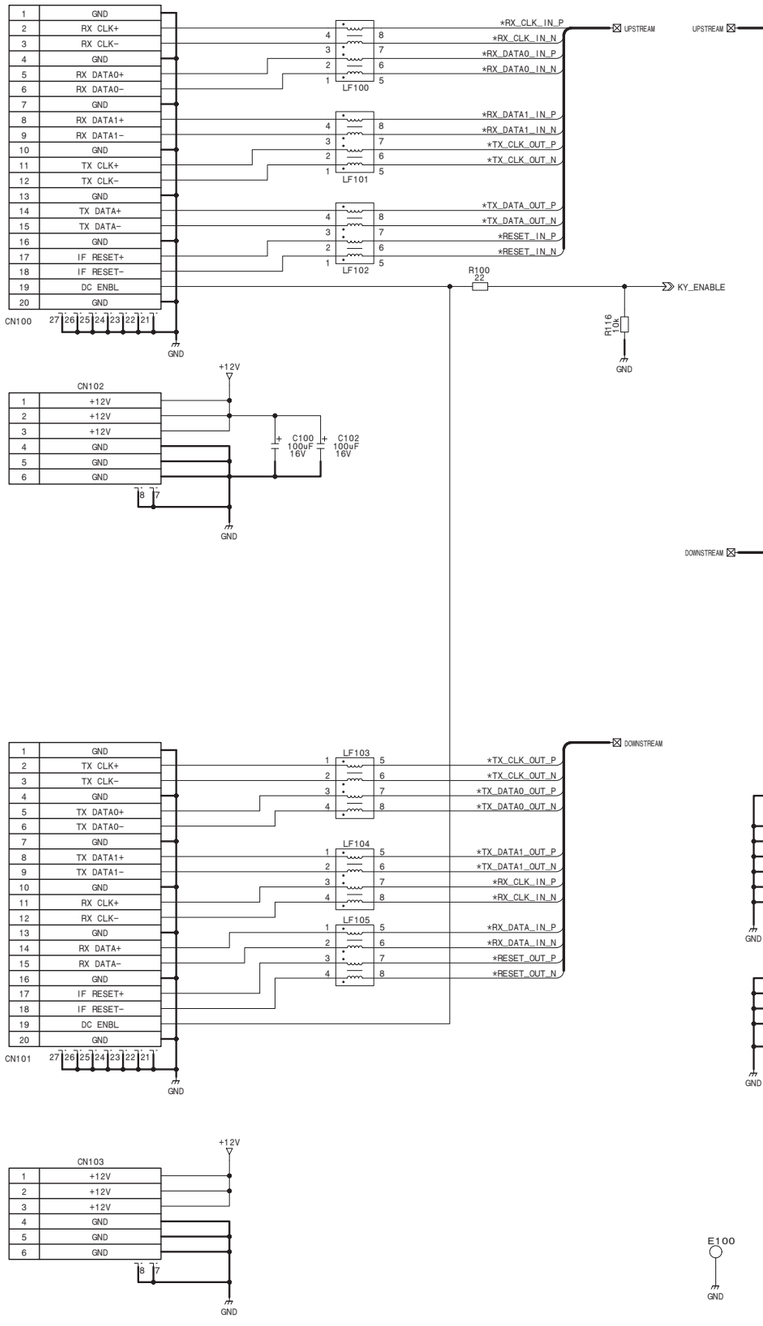



# KY-690 (11/11)

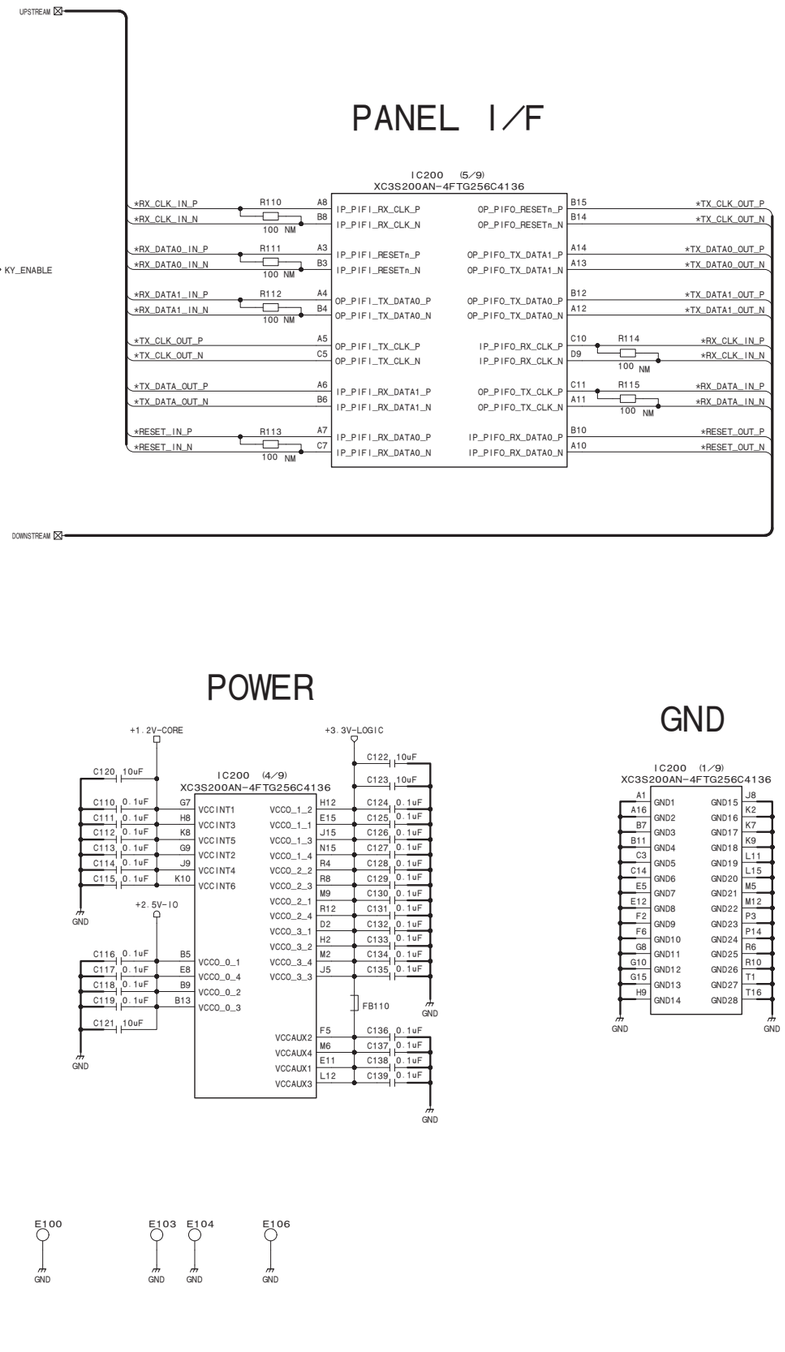
BOARD NO. 1-886-531-22

KY-690_11

# KY-691
## KY-691 (1/11)




## PANEL I/F



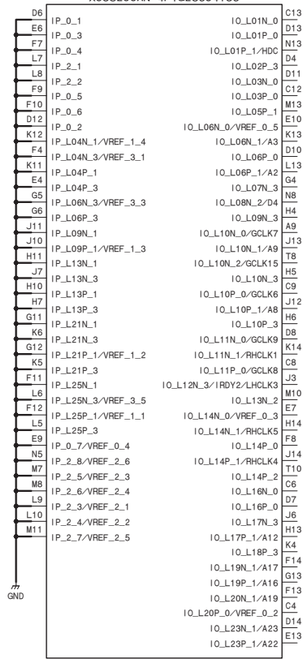

## POWER







## N.C.




## GND

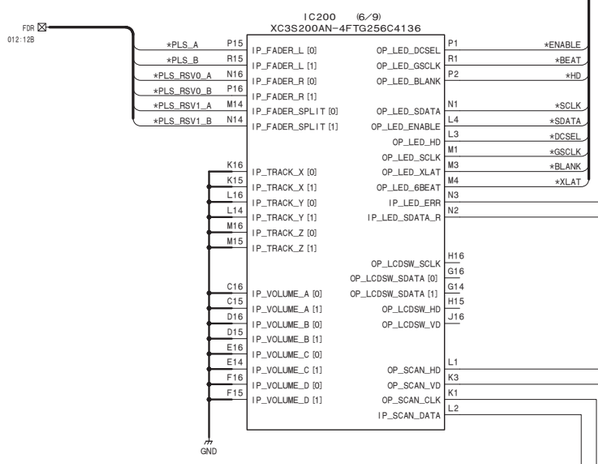



**KY-691 (1/11)**

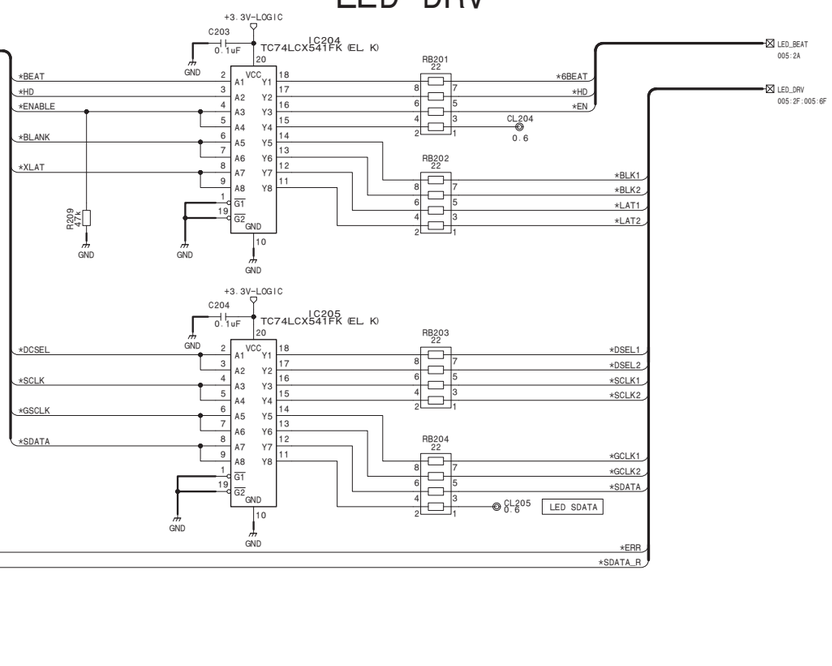
BOARD NO. 1-886-532-12, 22

KY-691_1

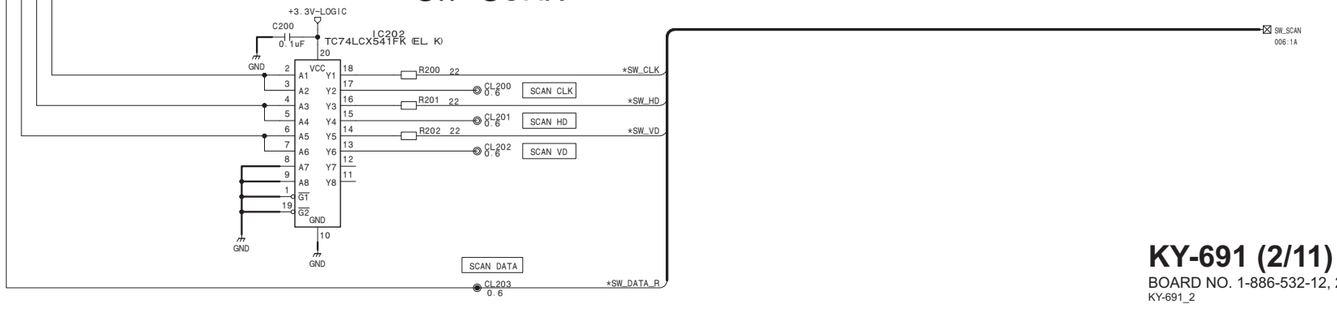
## FADER




## LED DRV



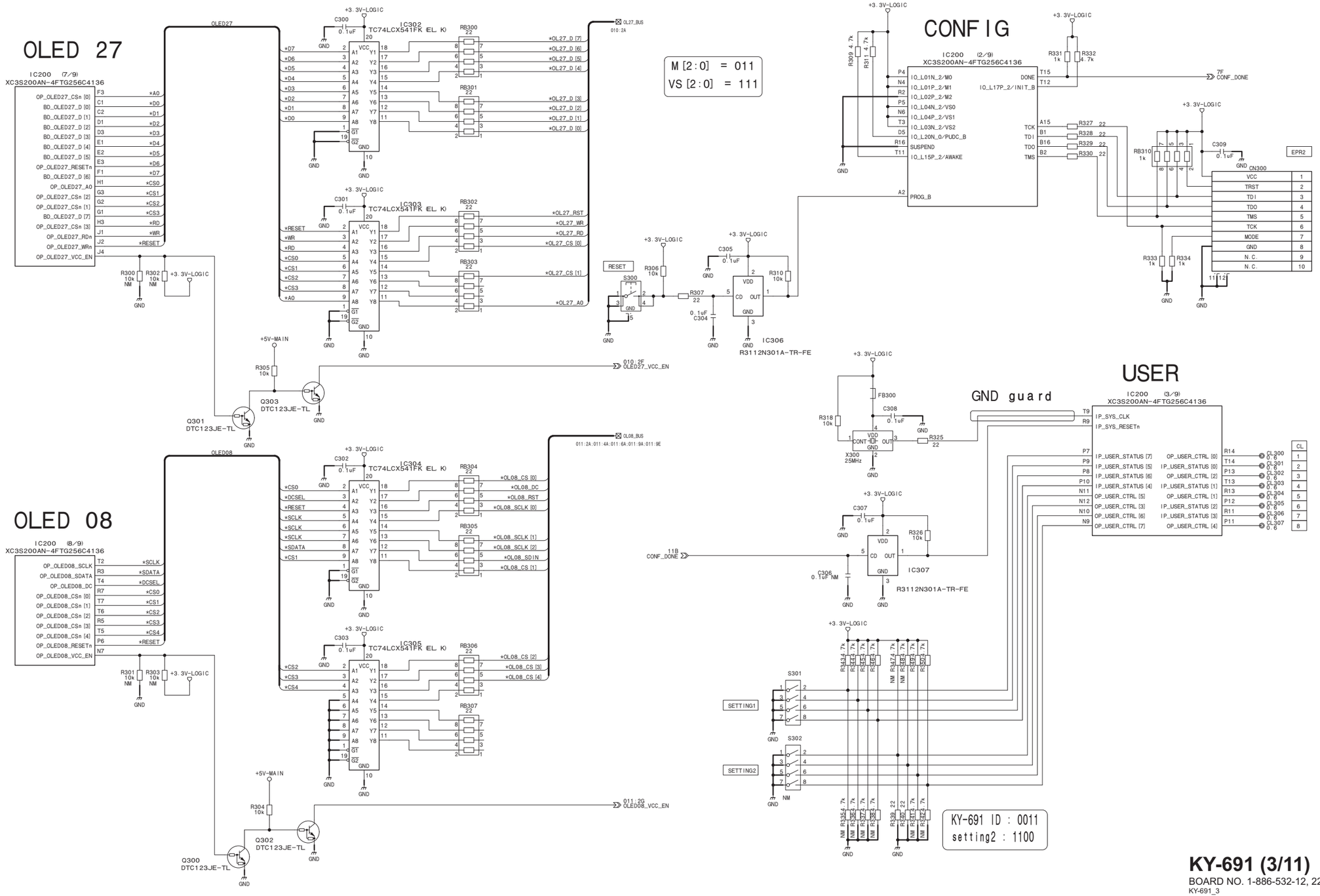

## SW SCAN




**KY-691 (2/11)**

BOARD NO. 1-886-532-12, 22

KY-691_2

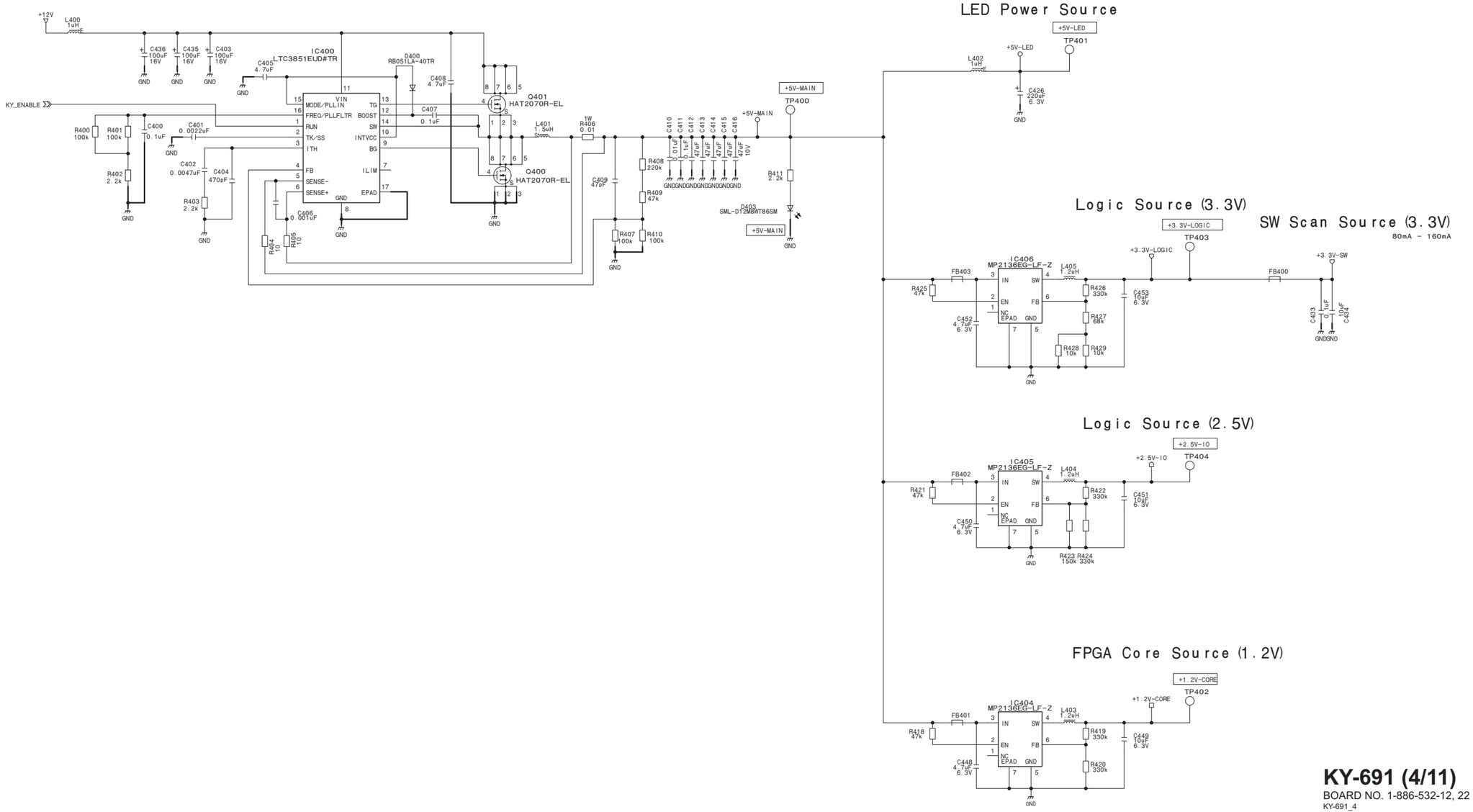



**KY-691 (3/11)**

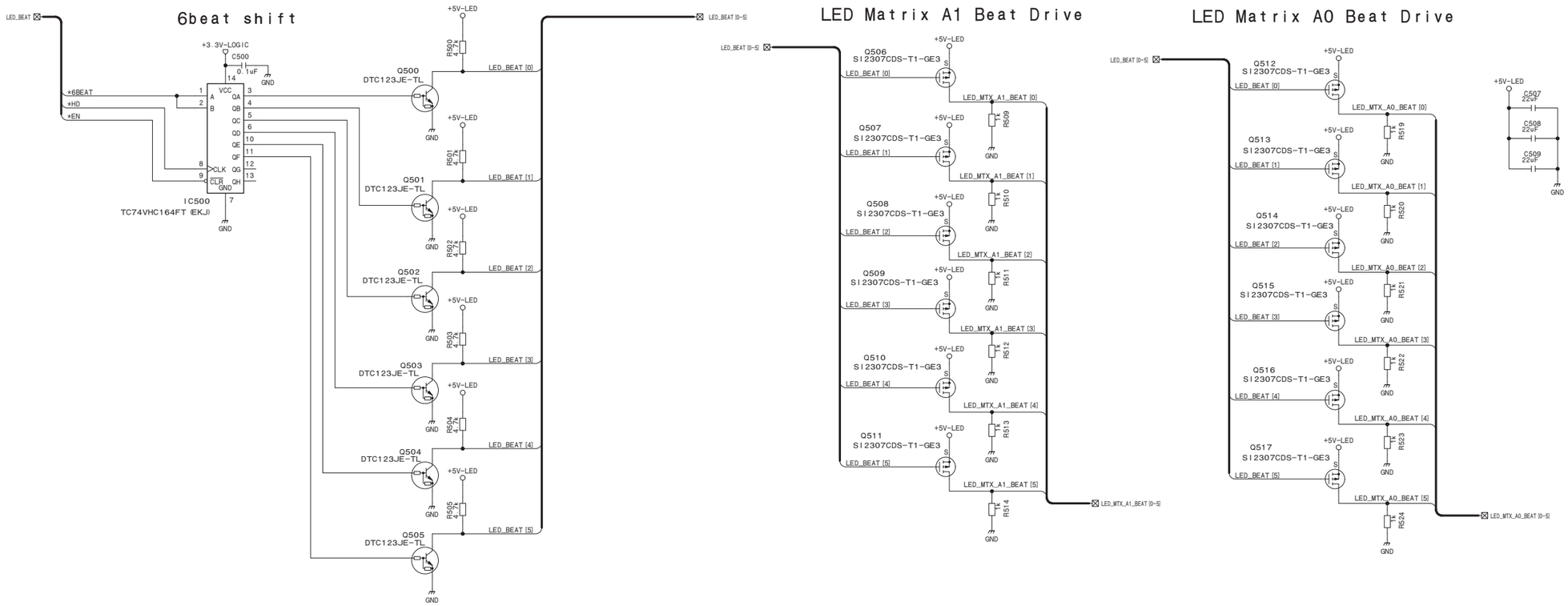
BOARD NO. 1-886-532-12, 22

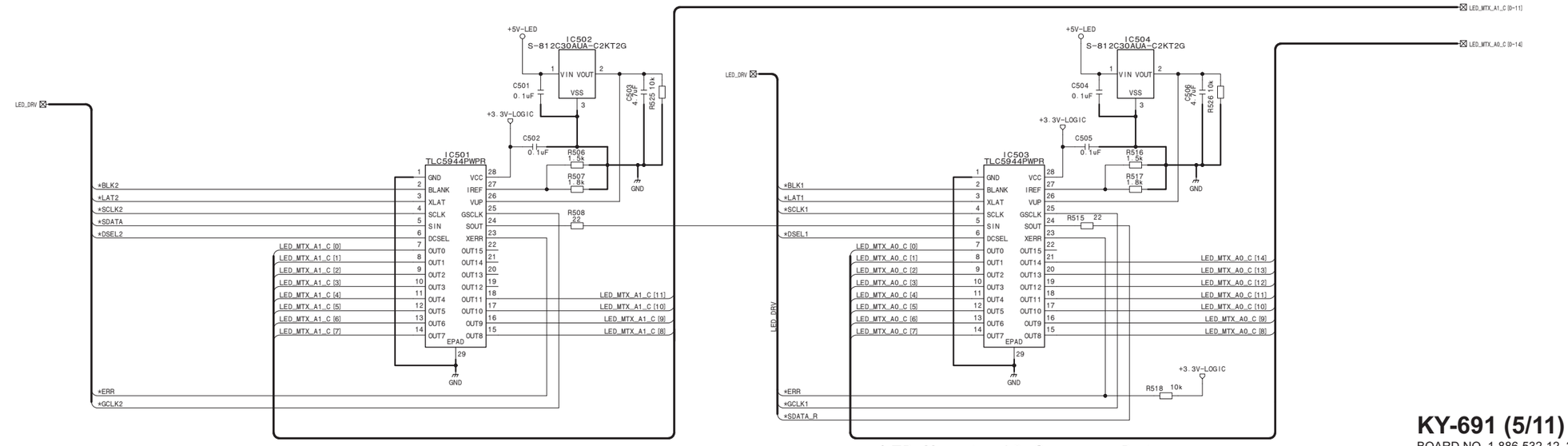
KY-691_3

## KY-691 (4/11)


LED Power Source
+5V-LED
TP401
L402 1uH
C426 220uF 6.3V
+12V
L400 1uH
C436 100uF 16V
C435 100uF 16V
C403 100uF 16V
IC400
LTC3851EUD#TR
C405 4.7uF
D400 RB051LA-40TR
C408 4.7uF
C407 0.1uF
Q401 HAT2070R-EL
Q400 HAT2070R-EL
KY_ENABLE
R400 100k
R401 100k
C400 0.1uF
C401 0.0022uF
R402 2.2k
C402 0.0047uF
C404 470pF
R403 2.2k
C406 0.001uF
R404 10
R405 10
L401 1.5uH
1W R406 0.01
C409 470pF
R407 100k
R408 220k
R409 47k
R410 100k
C410 0.01uF
C411 0.1uF
C412 47uF
C413 47uF
C414 47uF
C415 47uF
C416 47uF 10V
+5V-MAIN
TP400
R411 2.2k
D403 SML-D12M8WT86SM
Logic Source (3.3V)
+3.3V-LOGIC
TP403
SW Scan Source (3.3V)
80mA ~ 160mA
IC406 MP2136EG-LF-Z
FB403
L405 1.2uH
R425 47k
R426 330k
R427 68k
R428 10k
R429 10k
C452 4.7uF 6.3V
C453 10uF 6.3V
FB400
+3.3V-SW
C433 1uF
C434 10uF
Logic Source (2.5V)
+2.5V-IO
TP404
IC405 MP2136EG-LF-Z
FB402
L404 1.2uH
R421 47k
R422 330k
C450 4.7uF 6.3V
C451 10uF 6.3V
R423 150k
R424 330k
FPGA Core Source (1.2V)
+1.2V-CORE
TP402
IC404 MP2136EG-LF-Z
FB401
L403 1.2uH
R418 47k
R419 330k
R420 330k
C448 4.7uF 6.3V
C449 10uF 6.3V
IN
SW
EN
FB
NC
EPAD
GND
KY-691 (4/11)
BOARD NO. 1-886-532-12, 22
KY-691_4

**KY-691 (5/11)**

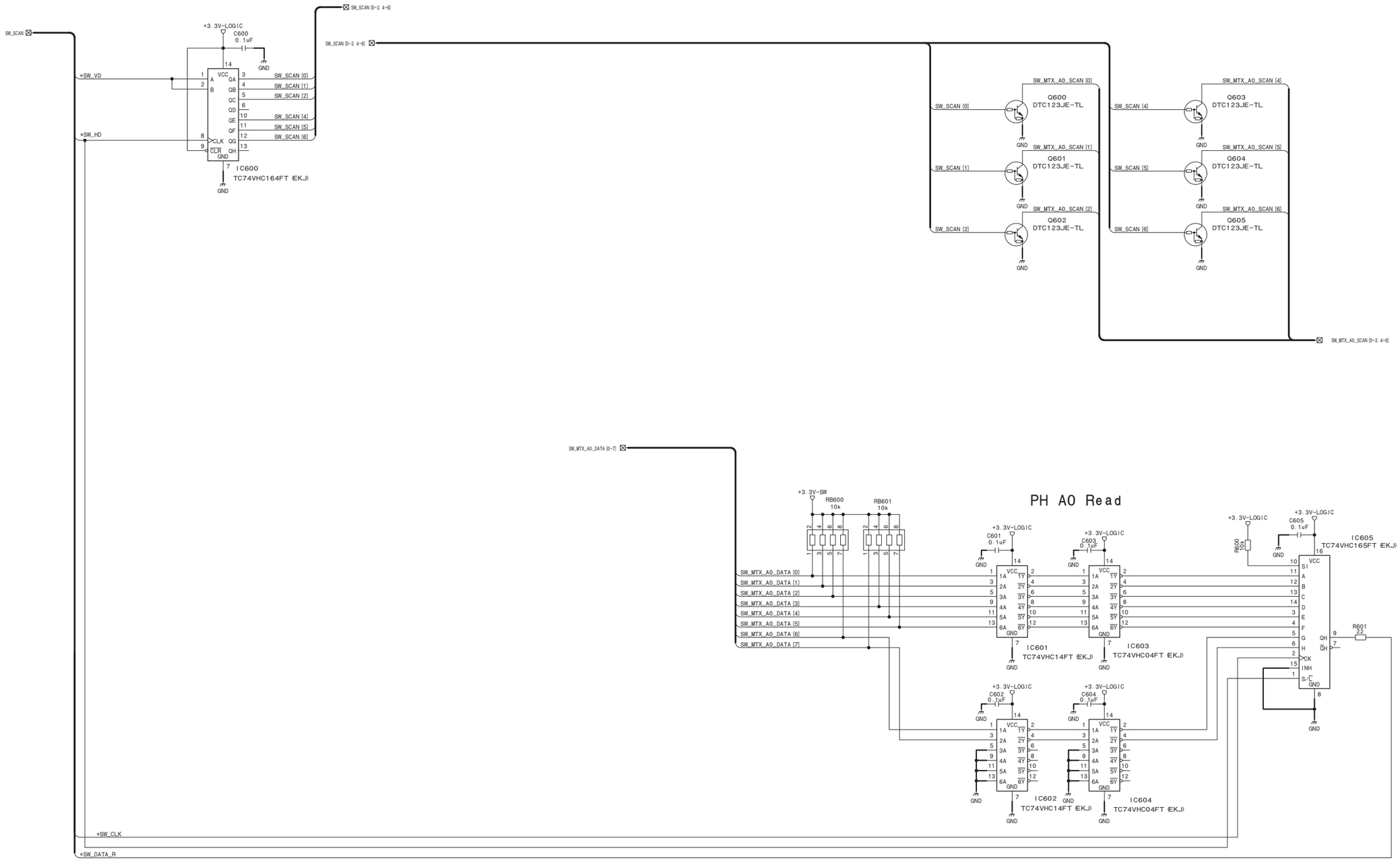



**KY-691 (5/11)**

BOARD NO. 1-886-532-12, 22

KY-691_5

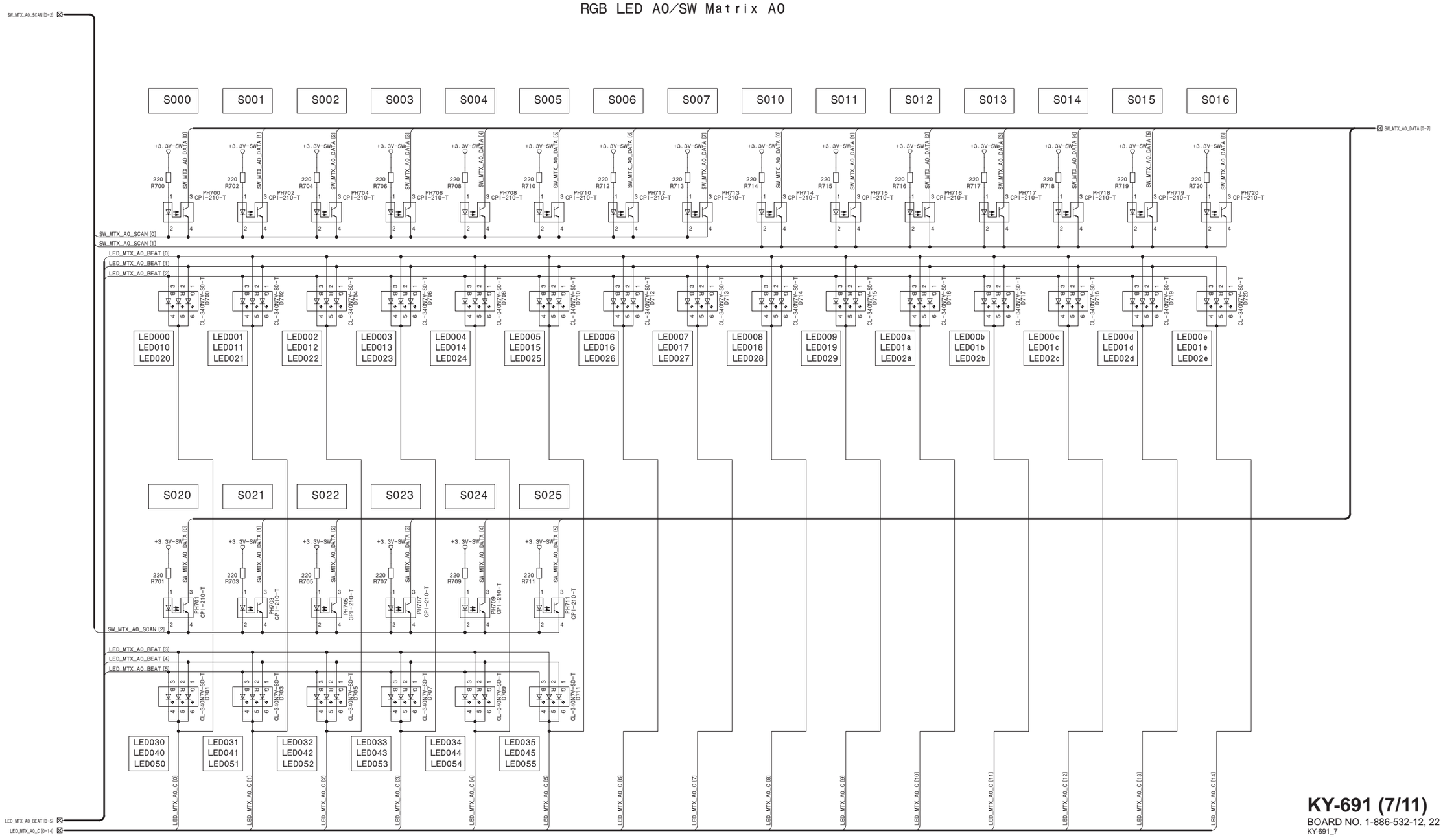



**KY-691 (6/11)**

BOARD NO. 1-886-532-12, 22

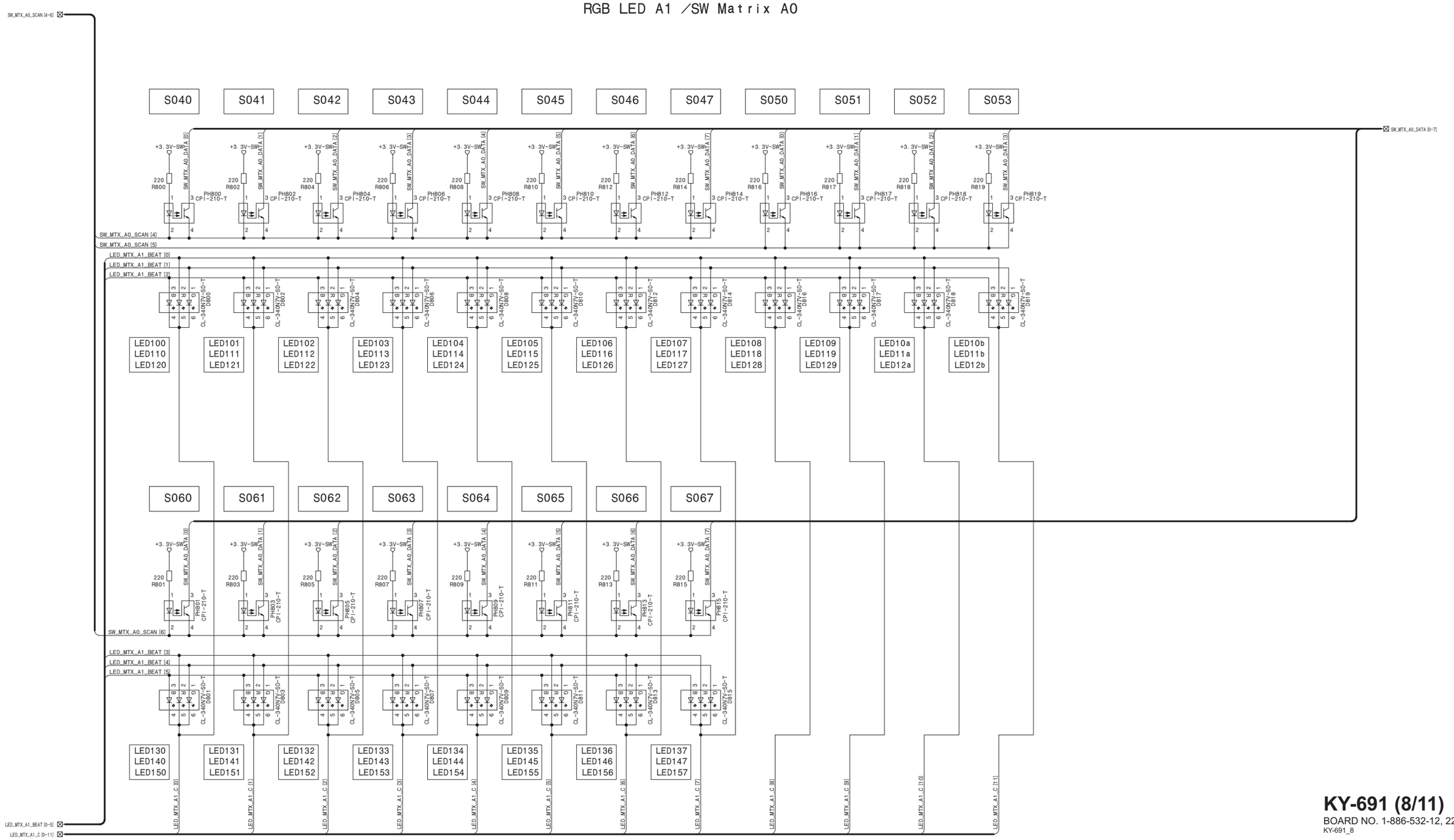
KY-691_6

RGB LED AO/SW Matrix AO




**KY-691 (7/11)**
BOARD NO. 1-886-532-12, 22
KY-691_7

RGB LED A1 /SW Matrix A0

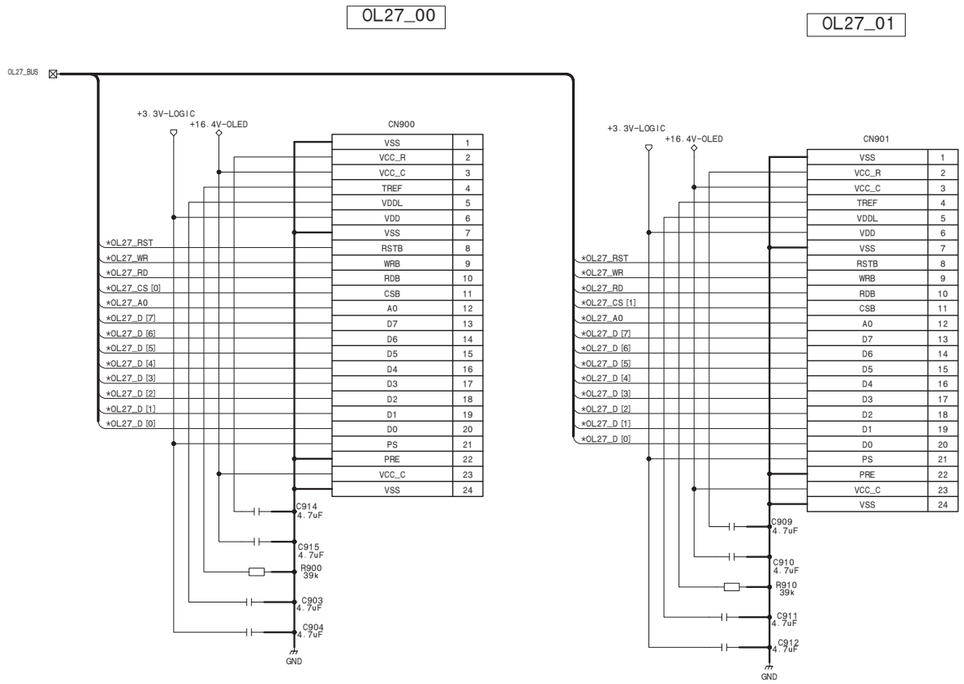


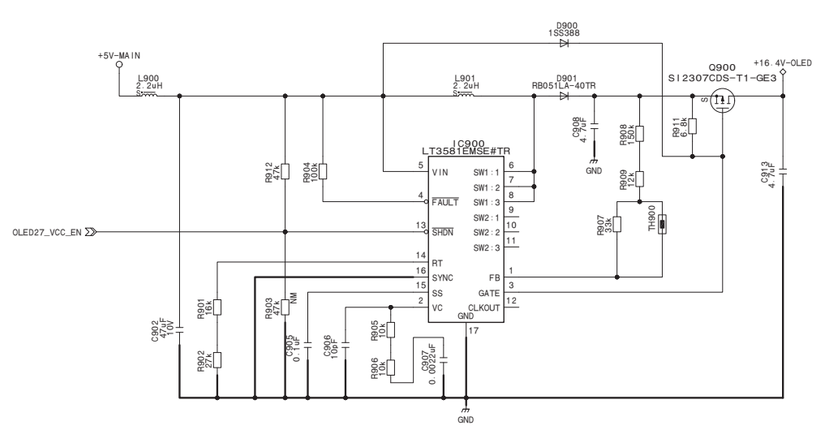

**KY-691 (8/11)**

BOARD NO. 1-886-532-12, 22

KY-691_8

## KY-691 (9/11)



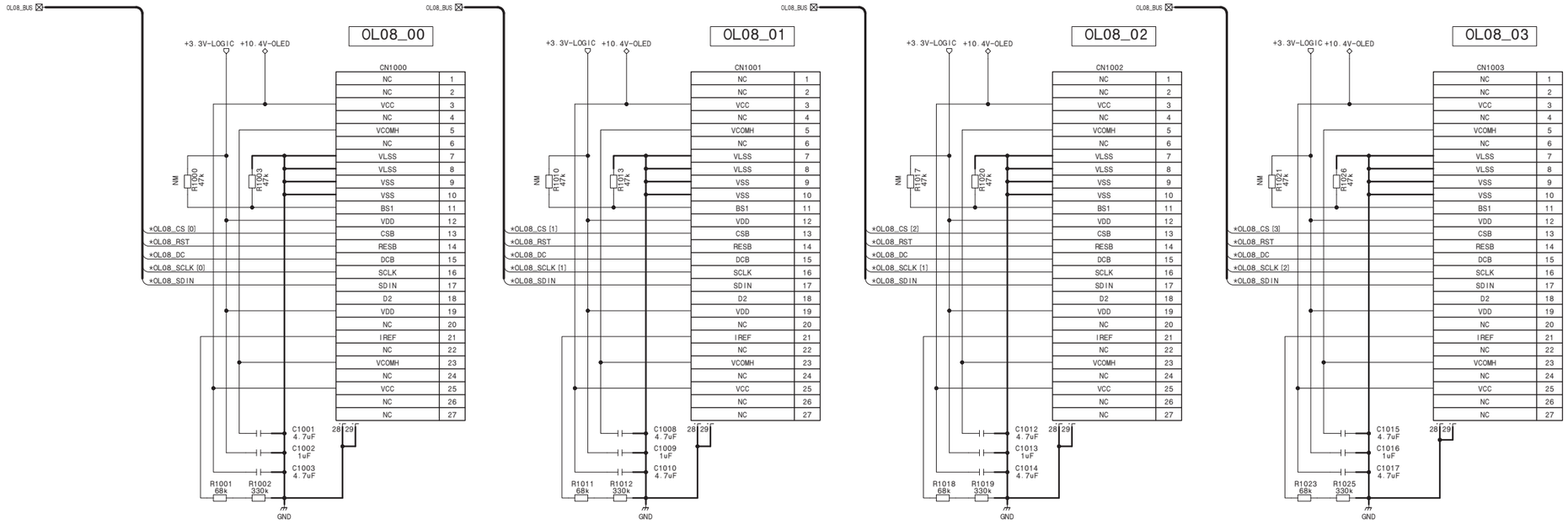



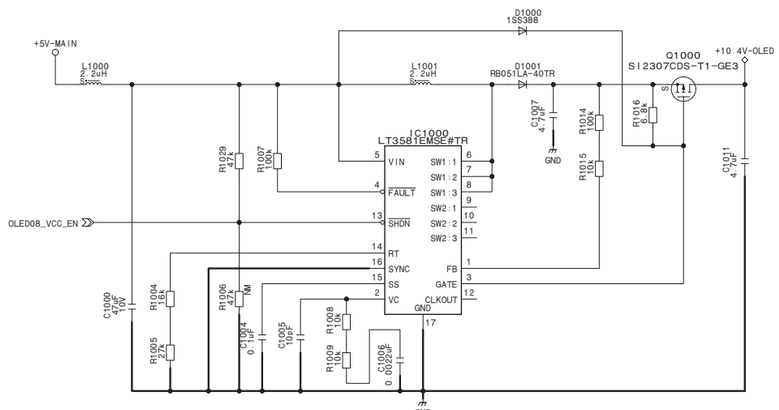

# KY-691 (9/11)

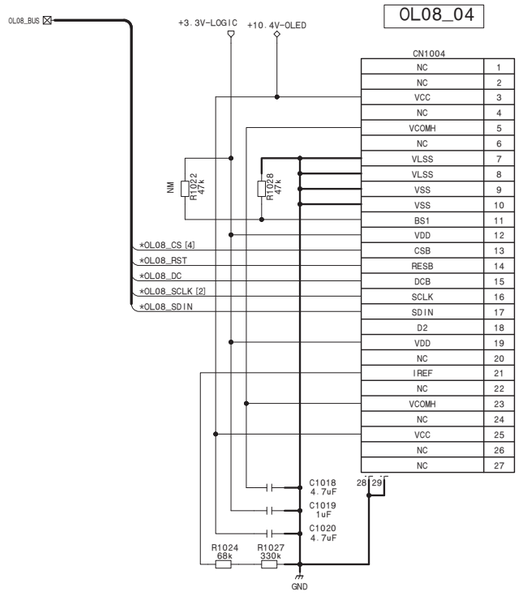
BOARD NO. 1-886-532-12, 22

KY-691_9

## KY-691 (10/11)



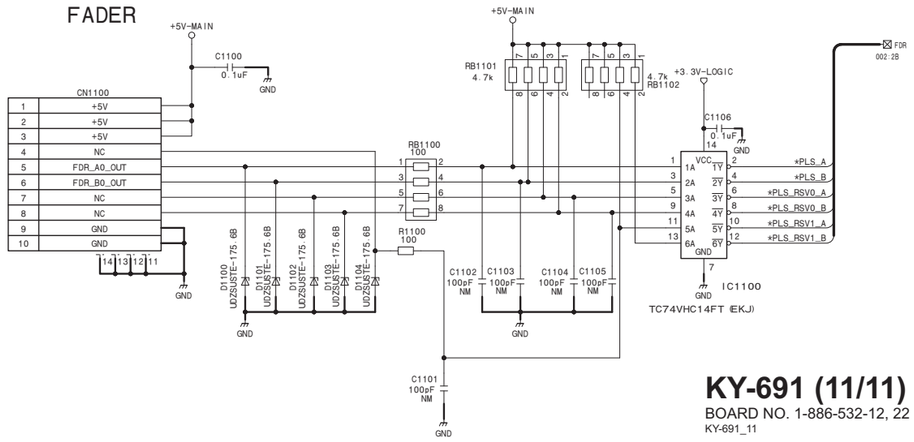




## KY-691 (10/11)

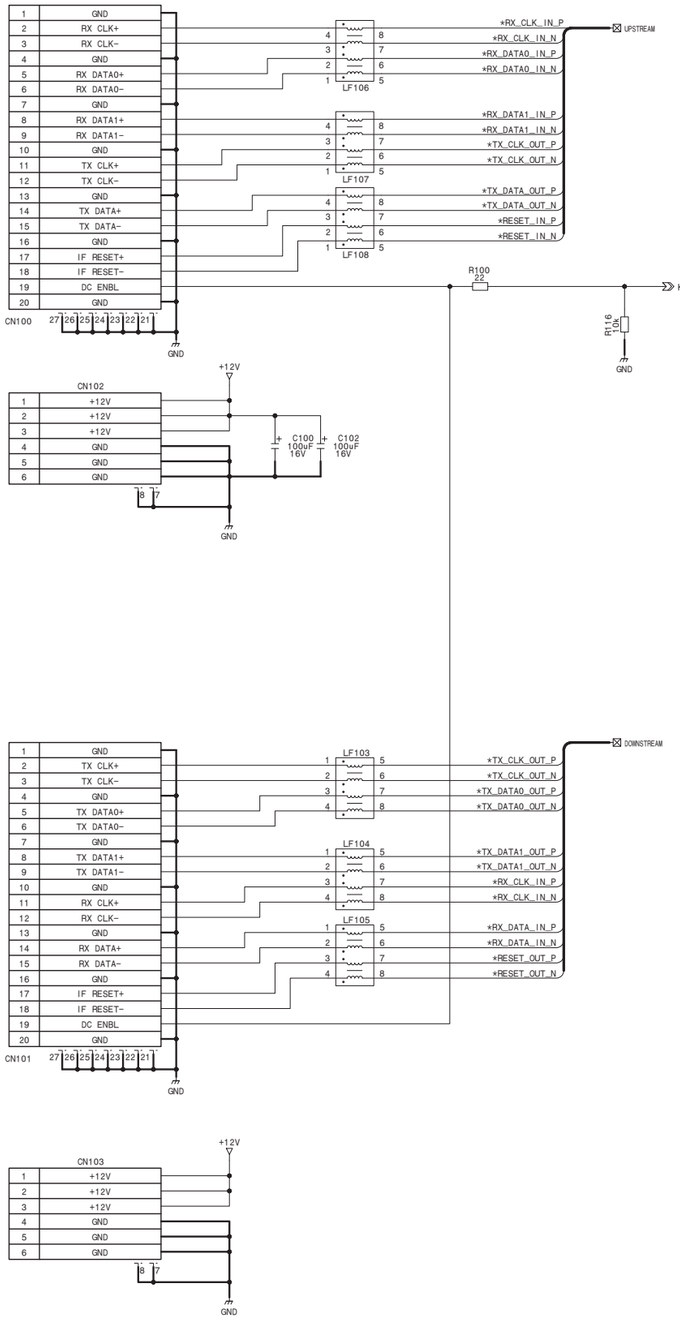
BOARD NO. 1-886-532-12, 22

KY-691_10

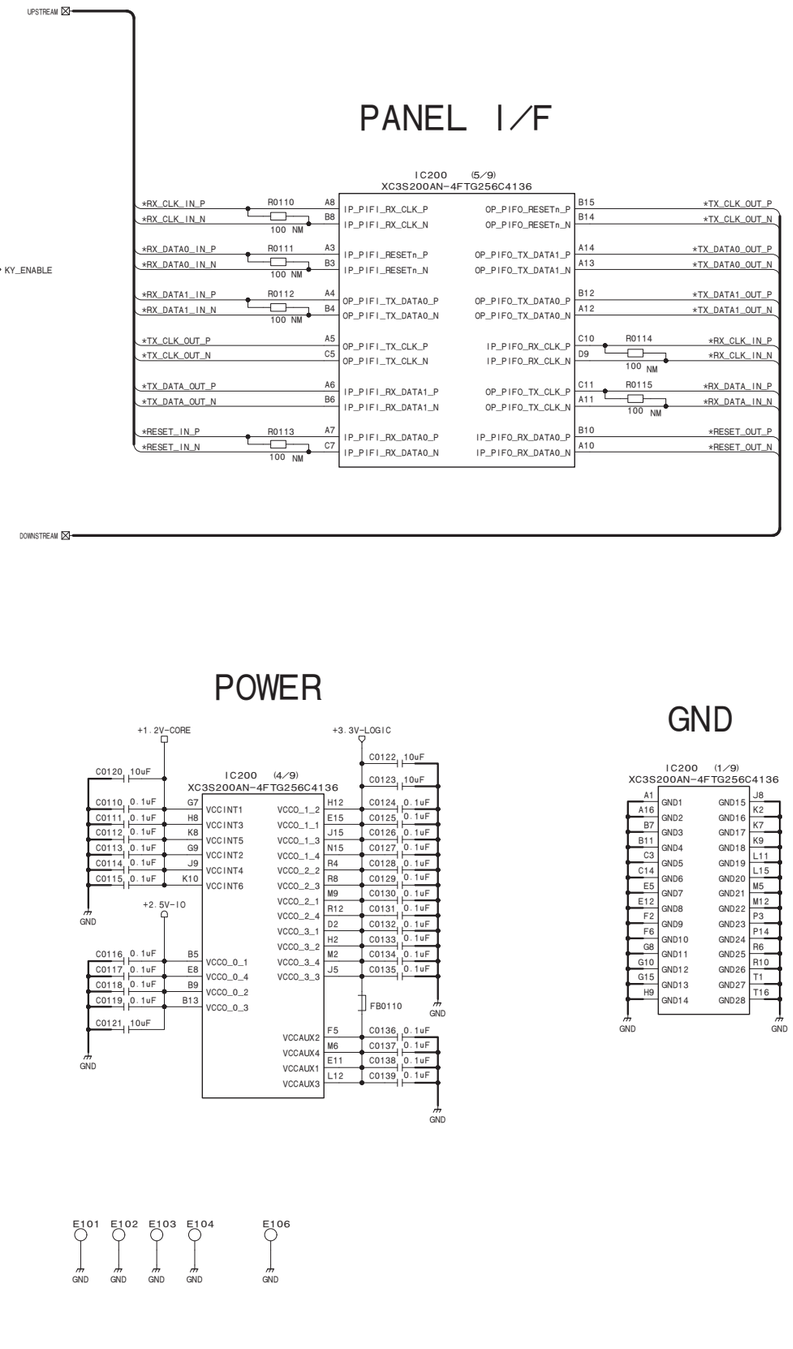
## KY-691 (11/11)



