

SERVICE MANUAL

Ver. 1.0 2019.01
LEVEL 2
Note:

Be sure to keep your PC used for service and checking of this unit always updated with the latest version of your anti-virus software. In case a virus affected unit was found during service, contact your Service Headquarters.



Photo: ILCE-6400 (Main body)/BLACK

*US Model
Canadian Model
AEP Model
UK Model
E Model
Indian Model
Chinese Model
Korea Model
Tourist Model*

[About the service of this model]

ILCE-6400L/6400M is commodity that packed the Interchangeable Lens Digital Camera and Interchangeable Lens. Refer to each following service manual the Interchangeable Lens kit, when you repair.

Model	Lens	Service Manual of Lens
ILCE-6400	No supplied lens	No supplied lens
ILCE-6400L	SEL1650 (E PZ 16-50mm F3.5-5.6 OSS)	9-834-693-1□
ILCE-6400M	SEL18135 (E 18-135mm F3.5-5.6 OSS)	9-896-833-1□

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Revision of Information:

This information may be changed or updated at any time without any prior notice. Please confirm that this information is up-to-date before using it.

INTERCHANGEABLE LENS DIGITAL CAMERA

9-896-854-31

2019A33-1

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ILCE-6400/6400L/6400M



SPECIFICATIONS

Camera

[System]

Camera Type
Interchangeable Lens Digital Camera

Lens
Sony E-mount lens

[Image sensor]

Image format
APS-C size (23.5 mm × 15.6 mm), CMOS image sensor

Effective pixel number of camera
Approx. 24 200 000 pixels

Total pixel number of camera
Approx. 25 000 000 pixels

[Anti-Dust]

System
Charge protection coating on Optical Filter and ultrasonic vibration mechanism

[Auto focus system]

Detection system
Phase detection system/Contrast detection system

Sensitivity Range
-2 EV to +20 EV (at ISO 100 equivalent, F2.0)

[Electronic Viewfinder]

Type
1.0 cm (0.39 type) Electronic Viewfinder

Total number of dots
2 359 296 dots

Frame coverage
100%

Magnification
Approx. 1.07×

Approx. 0.70× (35 mm-format equivalent) with 50 mm lens at infinity, -1 m⁻¹

Eye Point
Approx. 23 mm from the eyepiece and approx. 21.4 mm from the eyepiece frame at -1 m⁻¹

Diopter Adjustment
-4.0 m⁻¹ to +3.0 m⁻¹

[Monitor]

LCD monitor
Wide, 7.5 cm (3.0 type) TFT drive, touch panel

Total number of dots
921 600 dots

[Exposure control]

Metering method
1 200-zone evaluative metering

Metering Range
-2 EV to +20 EV (at ISO 100 equivalent with F2.0 lens)

ISO sensitivity (Recommended exposure index)
Still images: ISO 100 to ISO 32 000 (Extended ISO: Maximum ISO 102 400), [ISO AUTO] (ISO 100 to 6 400, Maximum/Minimum can be set.)

Movies: ISO 100 to ISO 32 000 equivalent, [ISO AUTO] (ISO 100 to ISO 6 400 equivalent, Maximum/Minimum can be set.)

Exposure compensation
±5.0 EV (switchable between 1/3 EV and 1/2 EV steps)

[Shutter]

Type
Electronically-controlled, vertical-traverse, focal-plane type

Speed range
Still images: 1/4 000 second to 30 seconds, BULB

Movies: 1/4 000 second to 1/4 second (1/3 EV step)

⊕ 1080 60i-compatible devices (1080 50i-compatible devices): up to 1/60 (1/50) second in AUTO mode (up to 1/30 (1/25) second in Auto slow shutter mode)

Flash sync speed

1/160 second (when using a flash manufactured by Sony)

[Flash]

Guide number
6 (in meters at ISO100)

Recycling time
Approx. 4 seconds

Flash coverage
Covering 16 mm lens (focal length that the lens indicates)

Flash compensation
±3.0 EV (switchable between 1/3 EV and 1/2 EV steps)

[Recording format]

File format
JPEG (DCF Ver. 2.0, Exif Ver. 2.31, MPF Baseline) compliant, RAW (Sony ARW 2.3 format)

Movie (XAVC S format)
MPEG-4 AVC/H.264 XAVC S ver.1.0 format compliant

Video: MPEG-4 AVC/H.264

Audio: LPCM 2ch (48kHz 16bit)

Movie (AVCHD format)
AVCHD format Ver. 2.0 compatible

Video: MPEG-4 AVC/H.264

Audio: Dolby Digital 2ch, equipped with Dolby Digital Stereo Creator

⊕ Manufactured under license from Dolby Laboratories.

[Recording media]

Memory Stick, SD cards

[Input/output terminals]

Multi/Micro USB Terminal*
Hi-Speed USB (USB 2.0)

* Supports Micro USB compatible devices.

HDMI
HDMI type D micro jack

⌚ (Microphone) terminal
Ø3.5 mm Stereo mini jack

[Power, general]

Model No.
WW715296

Rated input
7.2 V

Power consumption (while shooting)
Using an E PZ 16-50mm F3.5-5.6 OSS
When using the viewfinder: Approx. 2.4 W
When using the monitor: Approx. 2.1 W

Operating temperature
0 to 40°C (32 to 104°F)

Storage temperature
-20 to 55°C (-4 to 131°F)

Dimensions (W/H/D) (Approx.)
120×66.9×59.7 mm
120×66.9×49.9 mm (from grip to monitor)
4.3/4 × 2.3/4 × 2.3/8 in.
4.3/4 × 2.3/4 × 2 in. (from grip to monitor)

Mass (Approx.)
403 g (14.3 oz) (including battery pack, SD card)

Microphone
Stereo

Speaker
Monaural

Exif Print
Compatible

DPOF
Compatible

PRINT Image Matching III
Compatible

[Wireless LAN]
Supported format
IEEE 802.11 b/g/n

Frequency band
2.4 GHz

Security
WEP/WPA-PSK/WPA2-PSK

Connection method
Wi-Fi Protected Setup™ (WPS)/Manual

Access method
Infrastructure mode

[NFC]

Tag type
NFC Forum Type 3 Tag compliant

[Bluetooth communications]

Bluetooth standard Ver. 4.1

Frequency band
2.4 GHz

AC Adaptor AC-UUD12/AC-UUE12

Rated input
100 – 240 V , 50/60 Hz, 0.2 A

Rated output
5 V , 1.5 A

Rechargeable battery pack NP-FW50

Rated voltage
7.2 V

Design and specifications are subject to change without notice.

Model information table

Model	ILCE-6400		ILCE-6400L		ILCE-6400M	
Destination	US, CND, E, KR	AEP, UK, E, IND, CH, JE	US, CND, E, KR	AEP, UK, E, IND, CH, JE	US, CND, E, KR	AEP, UK, E, IND, CH, JE
Color system	NTSC	PAL	NTSC	PAL	NTSC	PAL
Lens	–	–	E PZ 16-50mm F3.5-5.6 OSS	E PZ 16-50mm F3.5-5.6 OSS	E 18-135mm F3.5-5.6 OSS	E 18-135mm F3.5-5.6 OSS

• Abbreviation

CH : Chinese model
CND : Canadian model
IND : Indian model
JE : Tourist model
KR : Korea model

CHEMICALS

Some chemicals used for servicing are highly volatile. Their evaporation caused by improper management affects your health and environment, and wastes resources. Manage the chemicals carefully as follows.

- Store chemicals sealed in a specific place to prevent from exposure to high temperature or direct sunlight.
- Avoid dividing chemicals into excessive numbers of small containers to reduce natural evaporation.
- Keep containers sealed to avoid natural evaporation when chemicals are not in use.
- Avoid using chemicals as much as possible. When using chemicals, divide only required amount to a small plate from the container and use up it.

EXTERIOR PARTS

Be careful to the following points for plastic parts used in this unit.

- Use a piece of cleaning paper or cleaning cloth for cleaning plastic parts. Avoid using chemicals. Even if you have to use chemicals to clean heavy dirt, don't use paint thinner, ketone, nor alcohol.
- Insert the specific screws vertically to the part when installing a plastic part. Be careful not to tighten screws too much.

Caution

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type. Dispose of used batteries according to the instructions.

注意

如果电池更换不当会有爆炸危险。只能用同样类型或等效类型的电池来更换。务必按照说明处置用完的电池。

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK \triangle OR DOTTED LINE WITH MARK \triangle ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE \triangle SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SAFETY CHECK-OUT

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

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
4. Look for parts which, through functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
5. Check the B+ voltage to see it is at the values specified.
6. Flexible Circuit Board Repairing
 - Keep the temperature of the soldering iron around 350°C during repairing.
 - Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
 - Be careful not to apply force on the conductor when soldering or unsoldering.

UNLEADED SOLDER

This unit uses unleaded solder.

Boards requiring use of unleaded solder are printed with the 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

Be careful to the following points to solder or unsolder.

- Set the soldering iron tip temperature to 350°C approximately. If cannot control temperature, solder/unsolder at high temperature for a short time.

Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful! Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Be sure to control soldering iron tips used for unleaded solder and those for leaded solder so they are managed separately. Mixing unleaded solder and leaded solder will cause detachment phenomenon.

1. SERVICE NOTE

1-1. PRECAUTION ON REPLACING THE SY-1094 BOARD

Destination Data

When you replace to the repairing board, the written destination data of repairing board also might be changed to original setting. Start the Adjust manual in the Adjust station and execute the “Destination Data Write”.

Restore Data

When you replace to the repairing board, get the data from the former one.

Start the Adjust manual in the Adjust station and perform “RESTORE DATA” to get the data.

The data getting for this model is as follows.

- Product ID & USB Serial Data
- WB Adjustment Data
- AORI Adjustment Data
- Eyepiece Detection Adjustment Data
- Imager DRA Data

USB Serial No. and Product ID

The unit is shipped after an ID (USB Serial No.) unique to each unit and an ID (Product ID) unique to each model have been written.

These IDs have not been written in a new board for service, and therefore they must be entered after the board replacement.

After the board has been replaced with a board for service, start the Adjust manual in the Adjust station and execute the “Product ID & USB Serial No. Input” and enter these IDs.

Note: A newly entered Product ID is not always equal to the ID before board replacement. If the new ID differs from the previous ID, it may cause a difference from the ID registered by the customer.

Imager DRA Data

- When the imager data is extracted from the set before the SY board replacement, extract the imager data from the set before the SY board replacement using [READ and SAVE (Imager DRA)] of “Restore Data” in the DATA tab of the Adjust manual.
After the SY board has been replaced, write the data extracted from the set before the SY board replacement in the set using “Imager DRA Data Write” in the ADJUST tab of the Adjust manual.
- When the imager data is not extracted from the set before the SY board replacement, write the fixed data to the set using [Failed reading old board data] of “Imager DRA Data Write” in the ADJUST tab of Adjust manual.

Update of MAC Address and Device Address

When a board that contains Wi-Fi and Bluetooth has been replaced or when replacing a board that contains the main IC (CPU), the IC’s unique number (MAC address and device address) must be reloaded. Perform the following procedure to reload the IC’s unique number (MAC address and device address).

Note: Perform the following operations after all work has been done.

1. Download the latest-version Adjust manual.
2. Install the downloaded Adjust manual.
3. Start the Adjust manual, and execute “Wireless LAN Setting (MAC Address)” on the ADJUST tab.
4. Perform the following operations for the unit to initialize.
[MENU] button → [⊕] → [Reset Network Set.] → [Enter]
5. Perform the following operations for the unit to display MAC address.
[MENU] button → [⊕] → [Wi-Fi Settings] → [Disp MAC Address]
6. Confirm that the displayed MAC address has been updated.
7. Perform the following operations for the unit to display device address.
[MENU] button → [⊕] → [Bluetooth Settings] → [Disp Device Address]
8. Confirm that the displayed device address has been updated.

Applicable parts

- SY-1094 BOARD, COMPLETE (SERVICE)

Note: The LOAD AND WRITE function in ADJUSTMENT DATA BACKUP on the DATA tab in the Adjust manual overwrites all data of the unit.
Therefore, the MAC address and device address updated during the above procedure is also overwritten.

After the replacement and repair, the MAC address and device address are changed, and thus the re-setting for connection devices is required. Accordingly, download the Flyer of WLAN Reset (Flyer of WLAN Reset_9834752□□.pdf) and print out it, and attach it to the set when returning the set to customer.

1-2. PRECAUTION FOR REPLACEMENT OF THE MECHA DEVICE SERVICE (IMAGER)

Capture the data to PC from CD-ROM supplied with the mecha device service when it is ordered.

Write the captured data in the set using “Imager DRA Data Write” in the ADJUST tab of the Adjust manual.

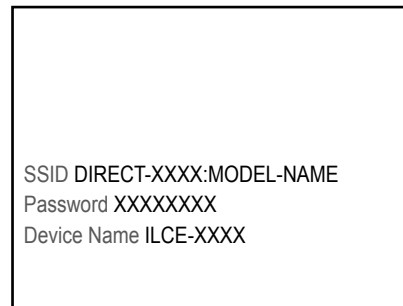
After all adjustment items have been completed, execute “Phase Difference AF Check” on the SERVICE tab of the Adjust manual.

1-3. CHECKING THE Wi-Fi FUNCTION

Perform the following procedure to check the Wi-Fi function.

Required equipment: Windows personal computer with Wi-Fi interface

1. Turn on the power of the unit.
2. Perform the following operations for the unit.
[MENU] button → [Globe icon] → [Ctrl w/ Smartphone] → [Connection]
3. QR code is displayed.
4. Press the [Wi-Fi icon] button and then a password for Wi-Fi connection is displayed..



5. Confirm on the personal computer that the unit is detected as a connectable wireless network.
6. To further confirm that the unit is connectable, connect the unit to the personal computer and double-click the “current connection” from the icon displayed on the notice field, make sure that the unit is displayed in the Wireless internet access column.



2. DISASSEMBLY & ASSEMBLY

OPERATION NOTES

Make sure that the conductive side of a flexible board does not have any stain or foreign materials.
Do not touch the conductive side of flexible boards with bare hands.
Plug in a flexible board straight, fully into the connector until it reaches the end inside. (Fig. 1, Fig. 2, Fig. 3)

OK
(The flexible board was plugged in straight and completely)

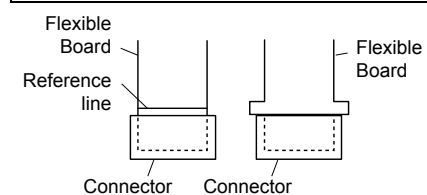


Fig. 1

NG
(The flexible board was plugged in crooked.)

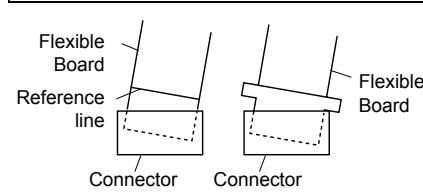


Fig. 2

NG
(The flexible board was not plugged in completely.)

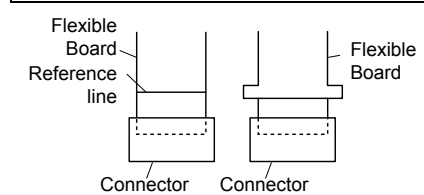
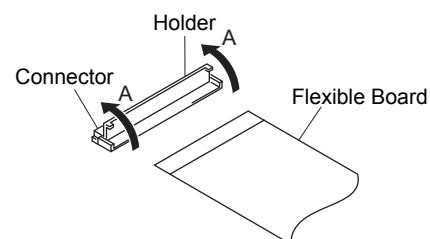
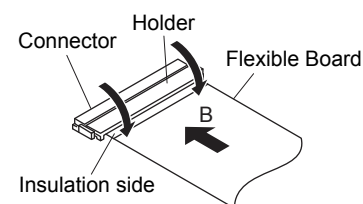


Fig. 3

When opening the connector's holder in direction A, do not open it with excessive force.

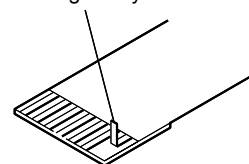


When closing the connector's holder, press it evenly while pushing a flexible board in direction B.



- Make sure that the flat cable and flexible board are not cracked or bent at the contact end.
- Do not apply excessive force to the gilded flexible board.

Cut and remove the part of gilt which comes off at the point.
(Be careful or some pieces of gilt may be left inside)



- The proper way to disconnect a connector is to grab the connector instead of the wires. If you pull on the wires, they might be broken.
- The proper way to connect a connector is to grab the connector instead of the wires. If you push on the wires, they might be broken.

SERVICE TOOLS

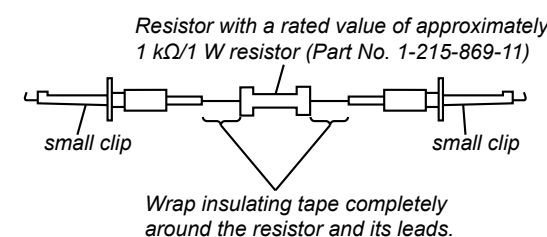
Display	Use	Part No.
G-85	Grease (G-85)	J-6082-626-A

DISCHARGING OF THE CHARGING CAPACITOR FOR THE FLASH

The charging capacitor for the flash has been charged at high voltage. Therefore, there is a possibility of an electric shock if you directly handle the charging capacitor for the flash. The high-voltage charge will not be discharged by simply turning off the unit's power. Make sure any remaining voltage is discharged by short-circuiting the charging capacitor for the flash with a short jig.

Preparing a Short Jig

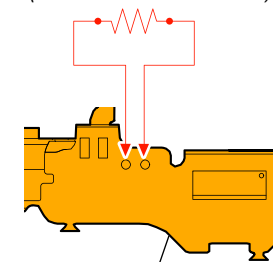
Make a short jig by connecting a small clip to each lead of a resistor with a rated value of approximately 1 kΩ / 1 W. In order to prevent an electric shock, wrap insulating tape completely around the resistor and its leads.



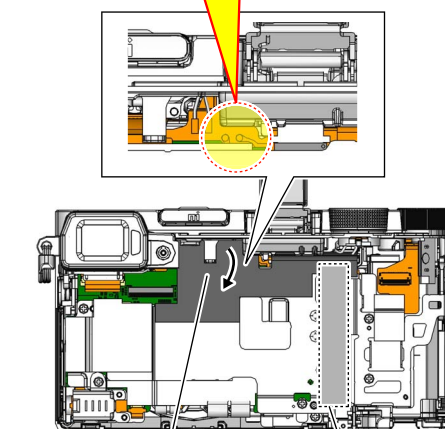
Note: High-voltage cautions

Discharging the Capacitor
Short-circuit between two points with the short jig about 10 seconds.

R: 1 kΩ/1 W
(Part code: 1-215-869-11)

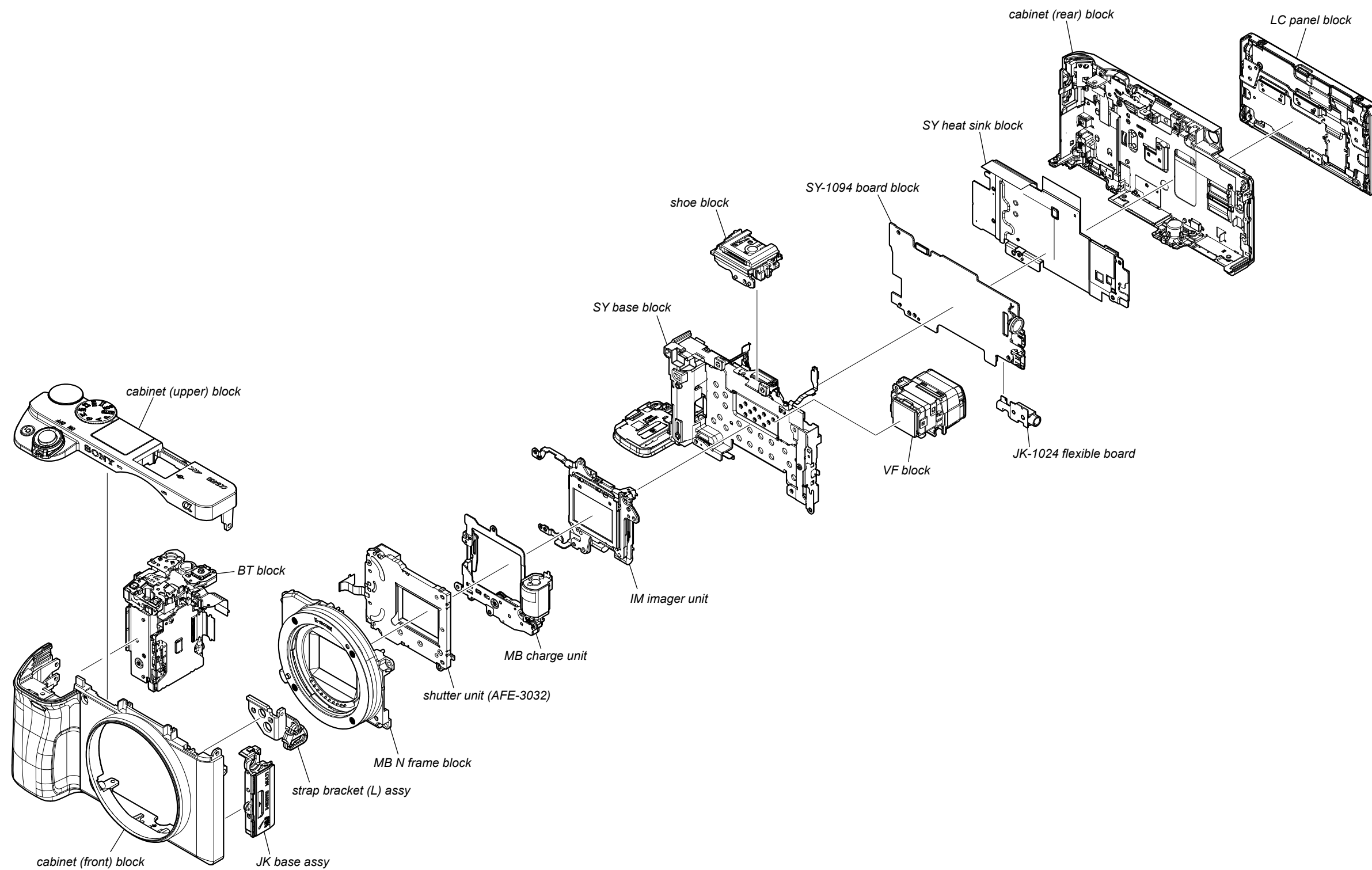


ST-1035 flexible board



Turn the SY WP sheet (upper). C901

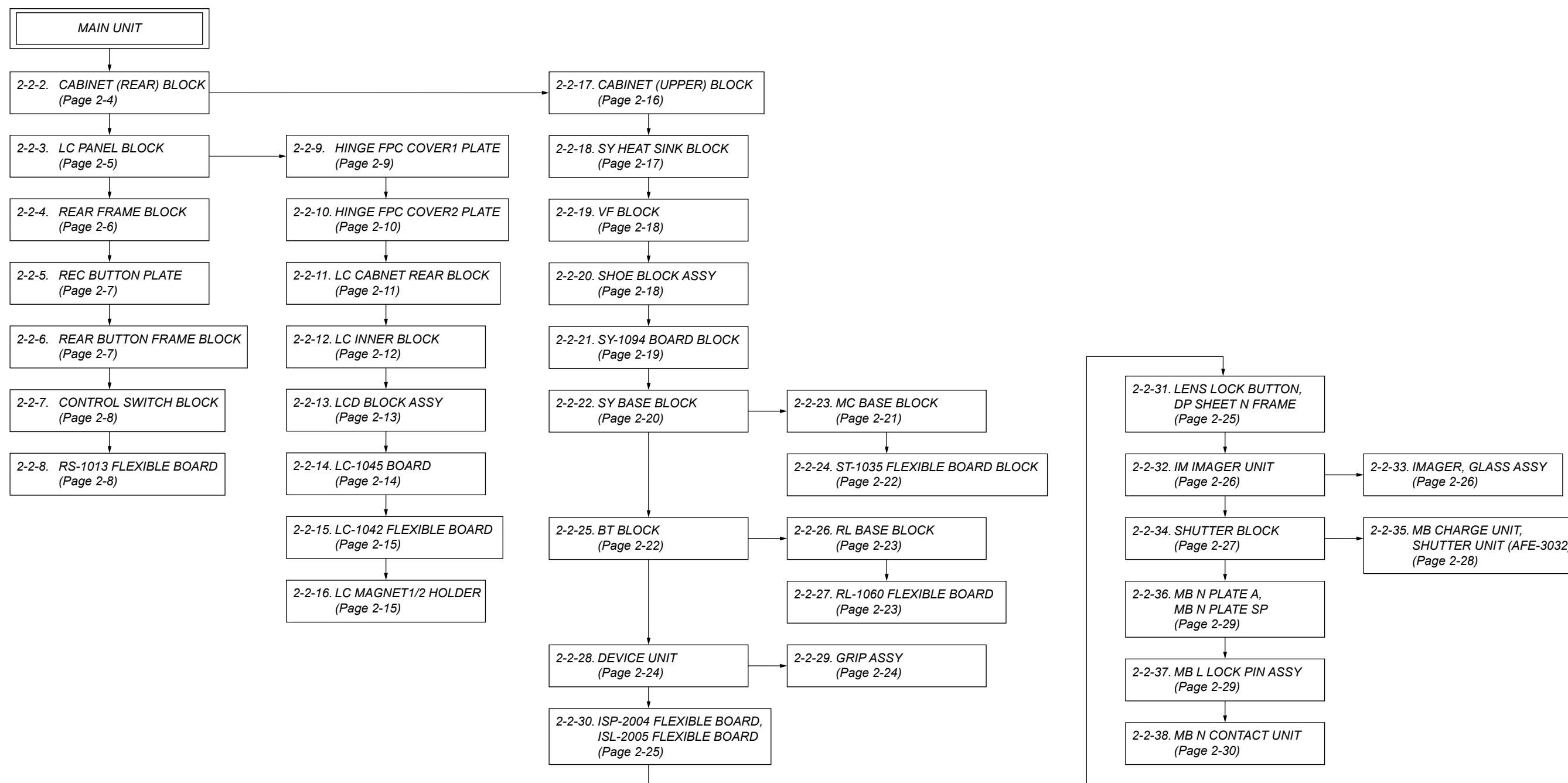
2-1. CONSTITUTION DIAGRAM



2-2. DISASSEMBLY

- Disassembled in the order shown in the flowchart below.

2-2-1. DISASSEMBLY FLOW



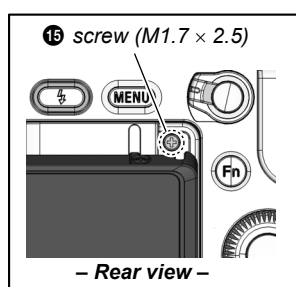
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Note: Disassemble in the order indicated by the numbers assigned to the parts in the figures such as ❶.

2-2-2. CABINET (REAR) BLOCK

❶ diopter adjust dial sheet

Note: Diopter adjust dial sheet cannot be reused.
Be sure to replace them with new parts.



❷ diopter adjust dial

❸ tapping screw (1.7 × 5)

❹ Open the LCD panel.

❺ Open the JK lid.

❻ Pop-up the flash unit.

❼ screw (M1.7 × 4)

❼ screw (M1.7 × 4)

❽ screw (M1.7 × 2.5)

❾ eye cup assy

top side

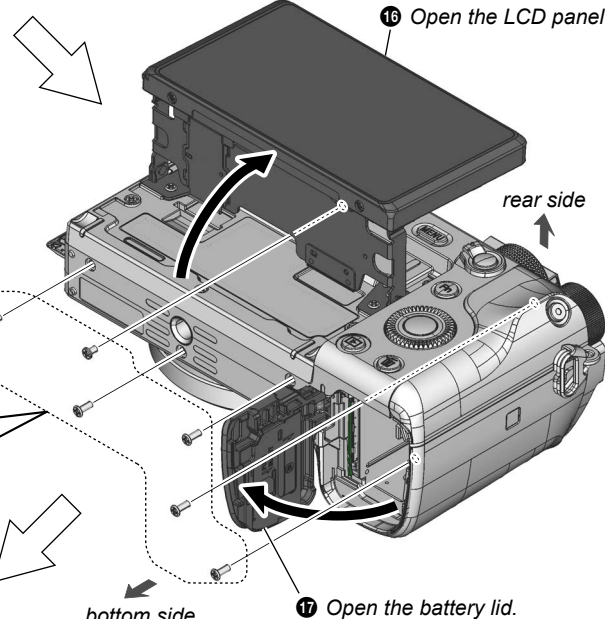
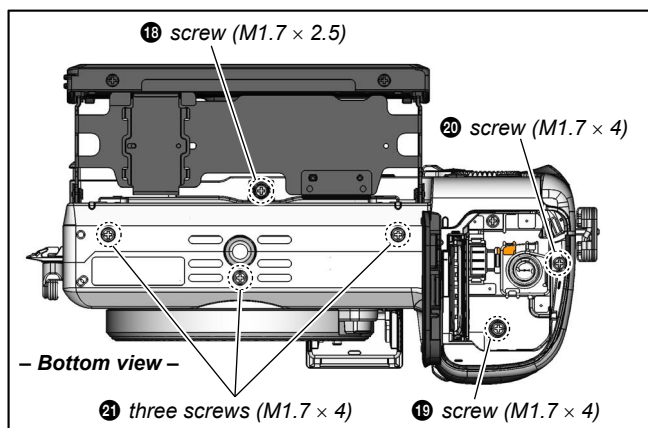
❿ claw

⓫ cabinet (rear SP)

⓬ Remove the cabinet (rear SP) in the direction of the arrow.

⓭ screw (M1.7 × 4)

⓮ Open the LCD panel.



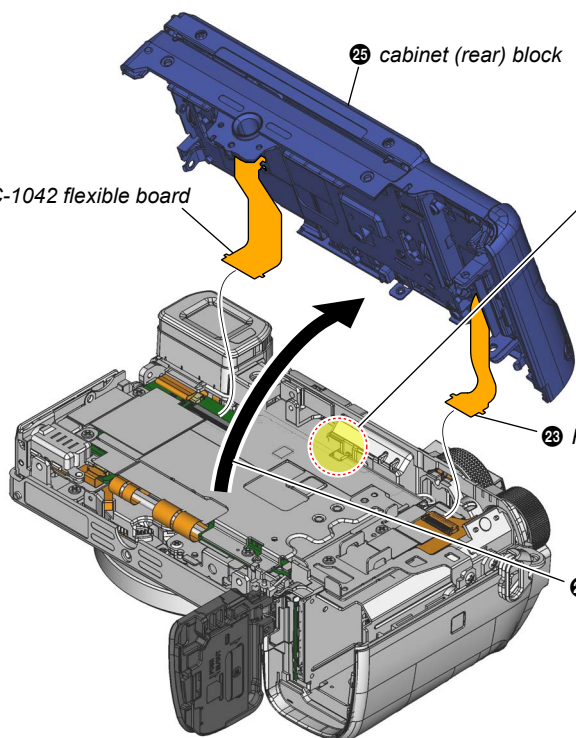
⓸ cabinet (rear) block

⓹ LC-1042 flexible board

⓺ Discharging.
(Refer to page 2-1)

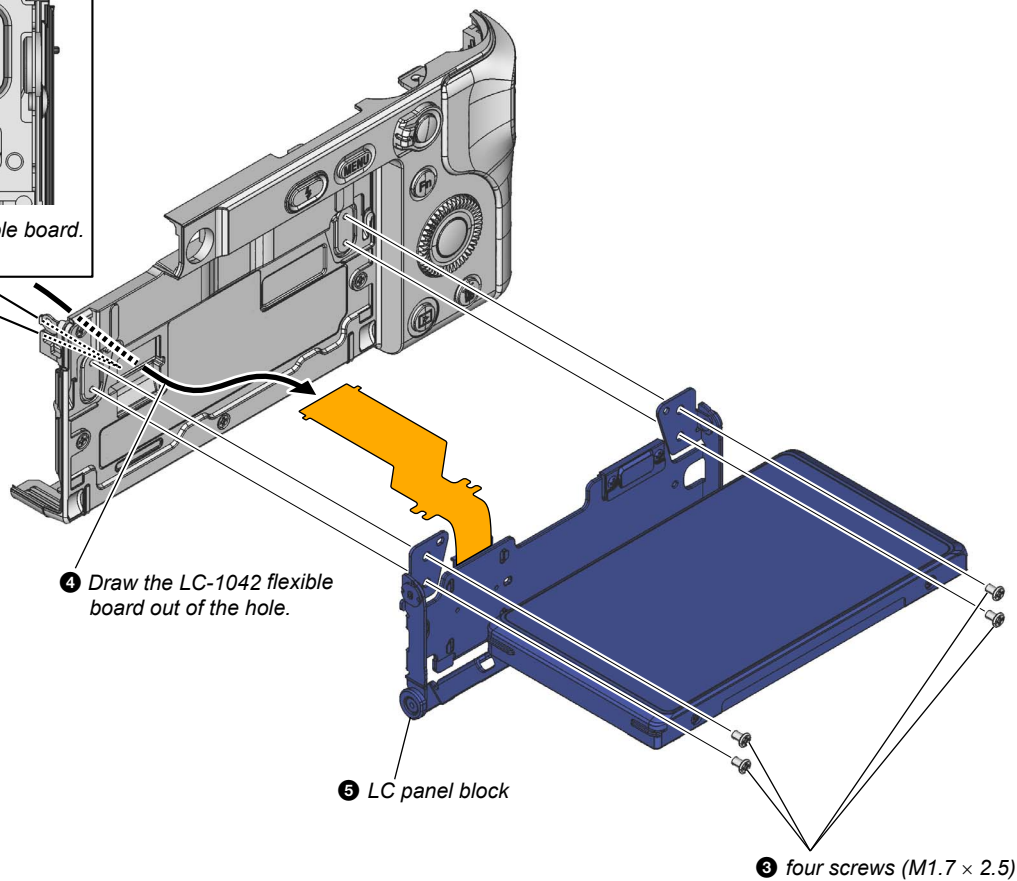
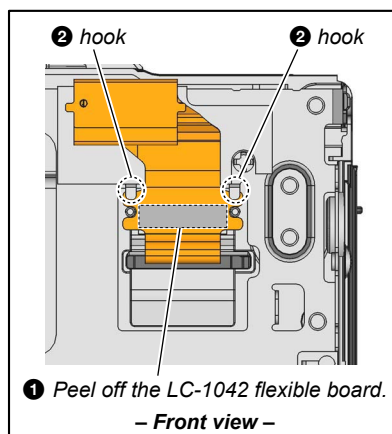
⓻ RS-1013 flexible board

⓼ Open the cabinet (rear) block in the direction of the arrow.



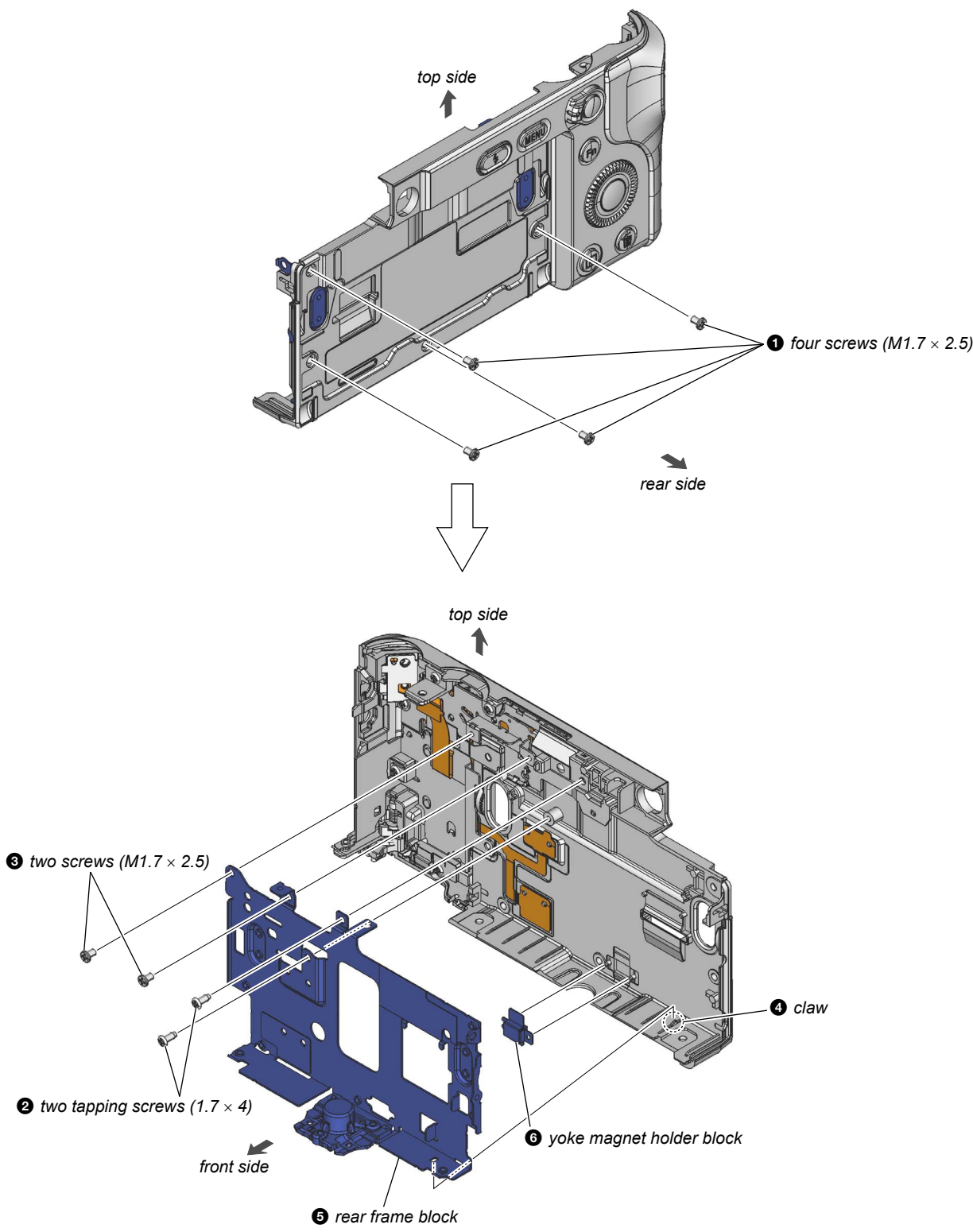
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2-2-3. LC PANEL BLOCK



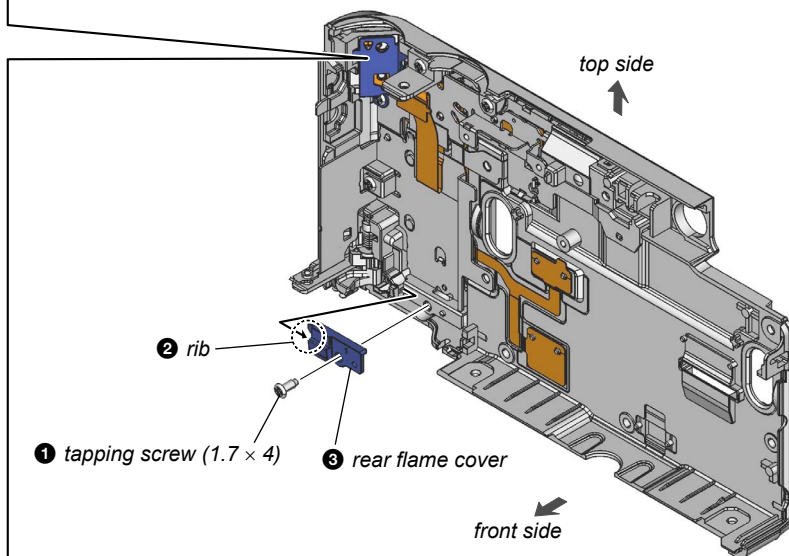
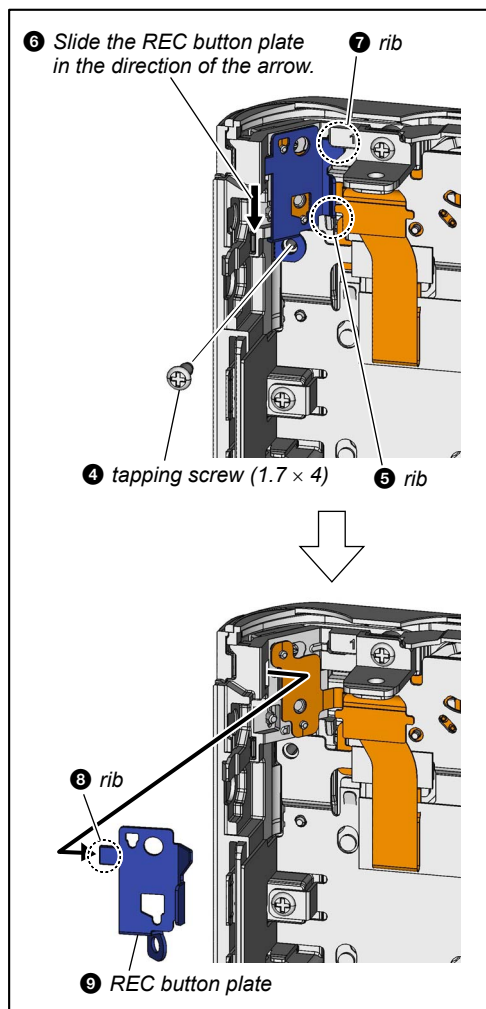
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2-2-4. REAR FRAME BLOCK

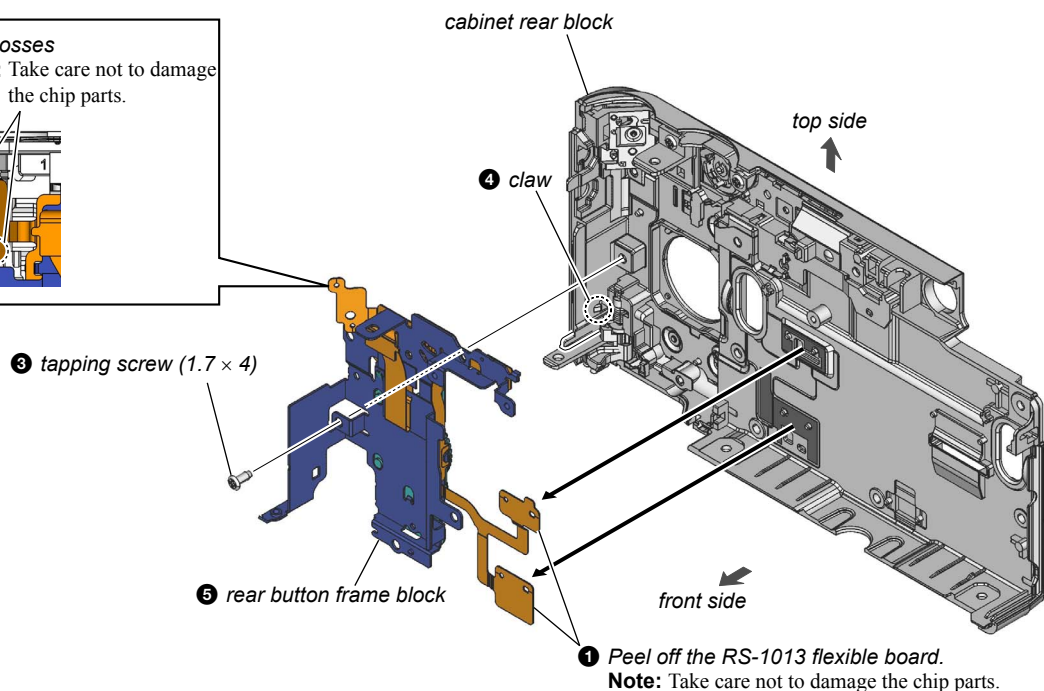
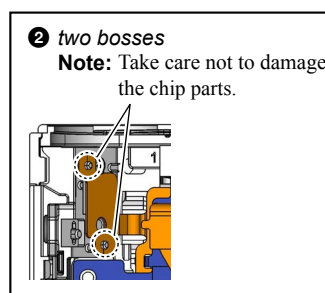


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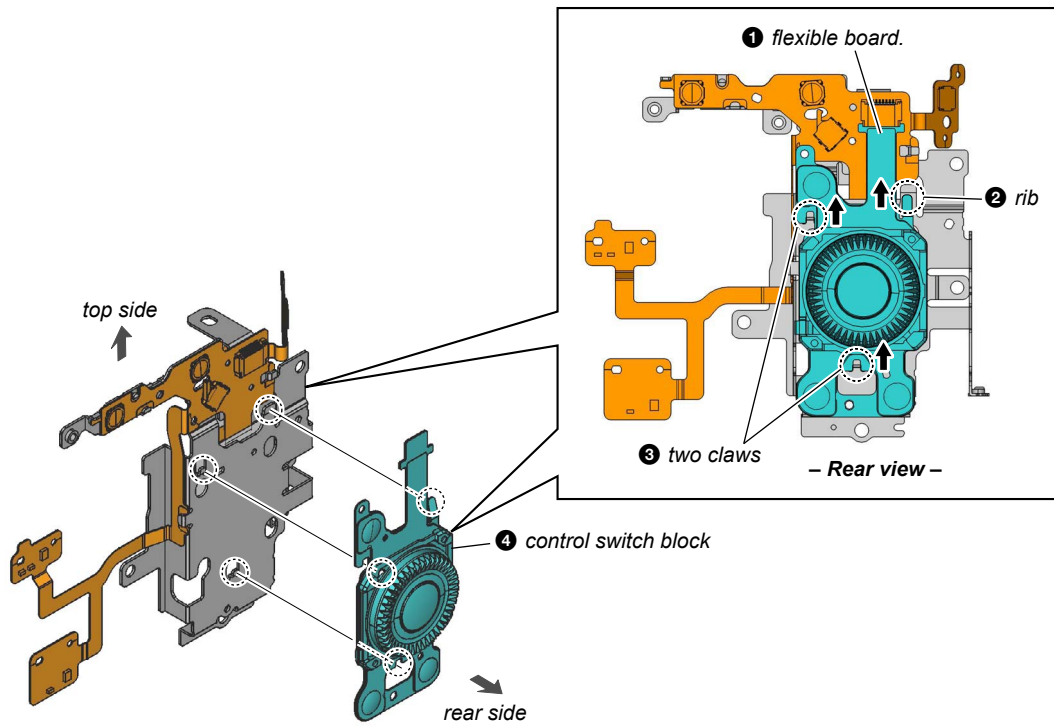
2-2-5. REC BUTTON PLATE



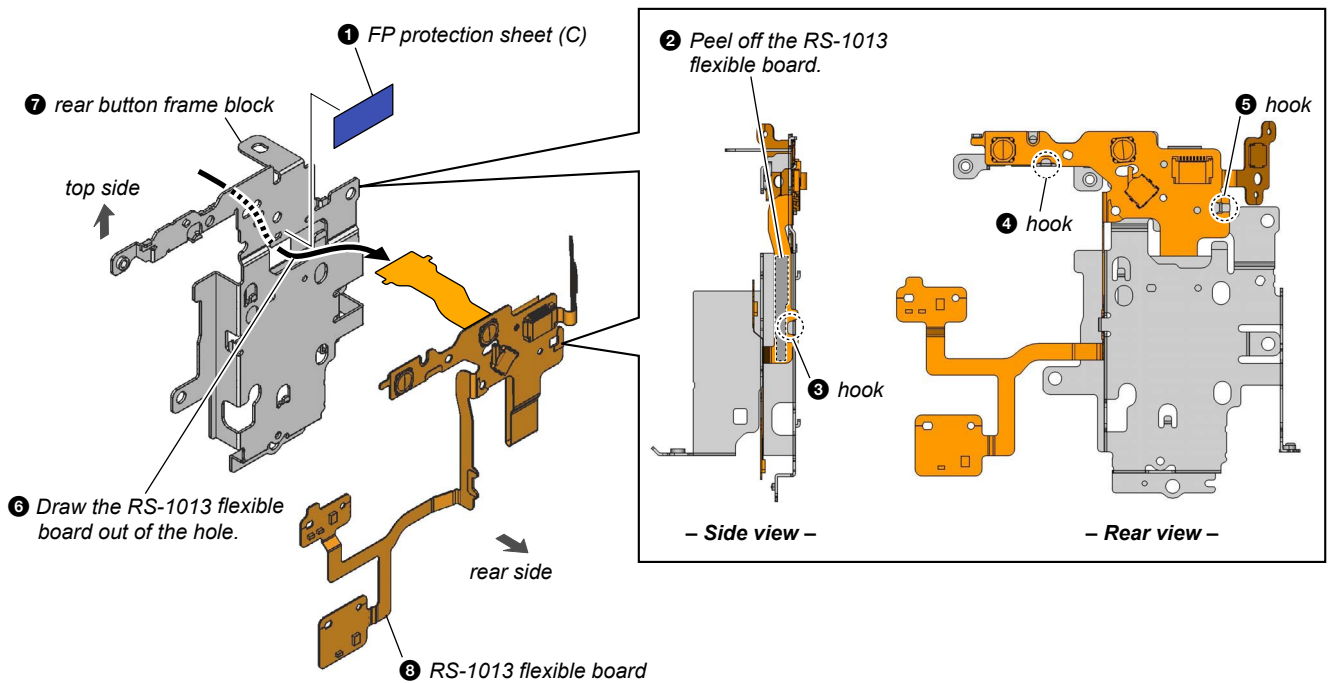
2-2-6. REAR BUTTON FRAME BLOCK



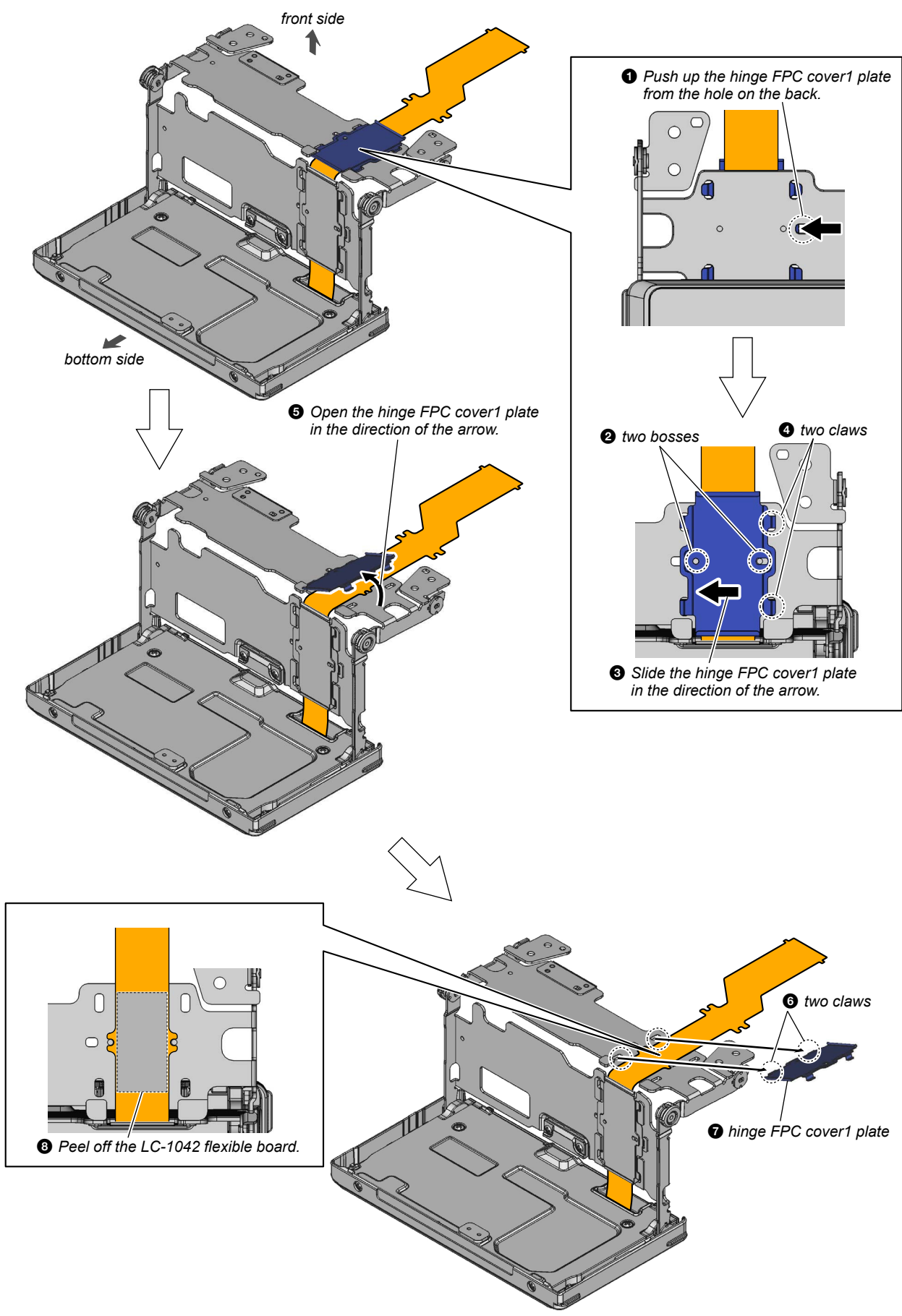
2-2-7. CONTROL SWITCH BLOCK



2-2-8. RS-1013 FLEXIBLE BOARD

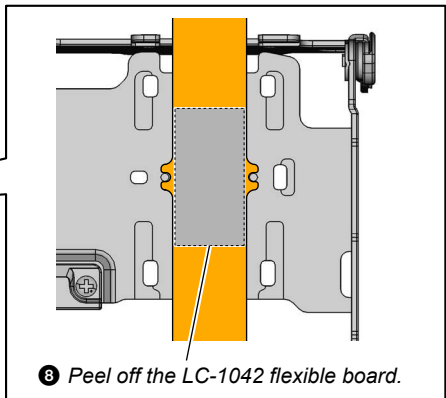
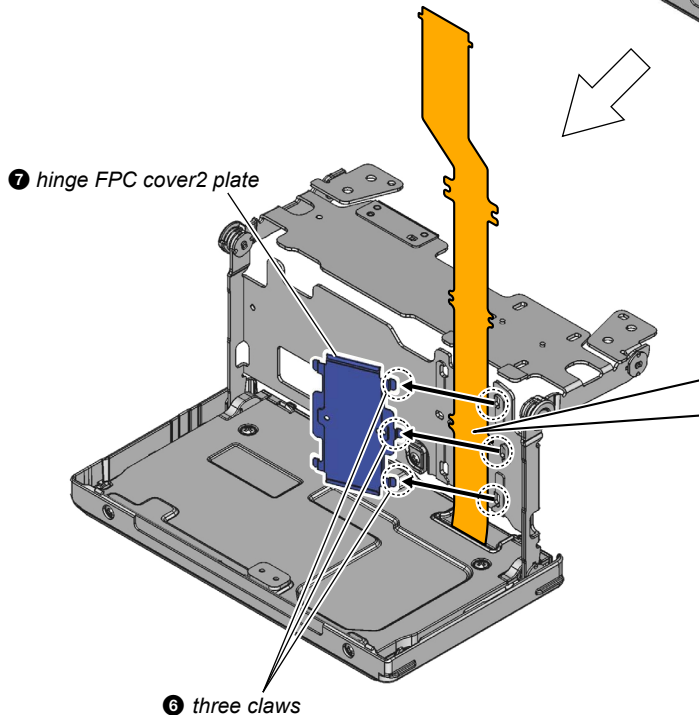
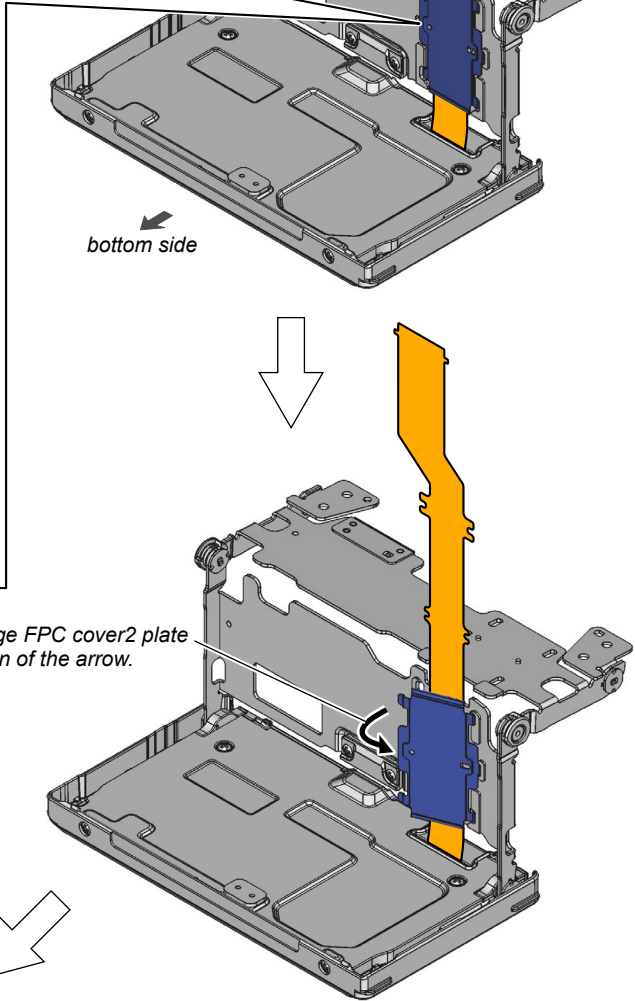
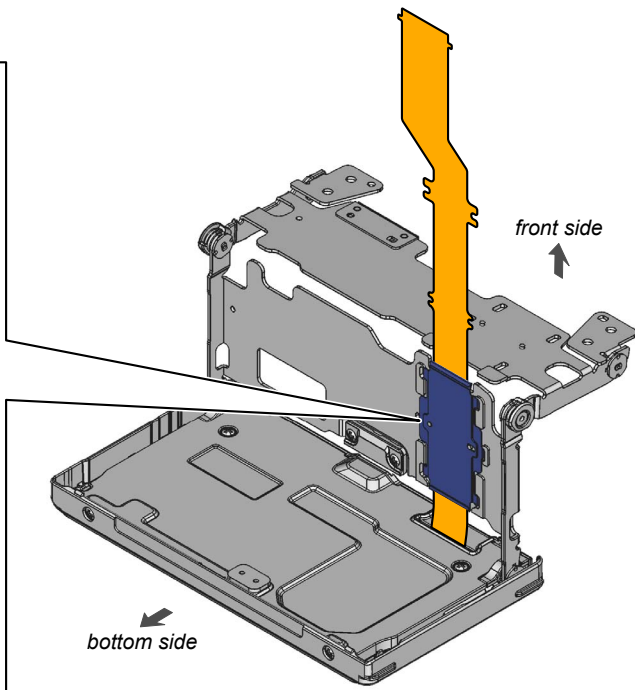
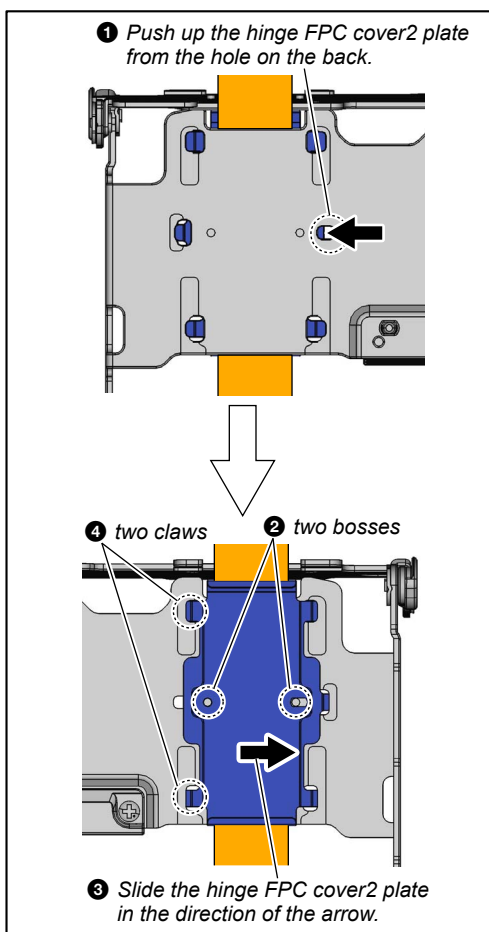