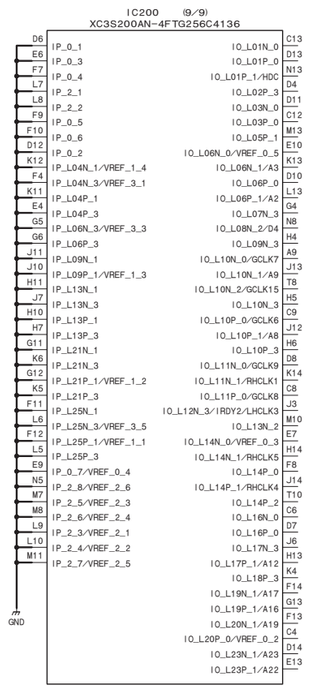

**KY-691 (11/11)**
BOARD NO. 1-886-532-12, 22
KY-691_11




## PANEL I/F




## N.C.




## POWER




## GND

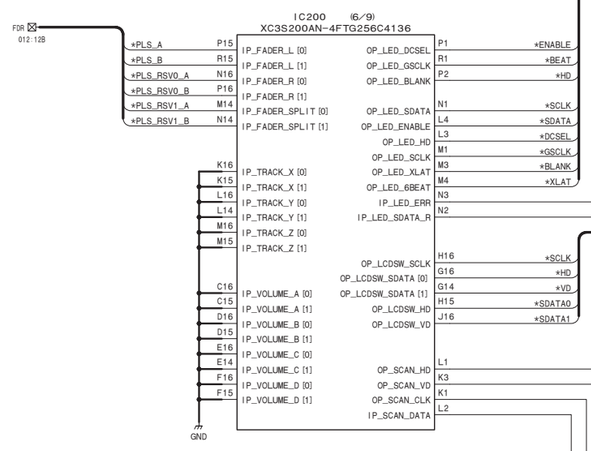




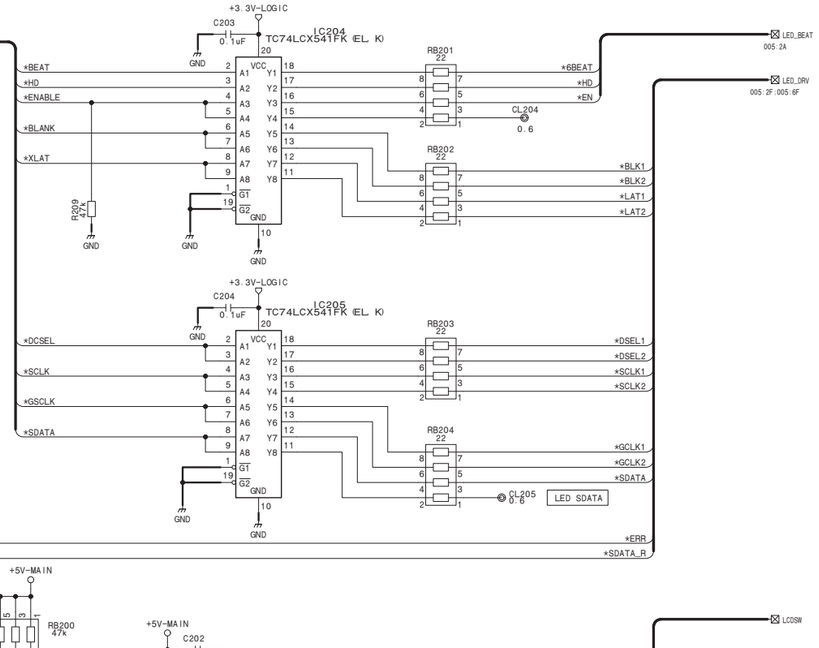


**KY-692 (1/11)**
BOARD NO. 1-886-533-13, 23
KY-692_1

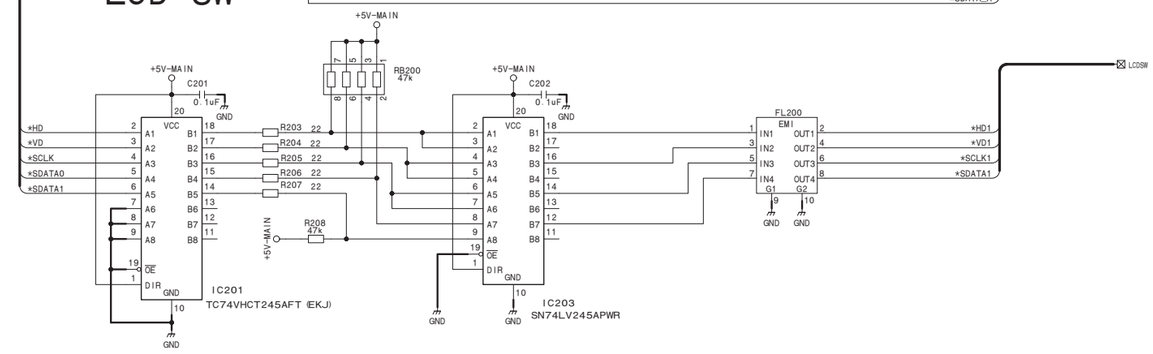
# FADER



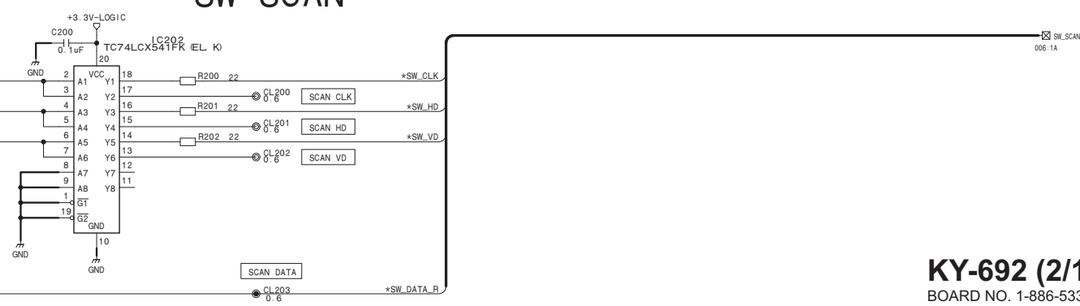

# LED DRV




# LCD SW



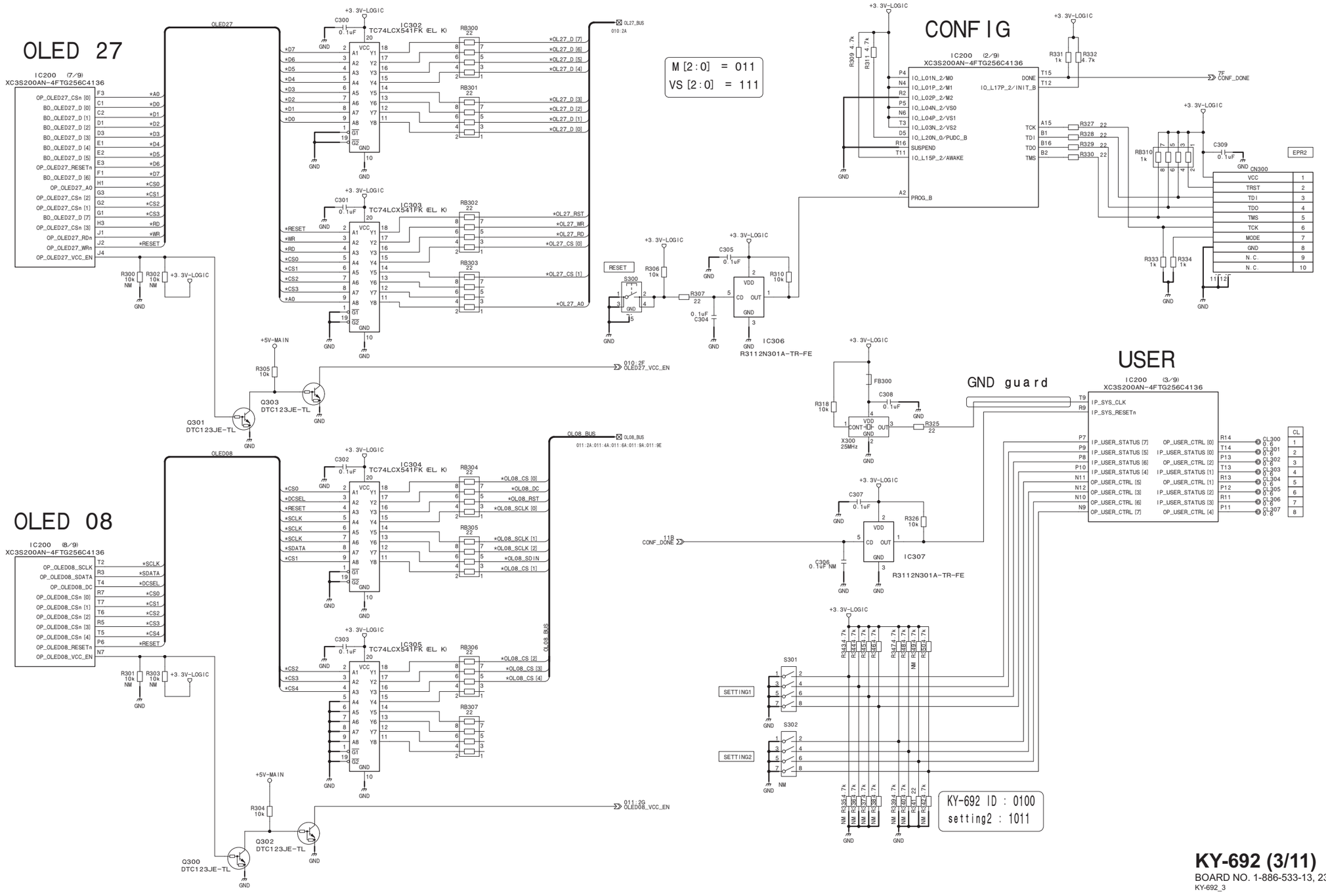

# SW SCAN




**KY-692 (2/11)**

BOARD NO. 1-886-533-13, 23

KY-692_2

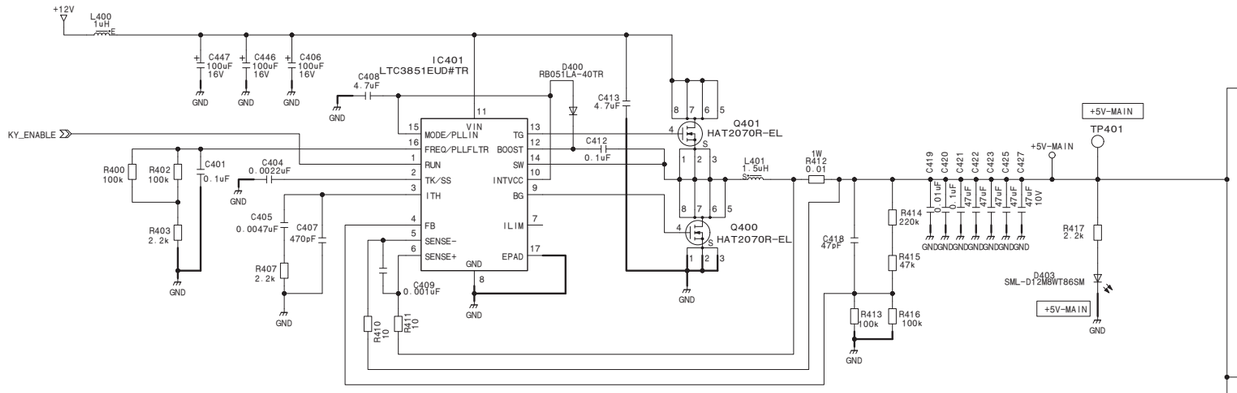


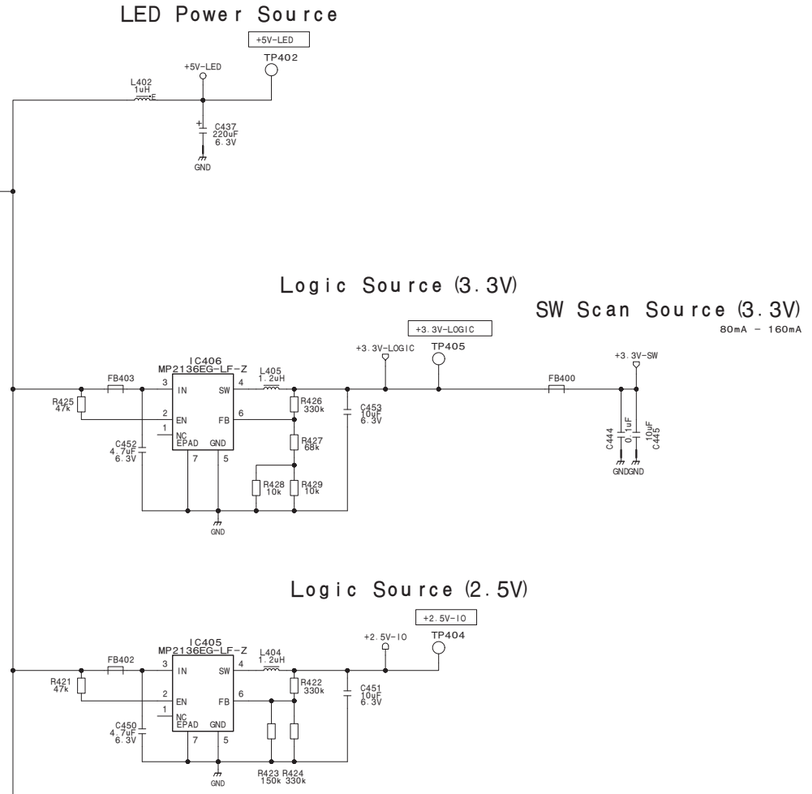

## KY-692 (3/11)

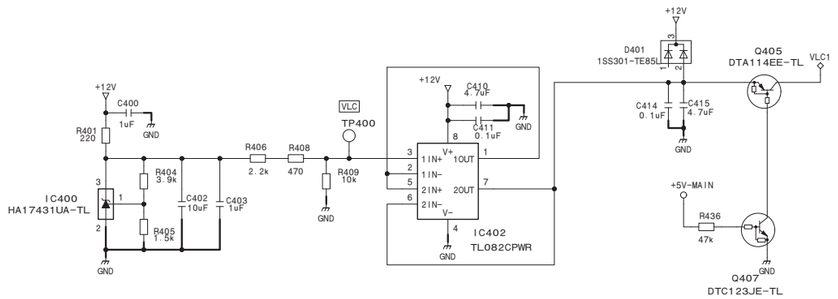
BOARD NO. 1-886-533-13, 23

KY-692_3

**KY-692 (4/11)**



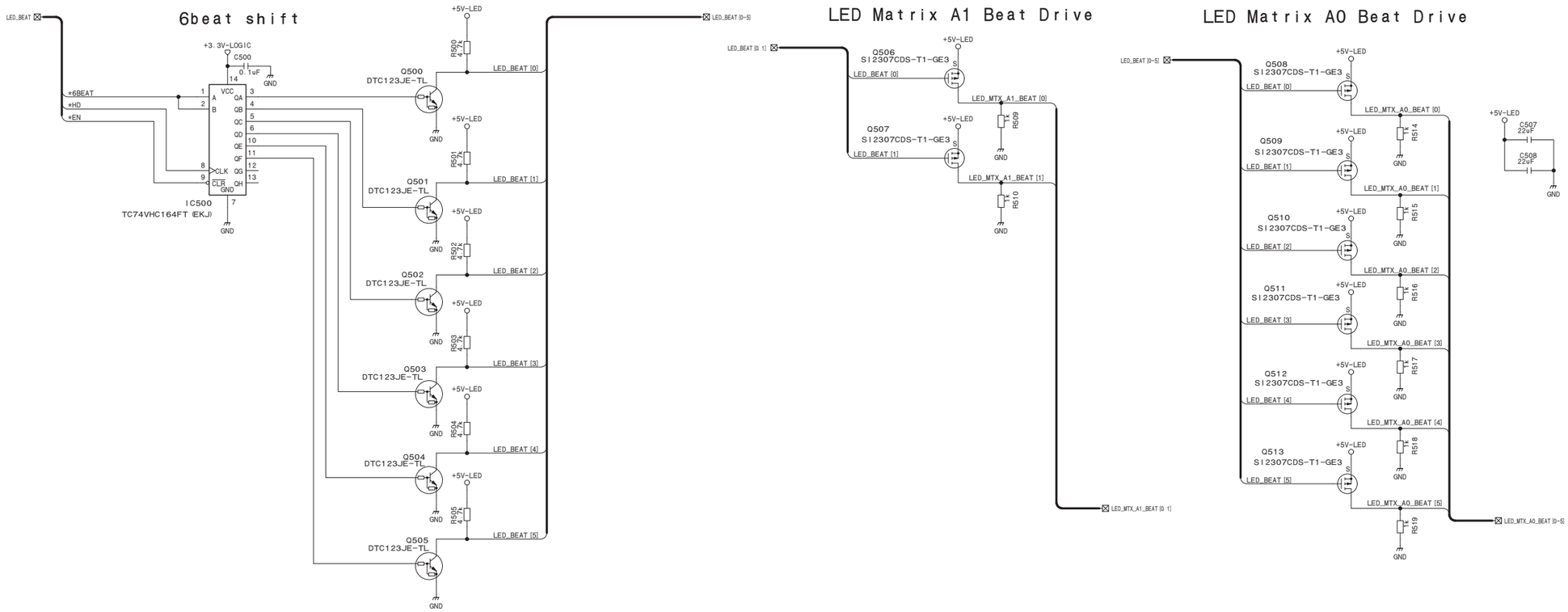



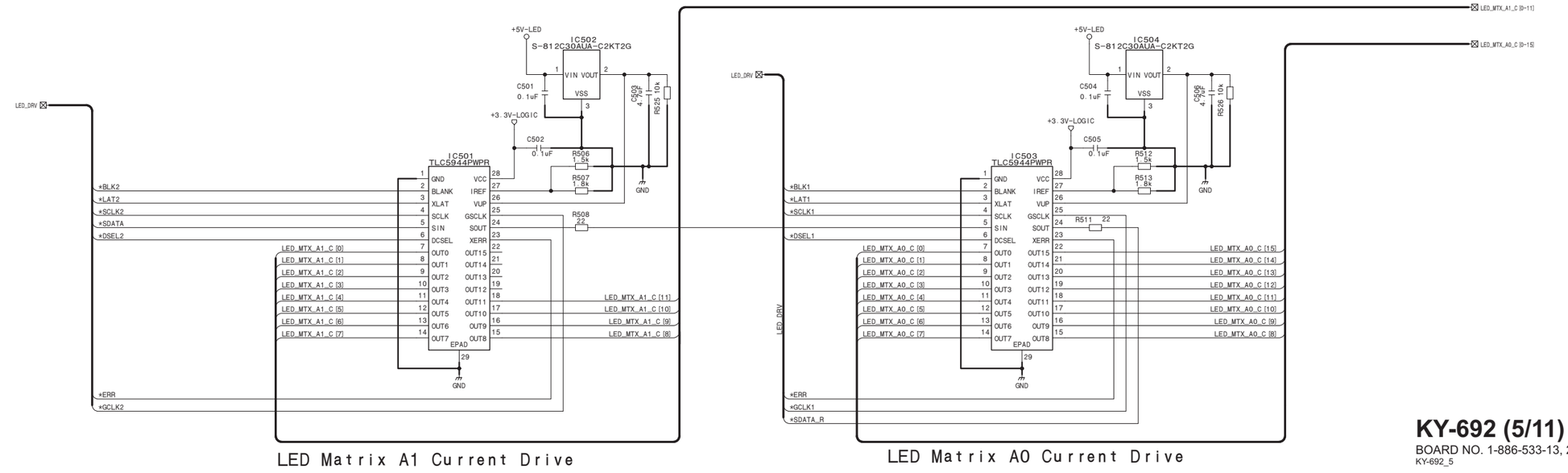

**KY-692 (4/11)**

BOARD NO. 1-886-533-13, 23

KY-692_4

**KY-692 (5/11)**



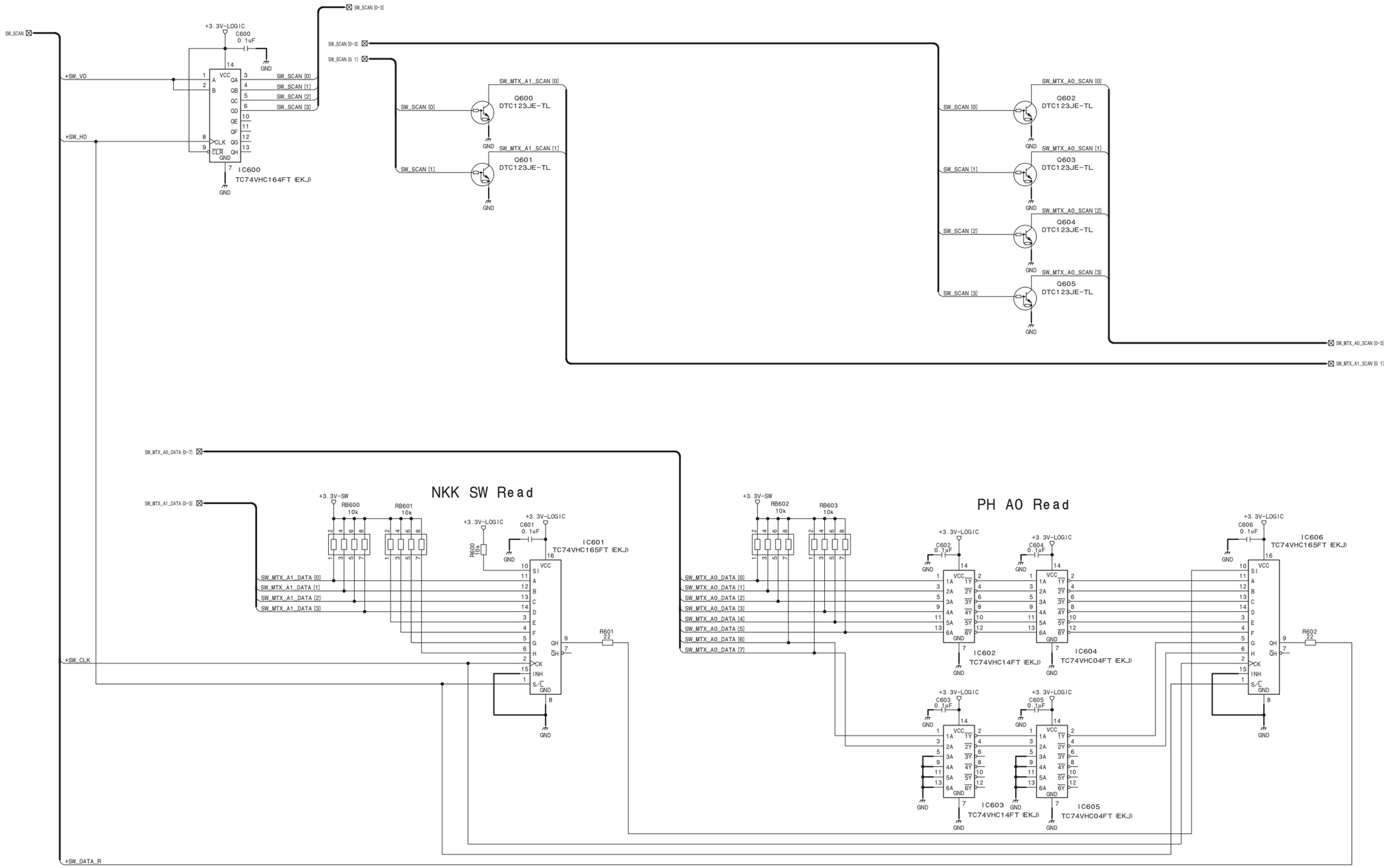




# KY-692 (5/11)

BOARD NO. 1-886-533-13, 23

KY-692_5

# KY-692 (6/11)

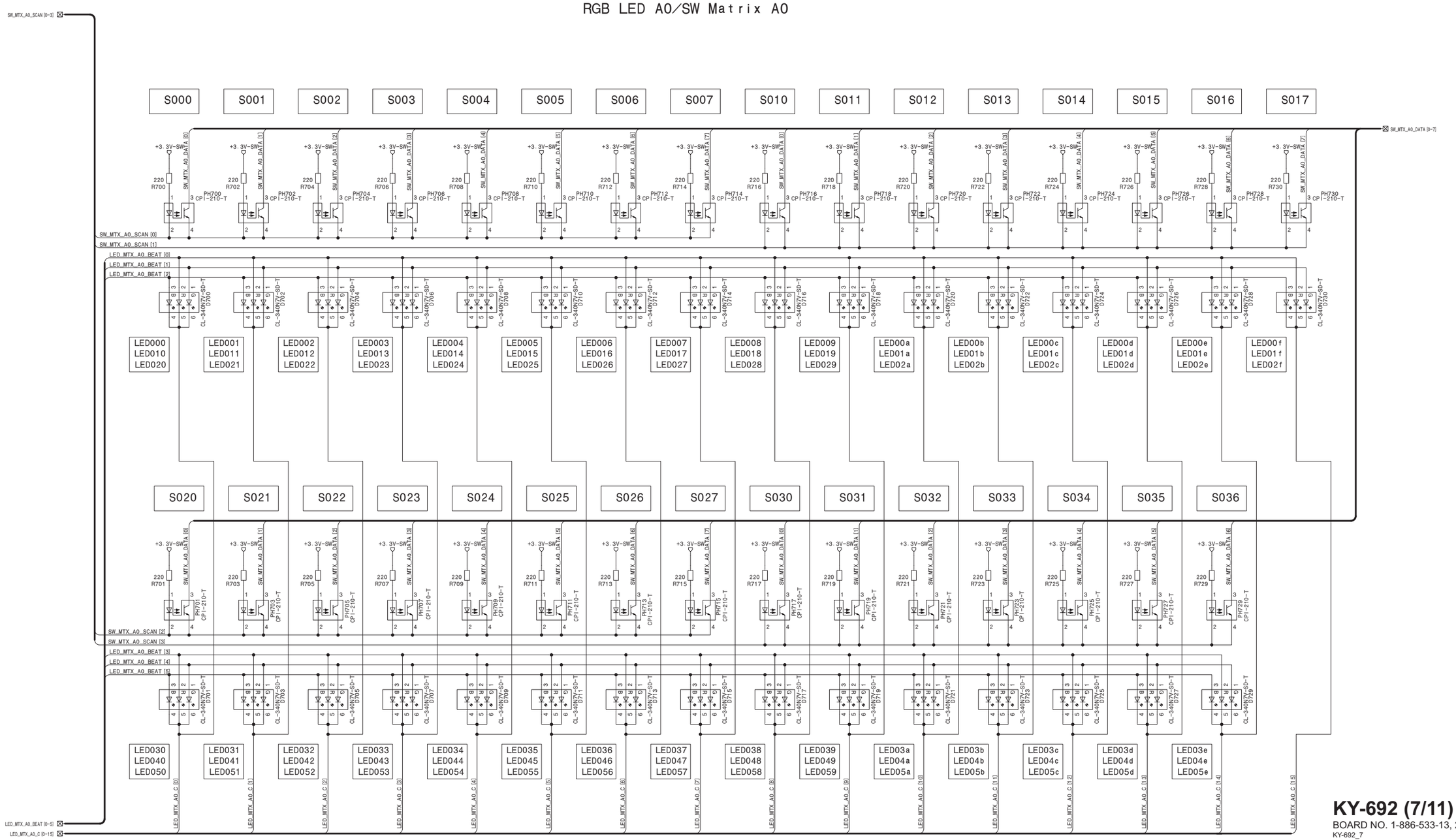



**KY-692 (6/11)**

BOARD NO. 1-886-533-13, 23

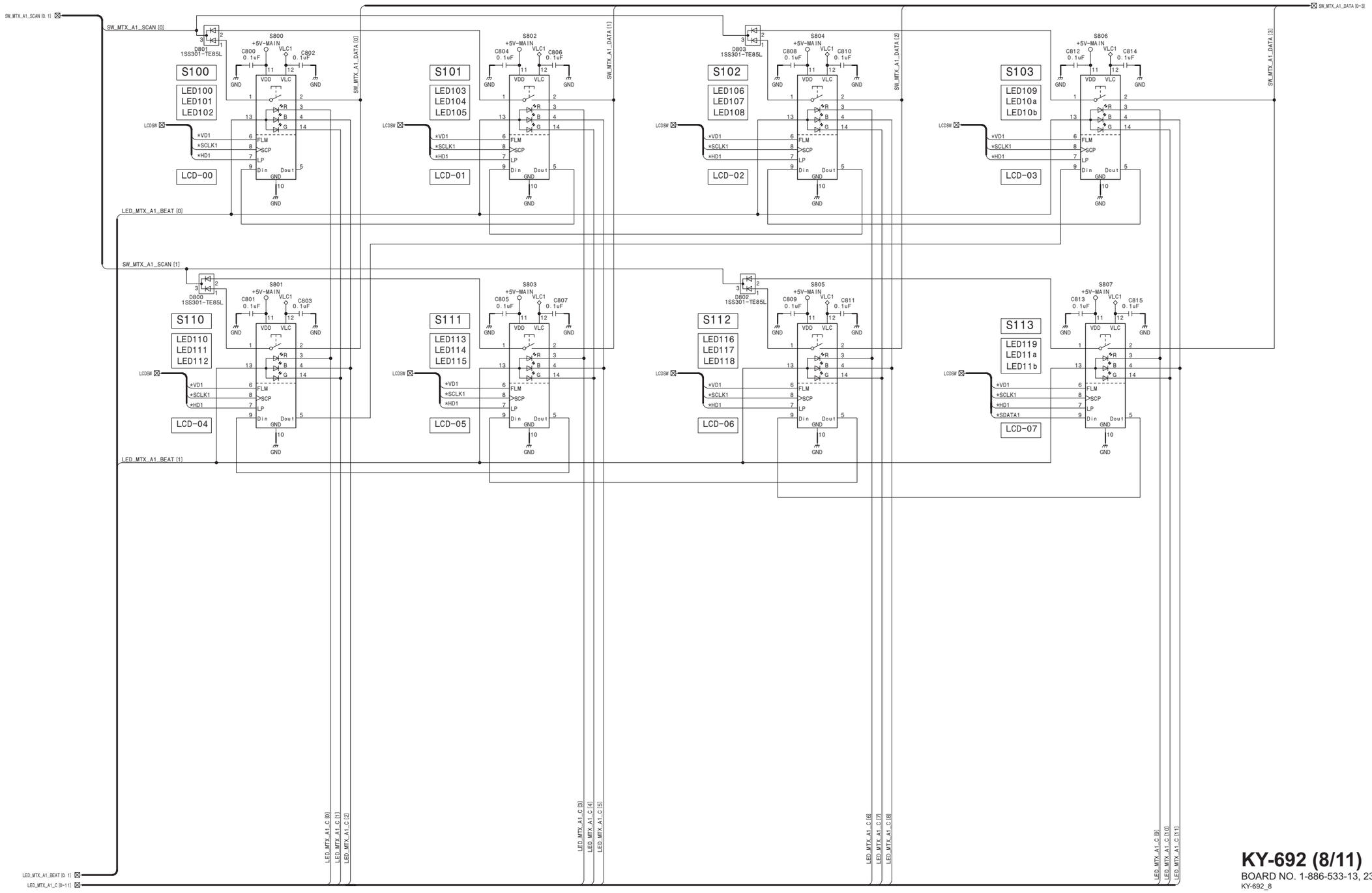
KY-692_6

## RGB LED A0/SW Matrix A0

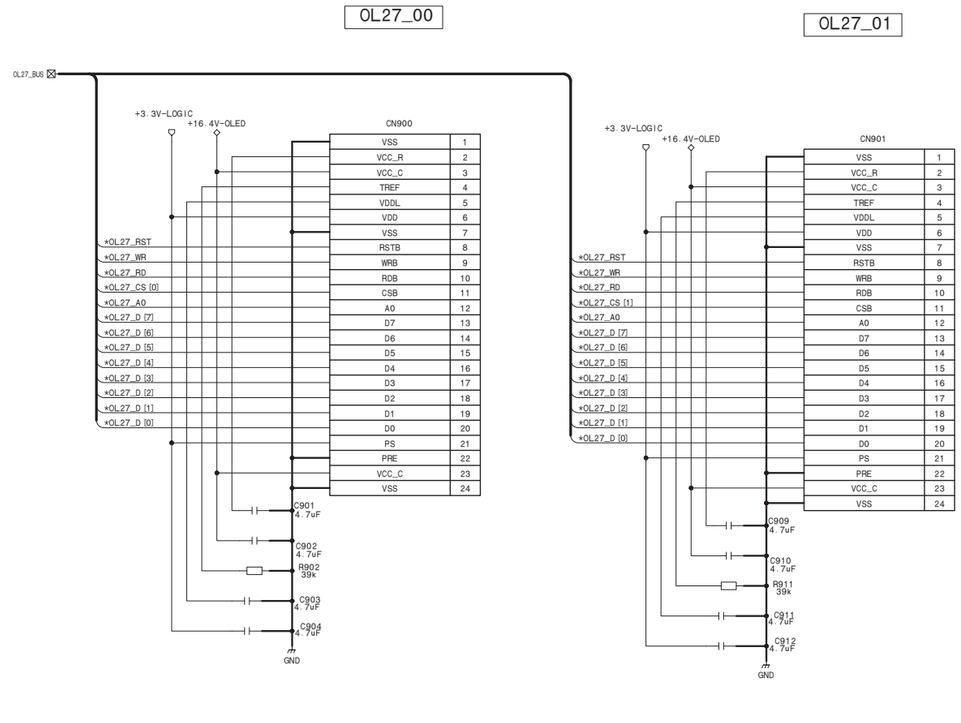


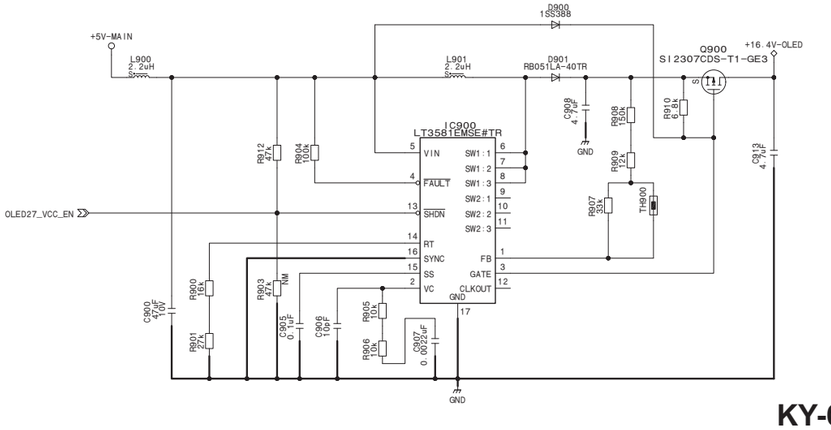

**KY-692 (7/11)**
BOARD NO. 1-886-533-13, 23
KY-692_7

## KY-692 (8/11)




**KY-692 (8/11)**
BOARD NO. 1-886-533-13, 23
KY-692_8



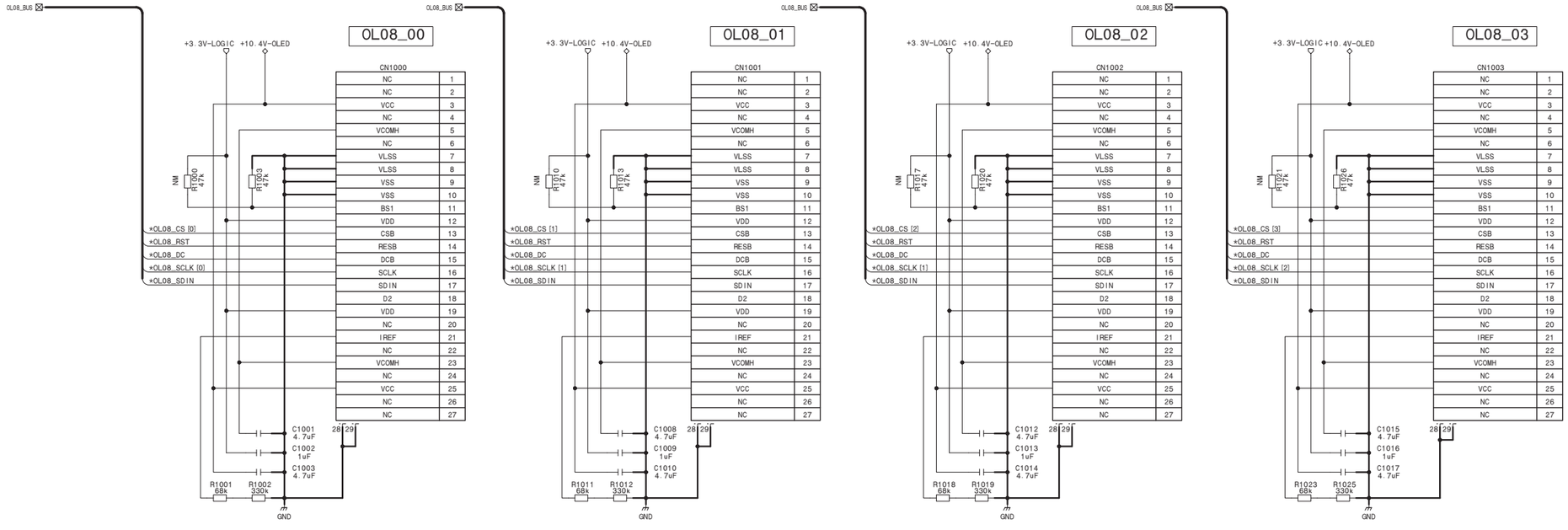



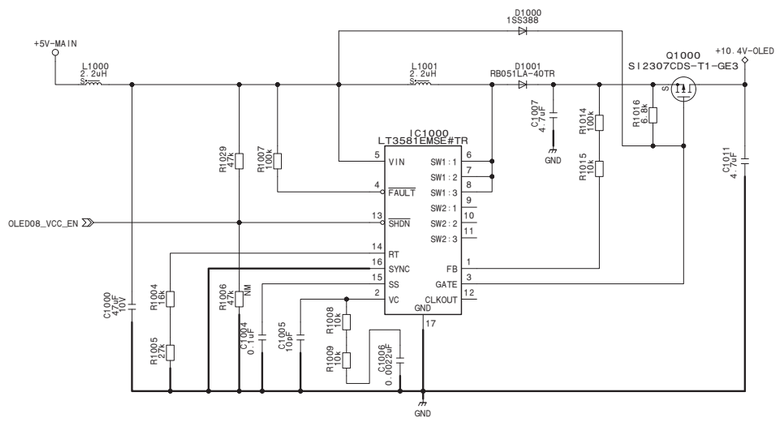

# KY-692 (9/11)

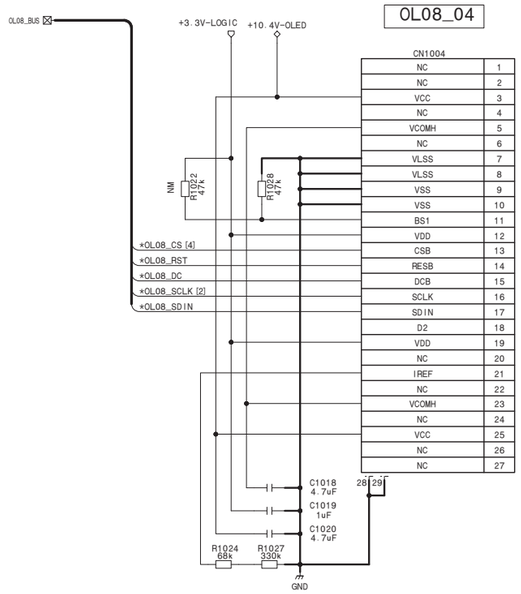
BOARD NO. 1-886-533-13, 23

KY-692_9

# KY-692 (10/11)



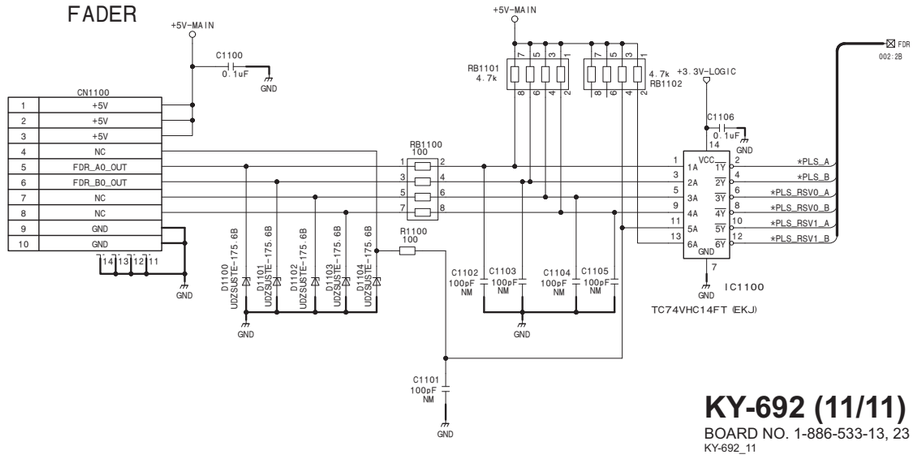




## KY-692 (10/11)

BOARD NO. 1-886-533-13, 23

KY-692_10

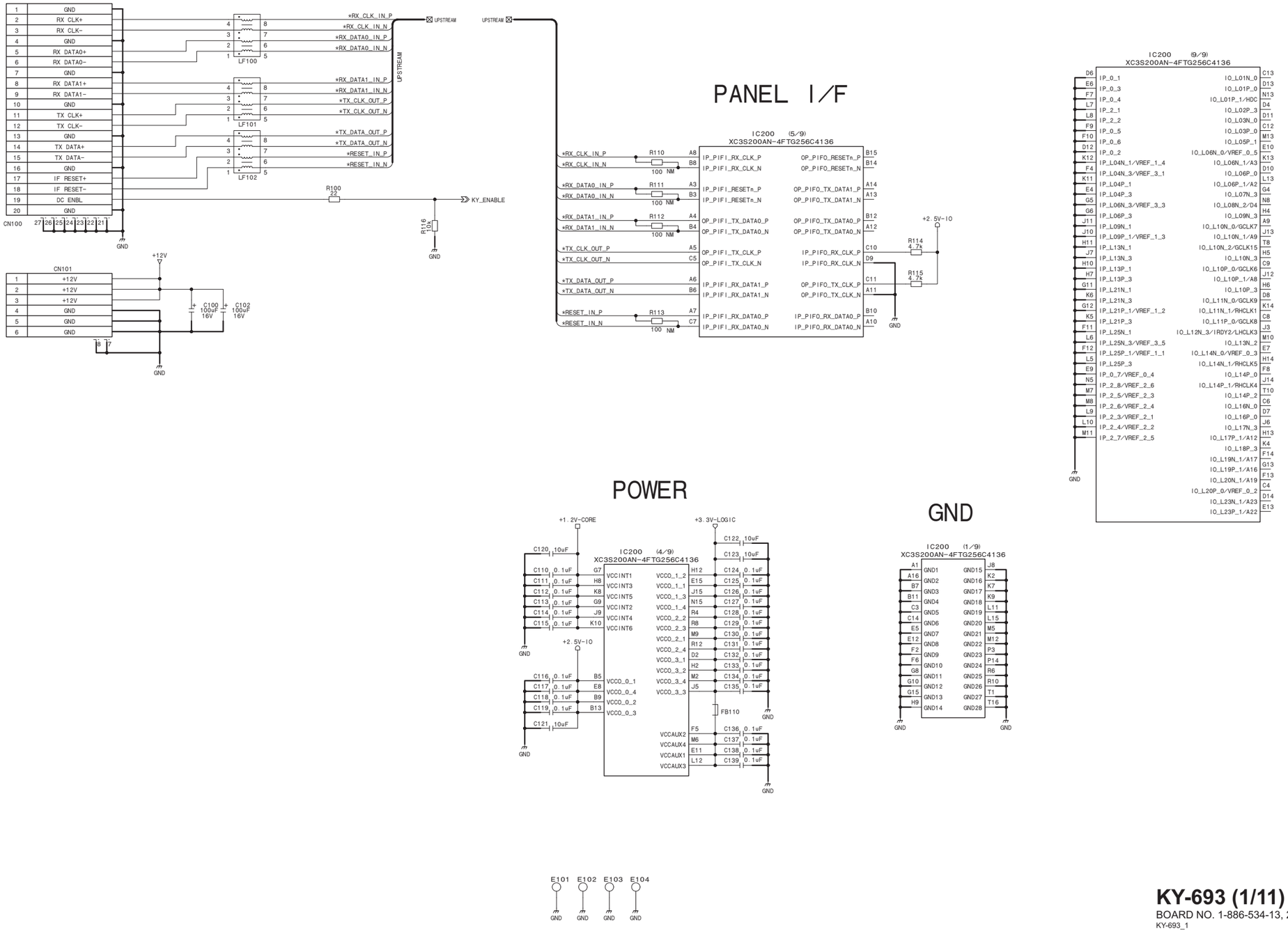
## KY-692 (11/11)



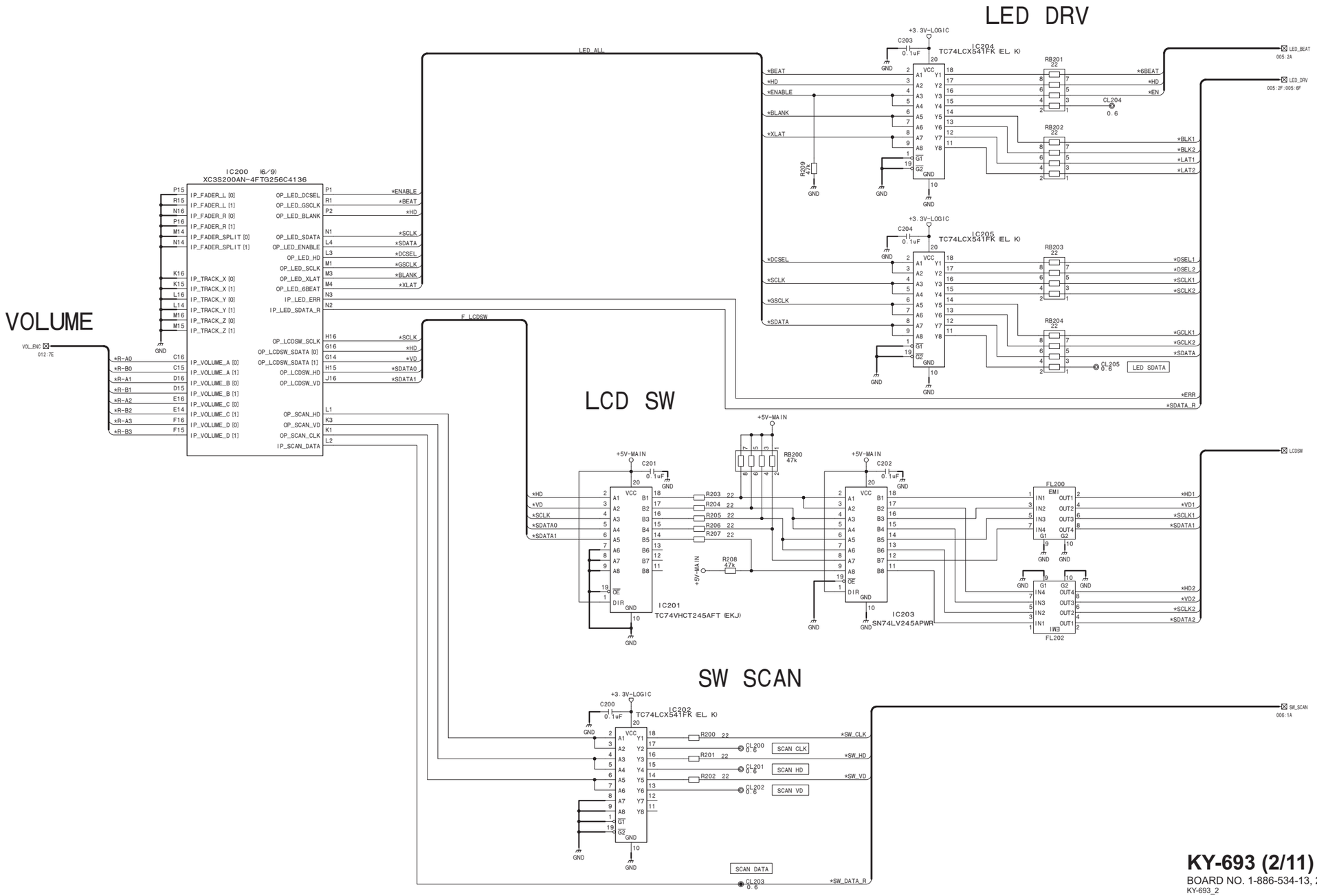

# KY-692 (11/11)

BOARD NO. 1-886-533-13, 23

KY-692_11



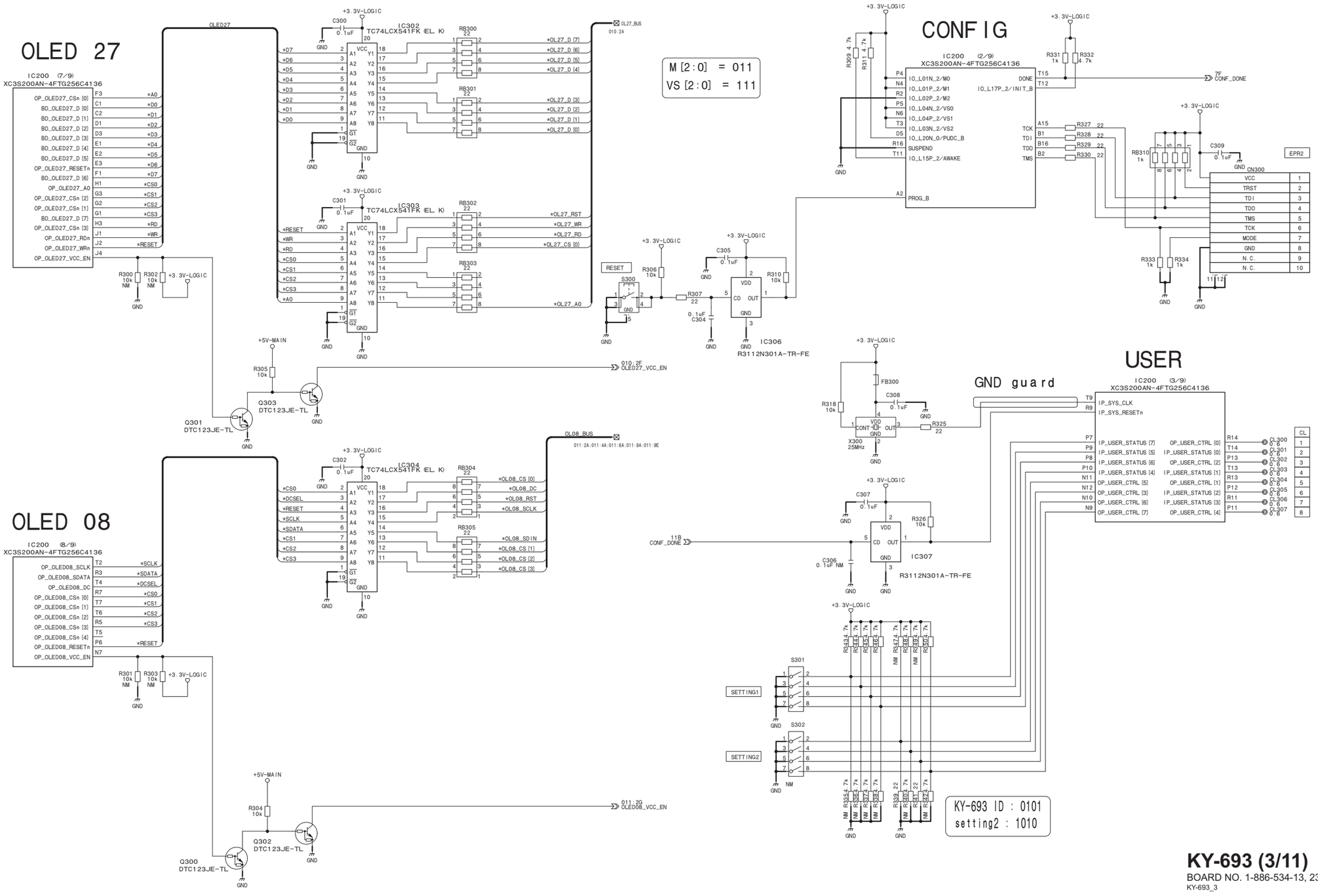

**KY-693 (1/11)**
BOARD NO. 1-886-534-13, 23
KY-693_1




**KY-693 (2/11)**

BOARD NO. 1-886-534-13, 23

KY-693_2

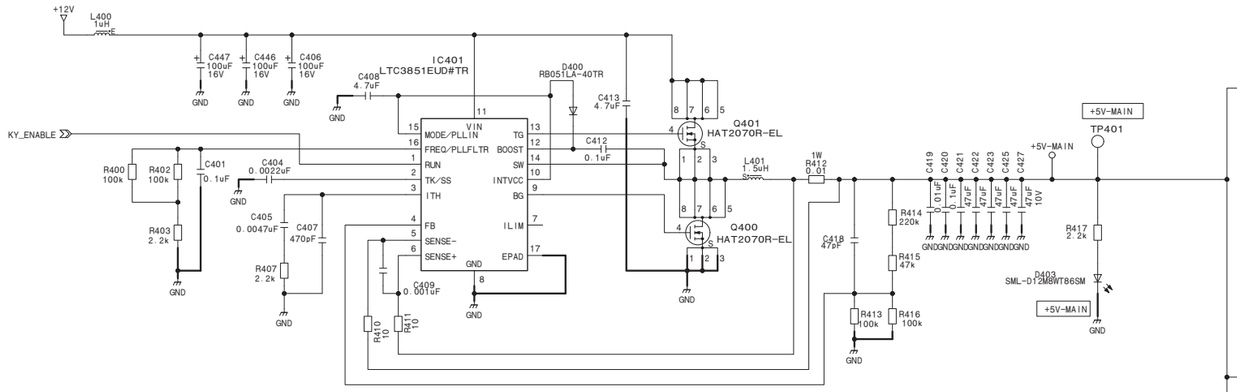



**KY-693 (3/11)**

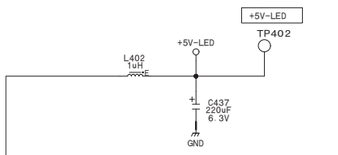
BOARD NO. 1-886-534-13, 23

KY-693_3

**KY-693 (4/11)**



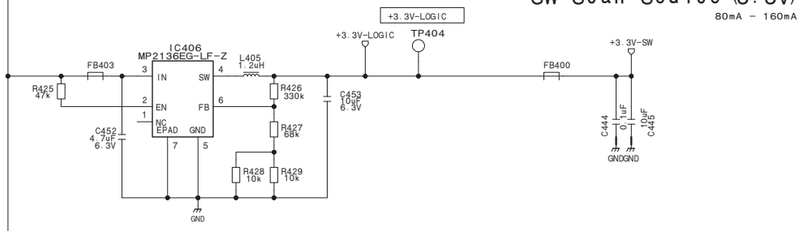

## LED Power Source



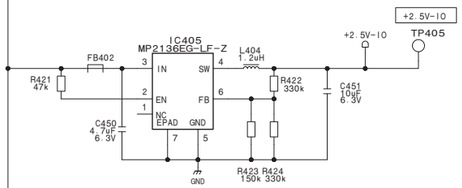

## Logic Source (3.3V)

## SW Scan Source (3.3V)

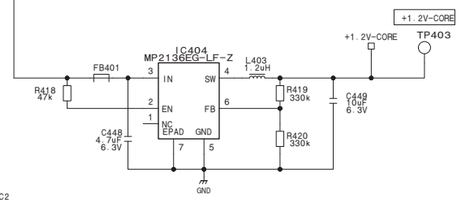
80mA - 160mA

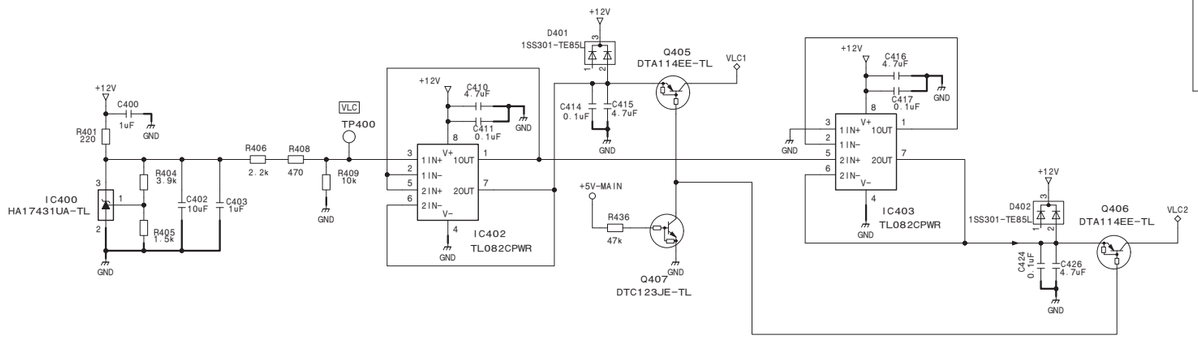



## Logic Source (2.5V)




## FPGA Core Source (1.2V)



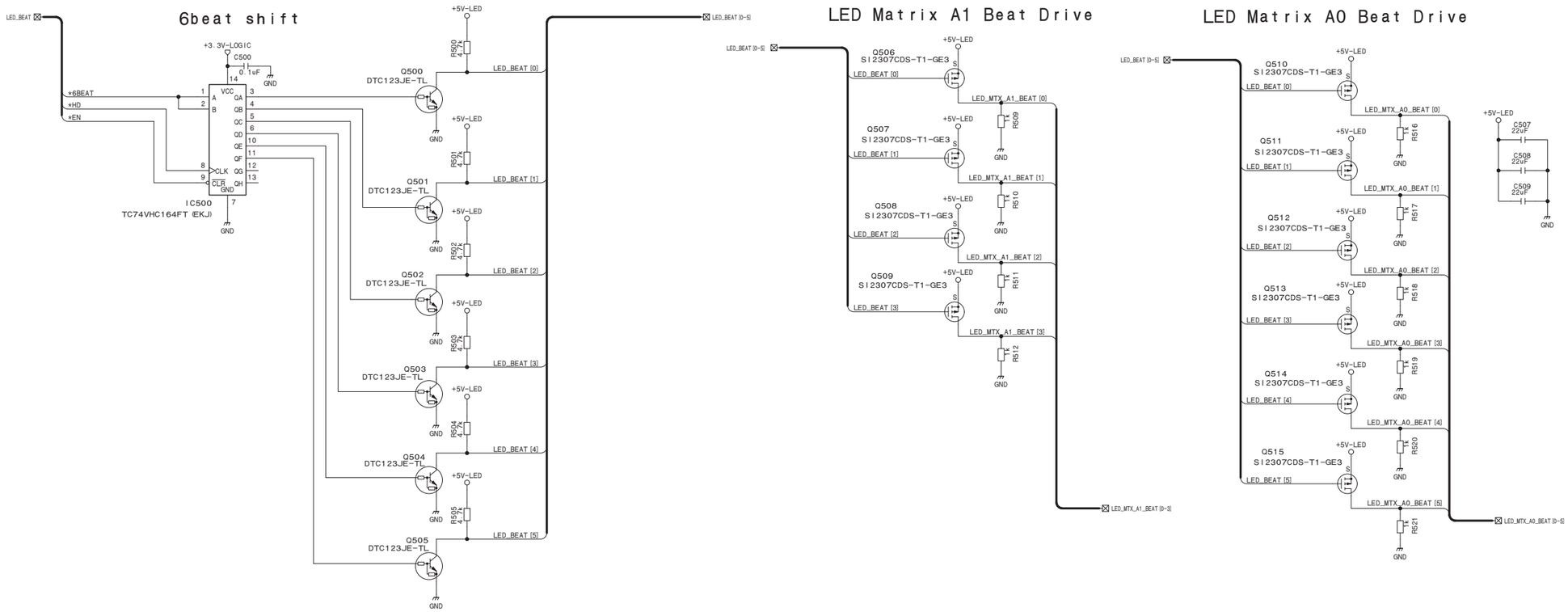



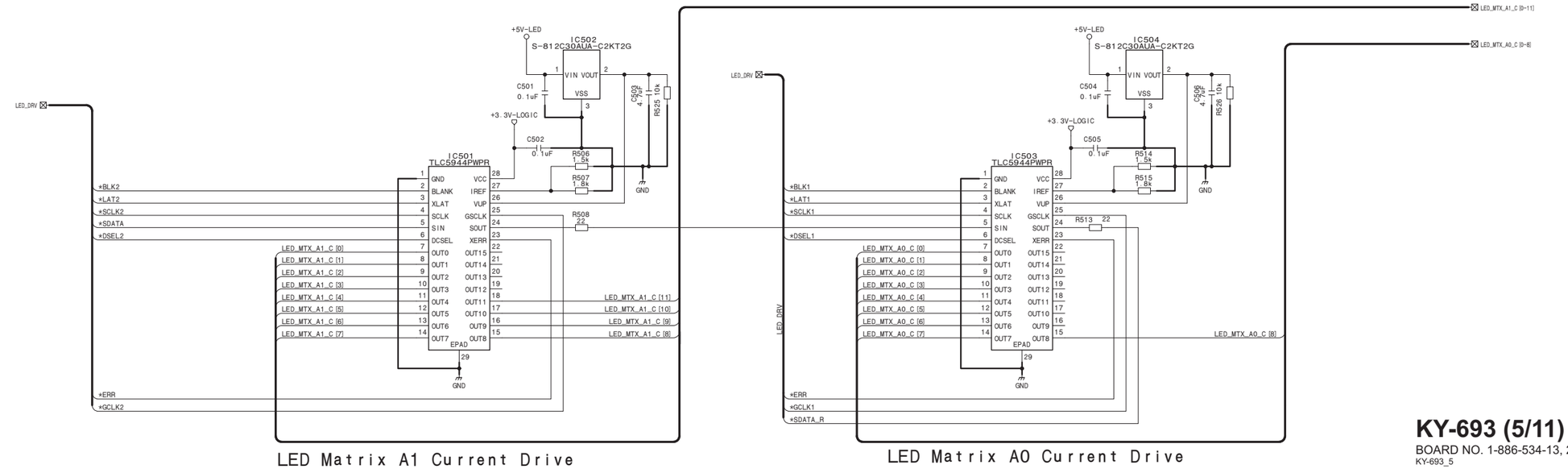

# KY-693 (4/11)

BOARD NO. 1-886-534-13, 23

KY-693_4

**KY-693 (5/11)**



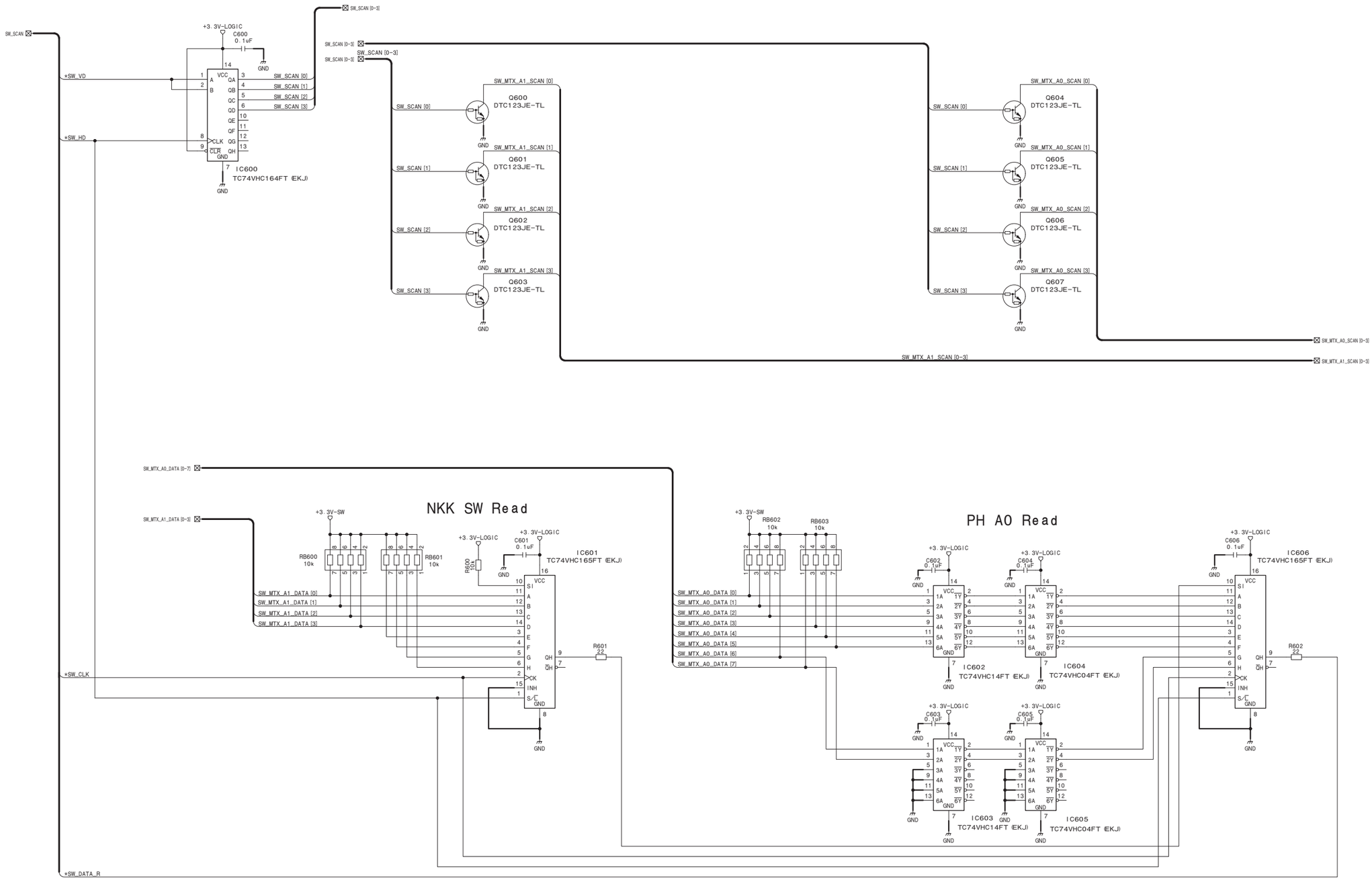




**KY-693 (5/11)**

BOARD NO. 1-886-534-13, 23

KY-693_5

# KY-693 (6/11)

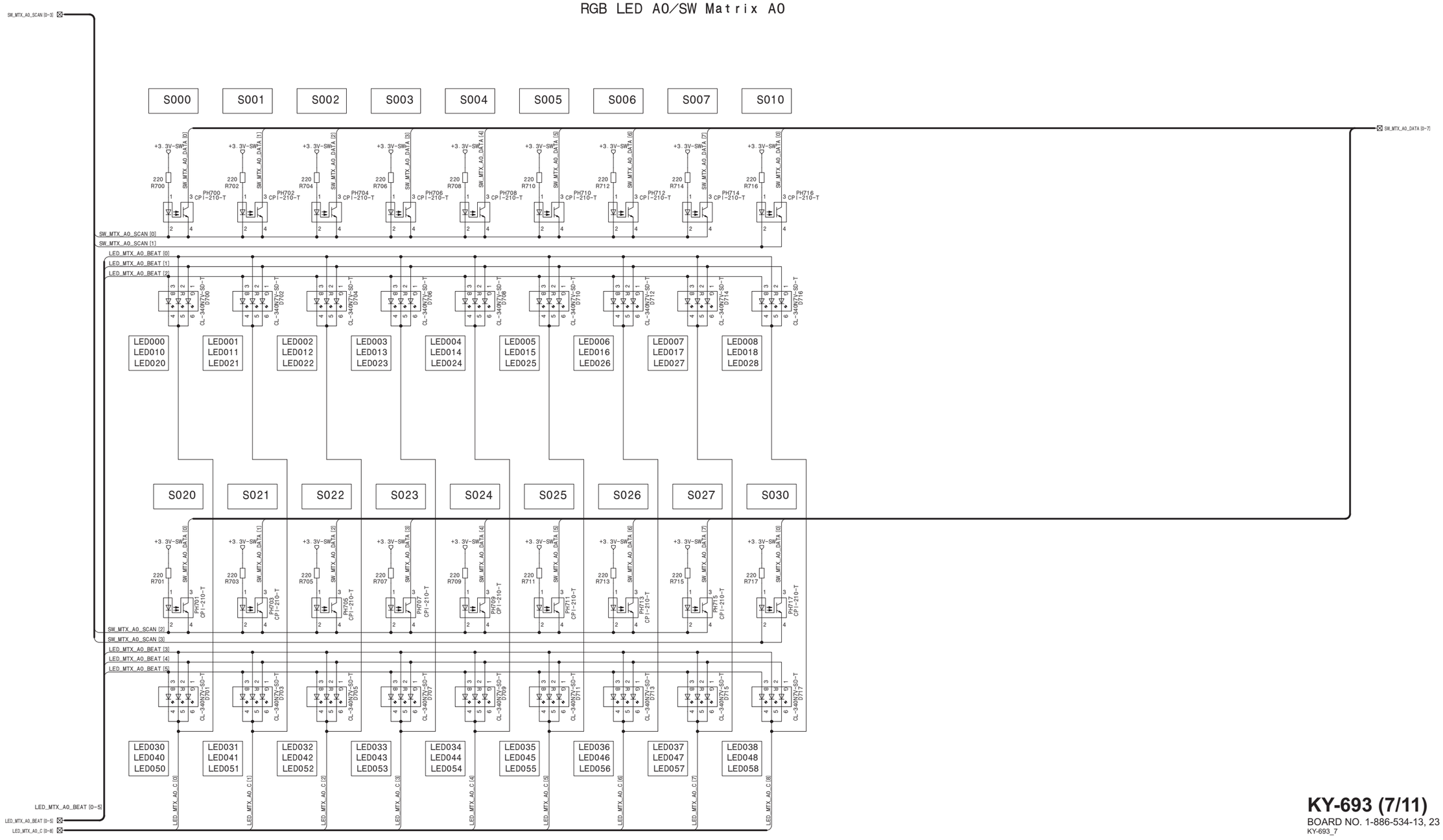



**KY-693 (6/11)**

BOARD NO. 1-886-534-13, 23

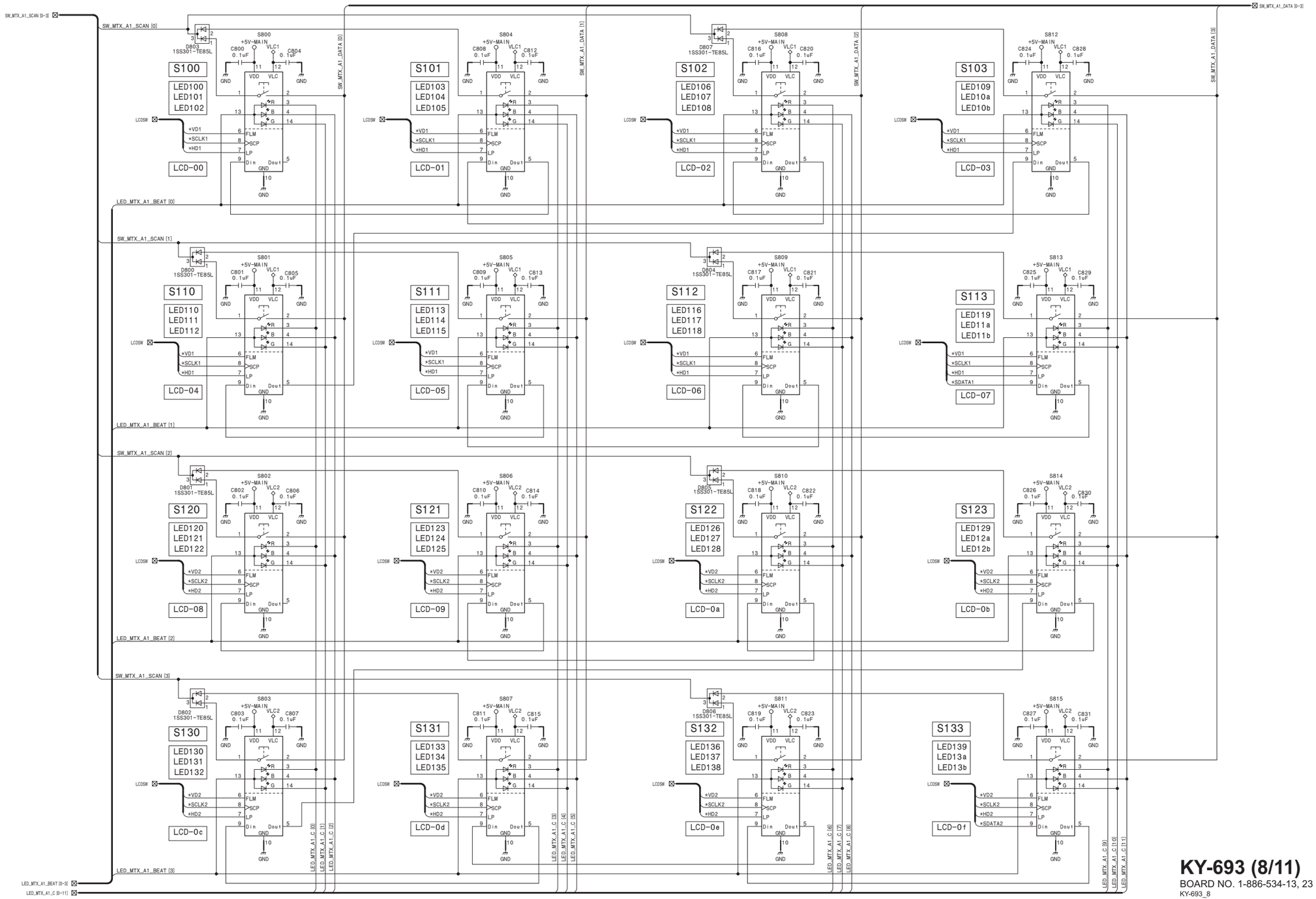
KY-693_6

RGB LED AO/SW Matrix AO




**KY-693 (7/11)**
BOARD NO. 1-886-534-13, 23
KY-693_7

## KY-693 (8/11)

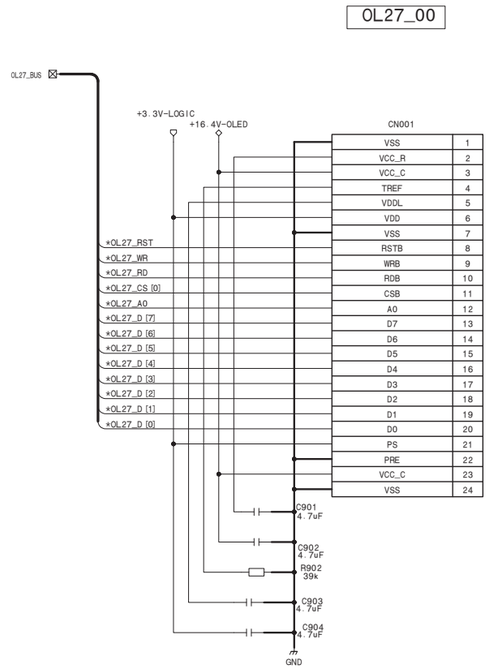


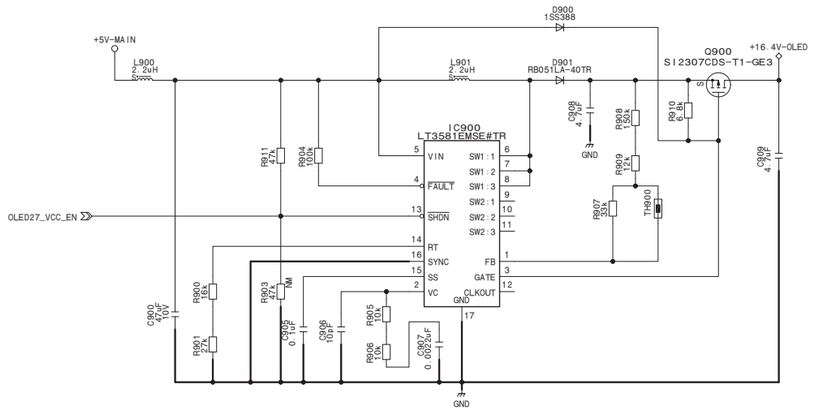

**KY-693 (8/11)**

BOARD NO. 1-886-534-13, 23

KY-693_8

# KY-693 (9/11)



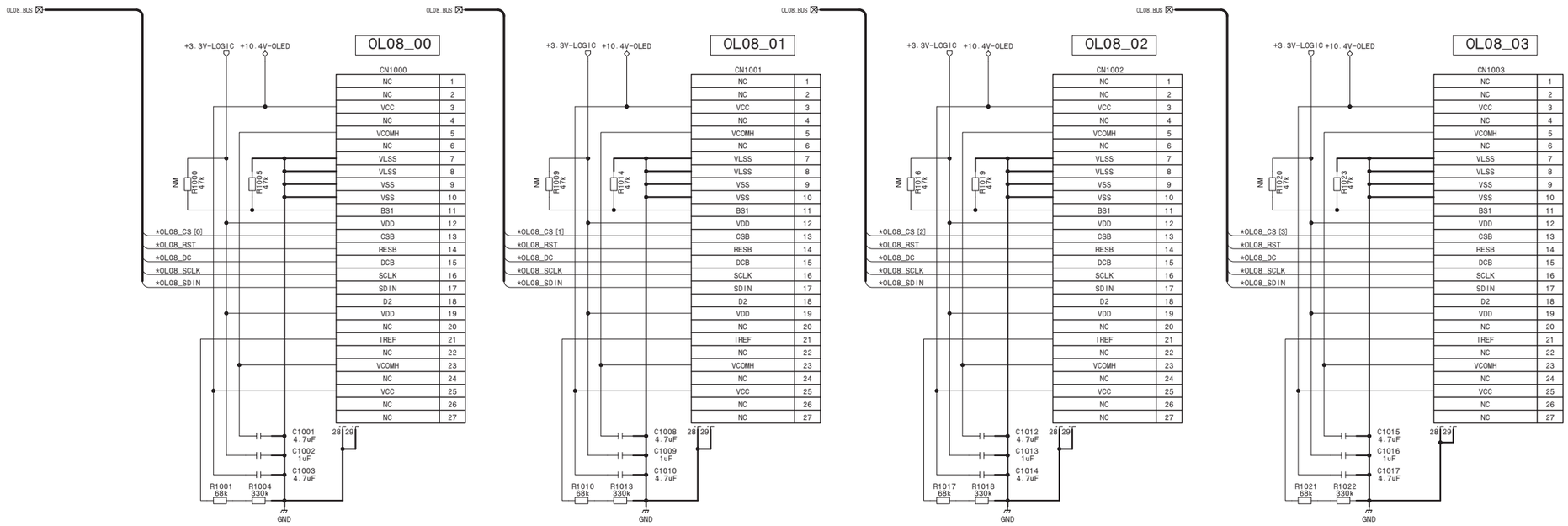



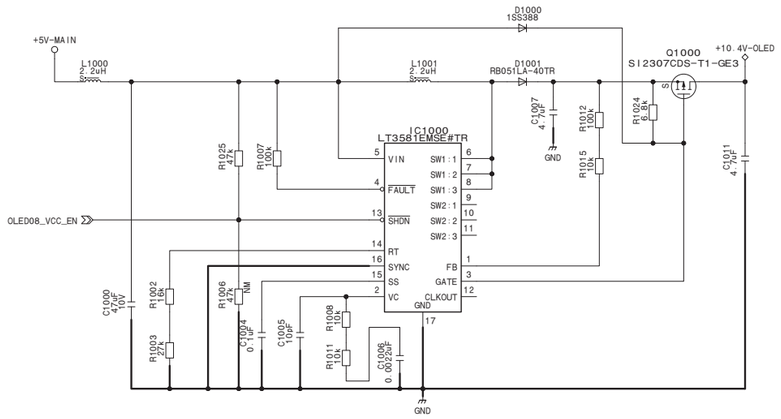

## KY-693 (9/11)

BOARD NO. 1-886-534-13, 23

KY-693_9

## KY-693 (10/11)



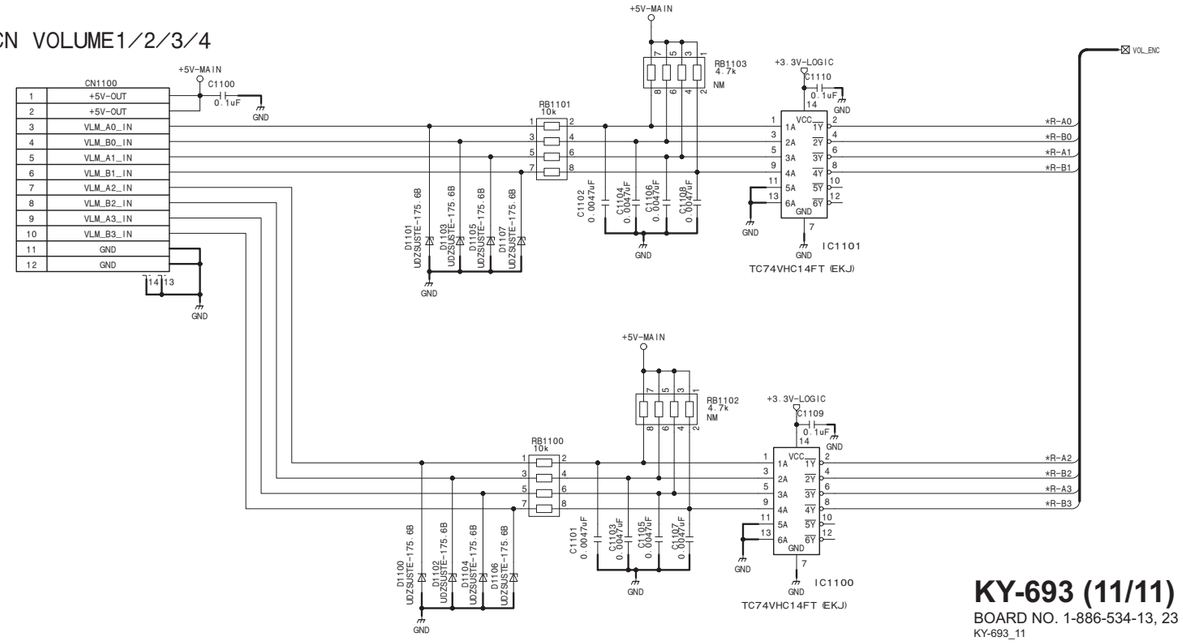




# KY-693 (10/11)

BOARD NO. 1-886-534-13, 23

KY-693_10

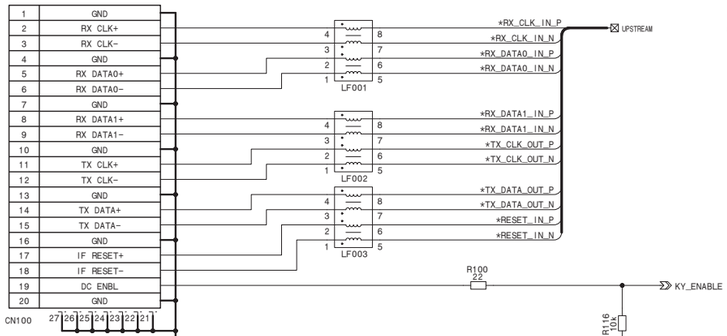
ECN VOLUME1/2/3/4

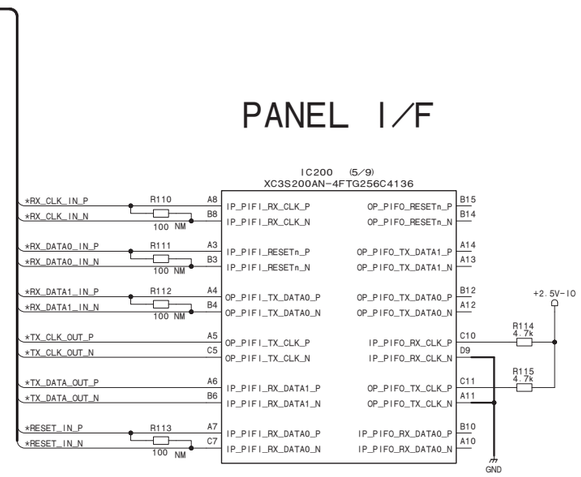


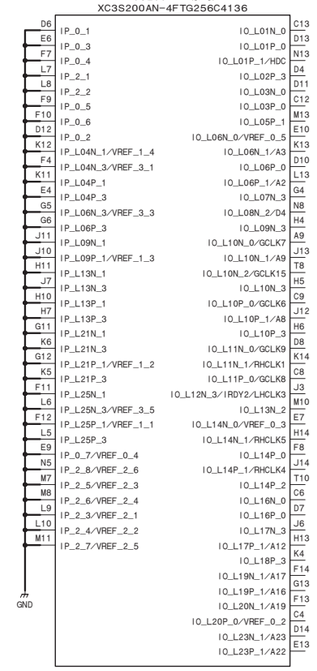

# KY-693 (11/11)

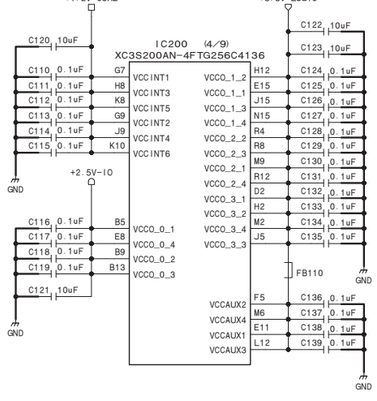
BOARD NO. 1-886-534-13, 23

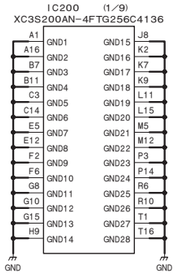
KY-693_11



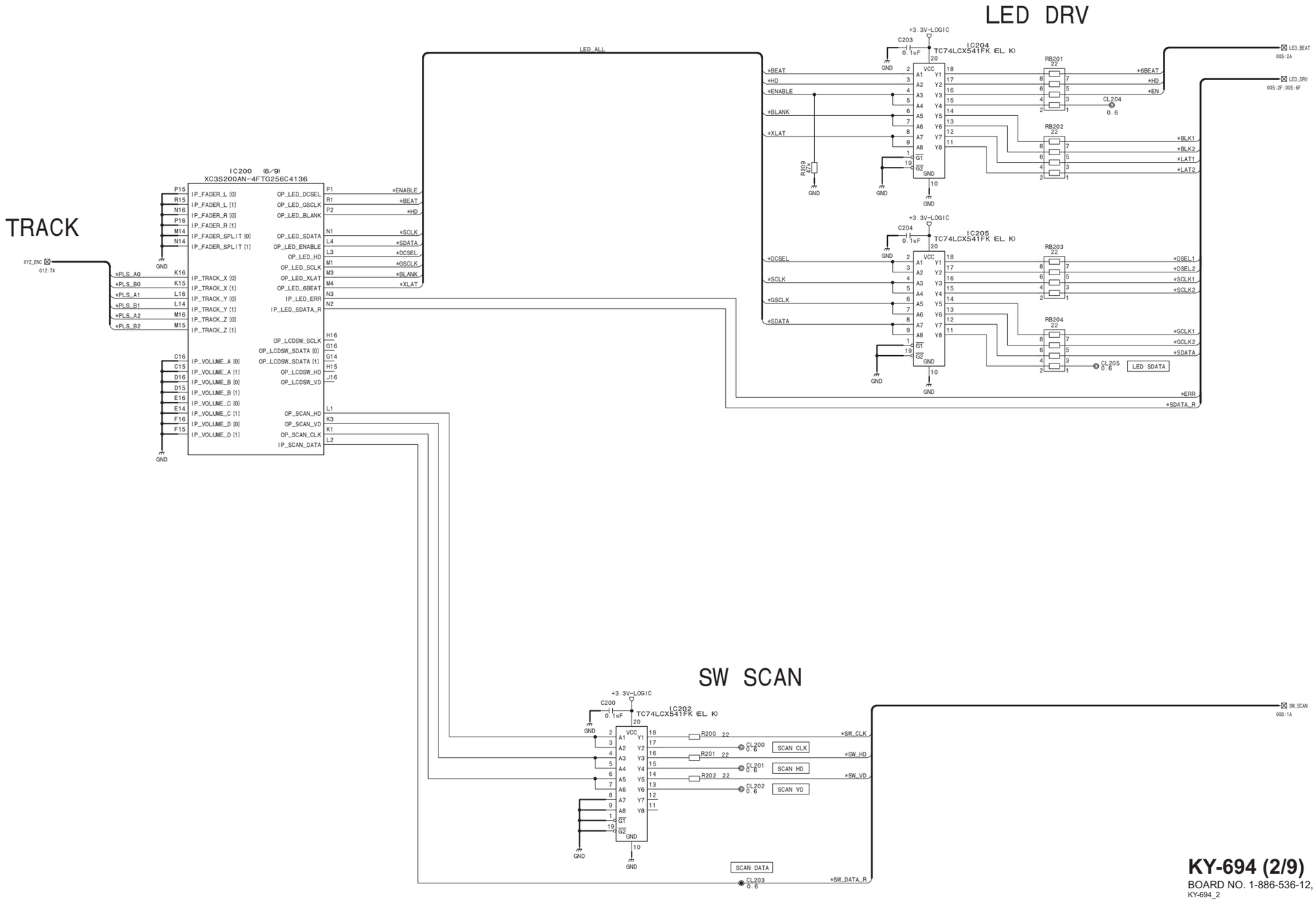



**KY-694 (1/9)**
BOARD NO. 1-886-536-12, 22