2-2-9. HINGE FPC COVER1 PLATE



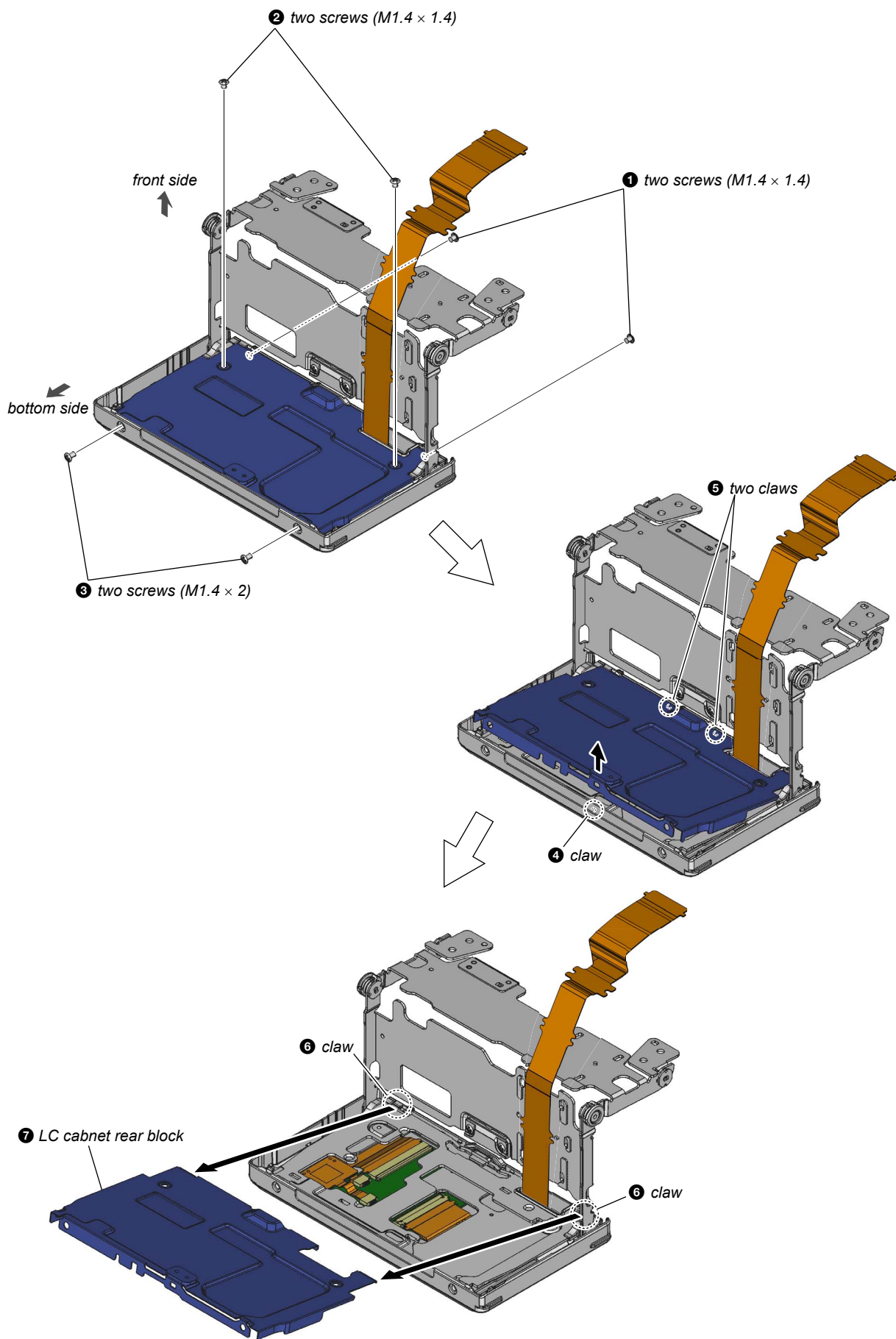
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2-2-10. HINGE FPC COVER2 PLATE



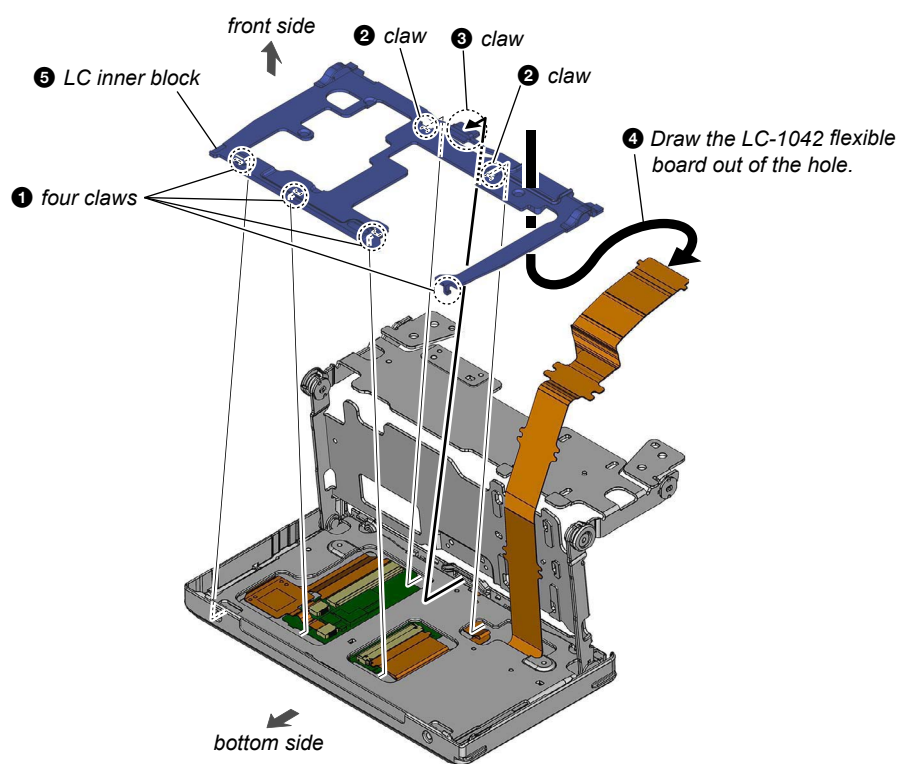
Sony CONFIDENTIAL
For Authorized Servicer

2-2-11. LC CABINET REAR BLOCK

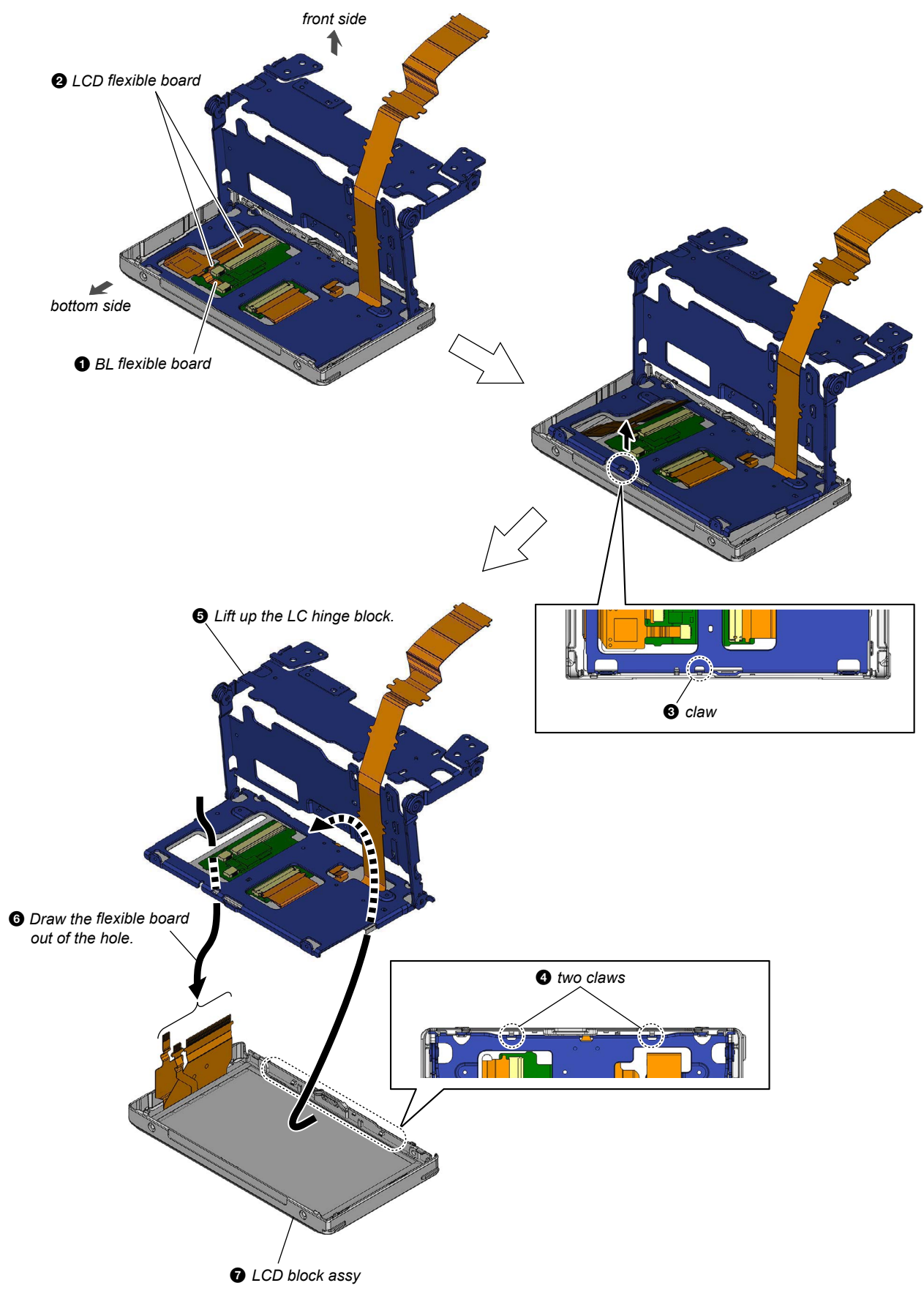


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2-2-12. LC INNER BLOCK



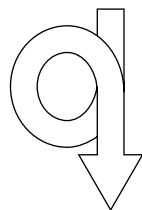
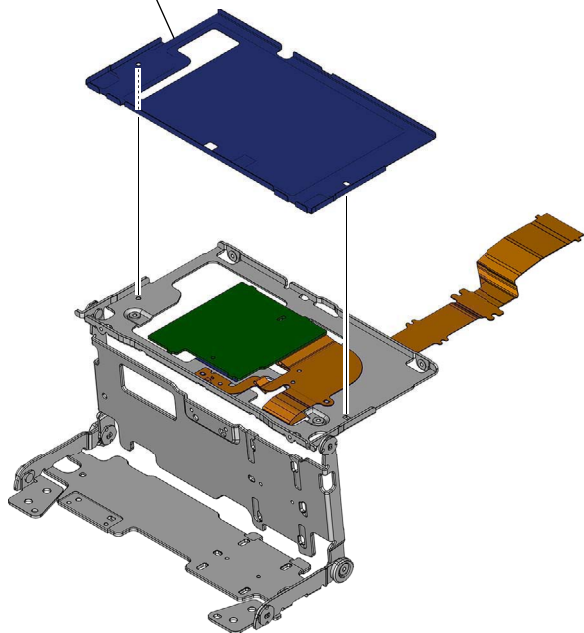
2-2-13. LCD BLOCK ASSY



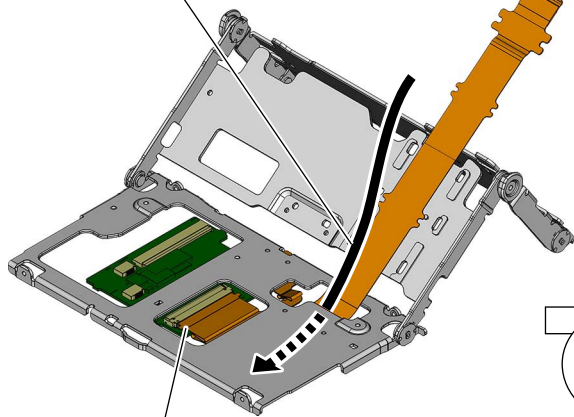
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2-2-14. LC-1045 BOARD

① Peel off the LC FPC protection sheet.



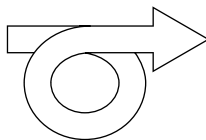
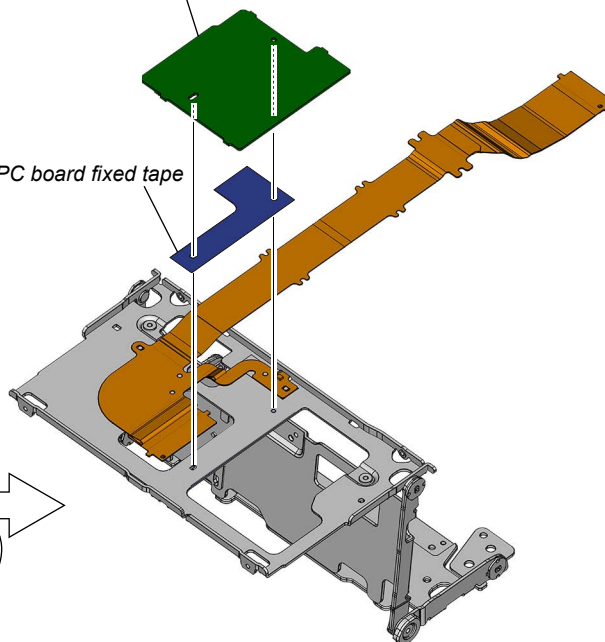
③ Draw the LC-1042 flexible board out of the hole.



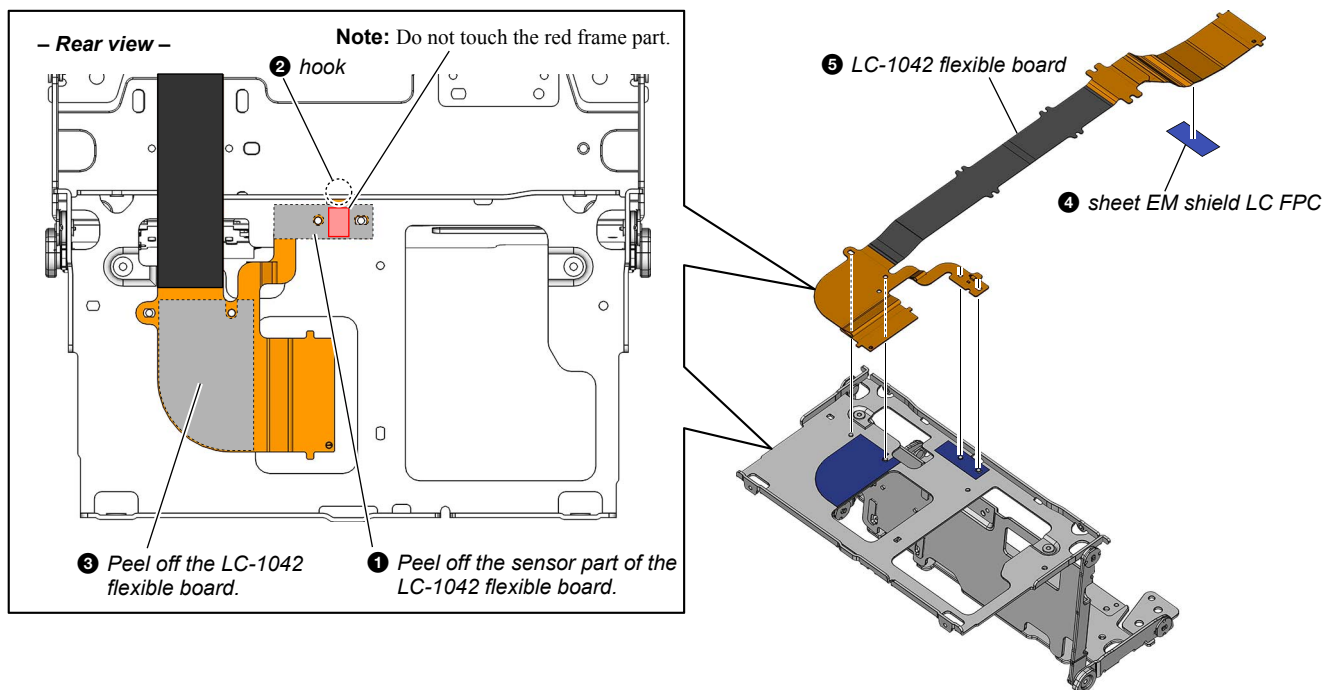
② LC-1042 flexible board.

④ Peel off the LC-1045 board.

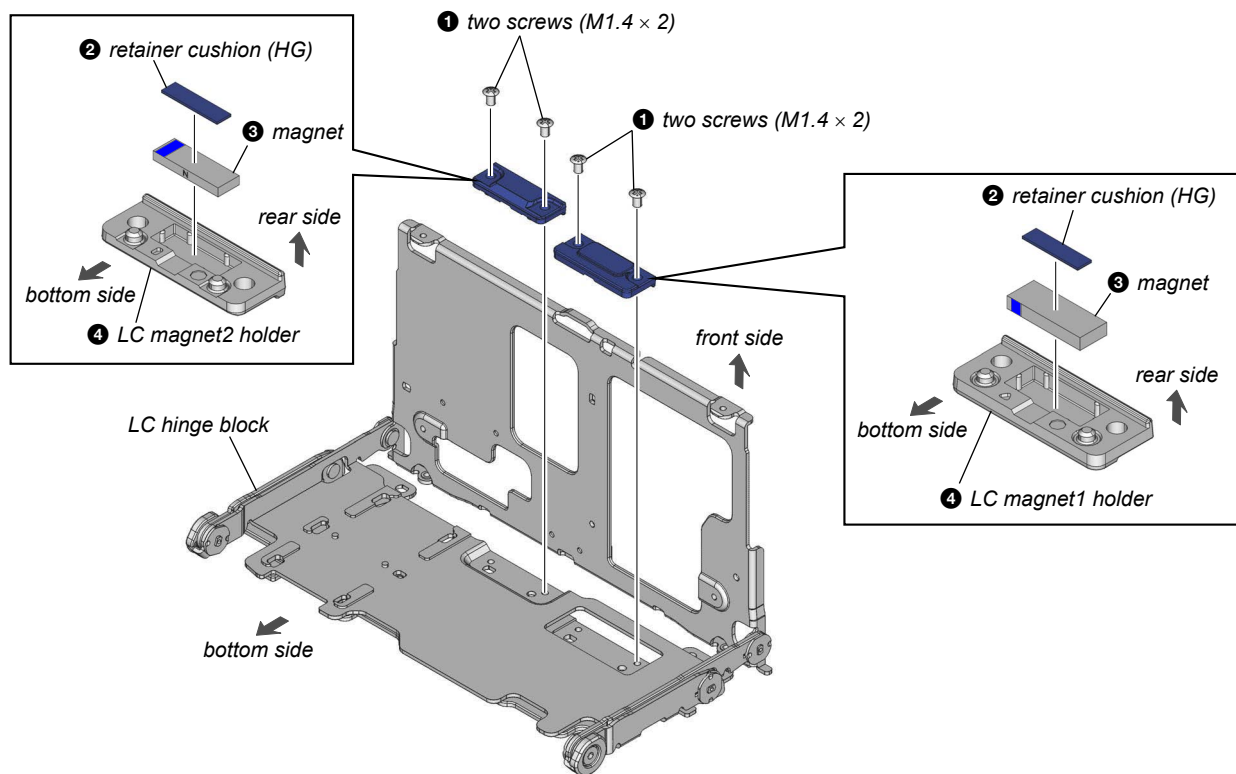
⑤ LC PC board fixed tape



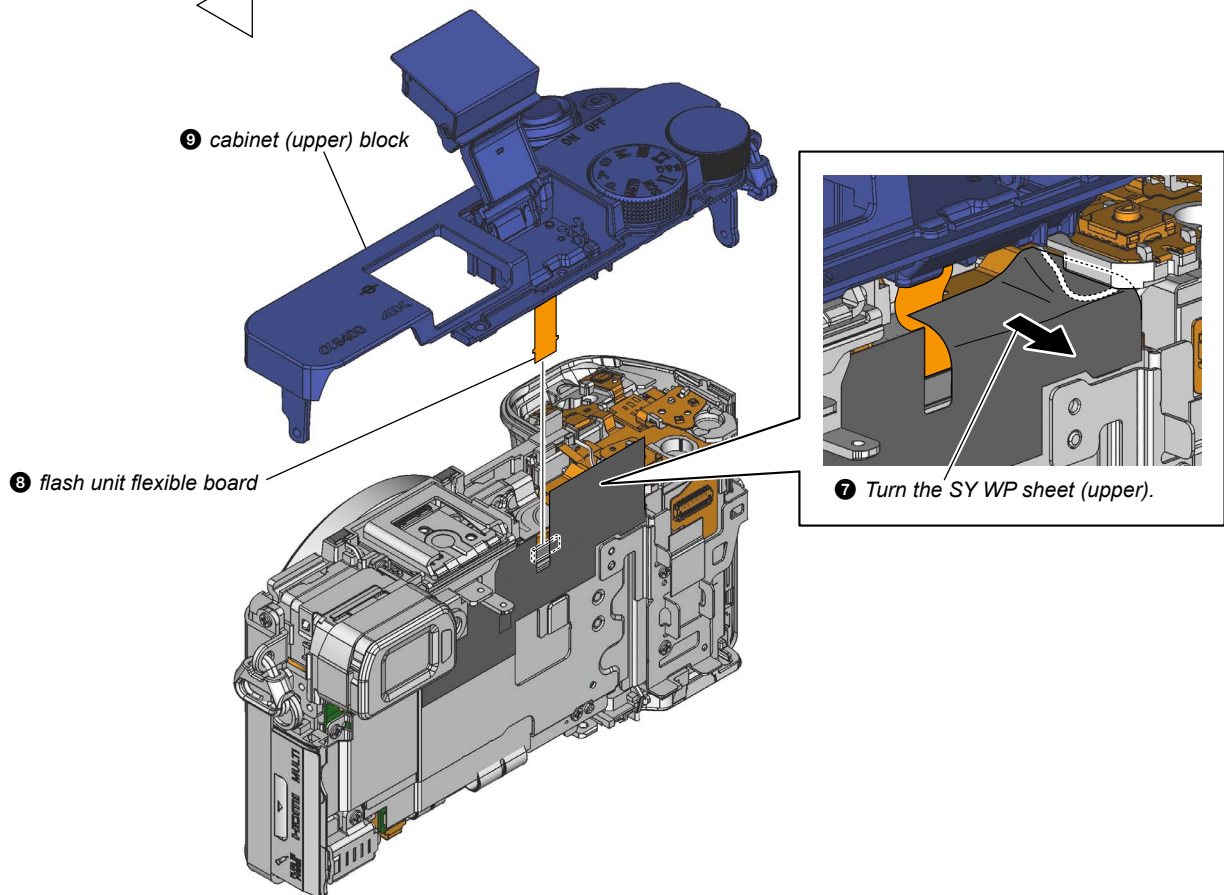
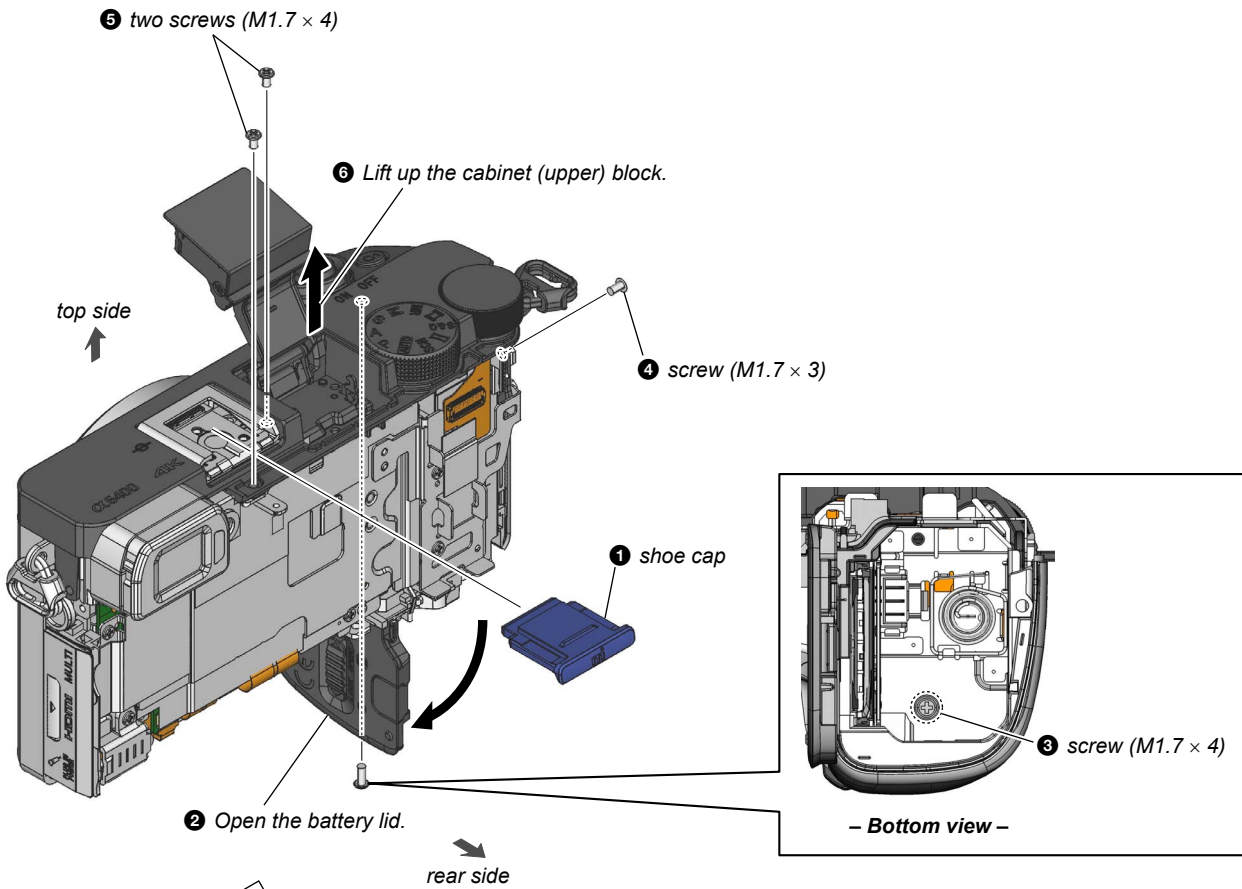
2-2-15. LC-1042 FLEXIBLE BOARD



2-2-16. LC MAGNET1/2 HOLDER

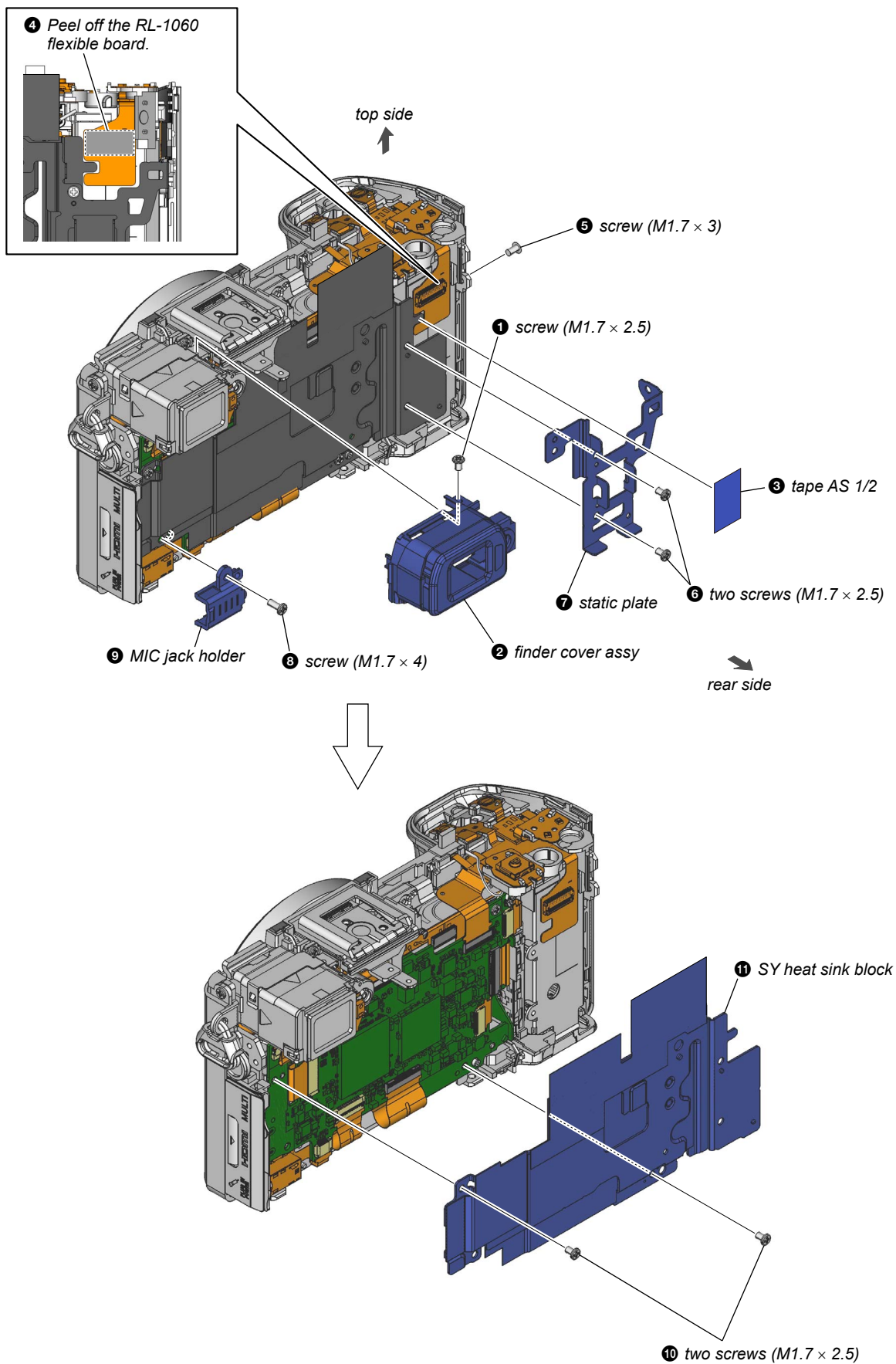


2-2-17. CABINET (UPPER) BLOCK

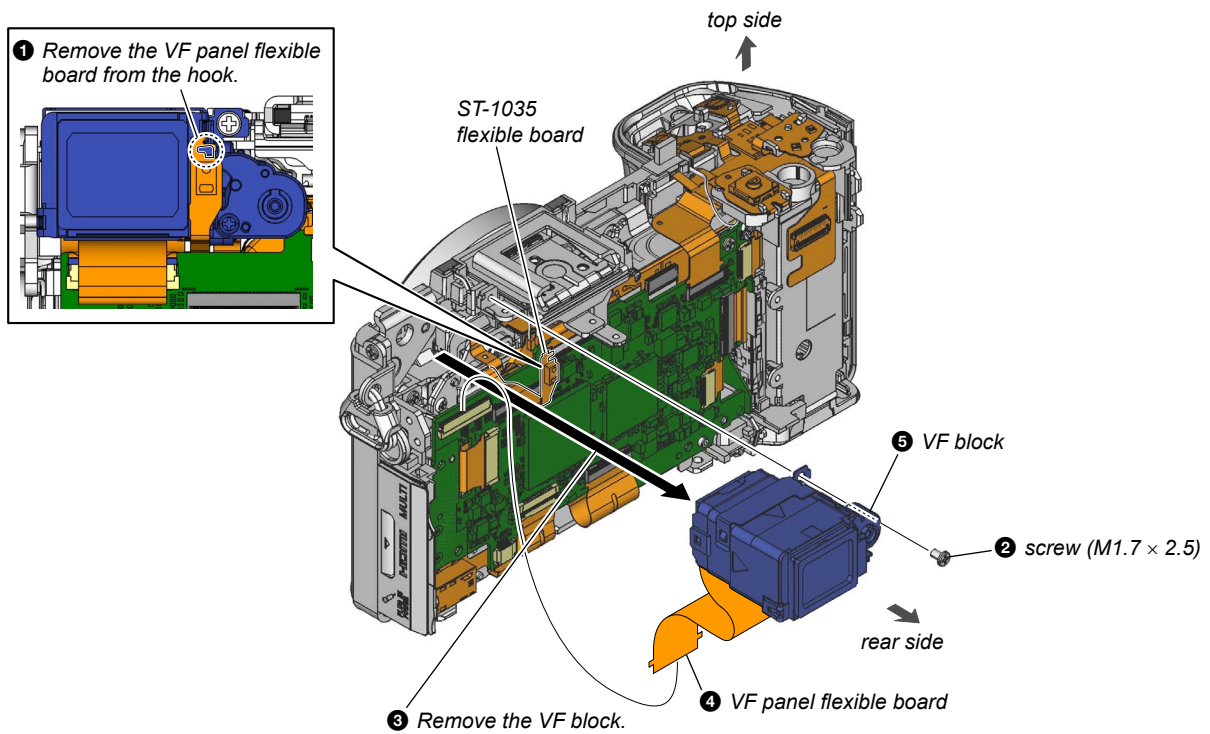


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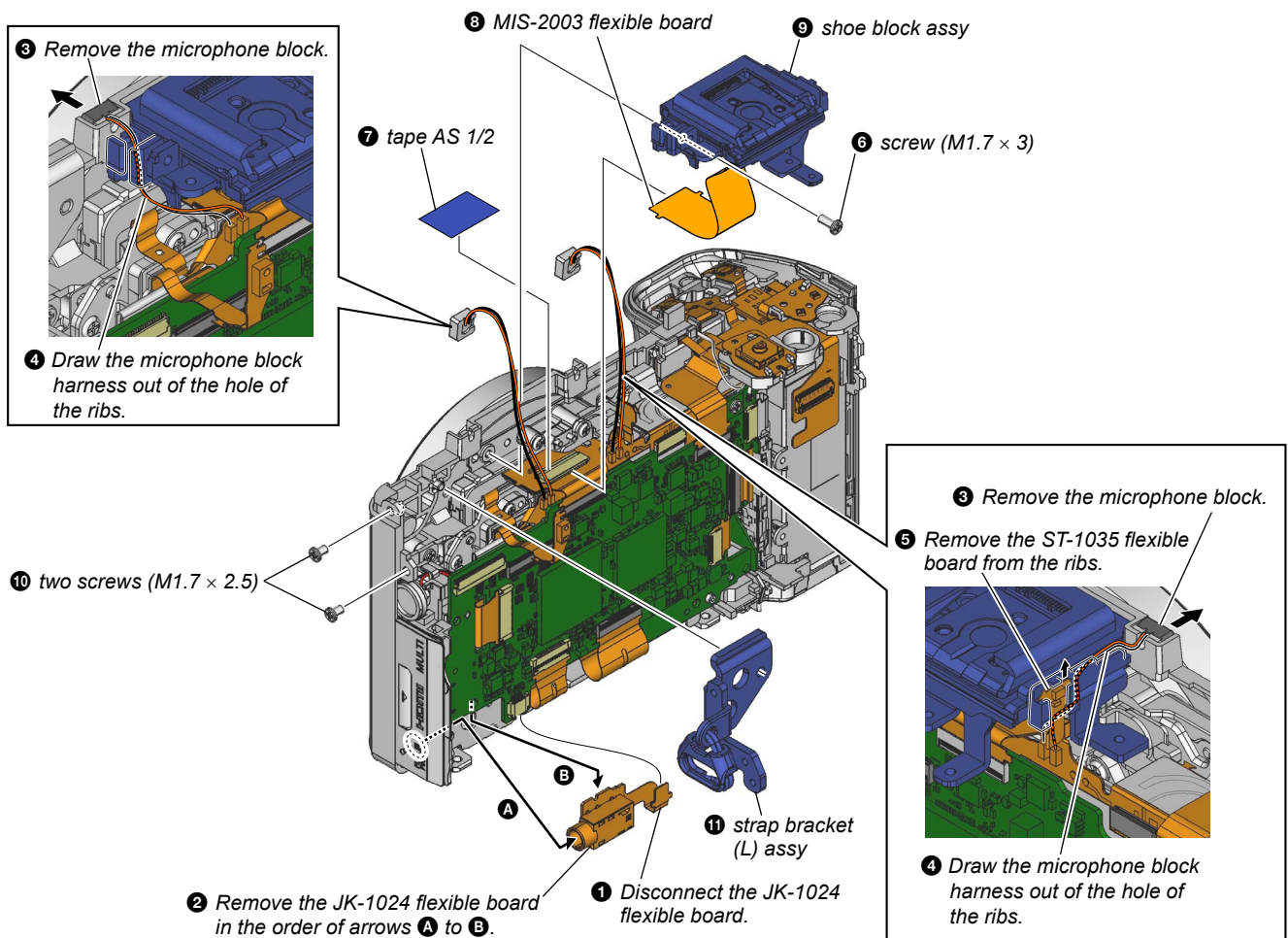
2-2-18. SY HEAT SINK BLOCK



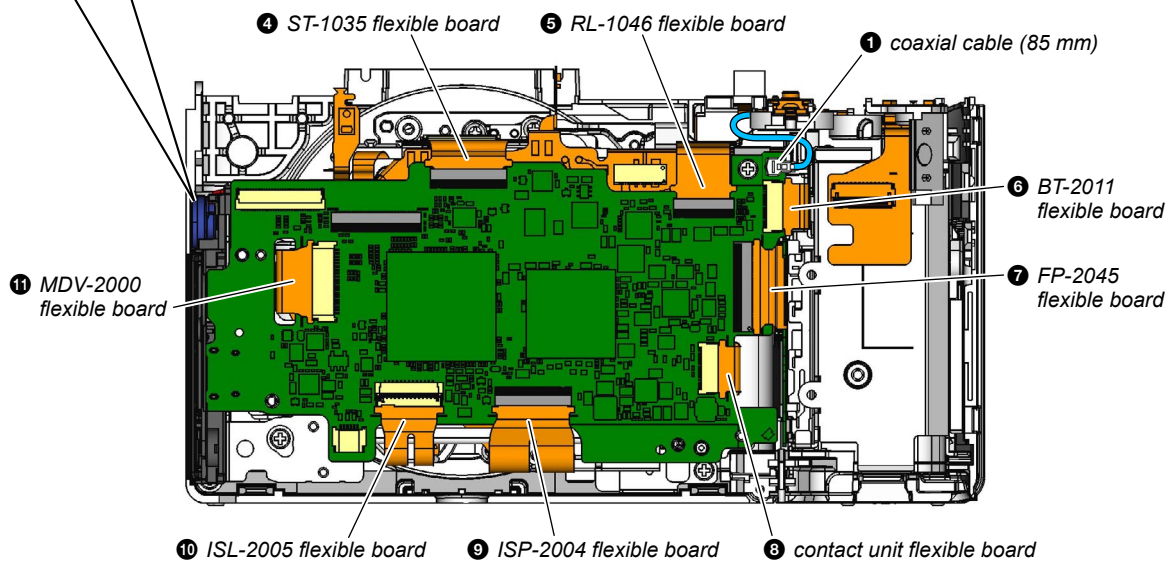
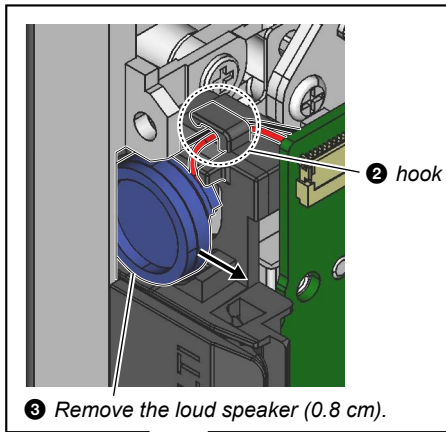
2-2-19. VF BLOCK



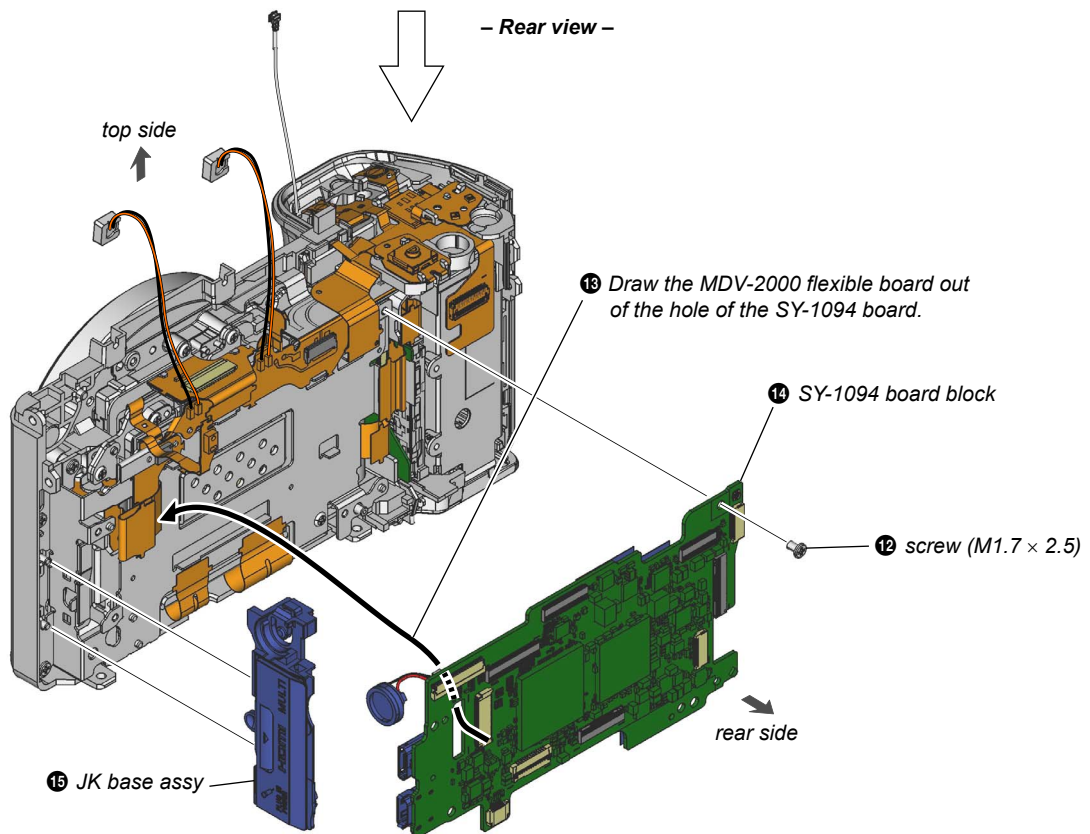
2-2-20. SHOE BLOCK ASSY



2-2-21. SY-1094 BOARD BLOCK

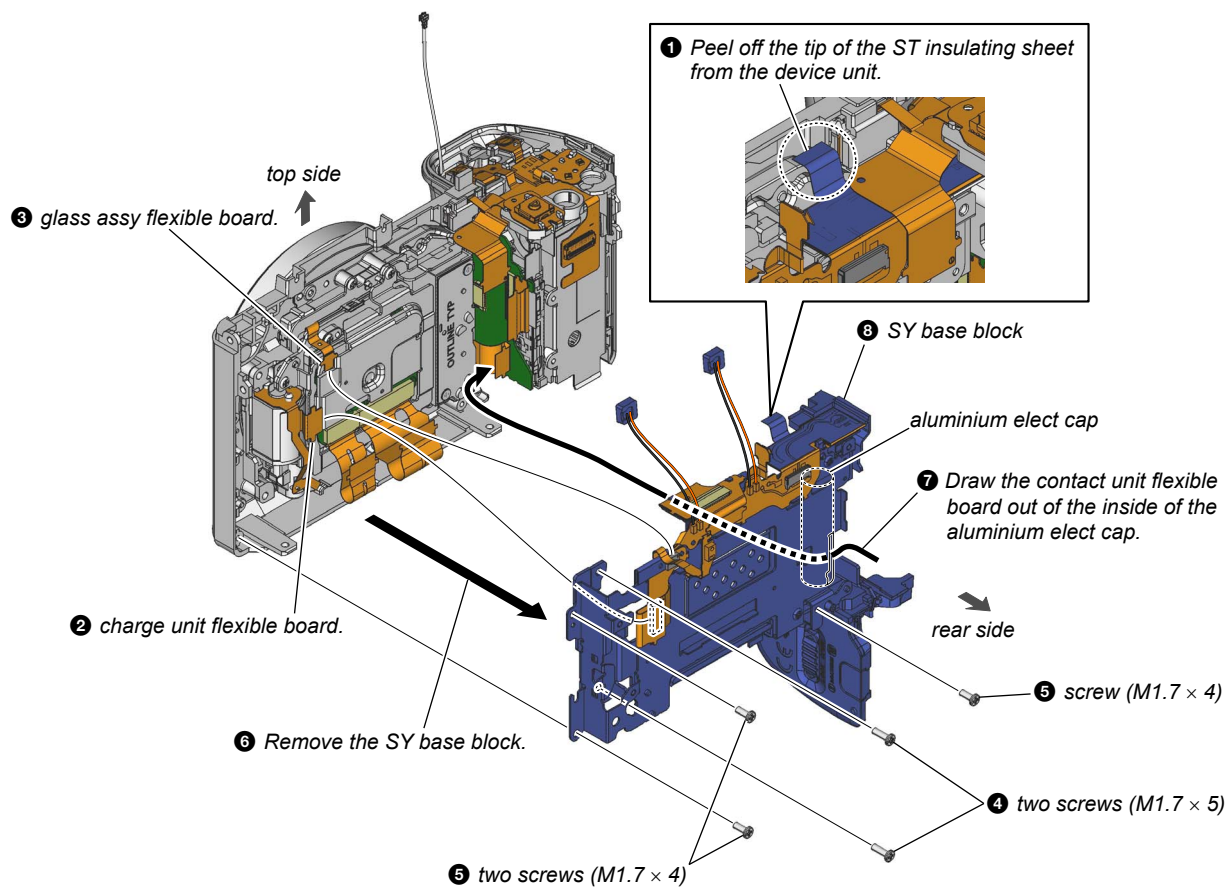


– Rear view –

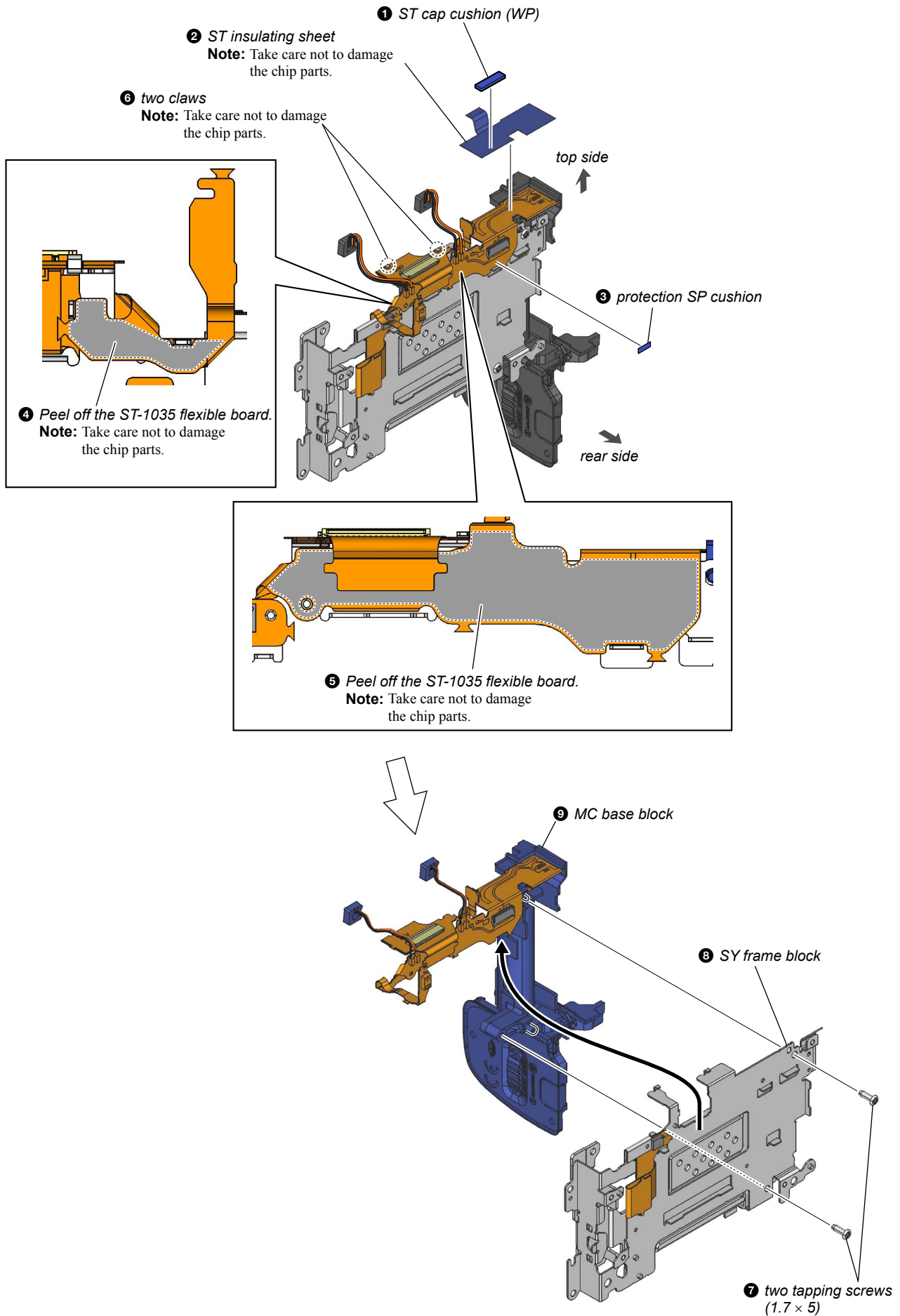


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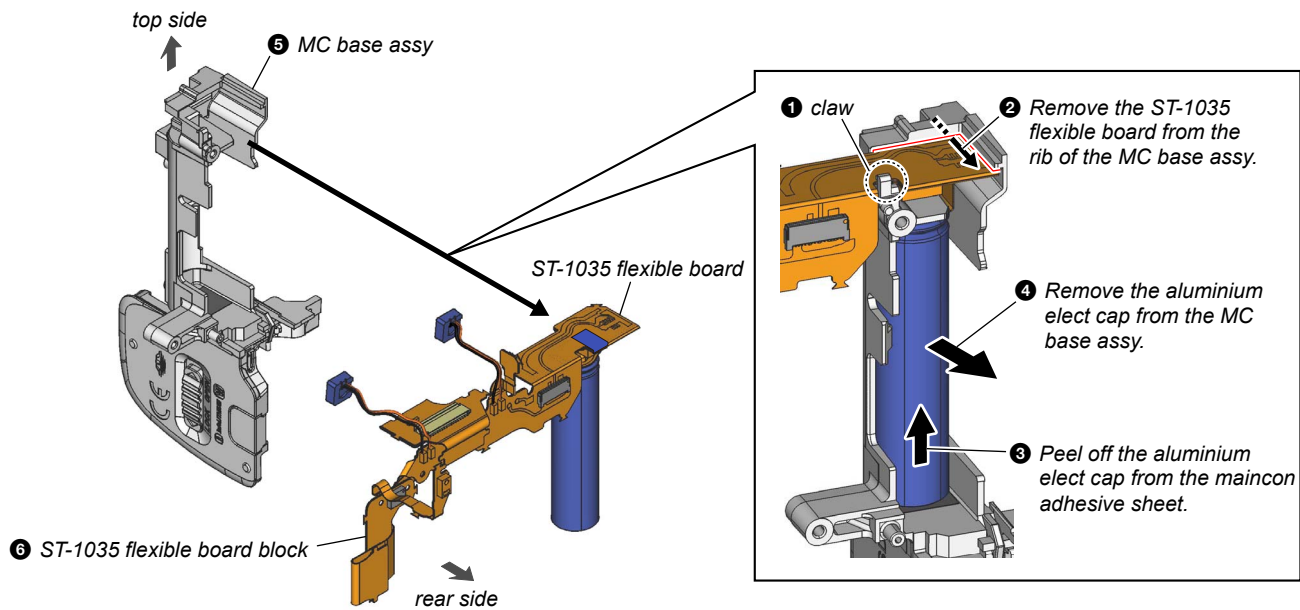
2-2-22. SY BASE BLOCK



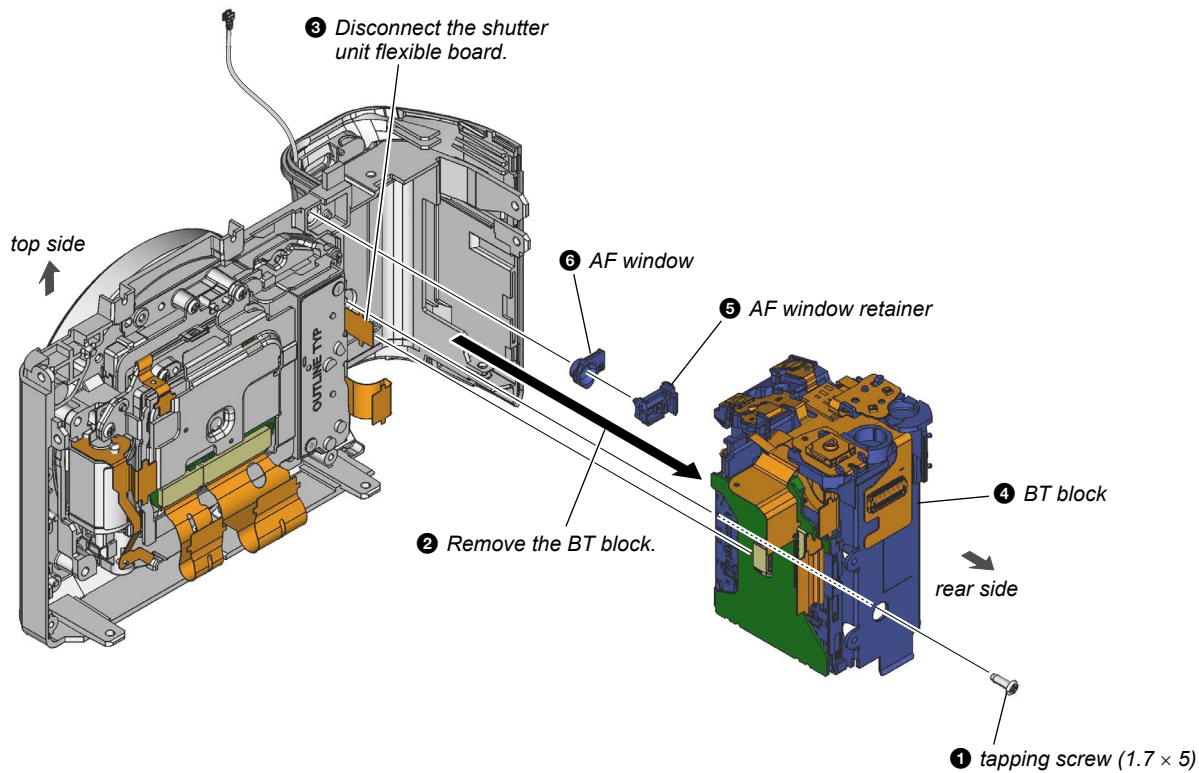
2-2-23. MC BASE BLOCK



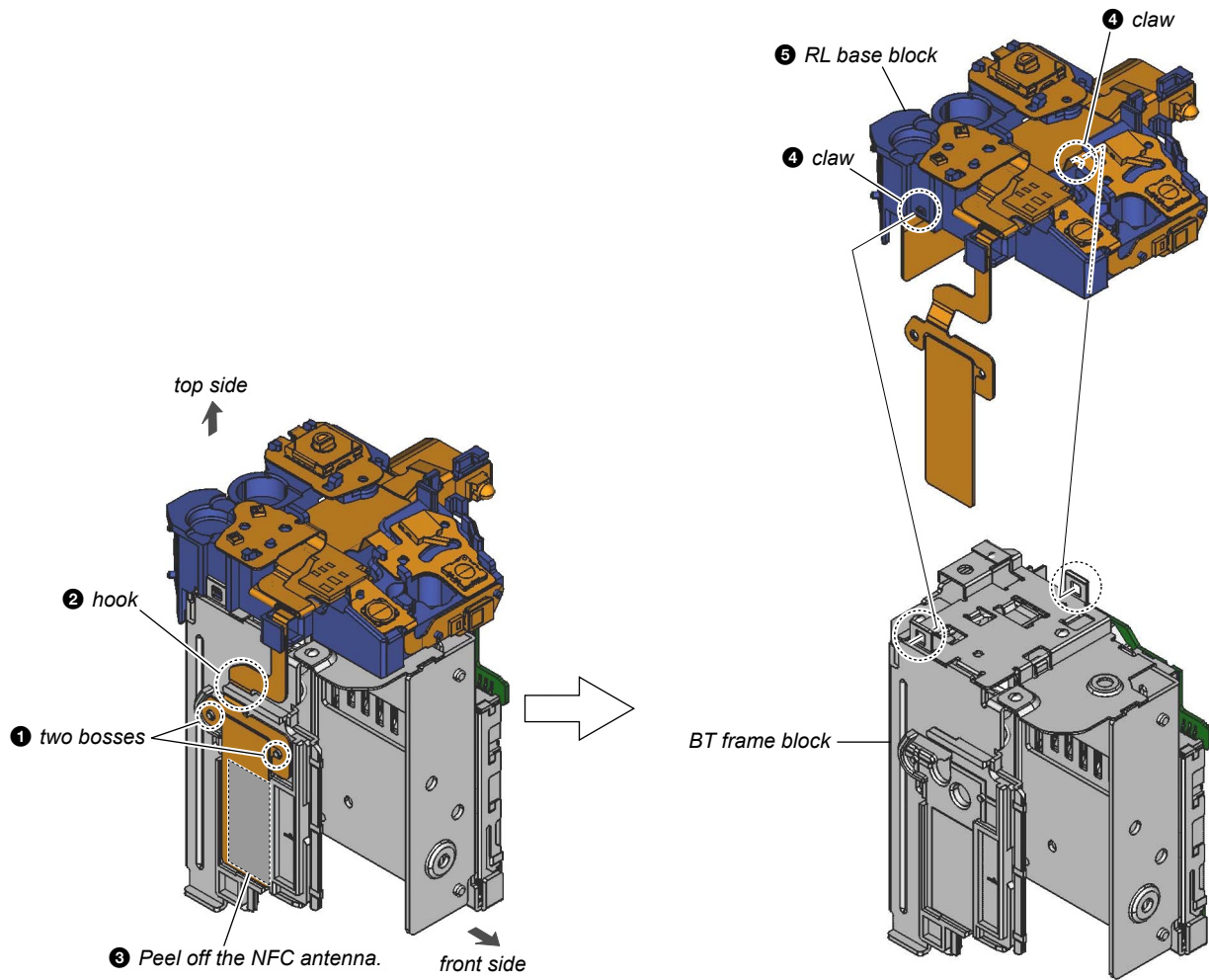
2-2-24. ST-1035 FLEXIBLE BOARD BLOCK



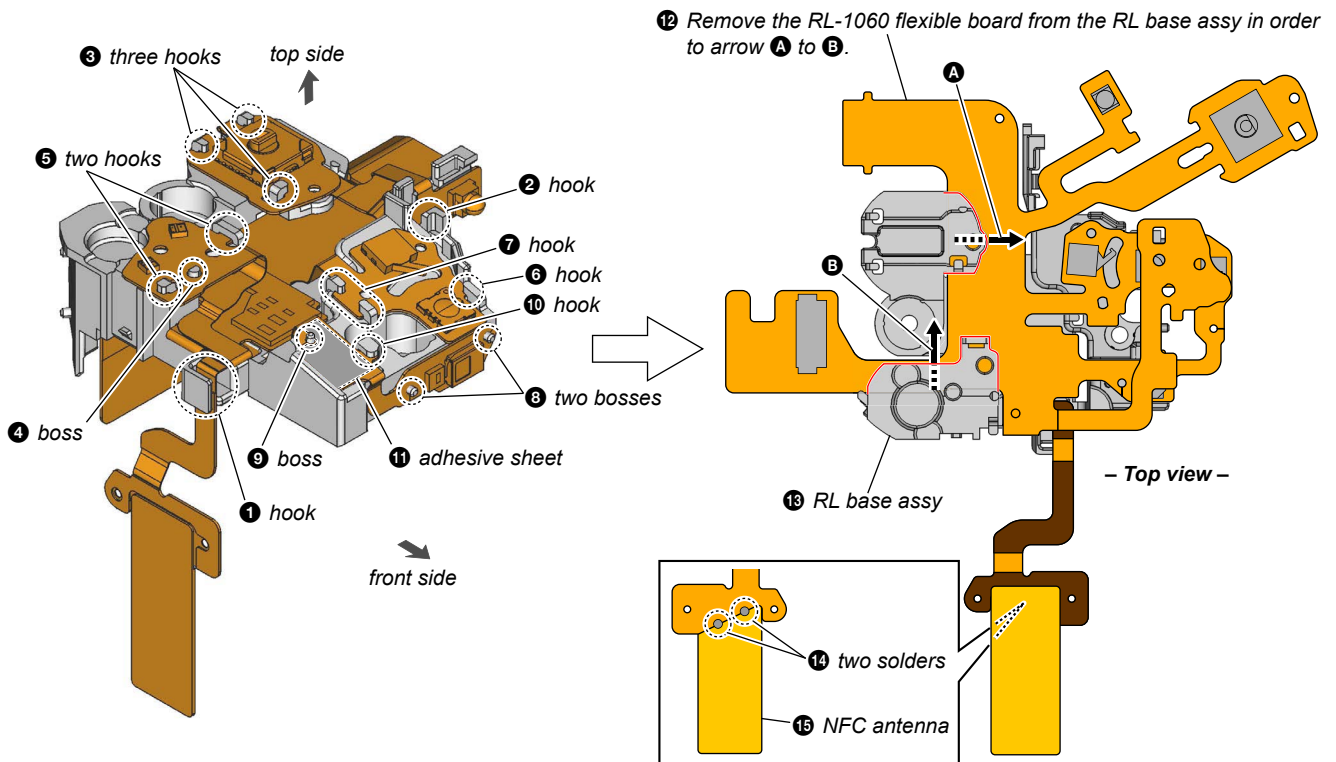
2-2-25. BT BLOCK



2-2-26. RL BASE BLOCK

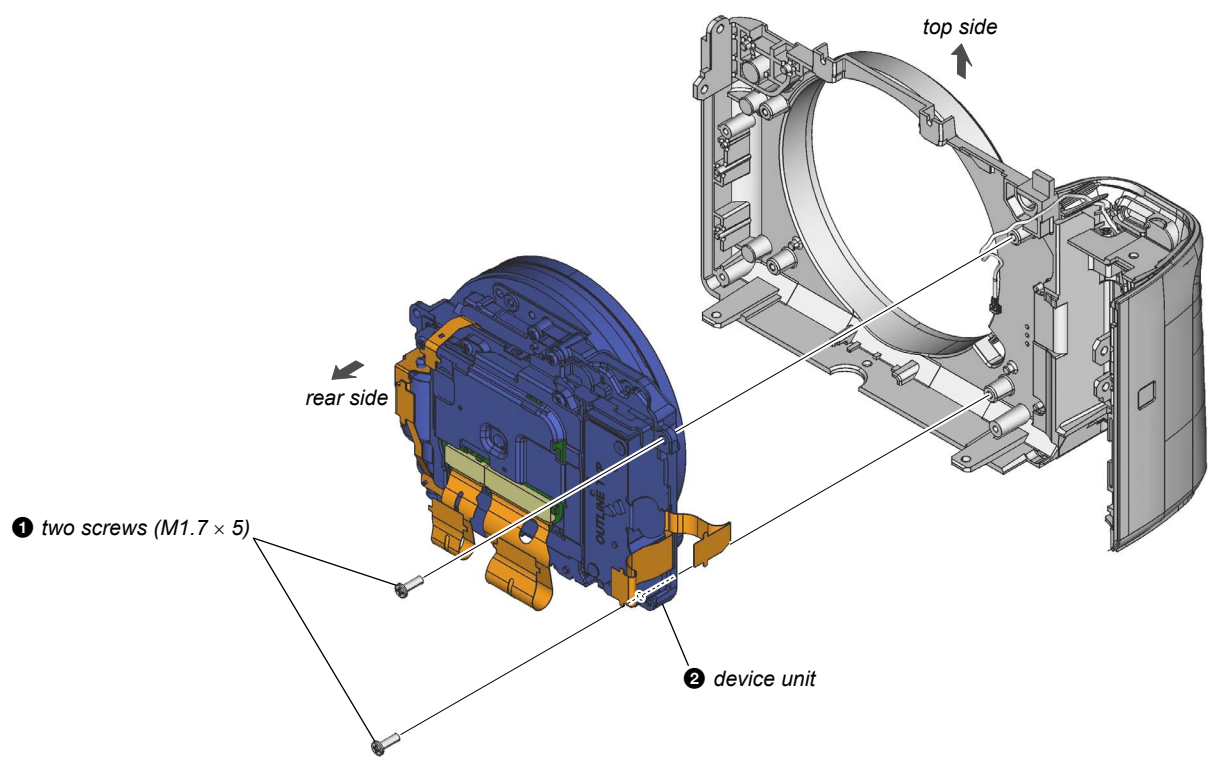


2-2-27. RL-1060 FLEXIBLE BOARD

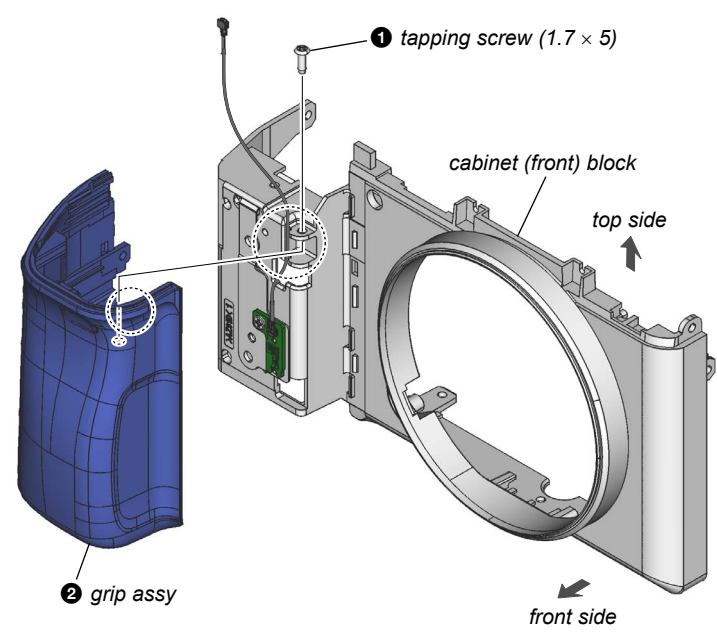


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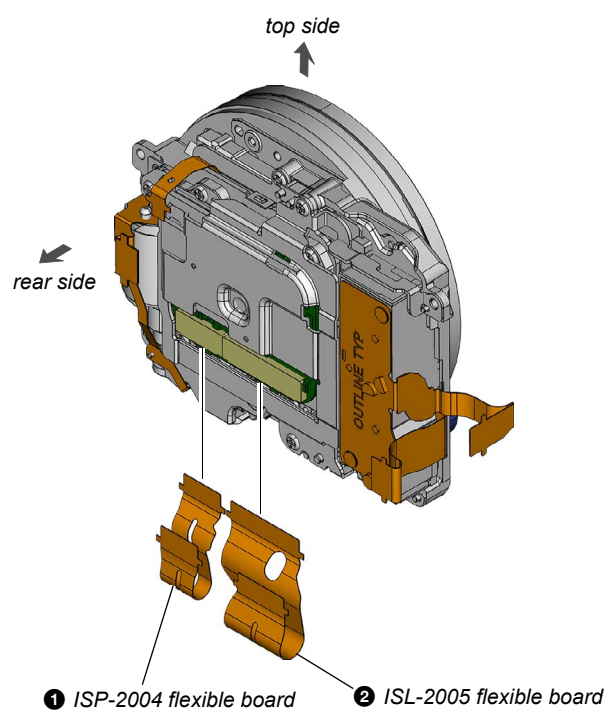
2-2-28. DEVICE UNIT



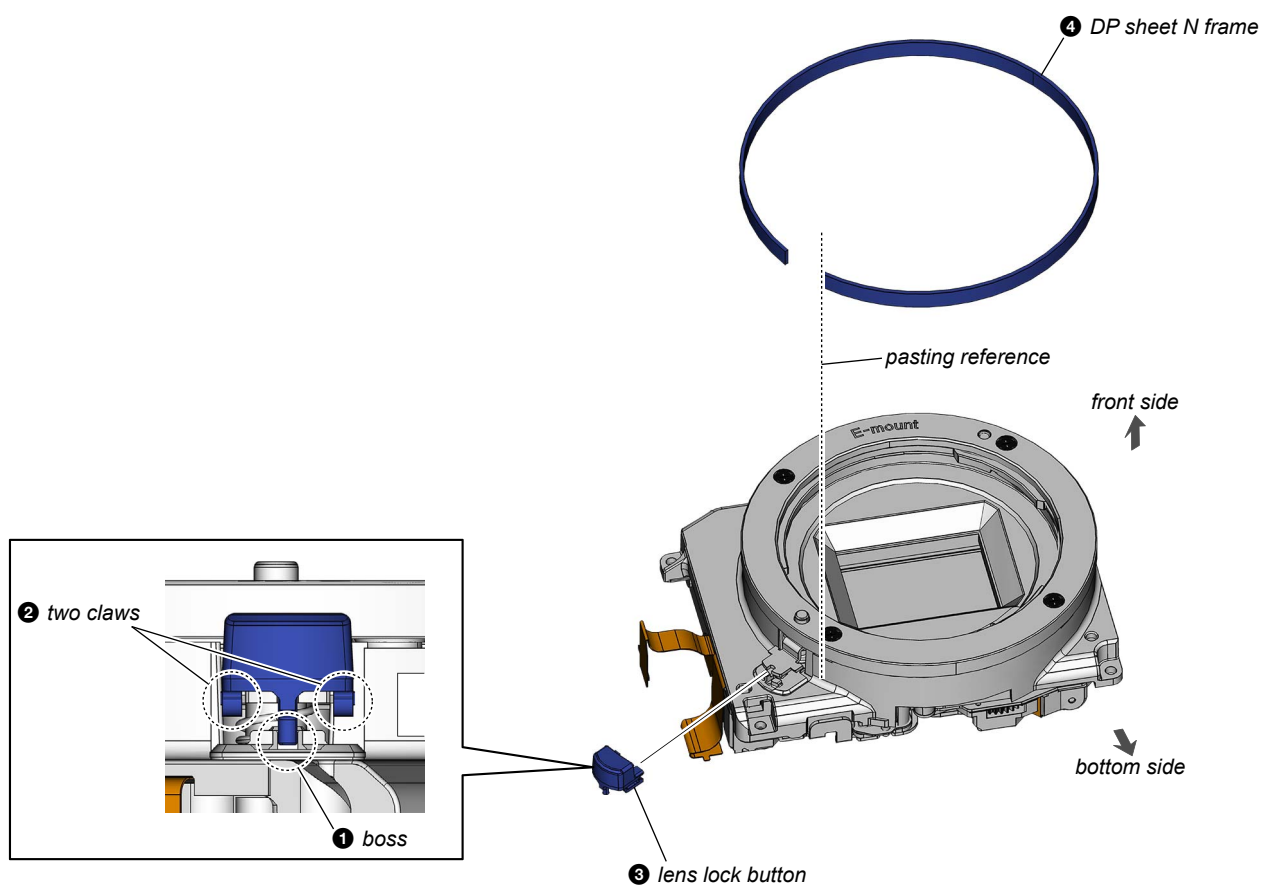
2-2-29. GRIP ASSY



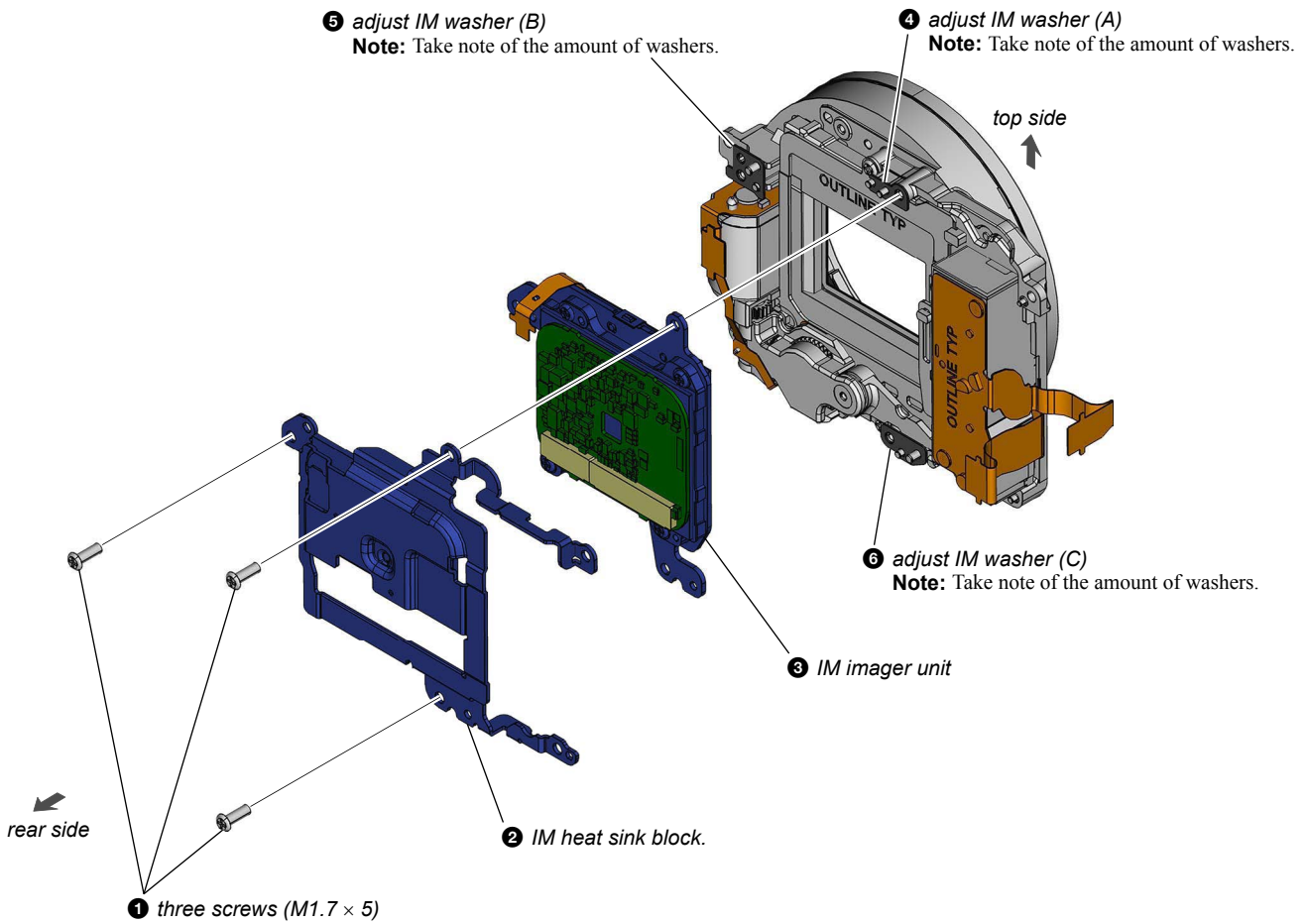
2-2-30. ISP-2004 FLEXIBLE BOARD, ISL-2005 FLEXIBLE BOARD



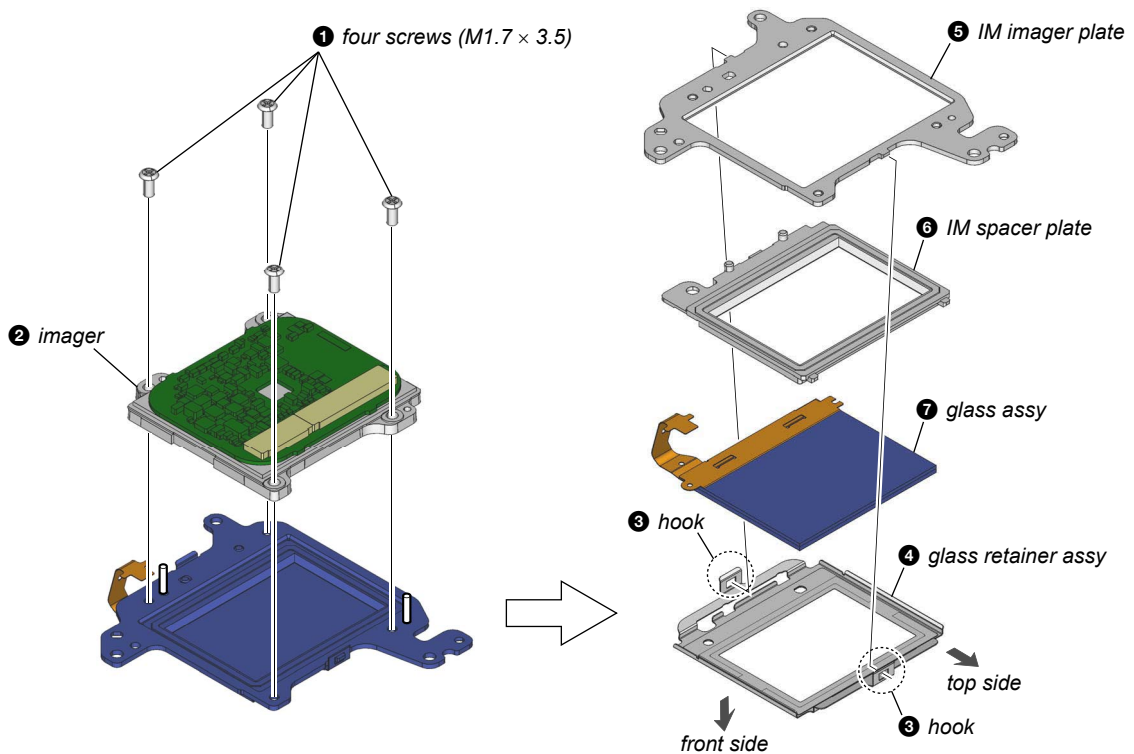
2-2-31. LENS LOCK BUTTON, DP SHEET N FRAME



2-2-32. IM IMAGER UNIT

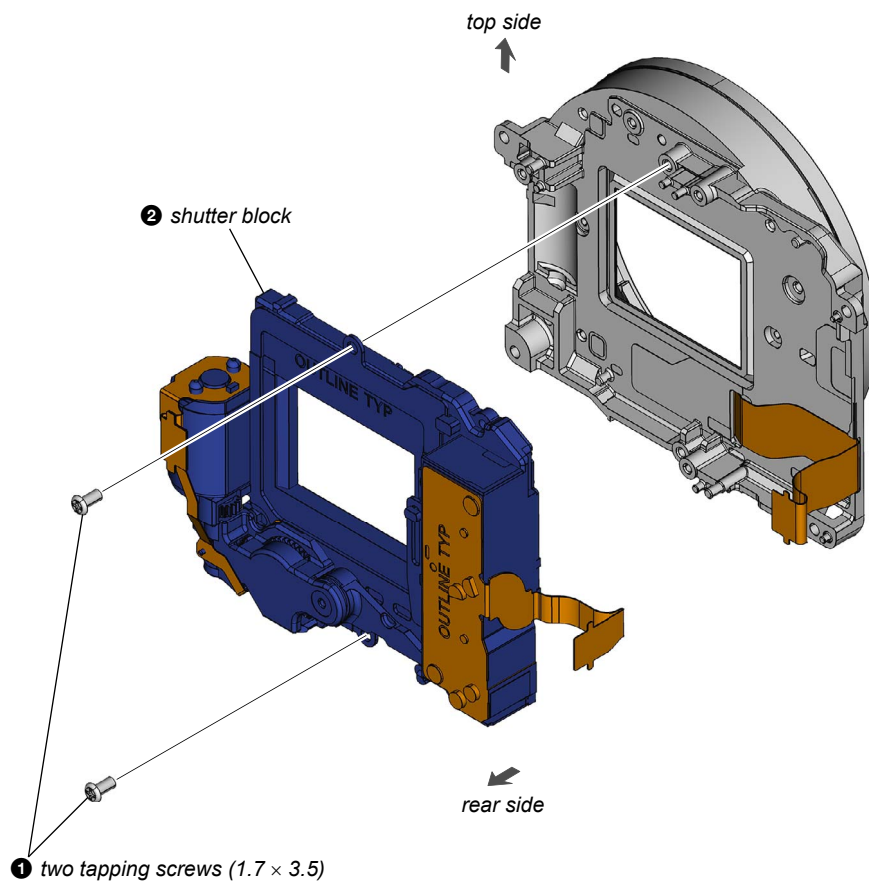


2-2-33. IMAGER, GLASS ASSY

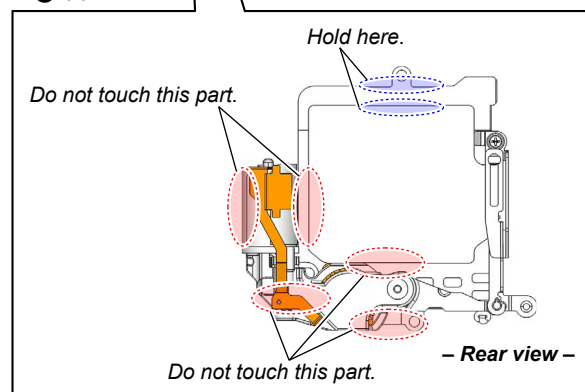
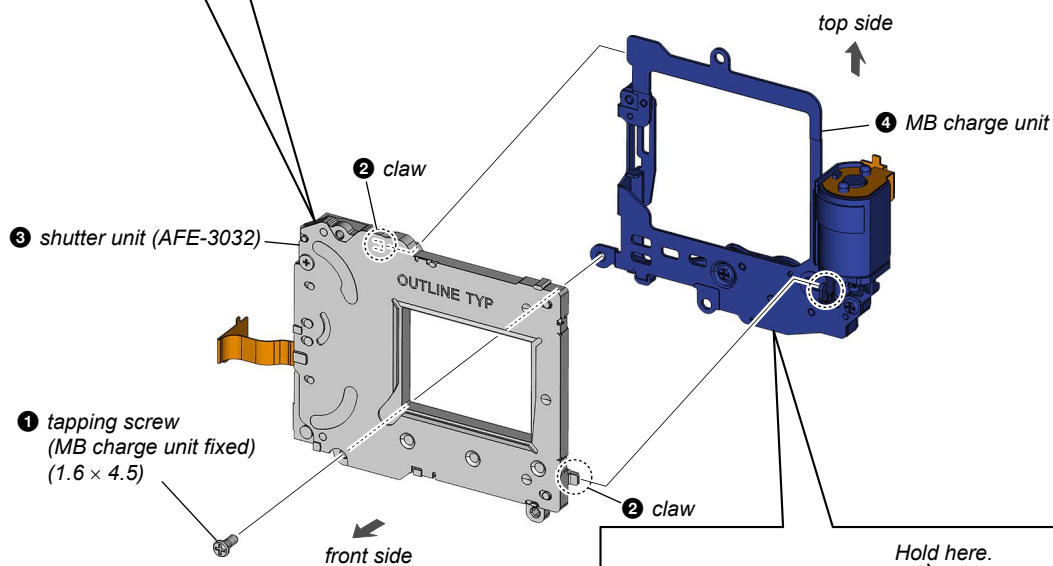
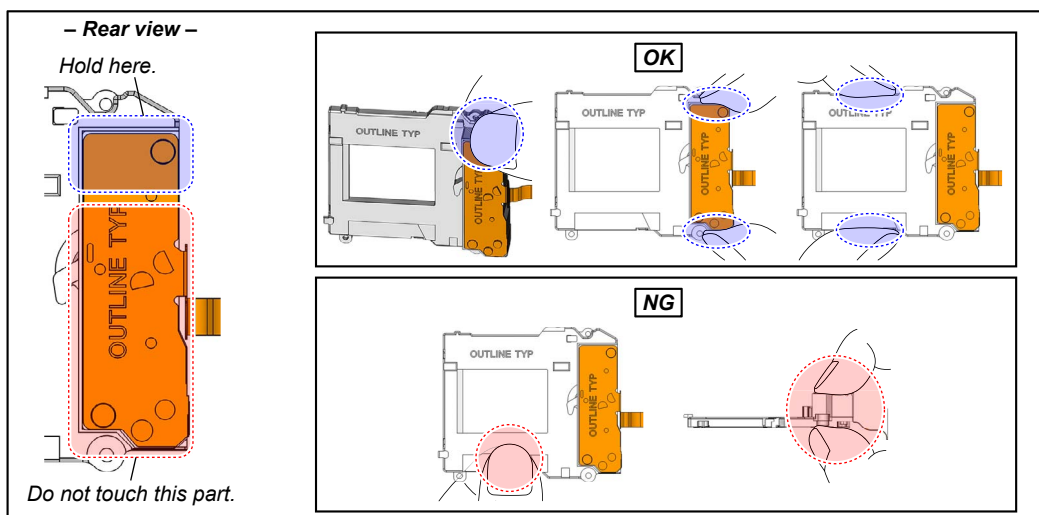


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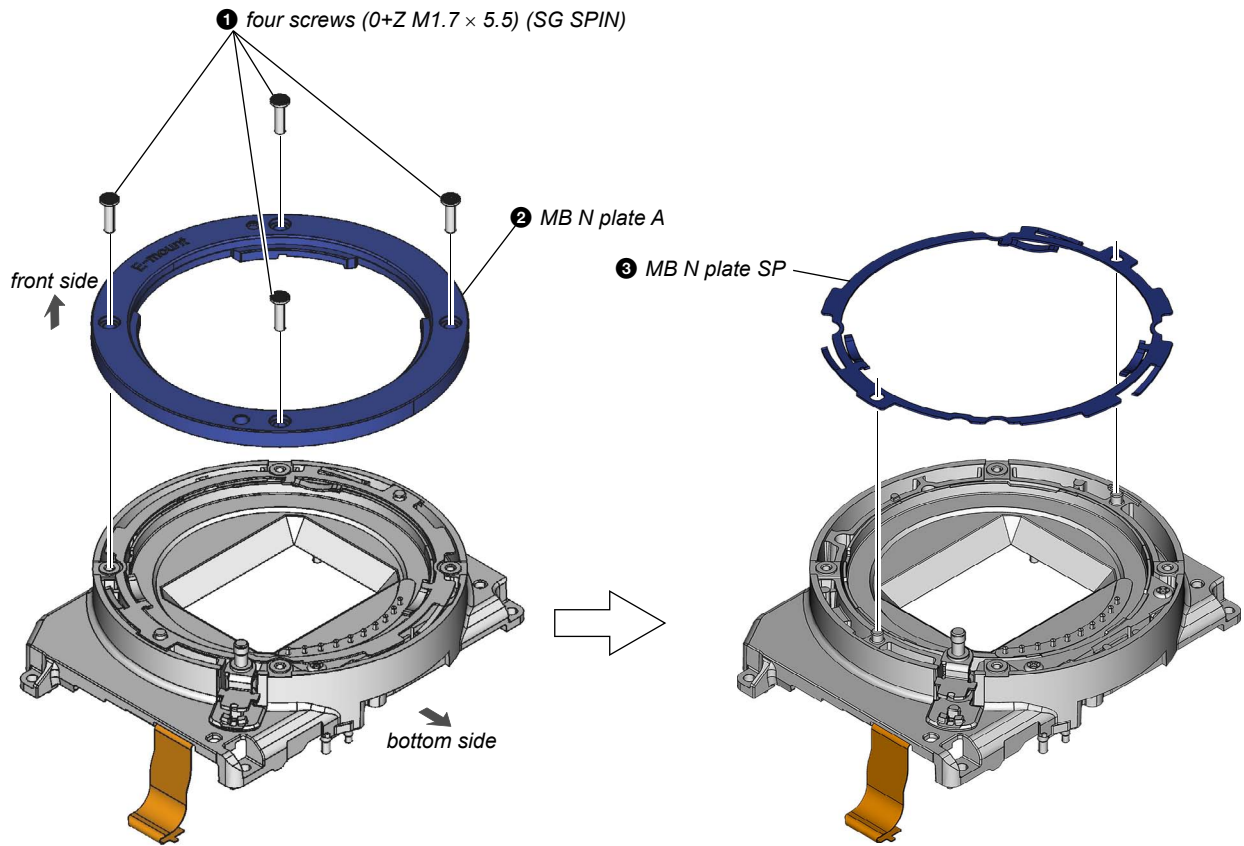
2-2-34. SHUTTER BLOCK



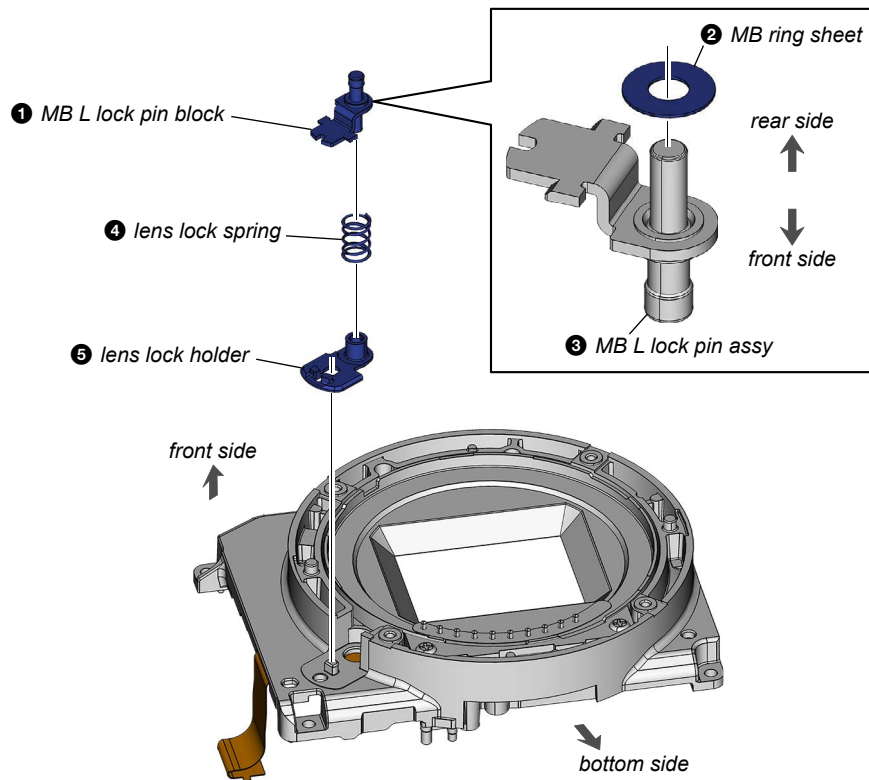
2-2-35. MB CHARGE UNIT, SHUTTER UNIT (AFE-3032)



2-2-36. MB N PLATE A, MB N PLATE SP

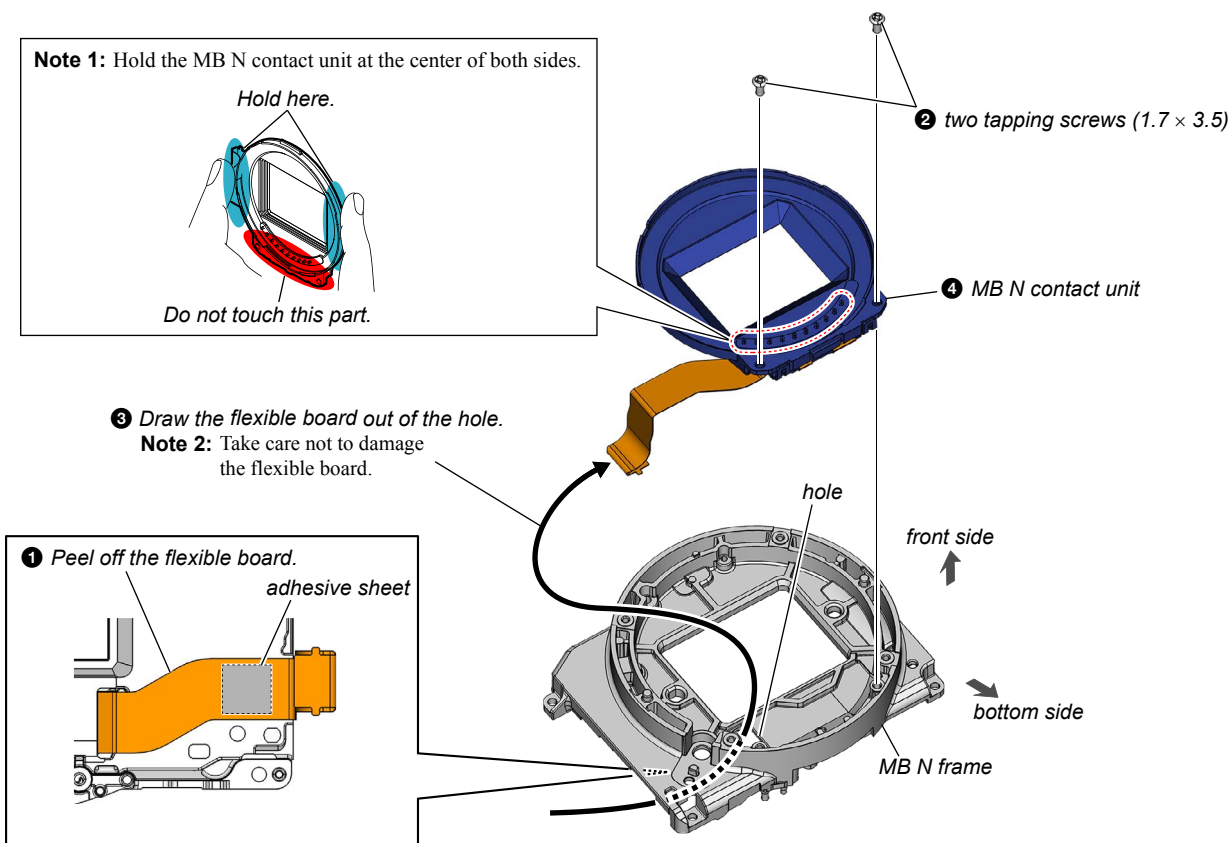


2-2-37. MB L LOCK PIN ASSY



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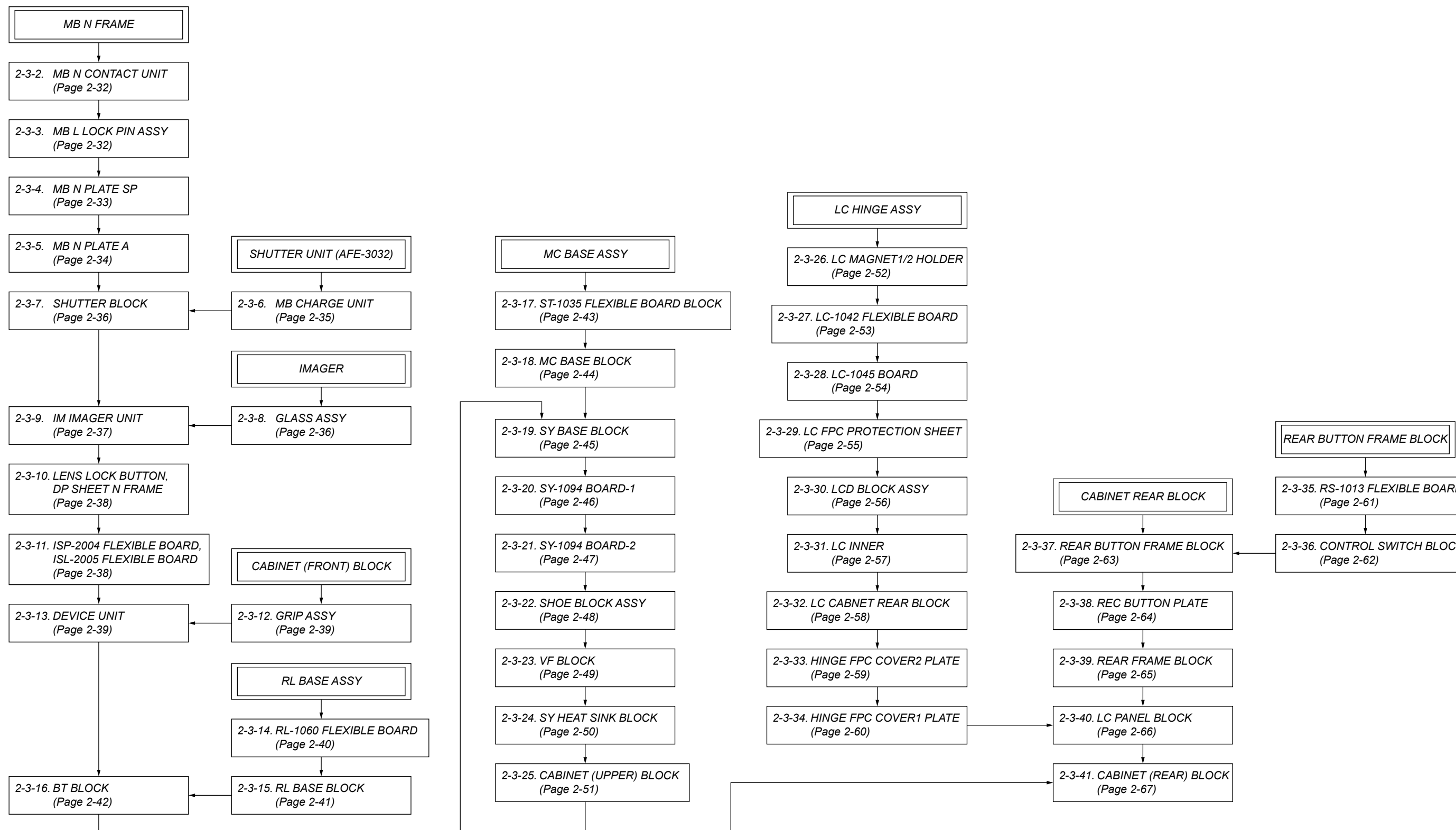
2-2-38. MB N CONTACT UNIT



2-3. ASSEMBLY

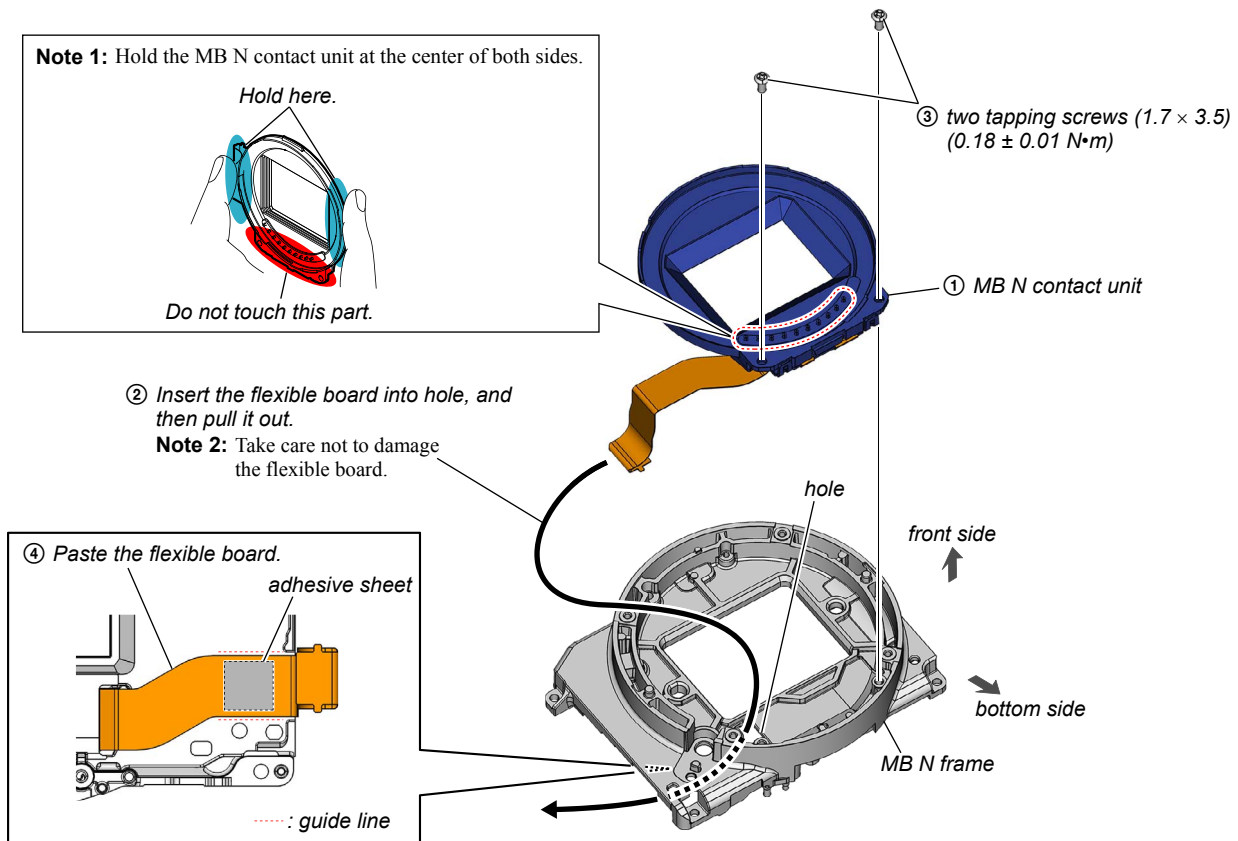
- Assemble in the order shown in the flowchart below.