KY-694_1

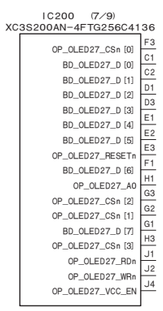



## KY-694 (2/9)

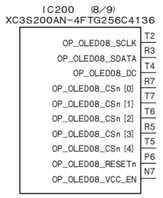
BOARD NO. 1-886-536-12, 22

KY-694_2

## OLED 27

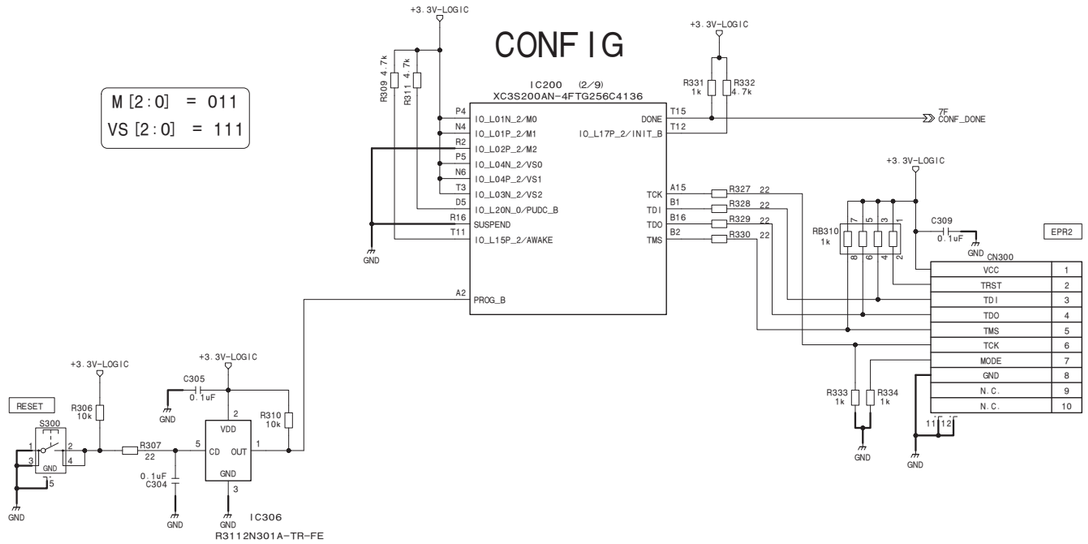



## OLED 08

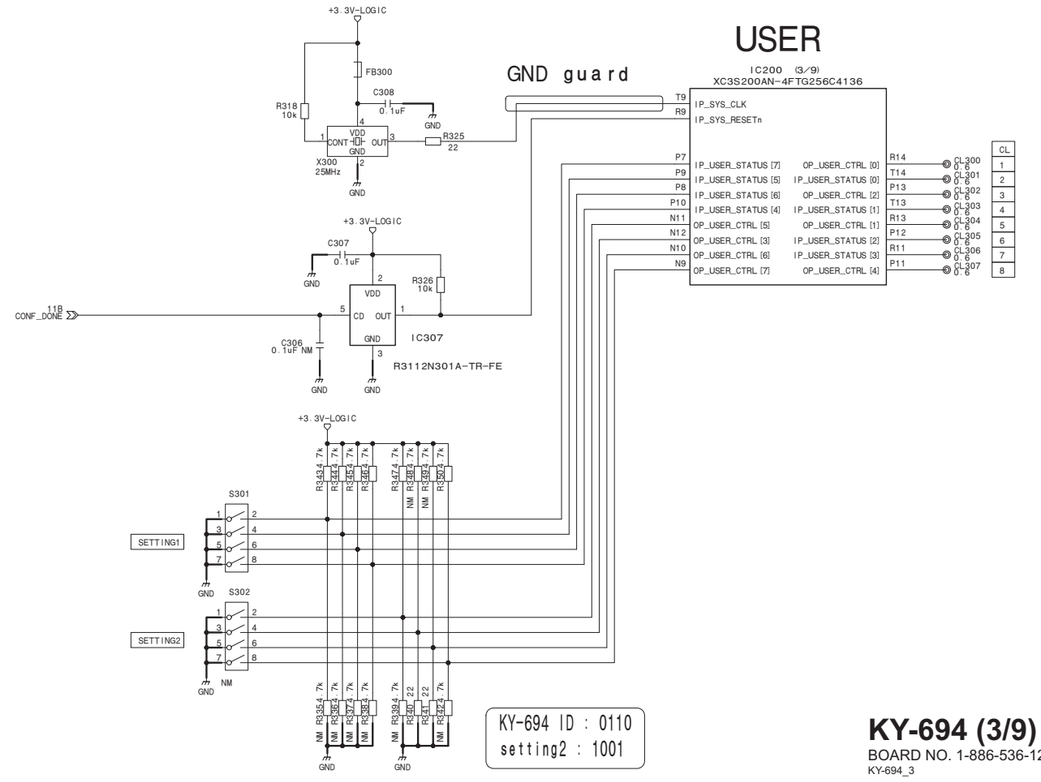



## CONFIG

M [2:0] = 011
VS [2:0] = 111

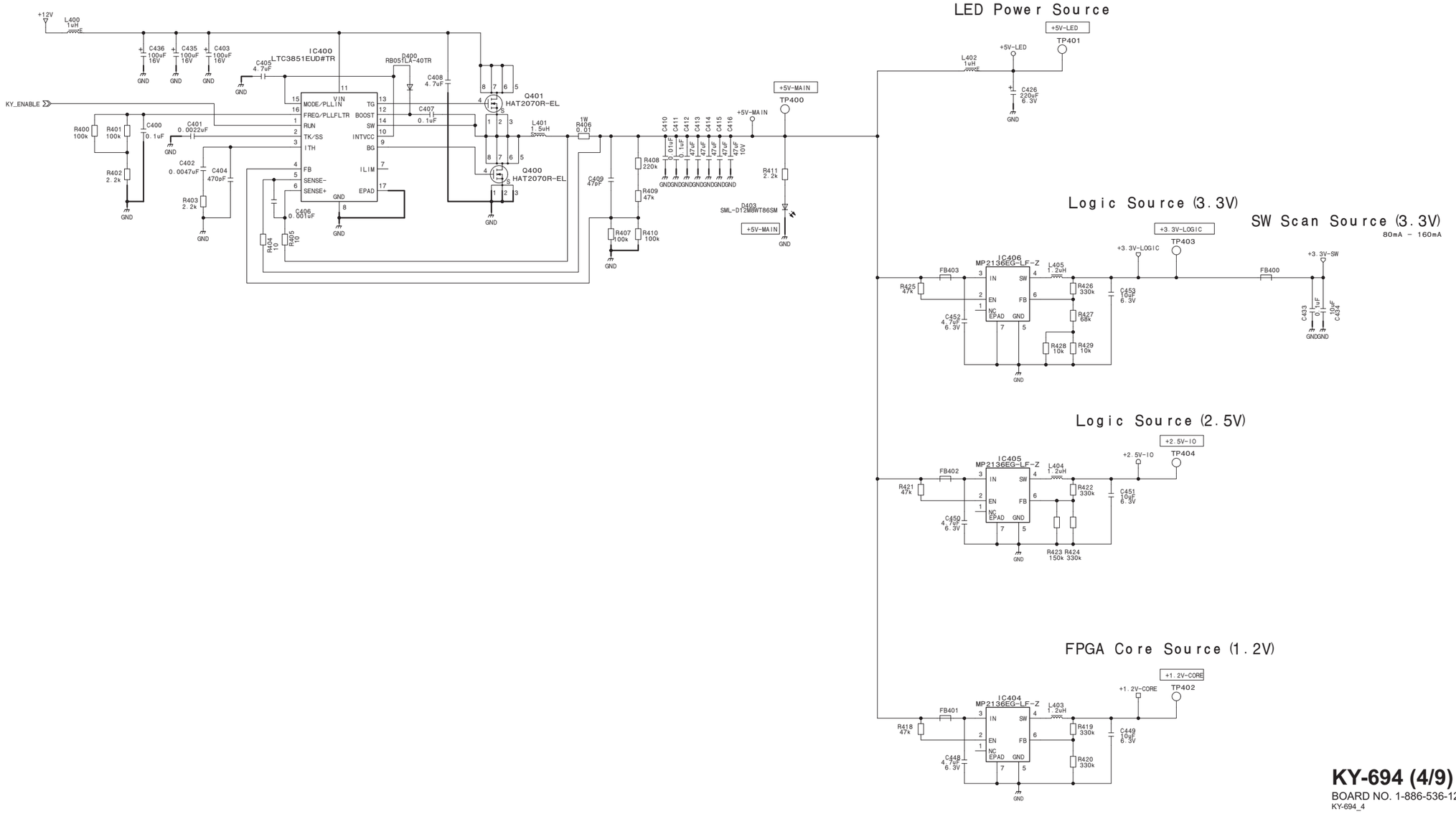



## USER




KY-694 ID : 0110
setting2 : 1001

**KY-694 (3/9)**
BOARD NO. 1-886-536-12, 22
KY-694_3

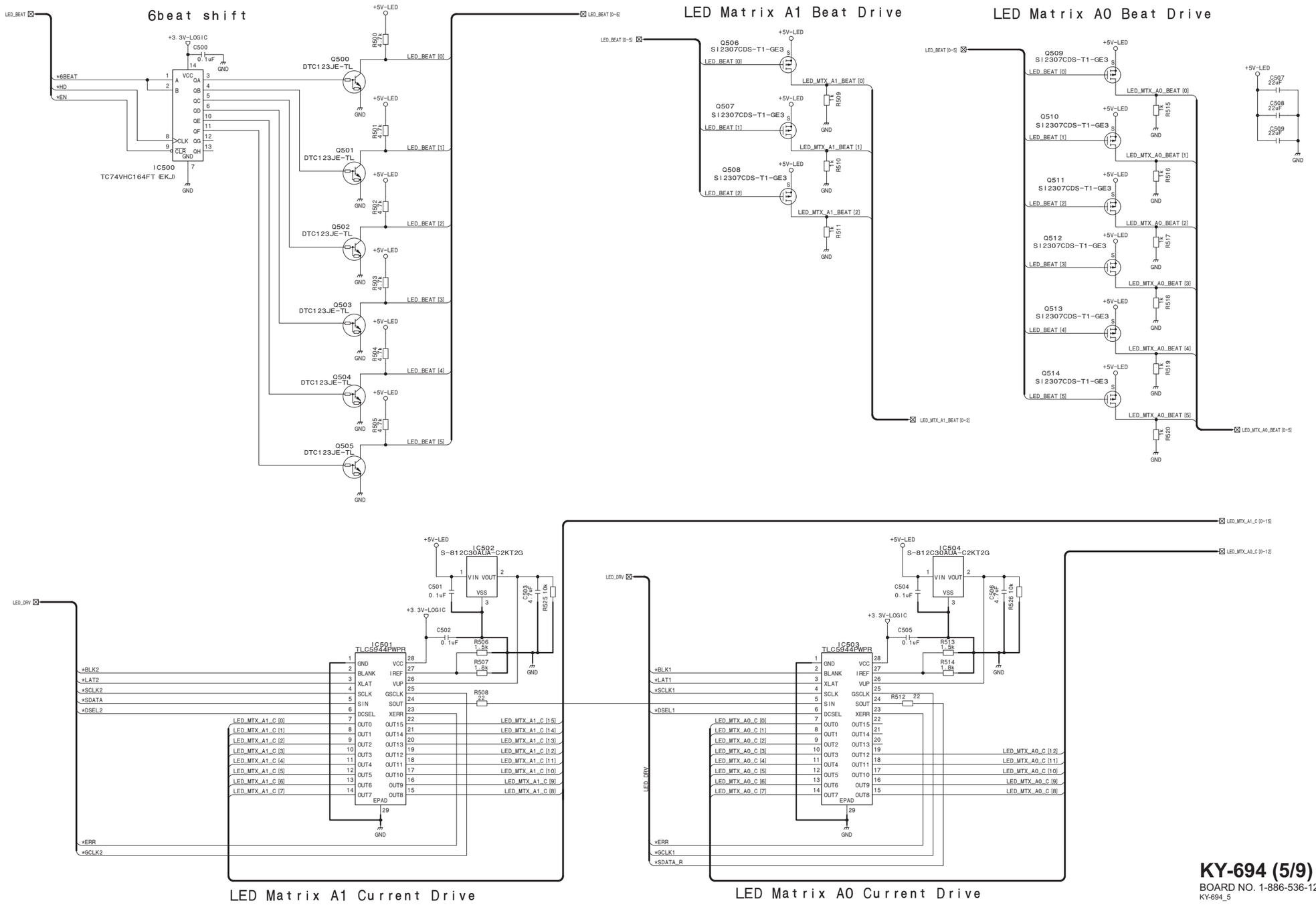



# KY-694 (4/9)

BOARD NO. 1-886-536-12, 22

KY-694_4

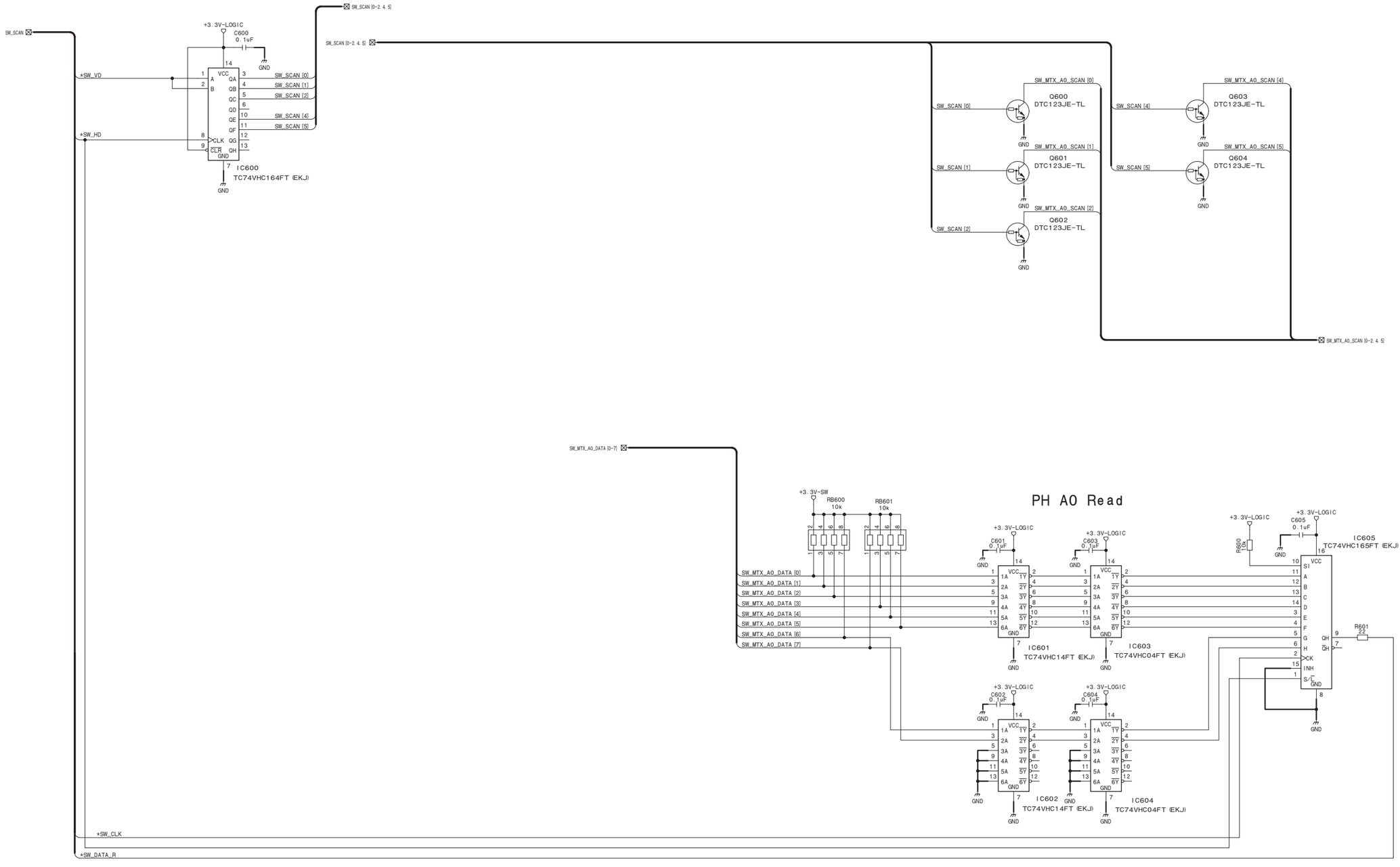
**KY-694 (5/9)**




**KY-694 (5/9)**

BOARD NO. 1-886-536-12, 22

KY-694_5

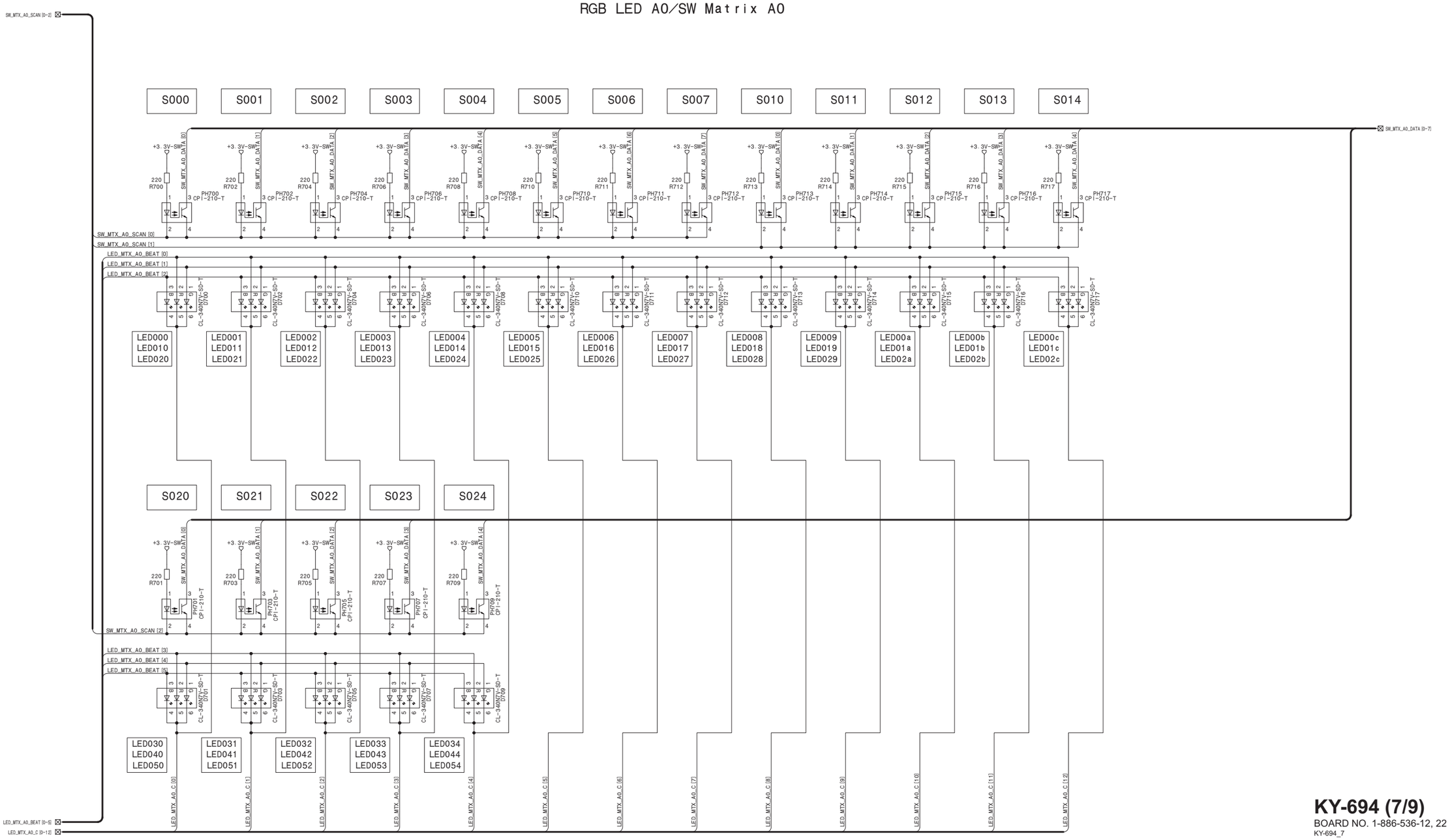



# KY-694 (6/9)

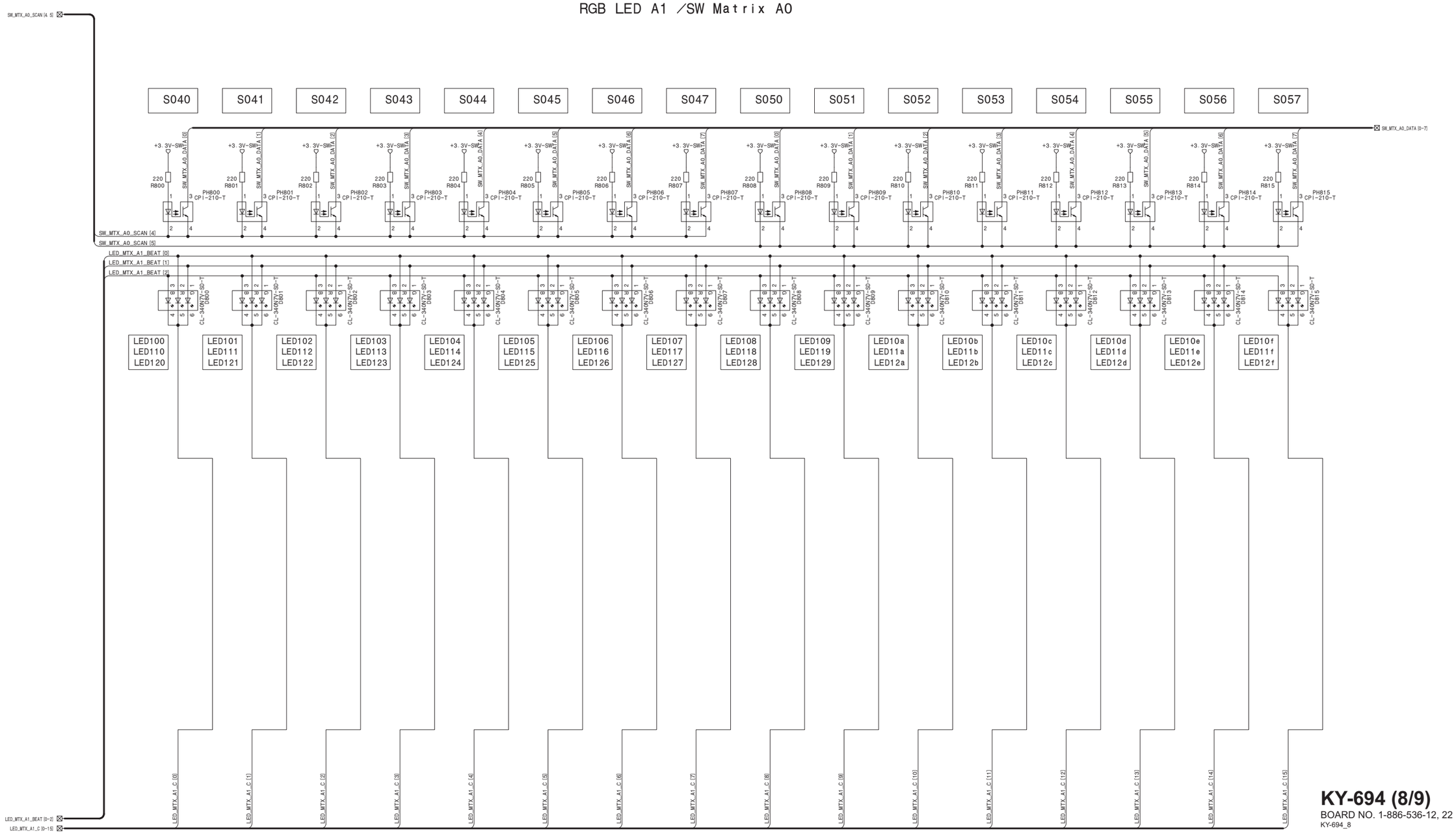
BOARD NO. 1-886-536-12, 22

KY-694_6

## RGB LED AO/SW Matrix AO

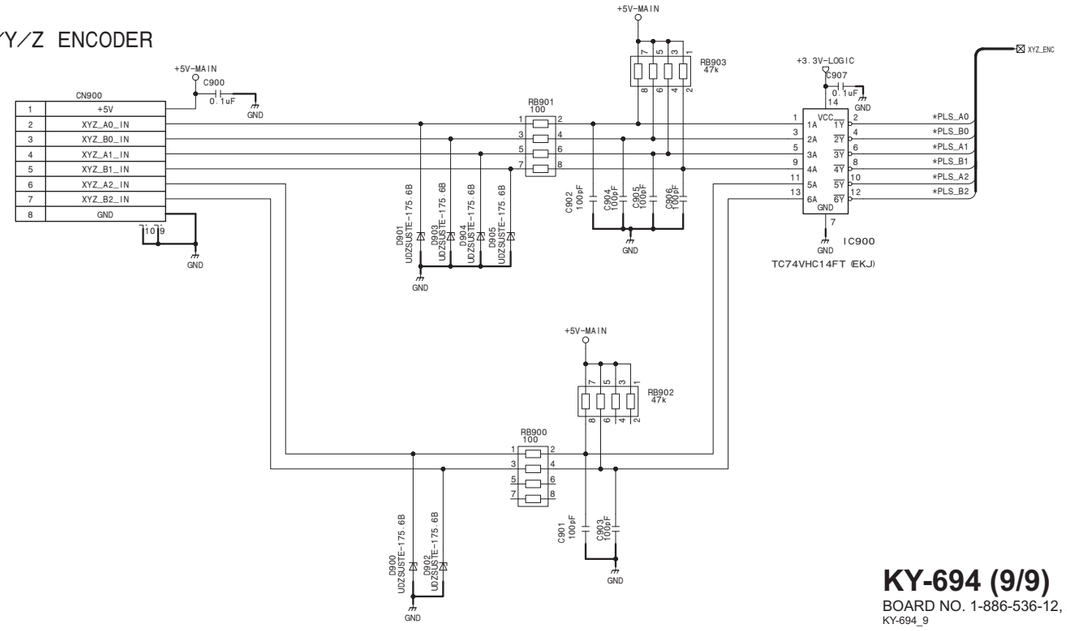



**KY-694 (7/9)**
BOARD NO. 1-886-536-12, 22
KY-694_7




**KY-694 (8/9)**
BOARD NO. 1-886-536-12, 22
KY-694_8

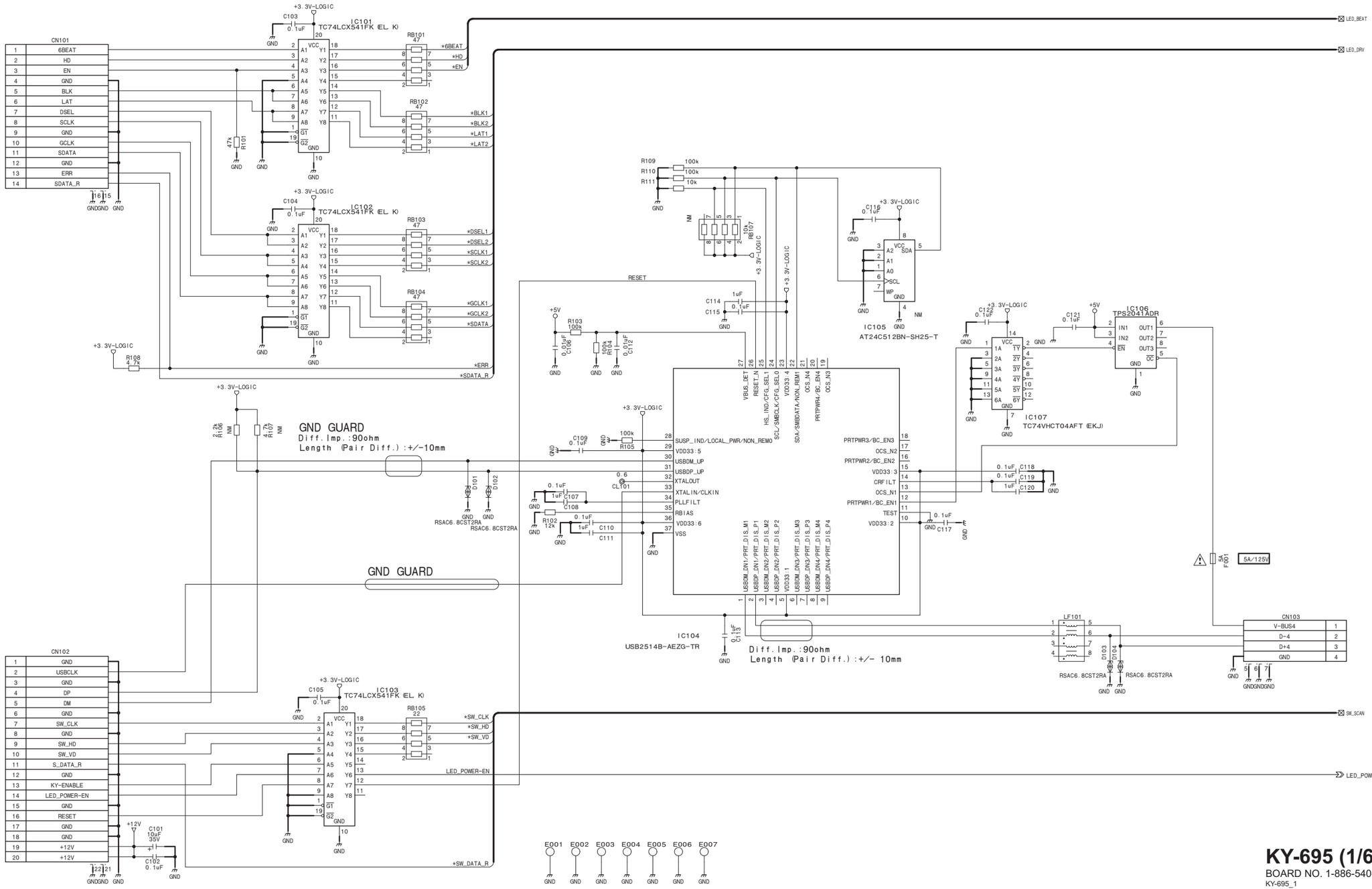
X/Y/Z ENCODER




## KY-694 (9/9)

BOARD NO. 1-886-536-12, 22

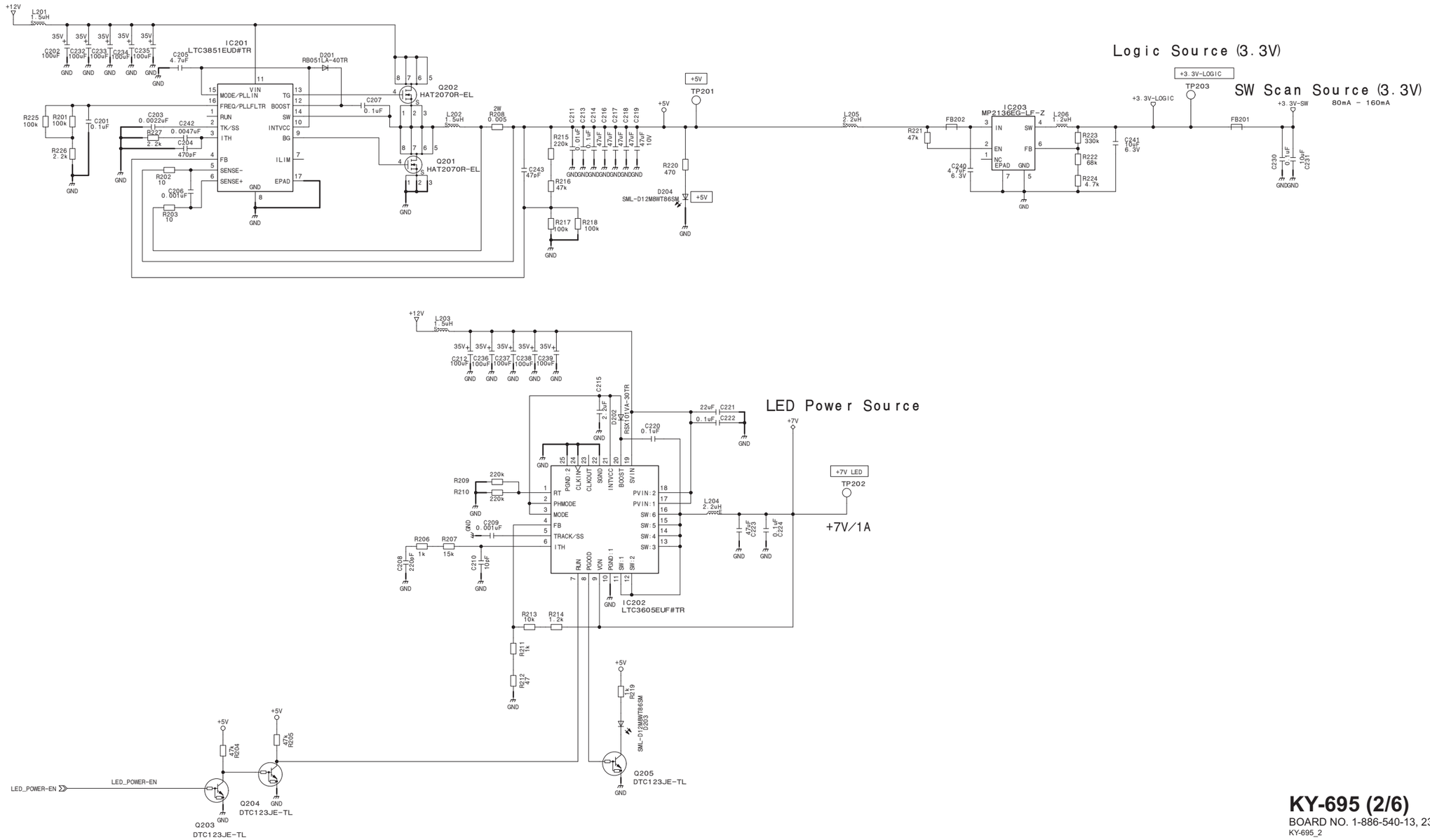
KY-694_9




# KY-695 (1/6)

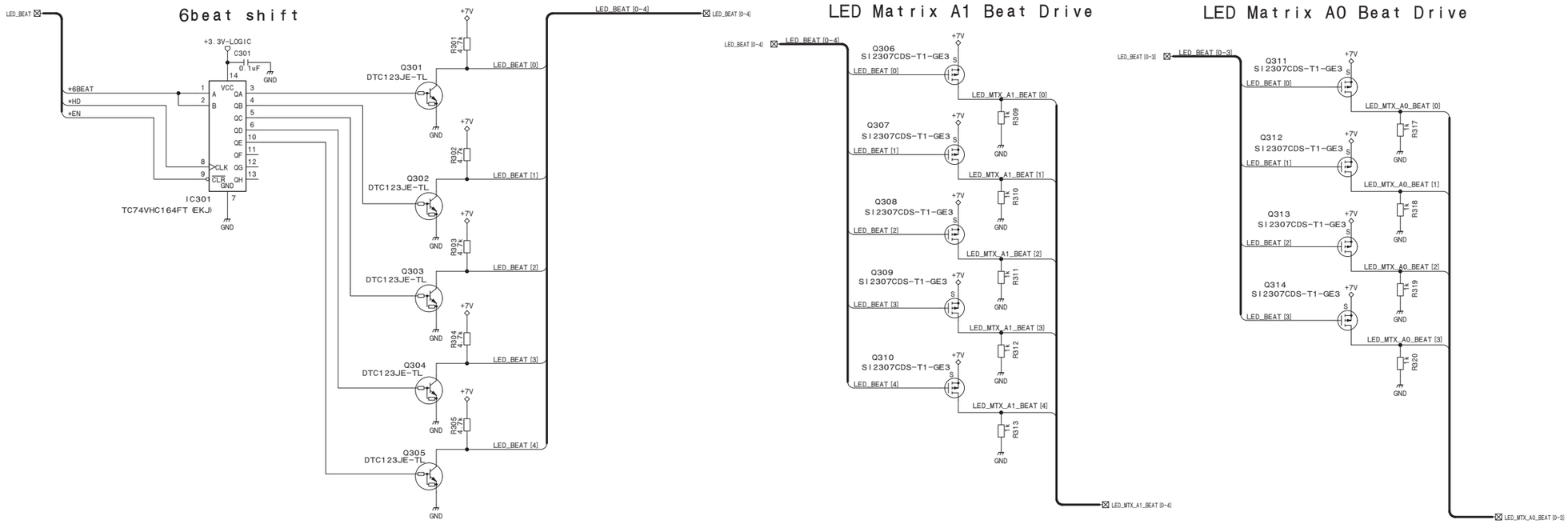
BOARD NO. 1-886-540-13, 23
KY-695_1

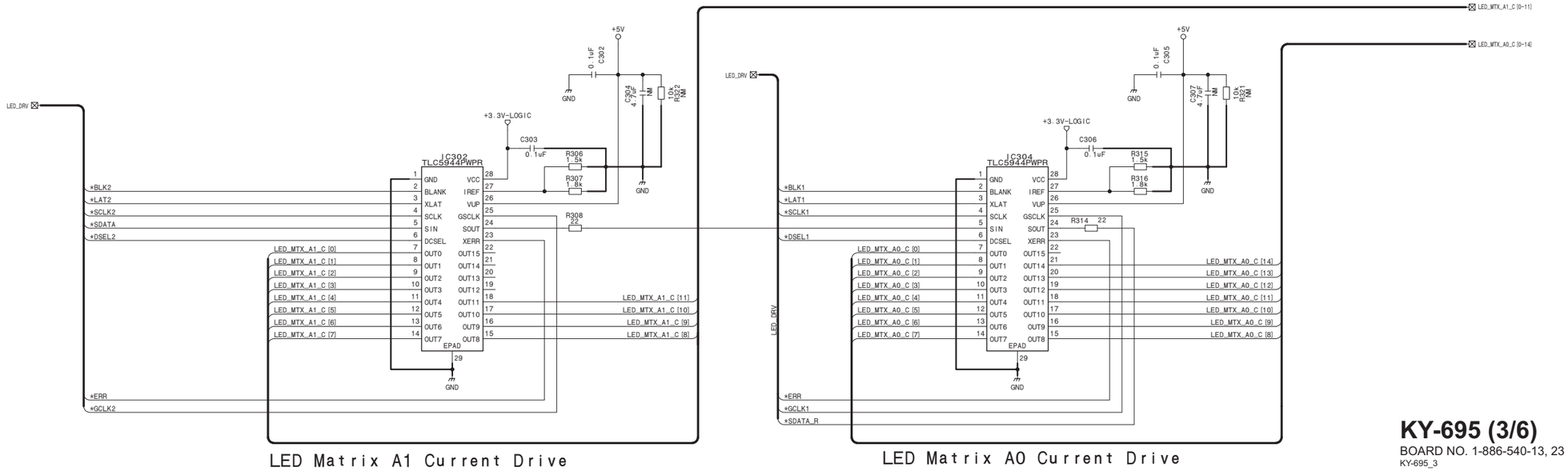
## KY-695 (2/6)




**KY-695 (2/6)**
BOARD NO. 1-886-540-13, 23
KY-695_2

**KY-695 (3/6)**




LED Matrix A1 Current Drive

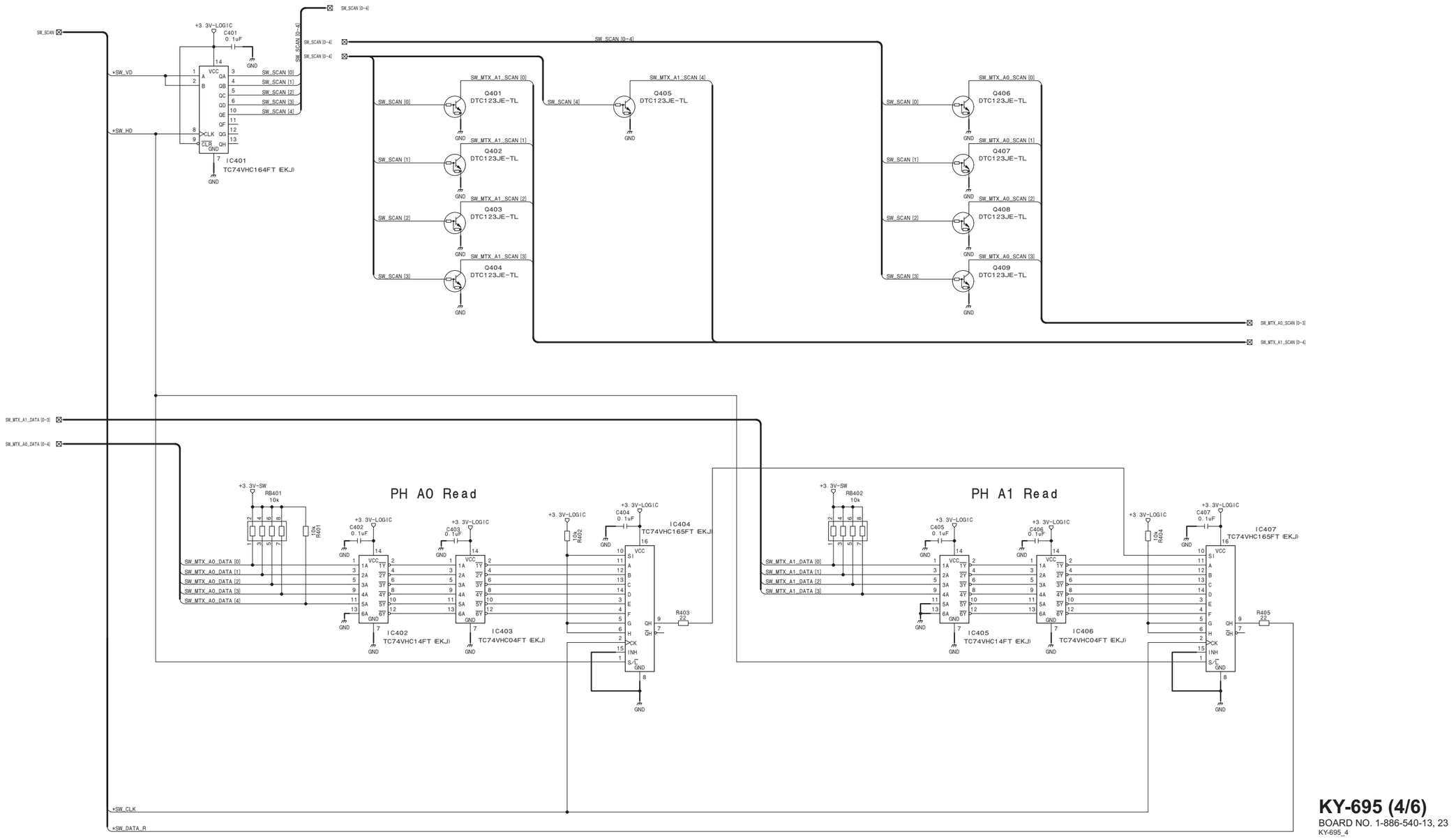
LED Matrix A0 Current Drive

**KY-695 (3/6)**

BOARD NO. 1-886-540-13, 23

KY-695_3

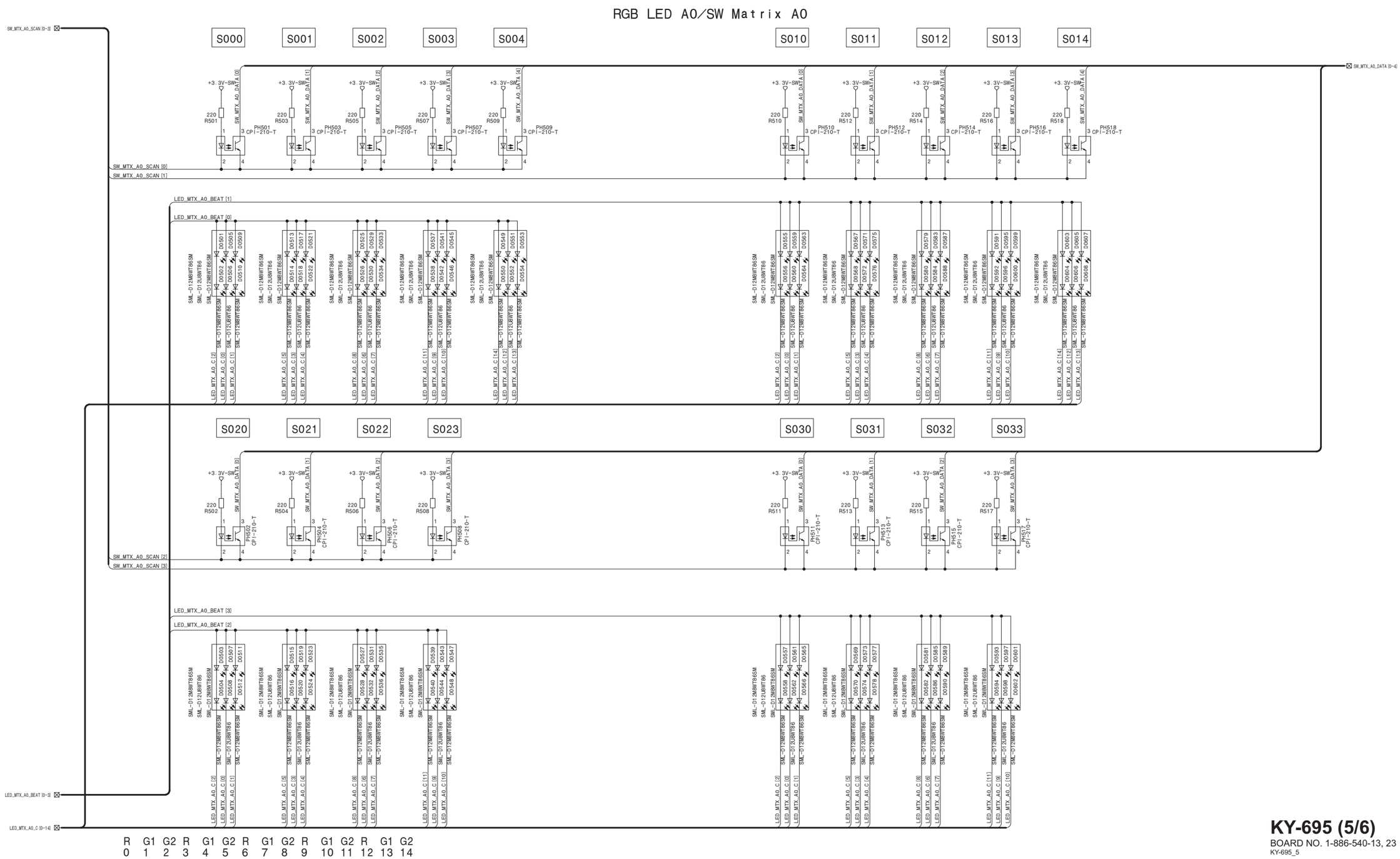
## KY-695 (4/6)




**KY-695 (4/6)**

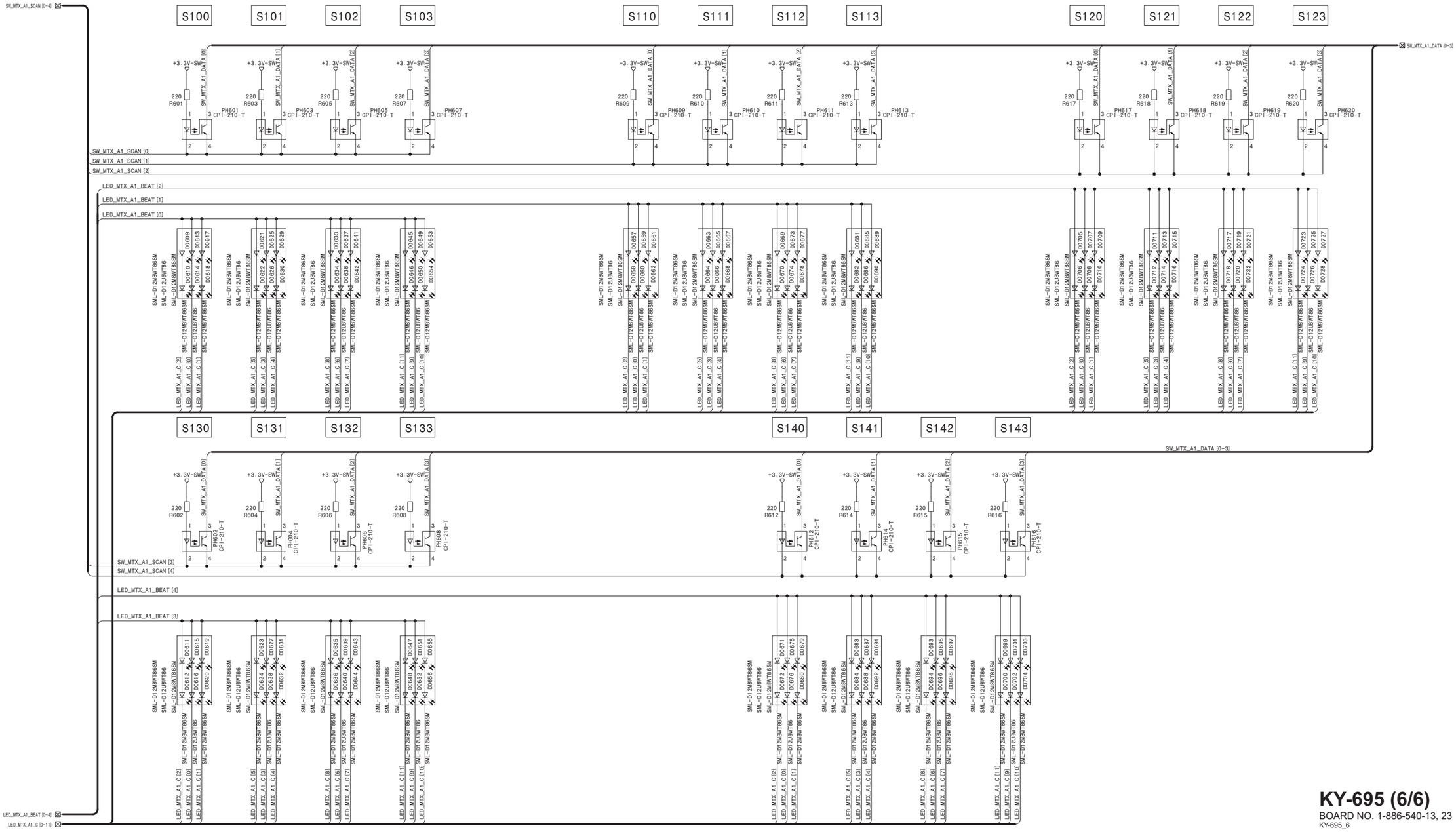
BOARD NO. 1-886-540-13, 23

KY-695_4



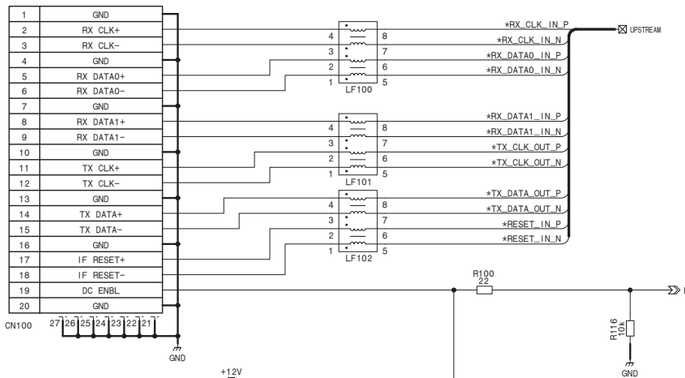

**KY-695 (5/6)**
BOARD NO. 1-886-540-13, 23
KY-695_5

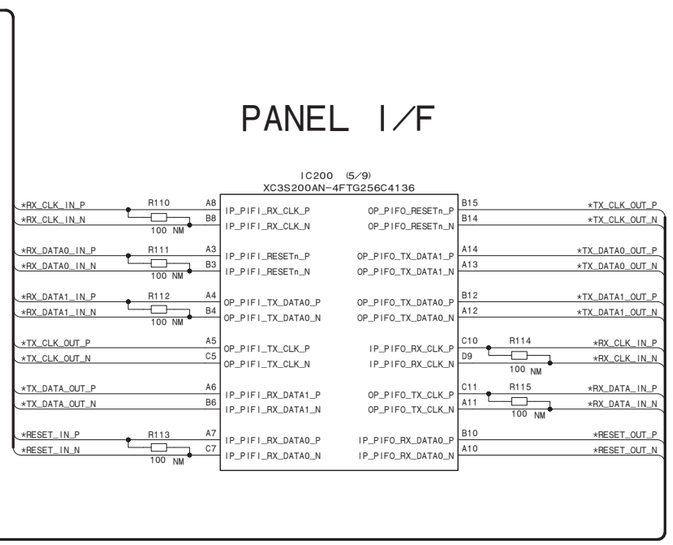
## RGB LED A1/SW Matrix A1

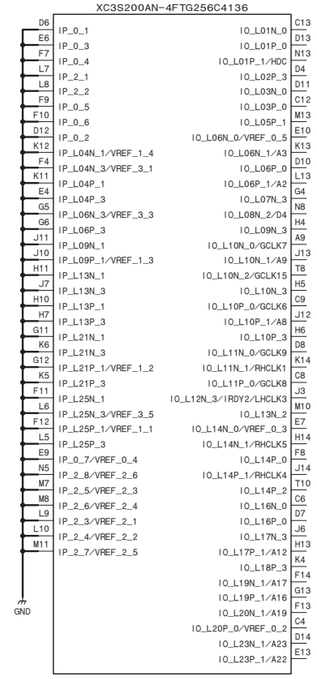


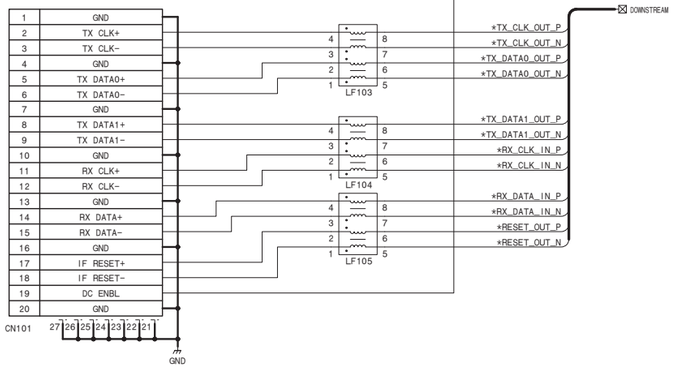

**KY-695 (6/6)**
BOARD NO. 1-886-540-13, 23
KY-695_6

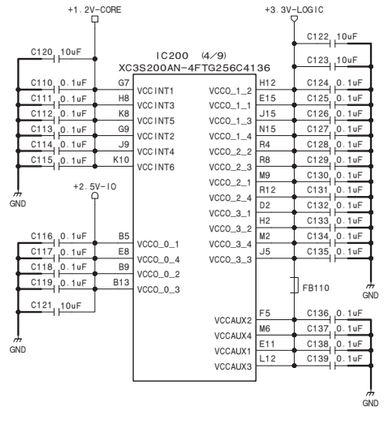
# KY-699
## KY-699 (1/8)

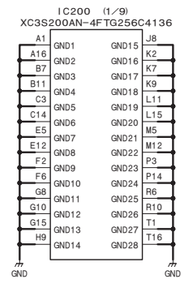


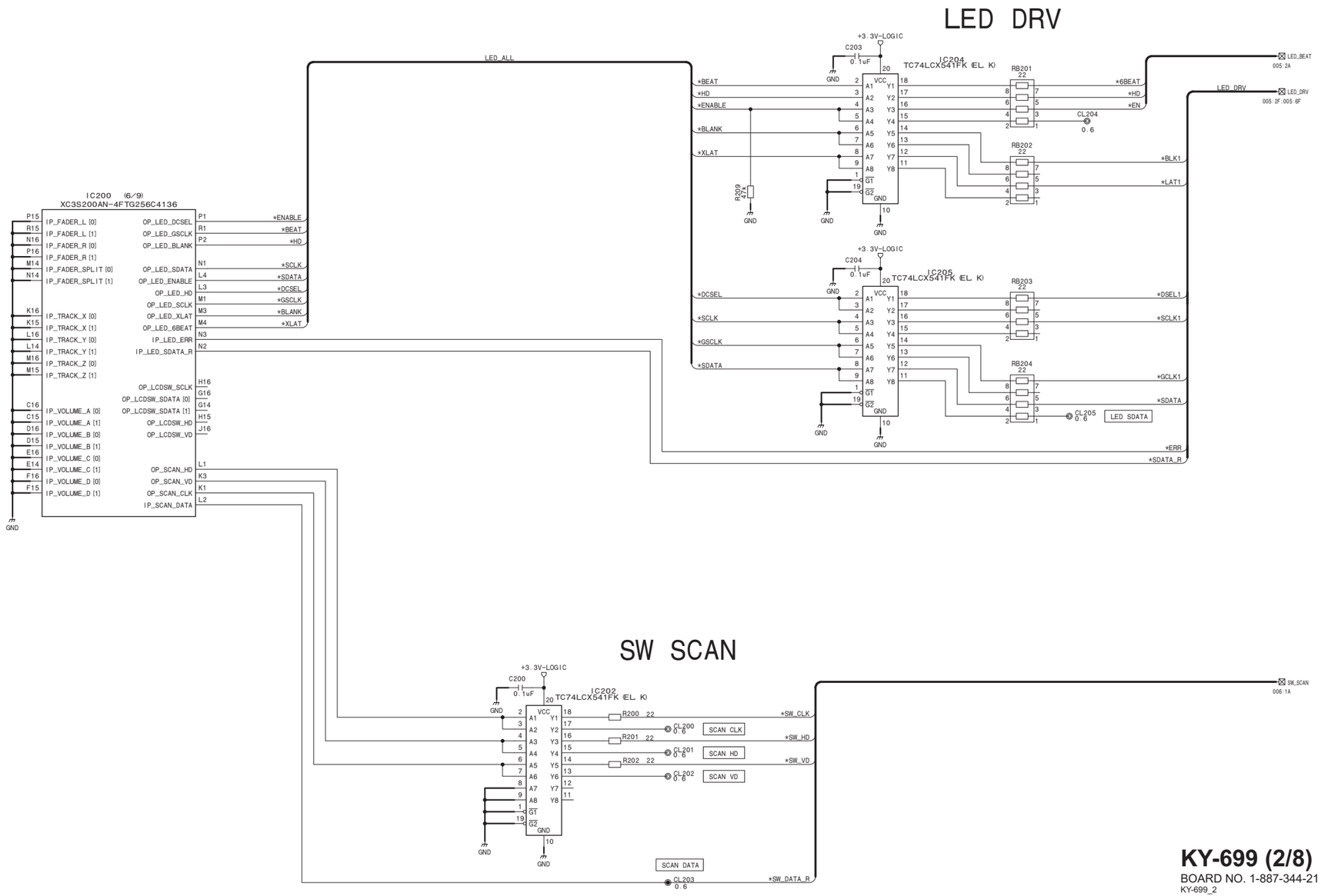






**KY-699 (1/8)**

BOARD NO. 1-887-344-21

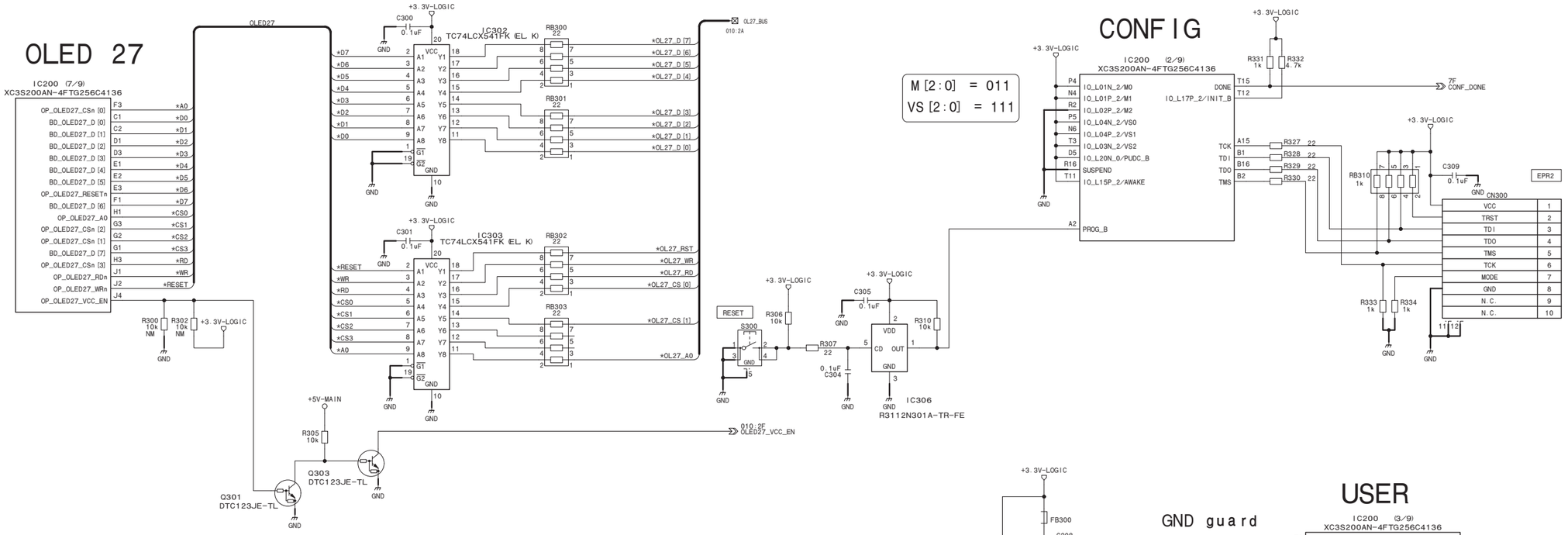
KY-699_1

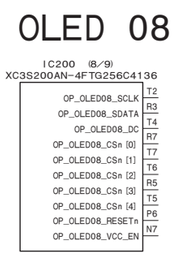



# KY-699 (2/8)

BOARD NO. 1-887-344-21

KY-699_2



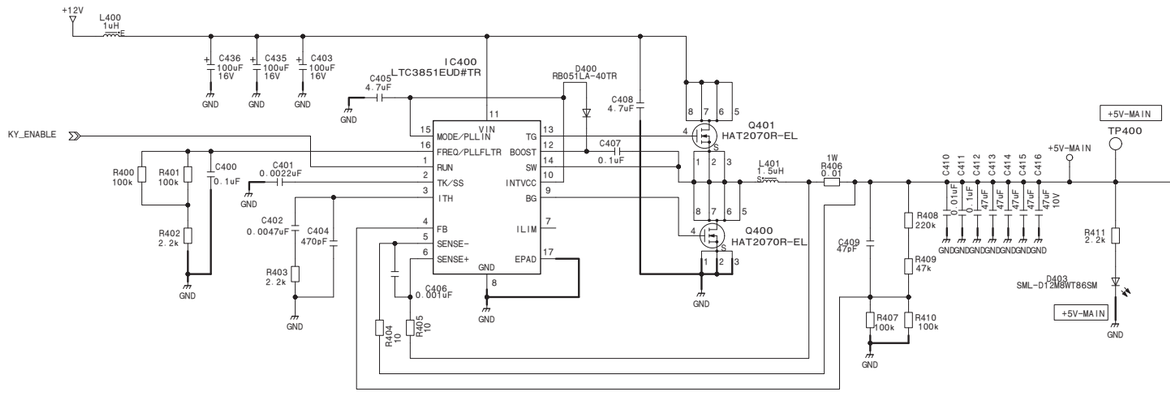




**KY-699 (3/8)**

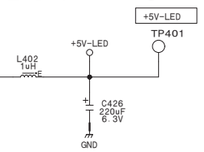
BOARD NO. 1-887-344-21

KY-699_3

**KY-699 (4/8)**



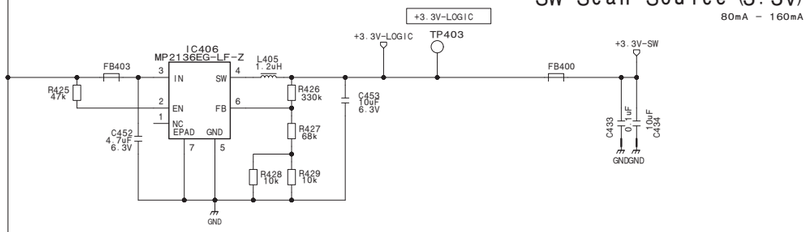

## LED Power Source



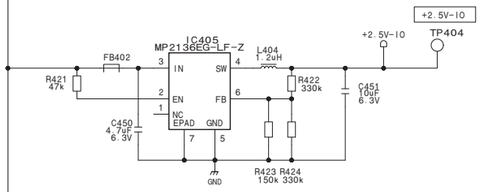

## Logic Source (3.3V)

## SW Scan Source (3.3V)

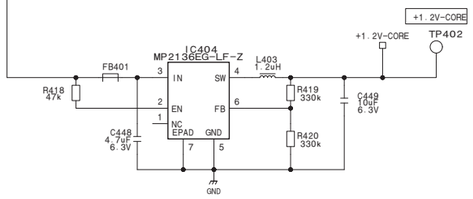
80mA - 160mA




## Logic Source (2.5V)




## FPGA Core Source (1.2V)

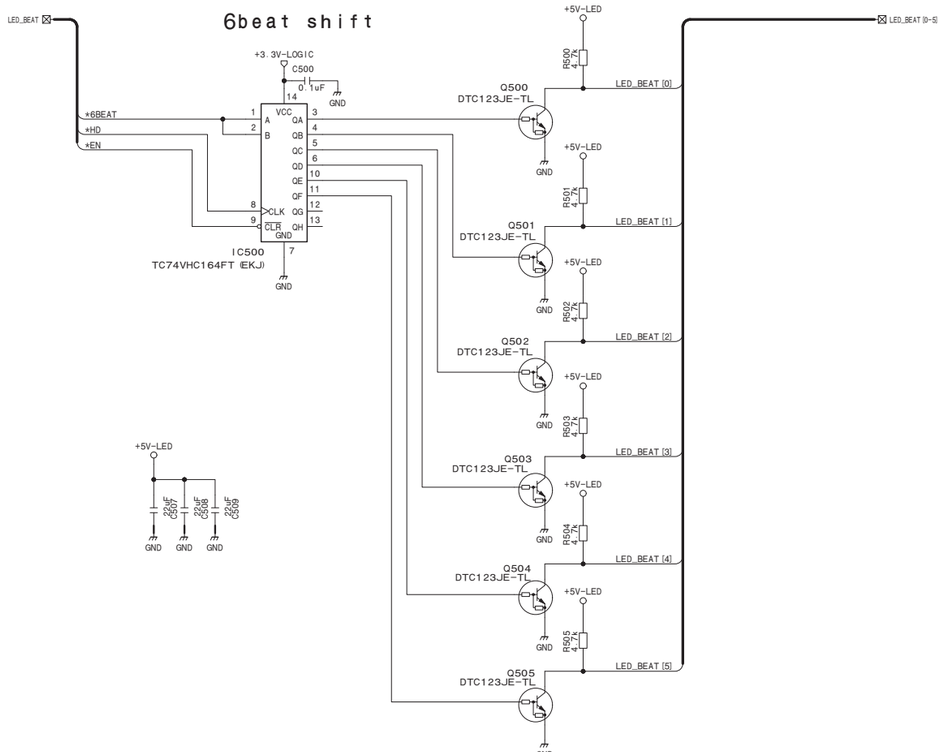



# KY-699 (4/8)

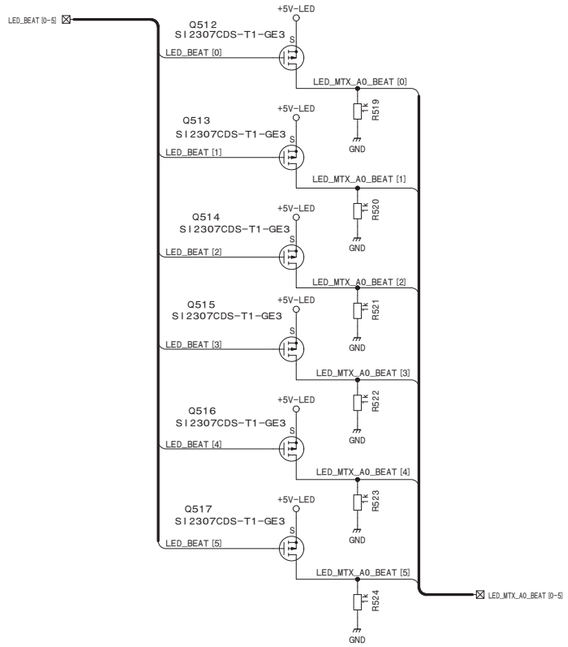
BOARD NO. 1-887-344-21

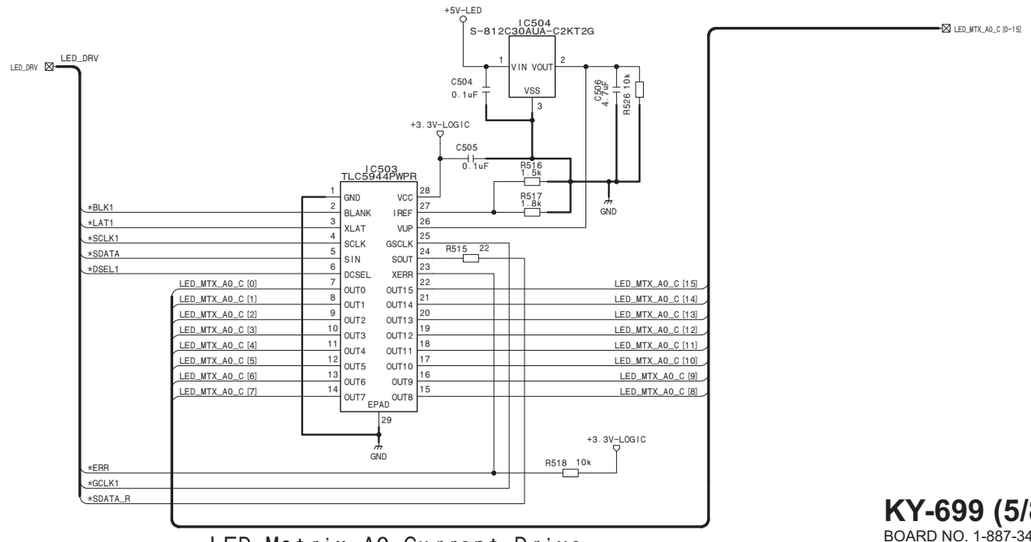
KY-699_4

## 6beat shift



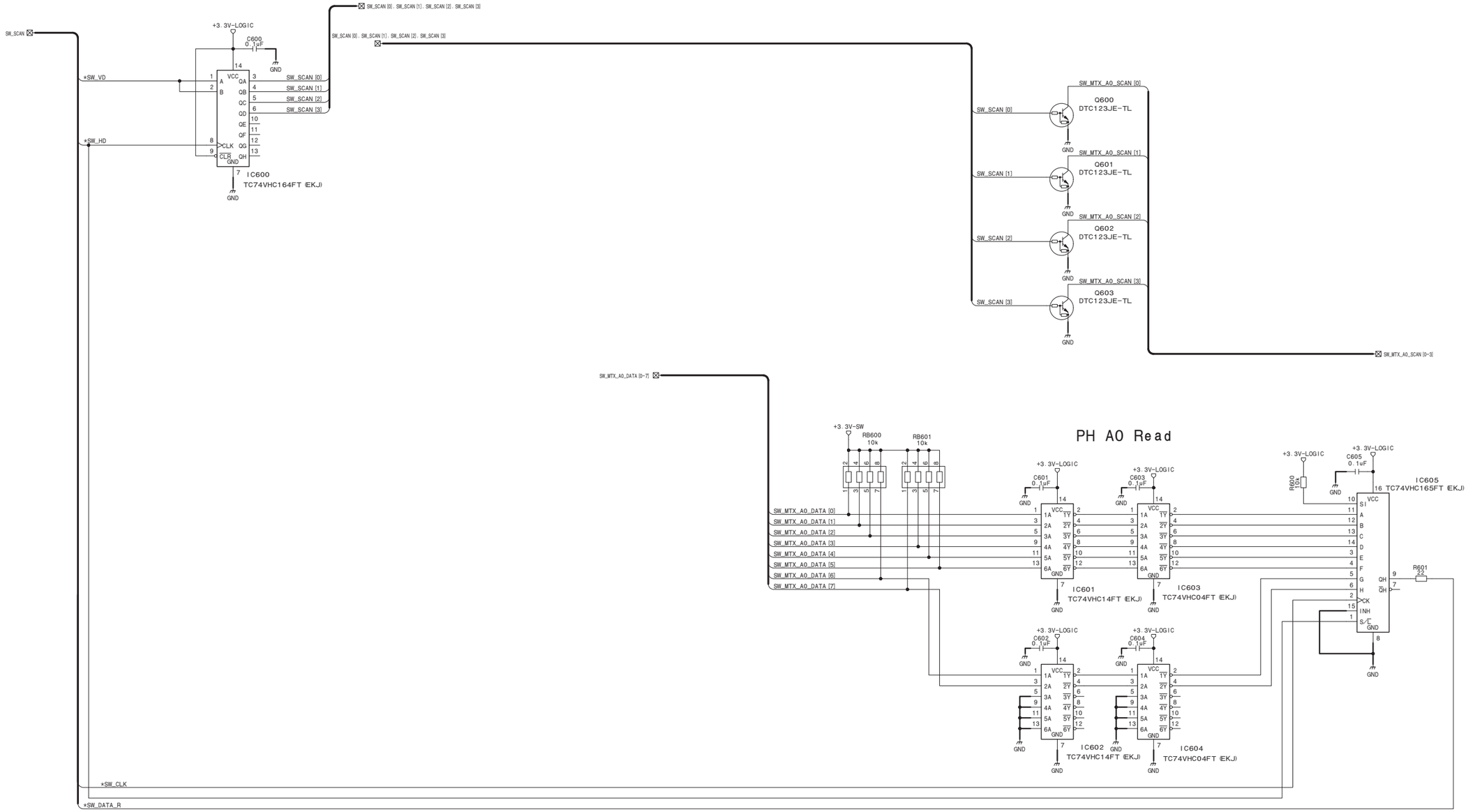

## LED Matrix A0 Beat Drive




## LED Matrix A0 Current Drive

**KY-699 (5/8)**
BOARD NO. 1-887-344-21
KY-699_5

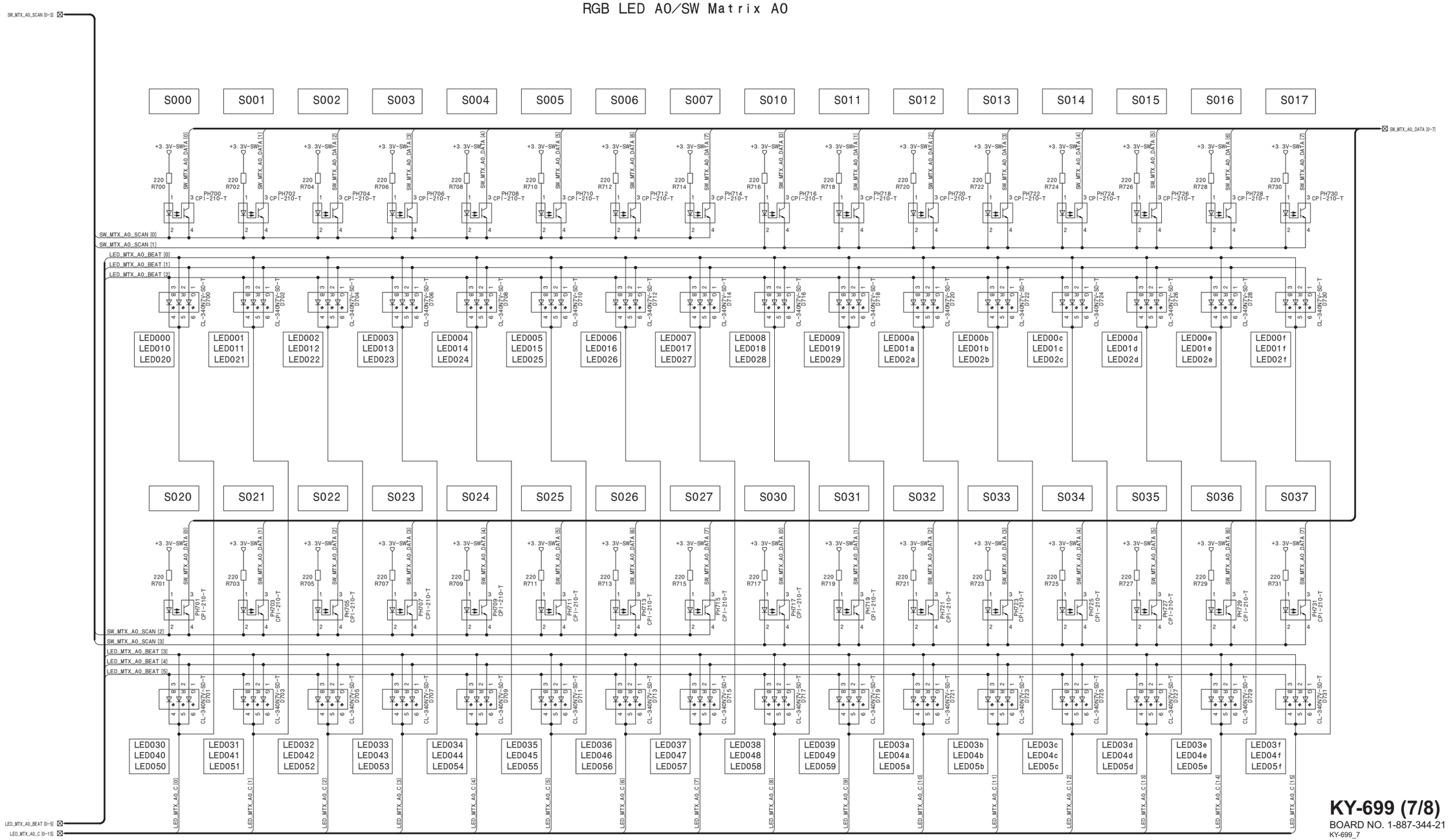



**KY-699 (6/8)**

BOARD NO. 1-887-344-21

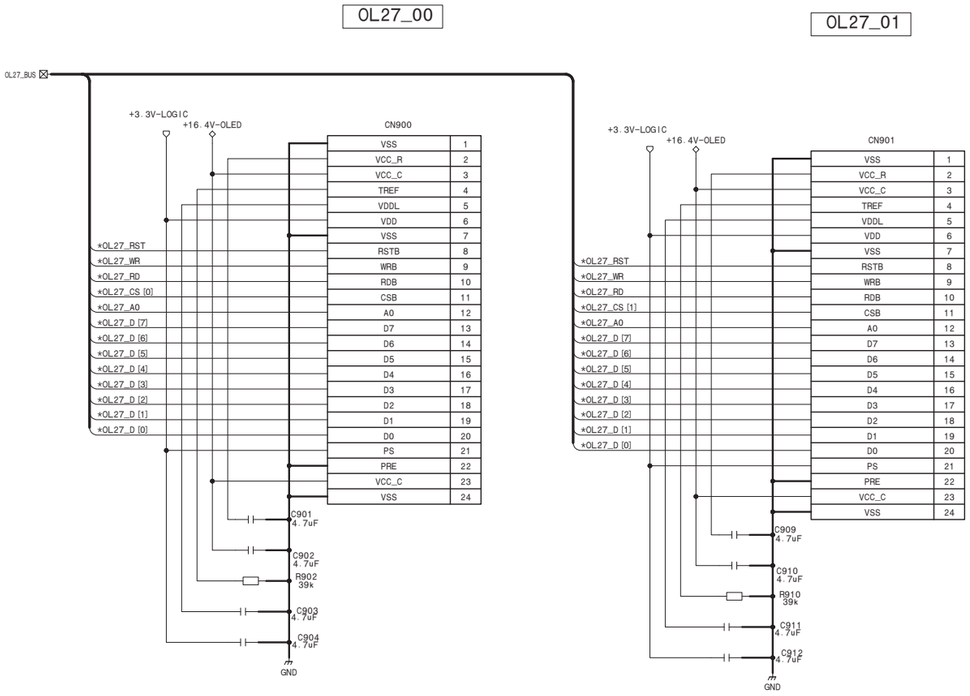
KY-699_6

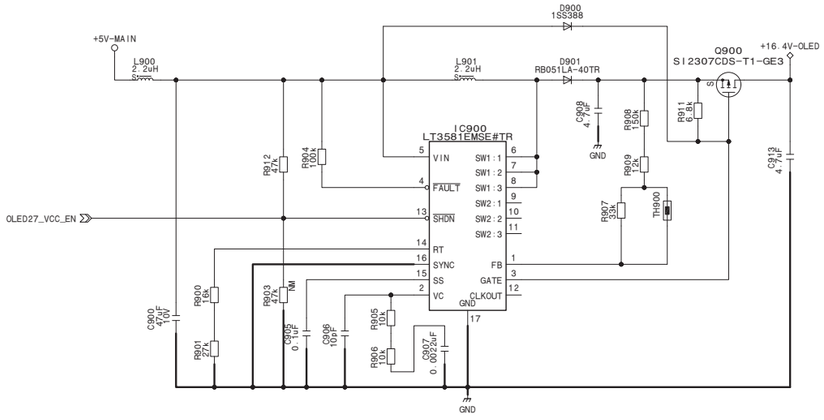
## RGB LED AO/SW Matrix AO




**KY-699 (7/8)**
BOARD NO. 1-887-344-21
KY-699_7

## KY-699 (8/8)



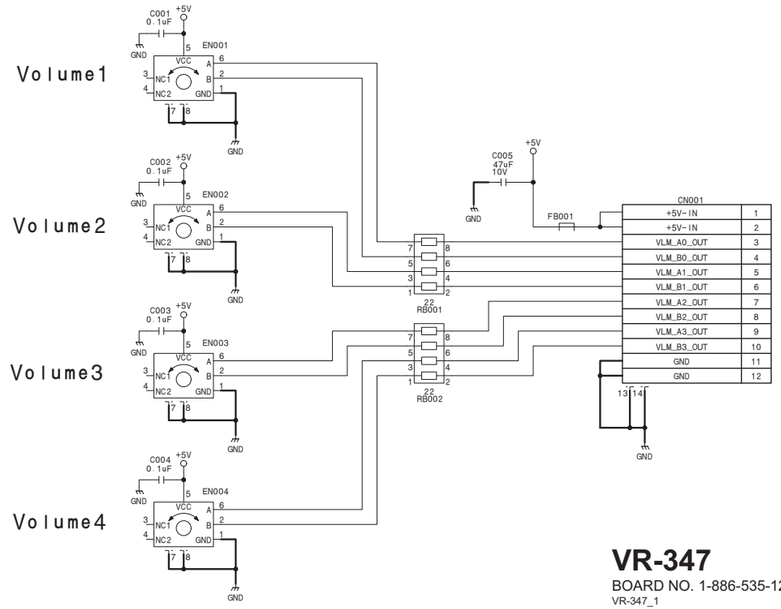




## KY-699 (8/8)

BOARD NO. 1-887-344-21

KY-699_9

## VR-347




## VR-347

BOARD NO. 1-886-535-12, 22

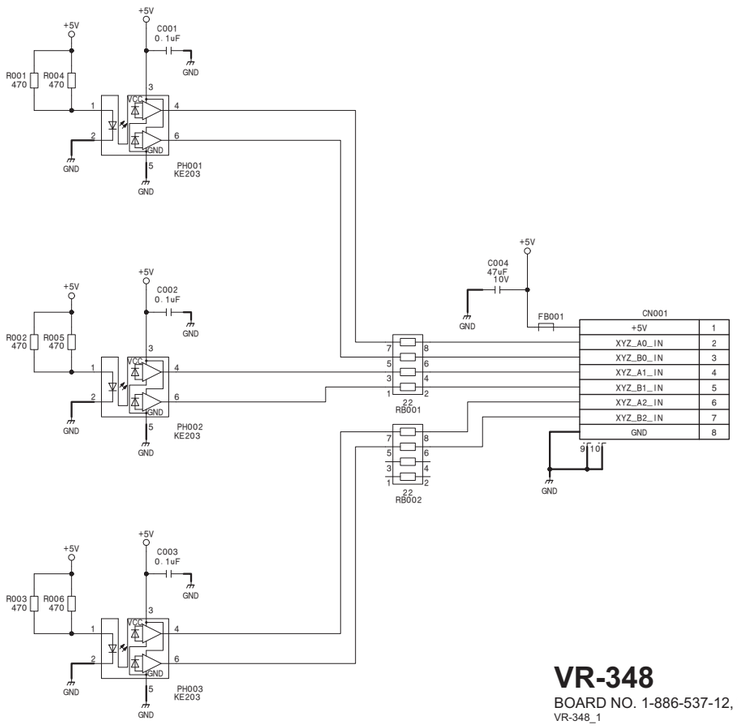
VR-347_1

## VR-348

X ENCODER

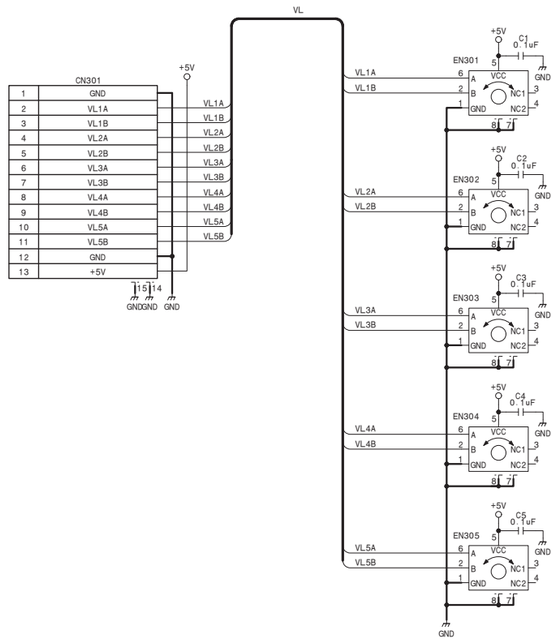
Y ENCODER

Z ENCODER



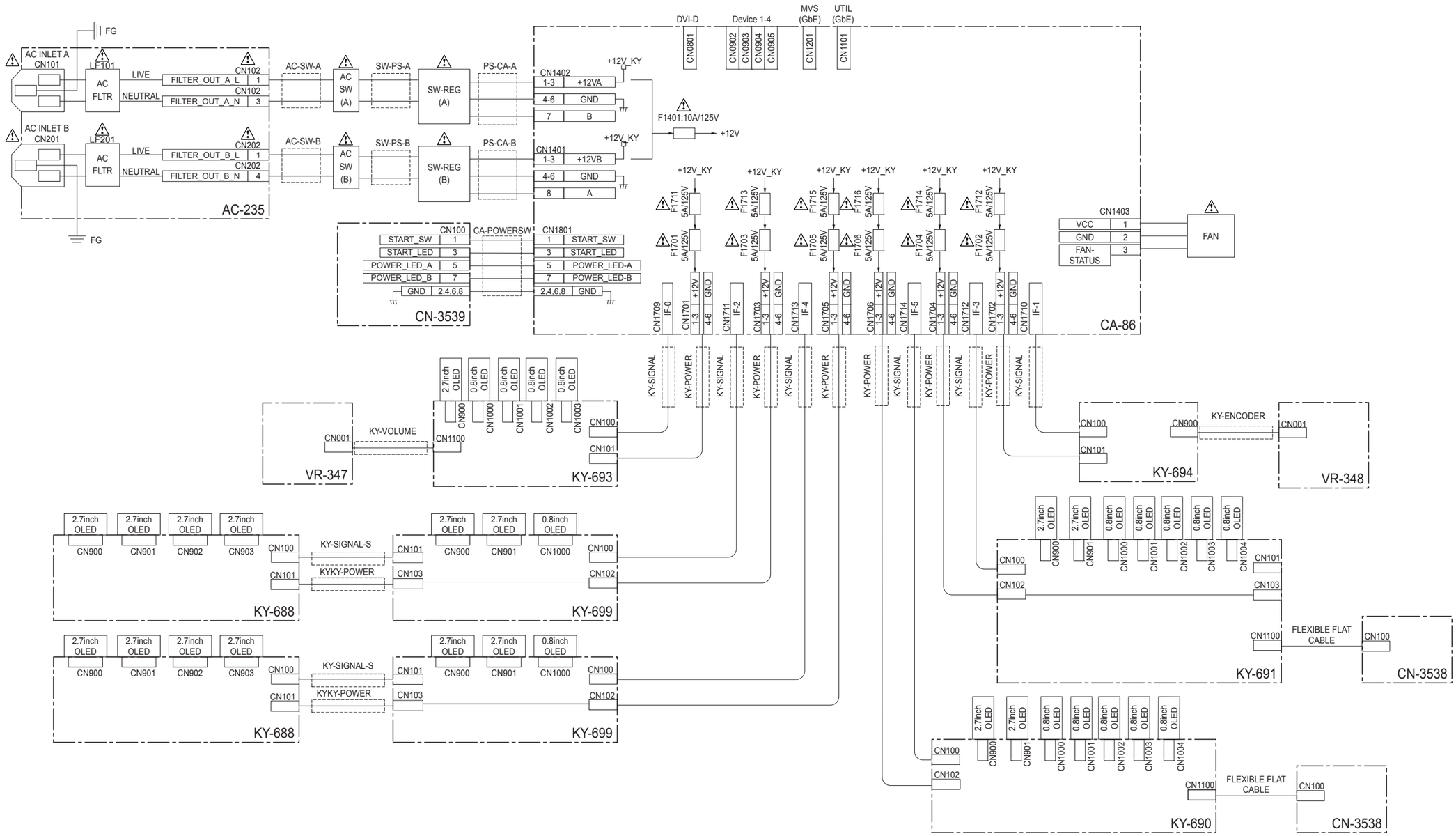

**VR-348**
BOARD NO. 1-886-537-12, 22
VR-348_1

## VR-349



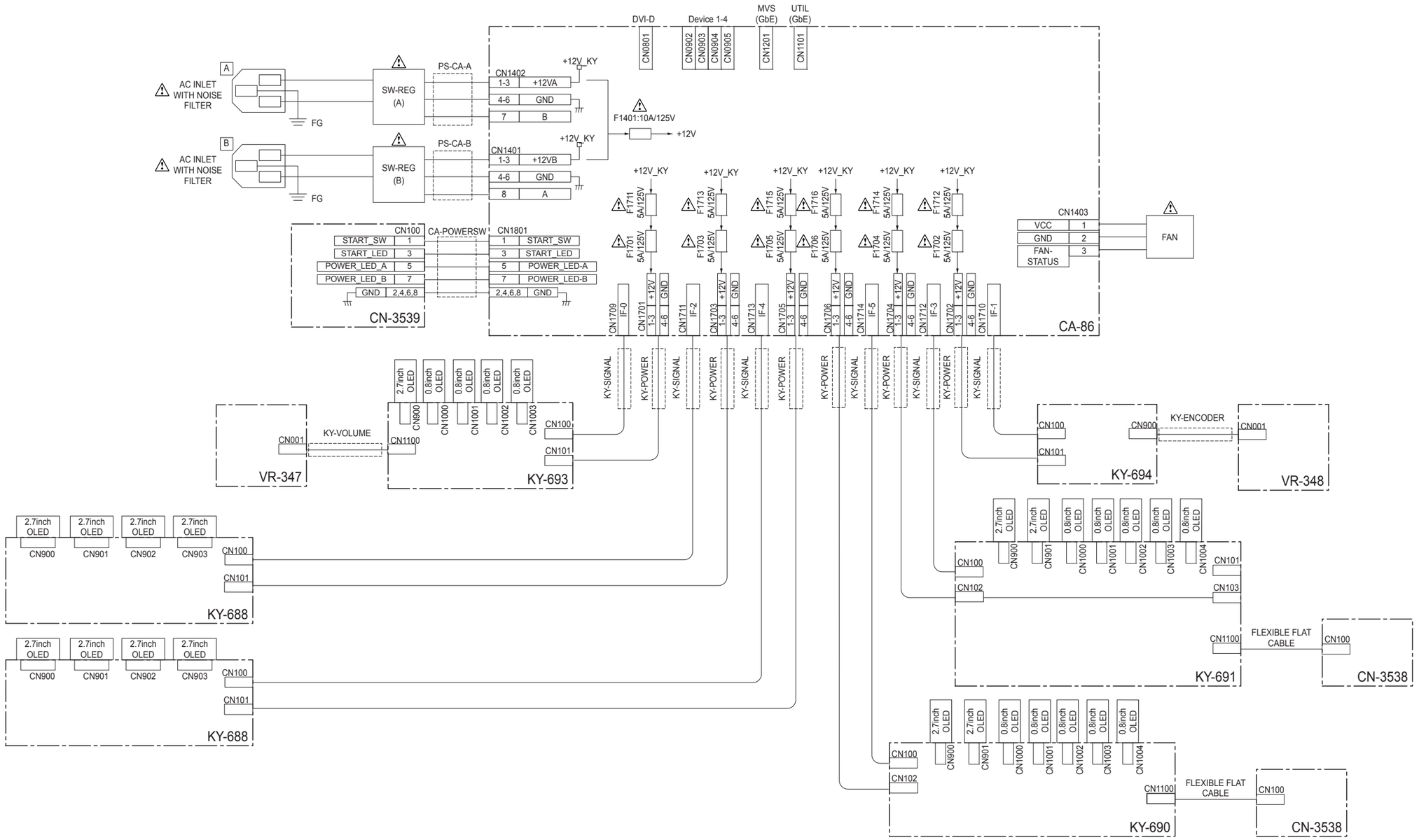

**VR-349**
BOARD NO. 1-886-657-12, 22
VR-349_1

# Frame Wiring
## Frame Wiring ICP-3000



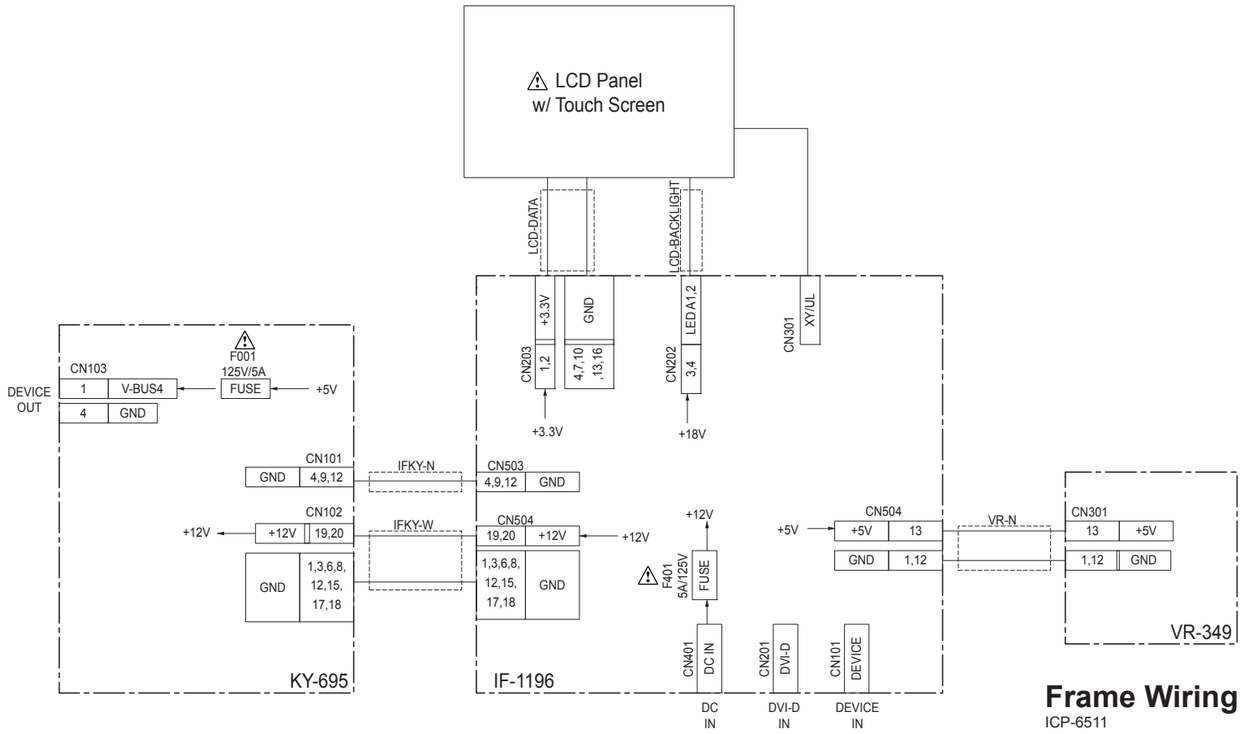

**Frame Wiring**
ICP-3000

## Frame Wiring ICP-3016



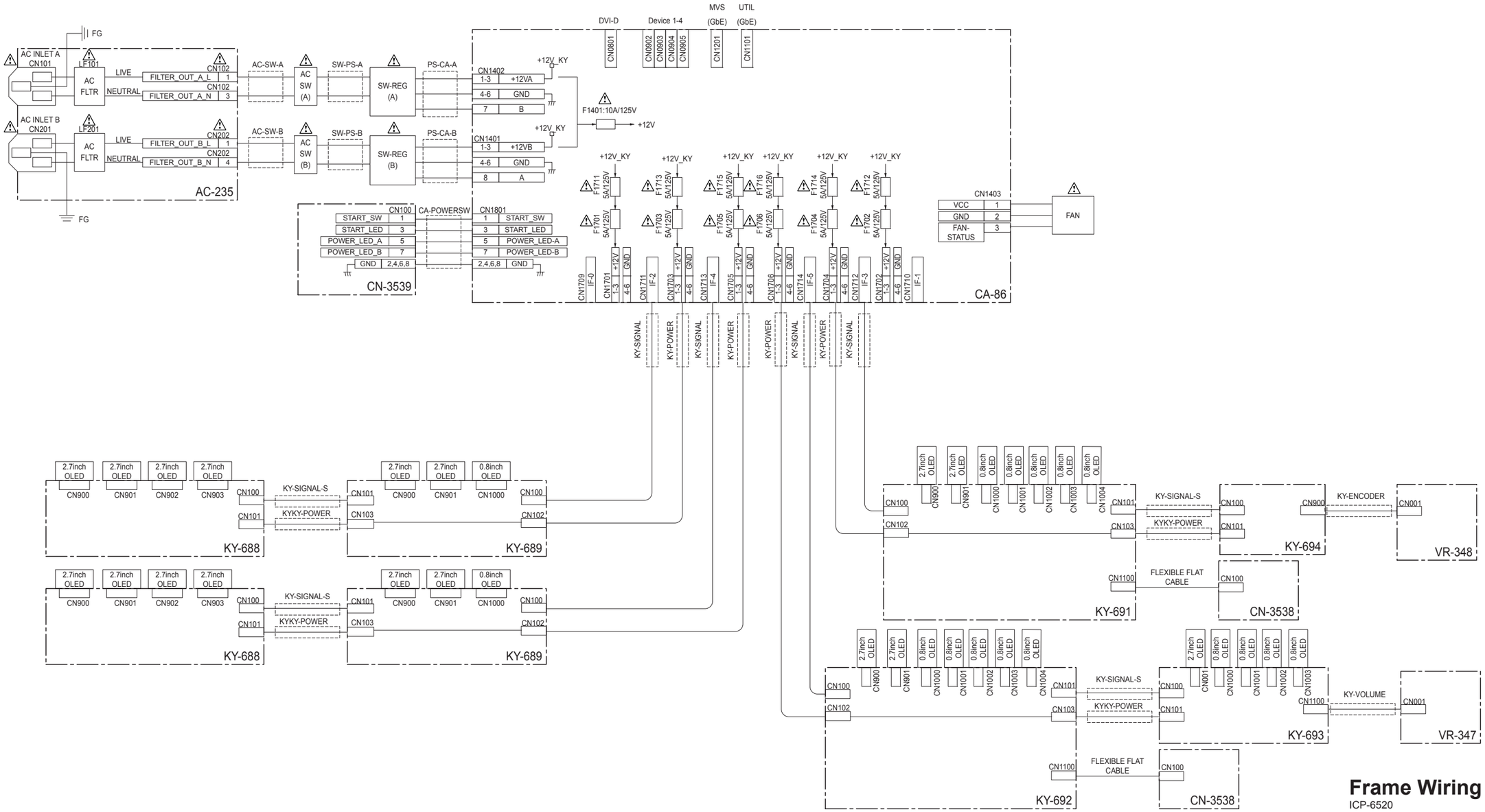

**Frame Wiring**
ICP-3016

## Frame Wiring ICP-6511

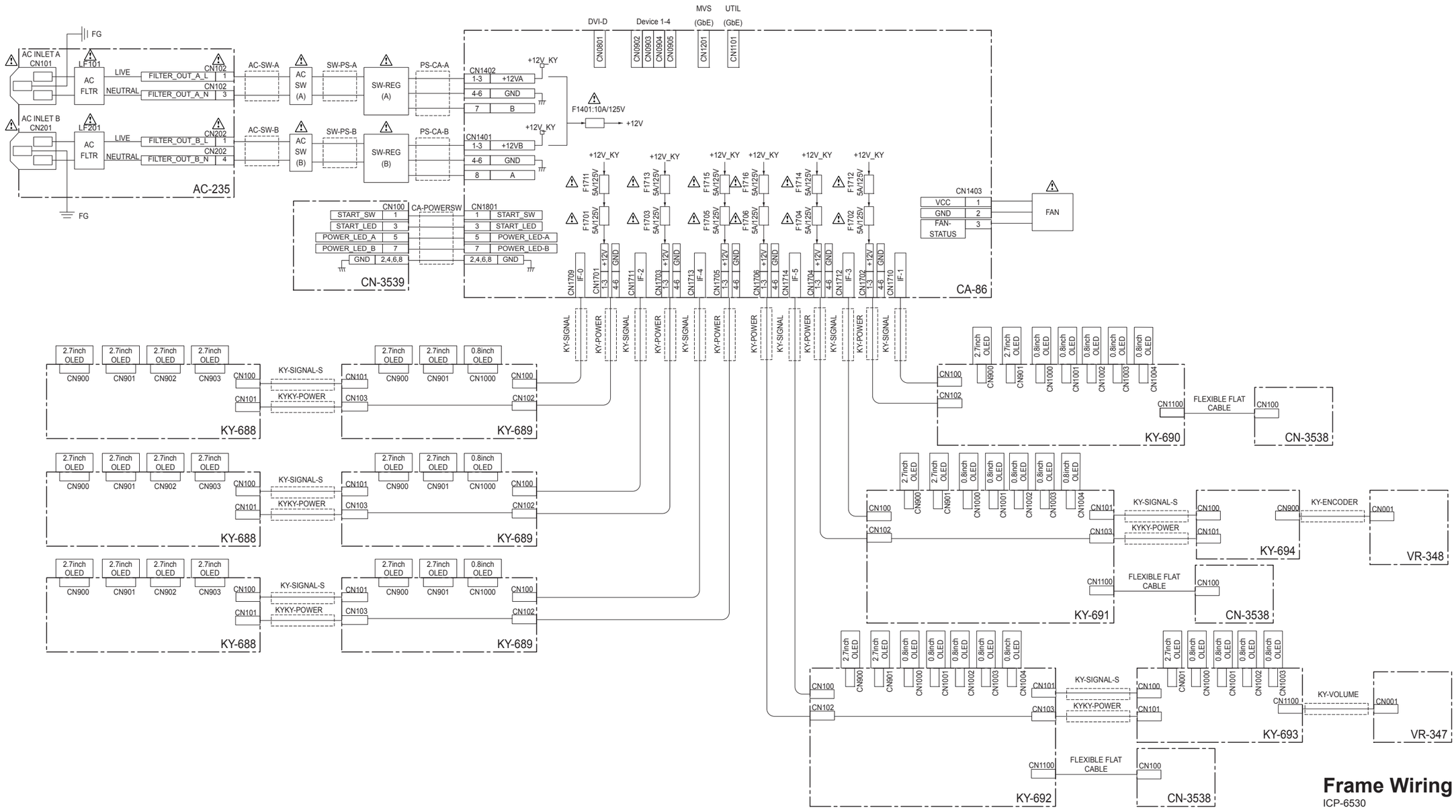



**Frame Wiring**
ICP-6511

## Frame Wiring ICP-6520



## Frame Wiring ICP-6530

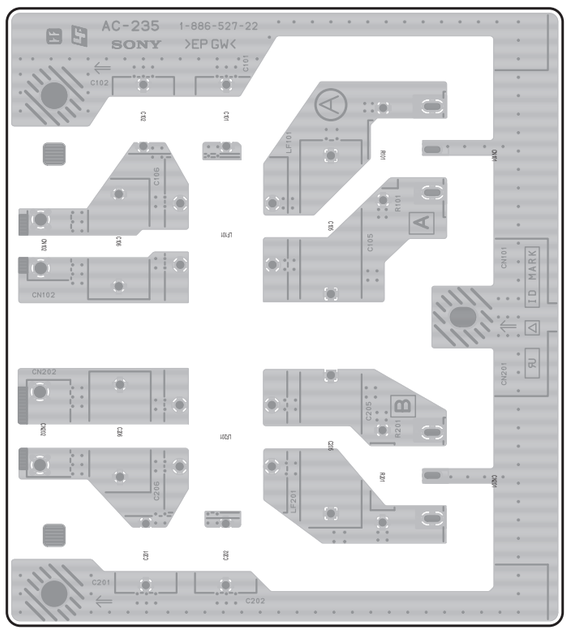



**Frame Wiring**
ICP-6530

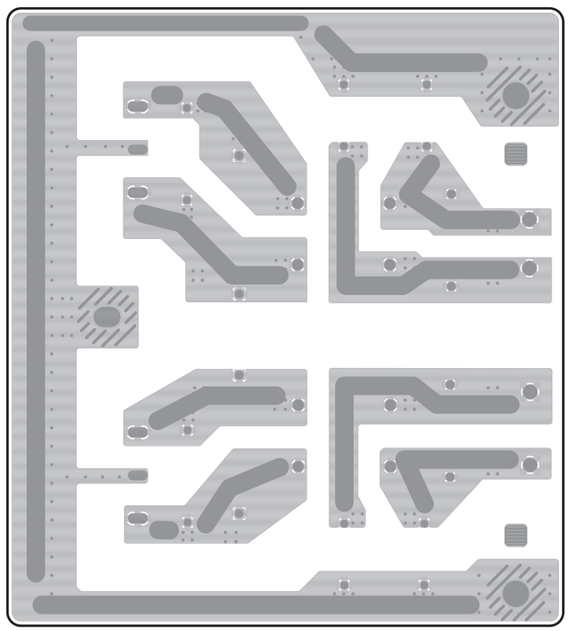
# Section 5
# Board Layouts

## AC-235

The location is described at the end in this section.



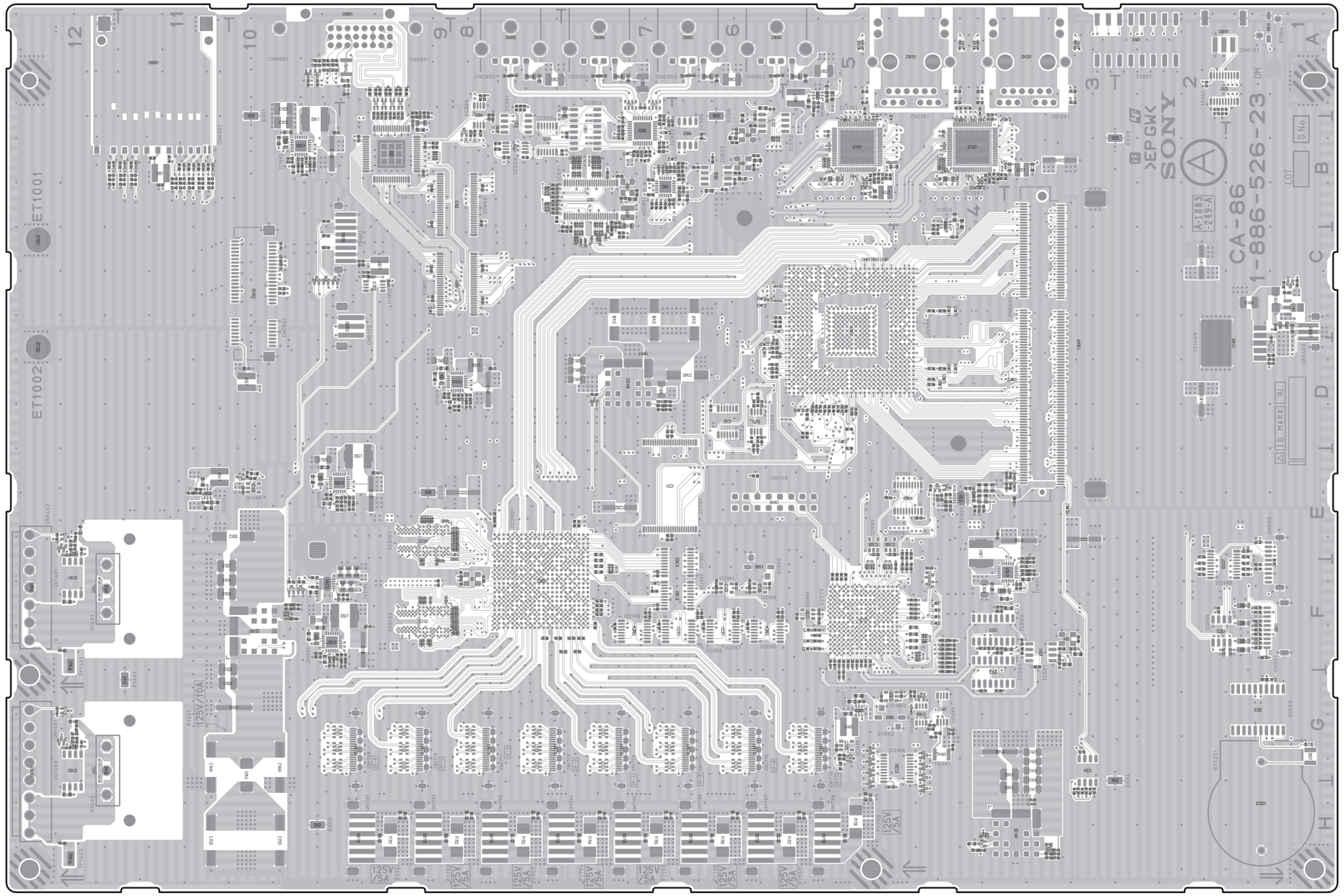

**AC-235** -A SIDE-
SUFFIX: -22

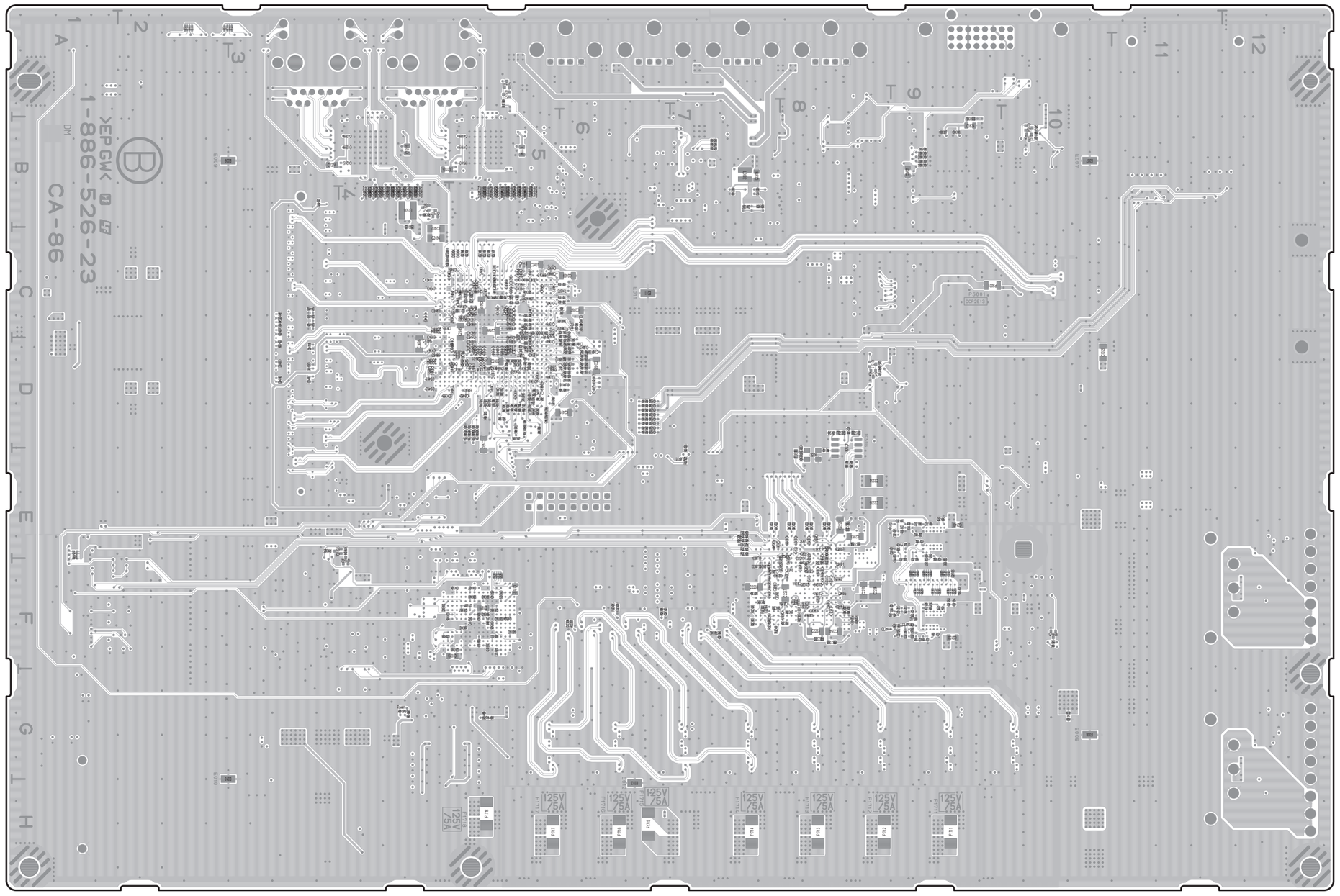


**AC-235** -B SIDE-
SUFFIX: -22

## CA-86

The location is described at the end in this section.

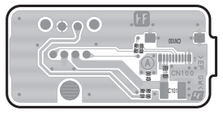




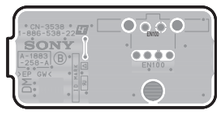

**CA-86** -B SIDE-
SUFFIX: -13, 23

## CN-3538

The location is described at the end in this section.



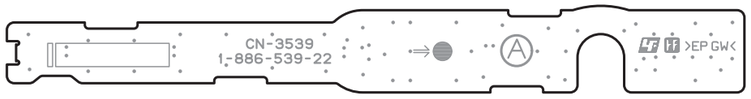
**CN-3538** -A SIDE-
SUFFIX: -12, 22



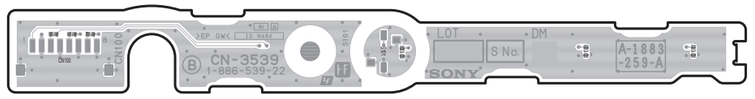
**CN-3538** -B SIDE-
SUFFIX: -12, 22

## CN-3539

The location is described at the end in this section.



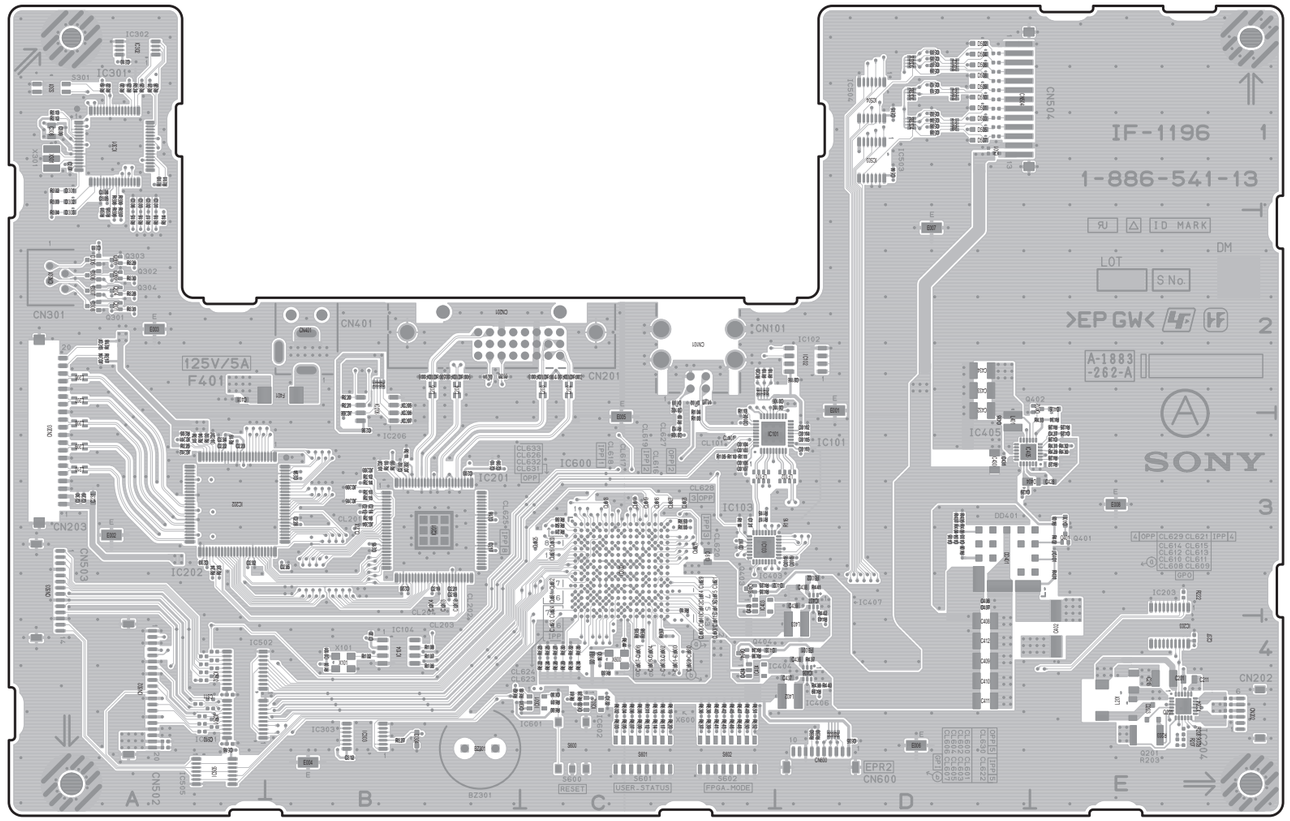

**CN-3539** -A SIDE-
SUFFIX: -12, 22



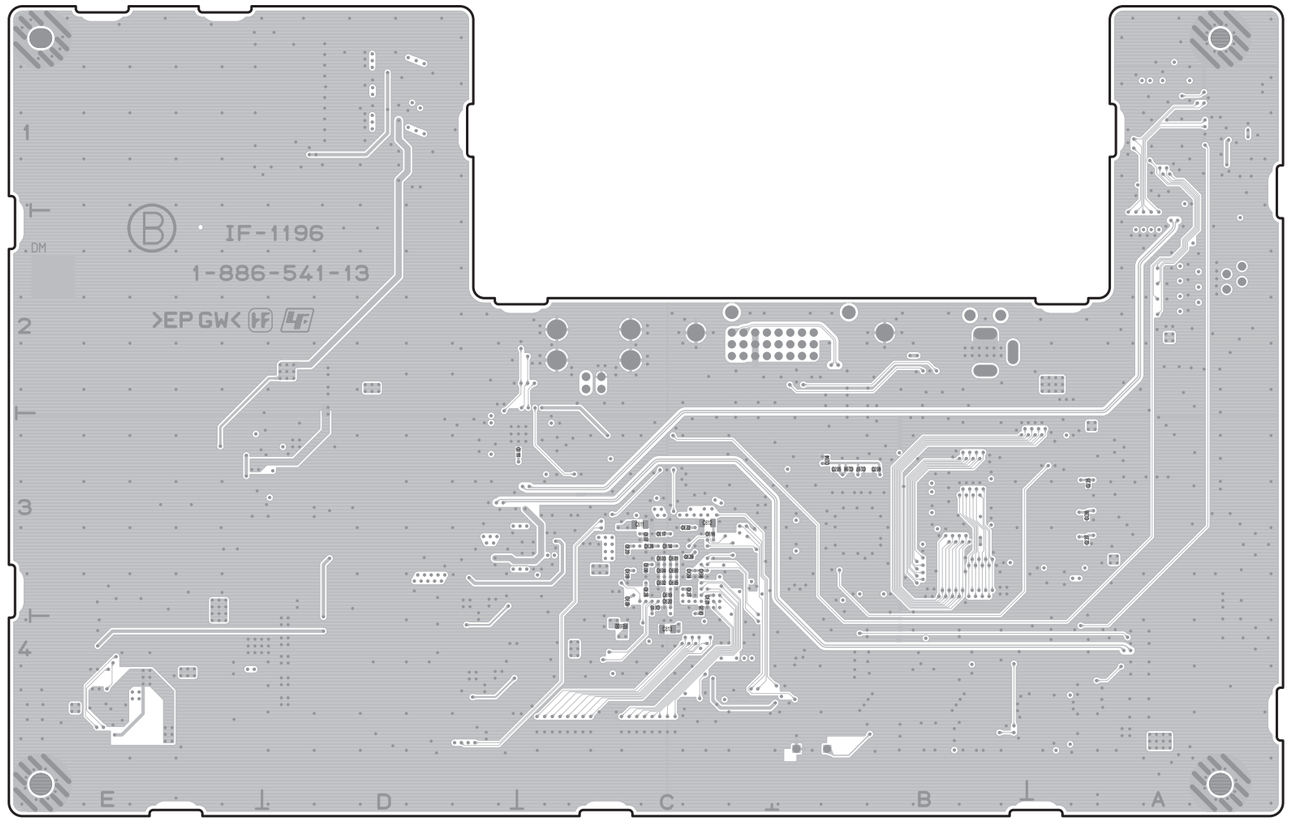

**CN-3539** -B SIDE-
SUFFIX: -12, 22

## IF-1196

The location is described at the end in this section.



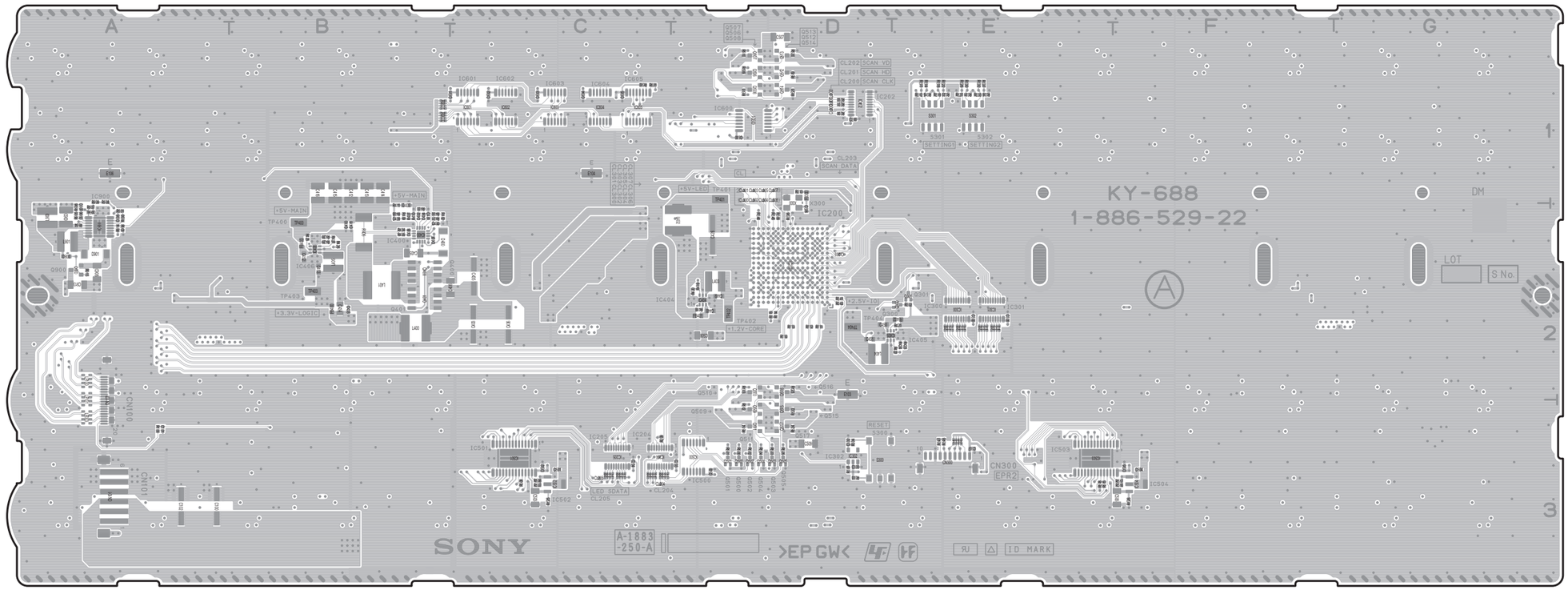

**IF-1196** -A SIDE-
SUFFIX: -13, 23



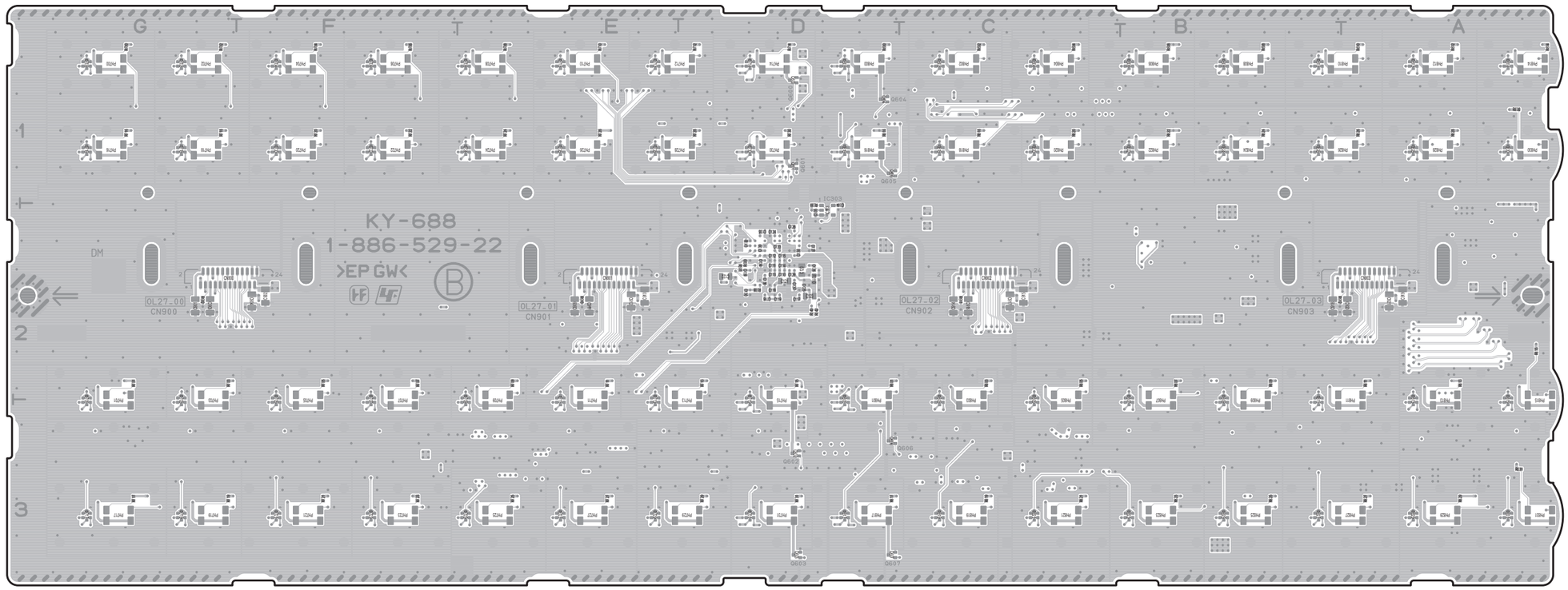

**IF-1196** -B SIDE-
SUFFIX: -13, 23

## KY-688

The location is described at the end in this section.