2-3-1. ASSEMBLY FLOW

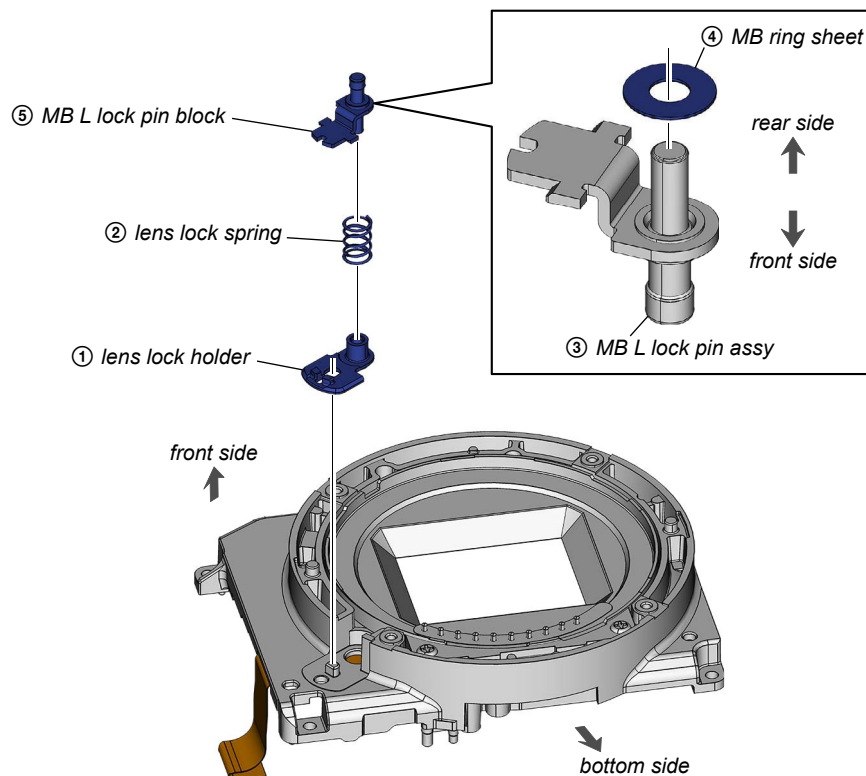


Note: Assemble in the order indicated by the numbers assigned to the parts in the figures such as ①.

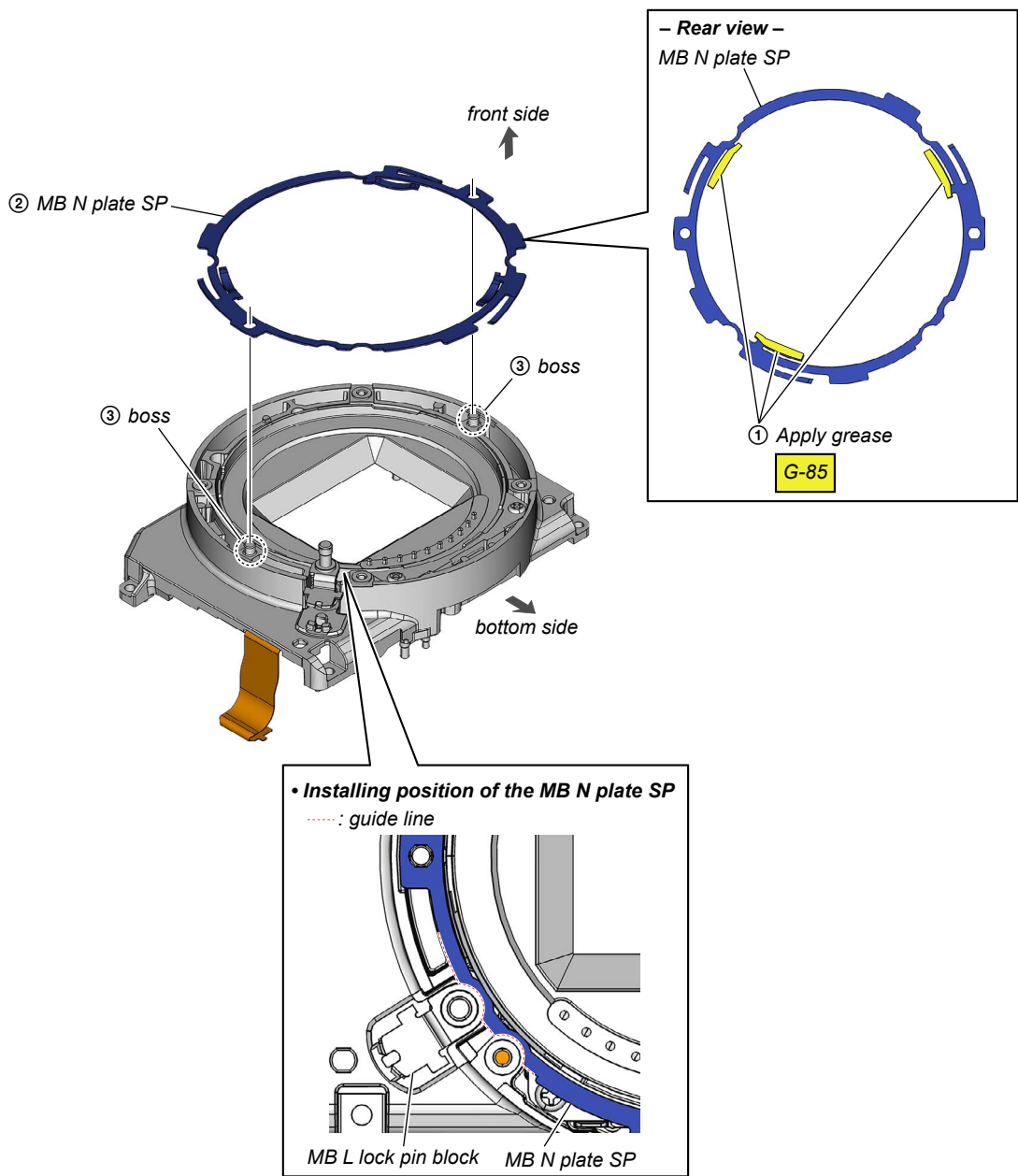
2-3-2. MB N CONTACT UNIT



2-3-3. MB L LOCK PIN ASSY

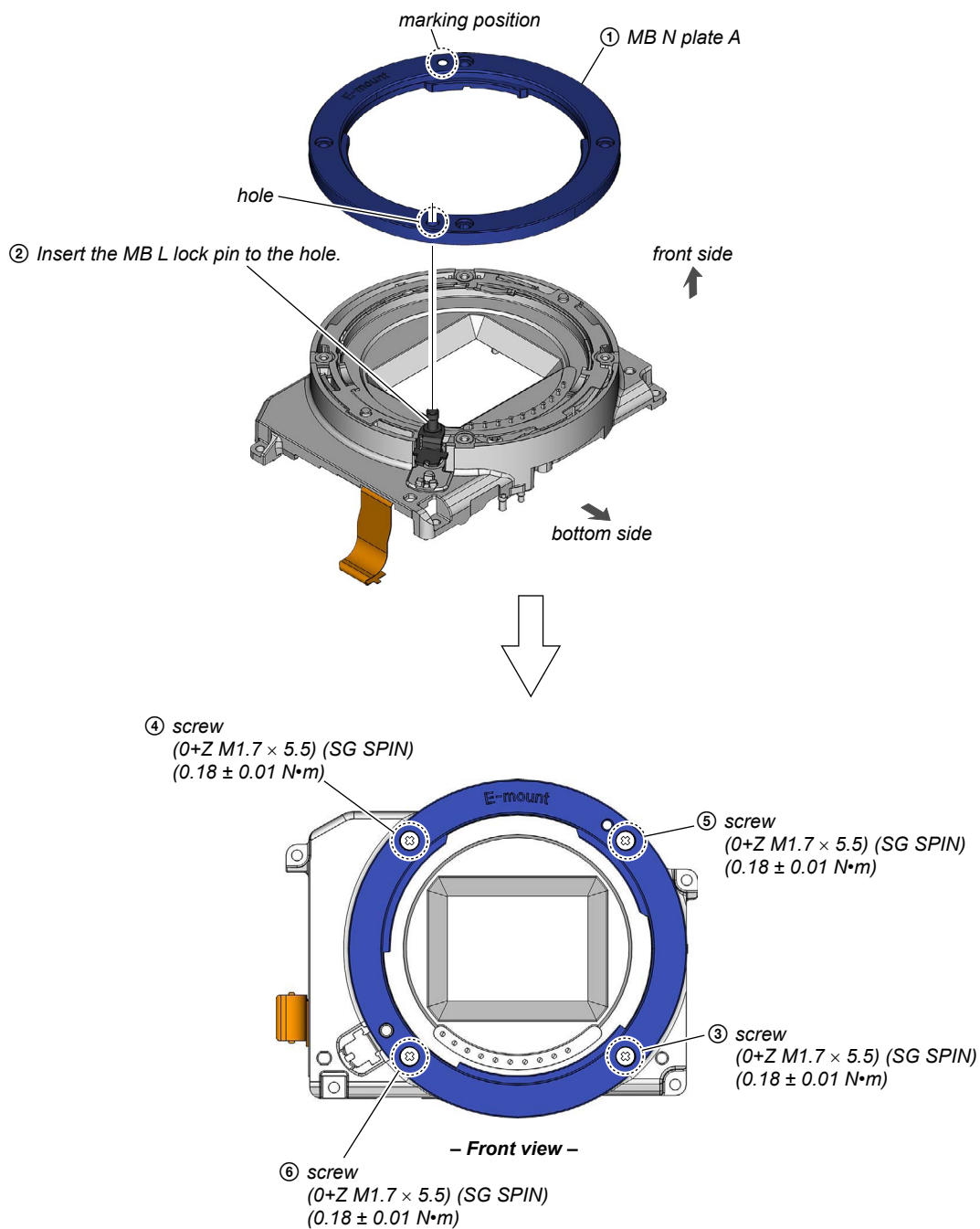


2-3-4. MB N PLATE SP

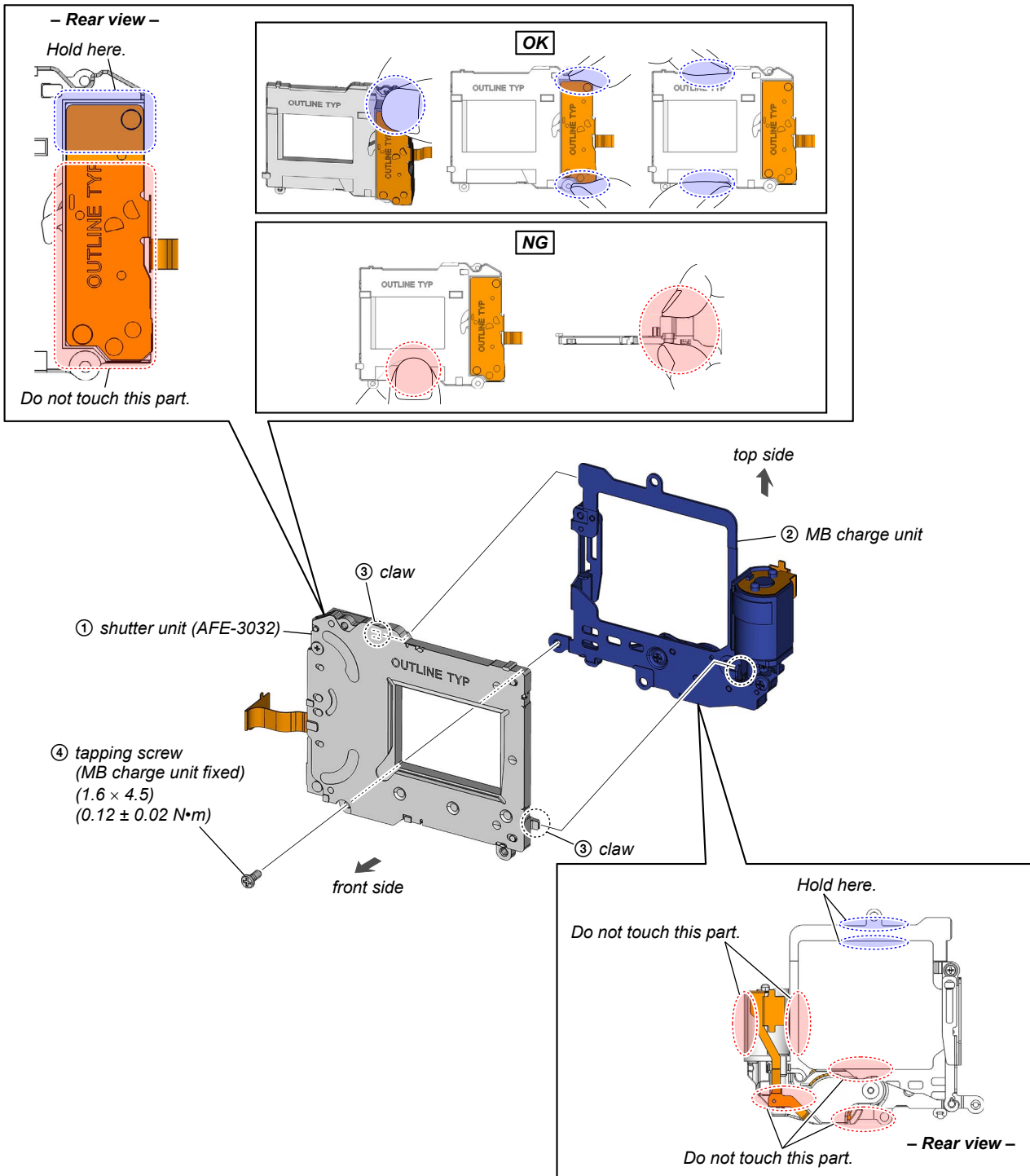


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2-3-5. MB N PLATE A

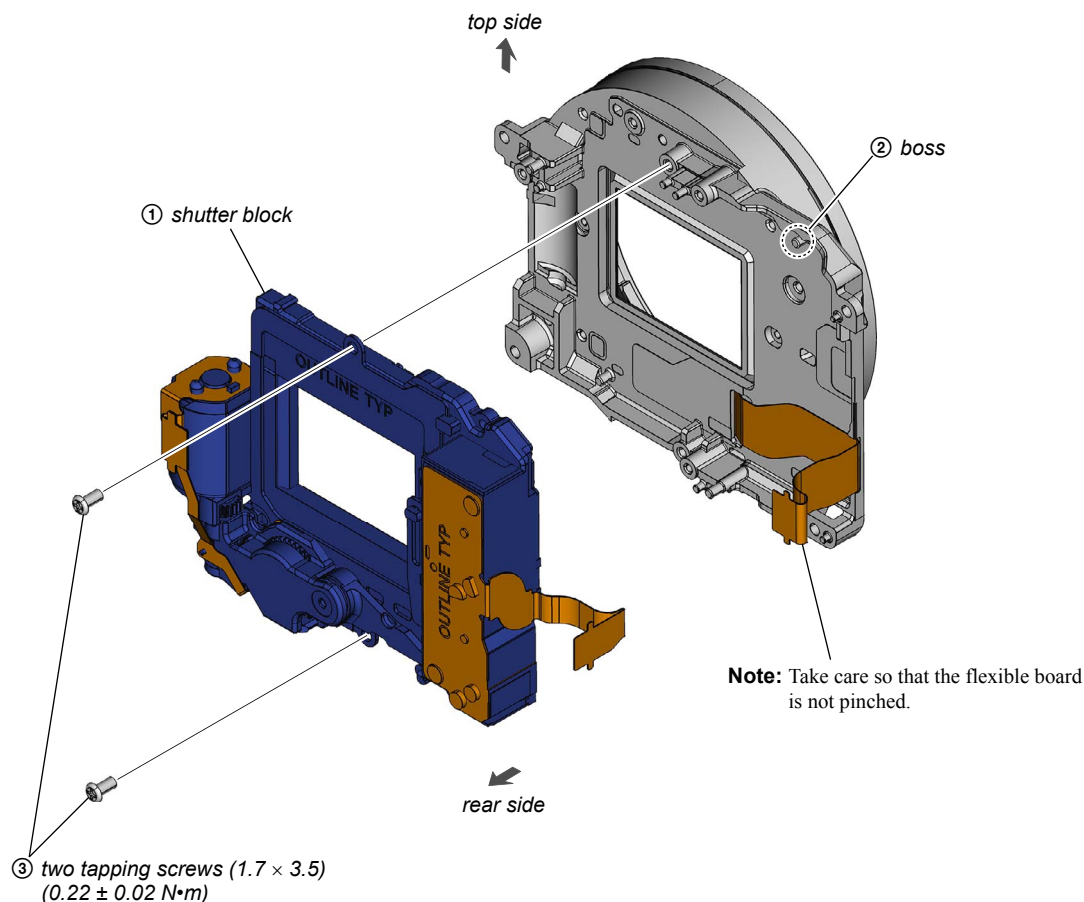


2-3-6. MB CHARGE UNIT

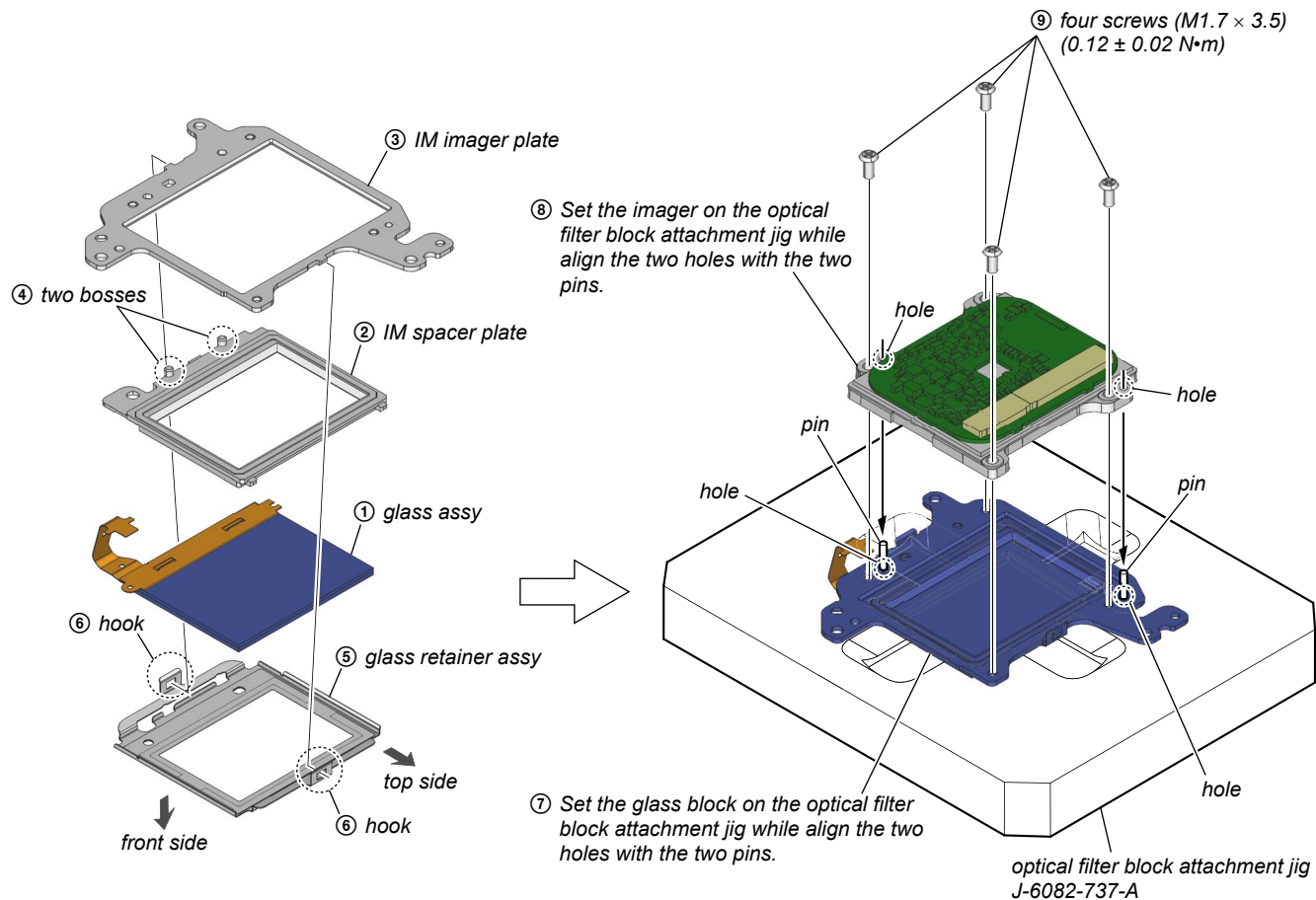


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2-3-7. SHUTTER BLOCK

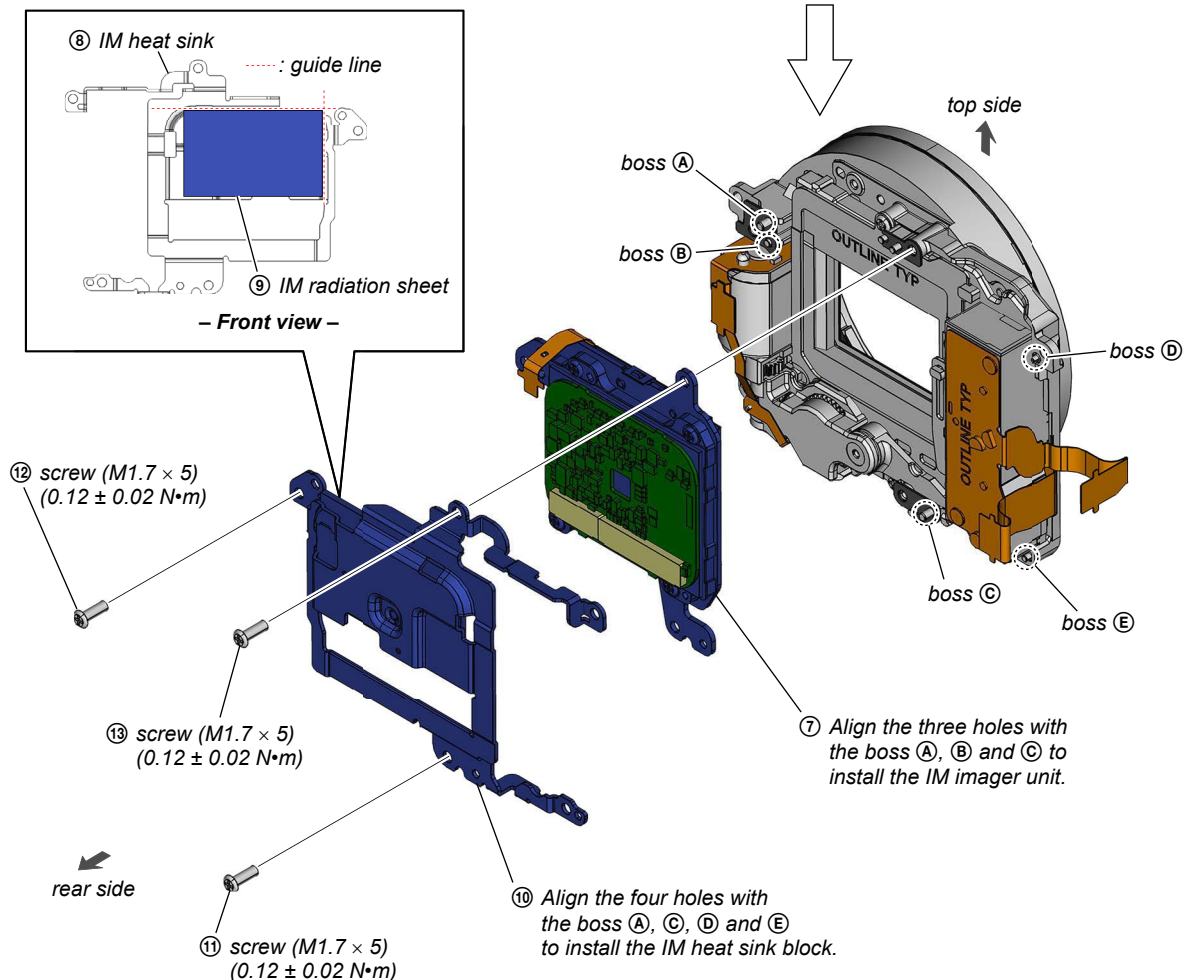
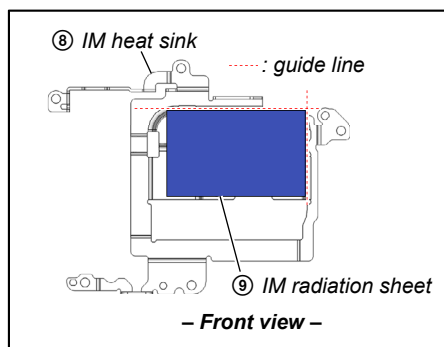
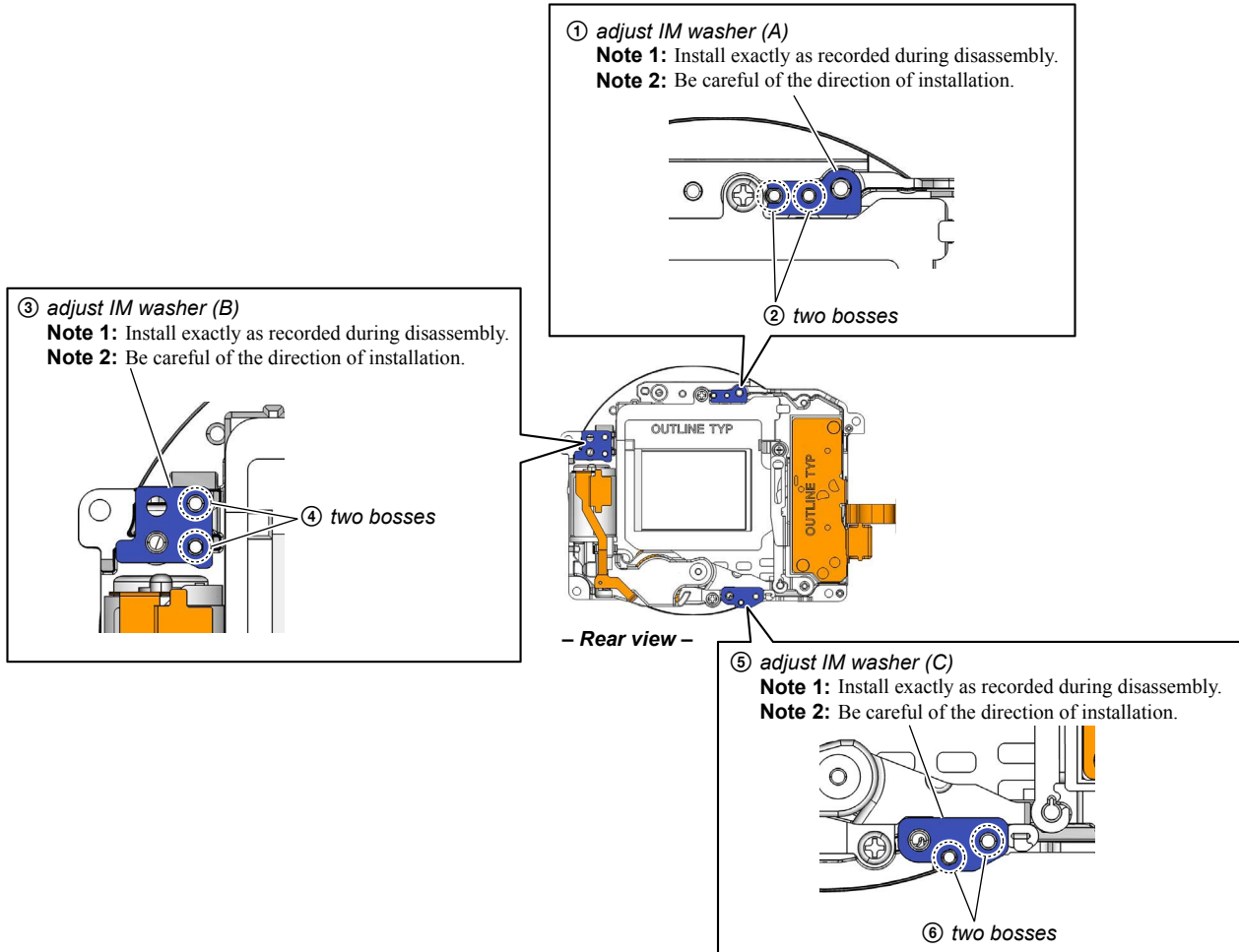


2-3-8. GLASS ASSY

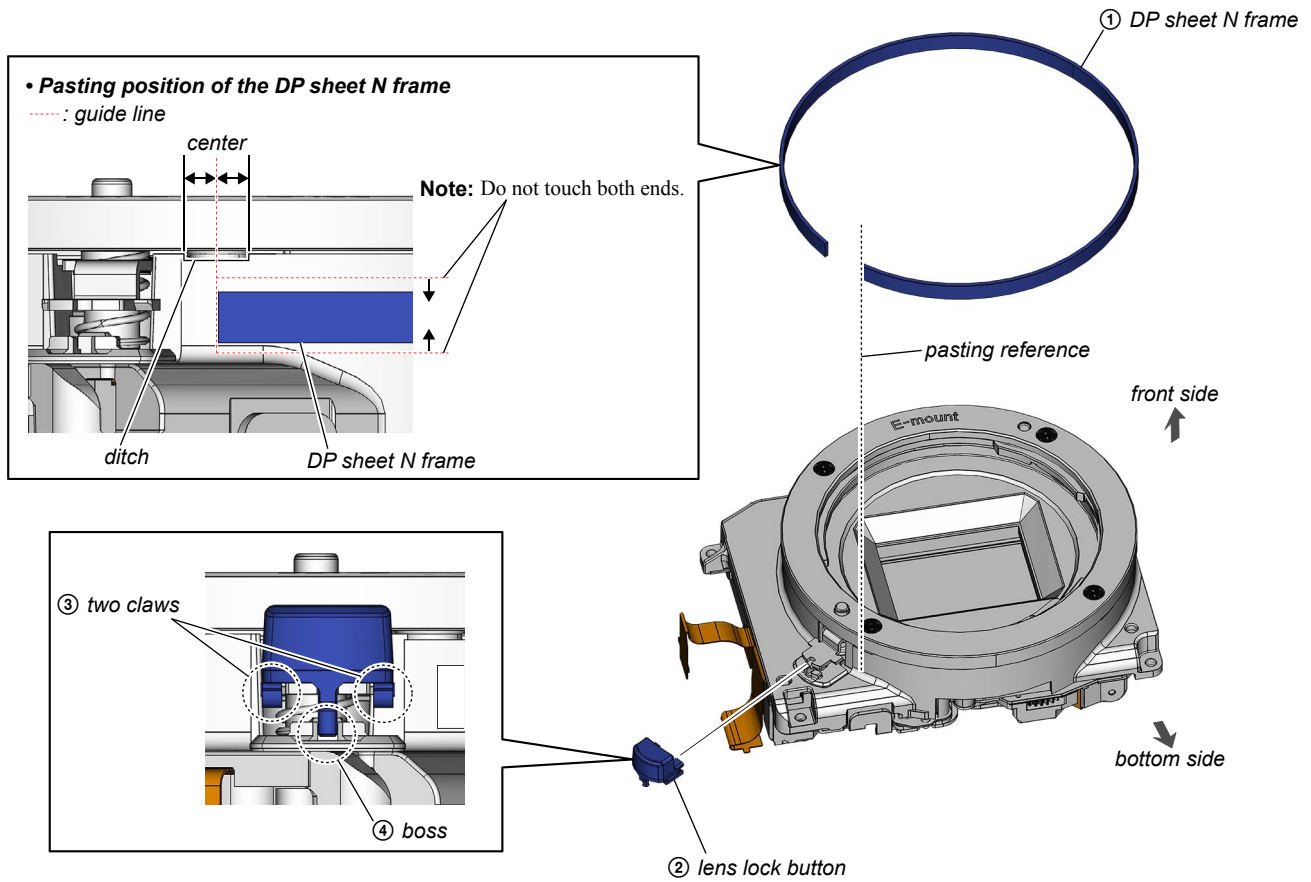


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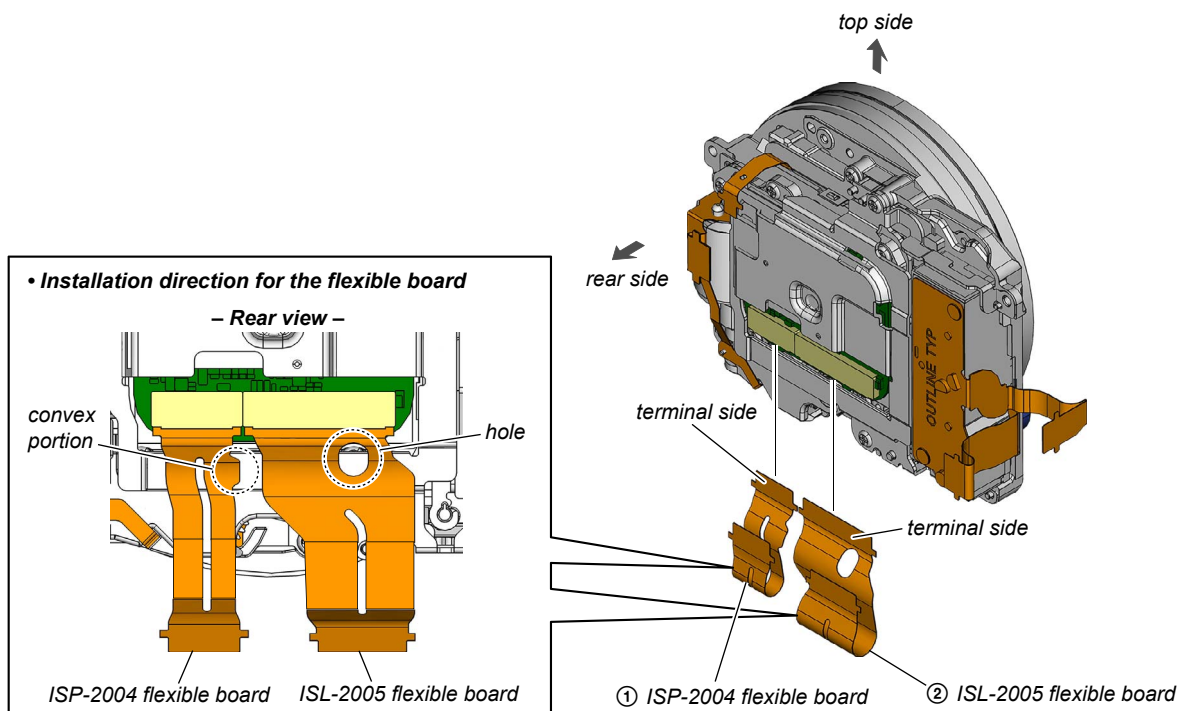
2-3-9. IM IMAGER UNIT



2-3-10. LENS LOCK BUTTON, DP SHEET N FRAME

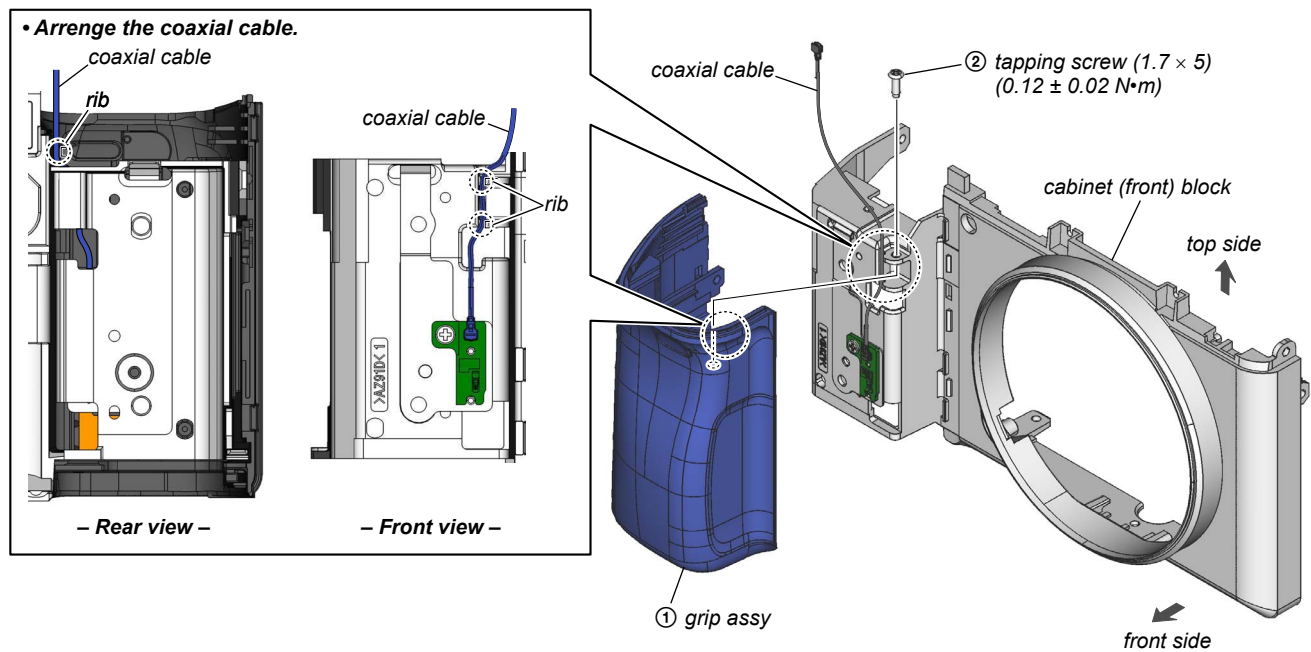


2-3-11. ISP-2004 FLEXIBLE BOARD, ISL-2005 FLEXIBLE BOARD

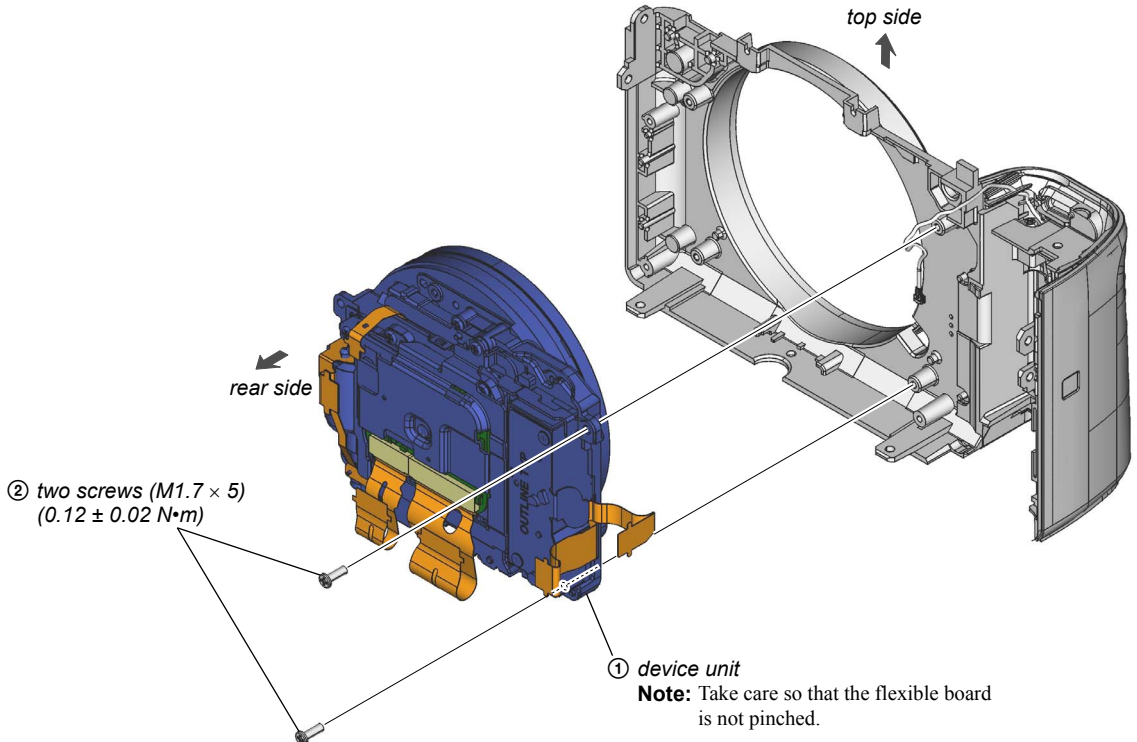


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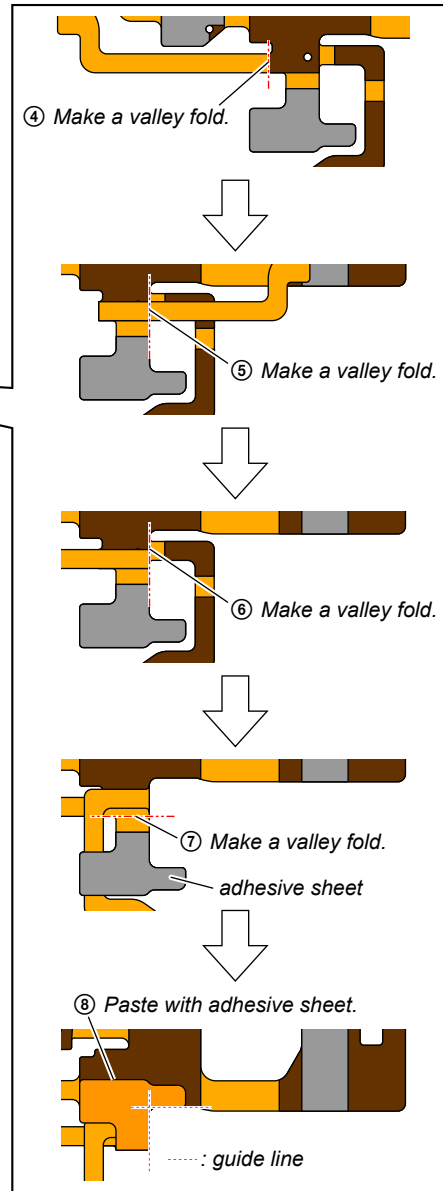
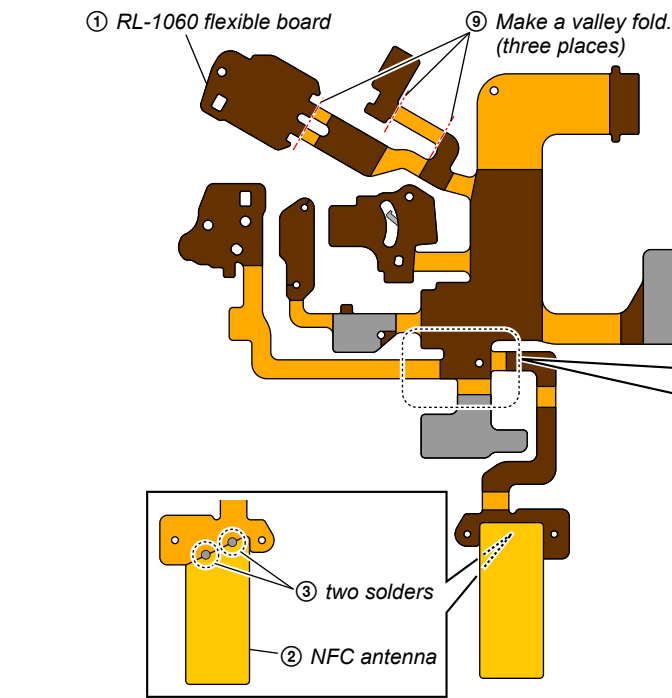
2-3-12. GRIP ASSY



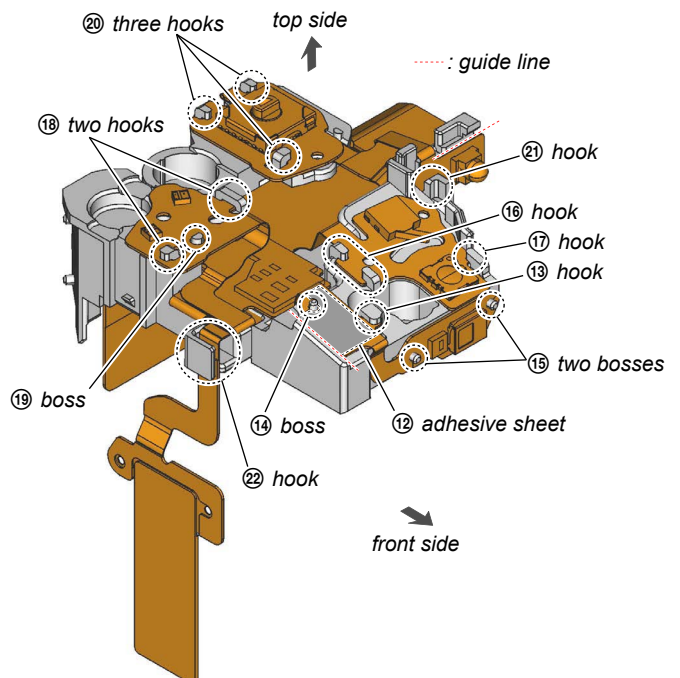
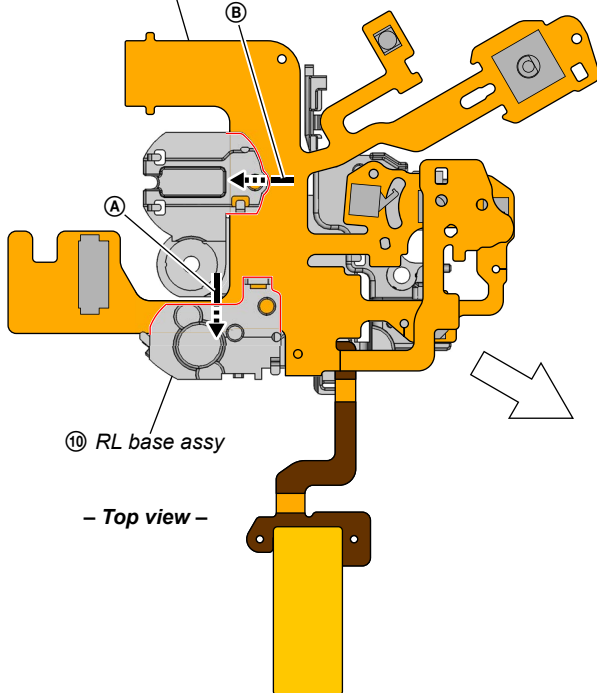
2-3-13. DEVICE UNIT



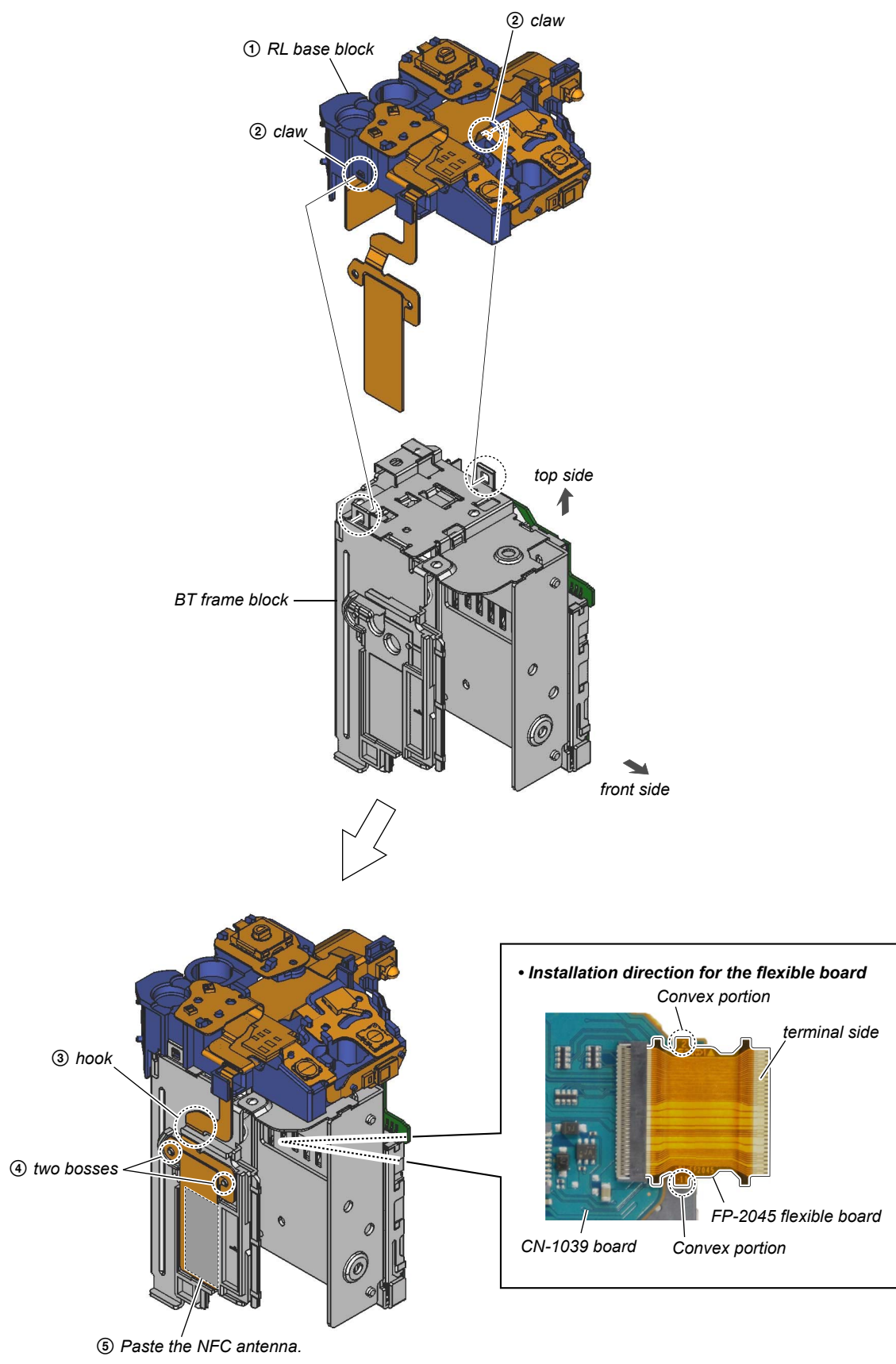
2-3-14. RL-1060 FLEXIBLE BOARD



⑩ Install the RL-1060 flexible board in the RL base assy in order to arrow (A) to (B).

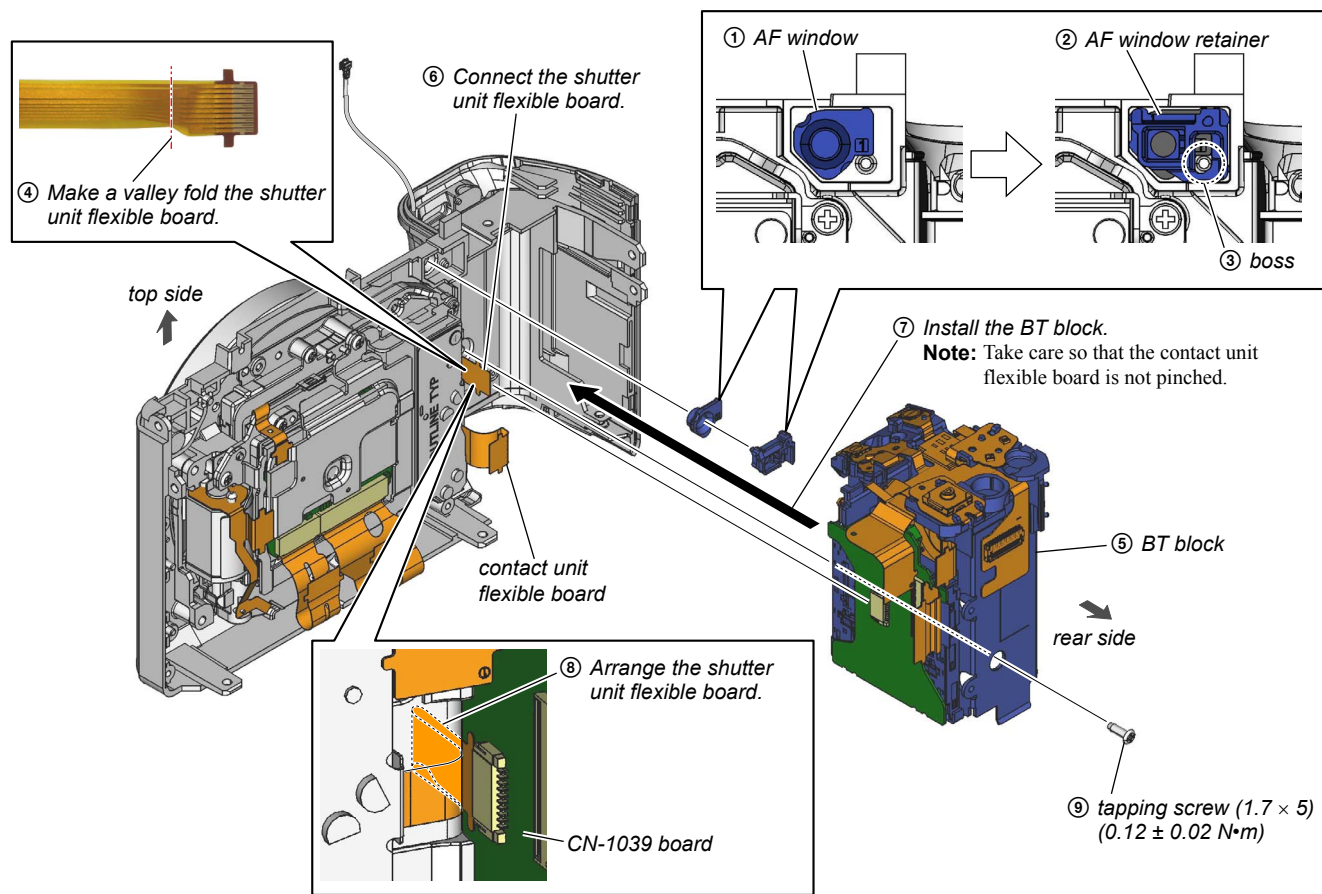


2-3-15. RL BASE BLOCK

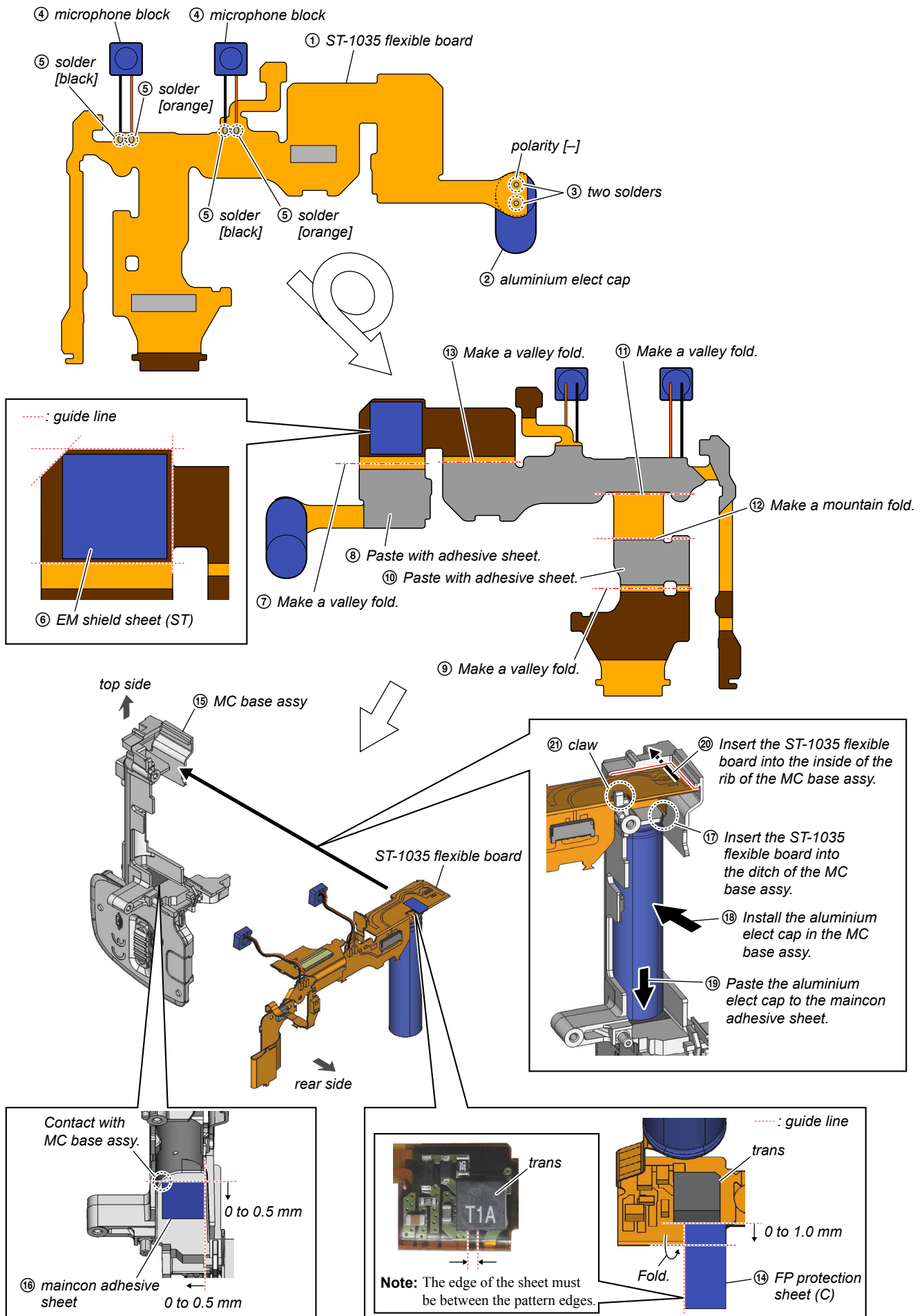


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2-3-16. BT BLOCK

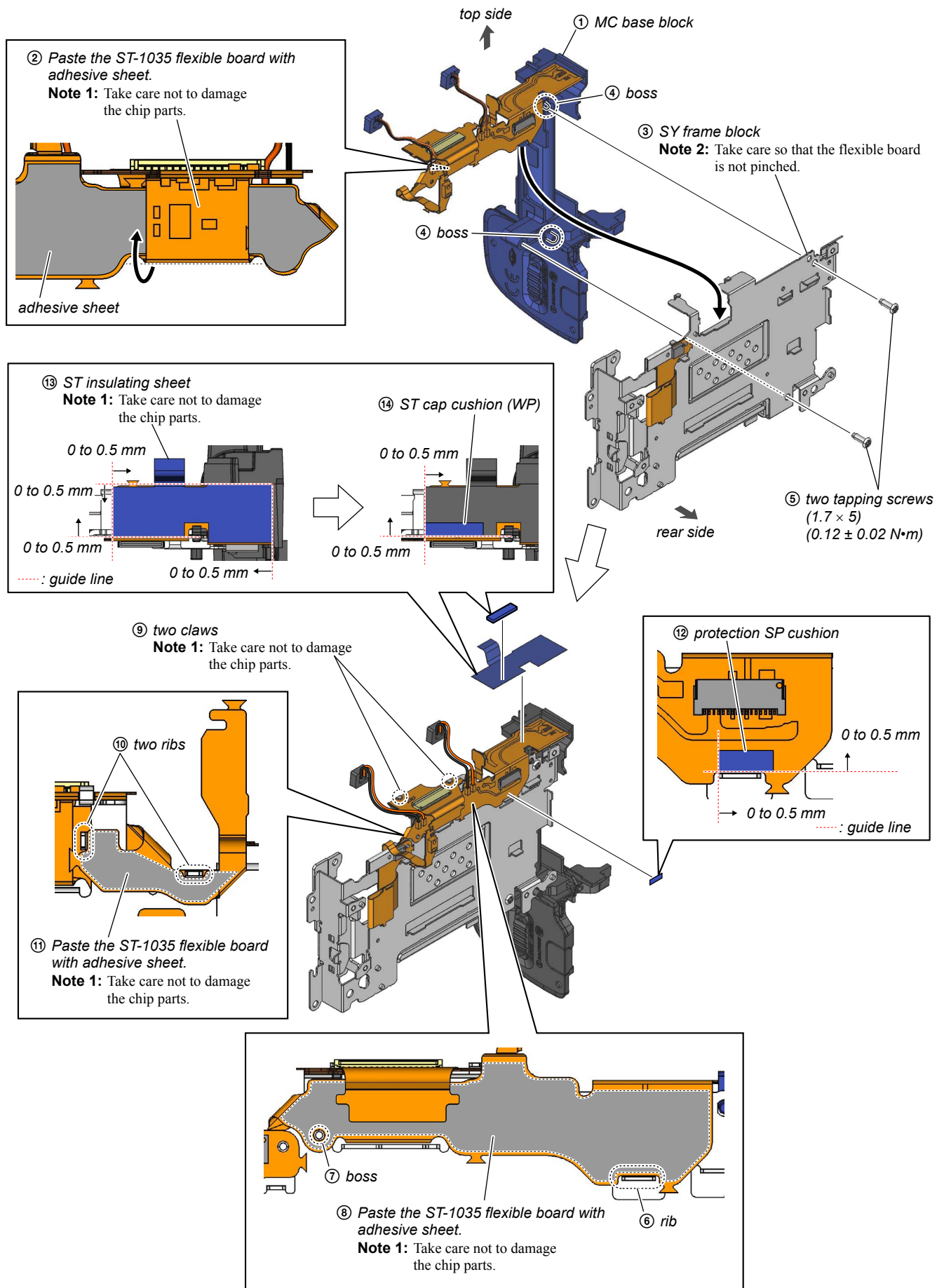


2-3-17. ST-1035 FLEXIBLE BOARD BLOCK

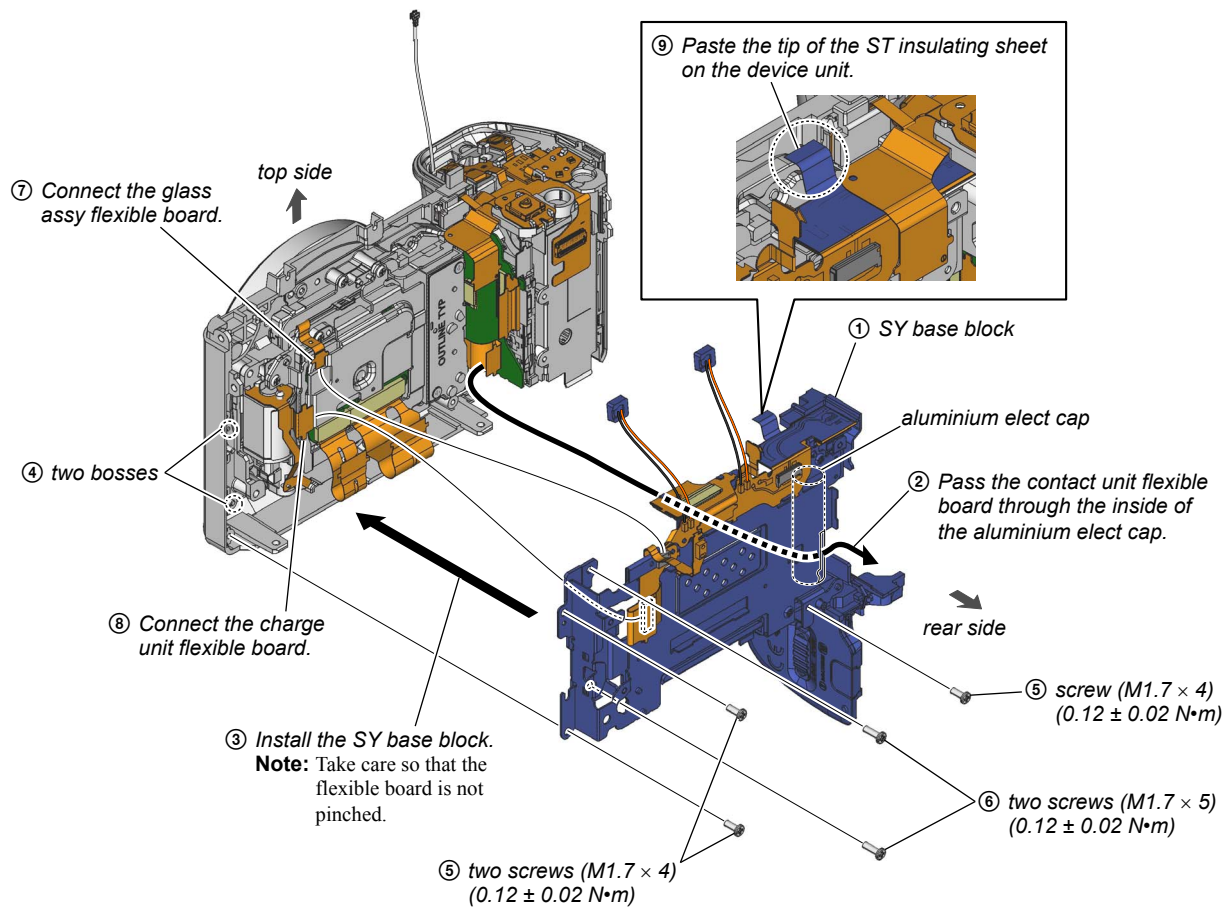


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2-3-18. MC BASE BLOCK



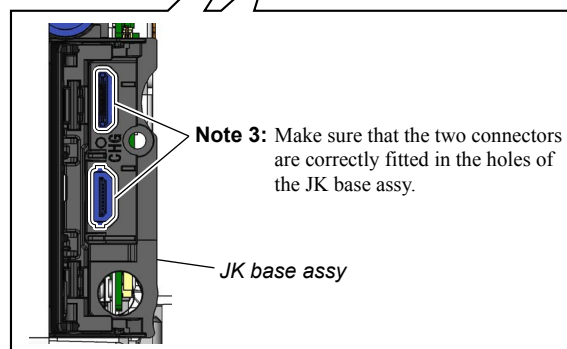
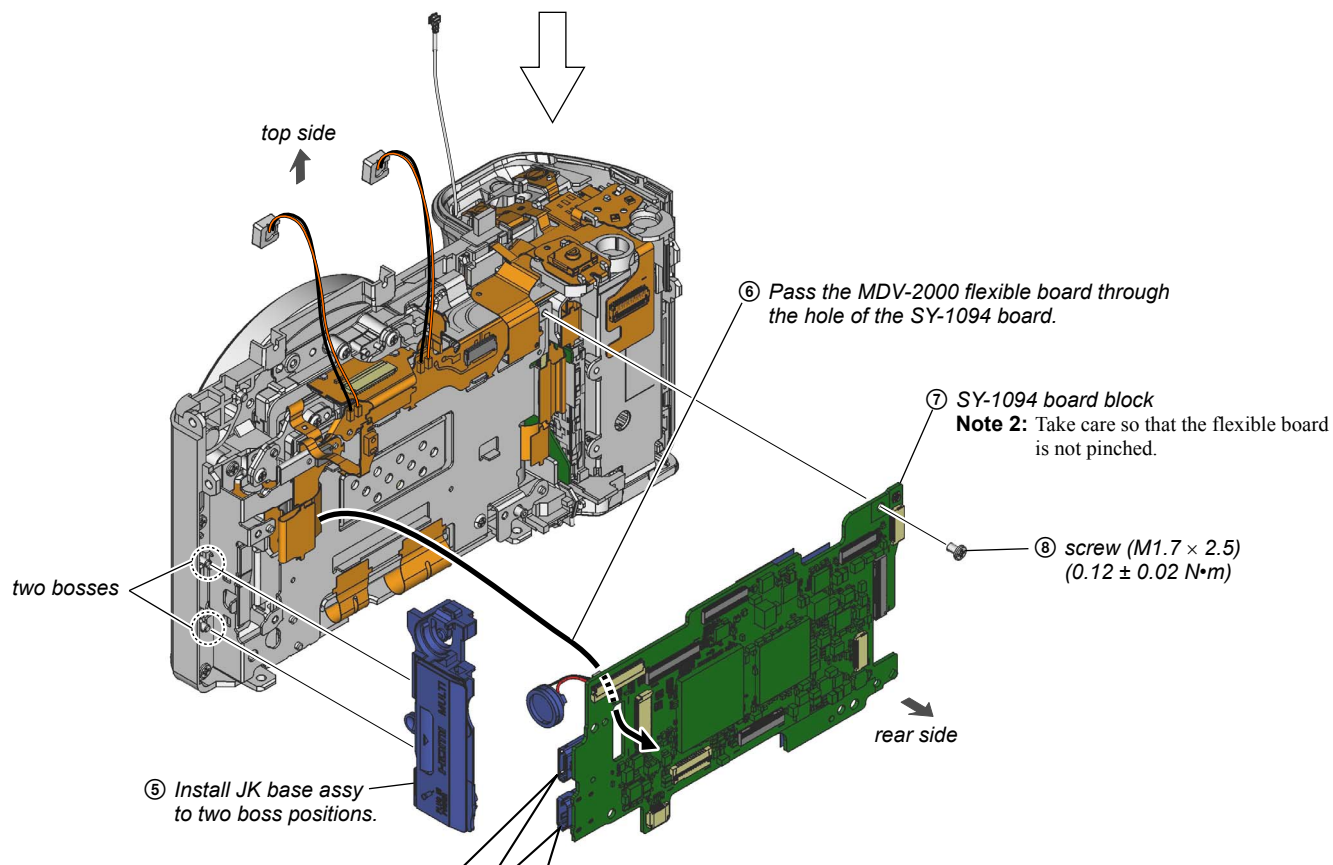
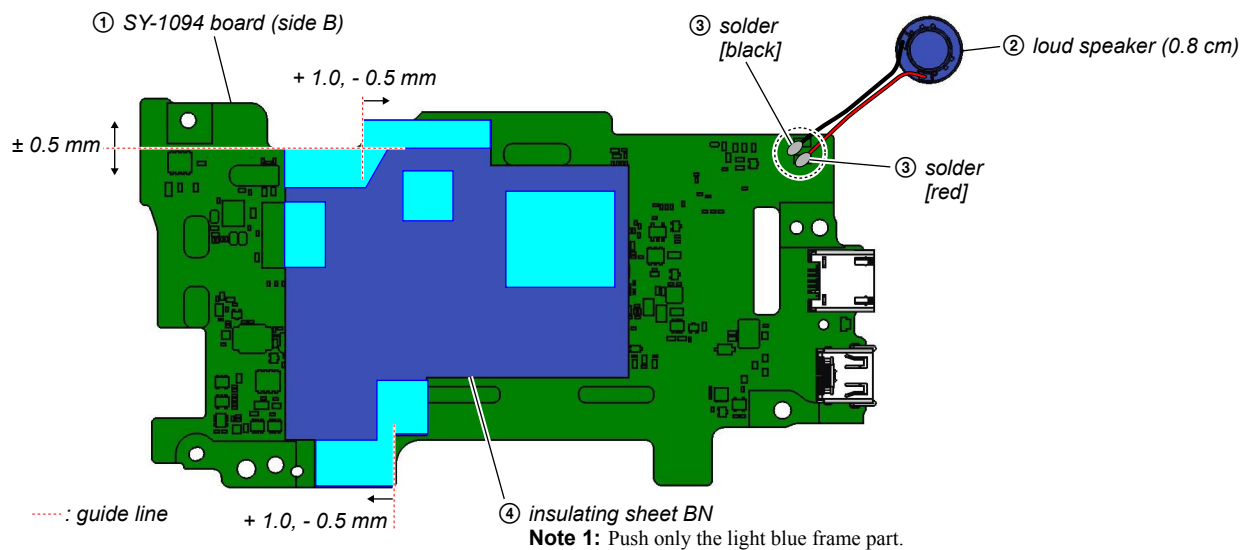
2-3-19. SY BASE BLOCK



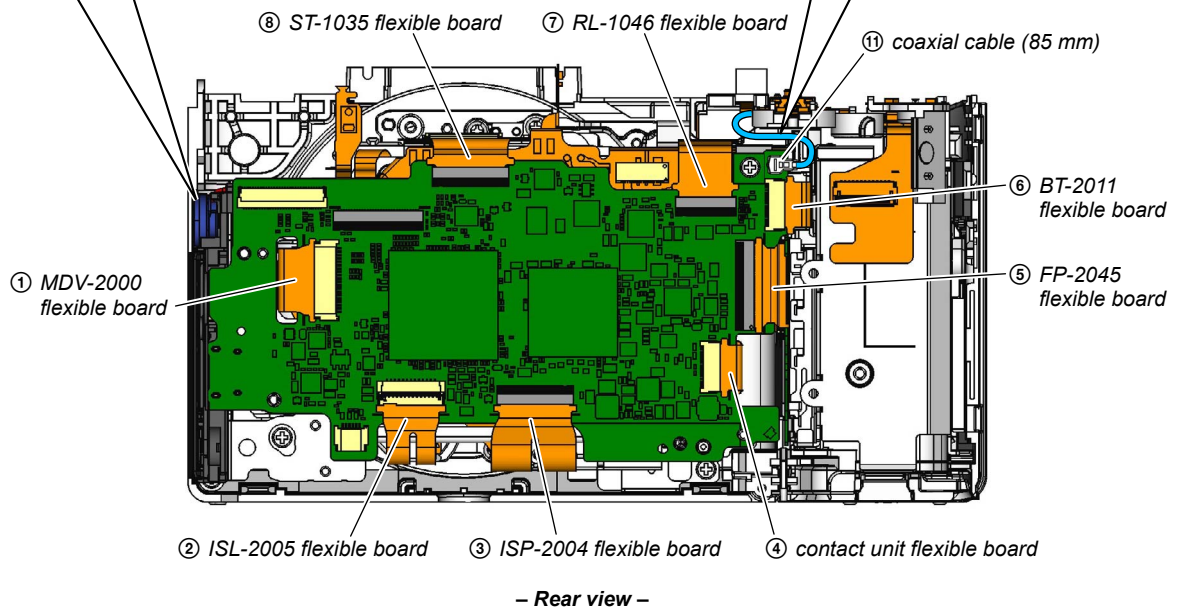
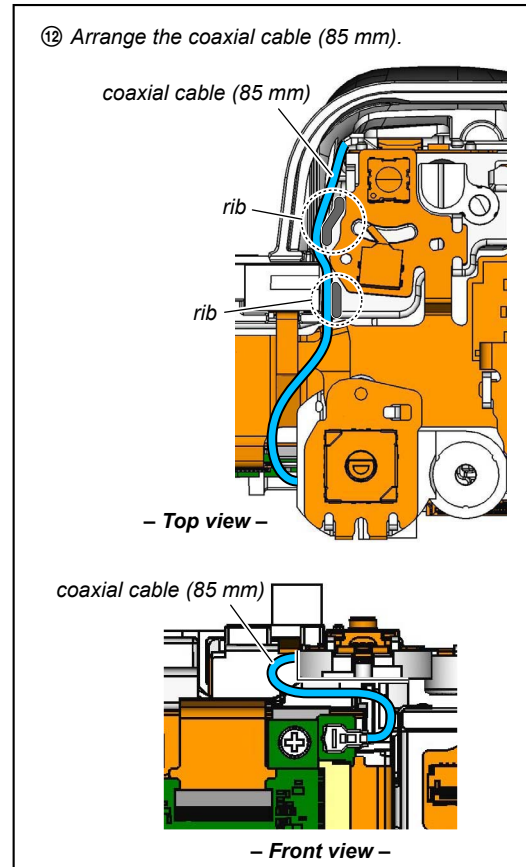
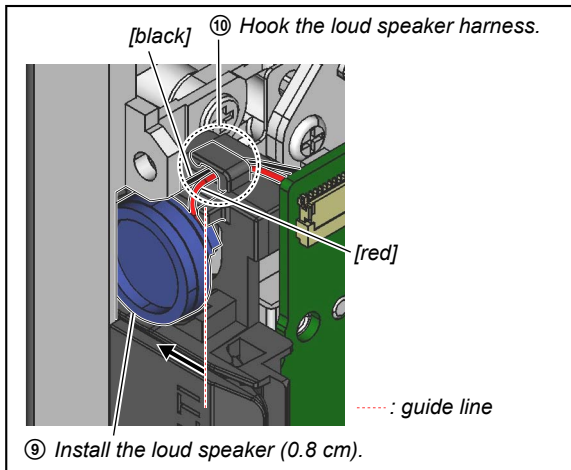
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2-3-20. SY-1094 BOARD-1

• Continued on 2-3-21 (page 2-47).

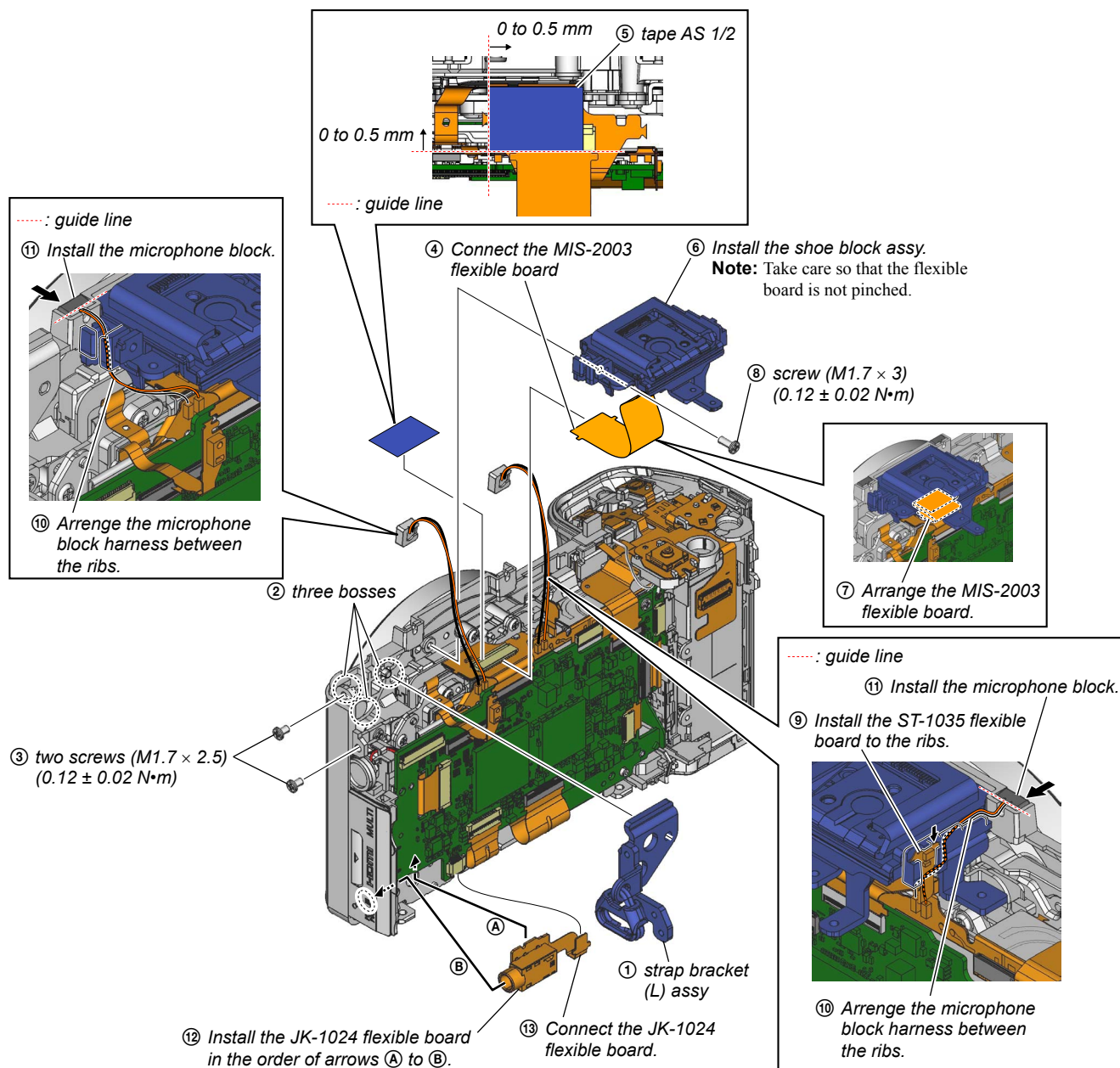


2-3-21. SY-1094 BOARD-2

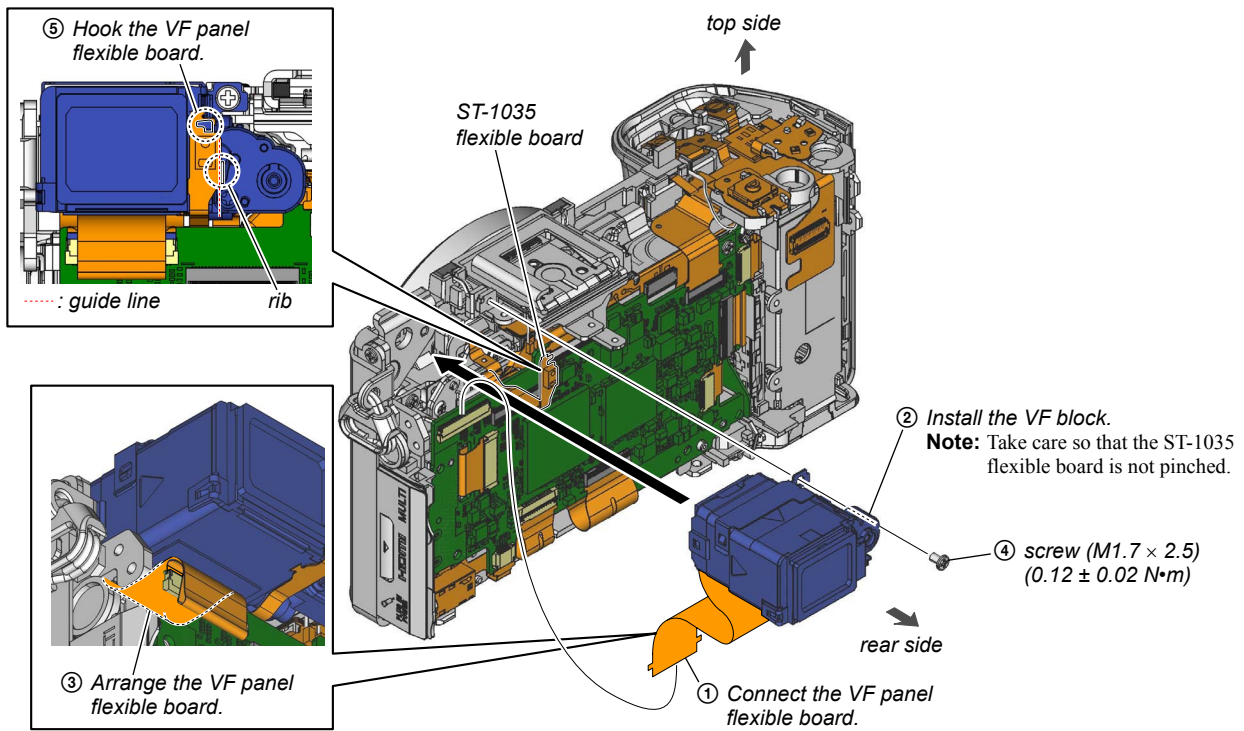


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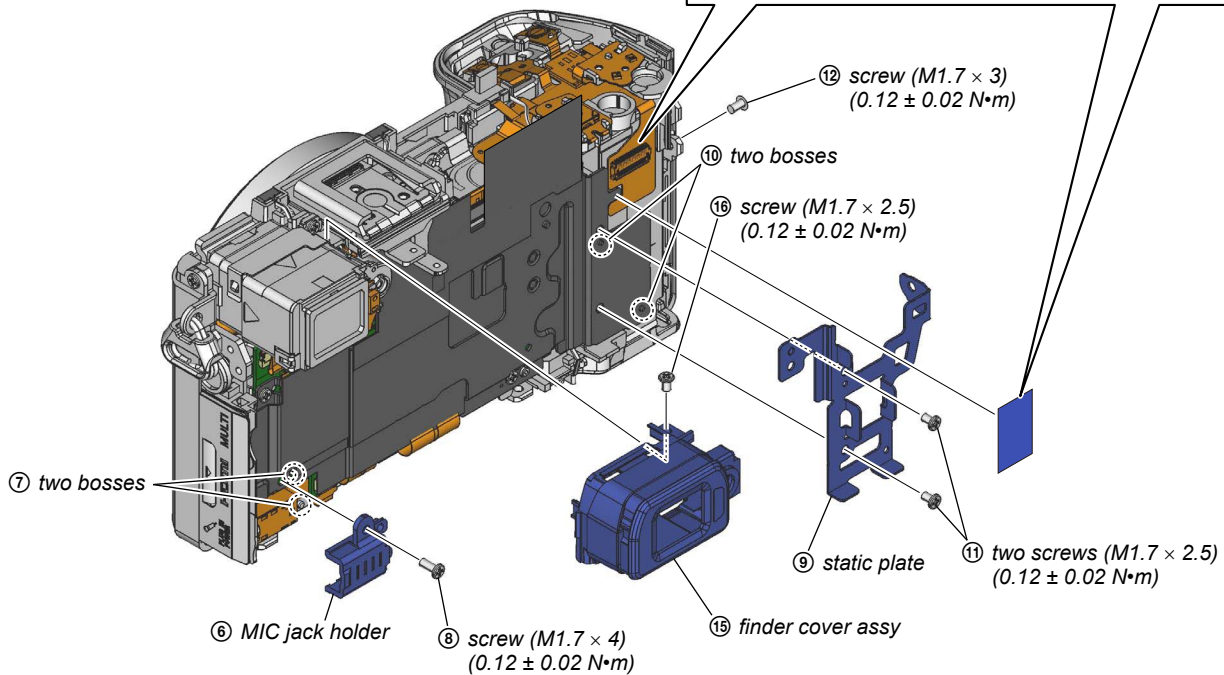
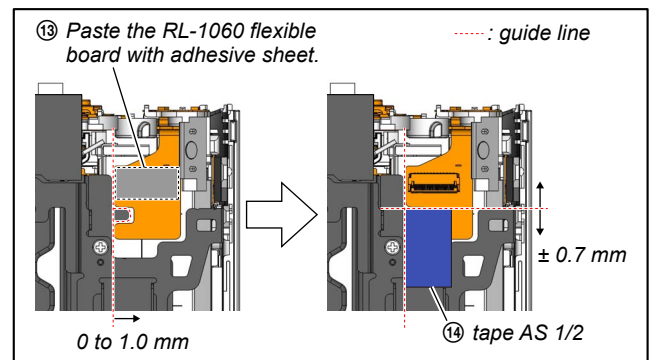
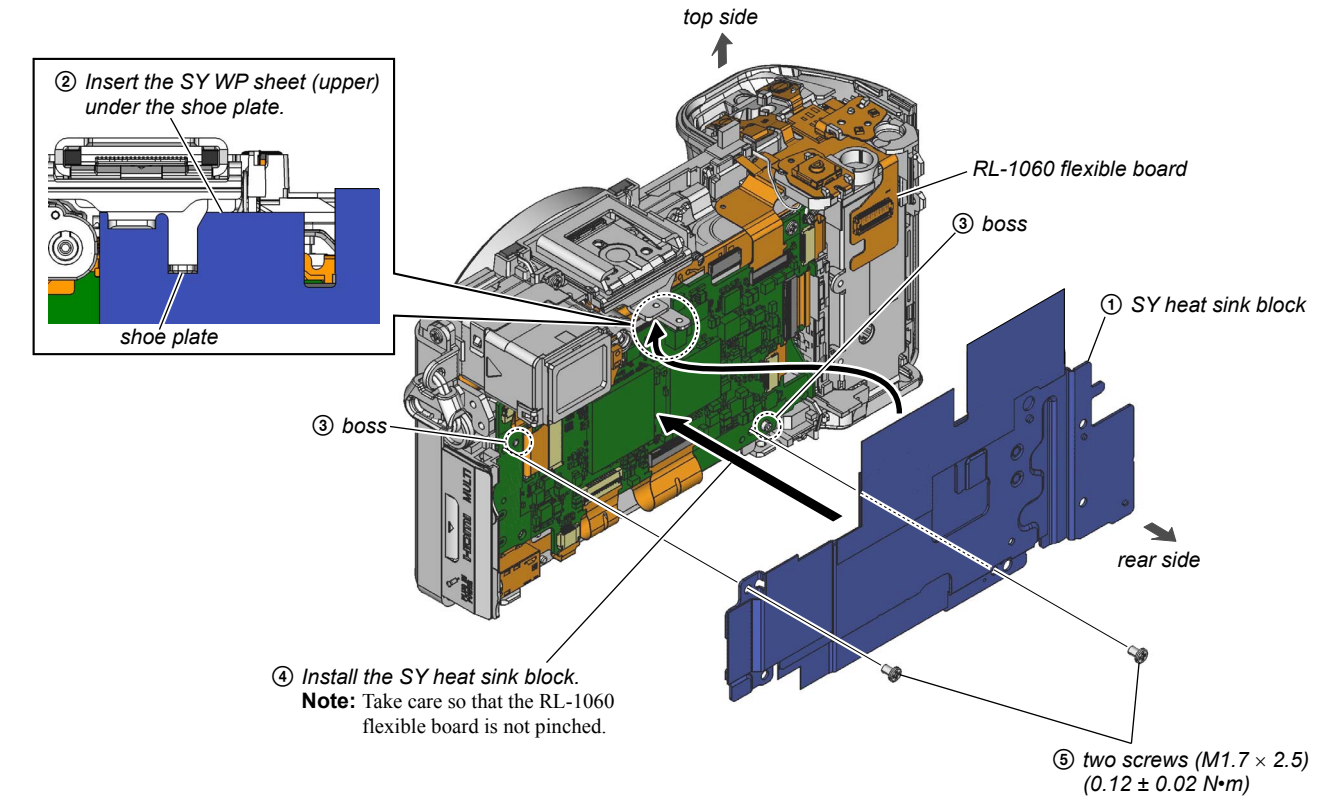
2-3-22. SHOE BLOCK ASSY



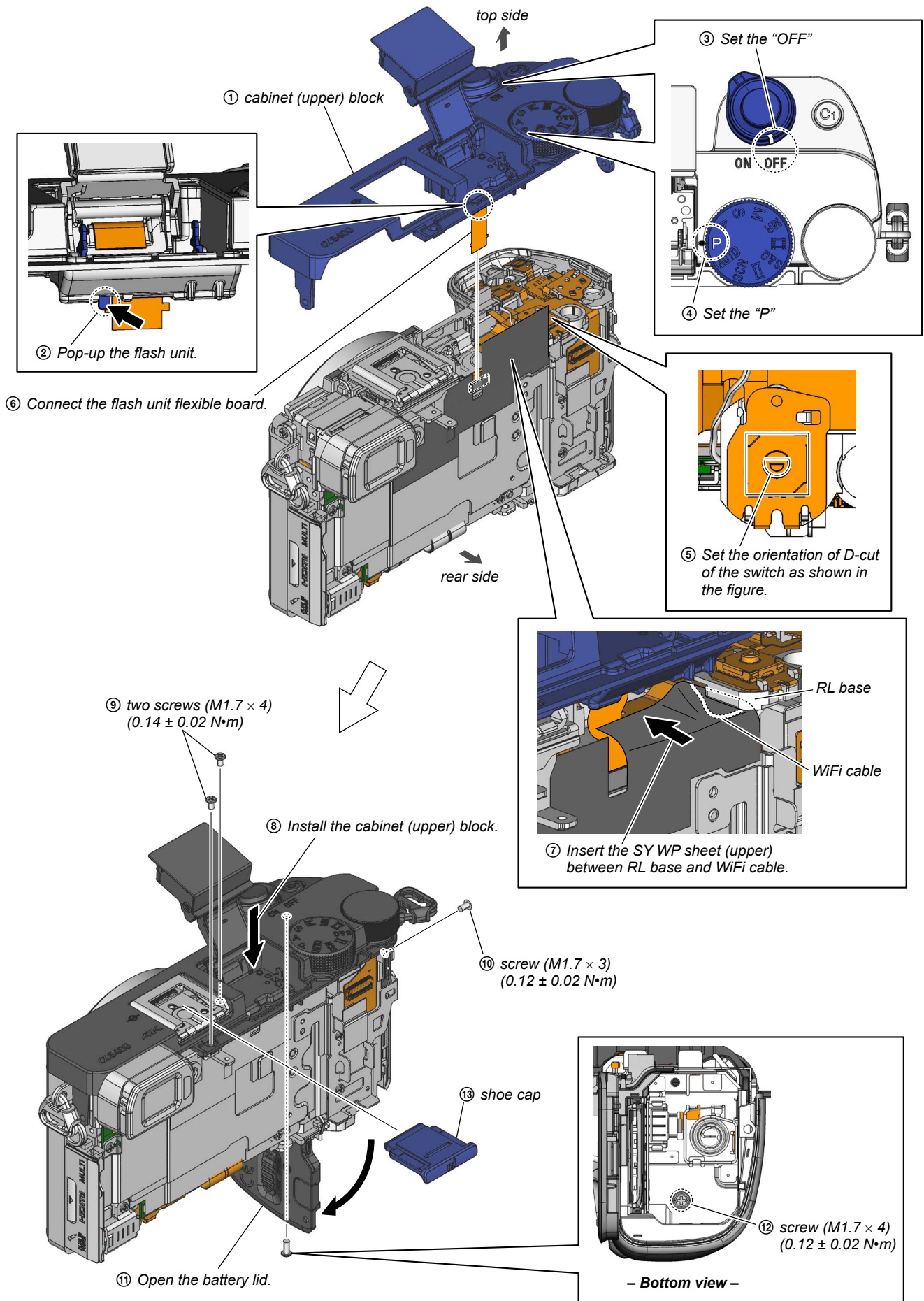
2-3-23. VF BLOCK



2-3-24. SY HEAT SINK BLOCK

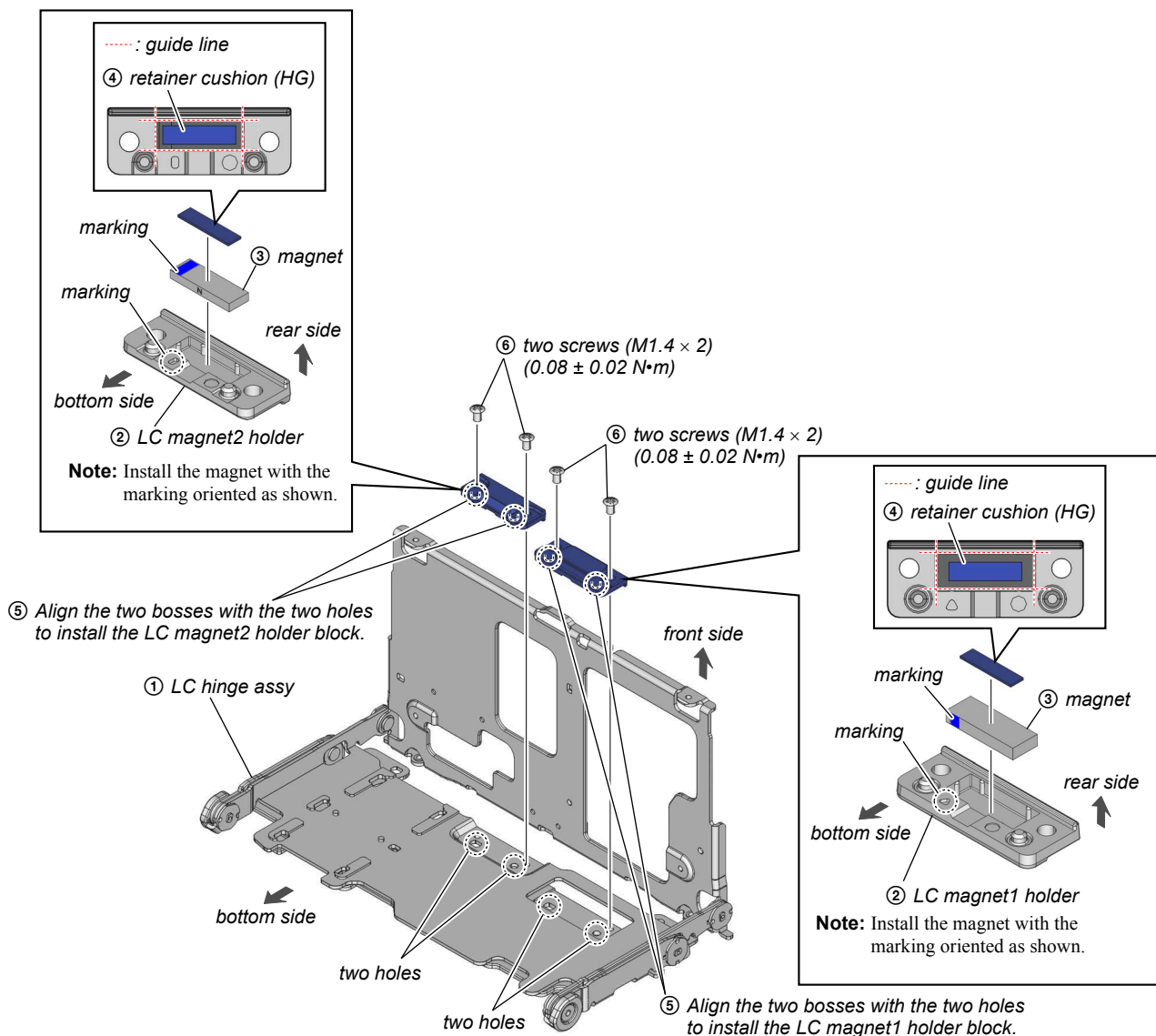


2-3-25. CABINET (UPPER) BLOCK



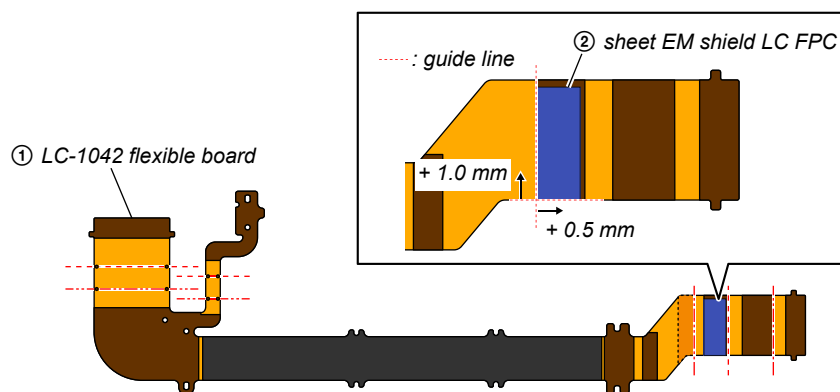
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2-3-26. LC MAGNET1/2 HOLDER



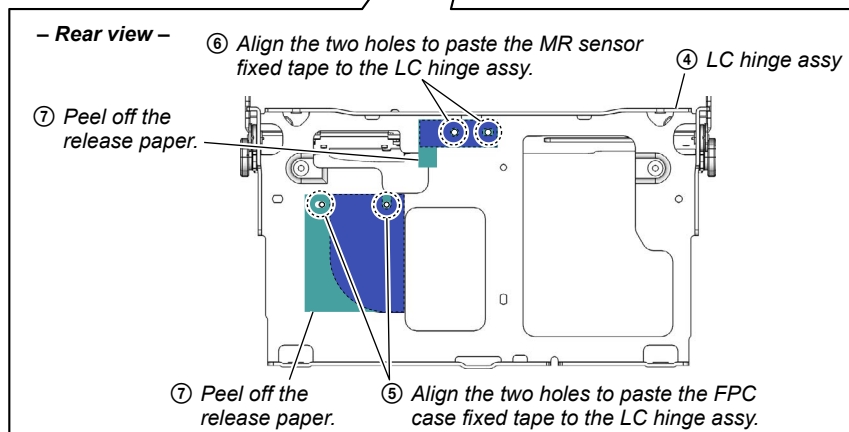
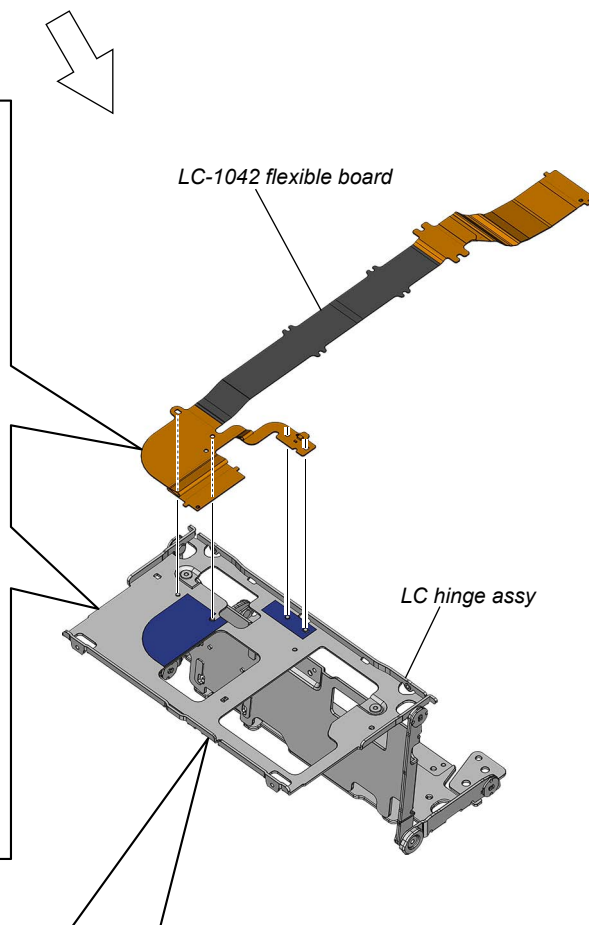
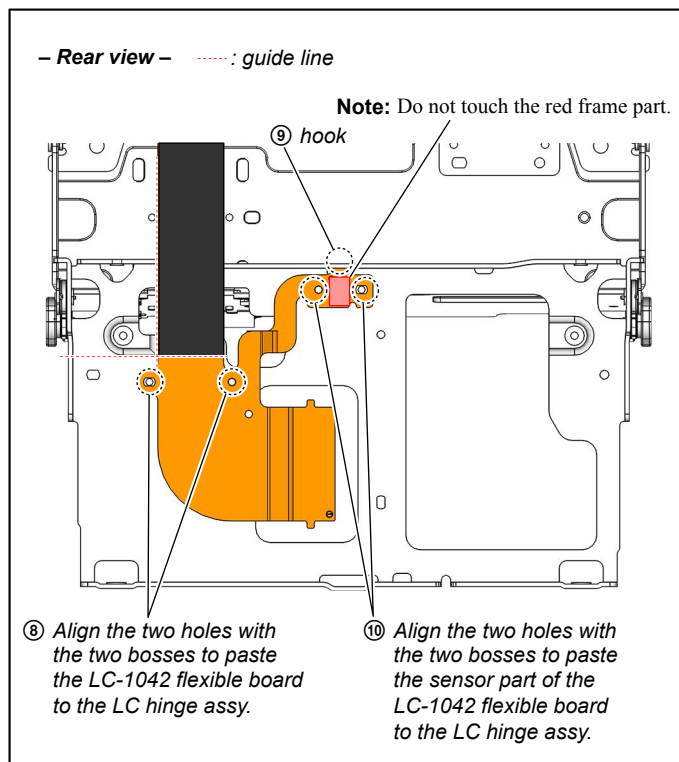
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2-3-27. LC-1042 FLEXIBLE BOARD



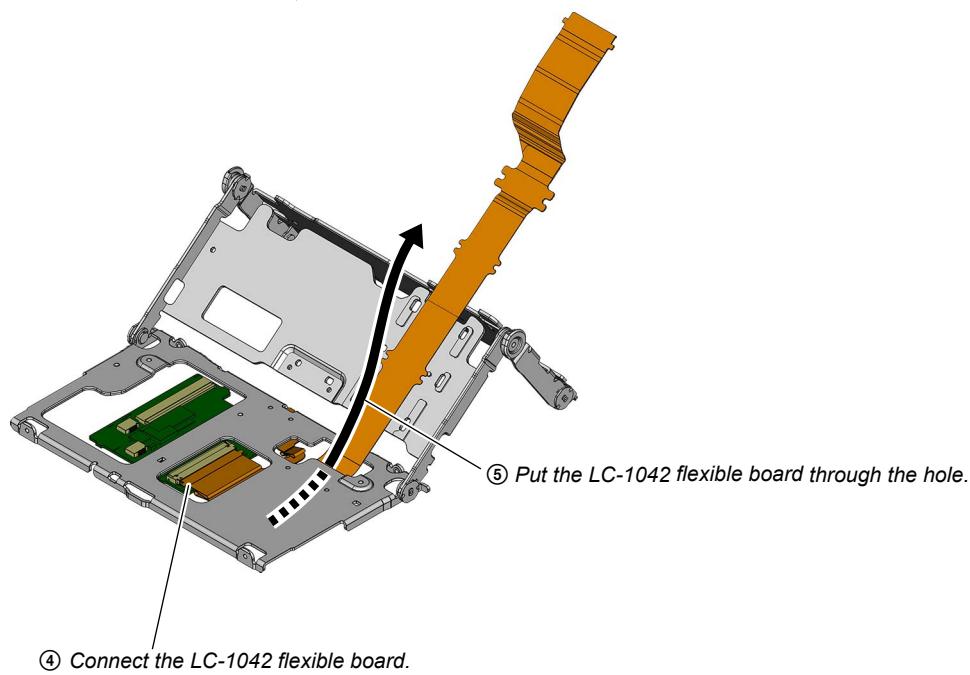
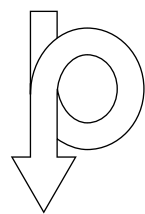
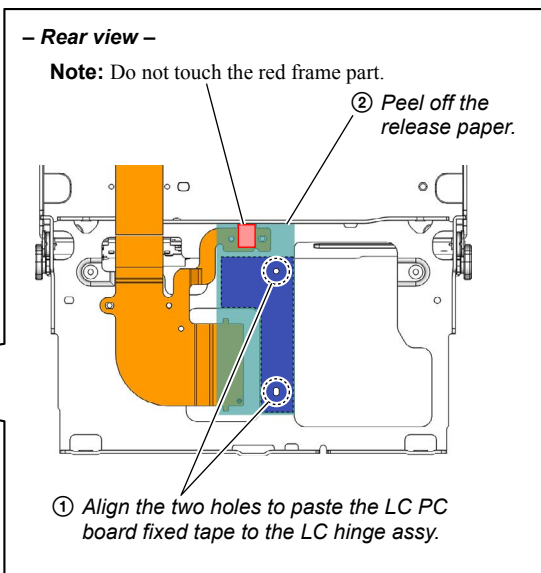
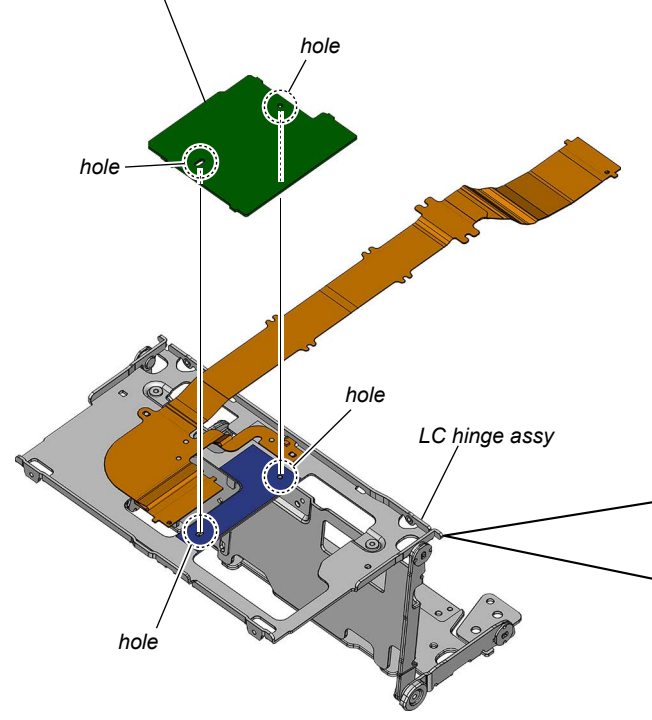
③ Crease the LC-1042 flexible board.