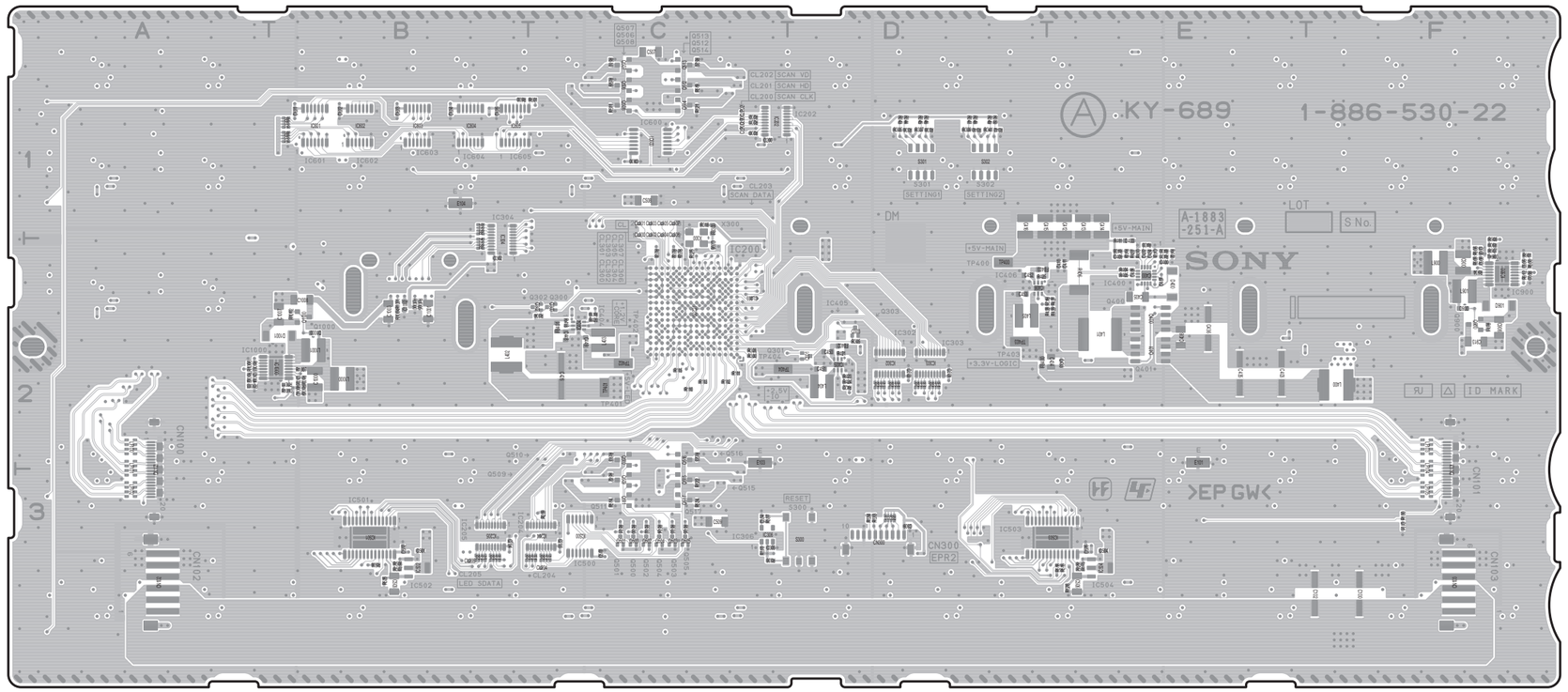

**KY-688** -A SIDE-
SUFFIX: -22



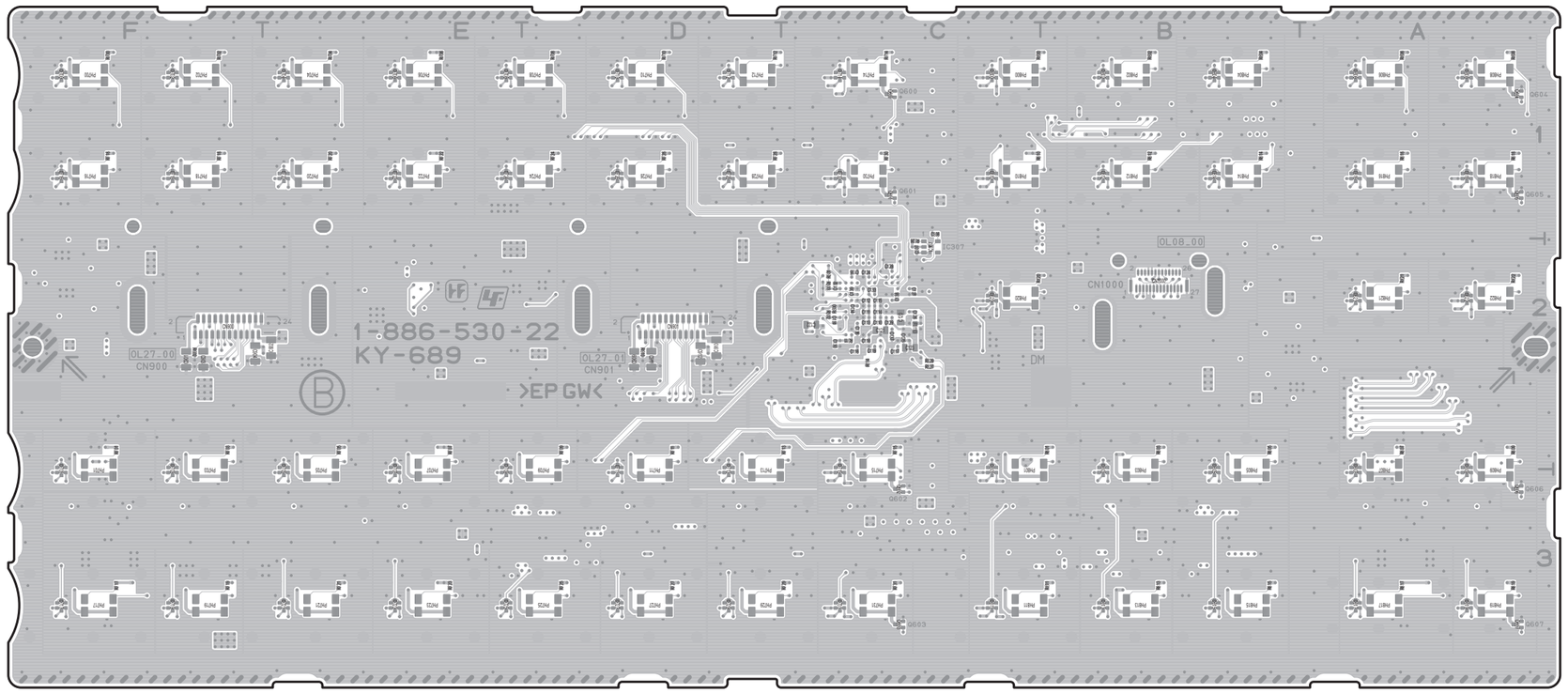

**KY-688** -B SIDE-
SUFFIX: -22

## KY-689

The location is described at the end in this section.



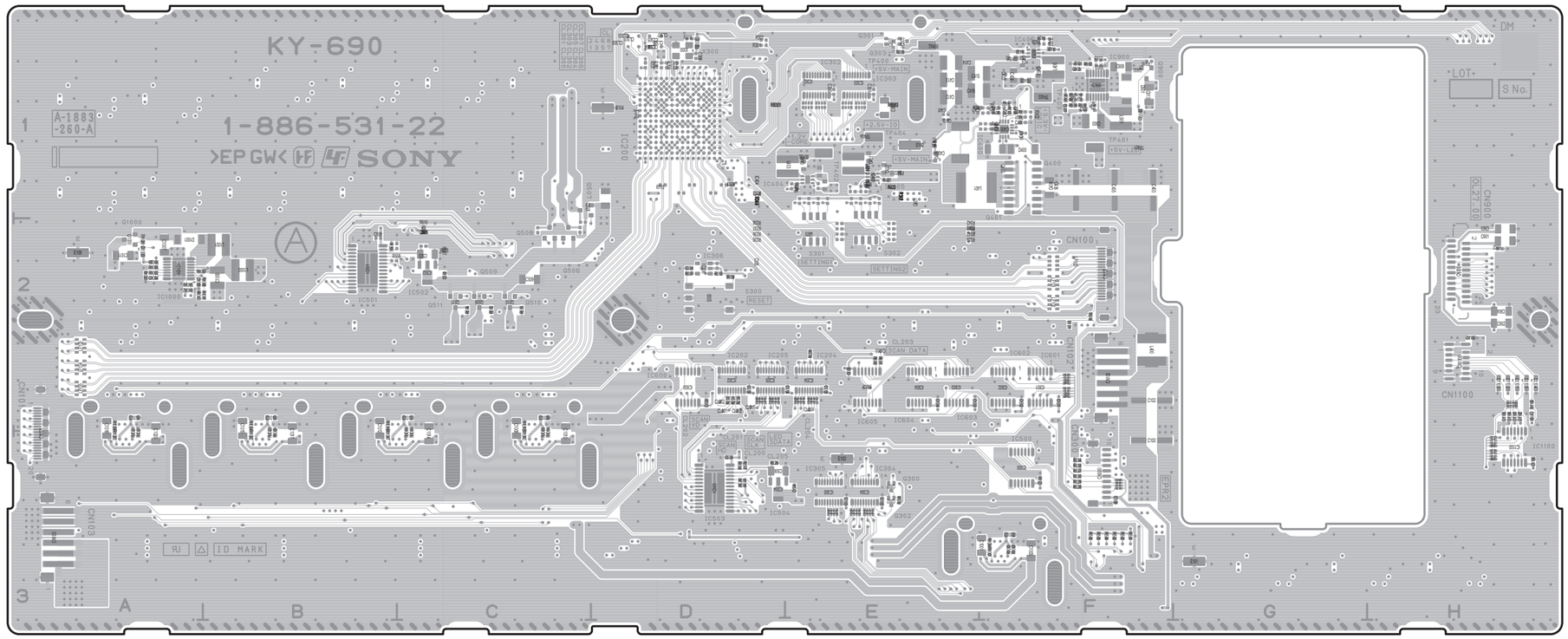

**KY-689** -A SIDE-
SUFFIX: -22

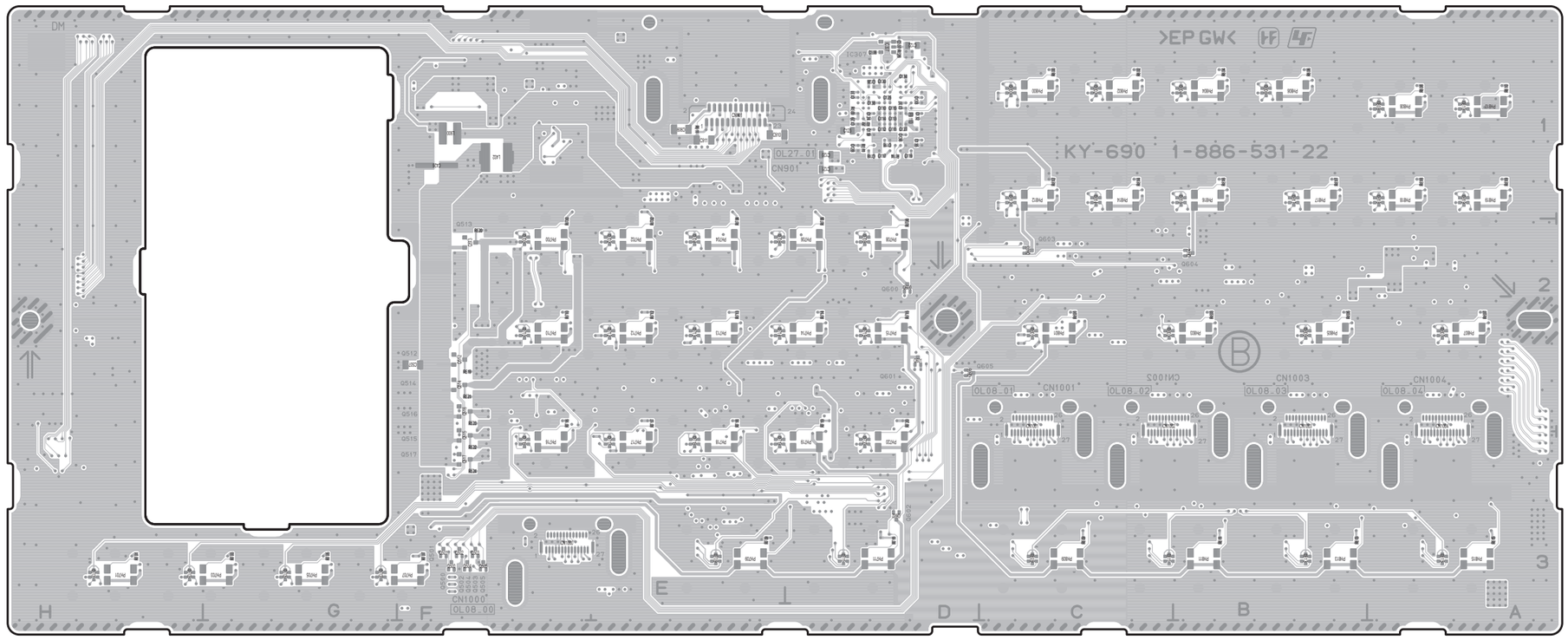



**KY-689** -B SIDE-
SUFFIX: -22

## KY-690

The location is described at the end in this section.

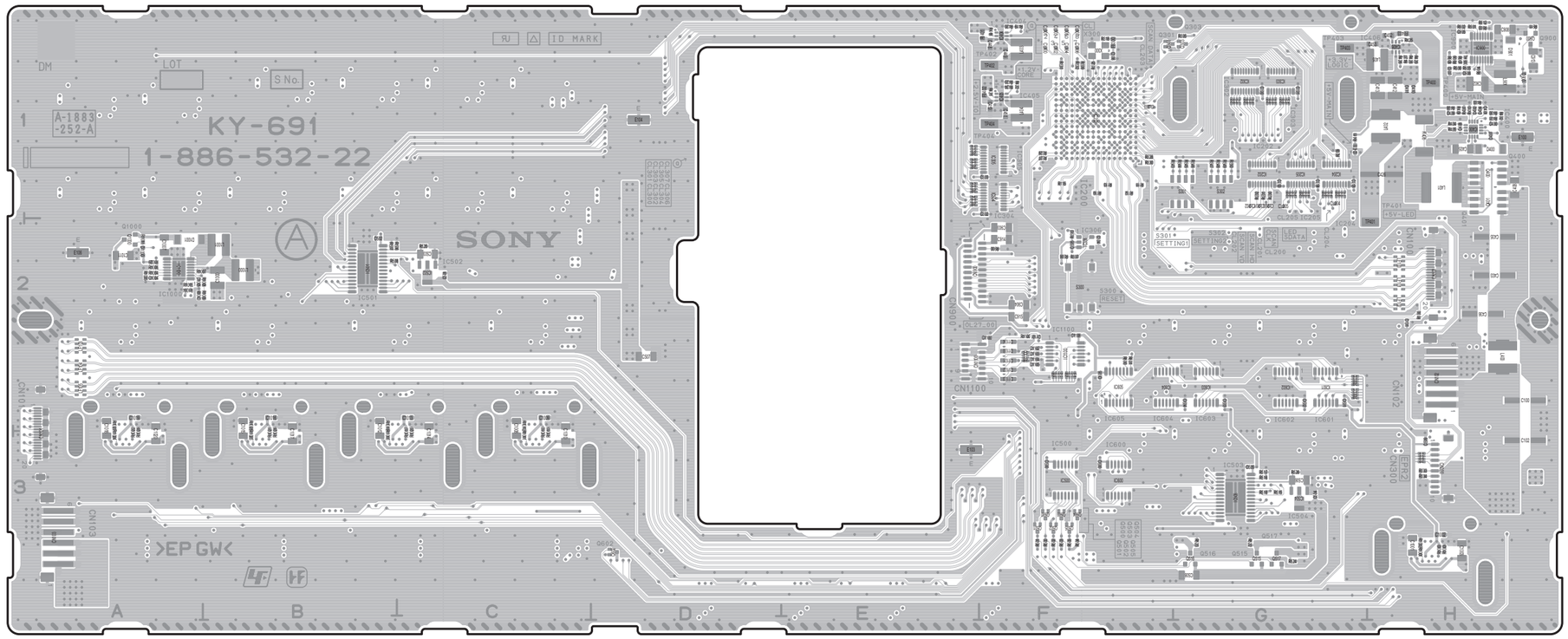


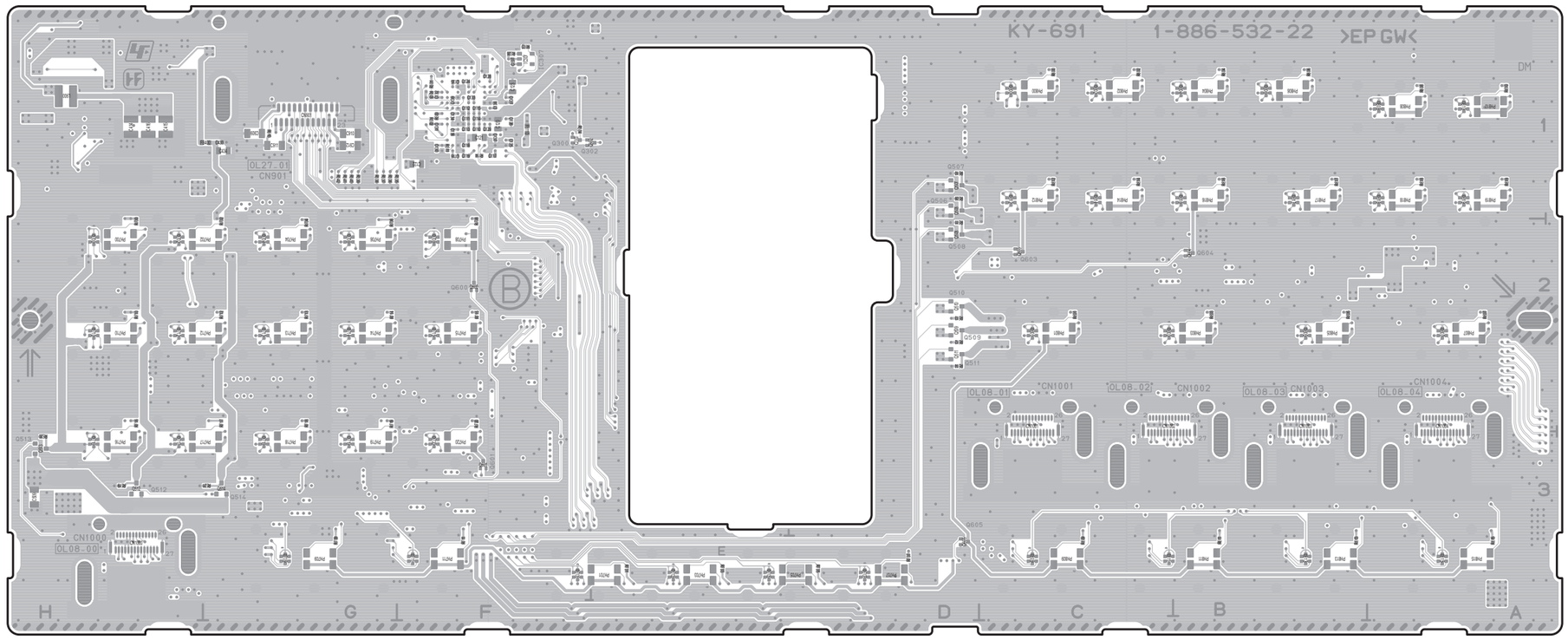



**KY-690** -B SIDE-
SUFFIX: -22

## KY-691

The location is described at the end in this section.

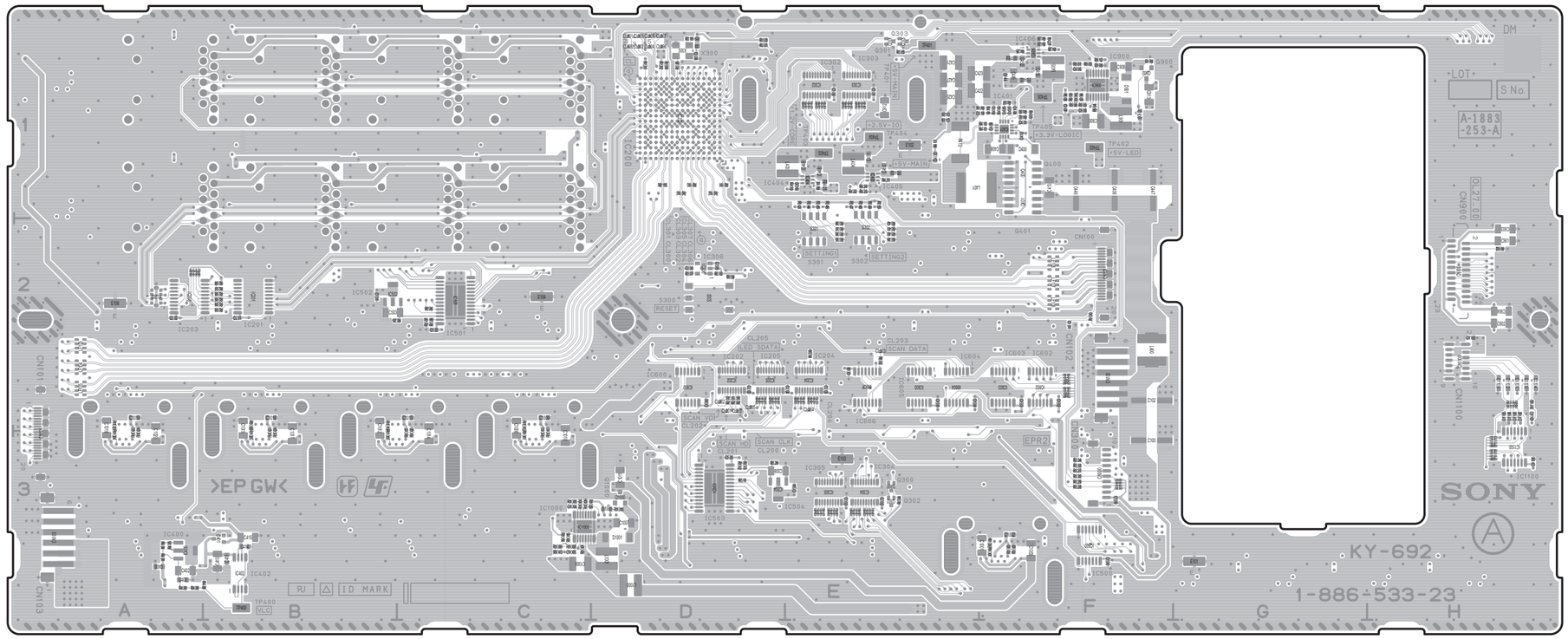




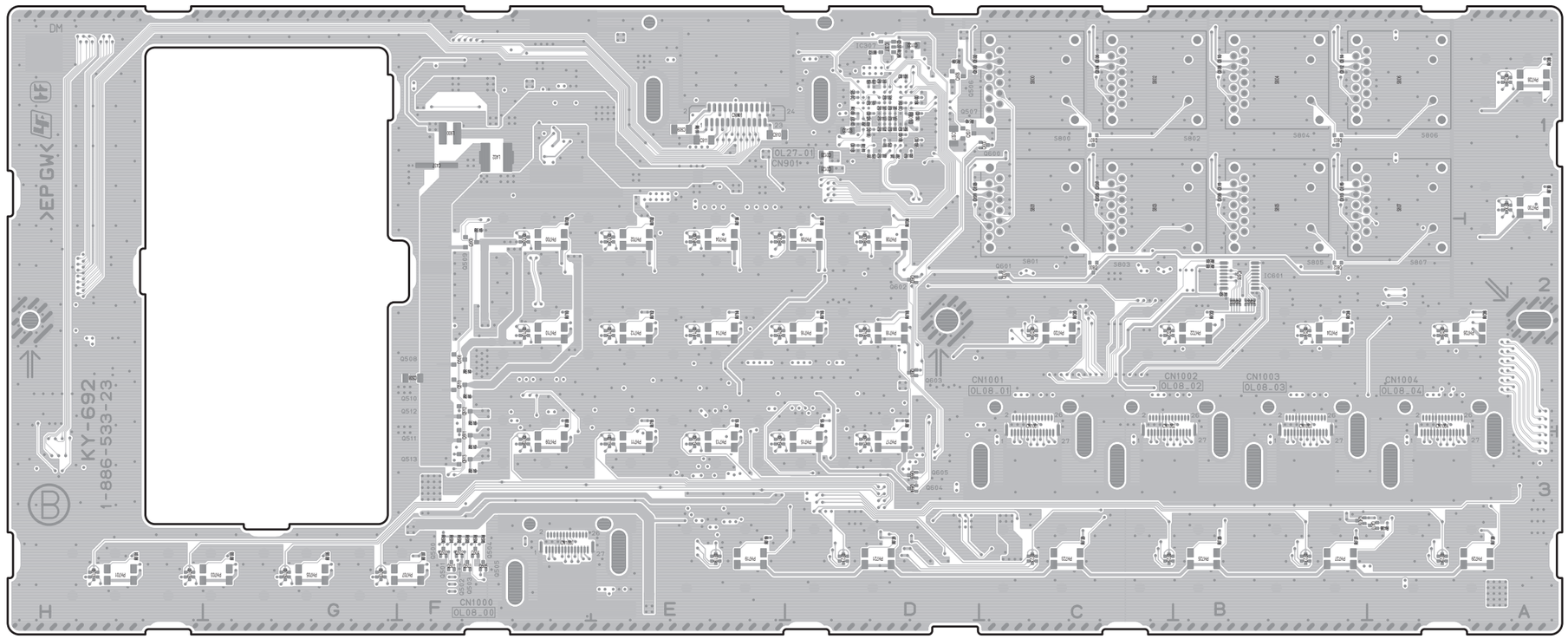

**KY-691** -B SIDE-
SUFFIX: -12, 22

## KY-692

The location is described at the end in this section.



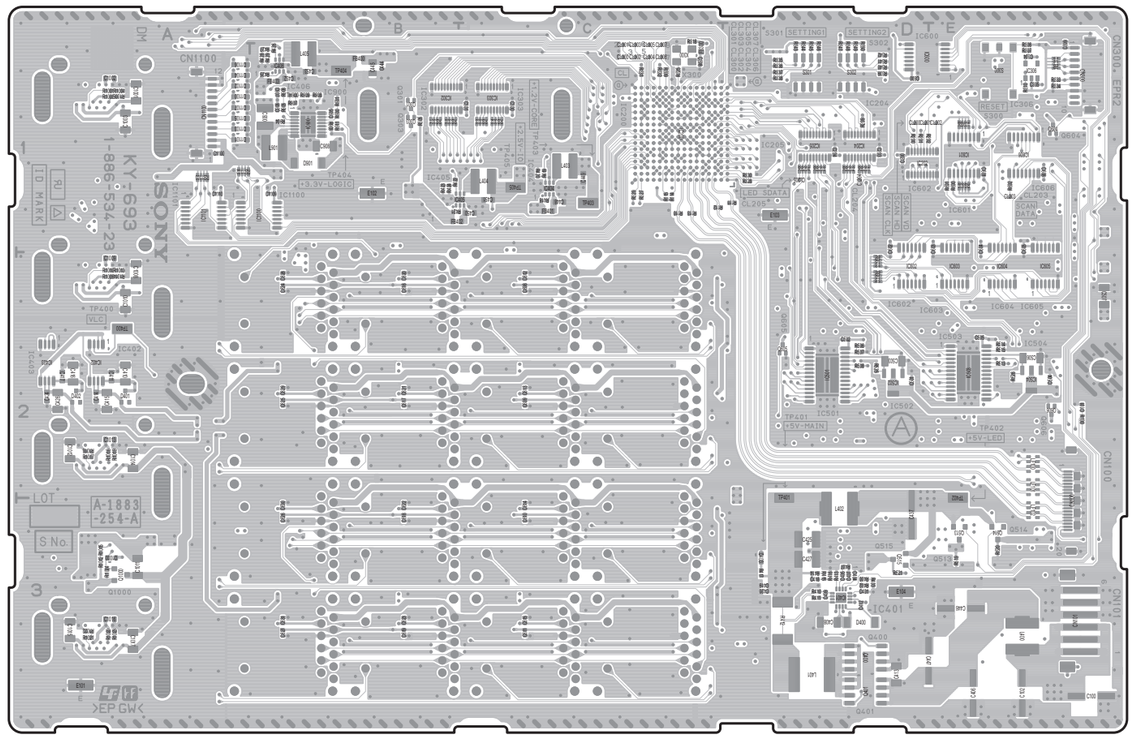

**KY-692** -A SIDE-
SUFFIX: -13, 23



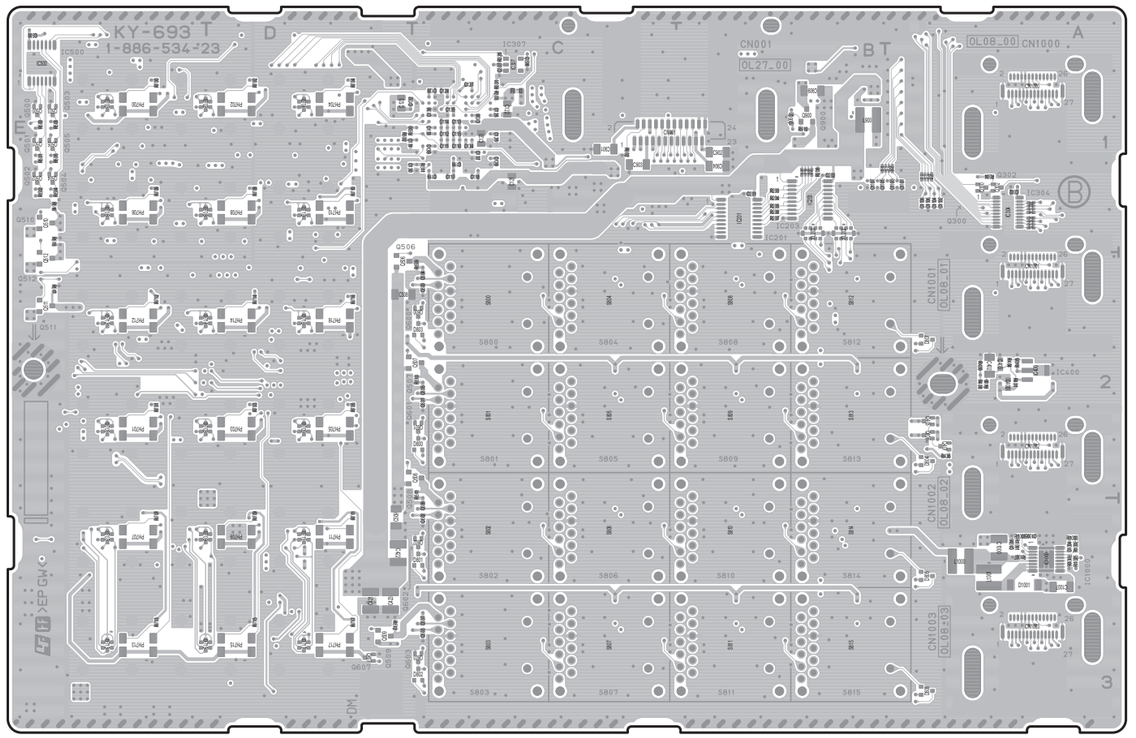

**KY-692** -B SIDE-
SUFFIX: -13, 23

## KY-693

The location is described at the end in this section.



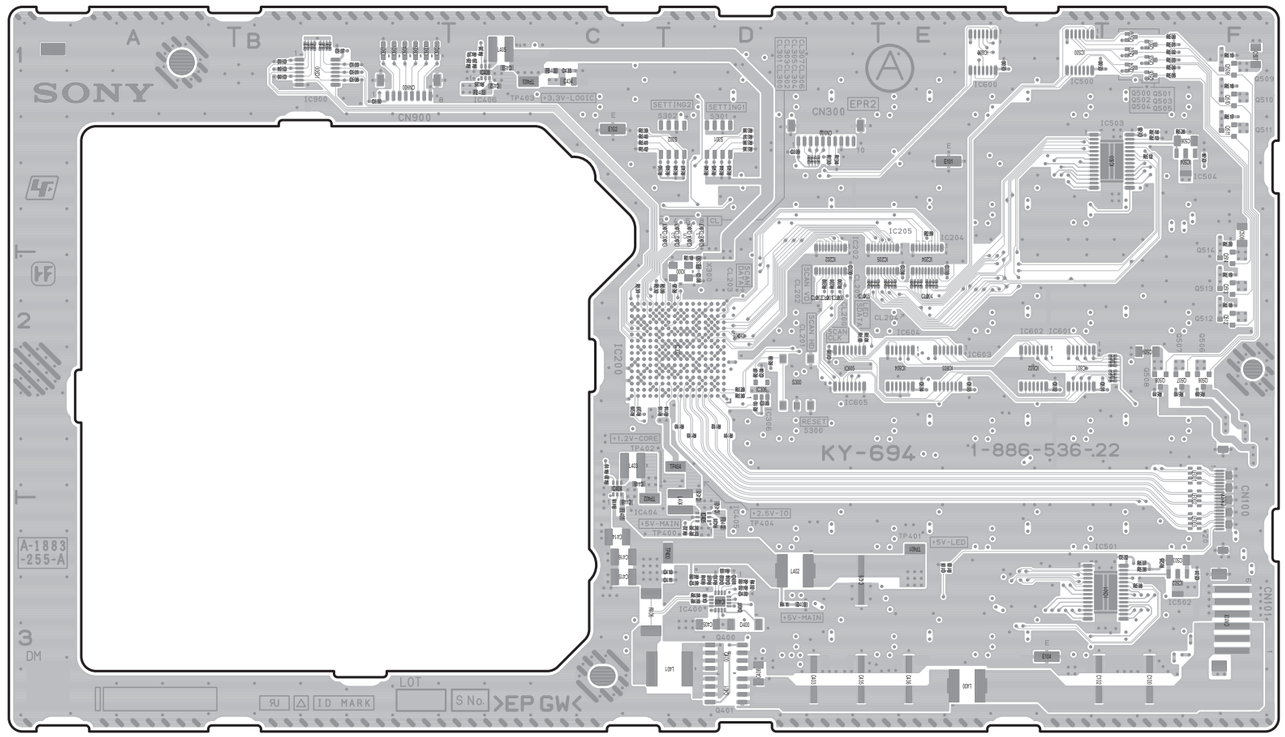

**KY-693** -A SIDE-
SUFFIX: -13, 23



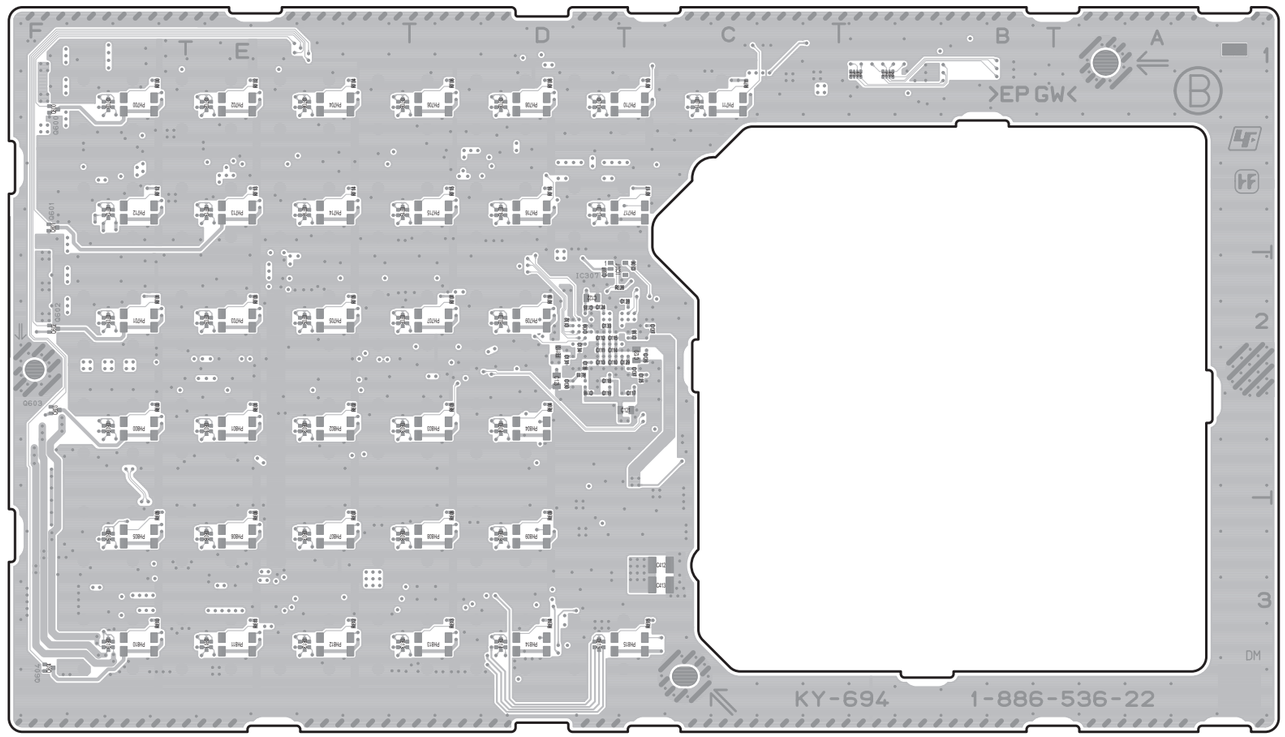

**KY-693** -B SIDE-
SUFFIX: -13, 23

## KY-694

The location is described at the end in this section.



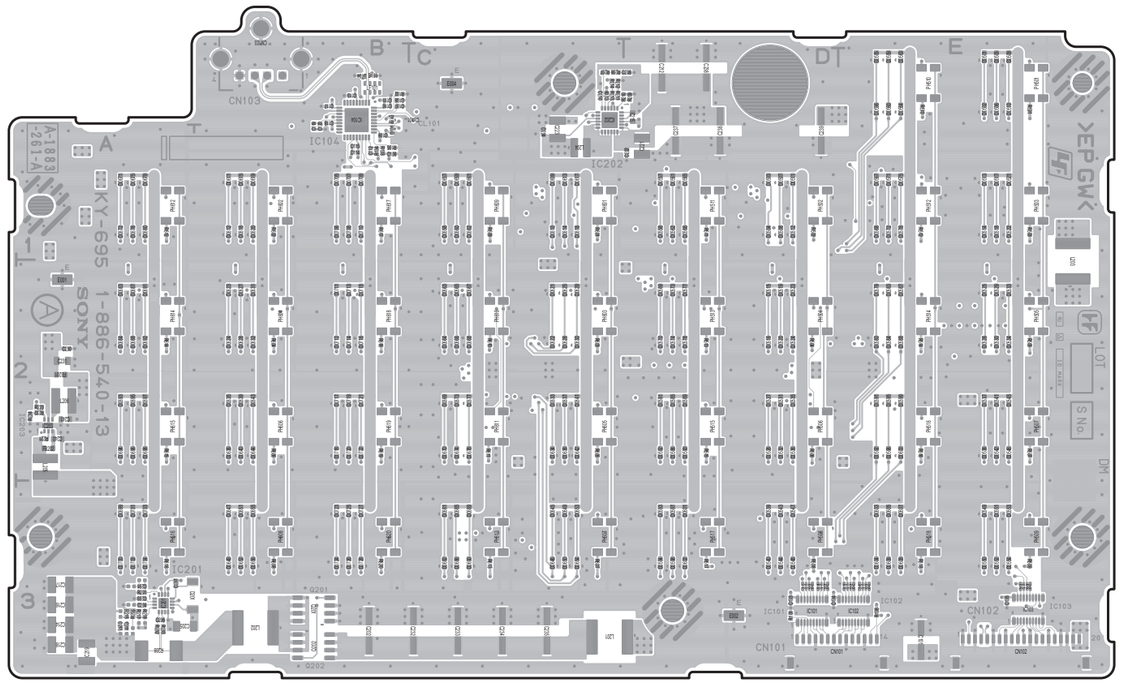

**KY-694** -A SIDE-
SUFFIX: -12, 22




**KY-694** -B SIDE-
SUFFIX: -12, 22

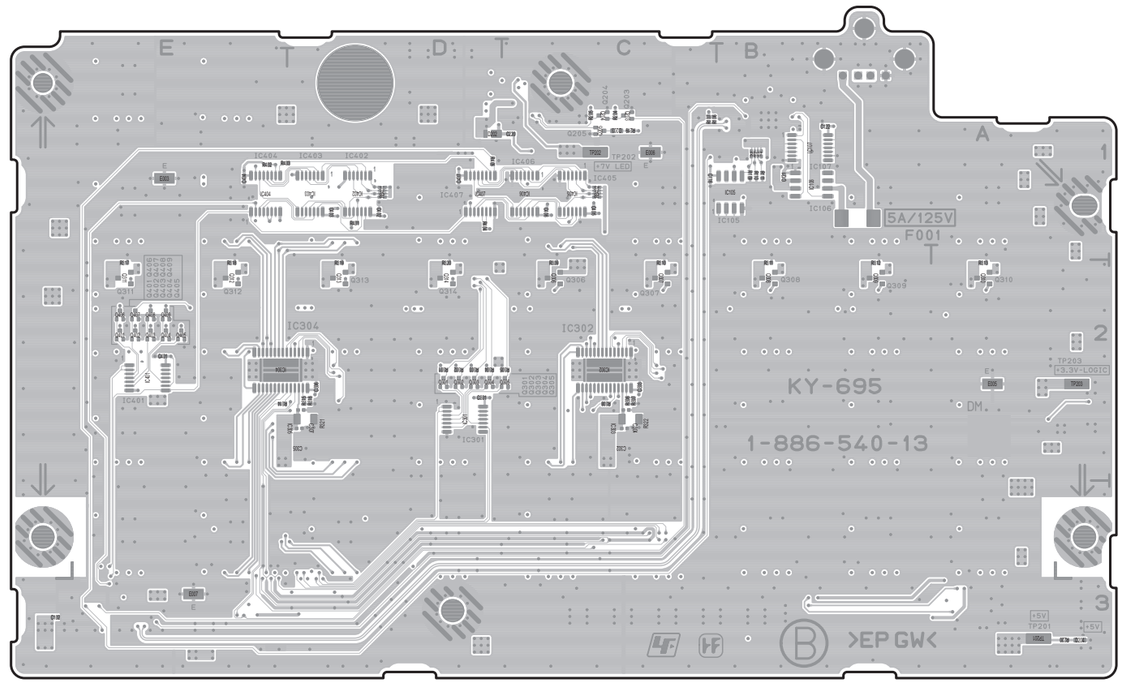
## KY-695

The location is described at the end in this section.



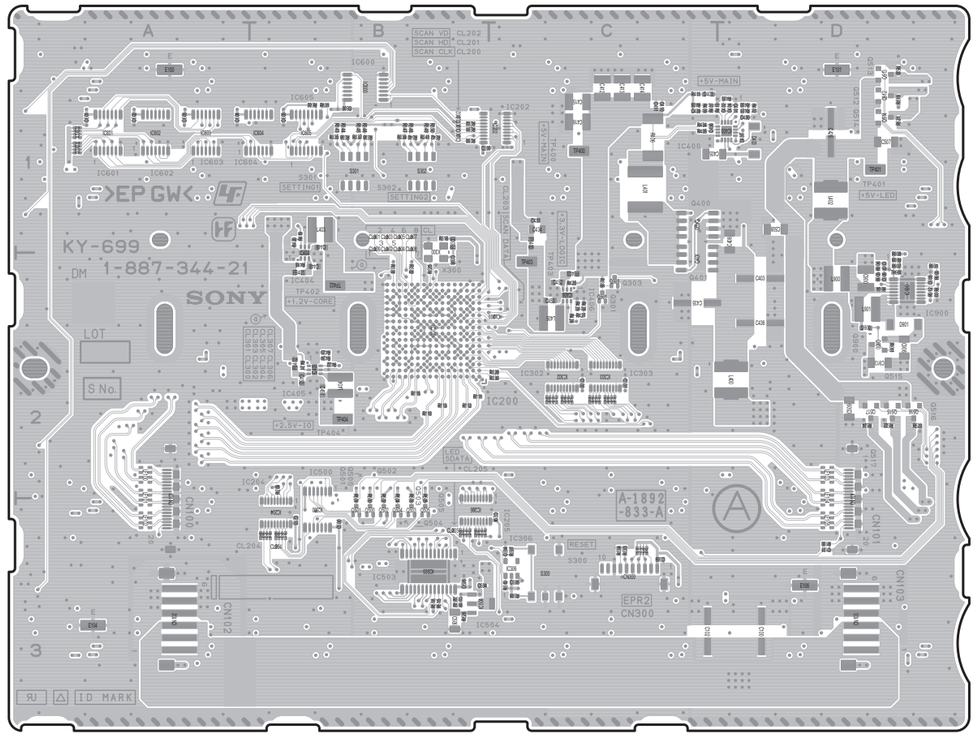

**KY-695** -A SIDE-

SUFFIX: -13, 23

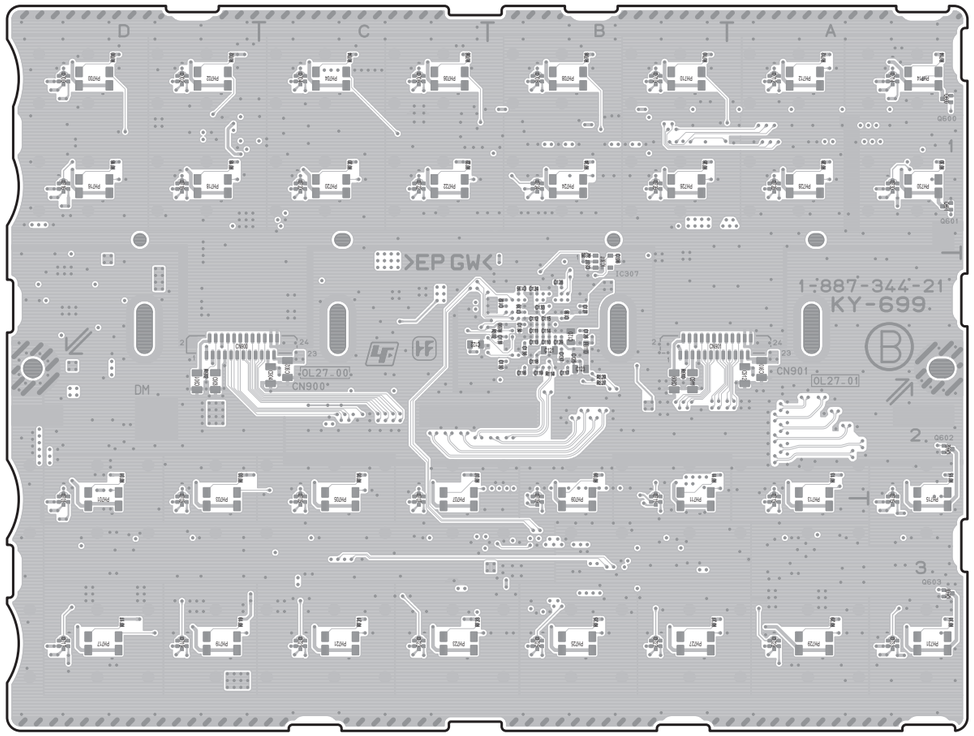


## KY-699

The location is described at the end in this section.



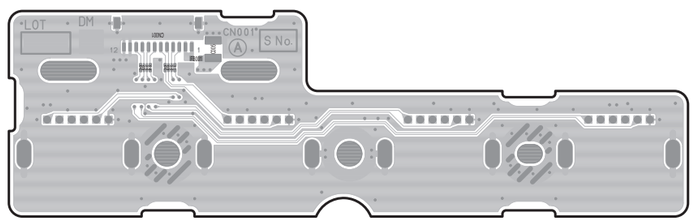

**KY-699** -A SIDE-
SUFFIX: -21



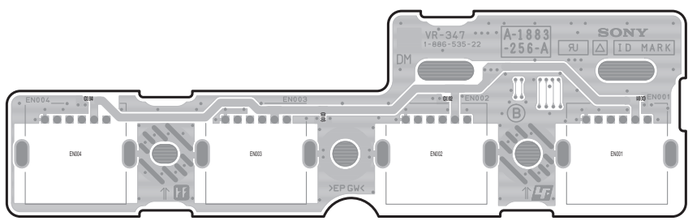

**KY-699** -B SIDE-
SUFFIX: -21

## VR-347

The location is described at the end in this section.



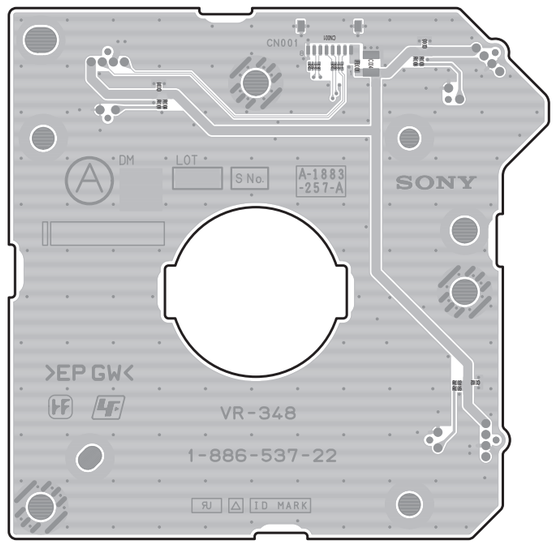

**VR-347** -A SIDE-
SUFFIX: -12, 22



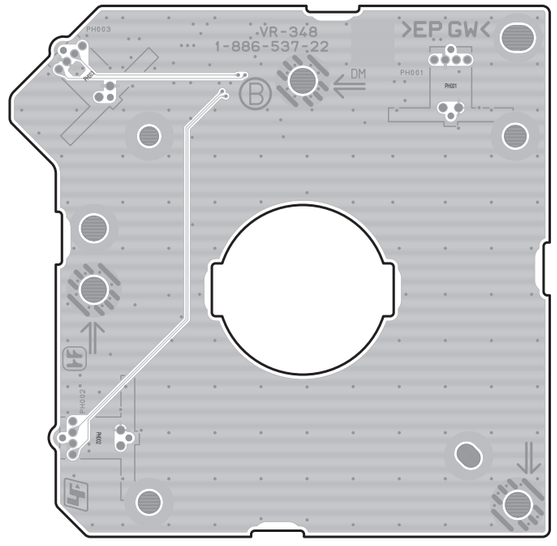

**VR-347** -B SIDE-
SUFFIX: -12, 22

## VR-348

The location is described at the end in this section.



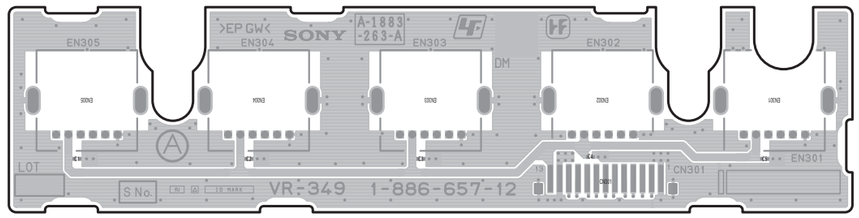

**VR-348** -A SIDE-
SUFFIX: -12, 22



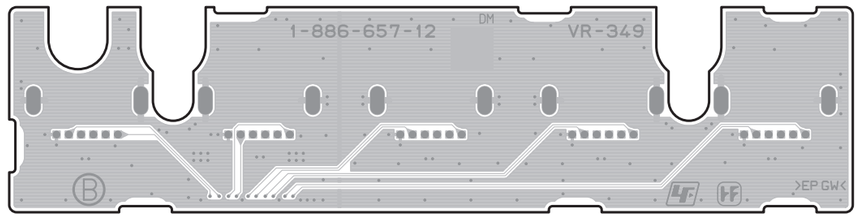

**VR-348** -B SIDE-
SUFFIX: -12, 22

## VR-349

The location is described at the end in this section.