.....: Mountain fold
- - - - -: Valley fold

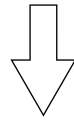
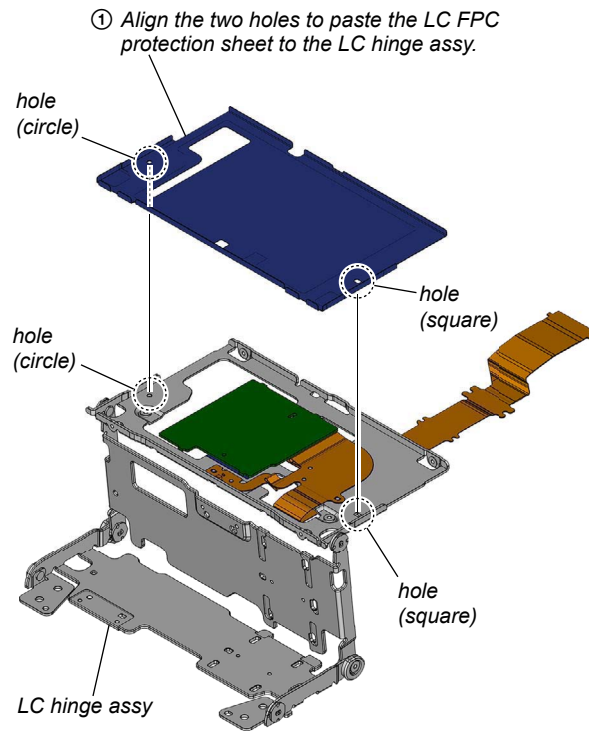


2-3-28. LC-1045 BOARD

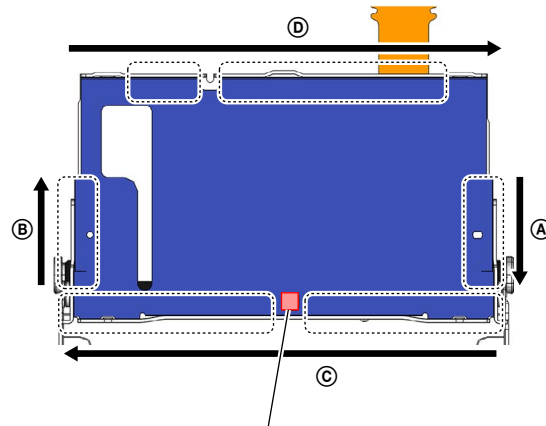
③ Align the two holes to paste the LC-1045 board to the LC hinge assy.



2-3-29. LC FPC PROTECTION SHEET

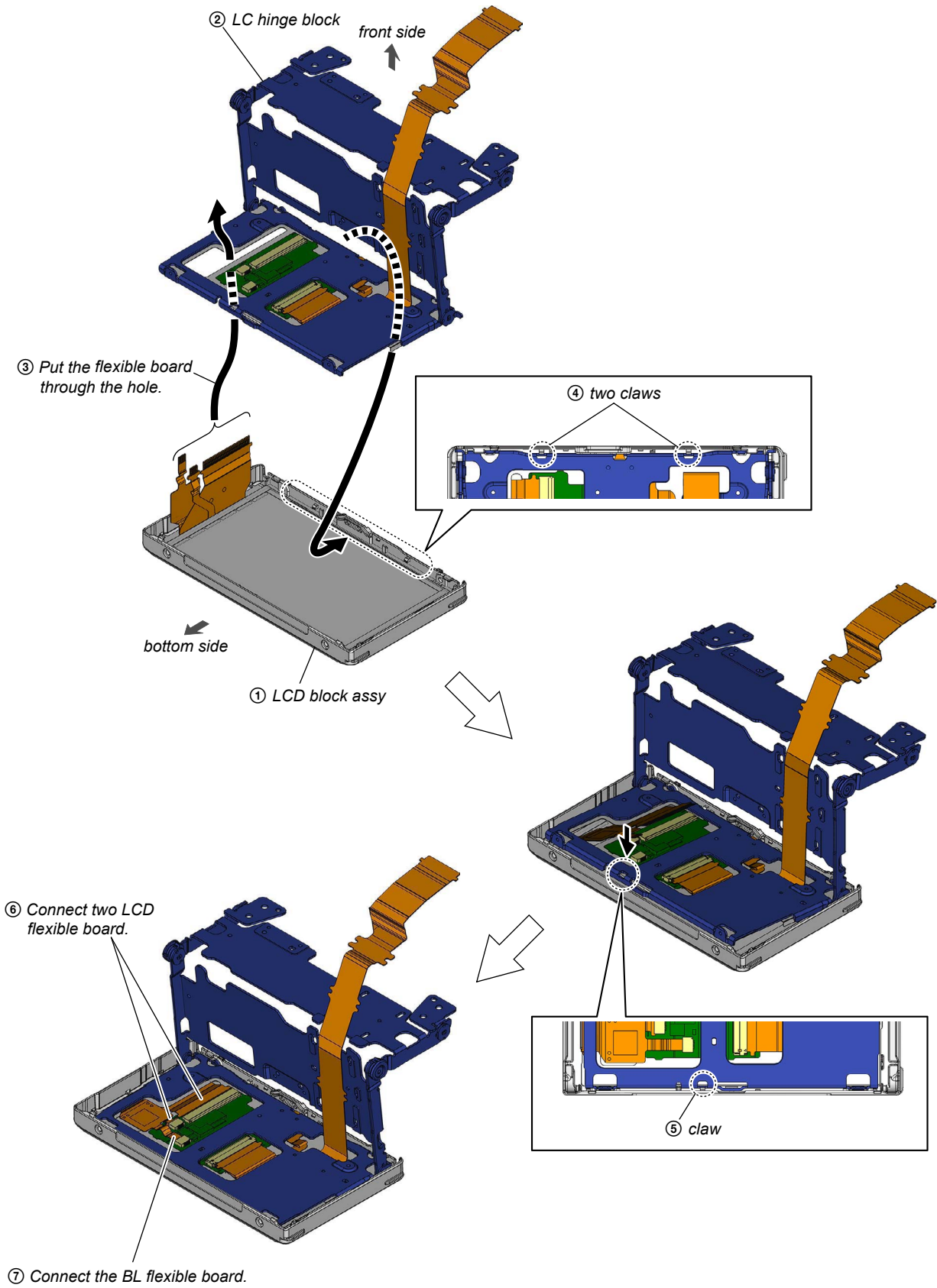


② Press the LC PC board fixed tape with the tweezers in the order of the arrows (A) to (D).

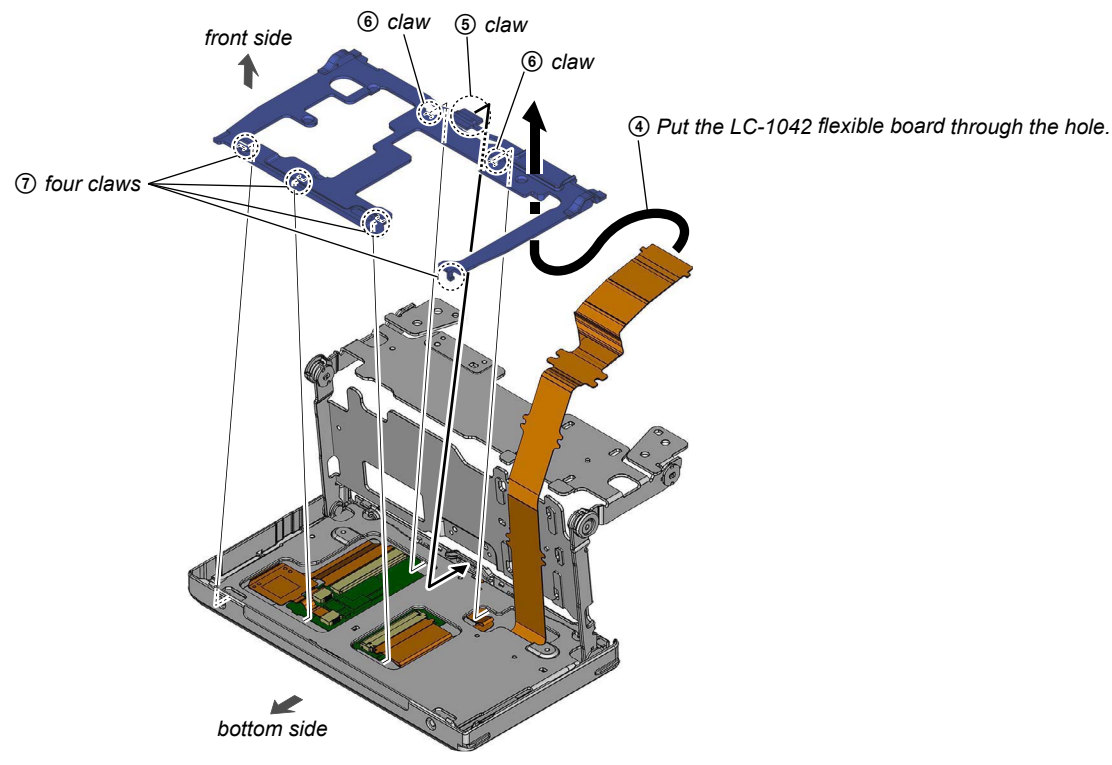
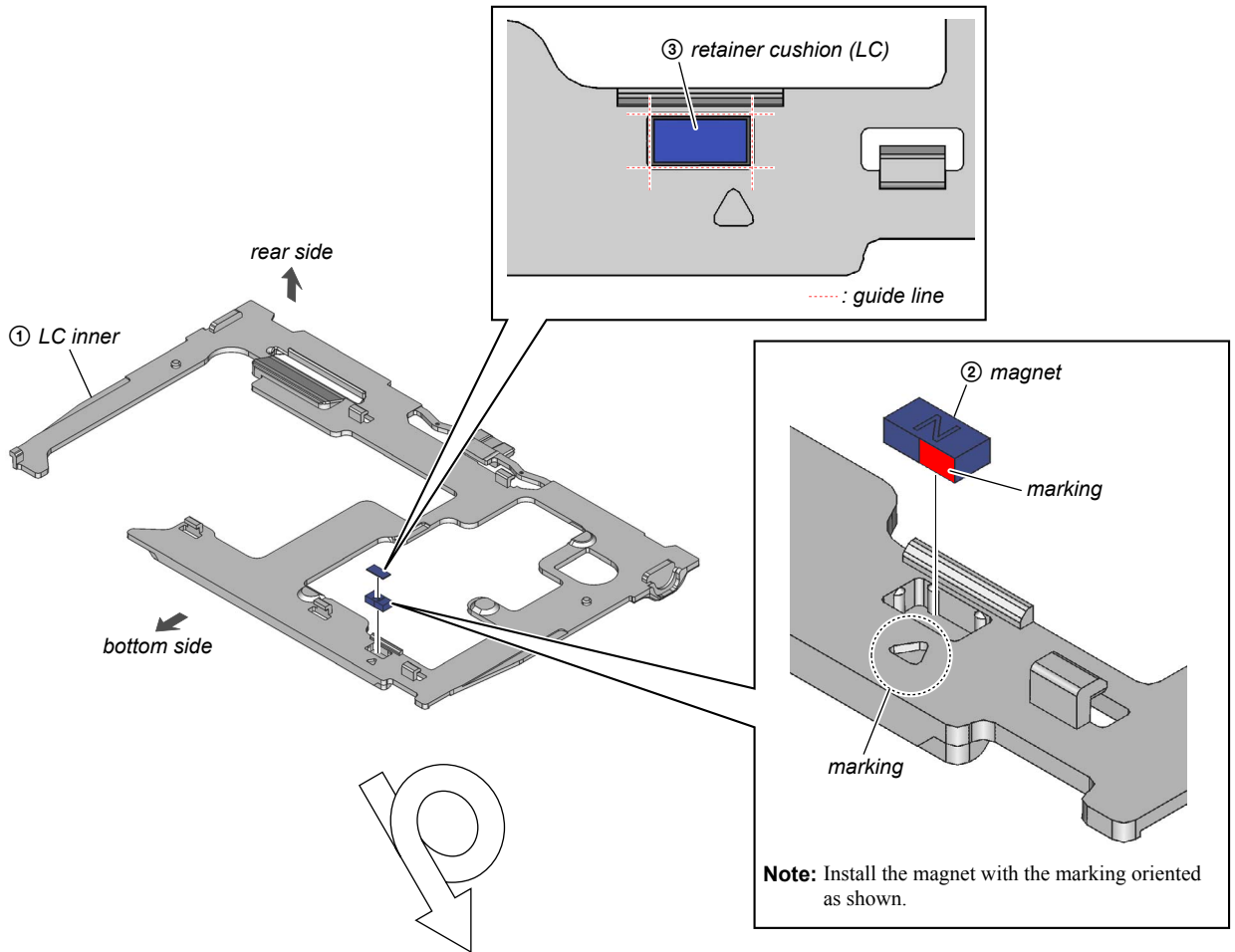


Note: Do not touch the red frame part.

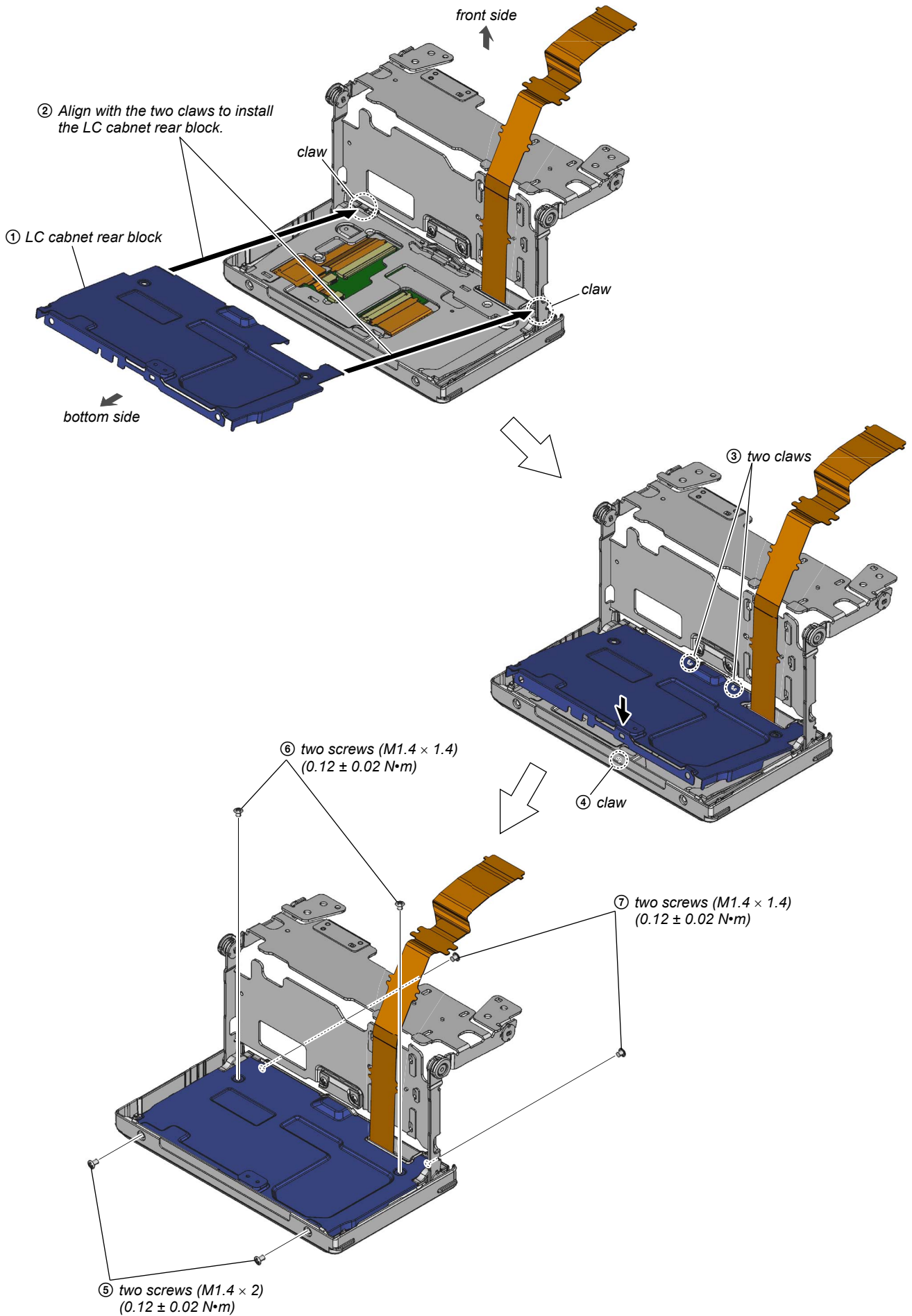
2-3-30. LCD BLOCK ASSY



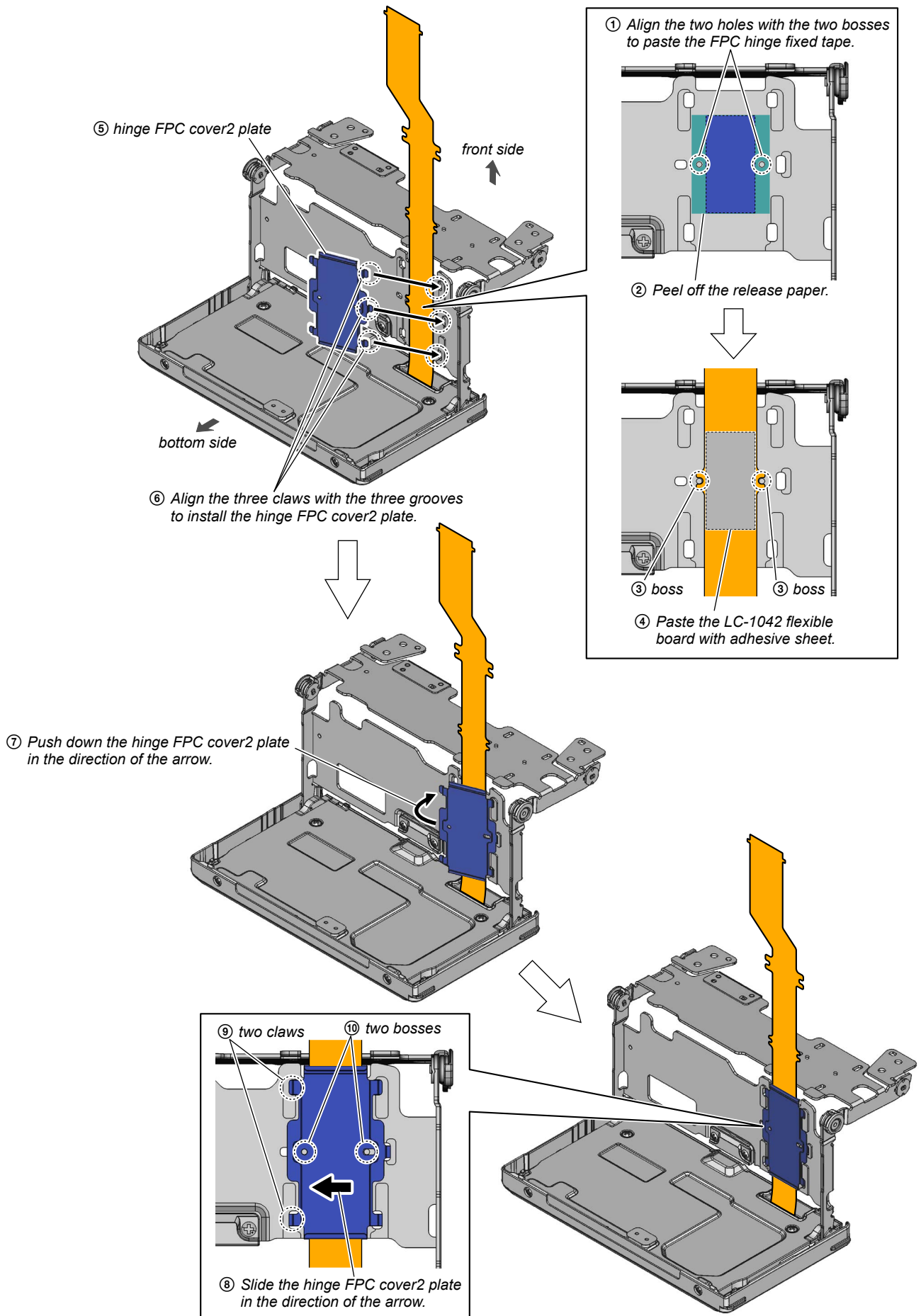
2-3-31. LC INNER



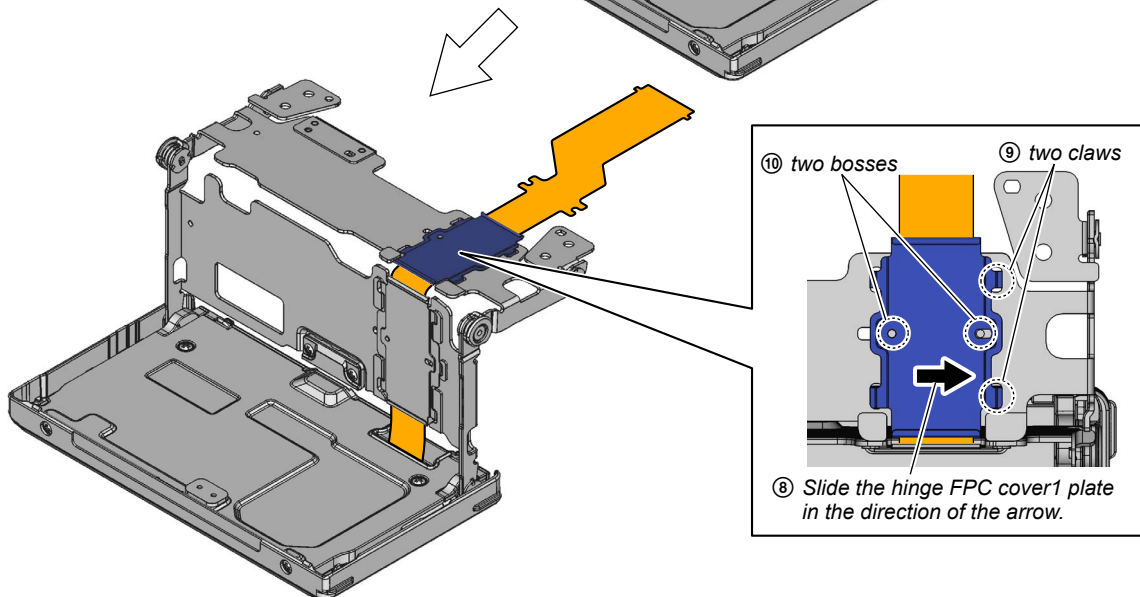
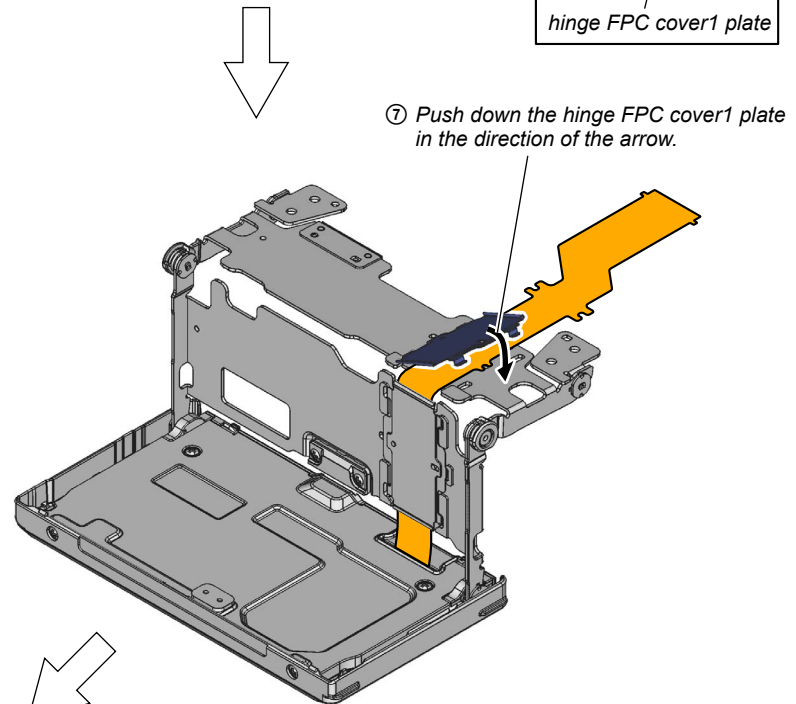
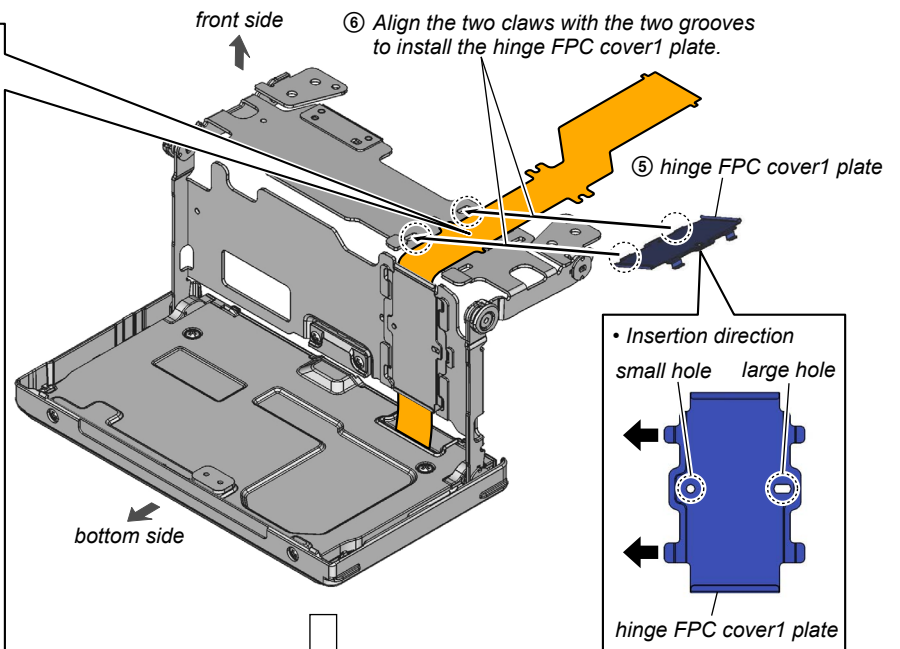
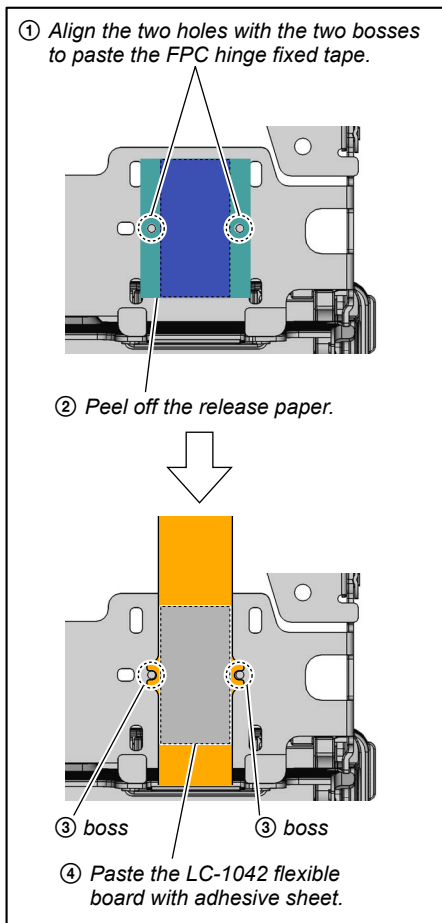
2-3-32. LC CABINET REAR BLOCK



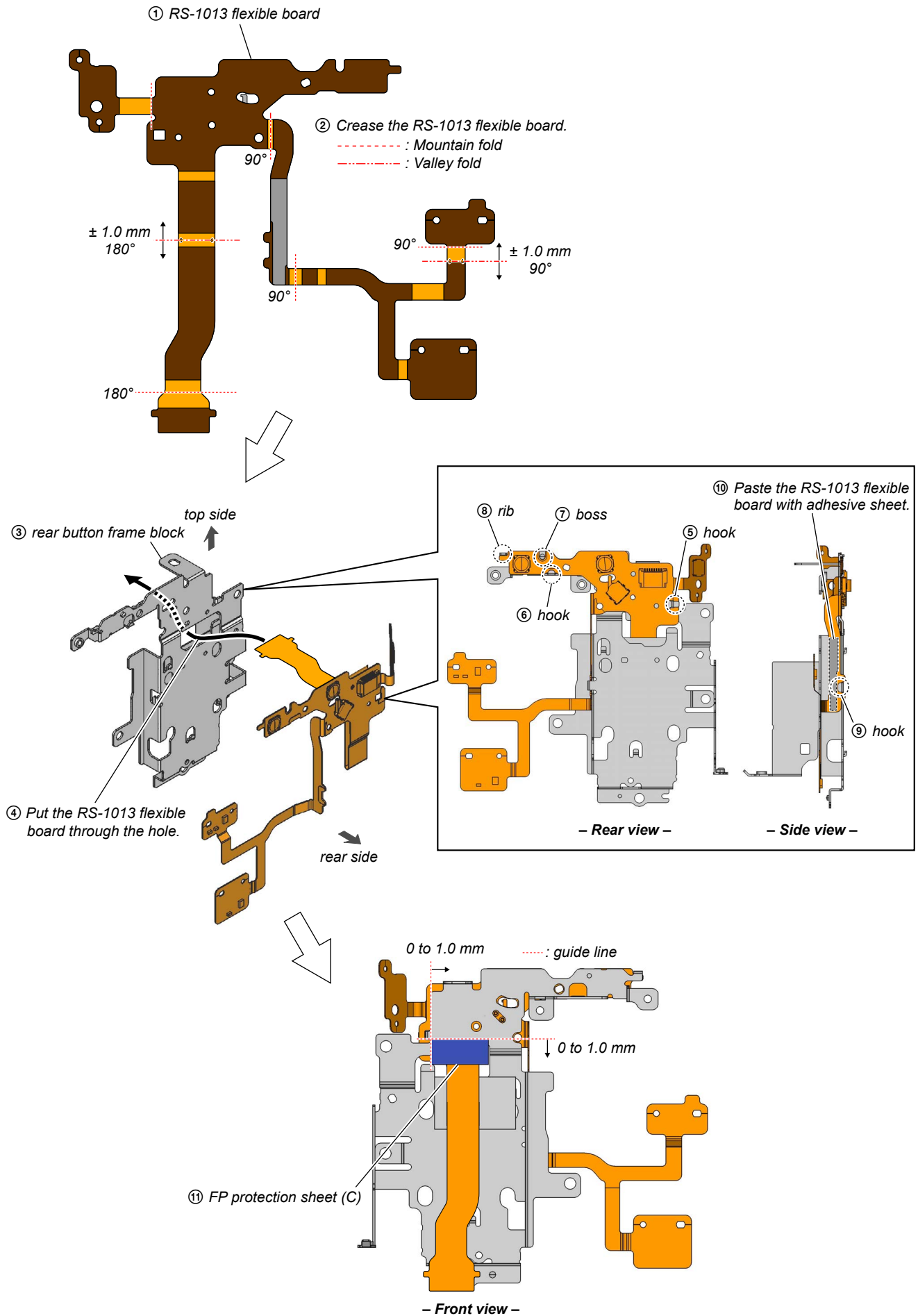
2-3-33. HINGE FPC COVER2 PLATE



2-3-34. HINGE FPC COVER1 PLATE

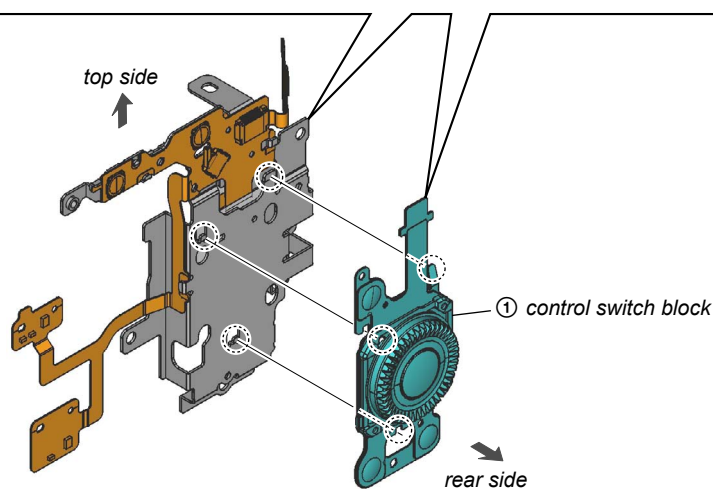
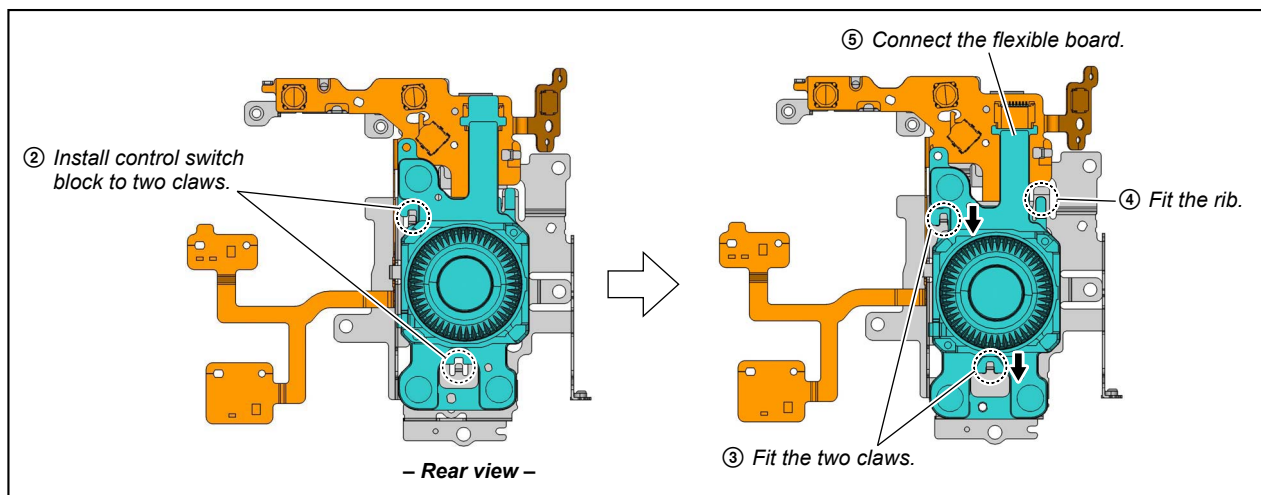


2-3-35. RS-1013 FLEXIBLE BOARD

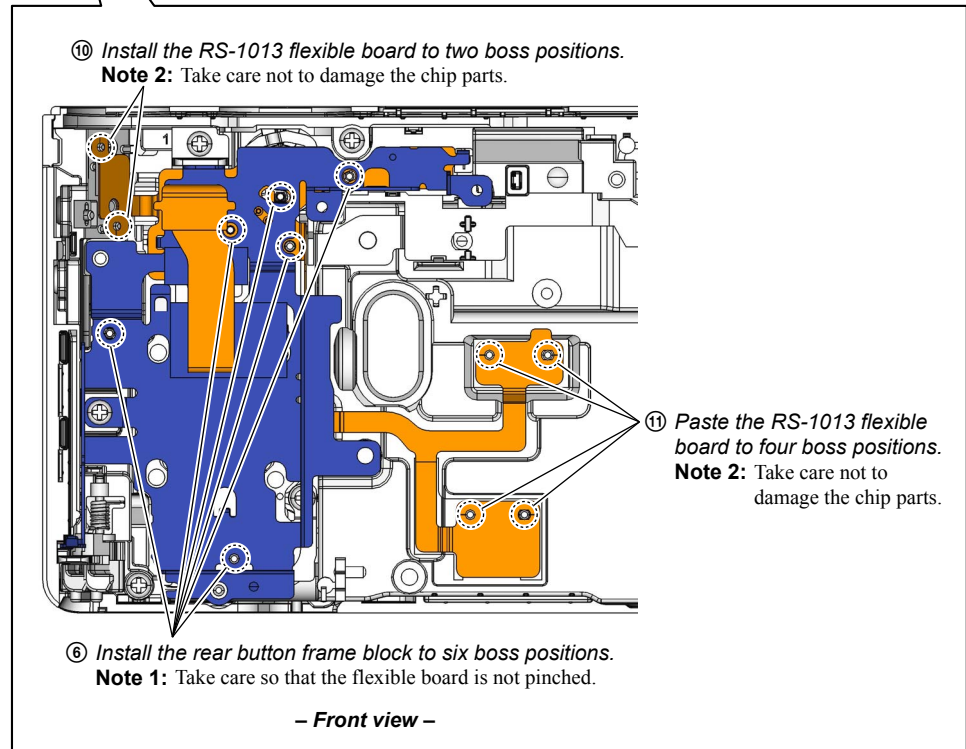
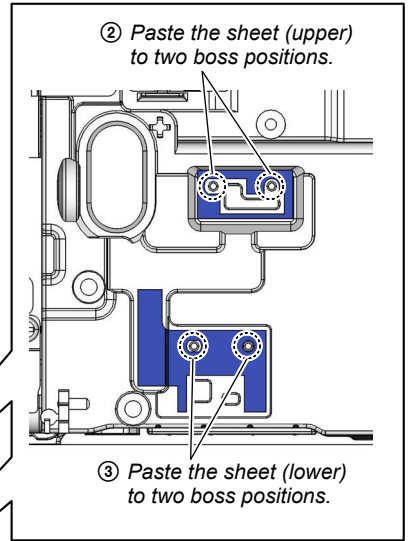
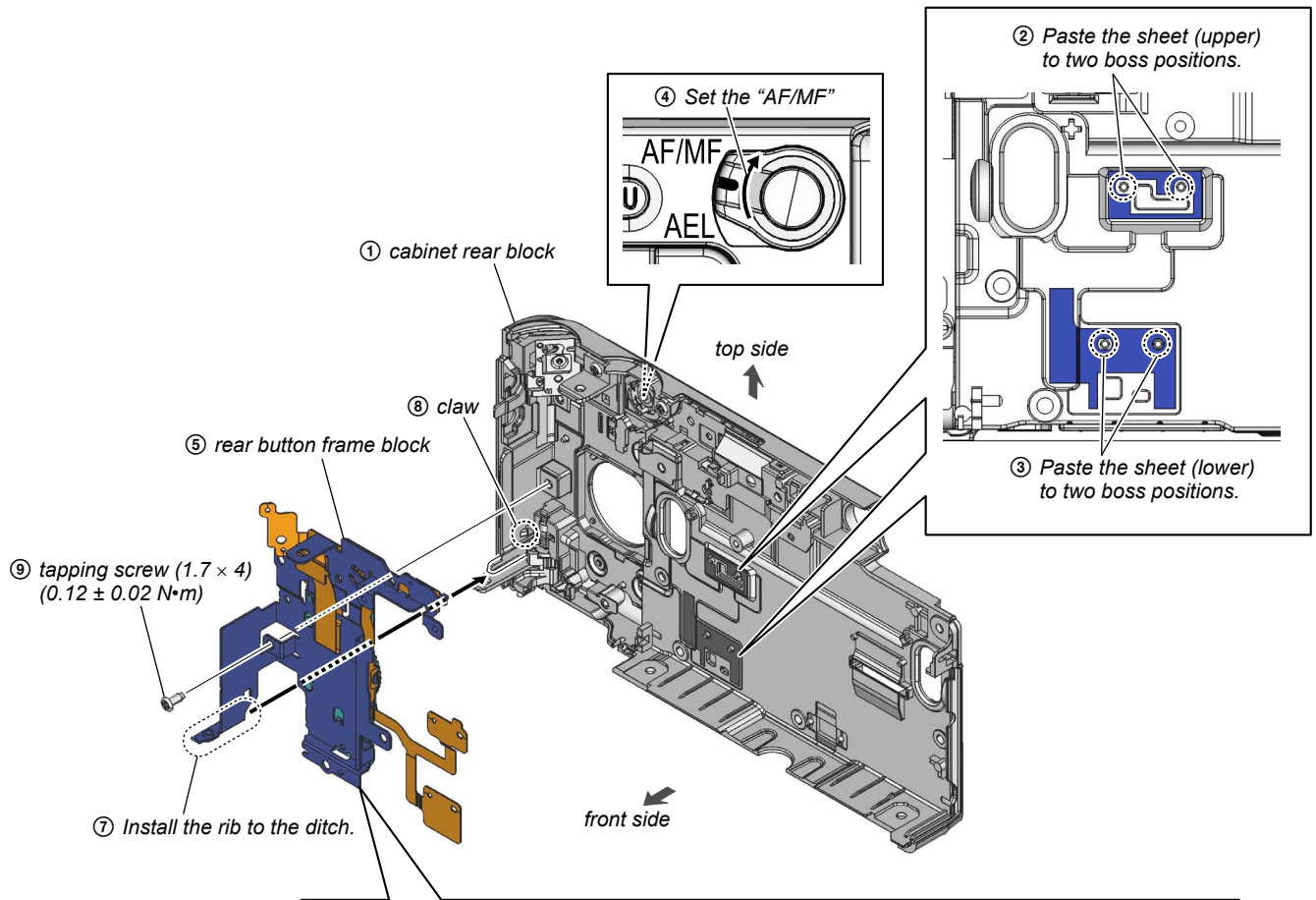


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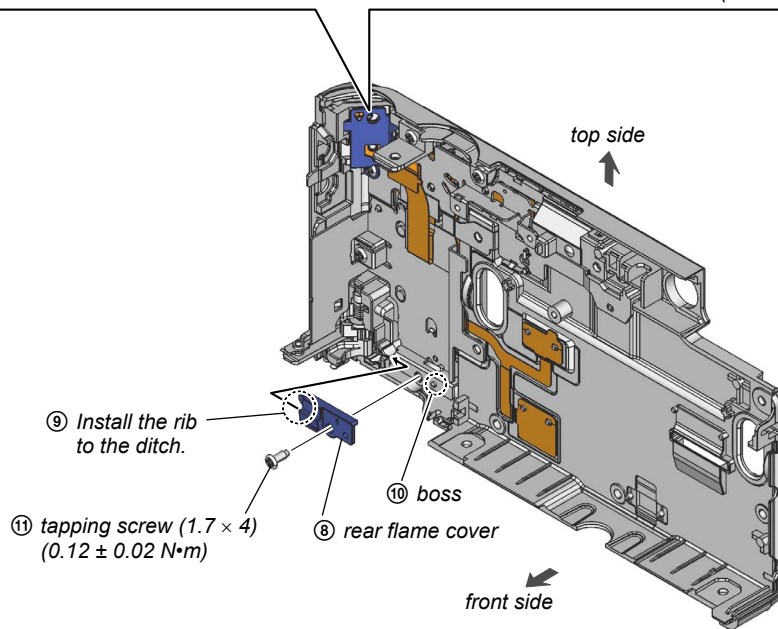
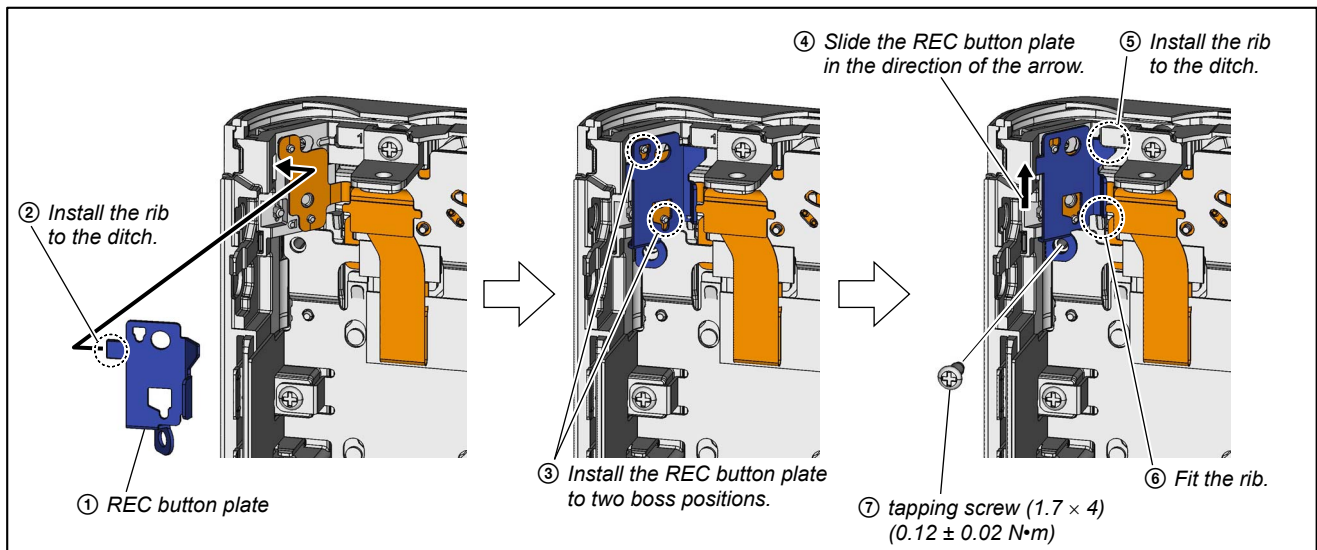
2-3-36. CONTROL SWITCH BLOCK



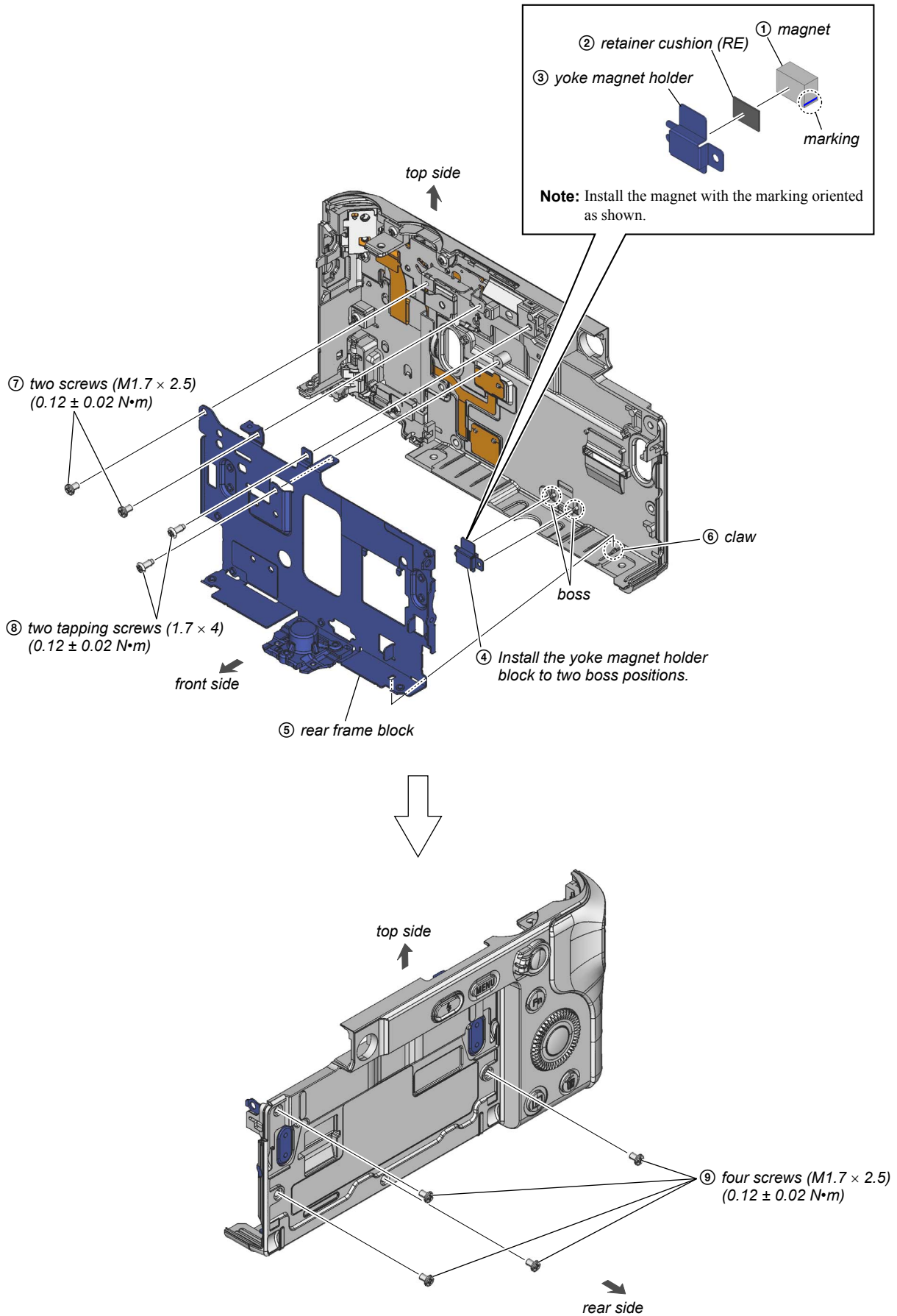
2-3-37. REAR BUTTON FRAME BLOCK



2-3-38. REC BUTTON PLATE

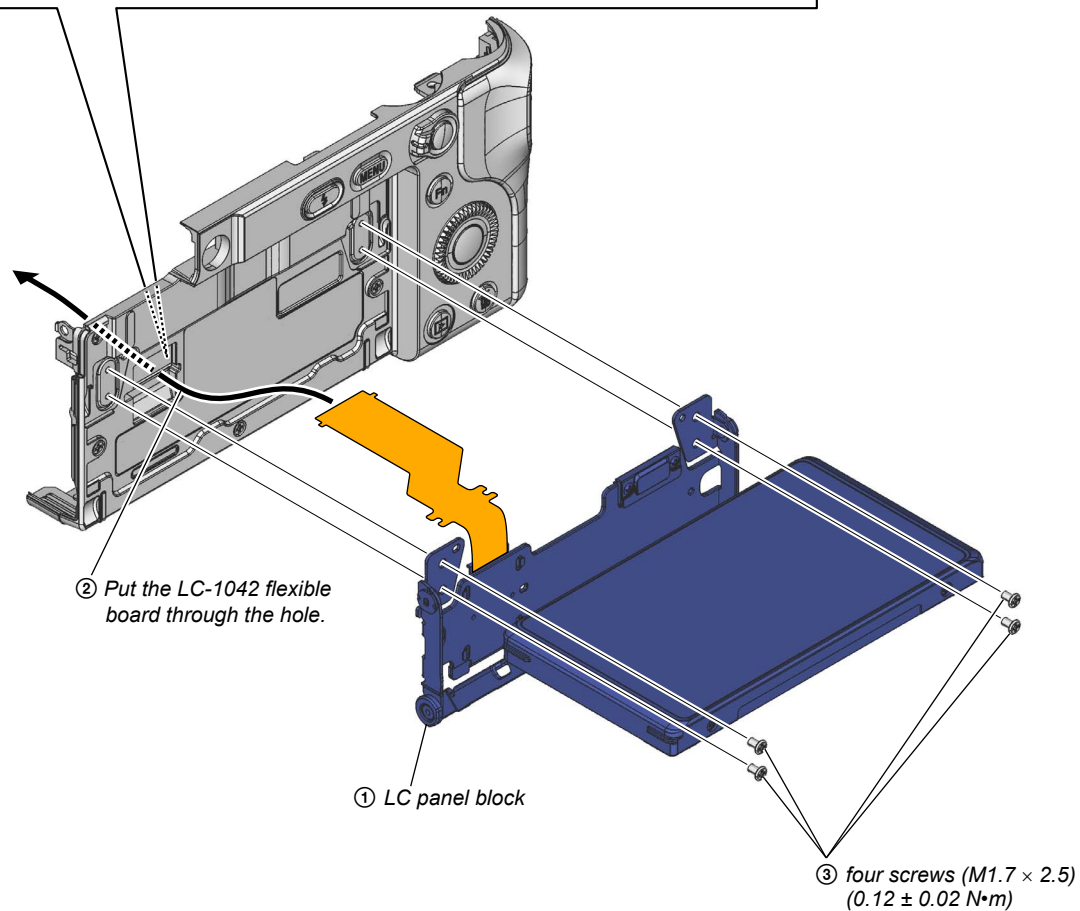
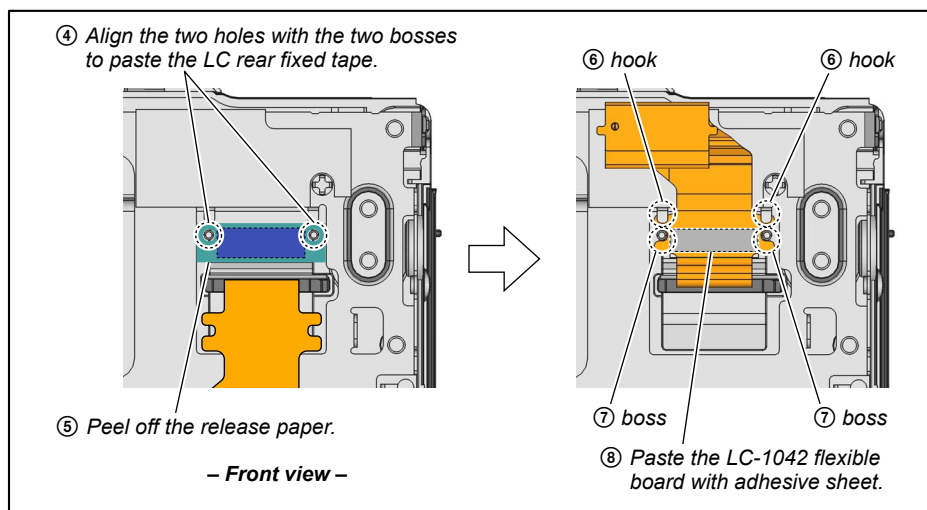