**VR-349** -A SIDE-
SUFFIX: -12, 22




**VR-349** -B SIDE-
SUFFIX: -12, 22

## Board Parts Location

**AC-235**
1-886-527-22
*: B SIDE

| | |
|---|---|
| C101 | A1 |
| C102 | A1 |
| C105 | A1 |
| C106 | A1 |
| C201 | A1 |
| C202 | A1 |
| C205 | A1 |
| C206 | A1 |
| CN101 | A1 |
| CN102 | A1 |
| CN201 | A1 |
| CN202 | A1 |
| LF101 | A1 |
| LF201 | A1 |
| R101 | A1 |
| R201 | A1 |

**CA-86**
1-886-526-13, 23
*: B SIDE

| | |
|---|---|
| BT0201 | G1 |
| C106 | D6 |
| C111 | A2 |
| C112 | A2 |
| C113 | A2 |
| C114 | A2 |
| C115 | A2 |
| C213 | *C5 |
| C214 | *C5 |
| C215 | *C5 |
| C216 | *C5 |
| C217 | *C5 |
| C218 | *C5 |
| C219 | G3 |
| C511 | *D8 |
| C512 | *D8 |
| C513 | F3 |
| C514 | A6 |
| C614 | B6 |
| C923 | B7 |
| C924 | B7 |
| C925 | B7 |
| C927 | B7 |
| C928 | B11 |
| C929 | *D6 |
| C930 | *D6 |
| C931 | *D6 |
| C932 | *D6 |
| C933 | *D6 |
| C934 | *D6 |
| C935 | *D6 |
| C936 | *D6 |
| C937 | B11 |
| C938 | B11 |
| C939 | B12 |
| C940 | B11 |
| C941 | B11 |
| C942 | B11 |
| C943 | B11 |
| C944 | B11 |
| C945 | B11 |
| C946 | B11 |
| C947 | B12 |
| C948 | B11 |
| C949 | B11 |
| C950 | B11 |
| C951 | B11 |
| C952 | B11 |
| C960 | A6 |
| C961 | A5 |
| C962 | A7 |
| C963 | A8 |
| C964 | A6 |
| C965 | A5 |
| C966 | A7 |
| C967 | A8 |
| C1021 | C10 |
| C1022 | C10 |
| C1023 | C10 |
| C1024 | C10 |
| C1025 | *D10 |
| C1026 | D10 |
| C1101 | B5 |
| C1102 | B5 |
| C1105 | *B4 |
| C1106 | *B5 |
| C1107 | B5 |
| C1108 | B5 |
| C1110 | B5 |
| C1113 | B5 |
| C1114 | *B5 |
| C1115 | *B5 |
| C1116 | B5 |
| C1117 | B4 |
| C1118 | B5 |
| C1123 | A4 |
| C1124 | A4 |
| C1125 | A5 |
| C1126 | A5 |
| C1127 | B5 |
| C1128 | *B5 |
| C1129 | B5 |
| C1131 | B5 |
| C1132 | B5 |
| C1133 | B5 |
| C1134 | B5 |
| C1135 | B5 |
| C1201 | *B4 |
| C1202 | B4 |
| C1203 | B4 |
| C1204 | B4 |
| C1207 | B4 |
| C1208 | B4 |
| C1210 | B4 |
| C1213 | B4 |
| C1214 | *B3 |
| C1215 | *B4 |
| C1216 | B4 |
| C1217 | B3 |
| C1218 | B3 |
| C1223 | A3 |
| C1224 | A3 |
| C1225 | A4 |
| C1226 | A4 |
| C1227 | B3 |
| C1228 | *B4 |
| C1229 | *B4 |
| C1230 | B4 |
| C1231 | B4 |
| C1232 | B4 |
| C1233 | B4 |
| C1234 | B4 |
| C1301 | *D5 |
| C1302 | *D5 |
| C1303 | *D5 |
| C1304 | *D5 |
| C1305 | *C5 |
| C1306 | *C5 |
| C1307 | *C5 |
| C1308 | *C5 |
| C1309 | *D5 |
| C1310 | *C5 |
| C1311 | *C5 |
| C1312 | *D5 |
| C1313 | *C5 |
| C1314 | *C5 |
| C1315 | *C5 |
| C1316 | *C5 |
| C1317 | *C5 |
| C1318 | *C5 |
| C1319 | C5 |
| C1320 | C5 |
| C1321 | *C5 |
| C1322 | C5 |
| C1323 | *D5 |
| C1324 | *D5 |
| C1325 | *D5 |
| C1326 | *C5 |
| C1327 | *C5 |
| C1328 | *C5 |
| C1329 | *D5 |
| C1330 | *C5 |
| C1331 | *D5 |
| C1332 | *D5 |
| C1333 | *C4 |
| C1334 | *D5 |
| C1335 | *C4 |
| C1336 | *D5 |
| C1337 | *C5 |
| C1338 | *D5 |
| C1339 | *C5 |
| C1340 | *D5 |
| C1341 | *C4 |
| C1342 | *C5 |
| C1343 | *C5 |
| C1344 | *C5 |
| C1345 | *C4 |
| C1346 | *C5 |
| C1347 | *C4 |
| C1348 | *C5 |
| C1349 | *D5 |
| C1350 | *C5 |
| C1351 | *D5 |
| C1352 | *D5 |
| C1353 | *D5 |
| C1354 | *D5 |
| C1355 | *D5 |
| C1356 | *D4 |
| C1357 | *D4 |
| C1358 | *D5 |
| C1359 | *D4 |
| C1360 | *D5 |
| C1361 | *D4 |
| C1362 | *D5 |
| C1363 | *D5 |
| C1364 | *D5 |
| C1365 | *C5 |
| C1366 | *C5 |
| C1367 | *C5 |
| C1368 | *C5 |
| C1369 | *D5 |
| C1370 | *D5 |
| C1371 | *D5 |
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| JC1302 | *D5 |
| JC1303 | *C6 |
| JC1402 | H4 |
| JC1801 | F5 |
| JC1802 | F5 |
| JC1901 | F4 |
| JC1902 | F4 |
| JC1903 | F4 |
| JC1904 | F4 |
| JC1905 | F4 |
| JC1906 | G4 |
| JC1907 | F4 |
| JC1908 | F4 |
| L901 | B11 |
| L1001 | D10 |
| L1101 | B5 |
| L1201 | B3 |
| L1401 | C1 |
| L1402 | E11 |
| L1403 | G5 |
| L1502 | E9 |
| L1503 | F9 |
| L1504 | D8 |
| L1505 | A5 |
| L1506 | *B4 |
| L1601 | E4 |
| L1602 | B10 |
| L1801 | C9 |
| L001 | A9 |
| L002 | A9 |
| L003 | A9 |
| L004 | A9 |
| L0601 | B7 |
| L0602 | *B7 |
| LF001 | G10 |
| LF002 | G10 |
| LF003 | G10 |
| LF004 | G9 |
| LF005 | G9 |
| LF006 | G9 |
| LF007 | G8 |
| LF008 | G8 |
| LF009 | G8 |
| LF010 | G8 |
| LF011 | G8 |
| LF012 | G8 |
| LF013 | G7 |
| LF014 | G7 |
| LF015 | G7 |
| LF016 | G7 |
| LF017 | G7 |
| LF018 | G7 |
| LF019 | G5 |
| LF020 | G5 |
| LF021 | G5 |
| LF022 | G6 |
| LF023 | G6 |
| LF024 | G6 |
| LF901 | A7 |
| LF902 | A7 |
| PS001 | *C9 |
| Q301 | E4 |
| Q302 | E4 |
| Q801 | A10 |
| Q802 | A10 |
| Q803 | B8 |
| Q1401 | E12 |
| Q1402 | G12 |
| Q1403 | C1 |
| Q1404 | C1 |
| Q1405 | G4 |
| Q1406 | H4 |
| Q1407 | E12 |
| Q1408 | G12 |
| Q1409 | D7 |
| Q1410 | G5 |
| Q1411 | E10 |
| Q1507 | *B4 |
| Q1508 | *B4 |
| Q1509 | *A5 |
| Q1510 | *A5 |
| Q1511 | *D8 |
| Q1512 | *D8 |
| Q1601 | *F10 |
| Q1602 | *F4 |
| Q1603 | *E3 |
| Q1604 | *B10 |
| Q1605 | *B10 |
| Q1801 | C10 |
| Q1802 | C10 |
| Q1803 | C10 |
| Q1805 | F4 |
| Q1806 | F4 |
| R145 | D6 |
| R146 | D6 |
| R147 | D6 |
| R149 | *C5 |
| R150 | *C5 |
| R151 | *C5 |
| R152 | D6 |
| R153 | D6 |
| R204 | A8 |
| R205 | A8 |
| R206 | A8 |
| R207 | G1 |
| R208 | B8 |
| R209 | B8 |
| R210 | H3 |
| R211 | H3 |
| R212 | H3 |
| R213 | B8 |
| R337 | E4 |
| R338 | E4 |
| R512 | *E8 |
| R515 | *E8 |
| R516 | *E8 |
| R633 | C7 |
| R634 | C7 |
| R635 | B8 |
| R636 | C7 |
| R821 | B8 |
| R822 | A8 |
| R823 | B8 |
| R824 | B8 |
| R825 | A8 |
| R826 | B9 |
| R827 | B9 |
| R924 | *B7 |
| R925 | *B7 |
| R926 | *B7 |
| R927 | B7 |
| R928 | B7 |
| R929 | B7 |
| R934 | *D6 |
| R935 | *D6 |
| R936 | *D6 |
| R937 | *D6 |
| R938 | *D6 |
| R939 | *D6 |
| R940 | *D6 |
| R941 | *D6 |
| R942 | B11 |
| R943 | B11 |
| R944 | B11 |
| R945 | B11 |
| R946 | B11 |
| R947 | B12 |
| R948 | B11 |
| R949 | B11 |
| R1003 | *C5 |
| R1004 | *C5 |
| R1005 | *C5 |
| R1015 | C10 |
| R1101 | *C6 |
| R1102 | *C6 |
| R1103 | *C6 |
| R1104 | B5 |
| R1105 | B5 |
| R1106 | B5 |
| R1107 | B5 |
| R1108 | B5 |
| R1125 | A5 |
| R1126 | A4 |
| R1128 | B5 |
| R1129 | B5 |
| R1130 | B5 |
| R1131 | B5 |
| R1132 | B5 |
| R1133 | B5 |
| R1134 | *B5 |
| R1135 | *B5 |
| R1136 | *B5 |
| R1137 | *B5 |
| R1138 | *B5 |
| R1139 | *B5 |
| R1140 | *B5 |
| R1141 | *B5 |
| R1142 | *B5 |
| R1143 | *B5 |
| R1144 | *B5 |
| R1145 | *B5 |
| R1146 | *B5 |
| R1147 | *B5 |
| R1148 | *B5 |
| R1149 | *B5 |
| R1150 | *B5 |
| R1151 | *B5 |
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| R1153 | *B5 |
| R1154 | *B5 |
| R1155 | *B5 |
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| R1158 | *B5 |
| R1159 | *B5 |
| R1160 | *B5 |
| R1161 | *B5 |
| R1162 | *B5 |
| R1163 | *B5 |
| R1164 | *B5 |
| R1165 | *B5 |
| R1166 | *B5 |
| R1167 | *B5 |
| R1168 | *B5 |
| R1169 | *B5 |
| R1170 | *B5 |
| R1171 | *B5 |
| R1172 | *B5 |
| R1173 | *B5 |
| R1174 | C6 |
| R1175 | C6 |
| R1176 | A5 |
| R1177 | B5 |
| R1202 | B4 |
| R1203 | B4 |
| R1204 | B4 |
| R1206 | B4 |
| R1207 | B4 |
| R1208 | B4 |
| R1209 | *B4 |
| R1211 | *B4 |
| R1212 | *B4 |
| R1219 | *B4 |
| R1220 | *B4 |
| R1221 | *B4 |
| R1222 | *B4 |
| R1223 | *B4 |
| R1224 | *B4 |
| R1225 | A4 |
| R1226 | A3 |
| R1227 | A4 |
| R1235 | *B4 |
| R1236 | *B4 |
| R1237 | *B4 |
| R1238 | *B4 |
| R1239 | *B4 |
| R1240 | B4 |
| R1268 | B4 |
| R1269 | B4 |
| R1270 | B4 |
| R1271 | B4 |
| R1272 | B4 |

Continued

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|---|---|---|---|---|---|---|---|---|
| R1273 | *C6 | R1464 | E11 | R1806 | E4 | R2042 | F8 | R0111 | *C6 |
| R1274 | *B4 | R1465 | E11 | R1807 | E4 | R2043 | E8 | R0112 | *D6 |
| R1275 | *B4 | R1466 | E11 | R1808 | E4 | R2044 | E8 | R0113 | D6 |
| R1276 | *B4 | R1467 | G5 | R1809 | F5 | R2045 | F8 | R0114 | D6 |
| R1277 | *B4 | R1468 | *G5 | R1810 | F4 | R2046 | F8 | R0115 | *D6 |
| R1278 | *B4 | R1469 | *G5 | R1811 | C9 | R2047 | E9 | R0116 | *D6 |
| R1279 | *B4 | R1470 | *G4 | R1812 | F4 | R2048 | E8 | R0117 | *D6 |
| R1280 | *B4 | R1471 | E12 | R1813 | F5 | R2049 | F8 | R0118 | *D6 |
| R1281 | *B4 | R1472 | E12 | R1814 | F5 | R2050 | F8 | R0119 | *D6 |
| R1282 | *B4 | R1473 | E12 | R1815 | F4 | R2101 | F9 | R0120 | *C6 |
| R1283 | *B4 | R1474 | G12 | R1816 | F4 | R2102 | F10 | R0121 | D6 |
| R1284 | *B4 | R1475 | G12 | R1817 | G5 | R2103 | F9 | R0122 | *D6 |
| R1285 | *B4 | R1476 | G12 | R1818 | G5 | R2104 | F10 | R0123 | D6 |
| R1286 | *B4 | R1477 | G4 | R1819 | F5 | R2105 | F10 | R0124 | *D6 |
| R1287 | *B4 | R1478 | G4 | R1820 | F5 | R2106 | F10 | R0125 | *D6 |
| R1288 | *B4 | R1479 | G4 | R1821 | F5 | R2201 | E8 | R0126 | *C6 |
| R1289 | *B4 | R1517 | E9 | R1822 | F5 | R2202 | E8 | R0127 | *D6 |
| R1290 | *B4 | R1520 | E9 | R1823 | F5 | R2203 | *E7 | R0128 | *D6 |
| R1291 | *B4 | R1527 | E10 | R1824 | F5 | R2204 | E7 | R0129 | *D5 |
| R1292 | *B4 | R1528 | E10 | R1825 | F5 | R2205 | *E7 | R0130 | *D6 |
| R1293 | *B4 | R1529 | E10 | R1826 | F5 | R2206 | *E7 | R0131 | *D5 |
| R1294 | *B4 | R1530 | E10 | R1827 | F4 | R2207 | F1 | R0132 | *D6 |
| R1295 | *B4 | R1531 | E10 | R1828 | C10 | R2208 | F1 | R0133 | *D5 |
| R1296 | *B4 | R1532 | E10 | R1829 | C10 | R2209 | F1 | R0134 | *D5 |
| R1297 | *B4 | R1533 | F9 | R1830 | B10 | R2210 | F1 | R0135 | *D6 |
| R1298 | *B4 | R1534 | F9 | R1901 | F7 | R2211 | E7 | R0136 | *D6 |
| R1299 | *B4 | R1535 | F10 | R1902 | F6 | R2212 | F1 | R0137 | D6 |
| R1301 | *D5 | R1536 | F10 | R1903 | F6 | R2213 | *E7 | R0138 | *C6 |
| R1302 | *D5 | R1537 | F10 | R1904 | E5 | R2214 | F1 | R0139 | D6 |
| R1303 | *C6 | R1538 | F10 | R1905 | F5 | R2215 | F1 | R0140 | D6 |
| R1304 | *C5 | R1539 | F10 | R1906 | F5 | R2216 | E1 | R0141 | D6 |
| R1305 | *C5 | R1544 | D8 | R1907 | F5 | R2217 | F1 | R0142 | D6 |
| R1306 | *C5 | R1545 | D8 | R1908 | F5 | R2218 | F1 | R0143 | D6 |
| R1307 | *C5 | R1546 | D9 | R1909 | F5 | R2219 | F1 | R0144 | *D6 |
| R1308 | *C5 | R1547 | D9 | R1910 | F5 | R2220 | F2 | R0148 | *C5 |
| R1309 | *C5 | R1548 | D8 | R1911 | F4 | R2221 | F2 | R0201 | *C4 |
| R1310 | *D5 | R1549 | D8 | R1912 | F4 | R2222 | F2 | R0202 | *C5 |
| R1314 | A4 | R1550 | D8 | R1913 | F4 | R2223 | E2 | R0203 | *C4 |
| R1315 | B4 | R1551 | D8 | R1914 | F4 | R2224 | *E7 | R0301 | *D5 |
| R1316 | A4 | R1560 | *B4 | R1915 | F4 | R2225 | *E7 | R0302 | *D5 |
| R1401 | G4 | R1569 | *A5 | R1916 | G4 | R2226 | *E7 | R0303 | *D5 |
| R1402 | G4 | R1570 | *D8 | R1917 | F4 | R2303 | *F6 | R0304 | *D5 |
| R1403 | G4 | R1571 | *D8 | R1918 | F4 | R2304 | F6 | R0313 | *D5 |
| R1404 | G4 | R1572 | A5 | R2001 | *F8 | R2305 | *F6 | R0314 | *D5 |
| R1405 | *G4 | R1573 | A5 | R2002 | F8 | R2306 | F6 | R0315 | *D5 |
| R1406 | D1 | R1574 | A5 | R2003 | F8 | R2308 | *F7 | R0316 | *D5 |
| R1407 | D1 | R1575 | A5 | R2004 | *E8 | R2309 | *F8 | R0327 | D4 |
| R1408 | E12 | R1576 | C4 | R2006 | *F8 | R2310 | *F8 | R0328 | D4 |
| R1409 | G12 | R1577 | C4 | R2007 | *F8 | R2311 | *F7 | R0329 | C4 |
| R1410 | D1 | R1578 | C4 | R2008 | *F8 | R2312 | *F7 | R0330 | C4 |
| R1411 | *G4 | R1579 | B4 | R2009 | *F8 | R2313 | *F7 | R0331 | D4 |
| R1412 | C1 | R1601 | F3 | R2010 | *F8 | R2314 | F8 | R0332 | D4 |
| R1413 | C1 | R1602 | F3 | R2011 | E8 | R2315 | F7 | R0333 | E4 |
| R1414 | C1 | R1603 | F3 | R2012 | E9 | R2316 | F7 | R0334 | E4 |
| R1418 | E12 | R1604 | F3 | R2013 | F9 | R2317 | *F8 | R0335 | E4 |
| R1420 | G12 | R1605 | F3 | R2014 | E9 | R2318 | *F7 | R0336 | E4 |
| R1421 | H4 | R1606 | F3 | R2015 | E9 | R2319 | *F7 | R0401 | E3 |
| R1422 | H4 | R1607 | F3 | R2016 | F9 | R2320 | *F7 | R0402 | E3 |
| R1423 | H4 | R1608 | F3 | R2017 | E9 | R2321 | F8 | R0501 | *E8 |
| R1424 | H3 | R1609 | B10 | R2018 | E8 | R2322 | F7 | R0502 | F3 |
| R1425 | H3 | R1610 | B10 | R2019 | E8 | R2323 | F7 | R0503 | B6 |
| R1426 | H3 | R1611 | B10 | R2020 | E9 | R2324 | F7 | R0505 | F3 |
| R1427 | H3 | R1612 | B10 | R2021 | F9 | R2325 | *F7 | R0506 | B6 |
| R1428 | E12 | R1613 | B10 | R2022 | E8 | R2326 | *F7 | R0507 | F3 |
| R1429 | G12 | R1614 | B10 | R2023 | E8 | R2327 | F7 | R0508 | F3 |
| R1430 | H3 | R1615 | B10 | R2024 | F9 | R2328 | *F6 | R0509 | F3 |
| R1445 | G5 | R1616 | B10 | R2025 | E8 | R2329 | F7 | R0510 | F4 |
| R1446 | E10 | R1617 | B10 | R2026 | E8 | R2330 | *F7 | R0511 | G4 |
| R1447 | D7 | R1618 | F10 | R2027 | F9 | R2331 | F7 | R0517 | F4 |
| R1448 | D7 | R1619 | F10 | R2028 | F9 | R2332 | F7 | R0518 | G4 |
| R1449 | D7 | R1620 | F10 | R2029 | F9 | R2333 | F7 | R0601 | B6 |
| R1450 | D7 | R1621 | F10 | R2030 | F9 | R2334 | F7 | R0602 | B7 |
| R1451 | D7 | R1622 | F10 | R2031 | F9 | | | R0604 | B6 |
| R1452 | D7 | R1623 | *F10 | R2032 | F9 | R0101 | E6 | R0605 | B7 |
| R1453 | F12 | R1624 | *E4 | R2033 | F9 | R0102 | *C5 | R0609 | B7 |
| R1454 | H12 | R1625 | *E3 | R2034 | F9 | R0103 | C6 | R0610 | C7 |
| R1455 | E12 | R1626 | *B10 | R2035 | F8 | R0104 | C6 | R0611 | C7 |
| R1456 | E12 | R1627 | *B10 | R2036 | F9 | R0105 | *C5 | R0612 | C7 |
| R1457 | G12 | R1801 | F4 | R2037 | F8 | R0106 | C6 | R0613 | C7 |
| R1458 | G12 | R1802 | F4 | R2038 | F8 | R0107 | *C5 | R0614 | B6 |
| R1460 | G5 | R1803 | F4 | R2039 | F8 | R0108 | *D6 | R0615 | B6 |
| R1462 | E10 | R1804 | F4 | R2040 | F8 | R0109 | *D5 | R0616 | C7 |
| R1463 | E11 | R1805 | F4 | R2041 | F8 | R0110 | *D6 | R0617 | C7 |

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|---|---|---|---|---|---|---|---|---|---|
| R0618 | C7 | R0902 | B7 | R0728 | *D5 | RB1802 | F5 | C233 | A3 |
| R0619 | C7 | R0903 | B7 | R0729 | D5 | RB1803 | *A2 | C234 | A3 |
| R0620 | B7 | R0904 | B7 | R0730 | D5 | RB1804 | F4 | C235 | B3 |
| R0621 | B7 | R0905 | B7 | R0731 | *D5 | RB1805 | *A3 | C236 | B3 |
| R0622 | B7 | R0906 | B7 | R0732 | *D5 | RB1806 | F4 | C237 | E4 |
| R0623 | B7 | R0907 | B6 | R0733 | *D5 | RB1907 | *F5 | C301 | A1 |
| R0624 | B7 | R0908 | B6 | R0734 | D5 | RB2101 | *F9 | C302 | A1 |
| R0625 | B7 | R0909 | B6 | R0735 | *D5 | RB2102 | *F9 | C303 | A1 |
| R0626 | B7 | R0911 | B7 | R0736 | *D5 | RB2103 | *F9 | C304 | A1 |
| R0627 | B7 | R0912 | B7 | R0737 | *D5 | RB2104 | *F9 | C305 | A1 |
| R0628 | C7 | R0913 | B11 | R0738 | *D5 | RB2105 | *F9 | C306 | A1 |
| R0629 | B7 | R0914 | B11 | R0739 | *D5 | RB2106 | *F9 | C307 | A1 |
| R0630 | C7 | R0915 | B11 | R0740 | *D5 | RB2301 | F7 | C308 | A1 |
| R0631 | C7 | R0916 | B11 | R0741 | *D5 | | | C309 | A1 |
| R0632 | C7 | R0917 | B12 | R0742 | *D5 | S1801 | A2 | C310 | A1 |
| R0701 | *E7 | R0918 | B11 | R0743 | *D5 | S1802 | G5 | C311 | A2 |
| R0702 | D5 | R0919 | B11 | R0744 | *D5 | S1904 | A1 | C312 | B4 |
| R0703 | *D5 | R0920 | B6 | R0745 | *D5 | S1905 | F6 | C401 | A2 |
| R0704 | D5 | R0921 | B6 | R0746 | *D5 | | | C402 | E4 |
| R0705 | D5 | R0922 | B7 | R0747 | *D5 | TH1401 | G4 | C403 | D3 |
| R0706 | *D5 | R0923 | B7 | R0748 | D5 | THP801 | A9 | C404 | D3 |
| R0707 | *D5 | R0930 | B7 | R0749 | D5 | | | C405 | D3 |
| R0708 | D5 | R0931 | B7 | R0750 | D5 | TP1401 | F12 | C406 | D3 |
| R0709 | *D5 | R0932 | *D5 | R0751 | D5 | TP1402 | H12 | C407 | D3 |
| R0710 | *D5 | R0933 | *D5 | R0802 | *B9 | | | C408 | D4 |
| R0711 | D5 | | | R0804 | B9 | VDR801 | A9 | C409 | D4 |
| R0712 | *D5 | RB001 | *E1 | R0805 | A9 | VDR802 | A9 | C410 | D4 |
| R0713 | *D5 | RB0501 | B6 | R0806 | A9 | VDR803 | A9 | C411 | D4 |
| R0714 | *D5 | RB0601 | B7 | R0807 | A9 | VDR804 | A9 | C412 | D4 |
| R0715 | D5 | RB0602 | B7 | R0808 | A9 | VDR805 | A9 | C423 | C3 |
| R0718 | *D5 | RB0603 | B7 | R0809 | A9 | VDR806 | A9 | C424 | C4 |
| R0719 | D5 | RB0604 | B7 | R0810 | A9 | VDR807 | A9 | C425 | E3 |
| R0720 | D5 | RB0605 | C7 | R0811 | A9 | VDR808 | A9 | C426 | E3 |
| R0721 | *D5 | RB0606 | C7 | R0812 | A9 | | | C427 | E3 |
| R0722 | *D5 | RB0607 | B7 | R0813 | A9 | X2001 | F8 | C428 | E3 |
| R0723 | *D5 | RB0608 | B7 | R0814 | A9 | | | C429 | D3 |
| R0724 | D5 | RB0609 | B8 | R0815 | A9 | X0501 | *E8 | C430 | D3 |
| R0725 | *D5 | RB0610 | B8 | R0816 | A10 | X0502 | F3 | C431 | D3 |
| R0726 | *E7 | RB0801 | B9 | R0817 | A10 | X0503 | B6 | C432 | D2 |
| R0727 | *D5 | RB1801 | F5 | R0818 | A10 | X0601 | B6 | C433 | D2 |
| R0728 | *D5 | RB1802 | F5 | R0819 | A10 | X0602 | B7 | C434 | D2 |
| R0729 | D5 | RB1803 | *A2 | R0820 | A10 | | | C435 | D3 |
| R0730 | D5 | RB1804 | F4 | R0901 | B6 | | | C436 | D4 |

**CN-3538**
1-886-538-12, 22
*: B SIDE

| | | | |
|---|---|---|---|
| C100 | A1 | | |
| C101 | A1 | | |
| CN100 | A1 | | |
| EN100 | *A1 | | |
| FB100 | A1 | | |
| R100 | A1 | | |
| R101 | A1 | | |
| R102 | A1 | | |
| R103 | A1 | | |

**CN-3539**
1-886-539-12, 22
*: B SIDE

| | | | |
|---|---|---|---|
| CN100 | *A1 | | |
| D100 | *A1 | | |
| D101 | *A1 | | |
| D102 | *A1 | | |
| R100 | *A1 | | |
| R101 | *A1 | | |
| R102 | *A1 | | |
| S101 | *A1 | | |

**IF-1196**
1-886-541-13, 23
*: B SIDE

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| BZ301 | B4 | C437 | D4 | CL602 | C4 | E008 | E3 | R105 | C3 |
| | | C438 | D3 | CL603 | C4 | | | R106 | B4 |
| C120 | B4 | C439 | D3 | CL604 | C4 | F401 | B2 | R107 | B4 |
| C121 | C3 | C501 | D1 | CL605 | C4 | | | R108 | B4 |
| C201 | E4 | C502 | D1 | CL606 | C4 | FB001 | D4 | R109 | C3 |
| C202 | B3 | C503 | D1 | CL607 | C4 | FB002 | D3 | R110 | C3 |
| C203 | B3 | C504 | D1 | CL608 | C4 | FB600 | *C4 | R111 | C3 |
| C204 | *B3 | C505 | D1 | CL609 | C4 | FB601 | C4 | R112 | C3 |
| C205 | *B3 | C506 | D1 | CL610 | C4 | | | R113 | C2 |
| C206 | *B3 | C507 | D1 | CL611 | C4 | IC101 | C3 | R114 | C3 |
| C207 | *B3 | C508 | D1 | CL612 | C3 | IC102 | D2 | R115 | C3 |
| C208 | *B3 | C509 | D1 | CL613 | C3 | IC103 | C3 | R116 | D3 |
| C209 | B3 | C510 | A4 | CL614 | C3 | IC104 | B4 | R117 | C3 |
| C210 | B3 | C511 | A4 | CL615 | C3 | IC201 | B3 | R118 | C2 |
| C211 | E4 | C512 | D1 | CL616 | C3 | IC202 | A3 | R119 | C2 |
| C212 | B3 | C513 | D1 | CL617 | C3 | IC203 | E4 | R120 | C2 |
| C213 | E4 | C514 | D1 | CL618 | C3 | IC204 | E4 | R201 | A3 |
| C214 | B3 | C515 | D1 | CL619 | C3 | IC206 | B2 | R202 | A3 |
| C215 | B3 | C516 | A4 | CL620 | C3 | IC301 | A1 | R203 | E4 |
| C216 | B3 | C600 | *C3 | CL621 | C3 | IC302 | A1 | R204 | A3 |
| C217 | B3 | C601 | *C3 | CL622 | C4 | IC303 | B4 | R205 | A3 |
| C218 | B3 | C602 | *C3 | CL623 | C4 | IC403 | C3 | R206 | E4 |
| C219 | B3 | C603 | *C3 | CL624 | C3 | IC404 | C4 | R207 | E4 |
| C220 | B3 | C604 | *C3 | CL625 | C3 | IC405 | D3 | R208 | E4 |
| C221 | B3 | C605 | *C3 | CL626 | C3 | IC406 | D4 | R209 | B3 |
| C222 | A3 | C606 | *C3 | CL627 | C3 | IC407 | D3 | R210 | B3 |
| C223 | A3 | C607 | *C3 | CL628 | C3 | IC501 | A4 | R211 | B3 |
| C224 | B3 | C608 | *C3 | CL629 | C3 | IC502 | A4 | R212 | B3 |
| C225 | *A3 | C609 | *C3 | CL630 | C4 | IC503 | D1 | R213 | B3 |
| C226 | *A3 | C610 | C3 | CL631 | C3 | IC504 | D1 | R214 | B3 |
| C227 | *A3 | C611 | *C3 | CL632 | C3 | IC505 | A4 | R215 | B3 |
| C228 | B3 | C612 | *C3 | CL633 | C3 | IC600 | C3 | R216 | B3 |
| C229 | A3 | C613 | *C4 | | | IC601 | C4 | R217 | A2 |
| C230 | A3 | C614 | *C3 | CN101 | C2 | IC602 | C4 | R218 | A2 |
| C231 | A3 | C615 | *C3 | CN201 | B2 | | | R219 | A3 |
| C232 | A3 | C616 | *C3 | CN202 | E4 | JC201 | B3 | R220 | B2 |
| C233 | A3 | C617 | *C3 | CN203 | A3 | JC202 | B3 | R221 | B2 |
| C234 | A3 | C618 | *C3 | CN301 | A2 | JC203 | B3 | R222 | E3 |
| C235 | B3 | C619 | *C3 | CN401 | B2 | JC204 | B3 | R223 | A3 |
| C236 | B3 | C620 | *C3 | CN502 | A4 | JC205 | B2 | R224 | A3 |
| C237 | E4 | C621 | *C3 | CN503 | A3 | JC206 | B3 | R225 | A3 |
| C301 | A1 | C622 | *C3 | CN504 | D1 | JC207 | B3 | R301 | A2 |
| C302 | A1 | C623 | *C3 | CN600 | D4 | JC208 | B3 | R302 | A1 |
| C303 | A1 | C624 | *C3 | | | JC209 | B3 | R303 | A1 |
| C304 | A1 | C625 | *C3 | D101 | C2 | JC210 | A3 | R304 | A2 |
| C305 | A1 | C626 | *C3 | D102 | C2 | JC211 | A3 | R305 | A2 |
| C306 | A1 | C627 | *C3 | D103 | C2 | JC212 | A3 | R306 | A2 |
| C307 | A1 | C628 | *C3 | D201 | B2 | JC213 | A2 | R307 | A2 |
| C308 | A1 | C629 | *C3 | D202 | B2 | JC214 | A2 | R308 | A1 |
| C309 | A1 | C630 | C4 | D203 | E4 | JC215 | B3 | R309 | A1 |
| C310 | A1 | C631 | C4 | D301 | A1 | JC401 | E3 | R310 | A1 |
| C311 | A2 | C632 | C4 | D302 | A1 | | | R311 | A1 |
| C312 | B4 | C633 | C4 | D303 | A2 | L201 | E4 | R312 | A1 |
| C401 | A2 | C634 | C4 | D304 | B4 | L202 | C2 | R313 | A1 |
| C402 | E4 | C635 | D4 | D305 | A2 | L203 | C2 | R314 | A2 |
| C403 | D3 | C0101 | B4 | D306 | A2 | L204 | B2 | R315 | A2 |
| C404 | D3 | C0102 | C2 | D307 | A2 | L205 | B2 | R316 | A2 |
| C405 | D3 | C0103 | C3 | D308 | A2 | L206 | A2 | R317 | A2 |
| C406 | D3 | C0104 | C3 | D401 | E3 | L207 | A2 | R318 | A2 |
| C407 | D3 | C0105 | C3 | D402 | D3 | L208 | A3 | R319 | A1 |
| C408 | D4 | C0106 | C3 | D403 | C4 | L209 | A3 | R320 | A1 |
| C409 | D4 | C0107 | C3 | D404 | E3 | L210 | A3 | R321 | A1 |
| C410 | D4 | C0108 | C3 | D405 | E2 | L401 | D3 | R322 | A1 |
| C411 | D4 | C0109 | D2 | D501 | D1 | L402 | D4 | R323 | A1 |
| C412 | D4 | C0110 | D2 | D502 | D1 | L403 | D4 | R324 | A1 |
| C423 | C3 | C0111 | *C3 | D503 | D1 | | | R325 | A1 |
| C424 | C4 | C0112 | D3 | D504 | D1 | LF101 | C3 | R326 | A1 |
| C425 | E3 | C0113 | D3 | D505 | D1 | LF102 | D3 | R327 | B4 |
| C426 | E3 | C0114 | D3 | D506 | D1 | | | R328 | A2 |
| C427 | E3 | C0115 | D3 | D507 | D1 | Q201 | E4 | R329 | A2 |
| C428 | E3 | C0116 | D2 | D508 | D1 | Q301 | A2 | R330 | A2 |
| C429 | D3 | C0117 | C3 | D509 | D1 | Q302 | A2 | R331 | A2 |
| C430 | D3 | C0118 | D3 | D510 | D1 | Q303 | A2 | R401 | E3 |
| C431 | D3 | C0119 | D3 | DD401 | D3 | Q304 | A2 | R402 | E3 |
| C432 | D2 | CL101 | C3 | E001 | D2 | Q401 | E3 | R403 | E3 |
| C433 | D2 | CL201 | B3 | E002 | A3 | Q402 | E2 | R404 | D3 |
| C434 | D2 | CL202 | B3 | E003 | A2 | Q403 | C3 | R405 | D3 |
| C435 | D3 | CL203 | B3 | E004 | B4 | Q404 | C4 | R406 | D3 |
| C436 | D4 | CL204 | B3 | E005 | C3 | | | R407 | D3 |
| | | CL600 | C4 | E006 | D4 | R101 | B4 | R408 | D3 |
| | | CL601 | C4 | E007 | D2 | R102 | C2 | R423 | C3 |
| | | | | | | R103 | C3 | R424 | C4 |
| | | | | | | R104 | C2 | R425 | E3 |

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|---|---|---|---|---|---|---|---|---|---|
| R426 | E3 | RB201 | B2 | C100 | A3 | C300 | D1 | C0201 | *D2 |
| R427 | E3 | RB502 | D1 | C101 | A3 | C301 | E2 | C0202 | *D2 |
| R428 | E3 | RB503 | D1 | C102 | A3 | C302 | D3 | C0203 | *D2 |
| R429 | E3 | RB504 | D1 | C110 | *D2 | C303 | D3 | C0204 | *D2 |
| R430 | E3 | RB505 | D1 | C111 | *D2 | C304 | *D2 | C0205 | *D2 |
| R431 | E3 | RB506 | D1 | C112 | *D2 | C305 | *D2 | C0206 | *D2 |
| R432 | E3 | RB507 | D1 | C113 | *D2 | C306 | D2 | C0207 | *D2 |
| R433 | E3 | RB600 | D4 | C114 | *D2 | C307 | E3 | C0208 | *D2 |
| R434 | E3 | | | C115 | *D2 | C400 | B2 | C0209 | *D2 |
| R435 | C3 | S301 | A1 | C116 | *D2 | C401 | B2 | C0210 | *D2 |
| R436 | C4 | S600 | C4 | C117 | *D2 | C402 | B2 | C0211 | *D2 |
| R437 | D4 | S601 | C4 | C118 | *D2 | C403 | C2 | C0212 | *D2 |
| R438 | D4 | S602 | C4 | C119 | *D2 | C404 | B2 | C0213 | *D2 |
| R439 | D4 | | | C120 | *D2 | C405 | B2 | C0214 | *D2 |
| R440 | D4 | VDR001 | C2 | C121 | *D2 | C406 | B2 | C0215 | *D2 |
| R441 | D3 | VDR002 | C2 | C122 | *D2 | C407 | B2 | C0216 | *D2 |
| R442 | D3 | VDR003 | C2 | C123 | *D2 | C408 | C2 | C0217 | *D2 |
| R443 | D4 | VDR004 | C2 | C124 | *D2 | C409 | B2 | C0218 | *D2 |
| R600 | C4 | VDR005 | B2 | C125 | *D2 | C410 | B2 | C0219 | *D2 |
| R601 | C4 | VDR006 | B2 | C126 | *D2 | C411 | B2 | C0220 | *D2 |
| R602 | C4 | VDR007 | B2 | C127 | *D2 | C412 | B1 | C0221 | *D2 |
| R603 | C4 | VDR008 | B2 | C128 | *D2 | C413 | B1 | C0222 | *D2 |
| R604 | C4 | | | C129 | *D2 | C414 | B1 | C0223 | *D2 |
| R605 | C4 | X101 | B4 | C130 | *D2 | C415 | B1 | C0224 | *D2 |
| R606 | C4 | X301 | A1 | C131 | *D2 | C416 | B1 | C0225 | *D2 |
| R607 | C4 | X600 | C4 | C132 | *D2 | C426 | D2 | C0226 | *D2 |
| R608 | C4 | | | C133 | *D2 | C433 | B2 | C0227 | *D2 |
| R609 | C4 | | | C134 | *D2 | C434 | B2 | C0228 | *D2 |
| R610 | C3 | | | C135 | *D2 | C435 | C2 | C0229 | *D2 |
| R611 | C4 | | | C136 | *D2 | C436 | C2 | C0230 | *D2 |
| R612 | C4 | | | C137 | *D2 | C448 | D2 | C0231 | *D2 |
| R613 | C4 | | | C138 | *D2 | C449 | D2 | C0232 | *D2 |
| R614 | C4 | | | C139 | *D2 | C450 | D2 | C0233 | *D2 |
| R615 | C4 | | | C200 | D1 | C451 | D2 | C0234 | *D2 |
| R616 | C4 | | | C203 | D3 | C452 | B2 | C0235 | *D2 |
| R617 | C4 | | | C204 | C3 | C453 | B2 | C0236 | *D2 |
| R618 | C4 | | | C300 | E2 | C500 | D3 | C0237 | *D2 |
| R619 | C4 | | | C301 | E2 | C501 | C3 | C0238 | *D2 |
| R620 | C4 | | | C302 | D3 | C502 | C3 | C0239 | *D2 |
| R621 | C3 | | | C303 | D3 | C503 | C3 | C0240 | *D2 |
| R622 | C4 | | | C304 | *D2 | C504 | F3 | C0241 | *D2 |
| R623 | C4 | | | C305 | *D2 | C505 | F3 | C0242 | *D2 |
| R624 | C4 | | | C306 | D2 | C506 | F3 | C0243 | *D2 |
| R625 | C4 | | | C307 | E3 | | | C0244 | *D2 |
| R626 | C4 | | | C400 | B2 | | | C0245 | *D2 |
| R627 | C4 | | | C401 | B2 | | | C0246 | *D2 |
| R628 | C4 | | | C402 | B2 | | | C0247 | *D2 |
| R629 | C4 | | | C403 | C2 | | | C0248 | *D2 |
| R630 | C4 | | | C404 | B2 | | | C0249 | *D2 |
| R631 | C4 | | | C405 | B2 | | | C0250 | *D2 |
| R632 | C4 | | | C406 | B2 | | | C0251 | *D2 |
| R633 | C4 | | | C407 | B2 | | | C0252 | *D2 |
| R634 | C4 | | | C408 | C2 | | | C0253 | *D2 |
| R635 | C4 | | | C409 | B2 | | | C0254 | *D2 |
| R636 | C4 | | | C410 | B2 | | | C0255 | *D2 |
| R637 | C4 | | | C411 | B2 | | | C0256 | *D2 |
| R638 | C4 | | | C412 | B1 | | | C0257 | *D2 |
| R639 | C4 | | | C413 | B1 | | | C0258 | *D2 |
| R640 | C4 | | | C414 | B1 | | | C0259 | *D2 |
| R641 | C4 | | | C415 | B1 | | | C0260 | *D2 |
| R642 | C4 | | | C416 | B1 | | | C0261 | *D2 |
| R643 | C4 | | | C426 | D2 | | | C0262 | *D2 |
| R644 | C4 | | | C433 | B2 | | | C0263 | *D2 |
| R645 | C4 | | | C434 | B2 | | | C0264 | *D2 |
| R646 | C4 | | | C435 | C2 | | | C0265 | *D2 |
| R647 | C4 | | | C436 | C2 | | | C0266 | *D2 |
| R648 | C4 | | | C448 | D2 | | | C0267 | *D2 |
| R649 | C4 | | | C449 | D2 | | | C0268 | *D2 |
| R650 | C4 | | | C450 | D2 | | | C0269 | *D2 |
| R651 | C4 | | | C451 | D2 | | | C0270 | *D2 |
| R652 | C4 | | | C452 | B2 | | | C0271 | *D2 |
| R653 | C3 | | | C453 | B2 | | | C0272 | *D2 |
| R654 | C3 | | | C500 | D3 | | | C0273 | *D2 |
| R655 | C3 | | | C501 | C3 | | | C0274 | *D2 |
| R656 | C3 | | | C502 | C3 | | | C0275 | *D2 |
| R657 | C4 | | | C503 | C3 | | | C0276 | *D2 |
| R658 | C4 | | | C504 | F3 | | | C0277 | *D2 |
| R659 | D4 | | | C505 | F3 | | | C0278 | *D2 |
| R660 | D4 | | | C506 | F3 | | | C0279 | *D2 |
| R661 | C4 | | | | | | | C0280 | *D2 |
| R662 | B4 | | | | | | | C0281 | *D2 |