2-3-39. REAR FRAME BLOCK

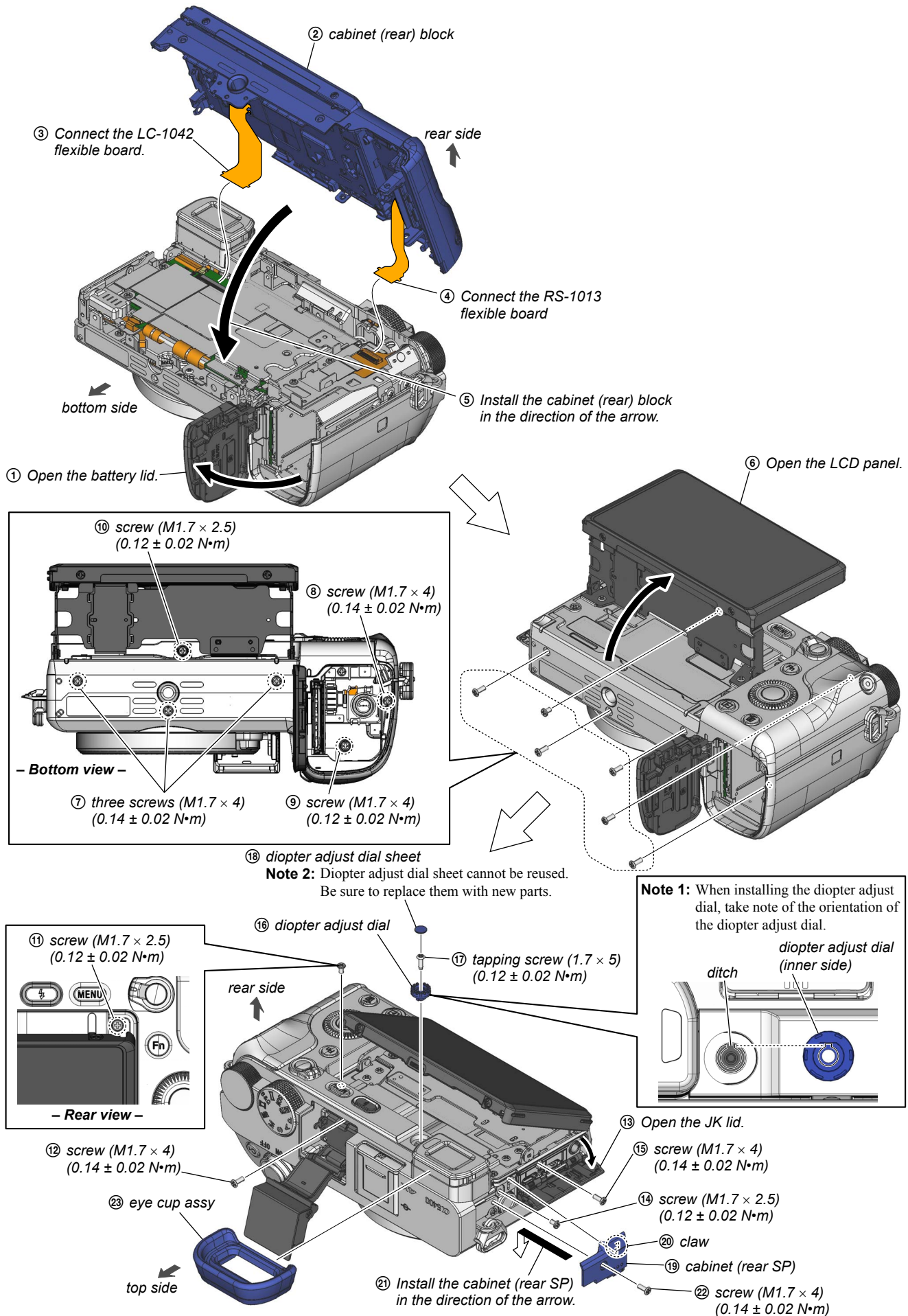


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2-3-40. LC PANEL BLOCK

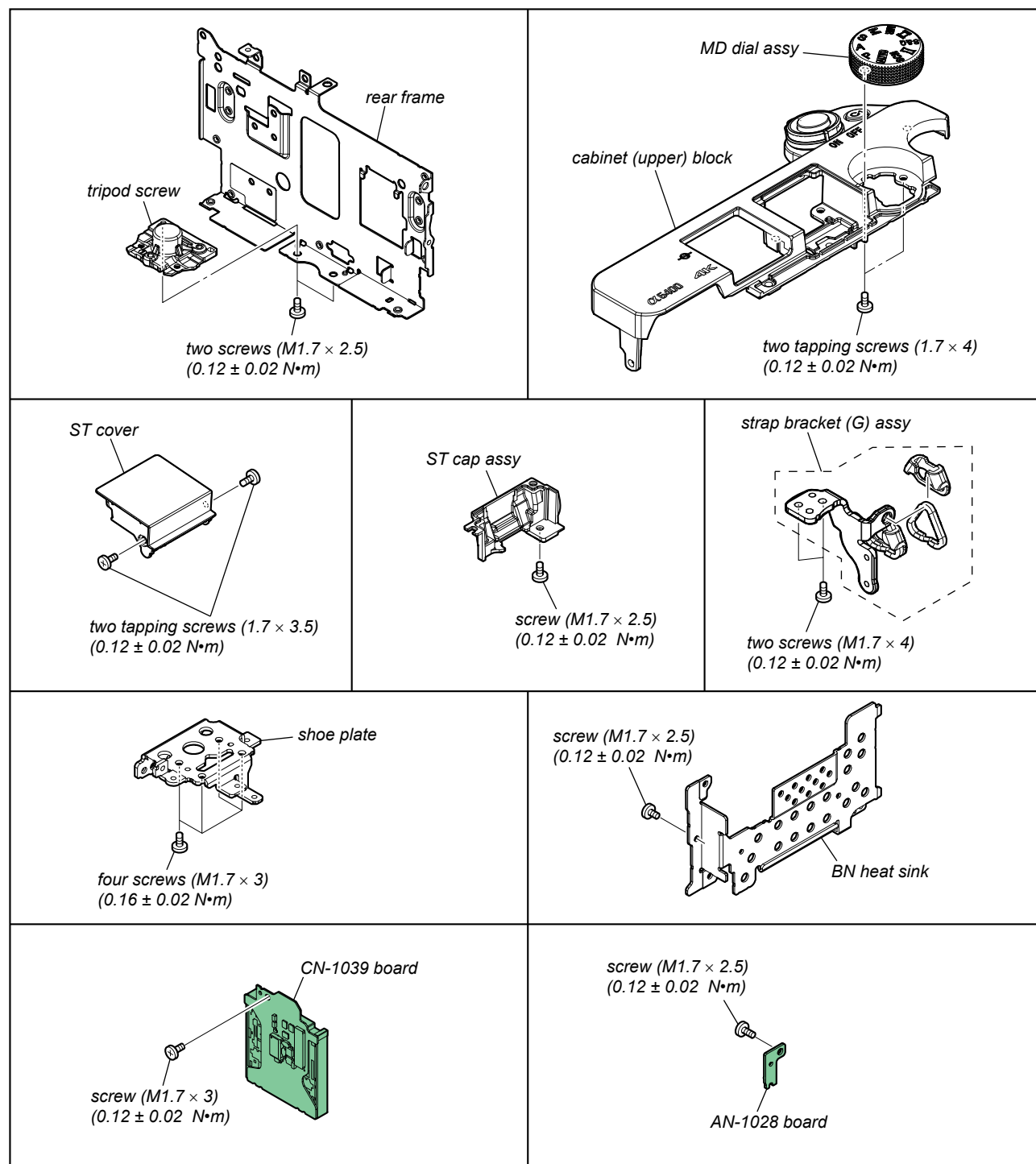


2-3-41. CABINET (REAR) BLOCK



2-4. TORQUE VALUE OF OTHER SCREWS

Tighten screws while referring to the torque values below for screws not indicated in “2-3. ASSEMBLY”.



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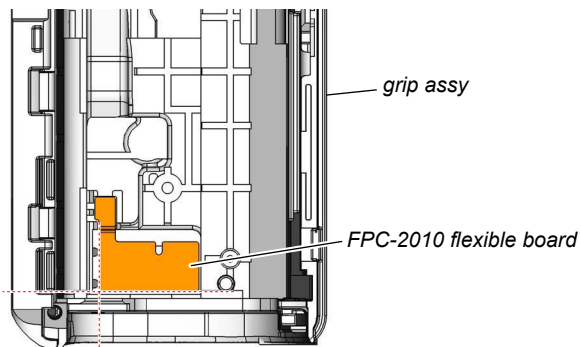
2-5. PASTING POSITION OF OTHER PARTS

Work while referring to the information below for pasting position not indicated in “2-3. ASSEMBLY”.

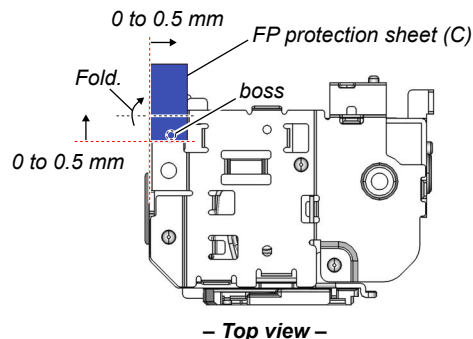
-----: guide line

• FPC-2010 flexible board

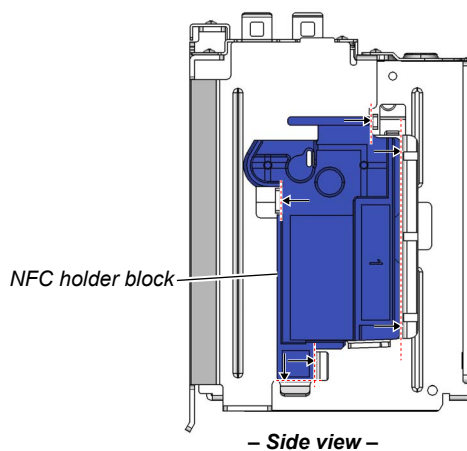
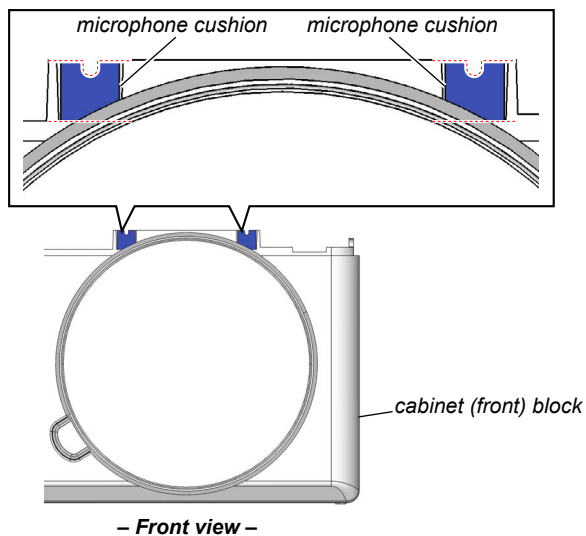
– Rear view –



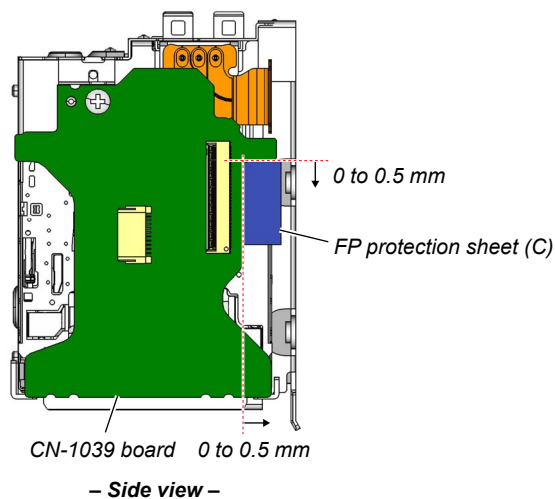
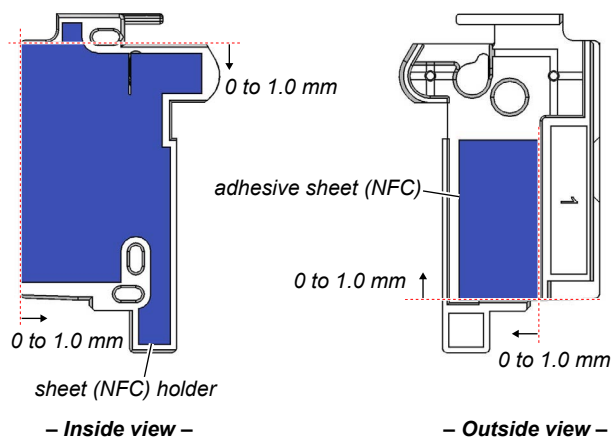
• BT frame assy



• microphone cushion



• NFC holder

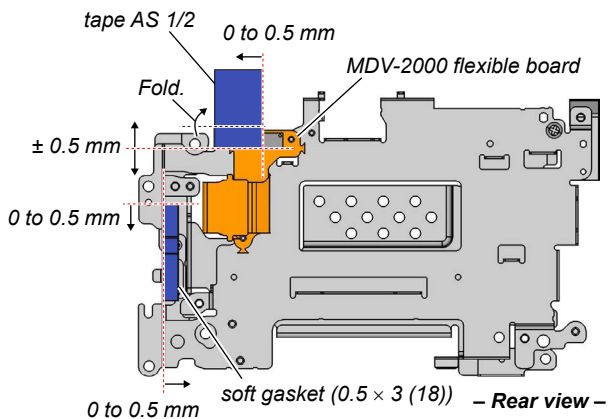
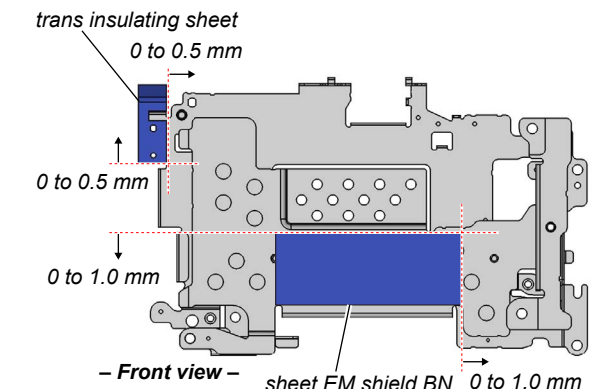


Continued on next page.

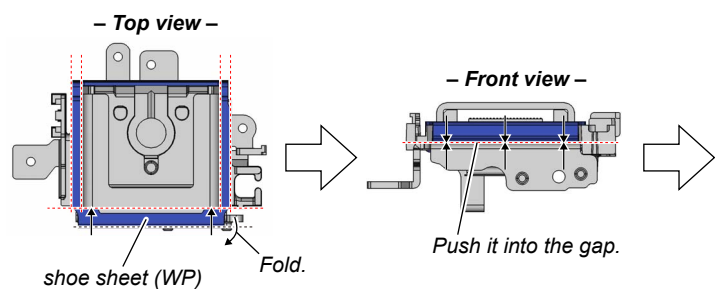
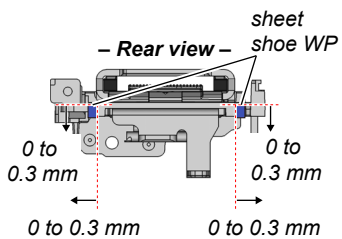
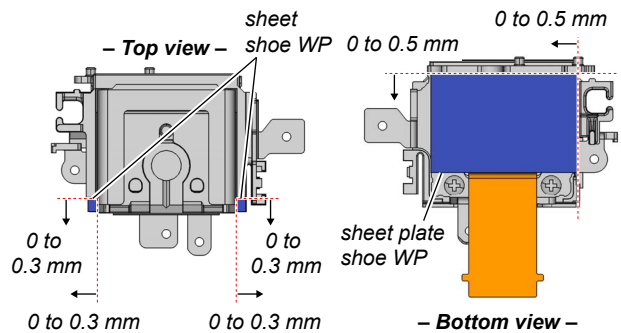
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.....: guide line

• SY base block

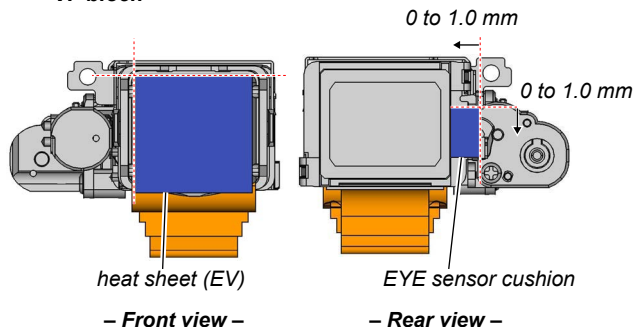


• shoe block assy

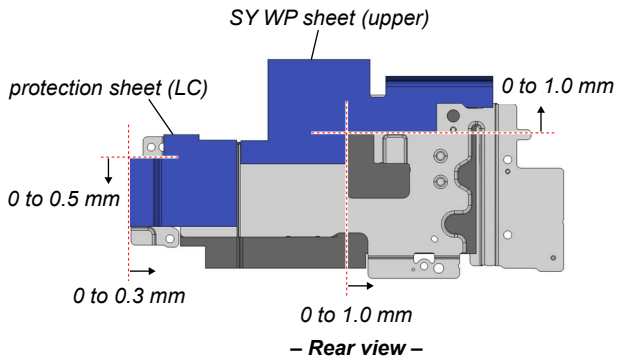
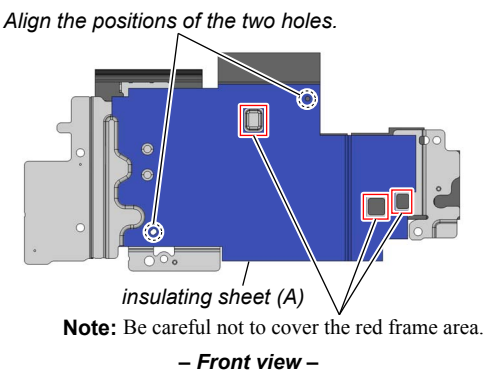


Note: Make sure there are no wrinkles or kinks in the shoe sheet (WP).

• VF block



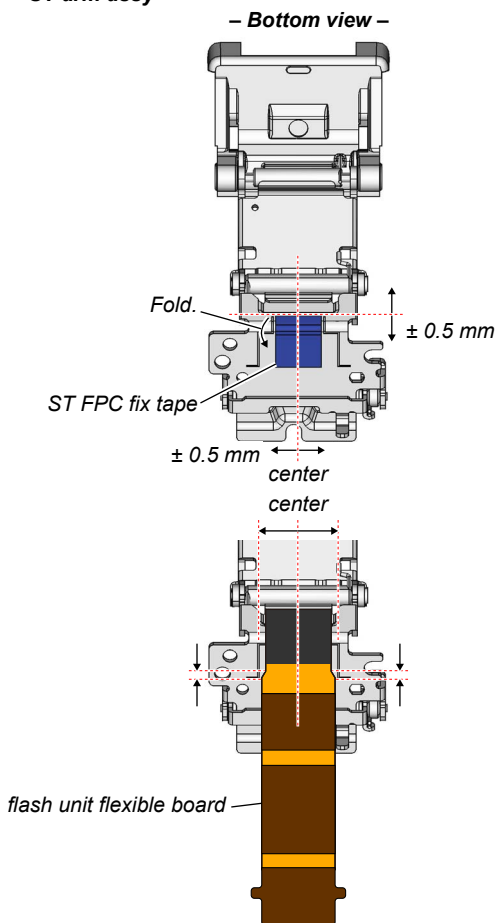
• SY heat sink



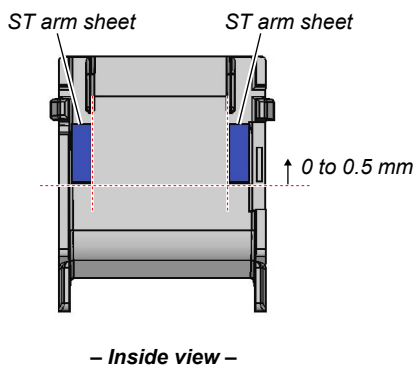
Sony CONFIDENTIAL
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..... : guide line

• ST arm assy

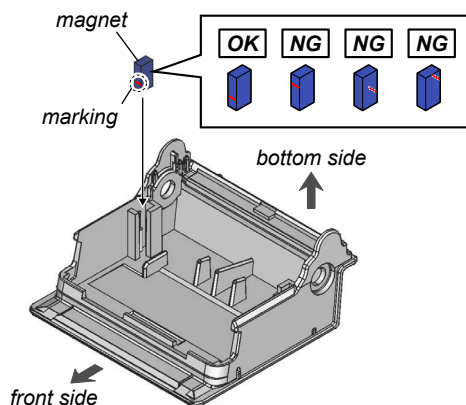


• ST arm cover

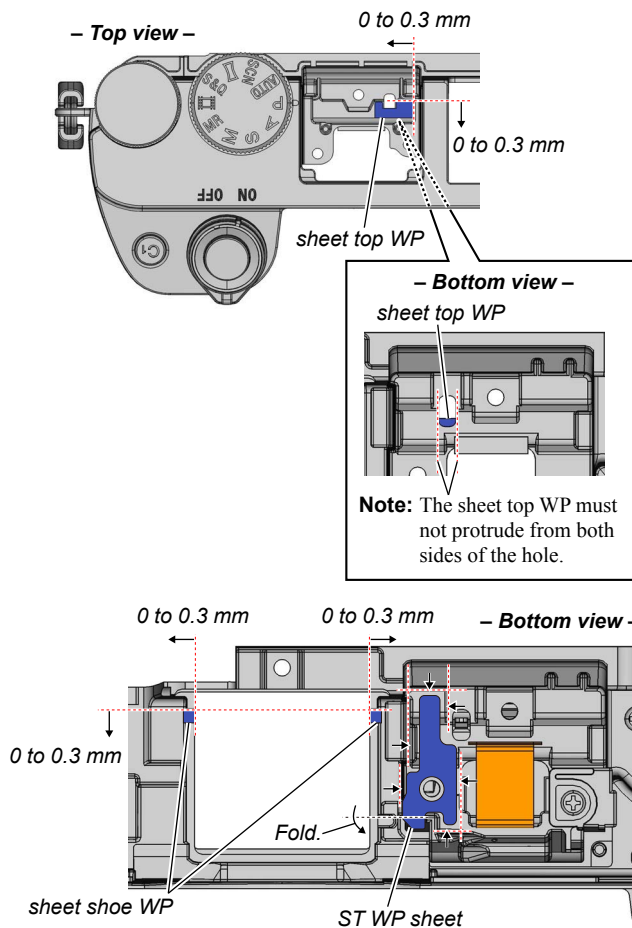


• ST cover

Note: Install the magnet with the marking oriented as shown below.



• cabinet (upper) block



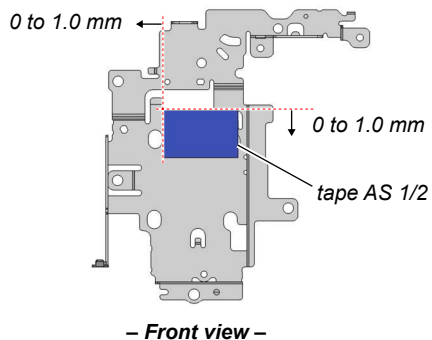
Note: The sheet top WP must not protrude from both sides of the hole.

Continued on next page.

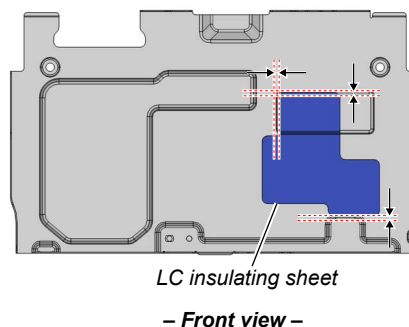
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.....: guide line

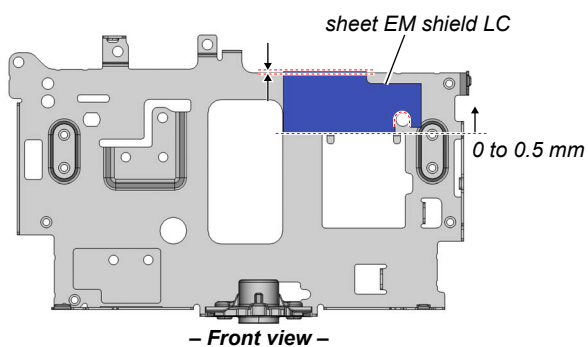
• rear button frame



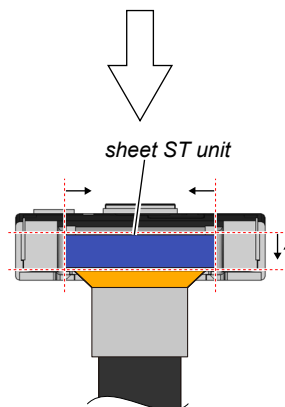
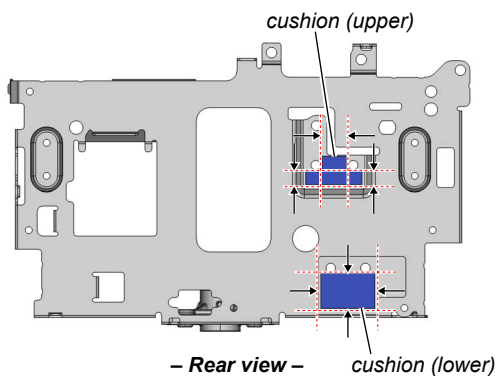
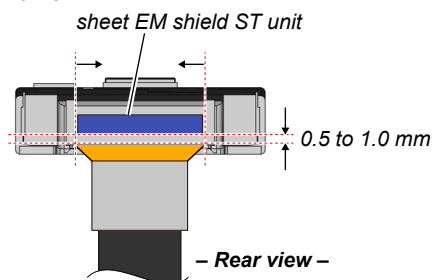
• LC cabinet rear assy



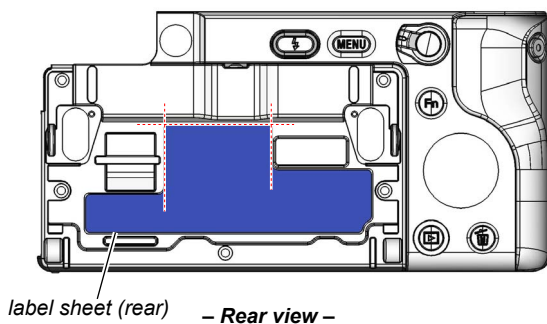
• rear frame



• flash unit



• cabinet rear assy

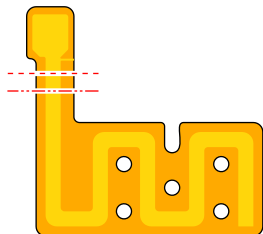


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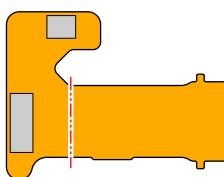
2-6. FLEXIBLE BOARD SETTING

----- : Mountain fold
- - - - - : Valley fold

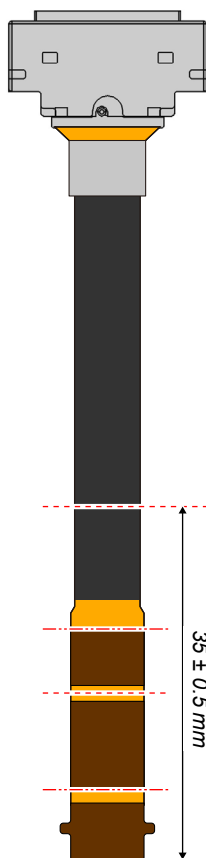
• FPC-2010 flexible board



• MDV-2000 flexible board



• flash unit



3. EXPLODED VIEWS

Note:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Color Indication of Appearance Parts
 Example:
 (SILVER) : Cabinet's Color
 (Silver) : Parts Color

The components identified by mark \triangle or dotted line with mark are critical for safety.
 Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.
 Ne les remplacer que par une pièce portant le numéro spécifié.

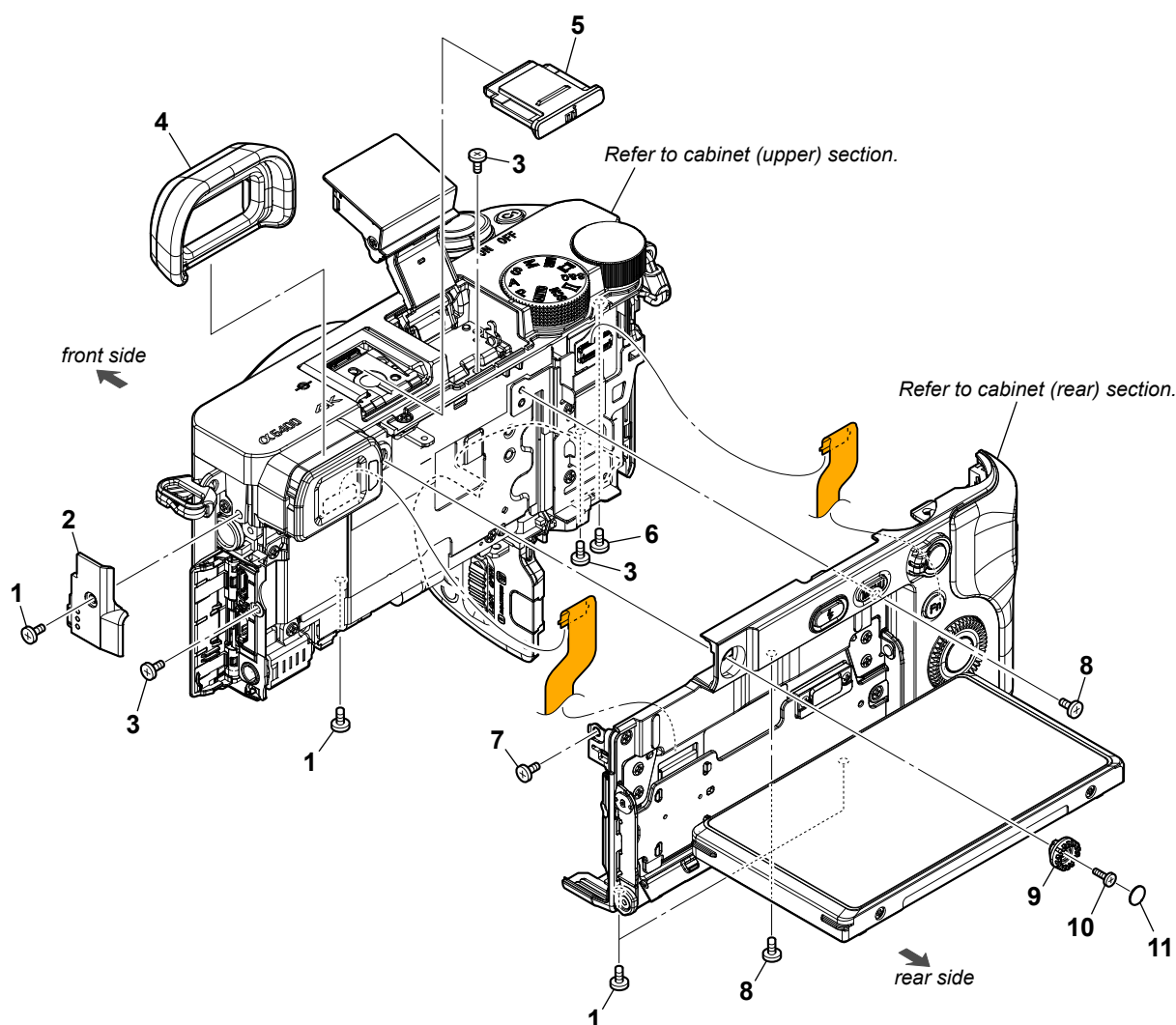
Caution

Danger of explosion if battery is incorrectly replaced.
 Replace only with the same or equivalent type.
 Dispose of used batteries according to the instructions.

注意

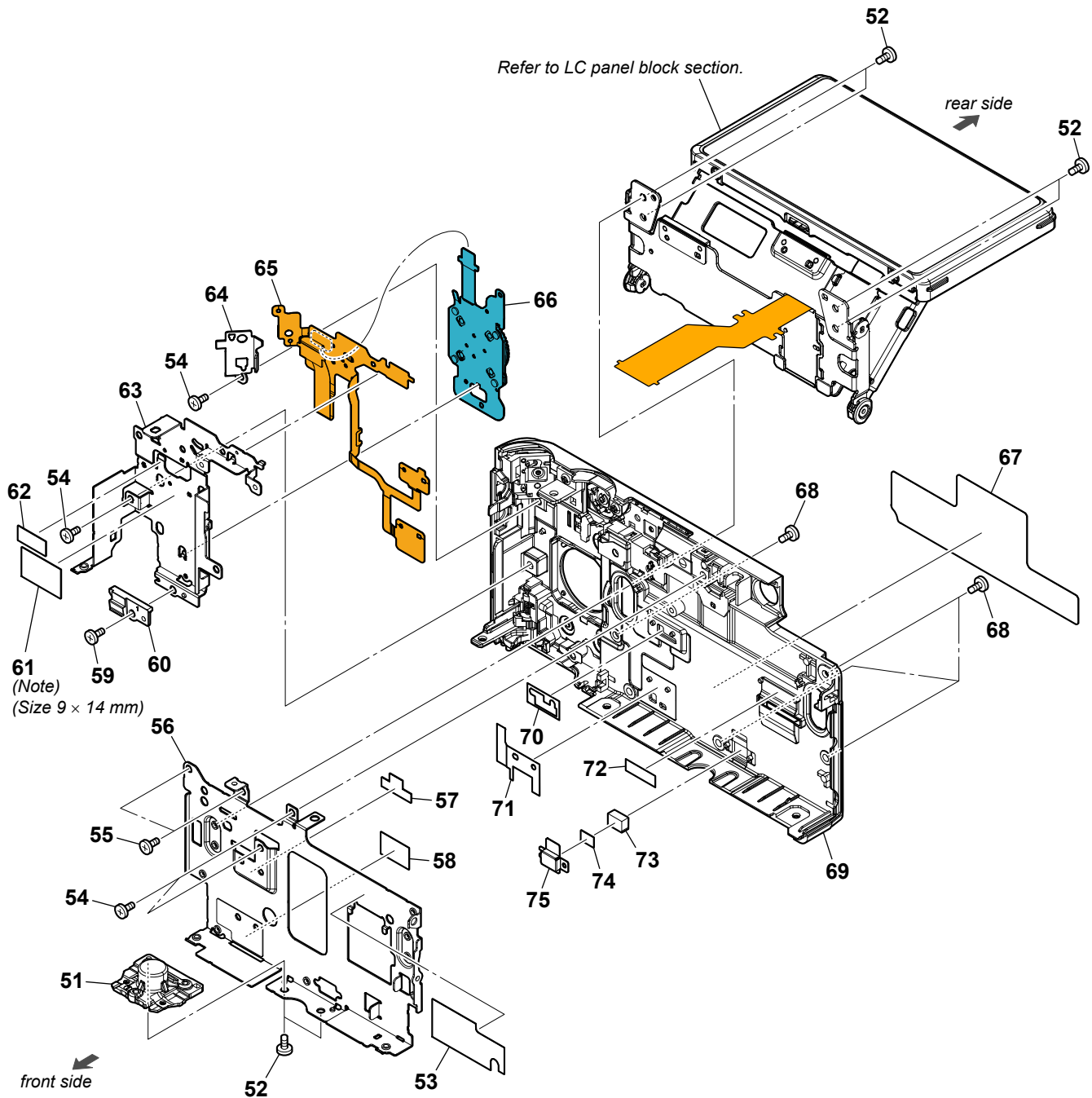
如果电池更换不当会有爆炸危险。
 只能用同样类型或等效类型的电池来更换。
 务必按照说明处置用完的电池。

3-1. OVERALL SECTION



Ref. No.	Part No.	Description
1	259947531	SCREW (M1.7) (L = 4.0 mm) (SILVER)
1	327048301	GRIP, (M1.7 X 4.0) (2 MAIN EG) (BLACK)
2	474502901	CABINET (REAR SP) (62600) (BLACK)
2	474502911	CABINET (REAR SP) (62600) (SILVER)
3	327048301	GRIP, (M1.7 X 4.0) (2 MAIN EG)
4	X25937731	EYE CUP ASSY (79700) (Accessories)
5	443873403	SHOE CAP (875) (BLACK)
5	443873431	SHOE CAP (875) (SILVER)

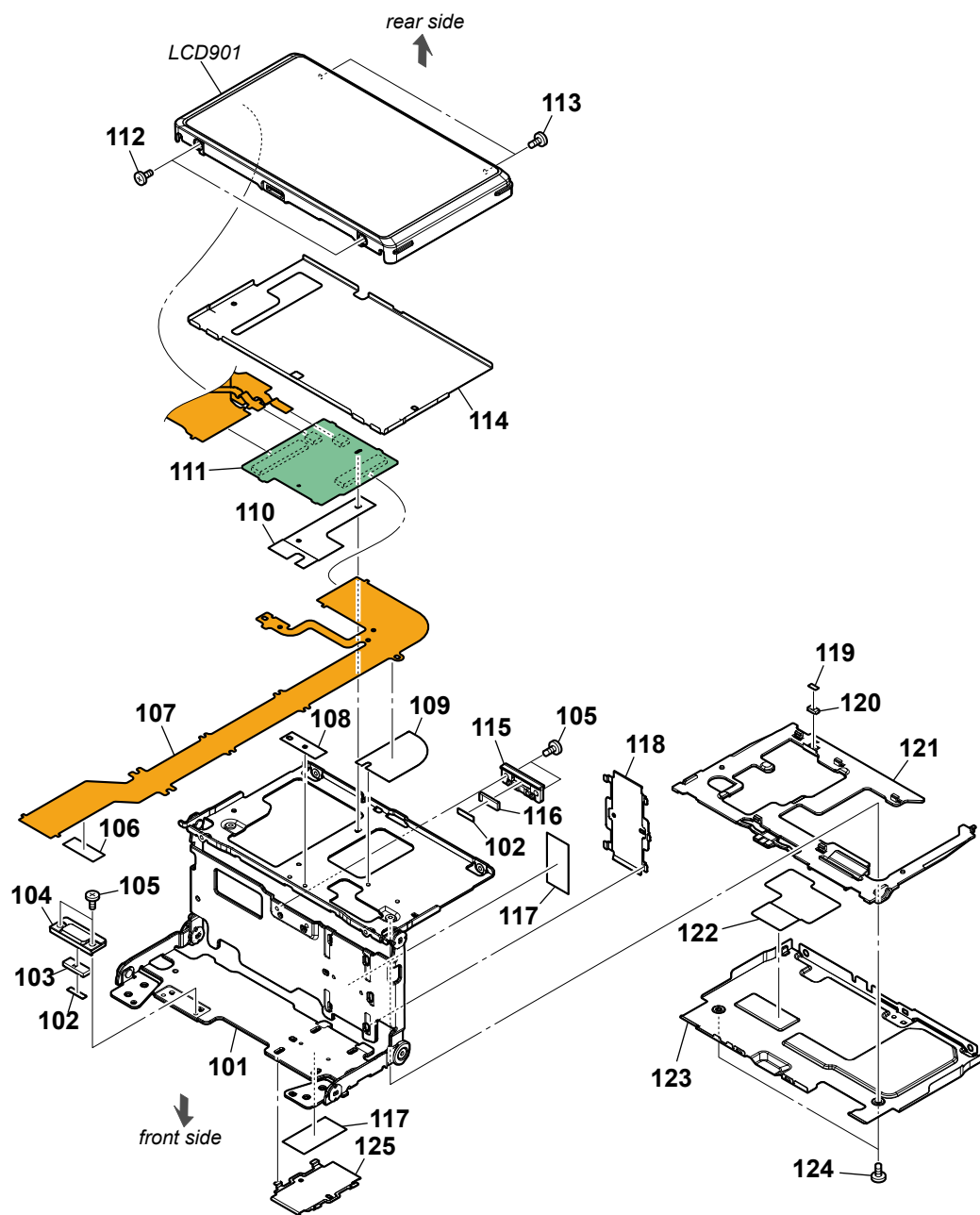
Ref. No.	Part No.	Description
6	259947531	SCREW (M1.7) (L = 4.0 mm)
7	263556211	SCREW (M1.7) (L = 2.5 mm)
8	259947511	SCREW (M1.7) (L = 2.5 mm) (SILVER)
8	444694931	SCREW (M1.7) (L = 2.5 mm) (BLACK)
9	453064502	DIOPTER ADJUST DIAL (775)
10	430011521	TAPPING (1.7) (CH) (L = 5.0 mm)
11	453172101	DIOPTER ADJUST DIAL SHEET (775)

3-2. CABINET (REAR) SECTION


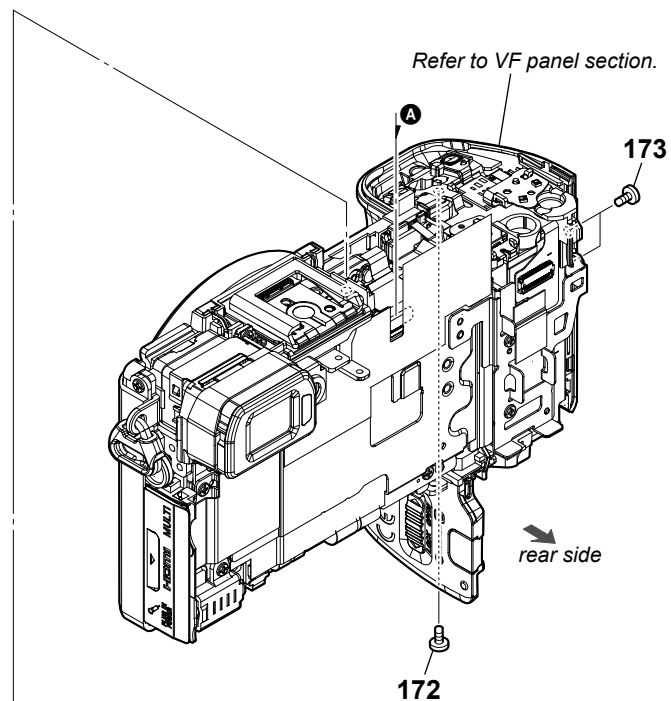
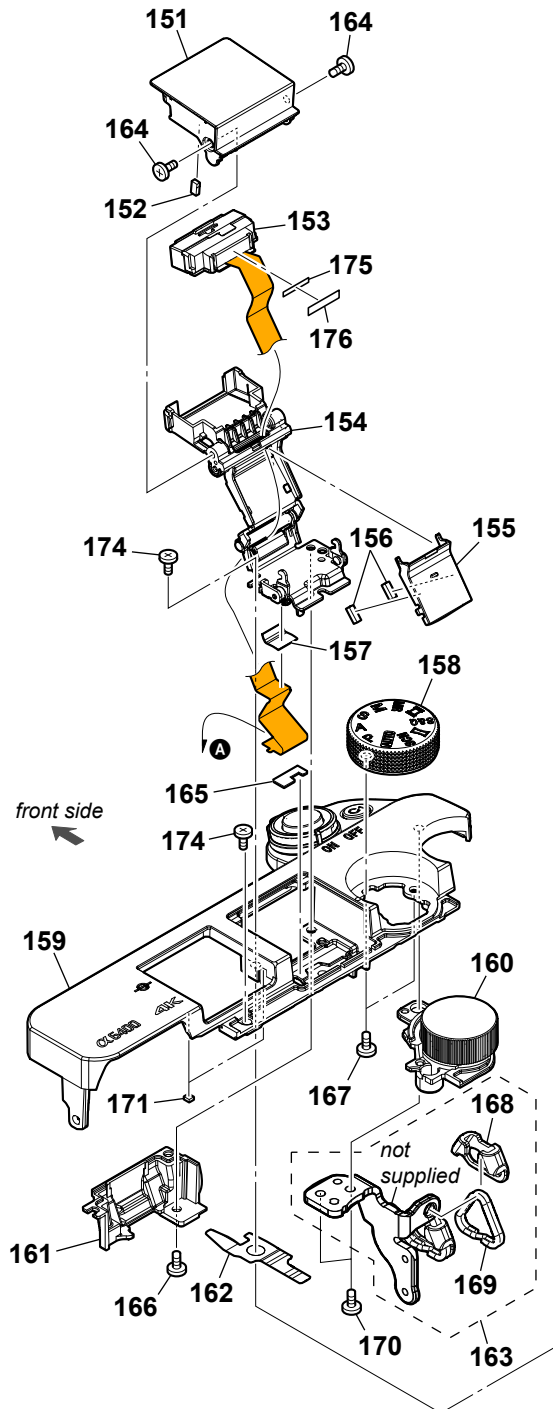
Note: When replacing Ref. No. 61, cut the new part to the specific size indicated in the figure before use.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
51	457484001	SCREW (79160), TRIPOD	66	149259231	SWITCH BLOCK, CONTROL (BK79700) (BLACK)
52	444694931	SCREW (M1.7) (L = 2.5 mm)	66	149259242	SWITCH BLOCK, CONTROL (SL79700) (SILVER)
53	500068501	SHEET EM SHIELD LC (62600)	67	474667801	SHEET (62600), (REAR) LABEL
54	430011311	TAPPING (1.7) (CH) (L = 4.0 mm)	68	259947511	SCREW (M1.7) (L = 2.5 mm) (SILVER)
55	263556211	SCREW (M1.7) (L = 2.5 mm)	68	444694931	SCREW (M1.7) (L = 2.5 mm) (BLACK)
56	474504001	FRAME (62600), REAR	69	X25976941	CABINET REAR ASSY (62600) (BK) (BLACK)
57	474668101	CUSHION (UPPER (62600))	69	X25976951	CABINET REAR ASSY (62600) (SI) (SILVER)
58	474668201	CUSHION (LOWER (62600))	70	474667901	SHEET (UPPER (62600))
59	430011511	TAPPING (1.7) (CH) (L = 4.0 mm)	71	474668001	SHEET (LOWER (62600))
60	474503801	COVER (62600), REAR FLAME	72	474708701	TAPE (62600), LC REAR FIXED
61	444601401	TAPE AS (2040) (Note)	73	147150411	MAGNET
62	469210501	SHEET (C (799)), FP PROTECTION	74	474666201	CUSHION (RE (62600)), RETAINER
63	474504101	FRAME (62600), REAR BUTTON	75	474519701	HOLDER (62600), YOKE MAGNET
64	474505501	PLATE (62600), REC BUTTON			
65	A2225904A	RS-1013 FLEXIBLE BOARD, COMPLETE			

3-3. LC PANEL BLOCK SECTION



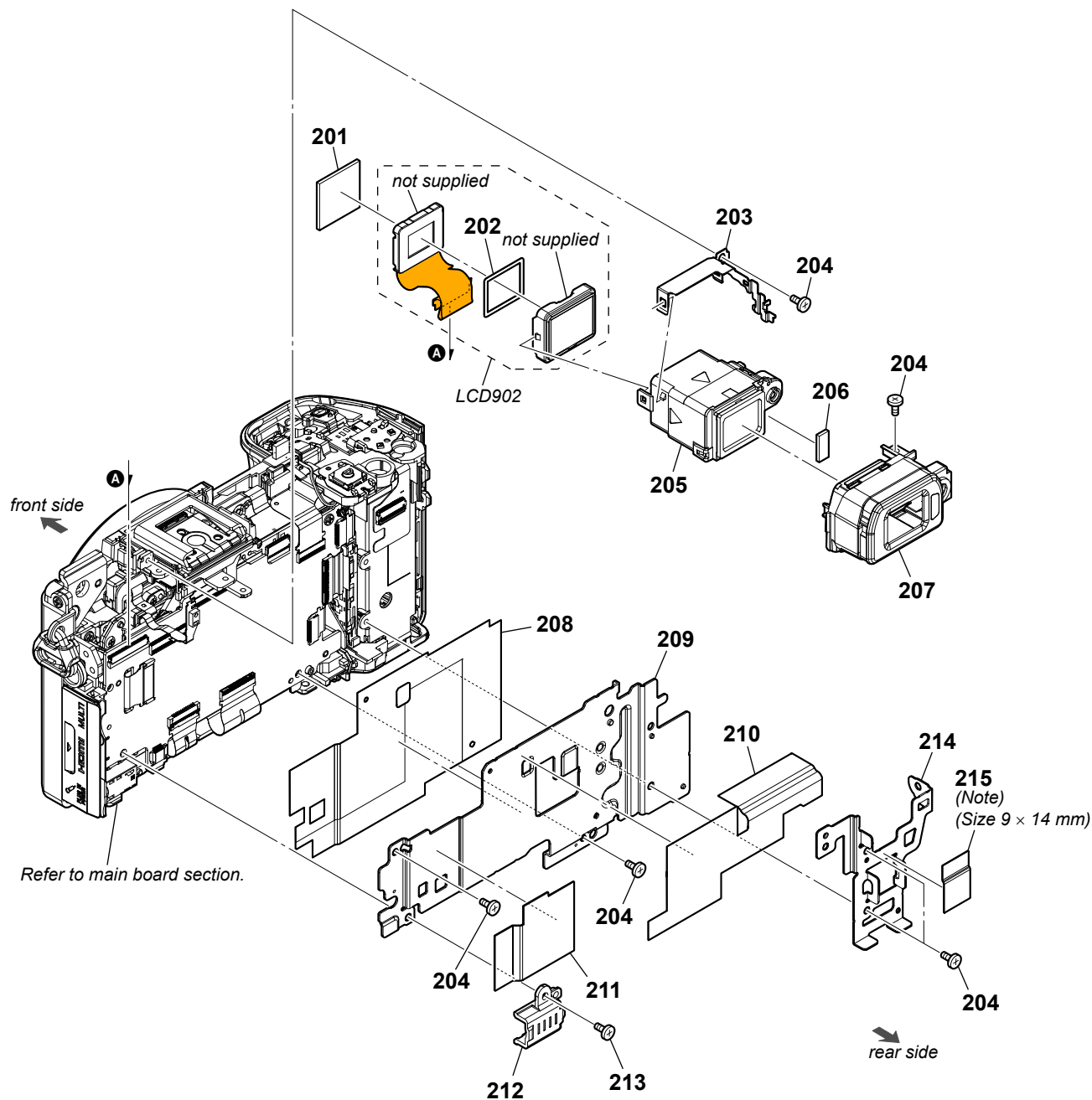
Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
101	X25977011	LC HINGE ASSY (626)	114	474666501	LC FPC PROTECTION SHEET (626)
102	474666001	CUSHION (HG (62600)), RETAINER	115	474503501	HOLDER (62600), LC MAGNET2
103	147154931	MAGNET (ND7.9X2.9X1.2)	116	147167812	MAGNET
104	474503401	HOLDER (62600), LC MAGNET1	117	474665701	TAPE (62600), FPC HINGE FIXED
105	441276961	SCREW (M1.4), NEW TRU-STAR, P2 (L = 2.0 mm)	118	474504801	PLATE (62600), HINGE FPC COVER2
106	500086901	SHEET EM SHIELD LC FPC (62600)	119	474666101	CUSHION (LC (62600)), RETAINER
107	A2225905A	LC-1042 FLEXIBLE BOARD, COMPLETE	120	147174812	MAGNET
108	474665901	TAPE (62600), MR SENSOR FIXED	121	474503201	LC INNER (62600)
109	474665801	TAPE (62600), FPC CASE FIXED	122	474666601	INSULATING SHEET (62600), LC
110	474666301	TAPE (62600), LC PC BOARD FIXED	123	X25977121	LC CABINET REAR ASSY (62600)
111	A2225901A	LC-1045 BOARD, COMPLETE	124	428743511	SCREW (M1.4 EUROPE) TYPE (L = 1.4 mm)
112	308625101	SCREW, SPECIAL (L = 1.4 mm) (SILVER)	125	474504701	PLATE (62600), HINGE FPC COVER1
112	428743511	SCREW (M1.4 EUROPE) TYPE (L = 1.4 mm) (BLACK)	LCD901	A5001637A	LCD BLOCK ASSY (BK) SERVICE (BLACK)
113	265557901	SCREW 0+P2 M1.4 NEWTRU-STAR (L = 2.0 mm) (SILVER)	LCD901	A5001639A	LCD BLOCK ASSY (SI) SERVICE (SILVER)
113	441276961	SCREW (M1.4), NEW TRU-STAR, P2 (L = 2.0 mm) (BLACK)			

3-4. CABINET (UPPER) SECTION


Ref. No.	Part No.	Description
151	457483501	COVER (79160), ST (BLACK)
151	457483511	COVER (79160), ST (SILVER)
152	147174812	MAGNET
△ 153	149055014	FLASH UNIT
154	X25892151	ST ARM ASSY (775)
155	453064901	ST ARM COVER (775)
156	453592701	ST ARM SHEET (75)
157	453312101	ST FPC FIX TAPE (775)
158	X25977421	DIAL ASSY (62600) (BK), MD (BLACK)
158	X25977431	DIAL ASSY (62600) (SI), MD (SILVER)
159	A5001638A	CAB (UP) B-ASSY (626) (BK) SERVICE (BLACK)
159	A5001640A	CAB (UP) B-ASSY (626) (SI) SERVICE (SILVER)
160	X25918092	DIAL ASSY (79160) (BK), CONT (BLACK)
160	X25918102	DIAL ASSY (79160) (SI), CONT (SILVER)
161	X25918121	CAP ASSY, ST
162	459184401	SHEET (79160), ST WP