**KY-688**
1-886-529-22
*: B SIDE

**Continued**

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C507 | D1 | D726 | *E1 | L900 | A2 | Q507 | D1 | R422 | E2 | R814 | *A1 | **KY-689** | | C506 | E3 | D723 | *E3 | L1000 | B2 | Q511 | C3 | R422 | D2 | R814 | *B1 | **KY-690** | | C505 | D3 | D400 | F1 | IC503 | D3 |
| C508 | D2 | D727 | *E3 | L901 | A2 | Q508 | D1 | R423 | E2 | R815 | *A2 | 1-886-530-22 | | C507 | C1 | D724 | *E1 | L1001 | B2 | Q512 | C1 | R423 | D2 | R815 | *B3 | 1-886-531-22 | | C506 | D3 | D403 | E1 | IC504 | D3 |
| C509 | D3 | D728 | *E1 | | | Q509 | D3 | R424 | E2 | R816 | *D1 | *: B SIDE | | C508 | C1 | D725 | *E3 | | | Q513 | C1 | R424 | D2 | R816 | *A1 | *: B SIDE | | C507 | *F2 | D700 | *F2 | IC600 | D2 |
| C600 | D1 | D729 | *E3 | LF003 | A3 | Q510 | D2 | R425 | B2 | R817 | *D3 | C100 | F3 | C509 | C3 | D726 | *D1 | LF100 | A2 | Q514 | C1 | R425 | D2 | R817 | *A3 | C100 | F3 | C508 | D1 | D701 | *H3 | IC601 | F2 |
| C601 | C1 | D730 | *D1 | LF100 | A2 | Q511 | D3 | R426 | B2 | R818 | *C1 | C101 | F3 | C600 | C1 | D727 | *D3 | LF101 | A2 | Q515 | C3 | R426 | D2 | R818 | *A1 | C101 | F2 | C509 | C2 | D702 | *E2 | IC602 | F2 |
| C602 | C1 | D731 | *D3 | LF101 | A2 | Q512 | D1 | R427 | B2 | R819 | *C3 | C102 | F3 | C601 | B1 | D728 | *D1 | LF102 | A3 | Q516 | C2 | R427 | E2 | R819 | *A3 | C102 | F2 | C600 | D2 | D703 | *H3 | IC603 | E2 |
| C603 | C1 | D800 | *D1 | | | Q513 | D1 | R428 | B2 | R820 | *C1 | C110 | *C2 | C602 | B1 | D729 | *D3 | LF103 | F2 | Q517 | C3 | R428 | D2 | R820 | *C2 | C110 | *D1 | C601 | F2 | D704 | *E2 | IC604 | E2 |
| C604 | C1 | D801 | *D3 | PH700 | *G1 | Q514 | D1 | R429 | B2 | R821 | *C3 | C111 | *C2 | C603 | B1 | D730 | *C1 | LF104 | F2 | Q600 | *C1 | R429 | E2 | R821 | *A2 | C111 | *D1 | C602 | F2 | D705 | *G3 | IC605 | E2 |
| C605 | C1 | D802 | *C1 | PH701 | *G3 | Q515 | D3 | R500 | D3 | R822 | *B1 | C112 | *C2 | C604 | B1 | D731 | *C3 | LF105 | F3 | Q601 | *C1 | R500 | C3 | R822 | *A2 | C112 | *D1 | C603 | E2 | D706 | *E2 | IC900 | F1 |
| C900 | A2 | D803 | *C3 | PH702 | *G1 | Q516 | D2 | R501 | D3 | R823 | *B3 | C113 | *C2 | C605 | B1 | D800 | *C1 | | | Q602 | *C3 | R501 | C3 | R900 | F2 | C113 | *D1 | C604 | E2 | D707 | *G3 | IC1000 | A2 |
| C901 | *G2 | D804 | *C1 | PH703 | *G3 | Q517 | D3 | R502 | D3 | R824 | *B1 | C114 | *C2 | C900 | F2 | D801 | *C3 | PH700 | *F1 | Q603 | *C3 | R502 | C3 | R901 | F2 | C114 | *D1 | C605 | E2 | D708 | *D2 | IC1100 | H3 |
| C902 | *F2 | D805 | *C3 | PH704 | *F1 | Q600 | *D1 | R503 | D3 | R825 | *B3 | C115 | *C2 | C901 | *F2 | D802 | *B1 | PH701 | *F3 | Q604 | *A1 | R503 | C3 | R902 | *F2 | C115 | *D1 | C900 | F1 | D709 | *E3 | | |
| C903 | *G2 | D806 | *B1 | PH705 | *F3 | Q601 | *D1 | R504 | D3 | R826 | *A1 | C116 | *C2 | C902 | *E2 | D803 | *B3 | PH702 | *F1 | Q605 | *A1 | R504 | C3 | R903 | F2 | C116 | *D1 | C901 | H2 | D710 | *F2 | L400 | F2 |
| C904 | *F2 | D807 | *B3 | PH706 | *F1 | Q602 | *D3 | R505 | D3 | R827 | *A3 | C117 | *C2 | C903 | *F2 | D804 | *B1 | PH703 | *F3 | Q606 | *A3 | R505 | C3 | R904 | F2 | C117 | *D1 | C902 | H2 | D711 | *D3 | L401 | E1 |
| C905 | A2 | D808 | *B1 | PH707 | *F3 | Q603 | *D3 | R506 | C3 | R828 | *A1 | C118 | *C2 | C904 | *F2 | D805 | *B3 | PH704 | *E1 | Q607 | *A3 | R506 | B3 | R905 | F2 | C118 | *D1 | C903 | H2 | D712 | *E2 | L402 | *F1 |
| C906 | A2 | D809 | *B3 | PH708 | *E1 | Q604 | *D1 | R507 | C3 | R829 | *A3 | C119 | *C2 | C905 | F2 | D806 | *A1 | PH705 | *E3 | Q900 | F2 | R507 | B3 | R906 | F2 | C119 | *D1 | C904 | H2 | D713 | *E2 | L403 | E1 |
| C907 | A2 | D810 | *B1 | PH709 | *E3 | Q605 | *D1 | R508 | C3 | R830 | *A1 | C120 | *C2 | C906 | F2 | D807 | *A3 | PH706 | *E1 | Q1000 | B2 | R508 | B3 | R907 | F2 | C120 | *D1 | C905 | F1 | D714 | *E2 | L404 | E1 |
| C908 | A2 | D811 | *B3 | PH710 | *E1 | Q606 | *D3 | R509 | D1 | R831 | *A3 | C121 | *C2 | C907 | F2 | D808 | *A1 | PH707 | *E3 | | | R509 | C1 | R908 | F2 | C121 | *D1 | C906 | F1 | D715 | *D2 | L405 | F1 |
| C909 | *E2 | D812 | *A1 | PH711 | *E3 | Q607 | *D3 | R510 | D1 | R900 | A2 | C122 | *C2 | C908 | F2 | D809 | *A3 | PH708 | *D1 | R100 | F3 | R510 | C1 | R909 | F2 | C122 | *D1 | C907 | F1 | D716 | *F3 | L900 | *F1 |
| C910 | *E2 | D813 | *A3 | PH712 | *D1 | Q900 | A2 | R511 | D1 | R901 | A2 | C123 | *C2 | C909 | *D2 | D810 | *C1 | PH709 | *D3 | R110 | C2 | R511 | C1 | R910 | *D2 | C123 | *D1 | C908 | F1 | D717 | *E3 | L901 | F1 |
| C911 | *E2 | D814 | *A1 | PH713 | *D3 | | | R512 | D3 | R902 | *G2 | C124 | *C2 | C910 | *D2 | D811 | *C3 | PH710 | *D1 | R111 | C2 | R512 | C3 | R911 | F2 | C124 | *D1 | C909 | *E1 | D718 | *E3 | L1000 | B2 |
| C912 | *E2 | D815 | *A3 | PH714 | *D1 | R100 | A3 | R513 | D2 | R903 | A2 | C125 | *C2 | C911 | *D2 | D812 | *B1 | PH711 | *D3 | R112 | C2 | R513 | C2 | R912 | F2 | C125 | *D1 | C910 | *E1 | D719 | *E3 | L1001 | B2 |
| C913 | A2 | D816 | *D1 | PH715 | *D3 | R110 | D2 | R514 | D3 | R904 | A2 | C126 | *C2 | C912 | *D2 | D813 | *B3 | PH712 | *D1 | R113 | C2 | R514 | C3 | R1000 | B2 | C126 | *D1 | C911 | *E1 | D720 | *D3 | | |
| C914 | *C2 | D817 | *D3 | PH716 | *G1 | R111 | D2 | R515 | E3 | R905 | A2 | C127 | *C2 | C913 | F2 | D814 | *B1 | PH713 | *D3 | R114 | *C2 | R515 | E3 | R1001 | B2 | C127 | *D1 | C912 | E1 | D800 | *C1 | LF100 | F2 |
| C915 | *C2 | D818 | *C1 | PH717 | *G3 | R112 | D2 | R516 | F3 | R906 | A2 | C128 | *C2 | C1000 | B2 | D815 | *B3 | PH714 | *C1 | R115 | C2 | R516 | E3 | R1002 | A2 | C128 | *D1 | C913 | F1 | D801 | *C2 | LF101 | F2 |
| C916 | *C2 | D819 | *C3 | PH718 | *G1 | R113 | D2 | R517 | F3 | R907 | A2 | C129 | *C2 | C1001 | B2 | D816 | *A1 | PH715 | *C3 | R200 | C1 | R517 | E3 | R1003 | A2 | C129 | *D1 | C1000 | B2 | D802 | *C1 | LF102 | F2 |
| C917 | *C2 | D820 | *C1 | PH719 | *G3 | R114 | D2 | R518 | E3 | R908 | A1 | C130 | *C2 | C1002 | B2 | D817 | *A3 | PH716 | *F1 | R201 | C1 | R518 | E3 | R1004 | B2 | C130 | *D1 | C1001 | F3 | D803 | *C2 | LF103 | A2 |
| C918 | *B2 | D821 | *C3 | PH720 | *F1 | R115 | D2 | R519 | D1 | R909 | A1 | C131 | *C2 | C1003 | B2 | D818 | *A1 | PH717 | *F3 | R202 | C1 | R519 | C1 | R1005 | B2 | C131 | *D1 | C1002 | F3 | D804 | *B1 | LF104 | A2 |
| C919 | *A2 | D822 | *B1 | PH721 | *F3 | R200 | D1 | R520 | D1 | R910 | *E2 | C132 | *C2 | C1004 | A2 | D819 | *A3 | PH718 | *F1 | R209 | C3 | R520 | C1 | R1006 | A2 | C132 | *D1 | C1003 | F3 | D805 | *B2 | LF105 | A2 |
| C920 | *A2 | D823 | *B3 | PH722 | *F1 | R201 | D1 | R521 | D1 | R911 | *C2 | C133 | *C2 | C1005 | B2 | D820 | *C2 | PH719 | *F3 | R300 | *C2 | R521 | C1 | R1007 | B2 | C133 | *D1 | C1004 | A2 | D806 | *B1 | | |
| C921 | *A2 | D824 | *B1 | PH723 | *F3 | R202 | D1 | R522 | D3 | R912 | *B2 | C134 | *C2 | C1006 | B2 | D821 | *A2 | PH720 | *E1 | R301 | *C2 | R522 | C3 | R1008 | B2 | C134 | *D1 | C1005 | A2 | D807 | *A2 | PH700 | *F2 |
| | | D825 | *B3 | PH724 | *E1 | R209 | C3 | R523 | D2 | R913 | A2 | C135 | *C2 | C1007 | B2 | D822 | *A2 | PH721 | *E3 | R302 | *C2 | R523 | C2 | R1009 | B2 | C135 | *D1 | C1006 | A2 | D808 | *A1 | PH701 | *H3 |
| CL200 | D1 | D826 | *B1 | PH725 | *E3 | R300 | *D2 | R524 | D3 | R914 | A2 | C136 | *C2 | C1008 | B2 | D900 | F2 | PH722 | *E1 | R303 | *C2 | R524 | C3 | R1010 | B2 | C136 | *D1 | C1007 | A2 | D809 | *C3 | PH702 | *E2 |
| CL201 | D1 | D827 | *B3 | PH726 | *E1 | R301 | *D2 | R525 | C3 | | | C137 | *C2 | | | D901 | F2 | PH723 | *E3 | R304 | C2 | R525 | B3 | R1011 | B2 | C137 | *D1 | C1008 | C2 | D810 | *A1 | PH703 | *G3 |
| CL202 | D1 | D828 | *A1 | PH727 | *E3 | R302 | E2 | R526 | F3 | RB201 | C3 | C138 | *C2 | CL200 | C1 | D1000 | B2 | PH724 | *D1 | R305 | D2 | R526 | E3 | R1012 | B2 | C138 | *D1 | C1009 | C2 | D811 | *C3 | PH704 | *E2 |
| CL203 | D2 | D829 | *A3 | PH728 | *D1 | R303 | D3 | R600 | C1 | RB202 | C3 | C139 | *C2 | CL201 | C1 | D1001 | B2 | PH725 | *D3 | R306 | C3 | R600 | B1 | R1013 | A2 | C139 | *D1 | C1010 | C3 | D812 | *C1 | PH705 | *G3 |
| CL204 | C3 | D830 | *A1 | PH729 | *D3 | R304 | D3 | R601 | C1 | RB203 | C3 | C200 | C1 | CL202 | C1 | | | PH726 | *D1 | R307 | C3 | R601 | C1 | | | C200 | D2 | C1011 | A2 | D813 | *B3 | PH706 | *D2 |
| CL205 | C3 | D831 | *A3 | PH730 | *D1 | R306 | D2 | R700 | *G1 | RB204 | C3 | C201 | C1 | CL203 | C2 | E101 | E2 | PH727 | *D3 | R309 | C2 | R700 | *F1 | RB201 | C3 | C203 | E2 | C1012 | B2 | D814 | *C1 | PH707 | *F3 |
| CL300 | D1 | D900 | A2 | PH731 | *D3 | R307 | D3 | R701 | *G2 | RB300 | E2 | C202 | C1 | CL204 | C3 | E103 | C2 | PH728 | *D1 | R310 | C3 | R701 | *F2 | RB202 | C3 | C204 | E2 | C1013 | C2 | D815 | *A3 | PH708 | *D2 |
| CL301 | D1 | D901 | A2 | PH800 | *D1 | R308 | *D2 | R702 | *G1 | RB301 | E2 | C203 | C3 | CL205 | B3 | E104 | B1 | PH729 | *D3 | R311 | *C2 | R702 | *F1 | RB203 | B3 | C300 | E1 | C1014 | C3 | D816 | *B1 | PH709 | *E3 |
| CL302 | D1 | | | PH801 | *D3 | R311 | E1 | R703 | *G2 | RB302 | E2 | C204 | B3 | CL300 | C1 | | | PH730 | *C1 | R318 | C1 | R703 | *F2 | RB204 | B3 | C300 | E1 | C1015 | B2 | D817 | *B1 | PH710 | *F2 |
| CL303 | D1 | E103 | D2 | PH802 | *C1 | R312 | E1 | R704 | *F1 | RB303 | E2 | C300 | D2 | CL301 | C1 | FB110 | *C2 | PH731 | *C3 | R325 | C2 | R704 | *E1 | RB300 | D2 | C301 | E1 | C1016 | B2 | D818 | *A1 | PH711 | *D3 |
| CL304 | D1 | E104 | C1 | PH803 | *C3 | R313 | D1 | R705 | *F2 | RB304 | E3 | C301 | D2 | CL302 | C1 | FB300 | C1 | PH800 | *C1 | R326 | *C2 | R705 | *E2 | RB301 | D2 | C302 | E3 | C1017 | B3 | D819 | *A1 | PH712 | *E2 |
| CL305 | D1 | E106 | A1 | PH804 | *C1 | R314 | E1 | R706 | *F1 | RB600 | B1 | C302 | B2 | CL303 | C1 | FB400 | D2 | PH801 | *C3 | R327 | *C2 | R706 | *E1 | RB302 | D2 | C303 | E3 | C1018 | A2 | D900 | F1 | PH713 | *E2 |
| CL306 | D1 | | | PH805 | *C3 | R315 | E1 | R707 | *F2 | RB601 | B1 | C303 | C3 | CL304 | C1 | FB401 | C2 | PH802 | *B1 | R328 | C2 | R707 | *E2 | RB303 | D2 | C304 | D2 | C1019 | A2 | D901 | F1 | PH714 | *D2 |
| CL307 | D1 | FB110 | *D2 | PH806 | *B1 | R318 | E1 | R708 | *E1 | | | C304 | C3 | CL305 | C1 | FB402 | D2 | PH803 | *B3 | R329 | *C2 | R708 | *D1 | RB304 | B2 | C305 | D2 | C1020 | A3 | D1000 | A2 | PH715 | *D2 |
| | | FB300 | D1 | PH807 | *B3 | R319 | E1 | R709 | *E2 | S300 | D3 | C305 | *C1 | CL306 | C1 | FB403 | D2 | PH804 | *B1 | R330 | C2 | R709 | *D2 | RB305 | B1 | C306 | *D1 | C1100 | H2 | D1001 | A2 | PH716 | *F3 |
| CN100 | A3 | FB400 | B2 | PH808 | *B1 | R322 | E1 | R710 | *E1 | S301 | E1 | C306 | *C2 | CL307 | C1 | | | PH805 | *B3 | R331 | C2 | R710 | *D1 | RB310 | D3 | C307 | *D1 | C1101 | H2 | D1100 | H2 | PH717 | *E3 |
| CN101 | A3 | FB401 | D2 | PH809 | *B3 | R323 | E1 | R711 | *E2 | S302 | E1 | C307 | *C2 | | | IC200 | C2 | PH806 | *A1 | R332 | C2 | R711 | *D2 | RB600 | B1 | C308 | D1 | C1102 | H2 | D1101 | H2 | PH718 | *E3 |
| CN300 | E3 | FB402 | E2 | PH810 | *A1 | R326 | E1 | R712 | *D1 | | | C308 | C2 | CN100 | A3 | IC202 | C1 | PH807 | *A3 | R333 | D3 | R712 | *D1 | RB601 | B1 | C309 | F3 | C1103 | H2 | D1102 | H2 | PH719 | *D3 |
| CN900 | *G2 | FB403 | B2 | PH811 | *A3 | R327 | E1 | R713 | *D2 | TH900 | A2 | C309 | D3 | CN101 | F3 | IC204 | C3 | PH808 | *A1 | R334 | D3 | R713 | *C2 | | | C400 | F1 | C1104 | H2 | D1103 | H2 | PH720 | *D3 |
| CN901 | *E2 | | | PH812 | *A1 | R330 | E1 | R714 | *D1 | | | C400 | E2 | CN102 | A3 | IC205 | B3 | PH809 | *A3 | R335 | D1 | R714 | *C1 | S300 | D3 | C401 | F1 | C1105 | H2 | D1104 | H2 | PH800 | *C1 |
| CN902 | *C2 | IC200 | D2 | PH813 | *A3 | R331 | E1 | R715 | *D2 | TP400 | B2 | C401 | E2 | CN103 | F3 | IC302 | D2 | PH810 | *C1 | R336 | D1 | R715 | *C2 | S301 | D1 | C402 | F1 | C1106 | H3 | | | PH801 | *C2 |
| CN903 | *A2 | IC202 | D1 | PH814 | *A1 | R332 | E1 | R716 | *G1 | TP401 | D1 | C402 | E2 | CN300 | D3 | IC303 | D2 | PH811 | *C3 | R337 | D1 | R716 | *F1 | S302 | D1 | C403 | F1 | | | E101 | G3 | PH802 | *C1 |
| | | IC204 | C3 | PH815 | *A3 | R333 | E1 | R717 | *G3 | TP402 | D2 | C403 | E2 | CN900 | *F2 | IC304 | B2 | PH812 | *B1 | R338 | D1 | R717 | *F3 | | | C404 | F1 | CL200 | D2 | E102 | E1 | PH803 | *B2 |
| D400 | B2 | IC205 | C3 | PH816 | *D1 | R336 | D2 | R718 | *G1 | TP403 | B2 | C404 | E2 | CN901 | *D2 | IC306 | C3 | PH813 | *B3 | R339 | D1 | R718 | *F1 | TH900 | F2 | C405 | F1 | CL201 | D2 | E103 | E3 | PH804 | *B1 |
| D403 | B2 | IC300 | E2 | PH817 | *D3 | R337 | E1 | R719 | *G3 | TP404 | D2 | C405 | E2 | CN1000 | *B2 | IC307 | *C2 | PH814 | *B1 | R340 | D1 | R719 | *F3 | | | C406 | F1 | CL202 | D2 | E104 | D1 | PH805 | *B2 |
| D700 | *G1 | IC301 | E2 | PH818 | *C1 | R338 | E1 | R720 | *F1 | | | C406 | E2 | | | IC400 | E2 | PH815 | *B3 | R341 | D1 | R720 | *E1 | TP400 | D2 | C407 | F1 | CL203 | E2 | E106 | A2 | PH806 | *B1 |
| D701 | *G3 | IC302 | D3 | PH819 | *C3 | R339 | *D2 | R721 | *F3 | X300 | D1 | C407 | E2 | | | IC404 | C2 | PH816 | *A1 | R342 | D1 | R721 | *E3 | TP401 | C2 | C408 | F1 | CL204 | E2 | | | PH807 | *A2 |
| D702 | *G1 | IC303 | *D2 | PH820 | *C1 | R340 | *D2 | R722 | *F1 | | | C408 | E2 | | | IC405 | D2 | PH817 | *A3 | R343 | D1 | R722 | *E1 | TP402 | C2 | C409 | F1 | CL205 | D2 | FB110 | *D1 | PH808 | *A1 |
| D703 | *G3 | IC400 | B2 | PH821 | *C3 | R341 | D2 | R723 | *F3 | | | C409 | E2 | D400 | E2 | IC406 | D2 | PH818 | *A1 | R344 | D1 | R723 | *E3 | TP403 | D2 | C410 | E1 | CL300 | D1 | FB300 | D1 | PH809 | *C3 |
| D704 | *F1 | IC404 | D2 | PH822 | *B1 | R342 | *D2 | R724 | *E1 | | | C410 | E2 | D403 | E2 | IC500 | C3 | PH819 | *A3 | R345 | D1 | R724 | *D1 | TP404 | C2 | C411 | E1 | CL301 | D1 | FB400 | F1 | PH810 | *A1 |
| D705 | *F3 | IC405 | D2 | PH823 | *B3 | R343 | D2 | R725 | *E3 | | | C411 | E2 | D700 | *F1 | IC501 | B3 | PH820 | *C2 | R346 | D1 | R725 | *D3 | | | C412 | E1 | CL302 | D1 | FB401 | E1 | PH811 | *B3 |
| D706 | *F1 | IC406 | B2 | PH824 | *B1 | R344 | D2 | R726 | *E1 | | | C412 | E1 | D701 | *F3 | IC502 | B3 | PH821 | *A2 | R347 | D1 | R726 | *D1 | X300 | C1 | C413 | E1 | CL303 | D1 | FB402 | E1 | PH812 | *C1 |
| D707 | *F3 | IC500 | D3 | PH825 | *B3 | R345 | D2 | R727 | *E3 | | | C413 | E1 | D702 | *F1 | IC503 | E3 | PH822 | *A2 | R348 | D1 | R727 | *D3 | | | C414 | E1 | CL304 | D1 | FB403 | F1 | PH813 | *B3 |
| D708 | *E1 | IC501 | C3 | PH826 | *A1 | R346 | E3 | R728 | *D1 | | | C414 | E1 | D703 | *F3 | IC504 | E3 | | | R349 | D1 | R728 | *D1 | | | C415 | E1 | CL305 | D1 | | | PH814 | *C1 |
| D709 | *E3 | IC502 | C3 | PH827 | *A3 | R347 | E3 | R729 | *D3 | | | C415 | D1 | D704 | *E1 | IC600 | C1 | Q300 | C2 | R350 | D1 | R729 | *C3 | | | C416 | E1 | CL306 | D1 | IC200 | D1 | PH815 | *A3 |
| D710 | *E1 | IC503 | E3 | PH828 | *A1 | R400 | B2 | R730 | *D1 | | | C426 | C2 | D705 | *E3 | IC601 | B1 | Q301 | D2 | R400 | E2 | R730 | *C1 | | | C426 | *F1 | CL307 | D1 | IC202 | D2 | PH816 | *B1 |
| D711 | *E3 | IC504 | F3 | PH829 | *A3 | R401 | B2 | R731 | *D3 | | | C433 | E2 | D706 | *E1 | IC602 | B1 | Q302 | C2 | R401 | E2 | R731 | *C3 | | | C433 | F1 | | | IC204 | E2 | PH817 | *B1 |
| D712 | *E1 | IC600 | D1 | PH830 | *A1 | R402 | B2 | R800 | *D1 | | | C434 | E2 | D707 | *E3 | IC603 | B1 | Q303 | D2 | R402 | E2 | R800 | *C1 | | | C434 | F1 | CN100 | F2 | IC205 | D2 | PH818 | *A1 |
| D713 | *E3 | IC601 | C1 | PH831 | *A3 | R403 | B2 | R801 | *D2 | | | C435 | E2 | D708 | *E1 | IC604 | B1 | Q400 | E2 | R403 | E2 | R801 | *B2 | | | C435 | F1 | CN101 | A3 | IC302 | E1 | PH819 | *A1 |
| D714 | *D1 | IC602 | C1 | | | R404 | B2 | R802 | *C1 | | | C436 | E2 | D709 | *E3 | IC605 | B1 | Q401 | E2 | R404 | E2 | R802 | *B1 | | | C436 | F1 | CN102 | F2 | IC303 | E1 | | |
| D715 | *D3 | IC603 | C1 | Q300 | E2 | R405 | B2 | R803 | *C2 | | | C448 | C2 | D710 | *D1 | IC900 | F2 | Q500 | C3 | R405 | E2 | R803 | *B2 | | | C448 | E1 | CN103 | A3 | IC304 | E3 | Q300 | E3 |
| D716 | *G1 | IC604 | C1 | Q301 | E2 | R406 | B2 | R804 | *C1 | | | C449 | D2 | D711 | *D3 | IC1000 | B2 | Q501 | C3 | R406 | E2 | R804 | *B1 | | | C449 | E1 | CN300 | F3 | IC305 | E3 | Q301 | E1 |
| D717 | *G3 | IC605 | C1 | Q400 | B2 | R407 | B2 | R805 | *C2 | | | C450 | D2 | D712 | *D1 | | | Q502 | C3 | R407 | E2 | R805 | *B2 | | | C450 | E1 | CN900 | H2 | IC306 | D2 | Q302 | E3 |
| D718 | *G1 | IC900 | A2 | Q401 | B2 | R408 | B2 | R806 | *B1 | | | C451 | D2 | D713 | *D3 | L400 | F2 | Q503 | C3 | R408 | E2 | R806 | *A1 | | | C451 | E1 | CN901 | *E1 | IC307 | *D1 | Q303 | E1 |
| D719 | *G3 | | | Q500 | D3 | R409 | B2 | R807 | *B2 | | | C452 | D2 | D714 | *C1 | L401 | E2 | Q504 | C3 | R409 | E2 | R807 | *A2 | | | C452 | F1 | CN1000 | *F3 | IC400 | F1 | Q400 | F1 |
| D720 | *F1 | L400 | B2 | Q501 | D3 | R410 | B2 | R808 | *B1 | | | C453 | D2 | D715 | *C3 | L402 | B2 | Q505 | C3 | R410 | E2 | R808 | *A1 | | | C453 | F1 | CN1001 | *C2 | IC404 | E1 | Q401 | F1 |
| D721 | *F3 | L401 | B2 | Q502 | D3 | R411 | B2 | R809 | *B2 | | | C500 | C3 | D716 | *F1 | L403 | C2 | Q506 | C1 | R411 | E2 | R809 | *A2 | | | C500 | F3 | CN1002 | *C2 | IC405 | E1 | Q500 | *F3 |
| D722 | *F1 | L402 | D2 | Q503 | D3 | R418 | D2 | R810 | *A1 | | | C501 | B3 | D717 | *F3 | L404 | D2 | Q507 | C1 | R418 | C2 | R810 | *C1 | | | C501 | C2 | CN1003 | *B2 | IC406 | F1 | Q501 | *F3 |
| D723 | *F3 | L403 | D2 | Q504 | D3 | R419 | D2 | R811 | *A2 | | | C502 | B3 | D718 | *F1 | L405 | D2 | Q508 | C1 | R419 | C2 | R811 | *B3 | | | C502 | B2 | CN1004 | *A2 | IC500 | F3 | Q502 | *F3 |
| D724 | *E1 | L404 | D2 | Q505 | D3 | R420 | D2 | R812 | *A1 | | | C503 | B3 | D719 | *F3 | L900 | F2 | Q509 | C3 | R420 | C2 | R812 | *B1 | | | C503 | C2 | CN1100 | H2 | IC501 | B2 | Q503 | *F3 |
| D725 | *E3 | L405 | B2 | Q506 | D1 | R421 | E2 | R813 | *A2 | | | C504 | E3 | D720 | *E1 | L901 | F2 | Q510 | C2 | R421 | D2 | R813 | *B3 | | | C504 | E3 | | | IC502 | C2 | Q504 | *F3 |

**Continued**

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Q505 | *F3 | R418 | E1 | R901 | F1 | **KY-691** | | C505 | G3 | D400 | H1 | IC504 | G3 | Q506 | *D1 | R419 | F1 | R902 | H1 | **KY-692** | | C810 | *B1 | CL203 | E2 | FB401 | E1 | PH725 | *B3 | R347 | E1 | R723 | *C3 |
| Q506 | C2 | R419 | E1 | R902 | H2 | 1-886-532-12, 22 | | C506 | G3 | D403 | G1 | IC600 | F3 | Q507 | *D1 | R420 | F1 | R903 | H1 | 1-886-533-13, 23 | | C811 | *B1 | CL204 | E2 | FB402 | E1 | PH726 | *A2 | R348 | E1 | R724 | *B2 |
| Q507 | C1 | R420 | E1 | R903 | F1 | *: B SIDE | | C507 | D2 | D700 | *H2 | IC601 | G2 | Q508 | *D2 | R421 | F1 | R904 | H1 | *: B SIDE | | C812 | *B1 | CL205 | D2 | FB403 | F1 | PH727 | *B3 | R349 | E1 | R725 | *B3 |
| Q508 | C2 | R421 | E1 | R904 | F1 | | | C508 | G3 | D701 | *F3 | IC602 | G2 | Q509 | *D2 | R422 | F1 | R905 | H1 | | | C813 | *B1 | CL300 | D1 | | | PH728 | *A1 | R350 | E1 | R726 | *A2 |
| Q509 | C2 | R422 | E1 | R905 | F1 | C100 | H2 | C509 | *H3 | D702 | *H2 | IC603 | G2 | Q510 | *D2 | R423 | F1 | R906 | H1 | C100 | F3 | C814 | *B1 | CL301 | D1 | FL200 | A2 | PH729 | *A3 | R400 | F1 | R727 | *B3 |
| Q510 | C2 | R423 | E1 | R906 | F1 | C101 | H2 | C600 | F3 | D703 | *E3 | IC604 | F2 | Q511 | *D2 | R424 | F1 | R907 | H1 | C101 | F2 | C815 | *B1 | CL302 | D1 | | | PH730 | *A1 | R401 | A3 | R728 | *A1 |
| Q511 | C2 | R424 | E1 | R907 | F1 | C102 | H3 | C601 | G2 | D704 | *G2 | IC605 | F2 | Q512 | *H3 | R425 | H1 | R908 | H1 | C102 | F2 | C900 | F1 | CL303 | D1 | IC200 | D1 | | | R402 | F1 | R729 | *A3 |
| Q512 | *F2 | R425 | F1 | R908 | F1 | C110 | *F1 | C602 | G2 | D705 | *E3 | IC900 | H1 | Q513 | *H3 | R426 | H1 | R909 | H1 | C200 | D2 | C901 | H2 | CL304 | D1 | IC201 | B2 | Q300 | E3 | R403 | F1 | R730 | *A1 |
| Q513 | *F2 | R426 | F1 | R909 | F1 | C111 | *F1 | C603 | G2 | D706 | *G2 | IC1000 | A2 | Q514 | *G3 | R427 | H1 | R910 | *G1 | C201 | B2 | C902 | H2 | CL305 | D1 | IC202 | D2 | Q301 | E1 | R404 | A3 | R900 | F1 |
| Q514 | *F2 | R427 | F1 | R910 | F1 | C112 | *F1 | C604 | G2 | D707 | *D3 | IC1100 | F2 | Q515 | G3 | R428 | H1 | R911 | H1 | C202 | A2 | C903 | H2 | CL306 | D1 | IC203 | A2 | Q302 | E3 | R405 | A3 | R901 | F1 |
| Q515 | *F3 | R428 | F1 | R911 | *E1 | C113 | *F1 | C605 | F2 | D708 | *F2 | | | Q516 | G3 | R429 | H1 | R912 | H1 | C203 | E2 | C904 | H2 | CL307 | D1 | IC204 | E2 | Q303 | E1 | R406 | A3 | R902 | H2 |
| Q516 | *F2 | R429 | F1 | R912 | F1 | C114 | *F1 | C902 | H1 | D709 | *G3 | L400 | H2 | Q517 | G3 | R500 | F3 | R1000 | H3 | C204 | E2 | C905 | F1 | | | IC205 | D2 | Q400 | F1 | R407 | F1 | R903 | F1 |
| Q517 | *F3 | R500 | F3 | R1000 | F3 | C115 | *F1 | C903 | F2 | D710 | *H2 | L401 | H1 | Q600 | *F2 | R501 | F3 | R1001 | H3 | C300 | E1 | C906 | F1 | CN100 | F2 | IC302 | E1 | Q401 | F1 | R408 | A3 | R904 | F1 |
| Q600 | *D2 | R501 | F3 | R1001 | F3 | C116 | *F1 | C904 | F2 | D711 | *F3 | L402 | H1 | Q601 | *F3 | R502 | F3 | R1002 | H3 | C301 | E1 | C907 | F1 | CN101 | A3 | IC303 | E1 | Q405 | *B3 | R409 | B3 | R905 | F1 |
| Q601 | *D2 | R502 | F3 | R1002 | A2 | C117 | *F1 | C905 | H1 | D712 | *H2 | L403 | F1 | Q602 | D3 | R503 | F3 | R1003 | H3 | C302 | E3 | C908 | F1 | CN102 | F2 | IC304 | E3 | Q407 | *A3 | R410 | F1 | R906 | F1 |
| Q602 | *D3 | R503 | F3 | R1003 | A2 | C118 | *F1 | C906 | H1 | D713 | *G2 | L404 | F1 | Q603 | *C2 | R504 | F3 | R1004 | A2 | C303 | E3 | C909 | *E1 | CN103 | A3 | IC305 | E3 | Q500 | *F3 | R411 | F1 | R907 | F1 |
| Q603 | *C2 | R504 | F3 | R1004 | F3 | C119 | *F1 | C907 | H1 | D714 | *G2 | L405 | H1 | Q604 | *B2 | R505 | F3 | R1005 | A2 | C304 | D2 | C910 | *E1 | CN300 | F3 | IC306 | D2 | Q501 | *F3 | R412 | E1 | R908 | F1 |
| Q604 | *B2 | R505 | F3 | R1005 | F3 | C120 | *F1 | C908 | H1 | D715 | *F2 | L900 | *H1 | Q605 | *D3 | R506 | B2 | R1006 | A2 | C305 | D2 | C911 | *E1 | CN900 | H2 | IC307 | *D1 | Q502 | *F3 | R413 | F1 | R909 | F1 |
| Q605 | *D2 | R506 | B2 | R1006 | A2 | C121 | *F1 | C909 | *G1 | D716 | *H3 | L901 | H1 | Q900 | H1 | R507 | B2 | R1007 | A2 | C306 | *D1 | C912 | E1 | CN901 | *E1 | IC400 | A3 | Q503 | *F3 | R414 | F1 | R910 | F1 |
| Q900 | F1 | R507 | B2 | R1007 | A2 | C122 | *F1 | C910 | *G1 | D717 | *H3 | L1000 | B2 | Q1000 | A2 | R508 | B2 | R1008 | B2 | C307 | *D1 | C913 | F1 | CN1000 | *F3 | IC401 | F1 | Q504 | *F3 | R415 | F1 | R911 | *E1 |
| Q1000 | A2 | R508 | B2 | R1008 | B2 | C123 | *F1 | C911 | *G1 | D718 | *G3 | L1001 | B2 | | | R509 | *D1 | R1009 | B2 | C308 | D1 | C1000 | C3 | CN1001 | *C2 | IC402 | B3 | Q505 | *F3 | R416 | F1 | R912 | F1 |
| | | R509 | C2 | R1009 | C3 | C124 | *F1 | C912 | *G1 | D719 | *G3 | | | R100 | H2 | R510 | *D1 | R1010 | C3 | C309 | F3 | C1001 | F3 | CN1002 | *C2 | IC404 | E1 | Q506 | *D1 | R417 | E1 | R1000 | F3 |
| R100 | F2 | R510 | C2 | R1010 | C3 | C125 | *F1 | C913 | H1 | D720 | *F3 | LF100 | H2 | R110 | F1 | R511 | *D2 | R1011 | C3 | C400 | A3 | C1002 | F3 | CN1003 | *B2 | IC405 | E1 | Q507 | *D1 | R418 | E1 | R1001 | F3 |
| R110 | D1 | R511 | C2 | R1011 | B2 | C126 | *F1 | C914 | F2 | D800 | *C1 | LF101 | H2 | R111 | F1 | R512 | *D2 | R1012 | C2 | C401 | F1 | C1003 | F3 | CN1004 | *A2 | IC406 | F1 | Q508 | *F2 | R419 | E1 | R1002 | F3 |
| R111 | D1 | R512 | C2 | R1012 | A2 | C127 | *F1 | C915 | F2 | D801 | *C2 | LF102 | H2 | R112 | F1 | R513 | *D2 | R1013 | C3 | C402 | A3 | C1004 | C3 | CN1100 | H2 | IC500 | F3 | Q509 | *F2 | R420 | E1 | R1003 | F3 |
| R112 | D1 | R513 | C2 | R1013 | C2 | C128 | *F1 | C1000 | B2 | D802 | *C1 | LF103 | A2 | R113 | F1 | R514 | *D2 | R1014 | A2 | C403 | A3 | C1005 | C3 | | | IC501 | C2 | Q510 | *F2 | R421 | E1 | R1004 | C3 |
| R113 | D1 | R514 | C2 | R1014 | C3 | C129 | *F1 | C1001 | H3 | D803 | *C2 | LF104 | A2 | R114 | *F1 | R515 | G3 | R1015 | A2 | C404 | F1 | C1006 | C3 | D400 | F1 | IC502 | B2 | Q511 | *F3 | R422 | E1 | R1005 | C3 |
| R114 | *D1 | R515 | D3 | R1015 | A2 | C130 | *F1 | C1002 | H3 | D804 | *B1 | LF105 | A2 | R115 | F1 | R516 | G3 | R1016 | A2 | C405 | F1 | C1007 | D3 | D401 | B3 | IC503 | D3 | Q512 | *F2 | R423 | E1 | R1006 | C3 |
| R115 | D1 | R516 | D3 | R1016 | C3 | C131 | *F1 | C1003 | H3 | D805 | *B2 | | | R200 | G1 | R517 | G3 | R1017 | C3 | C406 | F1 | C1008 | C2 | D403 | E1 | IC504 | D3 | Q513 | *F3 | R424 | E1 | R1007 | C3 |
| R200 | D2 | R517 | D3 | R1017 | B3 | C132 | *F1 | C1004 | A2 | D806 | *B1 | PH700 | *H2 | R201 | G1 | R518 | G3 | R1018 | B3 | C407 | F1 | C1009 | C2 | D700 | *F2 | IC600 | D2 | Q600 | *C1 | R425 | F1 | R1008 | C3 |
| R201 | D2 | R518 | D3 | R1018 | B2 | C133 | *F1 | C1005 | A2 | D807 | *A2 | PH701 | *E3 | R202 | G1 | R519 | *H3 | R1019 | B2 | C408 | F1 | C1010 | C3 | D701 | *H3 | IC601 | *B2 | Q601 | *C2 | R426 | F1 | R1009 | C3 |
| R202 | D2 | R519 | *F2 | R1019 | C3 | C134 | *F1 | C1006 | A2 | D808 | *A1 | PH702 | *G2 | R209 | G1 | R520 | *H3 | R1020 | C3 | C409 | F1 | C1011 | D3 | D702 | *E2 | IC602 | F2 | Q602 | *D2 | R427 | F1 | R1010 | C3 |
| R209 | E2 | R520 | *F2 | R1020 | B3 | C135 | *F1 | C1007 | A2 | D809 | *C3 | PH703 | *E3 | R300 | *F1 | R521 | *G3 | R1021 | B3 | C410 | B3 | C1012 | B2 | D703 | *H3 | IC603 | F2 | Q603 | *D2 | R428 | F1 | R1011 | C3 |
| R300 | *D1 | R521 | *F2 | R1021 | A3 | C136 | *F1 | C1008 | C2 | D810 | *A1 | PH704 | *G2 | R301 | *F1 | R522 | G3 | R1022 | A3 | C411 | B3 | C1013 | C2 | D704 | *E2 | IC604 | E2 | Q604 | *D3 | R429 | F1 | R1012 | C2 |
| R301 | D1 | R522 | *F3 | R1022 | B3 | C137 | *F1 | C1009 | C2 | D811 | *C3 | PH705 | *D3 | R302 | *F1 | R523 | G3 | R1023 | B3 | C412 | F1 | C1014 | C3 | D705 | *G3 | IC605 | E2 | Q605 | *D3 | R436 | *A3 | R1013 | C3 |
| R302 | *D1 | R523 | *F2 | R1023 | A3 | C138 | *F1 | C1010 | C3 | D812 | *C1 | PH706 | *G2 | R303 | *F1 | R524 | G3 | R1024 | A3 | C413 | F1 | C1015 | B2 | D706 | *E2 | IC606 | E2 | Q900 | F1 | R500 | *F3 | R1014 | C3 |
| R303 | D1 | R524 | *F3 | R1024 | B2 | C139 | *F1 | C1011 | A2 | D813 | *B3 | PH707 | *D3 | R304 | *F1 | R525 | C2 | R1025 | B2 | C414 | B3 | C1016 | B2 | D707 | *G3 | IC900 | F1 | Q1000 | D3 | R501 | *F3 | R1015 | C3 |
| R304 | E3 | R525 | C2 | R1025 | B3 | C200 | G1 | C1012 | B2 | D814 | *C1 | PH708 | *F2 | R305 | G1 | R526 | G3 | R1026 | B3 | C415 | B3 | C1017 | B3 | D708 | *D2 | IC1000 | C3 | | | R502 | *F3 | R1016 | D3 |
| R305 | E1 | R526 | D3 | R1026 | A2 | C203 | G1 | C1013 | C2 | D815 | *A3 | PH709 | *G3 | R306 | F2 | R600 | F2 | R1027 | A2 | C418 | F1 | C1018 | A2 | D709 | *F3 | IC1100 | H3 | R100 | F2 | R503 | *F3 | R1017 | C3 |
| R306 | D2 | R600 | E2 | R1027 | A3 | C204 | G1 | C1014 | C3 | D816 | *B1 | PH710 | *H2 | R307 | F2 | R601 | F2 | R1028 | A3 | C419 | E1 | C1019 | A2 | D710 | *F2 | | | R200 | D2 | R504 | *F3 | R1018 | B3 |
| R307 | D2 | R601 | E2 | R1028 | A2 | C300 | G1 | C1015 | B2 | D817 | *B1 | PH711 | *F3 | R309 | F1 | R700 | *H2 | R1029 | A2 | C420 | E1 | C1020 | A3 | D711 | *E3 | L400 | F2 | R201 | D2 | R505 | *F3 | R1019 | B2 |
| R309 | D1 | R700 | *F2 | R1029 | A2 | C301 | G1 | C1016 | B2 | D818 | *A1 | PH712 | *G2 | R310 | F2 | R701 | *E3 | R1100 | F2 | C421 | E1 | C1100 | H2 | D712 | *E2 | L401 | E1 | R202 | D2 | R506 | C2 | R1020 | C3 |
| R310 | D2 | R701 | *H3 | R1100 | H2 | C302 | F1 | C1017 | B3 | D819 | *A1 | PH713 | *G2 | R311 | *F1 | R702 | *G2 | | | C422 | E1 | C1101 | H2 | D713 | *E3 | L402 | *F1 | R203 | B2 | R507 | C2 | R1021 | B3 |
| R311 | *D1 | R702 | *E2 | | | C303 | F1 | C1018 | A2 | D900 | H1 | PH714 | *G2 | R318 | F1 | R703 | *E3 | RB201 | G1 | C423 | E1 | C1102 | H2 | D714 | *E2 | L403 | E1 | R204 | B2 | R508 | C2 | R1022 | A3 |
| R318 | D1 | R703 | *G3 | RB201 | E2 | C304 | F2 | C1019 | A2 | D901 | H1 | PH715 | *F2 | R325 | F1 | R704 | *G2 | RB202 | G1 | C425 | E1 | C1103 | H2 | D715 | *E3 | L404 | E1 | R205 | B2 | R509 | *D1 | R1023 | B3 |
| R325 | D1 | R704 | *E2 | RB202 | E2 | C305 | F2 | C1020 | A3 | D1000 | A2 | PH716 | *H3 | R326 | *F1 | R705 | *D3 | RB203 | G1 | C427 | E1 | C1104 | H2 | D716 | *E2 | L405 | F1 | R206 | B2 | R510 | *D1 | R1024 | A3 |
| R326 | *D1 | R705 | *G3 | RB203 | D2 | C306 | *F1 | C1100 | F2 | D1001 | A2 | PH717 | *G3 | R327 | F1 | R706 | *G2 | RB204 | G1 | C437 | *F1 | C1105 | H2 | D717 | *D3 | L900 | *F1 | R207 | B2 | R511 | D3 | R1025 | B2 |
| R327 | F3 | R706 | *D2 | RB204 | D2 | C307 | *F1 | C1101 | F2 | D1100 | F2 | PH718 | *G3 | R328 | F1 | R707 | *D3 | RB300 | G1 | C444 | F1 | C1106 | H3 | D718 | *D2 | L901 | F1 | R208 | B2 | R512 | D3 | R1026 | B3 |
| R328 | F3 | R707 | *F3 | RB300 | E1 | C308 | F1 | C1102 | F2 | D1101 | F2 | PH719 | *G3 | R329 | F1 | R708 | *F2 | RB301 | G1 | C445 | F1 | | | D719 | *E3 | L1000 | D3 | R209 | E2 | R513 | D3 | R1027 | A2 |
| R329 | F3 | R708 | *D2 | RB301 | E1 | C309 | H3 | C1103 | F2 | D1102 | F2 | PH720 | *F3 | R330 | F1 | R709 | *G3 | RB302 | G1 | C446 | F1 | C0110 | *D1 | D720 | *C2 | L1001 | D3 | R300 | *D1 | R514 | *F2 | R1028 | A3 |
| R330 | F3 | R709 | *E3 | RB302 | E1 | C400 | H1 | C1104 | F2 | D1103 | F2 | PH800 | *C1 | R331 | F1 | R710 | *H2 | RB303 | G1 | C447 | F1 | C0111 | *D1 | D721 | *D3 | | | R301 | D1 | R515 | *F2 | R1029 | C3 |
| R331 | D1 | R710 | *F2 | RB303 | E1 | C401 | H1 | C1105 | F2 | D1104 | F2 | PH801 | *C2 | R332 | F1 | R711 | *F3 | RB304 | E1 | C448 | E1 | C0112 | *D1 | D722 | *C2 | LF103 | A2 | R302 | *D1 | R516 | *F2 | R1100 | H2 |
| R332 | D1 | R711 | *D3 | RB304 | E3 | C402 | H1 | C1106 | F2 | | | PH802 | *C1 | R333 | H3 | R712 | *G2 | RB305 | E1 | C449 | E1 | C0113 | *D1 | D723 | *C3 | LF104 | A2 | R303 | D1 | R517 | *F3 | | |
| R333 | F3 | R712 | *E2 | RB305 | E3 | C403 | H2 | | | E100 | H1 | PH803 | *B2 | R334 | H3 | R713 | *G2 | RB306 | E1 | C450 | E1 | C0114 | *D1 | D724 | *B2 | LF105 | A2 | R304 | E3 | R518 | *F2 | R0110 | D1 |
| R334 | F3 | R713 | *E2 | RB306 | E3 | C404 | H1 | CL200 | G1 | E103 | E3 | PH804 | *B1 | R335 | *F1 | R714 | *G2 | RB307 | E1 | C451 | E1 | C0115 | *D1 | D725 | *C3 | LF106 | F2 | R305 | E1 | R519 | *F3 | R0111 | D1 |
| R335 | E2 | R714 | *D2 | RB310 | F3 | C405 | H1 | CL201 | G1 | E104 | D1 | PH805 | *B2 | R336 | *G1 | R715 | *F2 | RB310 | H3 | C452 | F1 | C0116 | *D1 | D726 | *A2 | LF107 | F2 | R306 | D2 | R525 | B2 | R0112 | D1 |
| R336 | E2 | R715 | *D2 | RB600 | F2 | C406 | H1 | CL202 | G1 | E106 | A2 | PH806 | *B1 | R337 | *G1 | R716 | *H2 | RB600 | G2 | C453 | F1 | C0117 | *D1 | D727 | *B3 | LF108 | F2 | R307 | D2 | R526 | D3 | R0113 | D1 |
| R337 | E2 | R716 | *F2 | RB601 | F2 | C407 | H1 | CL203 | F1 | | | PH807 | *A2 | R338 | *G1 | R717 | *G2 | RB601 | G2 | C500 | F3 | C0118 | *D1 | D728 | *A1 | | | R309 | D1 | R600 | *B2 | R0114 | *D1 |
| R338 | E2 | R717 | *E2 | RB1100 | H2 | C408 | H1 | CL204 | G1 | FB110 | *F1 | PH808 | *A1 | R339 | *G1 | R718 | *G2 | RB1100 | F2 | C501 | B2 | C0119 | *D1 | D729 | *A3 | PH700 | *F2 | R310 | D2 | R601 | *B2 | R0115 | D1 |
| R339 | E2 | R718 | *E2 | RB1101 | H3 | C409 | H1 | CL205 | G1 | FB300 | F1 | PH809 | *C3 | R340 | *G1 | R719 | *G2 | RB1101 | F2 | C502 | C2 | C0120 | *D1 | D730 | *A1 | PH701 | *H3 | R311 | *D1 | R602 | E2 | | |
| R340 | E2 | R719 | *D2 | RB1102 | H3 | C410 | H1 | CL300 | F1 | FB400 | *G1 | PH810 | *A1 | R341 | *G1 | R720 | *F2 | RB1102 | F2 | C503 | B2 | C0121 | *D1 | D800 | *C2 | PH702 | *E2 | R318 | D1 | R700 | *F2 | RB200 | A2 |
| R341 | E2 | R720 | *D2 | | | C411 | H1 | CL301 | F1 | FB401 | F1 | PH811 | *B3 | R342 | *G1 | R800 | *C1 | | | C504 | E3 | C0122 | *D1 | D801 | *C1 | PH703 | *G3 | R325 | D1 | R701 | *H3 | RB201 | E2 |
| R342 | E2 | R800 | *C1 | S300 | D2 | C412 | H1 | CL302 | F1 | FB402 | F1 | PH812 | *C1 | R343 | F1 | R801 | *C2 | S300 | F2 | C505 | D3 | C0123 | *D1 | D802 | *B2 | PH704 | *E2 | R326 | *D1 | R702 | *E2 | RB202 | E2 |
| R343 | E1 | R801 | *C2 | S301 | E2 | C413 | H1 | CL303 | F1 | FB403 | H1 | PH813 | *B3 | R344 | G1 | R802 | *C1 | S301 | G1 | C506 | D3 | C0124 | *D1 | D803 | *B1 | PH705 | *G3 | R327 | F3 | R703 | *G3 | RB203 | D2 |
| R344 | E1 | R802 | *C1 | S302 | E2 | C414 | *H1 | CL304 | F1 | | | PH814 | *C1 | R345 | G1 | R803 | *B2 | S302 | G1 | C507 | *D1 | C0125 | *D1 | D900 | F1 | PH706 | *D2 | R328 | F3 | R704 | *E2 | RB204 | D2 |
| R345 | E1 | R803 | *B2 | | | C415 | *H1 | CL305 | F1 | IC200 | F1 | PH815 | *A3 | R346 | G1 | R804 | *B1 | | | C508 | *F2 | C0126 | *D1 | D901 | F1 | PH707 | *F3 | R329 | F3 | R705 | *G3 | RB300 | E1 |
| R346 | E1 | R804 | *B1 | TH900 | F1 | C416 | *H1 | CL306 | F1 | IC202 | G1 | PH816 | *B1 | R347 | G1 | R805 | *B2 | TH900 | H1 | C600 | D2 | C0127 | *D1 | D1000 | D3 | PH708 | *D2 | R330 | F3 | R706 | *D2 | RB301 | E1 |
| R347 | E1 | R805 | *B2 | | | C426 | H1 | CL307 | F1 | IC204 | G1 | PH817 | *B1 | R348 | G1 | R806 | *B1 | | | C601 | *B2 | C0128 | *D1 | D1001 | D3 | PH709 | *F3 | R331 | D1 | R707 | *F3 | RB302 | E1 |
| R348 | E1 | R806 | *B1 | TP400 | E1 | C433 | *G1 | | | IC205 | G1 | PH818 | *A1 | R349 | G1 | R807 | *A2 | TP400 | H1 | C602 | F2 | C0129 | *D1 | D1100 | H2 | PH710 | *F2 | R332 | D1 | R708 | *D2 | RB303 | E1 |
| R349 | E1 | R807 | *A2 | TP401 | F1 | C434 | *G1 | CN100 | H2 | IC302 | G1 | PH819 | *A1 | R350 | G1 | R808 | *A1 | TP401 | H2 | C603 | F2 | C0130 | *D1 | D1101 | H2 | PH711 | *E3 | R333 | F3 | R709 | *F2 | RB304 | E3 |
| R350 | E1 | R808 | *A1 | TP402 | E1 | C435 | H2 | CN101 | A3 | IC303 | G1 | | | R400 | H1 | R809 | *C3 | TP402 | F1 | C604 | E2 | C0131 | *D1 | D1102 | H2 | PH712 | *E2 | R334 | F3 | R710 | *F2 | RB305 | E3 |
| R400 | F1 | R809 | *C3 | TP403 | F1 | C436 | H2 | CN102 | H2 | IC304 | F1 | Q300 | *F1 | R401 | H1 | R810 | *A1 | TP403 | G1 | C605 | E2 | C0132 | *D1 | D1103 | H2 | PH713 | *E3 | R335 | E2 | R711 | *E2 | RB306 | E3 |
| R401 | F1 | R810 | *A1 | TP404 | E1 | C448 | F1 | CN103 | A3 | IC305 | F1 | Q301 | F1 | R402 | H1 | R811 | *B3 | TP404 | F1 | C606 | E2 | C0133 | *D1 | D1104 | H2 | PH714 | *E2 | R336 | E2 | R712 | *E2 | RB307 | E3 |
| R402 | F1 | R811 | *B3 | | | C449 | F1 | CN300 | H3 | IC306 | F2 | Q302 | *E1 | R403 | H1 | R812 | *C1 | | | C800 | *D1 | C0134 | *D1 | | | PH715 | *D3 | R337 | E2 | R713 | *E2 | RB310 | F3 |
| R403 | F1 | R812 | *C1 | X300 | D1 | C450 | F1 | CN900 | E2 | IC307 | *F1 | Q303 | G1 | R404 | H1 | R813 | *B3 | X300 | F1 | C801 | *D1 | C0135 | *D1 | E101 | G3 | PH716 | *D2 | R338 | E2 | R714 | *E2 | RB600 | *B2 |
| R404 | F1 | R813 | *B3 | | | C451 | F1 | CN901 | *G1 | IC400 | H1 | Q400 | H1 | R405 | H1 | R814 | *C1 | | | C802 | *D1 | C0136 | *D1 | E102 | E1 | PH717 | *D3 | R339 | E2 | R715 | *D2 | RB601 | *B2 |
| R405 | F1 | R814 | *C1 | | | C452 | H1 | CN1000 | *H3 | IC404 | F1 | Q401 | H1 | R406 | H1 | R815 | *A3 | | | C803 | *D1 | C0137 | *D1 | E103 | E3 | PH718 | *D2 | R340 | E2 | R716 | *D2 | RB602 | F2 |
| R406 | E1 | R815 | *A3 | | | C453 | H1 | CN1001 | *C2 | IC405 | F1 | Q500 | F3 | R407 | H1 | R816 | *B1 | | | C804 | *C1 | C0138 | *D1 | E104 | C2 | PH719 | *E3 | R341 | E2 | R717 | *D2 | RB603 | F2 |
| R407 | F1 | R816 | *B1 | | | C500 | F3 | CN1002 | *C2 | IC406 | H1 | Q501 | F3 | R408 | H1 | R817 | *B1 | | | C805 | *C1 | C0139 | *D1 | E106 | A2 | PH720 | *C2 | R342 | E2 | R718 | *D2 | RB1100 | H2 |
| R408 | F1 | R817 | *B1 | | | C501 | C2 | CN1003 | *B2 | IC500 | F3 | Q502 | F3 | R409 | H1 | R818 | *A1 | | | C806 | *C1 | | | | | PH721 | *D3 | R343 | E1 | R719 | *E3 | RB1101 | H3 |
| R409 | F1 | R818 | *A1 | | | C502 | B2 | CN1004 | *A2 | IC501 | B2 | Q503 | F3 | R410 | H1 | R819 | *A1 | | | C807 | *C1 | CL200 | D2 | FB0110 | *D1 | PH722 | *B2 | R344 | E1 | R720 | *C2 | RB1102 | H3 |
| R410 | F1 | R819 | *A1 | | | C503 | C2 | CN1100 | E2 | IC502 | C2 | Q504 | F3 | R411 | G1 | R900 | F2 | | | C808 | *B1 | CL201 | D2 | FB300 | D1 | PH723 | *C3 | R345 | E1 | R721 | *D3 | | |
| R411 | E1 | R900 | F1 | | | C504 | G3 | | | IC503 | G3 | Q505 | F3 | R418 | F1 | R901 | H1 | | | C809 | *B1 | CL202 | D2 | FB400 | F1 | PH724 | *B2 | R346 | E1 | R722 | *B2 | S300 | D2 |

**Continued**

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|---|---|
| S301 | E2 |
| S302 | E2 |
| S800 | * C1 |
| S801 | * C1 |
| S802 | * C1 |
| S803 | * C1 |
| S804 | * B1 |
| S805 | * B1 |
| S806 | * B1 |
| S807 | * B1 |
| TH900 | F1 |
| TP400 | B3 |
| TP401 | E1 |
| TP402 | F1 |
| TP403 | E1 |
| TP404 | E1 |
| TP405 | F1 |
| X300 | D1 |

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|---|---|
| C100 | E3 |
| C101 | E2 |
| C102 | E3 |
| C110 | * C1 |
| C111 | * C1 |
| C112 | * C1 |
| C113 | * C1 |
| C114 | * C1 |
| C115 | * C1 |
| C116 | * C1 |
| C117 | * C1 |
| C118 | * C1 |
| C119 | * C1 |
| C120 | * C1 |
| C121 | * C1 |
| C122 | * C1 |
| C123 | * D1 |
| C124 | * C1 |
| C125 | * C1 |
| C126 | * C1 |
| C127 | * C1 |
| C128 | * C1 |
| C129 | * C1 |
| C130 | * D1 |
| C131 | * D1 |
| C132 | * D1 |
| C133 | * C1 |
| C134 | * C1 |
| C135 | * C1 |
| C136 | * C1 |
| C137 | * C1 |
| C138 | * C1 |
| C139 | * C1 |
| C200 | D1 |
| C201 | * B1 |
| C202 | * B1 |
| C203 | D1 |
| C204 | D1 |
| C300 | C1 |
| C301 | C1 |
| C302 | * A1 |
| C304 | E1 |
| C305 | E1 |
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E007 *E3

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FB202 A2

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IC405 *C1
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IC407 *D1

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L206 A2

LF101 B1

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R620 B3

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RB104 E3
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RB107 *B1
RB401 *D1
RB402 *C1

TP201 *A3
TP202 *C1
TP203 *A2

## KY-699

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CN101 D3
CN102 A3
CN103 D3
CN300 C3
CN900 *D2
CN901 *B2

D400 D1
D403 C1
D700 *D1
D701 *D3
D702 *D1
D703 *D3
D704 *C1
D705 *C3
D706 *C1
D707 *C3
D708 *B1
D709 *B3
D710 *B1
D711 *B3
D712 *A1
D713 *A3
D714 *A1
D715 *A3
D716 *D1
D717 *D3
D718 *D1
D719 *D3
D720 *C1
D721 *C3
D722 *C1
D723 *C3
D724 *B1
D725 *B3
D726 *B1
D727 *B3
D728 *A1
D729 *A3
D730 *A1
D731 *A3
D900 D2
D901 D2

E100 A1
E101 D1

E104 A3
E106 D3

FB110 *B2
FB300 B1
FB400 C1
FB401 B2
FB402 B2
FB403 C2

IC200 B2
IC202 C1
IC204 B3
IC205 B3
IC302 C2
IC303 C2
IC306 C3
IC307 *B2
IC400 D1
IC404 B2
IC405 B2
IC406 C2
IC500 B3
IC503 B3
IC504 B3
IC600 B1
IC601 A1
IC602 A1
IC603 A1
IC604 B1
IC605 B1
IC900 D2

L400 D2
L401 C1
L402 D1
L403 B1
L404 B2
L405 C2
L900 D2
L901 D2

LF100 A2
LF101 A2
LF102 A3
LF103 D2
LF104 D2
LF105 D3

PH700 *D1
PH701 *D3
PH702 *D1
PH703 *D3
PH704 *C1
PH705 *C3
PH706 *C1
PH707 *C3
PH708 *B1
PH709 *B3
PH710 *B1
PH711 *B3
PH712 *A1
PH713 *A3
PH714 *A1
PH715 *A3
PH716 *D1
PH717 *D3
PH718 *D1
PH719 *D3
PH720 *C1
PH721 *C3
PH722 *C1
PH723 *C3
PH724 *B1
PH725 *B3
PH726 *B1
PH727 *B3
PH728 *A1
PH729 *A3
PH730 *A1
PH731 *A3

Q301 C2

Q303 C2
Q400 C1
Q401 C2
Q500 B3
Q501 B3
Q502 B3
Q503 B3
Q504 B3
Q505 B3
Q512 D1
Q513 D1
Q514 D1
Q515 D2
Q516 D2
Q517 D2
Q600 *A1
Q601 *A1
Q602 *A2
Q603 *A3
Q900 D2

R100 D3
R110 B2
R111 B2
R112 B2
R113 B2
R114 *B2
R115 B2
R200 B1
R201 B1
R202 B1
R209 B2
R300 *B2
R302 *B2
R305 C2
R306 C3
R307 C3
R310 C3
R318 B1
R325 B2
R326 *B2
R327 *B2
R328 C2
R329 *B2
R330 C2
R331 B2
R332 B2
R333 C3
R334 C3
R335 B1
R336 B1
R337 B1
R338 B1
R339 B1
R340 B1
R341 B1
R342 B1
R343 B1
R344 B1
R345 B1
R346 B1
R347 B1
R348 B1
R349 B1
R350 B1
R400 D1
R401 D1
R402 D1
R403 D1
R404 C1
R405 C1
R406 C1
R407 C1
R408 C1
R409 C1
R410 C1
R411 C1
R418 B2
R419 B1
R420 B1
R421 B2
R422 B2
R423 B2

R424 B2
R425 C2
R426 C2
R427 C2
R428 C2
R429 C2
R500 B3
R501 B3
R502 B3
R503 B3
R504 B3
R505 B3
R515 B3
R516 B3
R517 B3
R518 B3
R519 D1
R520 D1
R521 D1
R522 D2
R523 D2
R524 D2
R526 B3
R600 B1
R601 B1
R700 *D1
R701 *D2
R702 *D1
R703 *D2
R704 *C1
R705 *C2
R706 *C1
R707 *C2
R708 *B1
R709 *B2
R710 *B1
R711 *B2
R712 *A1
R713 *A2
R714 *A1
R715 *A2
R716 *D1
R717 *D3
R718 *D1
R719 *D3
R720 *C1
R721 *C3
R722 *C1
R723 *C3
R724 *B1
R725 *B3
R726 *B1
R727 *B3
R728 *A1
R729 *A3
R730 *A1
R731 *A3
R900 D2
R901 D2
R902 *D2
R903 D2
R904 D2
R905 D2
R906 D2
R907 D2
R908 D2
R909 D2
R910 *B2
R911 D2
R912 D2

RB201 B3
RB202 B3
RB203 B3
RB204 B3
RB300 C2
RB301 C2
RB302 C2
RB303 C2
RB310 C3
RB600 A1
RB601 A1

S300 C3
S301 B1
S302 B1

TH900 D2

TP400 C1
TP401 D1
TP402 B2
TP403 C2
TP404 B2

X300 B1

## VR-347

1-886-535-12, 22

*: B SIDE

C001 *A1
C002 *A1
C003 *A1
C004 *A1
C005 A1

CN001 A1

FB001 A1

EN001 *A1
EN002 *A1
EN003 *A1
EN004 *A1

FB001 A1

RB001 A1
RB002 A1

## VR-348

1-886-537-12, 22

*: B SIDE

C001 A1
C002 A1
C003 A1
C004 A1

CN001 A1

FB001 A1

PH001 *A1
PH002 *A1
PH003 *A1

R001 A1
R002 A1
R003 A1
R004 A1
R005 A1
R006 A1

RB001 A1
RB002 A1

## VR-349

1-886-657-12, 22

*: B SIDE

C1 A1
C2 A1
C3 A1
C4 A1
C5 A1

CN301 A1

EN301 A1
EN302 A1
EN303 A1
EN304 A1
EN305 A1

## SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

### LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 3.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 5.25 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 20 V AC range are suitable. (See Fig. A)

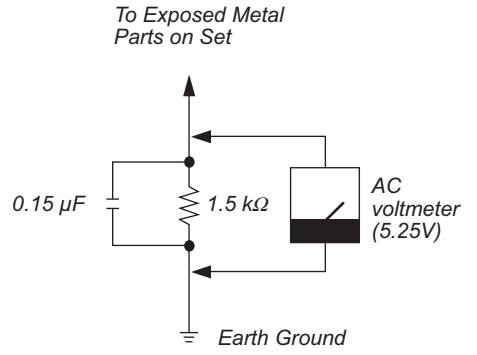


*Fig A. Using an AC voltmeter to check AC leakage.*

ICP-6520 (SY)
ICP-6520 (CN)
ICP-3000 (SY)
ICP-3000 (CN)
ICP-3016 (SY)
ICP-3016 (CN)
ICP-6530 (SY)
ICP-6530 (CN)
ICP-6511 (SY)
ICP-6511 (CN) J, E

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