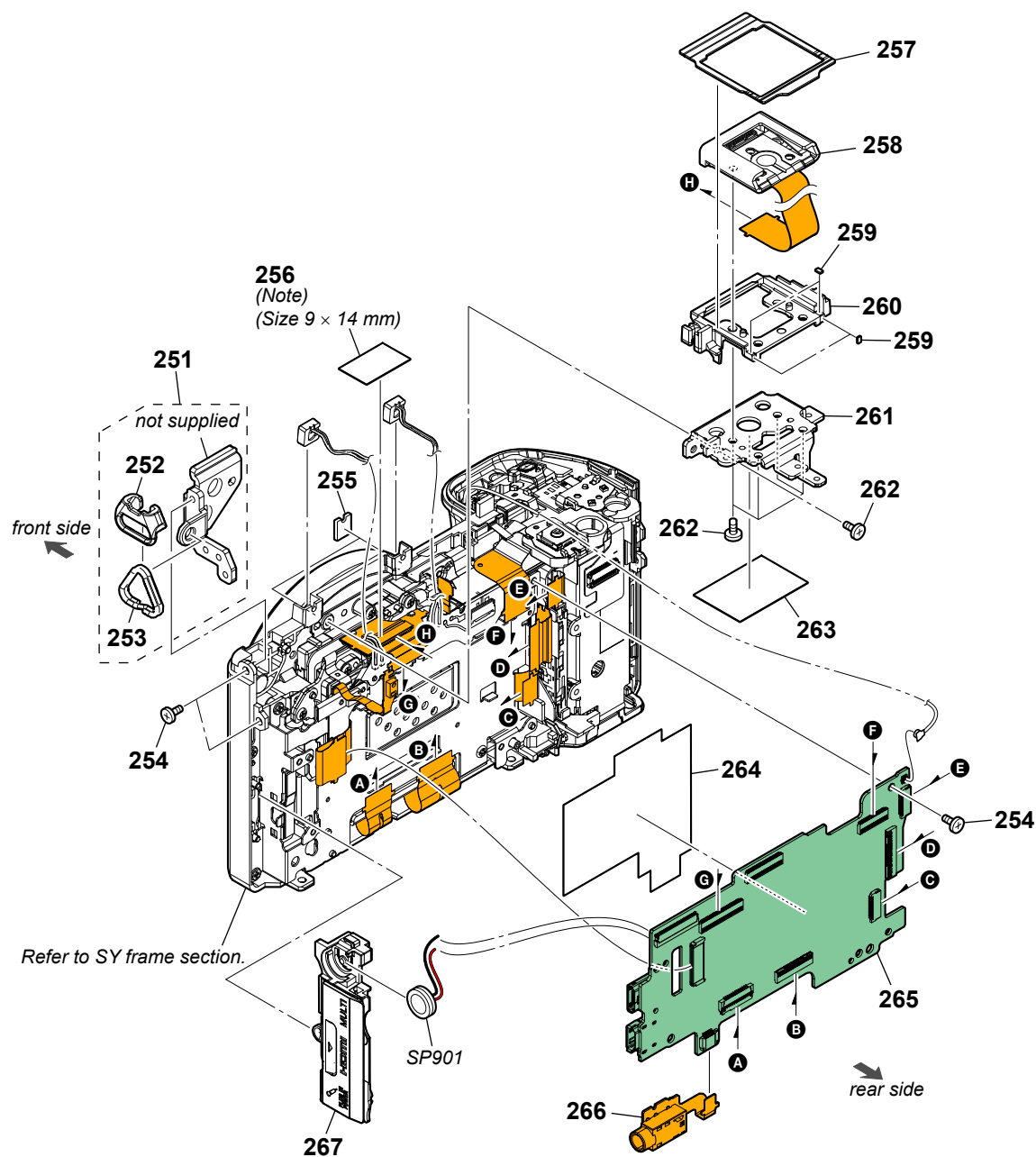
Ref. No.	Part No.	Description
163	X25918111	BRACKET (G) ASSY (79160), STRAP
164	430011301	TAPPING (1.7) (CH) (L = 3.5 mm) (SILVER)
164	430011501	TAPPING (1.7) (CH) (L = 3.5 mm) (BLACK)
165	500068201	SHEET TOP WP (62600)
166	263556211	SCREW (M1.7) (L = 2.5 mm)
167	430011311	TAPPING (1.7) (CH) (L = 4.0 mm)
168	448787501	HOLDER, EYELET TRIANGLE (779)
169	453170302	EYELET TRIANGLE (775)
170	263556271	SCREW (M1.7) (L = 4.0 mm)
171	500068301	SHEET SHOE WP (62600)
172	259947531	SCREW (M1.7) (L = 4.0 mm)
173	251548321	SCREW (M1.7), LOCK ACE, P2 (L = 3.0 mm)
174	327048301	GRIP, (M1.7 X 4.0) (2 MAIN EG)
175	500519001	SHEET EM SHIELD ST UNIT (62600)
176	500521301	SHEET ST UNIT (62600)

3-5. VF PANEL SECTION



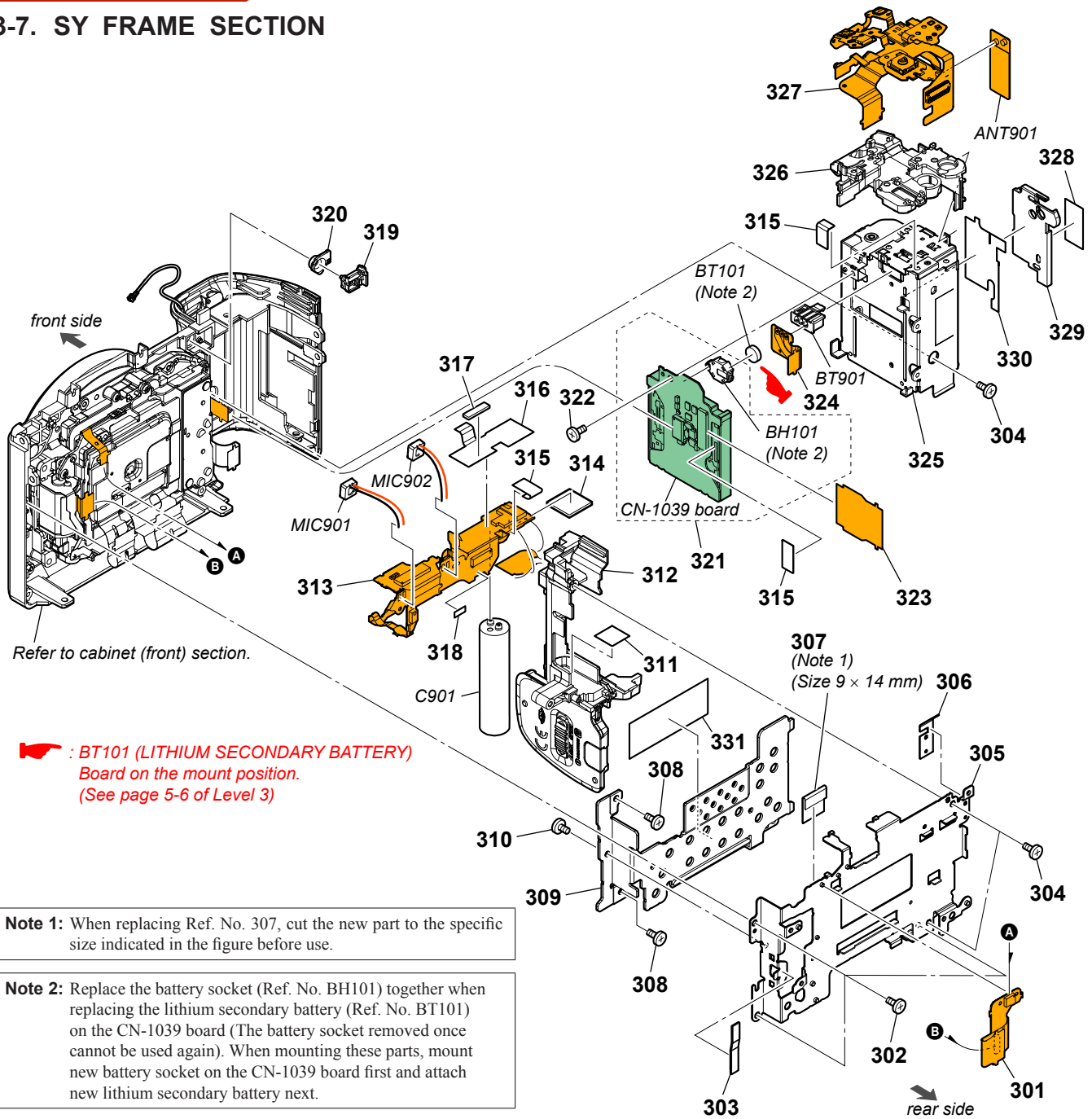
Note: When replacing Ref. No. 215, cut the new part to the specific size indicated in the figure before use.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
201	469322001	SHEET (EV (79700)), HEAT	210	474667301	SHEET (UPPER (62600)), SY WP
202	459769801	VF PANEL ADHESIVE SHEET	211	474666801	SHEET (LC) (62600), PROTECTION
203	453065002	VF FRAME (775)	212	474502801	HOLDER (62600), MIC JACK
204	263556211	SCREW (M1.7) (L = 2.5 mm)	213	263556271	SCREW (M1.7) (L = 4.0 mm)
205	X25937202	VF UNIT ASSY EP3N	214	474504401	PLATE (62600), STATIC (F-SY)
206	453066501	EYE SENSOR CUSHION (775)	215	444601401	TAPE AS (2040) (Note)
207	X25977261	COVER ASSY (62600), FINDER			
208	474666701	INSULATING SHEET (A) (62600)	LCD902	A2165562A	VF PANEL ASSY EP3N
209	474504301	HEAT SINK (62600), SY			

3-6. MAIN BOARD SECTION


Note: When replacing Ref. No. 256, cut the new part to the specific size indicated in the figure before use.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
251	X25918011	BRACKET (L) ASSY (79160), STRAP	260	457481801	SPACER (79160), SHOE
252	448787501	HOLDER, EYELET TRIANGLE (779)	261	474504601	PLATE (62600), SHOE
253	453170302	EYELET TRIANGLE (775)	262	251548321	SCREW (M1.7), LOCK ACE, P2 (L = 3.0 mm)
254	263556211	SCREW (M1.7) (L = 2.5 mm)	263	500068101	SHEET PLATE SHOE WP (62600)
255	457479201	CUSHION (79160), MICROPHONE	264	474667201	INSULATING SHEET BN (62600)
256	444601401	TAPE AS (2040) (Note)	265	A5001624A	SY-1094 BOARD, COMPLETE (SERVICE)
257	457481901	SHEET (79160), SHOE (WP)	266	A2225902A	JK-1024 FLEXIBLE BOARD, COMPLETE
258	A2092366A	MIS-2003 FLEXIBLE BOARD, COMPLETE (BLACK)	267	X25976991	JK BASE ASSY (626) (BK) (BLACK)
258	A2117193A	MIS-2003 FLEXIBLE BOARD, COMPLETE (SILVER)	267	X25977001	JK BASE ASSY (62600) (SI) (SILVER)
259	500068301	SHEET SHOE WP (62600)	SP901	185890461	LOUD SPEAKER (0.8 cm)

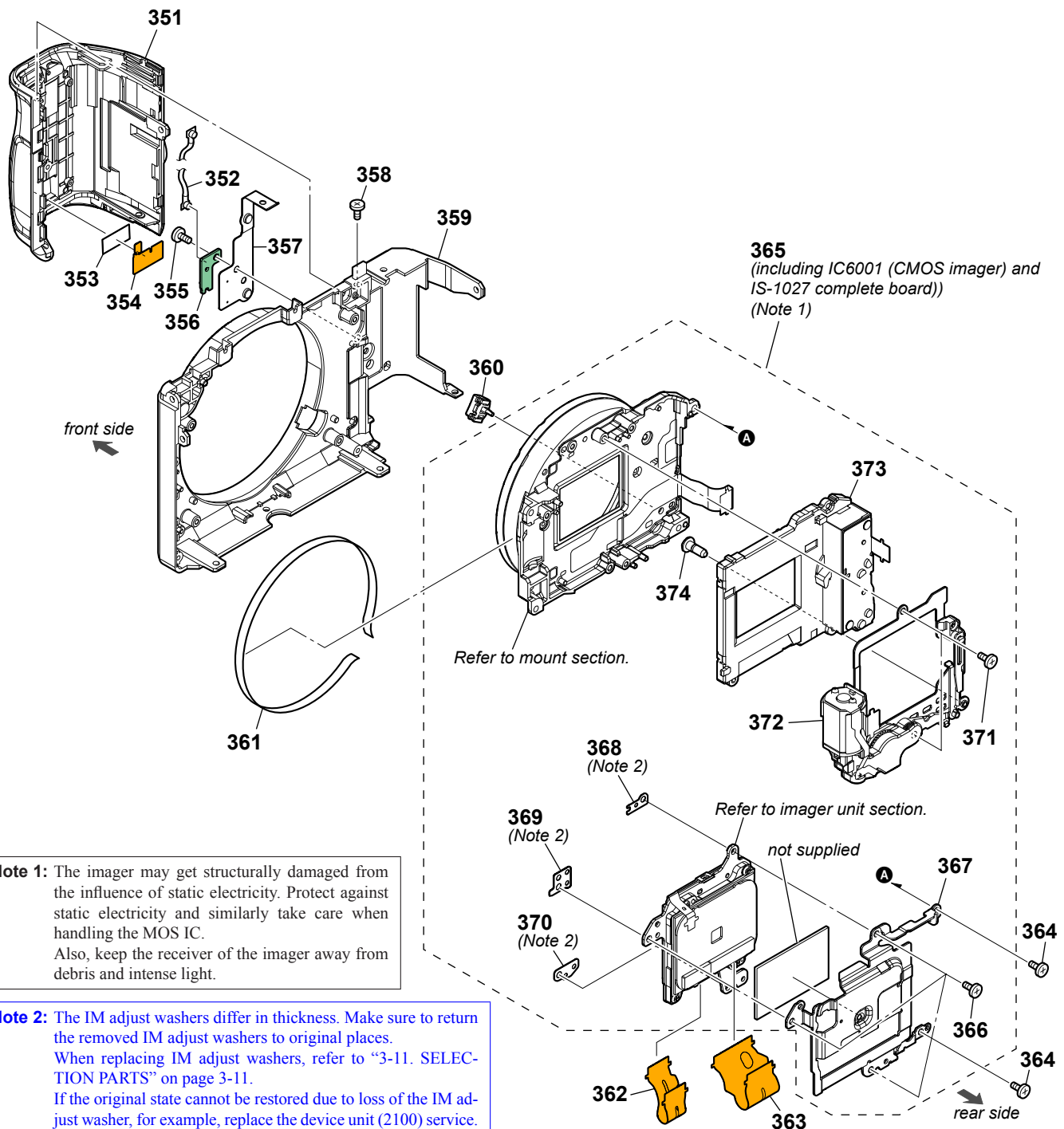
3-7. SY FRAME SECTION


Note 1: When replacing Ref. No. 307, cut the new part to the specific size indicated in the figure before use.

Note 2: Replace the battery socket (Ref. No. BH101) together when replacing the lithium secondary battery (Ref. No. BT101) on the CN-1039 board (The battery socket removed once cannot be used again). When mounting these parts, mount new battery socket on the CN-1039 board first and attach new lithium secondary battery next.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
301	A2117189A	MDV-2000 BOARD, COMPLETE	321	A2078262A	CN-1039 BOARD, COMPLETE
302	263556271	SCREW (M1.7) (L = 4.0 mm)	322	251548321	SCREW (M1.7), LOCK ACE, P2 (L = 3.0 mm)
303	474667401	GASKET (0.5X3 (18)), SOFT	323	188685411	FP-2045 FLEXIBLE BOARD
304	430011521	TAPPING (1.7) (CH) (L = 5.0 mm)	324	188986611	BT-2011 FLEXIBLE BOARD
305	474504501	FRAME (62600), SY	325	X25977381	FRAME ASSY (62600), BT
306	474667001	INSULATING SHEET (62600), TRANS	326	X25917971	BASE ASSY (79160), RL
307	444601401	TAPE AS (2040) (Note 1)	327	A2225903A	RL-1060 FLEXIBLE BOARD, COMPLETE
308	263556241	SCREW (M1.7) (L = 5.0 mm)	328	474667601	SHEET (NFC (62600)), ADHESIVE
309	474504201	HEAT SINK (62600), BN	329	474503101	HOLDER (62600), NFC
310	263556211	SCREW (M1.7) (L = 2.5 mm)	330	474667701	HOLDER (62600), SHEET (NFC)
311	474667501	SHEET (62600), MAINCON ADHESIVE	331	500541501	SHEET EM SHIELD BN (62600)
312	X50001751	BASE ASSY (62600), MC	ANT901	175497212	NFC ANTENNA
313	A2078264A	ST-1035 FLEXIBLE BOARD, COMPLETE	△ BH101	125192821	SOCKET, BATTERY (Note 2)
314	459144001	SHEET (ST (79160)), EM SHIELD	△ BT101	152890034	BATTERY, LITHIUM SECONDARY (Note 2)
315	469210501	SHEET (C (799)), FP PROTECTION	△ BT901	178085812	TERMINAL BOARD BATTERY
316	474666901	INSULATING SHEET (62600), ST	△ C901	111806312	CAP, ALUMINIUM ELECT (78MF)
317	457483801	CUSHION, ST CAP (WP)	MIC901	154272171	MICROPHONE BLOCK
318	469211301	CUSHION (799), PROTECTION SP	MIC902	154272171	MICROPHONE BLOCK
319	474502701	RETAINER (62600), AF WINDOW			
320	474502601	WINDOW (62600), AF			

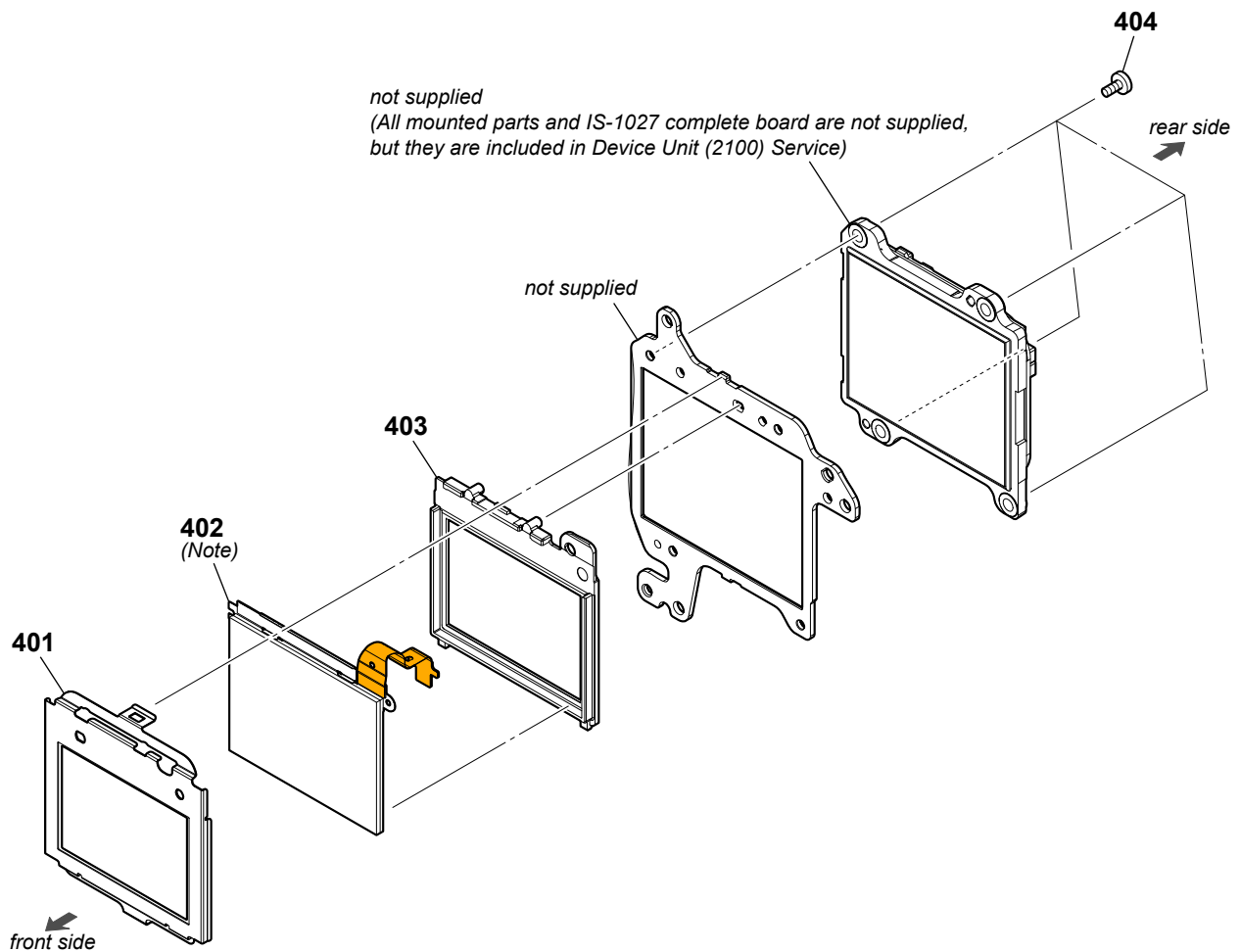
3-8. CABINET (FRONT) SECTION



Note 1: The imager may get structurally damaged from the influence of static electricity. Protect against static electricity and similarly take care when handling the MOS IC.
Also, keep the receiver of the imager away from debris and intense light.

Note 2: The IM adjust washers differ in thickness. Make sure to return the removed IM adjust washers to original places.
When replacing IM adjust washers, refer to "3-11. SELECTION PARTS" on page 3-11.
If the original state cannot be restored due to loss of the IM adjust washer, for example, replace the device unit (2100) service.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
351	X25917931	GRIP ASSY (79160)	364	263556241	SCREW (M1.7) (L = 5.0 mm)
352	184647421	CABLE, COAXIAL (85 mm)	365	A2116018B	SERVICE, DEVICE UNIT (2100) (SERVICE) (including IC6001 (CMOS imager) and IS-1027 complete board) (Note 1)
353	454250701	SHEET (ANTENNA HOLDER) (783)	366	428743621	SCREW (M1.7) (L = 5.0 mm)
354	189325112	FPC-2010 FLEXIBLE BOARD	367	447441201	IM HEAT SINK (2000)
355	263556211	SCREW (M1.7) (L = 2.5 mm)	* 368	selection parts	IM WASHER (A), ADJUST (Note 2)
356	A2225900A	AN-1028 BOARD, COMPLETE	* 369	selection parts	IM WASHER (B), ADJUST (Note 2)
357	457479401	SHEET METAL, WI-FI ASSIST	* 370	selection parts	IM WASHER (C), ADJUST (Note 2)
358	430011521	TAPPING (1.7) (CH) (L = 5.0 mm)	371	308020401	SCREW, TAPPING, P2 (M1.7 X 3.5 mm)
359	X25977391	CABINET (FRONT) ASSY (79160) (BK) (BLACK)	372	A1987432A	MB CHARGE UNIT (2000)
359	X25917952	CABINET (FRONT) ASSY (79160) (SI) (SILVER)	373	148796024	SHUTTER UNIT (AFE-3032)
360	448079503	BUTTON, LENS LOCK (779) (BLACK)	374	418599001	MB SCREW, CHARGE UNIT FIXED (M1.6 X 4.5 mm (Tapping))
360	448079521	BUTTON, LENS LOCK (779) (SILVER)			
361	457478701	DP SHEET N FRAME (79160)			
362	189465511	ISP-2004 FLEXIBLE BOARD			
363	189465611	ISL-2005 FLEXIBLE BOARD			

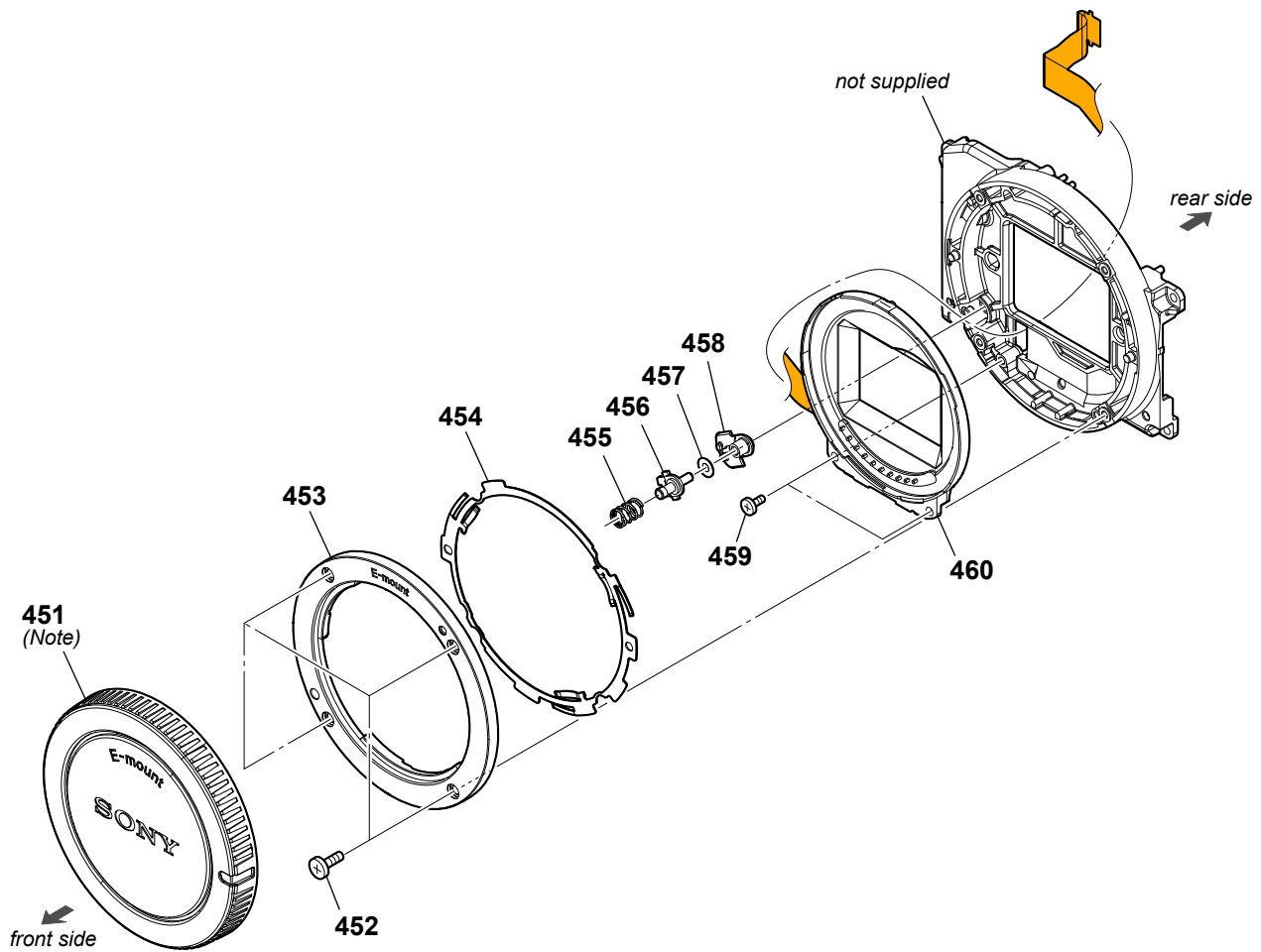
3-9. IMAGER UNIT SECTION


Note: Refer to "5. CLEANING" on page 5-1 for method of cleaning the OLPE.

Ref. No.	Part No.	Description
401	A2045073A	GLASS RETAINER ASSY SERV (2000) (SERVICE)
402	A2045072B	INDIVIDUAL, GLASS ASSY (2000) (SERVICE)

(Note)

Ref. No.	Part No.	Description
403	448761501	IM SPACER PLATE (2000)
404	428743601	SCREW (M1.7) (L = 3.5 mm)

3-10.MOUNT SECTION


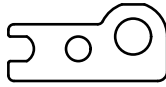
Note: The device unit (2100) service includes a protective body cap.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
451	418853601	CAP, BODY (Note)	456	X25906361	MB L LOCK PIN ASSY (5000)
452	418654511	SCREW, 0+Z M1.7 SG (SPIN) (L = 5.5 mm)	457	458872601	MB RING SHEET (2100)
453	455837002	MB N PLATE A (5000)	458	448435701	HOLDER, LENS LOCK (3000)
454	468457901	MB N PLATE SP (4000)	459	308020401	SCREW, TAPPING, P2 (M1.7 X 3.5 mm)
455	418653801	SPRING, LENS LOCK	460	A1987420A	MB N CONTACT UNIT (2000)

3-11. SELECTION PARTS

Ref. No. 368 ADJUST IM WASHER (A)

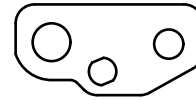
Select the optimum thickness of washer.



Thickness (mm)	Part No.
0.05	*4-185-995-01
0.1	*4-185-995-11
0.15	*4-185-995-21
0.2	*4-185-995-31
0.25	*4-185-995-41
0.3	*4-185-995-51
0.35	*4-185-995-61
0.4	*4-185-995-71
0.45	*4-185-995-81
0.495	*4-185-995-91

Ref. No. 370 ADJUST IM WASHER (C)

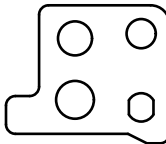
Select the optimum thickness of washer.



Thickness (mm)	Part No.
0.05	*4-185-999-01
0.1	*4-185-999-11
0.15	*4-185-999-21
0.2	*4-185-999-31
0.25	*4-185-999-41
0.3	*4-185-999-51
0.35	*4-185-999-61
0.4	*4-185-999-71
0.45	*4-185-999-81
0.495	*4-185-999-91

Ref. No. 369 ADJUST IM WASHER (B)

Select the optimum thickness of washer.



Thickness (mm)	Part No.
0.05	*4-185-998-01
0.1	*4-185-998-11
0.15	*4-185-998-21
0.2	*4-185-998-31
0.25	*4-185-998-41
0.3	*4-185-998-51
0.35	*4-185-998-61
0.4	*4-185-998-71
0.45	*4-185-998-81
0.495	*4-185-998-91

4. SUPPLIED ACCESSORIES

Note:

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by mark \triangle or dotted line with mark are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
*	474761011	MANUAL, INSTRUCTION (Startup Guide) (ENGLISH)	\triangle 901	149308314	AC ADAPTOR (AC-UUE12) (AEP, UK, E: PAL, E: NTSC, AUS, IND)
*	474761021	MANUAL, INSTRUCTION (Startup Guide) (FRENCH)	\triangle 901	149308421	AC ADAPTOR (AC-UUD12) (CH)
*	474761031	MANUAL, INSTRUCTION (Startup Guide) (SPANISH, PORTUGUESE)	\triangle 901	149308451	AC ADAPTOR (AC-UUD12) (KR)
*	474761041	MANUAL, INSTRUCTION (Startup Guide) (ENGLISH, FRENCH, GERMAN, SPANISH, DUTCH, SWEDISH, ITALIAN, PORTUGUESE, DANISH, FINNISH, NORWEGIAN, POLISH, RUSSIAN, UKRAINIAN)	\triangle 901	149308513	AC ADAPTOR (AC-UUD12) (US, CND, JE)
*	474761051	MANUAL, INSTRUCTION (Startup Guide) (TRADITIONAL CHINESE)	\triangle 902	183742113	Power cord (mains lead) (AEP, UK, E: PAL) (Note)
*	474761061	MANUAL, INSTRUCTION (Startup Guide) (ARABIC, PERSIAN)	\triangle 902	184609512	Power cord (mains lead) (AUS)
*	474761071	MANUAL, INSTRUCTION (Startup Guide) (KOREAN)	\triangle 902	184609612	Power cord (mains lead) (E: NTSC)
*	474761081	MANUAL, INSTRUCTION (Startup Guide) (SIMPLIFIED CHINESE)	\triangle 902	184642011	Power cord (mains lead) (AEP, UK, E: PAL) (Note)
*	474761111	MANUAL, INSTRUCTION (Startup Guide) (HUNGARIAN)	\triangle 902	184806612	Power cord (mains lead) (IND)
*	474761121	MANUAL, INSTRUCTION (Startup Guide) (SLOVAK)	\triangle 903	832830131	Rechargeable battery pack (NP-FW50/UC) (US, CND)
*	474761131	MANUAL, INSTRUCTION (Startup Guide) (CZECH)	\triangle 903	832830151	Rechargeable battery pack (NP-FW50/CE) (Except US, CND, CH)
*	474761141	MANUAL, INSTRUCTION (Startup Guide) (THAI)	\triangle 903	832830172	Rechargeable battery pack (NP-FW50/CN) (CH)
*	474761151	MANUAL, INSTRUCTION (Startup Guide) (INDONESIAN)	904	184661512	Micro USB cable
*	474761211	Reference Guide (ENGLISH, FRENCH, SPANISH)	905	459147401	Shoulder strap
*	474761221	Reference Guide (GERMAN, DUTCH, SWEDISH, ITALIAN, PORTUGUESE, DANISH, FINNISH, NORWEGIAN, POLISH, CZECH, HUNGARIAN, RUSSIAN, SLOVAK, UKRAINIAN)	906	418853601	Body cap (6400/6400M)
*	474761231	Reference Guide (ARABIC, PERSIAN, THAI, INDONESIAN)	907	443873403	Shoe cap (BLACK)
*	474761241	Reference Guide (ENGLISH, TRADITIONAL CHINESE, SIMPLIFIED CHINESE, KOREAN)	907	443873431	Shoe cap (SILVER)
			908	X25937731	Eyepiece cup
			\triangle 909	156900731	ADAPTOR, CONVERSION 2P (E: NTSC, JE)

Note:

For the customers in the UK, Ireland, Malta, Cyprus and Saudi Arabia

Use the Part No. 183742113. For safety reasons, the power cord (Part No. 183742113) is not intended for above countries/regions and shall therefore not be used there.

For the customers in other EU countries/regions

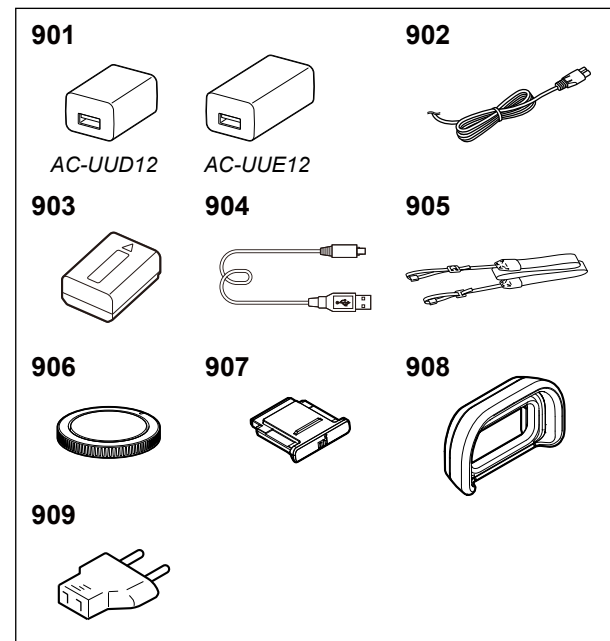
Use the Part No. 184642011.



Part No. 183742113



Part No. 184642011



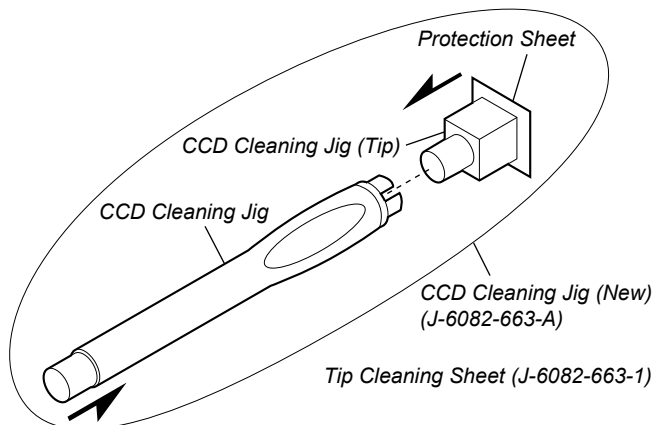
5. CLEANING

Preparation for Remedy

If you use the CCD cleaning Jig (New) (J-6082-663-A) below, make sure to clean the Tip of the CCD cleaning jig below before using.

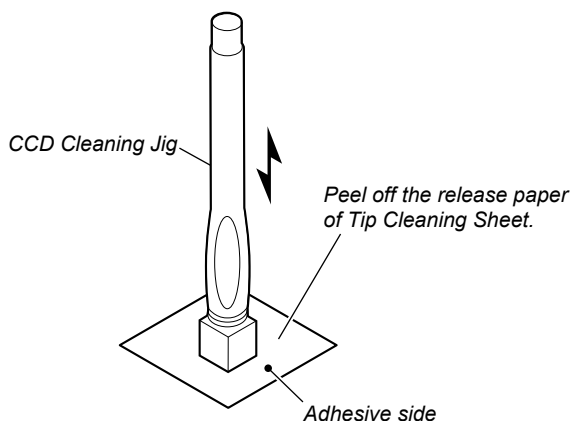
Note: Protection sheet is for preventing the scratch of a surface on the Tip of the CCD cleaning jig.

The protection sheet may be come off the Jig when you take the Jig from a bag, but it is no problem.



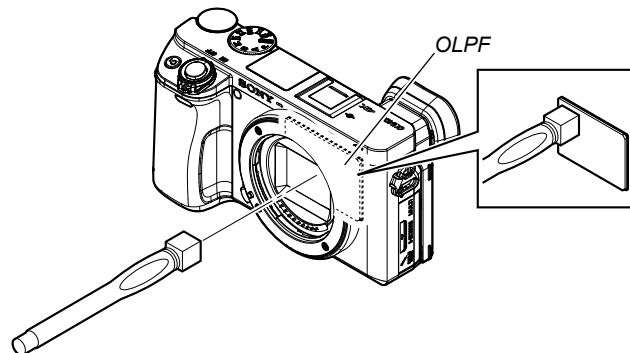
Cleaning Procedure for Tip of CCD Cleaning Jig

1. Peel off the release paper of the tip cleaning sheet.
2. Gently press the tip of the CCD cleaning jig against the adhesive side of the tip cleaning sheet 5 to 6 times.
* Do not slide the tip from right to left or up and down while it is pressed down.



Cleaning Procedure for the OLPF

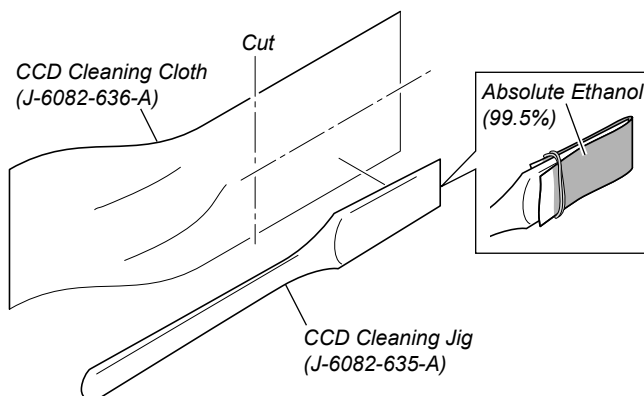
1. Clean up the tip of CCD cleaning jig.
2. Dab the tip of CCD cleaning jig at the OLPF, and pull up straight.
* Do not slide from right to left or up and down while dabbing.
3. Repeat "2" several times to clean up.
4. Check if there is dirt on the OLPF.



ATTENTION

If you cannot remove dirt with remedy above, cleaning by the following jig are used.

Soak a small amount of absolute ethanol (99.5%) (liquid cleaner) after wrapping the CCD cleaning cloth (J-6082-636-A) around the CCD cleaning jig (J-6082-635-A).



6. ADJUSTMENT

For adjusting this models, the Adjust manual and the Adjust station are required.

Adjust station

It is the software to start up Adjust manual for each model. The installer of the Adjust station and the installation manual are attached, be sure to confirm the contents of them.

Adjust manual

It is the software to adjust and check digital cameras and camcorders for service.

The installer of the Adjust manual and the installation manual are attached, be sure to confirm the contents of them.

Note 1: Be sure to install Adjust station first.

Note 2: To perform Destination Data Write for this model, the "Destination Data Write" must have been installed.
Install the "Destination Data Write" in advance.

Sony CONFIDENTIAL
For Authorized Servicer

Revision History

Ver.	Date	History	Contents
1.0	2019.01	Official Release	—

ILCE-6400/6400L/ 6400M/6400Y

SERVICE MANUAL

Ver. 1.0 2019.01
LEVEL 3
Note:

Be sure to keep your PC used for service and checking of this unit always updated with the latest version of your anti-virus software. In case a virus affected unit was found during service, contact your Service Headquarters.



Photo: ILCE-6400 (Main body)/BLACK

*US Model
Canadian Model
AEP Model
UK Model
E Model
Indian Model
Chinese Model
Korea Model
Japanese Model
Tourist Model*

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INTERCHANGEABLE LENS DIGITAL CAMERA

9-896-854-11

2019A33-1

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Sony Imaging Products & Solutions Inc.

SONY®

[About the service of this model]

ILCE-6400L/6400M/6400Y is commodity that packed the Interchangeable Lens Digital Camera and Interchangeable Lens. Refer to each following service manual the Interchangeable Lens kit, when you repair.

Model	Lens	Service Manual of Lens
ILCE-6400	No supplied lens	No supplied lens
ILCE-6400L	SELP1650 (E PZ 16-50mm F3.5-5.6 OSS)	9-834-693-1□
ILCE-6400M	SEL18135 (E 18-135mm F3.5-5.6 OSS)	9-896-833-0□/9-896-833-1□
ILCE-6400Y	SEL55210 (E 55-210mm F4.5-6.3 OSS)	9-834-603-1□
	SELP1650 (E PZ 16-50mm F3.5-5.6 OSS)	9-834-693-1□

SAFETY CHECK-OUT

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

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are “pinched” or contact high-wattage resistors.
3. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
4. Look for parts which, through functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
5. Check the B+ voltage to see it is at the values specified.
6. Flexible Circuit Board Repairing
 - Keep the temperature of the soldering iron around 350°C during repairing.
 - Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
 - Be careful not to apply force on the conductor when soldering or unsoldering.

UNLEADED SOLDER

This unit uses unleaded solder.

Boards requiring use of unleaded solder are printed with the 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

Be careful to the following points to solder or unsolder.

- Set the soldering iron tip temperature to 350°C approximately. If cannot control temperature, solder/unsolder at high temperature for a short time.
Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
 Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Be sure to control soldering iron tips used for unleaded solder and those for leaded solder so they are managed separately. Mixing unleaded solder and leaded solder will cause detachment phenomenon.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK \triangle OR DOTTED LINE WITH MARK \triangle ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE \triangle SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

Caution

Danger of explosion if battery is incorrectly replaced.
 Replace only with the same or equivalent type.
 Dispose of used batteries according to the instructions.

注意

如果电池更换不当会有爆炸危险。
 只能用同样类型或等效类型的电池来更换。
 务必按照说明处置用完的电池。

1. ELECTRICAL PARTS LIST

(ENGLISH)

NOTE:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- CAPACITORS:
uF: μ F
- COILS
uH: μ H
- RESISTORS
All resistors are in ohms.
METAL: metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable
- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A..., uPA..., μ PA...,
uPB..., μ PB..., μ PC..., μ PC...,
uPD..., μ PD...

When indicating parts by reference number, please include the board name.

The components identified by mark \triangle or dotted line with mark are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Caution

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type. Dispose of used batteries according to the instructions.

注意

如果电池更换不当会有爆炸危险。只能用同样类型或等效类型的电池来更换。务必按照说明处置用完的电池。

Note 1: The imager may get structurally damaged from the influence of static electricity. Protect against static electricity and similarly take care when handling the MOS IC. Also, keep the receiver of the imager away from debris and intense light.

Note 2: Replace the battery socket (Ref. No. BH101) together when replacing the lithium secondary battery (Ref. No. BT101) on the CN-1039 board (The battery socket removed once cannot be used again). When mounting these parts, mount new battery socket on the CN-1039 board first and attach new lithium storage battery next.

(JAPANESE)

【使用上の注意】

- ここに記載されている部品は、補修用部品であるため、回路図及びセットに付いている部品と異なる場合があります。
- -XX, -Xは標準化部品のため、セットに付いている部品と異なる場合があります。
- *印の部品は常備在庫しておりません。
- コンデンサの単位でuFは μ Fを示します。
- 抵抗の単位 Ω は省略してあります。
金 被：金属被膜抵抗。
サンキン：酸化金属被膜抵抗。
- インダクタの単位でuHは μ Hを示します。
- 半導体の名称でuA..., uPA..., uPB..., uPC..., uPD...等はそれぞれ μ A..., μ PA..., μ PB..., μ PC..., μ PD...を示します。

—お願い—

図面番号で部品を指定するときは基板名又はブロックを併せて指定してください。

\triangle 印の部品、または \triangle 印付の点線で囲まれた部品は、安全性を維持するために、重要な部品です。従って交換時は、必ず指定の部品を使用してください。

注意

電池の交換は、正しく行わないと破裂する恐れがあります。電池を交換する場合には必ず同じ型名の電池又は同等品と交換してください。使用済み電池は、取扱指示に従って処分してください。

注意 1: イメージャは構造上、静電気の影響で、破損する可能性があります。静電気対策の上、MOS ICと同様に注意して取扱ってください。また、イメージャの受光部に、ごみの付着や混入、強い光が入らないように注意してください。

注意 2: CN-1039基板のリチウム蓄電池（図面番号BT101）を交換する場合はバッテリーソケット（図面番号BH101）も同時に新品に交換してください（一度使用したバッテリーソケットは再使用できません）。部品取付けの際は、先にバッテリーソケットをCN-1039基板に取付けてからリチウム蓄電池を装着してください。

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ILCE-6400/6400L/6400M/6400Y

AN-1028

BT-2011

CN-1039

FP-2045

FPC-2010

IS-1027

ISL-2005

ISP-2004

JK-1024

LC-1042

LC-1045

Ref. No.	Part No.	Description
	A2225900A	AN-1028 BOARD, COMPLETE *****
		< CAPACITOR >
C7381	(Not supplied)	CERAMIC CHIP 0.7PF 50V
		< EARTH TERMINAL >
ET7381	178099211	TERMINAL (ON BOARD CONTACT) < JACK >
J7391	182019611	COAXIAL CONNECTOR (SMT TYPE) < COIL >
L7383	(Not supplied)	INDUCTOR 5.1nH
	188986611	BT-2011 FLEXIBLE BOARD *****
	A2078262A	CN-1039 BOARD, COMPLETE *****
		< BATTERY HOLDER >
△BH101	125192821	SOCKET, BATTERY < CAPACITOR >
C202	(Not supplied)	TANTALUM CHIP 22uF 20% 6.3V
* C203	111672011	CERAMIC CHIP 10uF 20% 6.3V
C301	(Not supplied)	CERAMIC CHIP 10uF 10% 10V
* C303	111673811	CERAMIC CHIP 1uF 10% 6.3V
C7100	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V
C7101	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V
		< CONNECTOR >
CN101	184346911	CONNECTOR, FPC (ZIF) 61P
CN201	184308823	CARD CONNECTOR
* CN302	184361811	CONNECTOR, FFC/FPC (LIF) 10P
		< DIODE >
D6780	650303101	DIODE DZ2J18000L
D6781	650297501	DIODE DZ2J15000L
		< TRANSISTOR >
Q6780	655163001	TRANSISTOR RN1102MFV (TL3S)
Q6782	(Not supplied)	TRANSISTOR MTM765200LBF
		< RESISTOR >
R203	121894181	METAL CHIP 100 5% 1/16W
R219	121894181	METAL CHIP 100 5% 1/16W
R6780	(Not supplied)	METAL CHIP 100K 5% 1/20W
R6781	(Not supplied)	METAL CHIP 100K 5% 1/20W
R6782	124070391	METAL CHIP 4.7K 5% 1/20W
R6783	124068391	METAL CHIP 100 5% 1/20W
R7100	124068391	METAL CHIP 100 5% 1/20W
R7101	124068391	METAL CHIP 100 5% 1/20W

Ref. No.	Part No.	Description
		< COMPOSITION CIRCUIT BLOCK >
RB201	123437221	RES, NETWORK 100 (1005X4)
RB202	123470221	RES, NETWORK 68 (1005X4)
RB203	123470221	RES, NETWORK 68 (1005X4)
	188685411	FP-2045 FLEXIBLE BOARD *****
	189325112	FPC-2010 FLEXIBLE BOARD *****
	A2116018B (Not supplied)	SERVICE, DEVICE UNIT (2100) IS-1027 BOARD, COMPLETE *****
	189465611	ISL-2005 FLEXIBLE BOARD *****
	189465511	ISP-2004 FLEXIBLE BOARD *****
	A2225902A	JK-1024 FLEXIBLE BOARD, COMPLETE *****
		< JACK >
J0001	(Not supplied)	JACK (SMALL TYPE)
	A2225905A	LC-1042 FLEXIBLE BOARD, COMPLETE *****
		< CAPACITOR >
C001	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V
		< SENSOR >
* SE001	148711821	GMR SENSOR
	A2225901A	LC-1045 BOARD, COMPLETE *****
		< CAPACITOR >
C0001	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V
C0002	112214911	CERAMIC CHIP 2.2uF 10% 16V
C0003	112214911	CERAMIC CHIP 2.2uF 10% 16V
C0004	112097911	CERAMIC CHIP 2.2uF 20% 6.3V
C0005	112219011	CERAMIC CHIP 1uF 20% 6.3V
C0006	112097911	CERAMIC CHIP 2.2uF 20% 6.3V
C0007	(Not supplied)	CERAMIC CHIP 2.2uF 20% 25V
C0008	112218411	CERAMIC CHIP 2.2uF 10% 10V
C0009	112218411	CERAMIC CHIP 2.2uF 10% 10V
C0010	(Not supplied)	CERAMIC CHIP 2.2uF 20% 25V

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LC-1045	MDV-2000	MIS-2003	RL-1060	RS-1013	ST-1035
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Ref. No.	Part No.	Description
C0011	112219011	CERAMIC CHIP 1uF 20% 6.3V
C0012	112097911	CERAMIC CHIP 2.2uF 20% 6.3V
C0013	112219011	CERAMIC CHIP 1uF 20% 6.3V
C0014	112097911	CERAMIC CHIP 2.2uF 20% 6.3V
C0015	112097911	CERAMIC CHIP 2.2uF 20% 6.3V
C0016	112218411	CERAMIC CHIP 2.2uF 10% 10V
C0017	112218411	CERAMIC CHIP 2.2uF 10% 10V
< CONNECTOR >		
CN0001	182150111	CONNECTOR, FPC (ZIF) 51P
* CN0002	182291011	CONNECTOR, FPC (LIF (NON-ZIF))
* CN0003	182291011	CONNECTOR, FPC (LIF (NON-ZIF))
CN0004	184260411	CONNECTOR, FPC (ZIF) 61PIN
< DIODE >		
D0001	650293401	DIODE DB2S31100K8
< RESISTOR >		
R0006	124069591	METAL CHIP 1K 5% 1/20W

A2117189A		MDV-2000 FLEXIBLE BOARD, COMPLETE *****
< CONNECTOR >		
CN001	182185771	CONNECTOR, FPC (LIF (NON-ZIF))
* CN002	182291411	CONNECTOR, FPC (LIF (NON-ZIF))

A2092366A		MIS-2003 FLEXIBLE BOARD, COMPLETE (BLACK)
A2117193A		MIS-2003 FLEXIBLE BOARD, COMPLETE (SILVER) *****
< CONNECTOR >		
CN7551	(Not supplied)	CONNECTOR (SHOE)

A2225903A		RL-1060 FLEXIBLE BOARD, COMPLETE *****
< CAPACITOR >		
C0001	111885011	CERAMIC CHIP 12PF 1% 50V
C0002	(Not supplied)	CERAMIC CHIP 82PF 1% 50V
C0007	112219011	CERAMIC CHIP 1uF 20% 6.3V
C0008	112219011	CERAMIC CHIP 1uF 20% 6.3V
< CONNECTOR >		
CN0001	182276821	CONNECTOR, FPC (ZIF) 25P
< DIODE >		
D0001	(Not supplied)	DIODE CSL0701DT5
< IC >		
IC0001	660062901	IC RS-470

Ref. No.	Part No.	Description
< PHOTO REFLECTOR >		
PH0001	(Not supplied)	PHOTO REFLECTOR PR-40-T
PH0002	(Not supplied)	PHOTO REFLECTOR PR-40-T
< RESISTOR >		
R0001	121682391	METAL CHIP 1.5K 5% 1/10W
R0002	121682391	METAL CHIP 1.5K 5% 1/10W
R0003	121895781	METAL CHIP 2.2K 5% 1/16W
R0004	121895981	METAL CHIP 3.3K 5% 1/16W
R0005	121896181	METAL CHIP 4.7K 5% 1/16W
R0006	121896581	METAL CHIP 10K 5% 1/16W
R0007	121896581	METAL CHIP 10K 5% 1/16W
R0008	121896181	METAL CHIP 4.7K 5% 1/16W
R0009	121895981	METAL CHIP 3.3K 5% 1/16W
R0010	121895781	METAL CHIP 2.2K 5% 1/16W
< SWITCH >		
S0001	178691431	SWITCH, TACTILE
S0002	(Not supplied)	TACTILE SWITCH
* S0003	178668021	SWITCH, DETECTION (SMD)
S0004	179803561	ROTARY SWITCH
< THERMISTOR >		
TH0001	180494912	THERMISTOR, NTC (SMD)

A2225904A		RS-1013 FLEXIBLE BOARD, COMPLETE *****
< CAPACITOR >		
C0001	(Not supplied)	CERAMIC CHIP 0.1uF 10% 16V
C0002	(Not supplied)	CERAMIC CHIP 0.1uF 10% 16V
< CONNECTOR >		
CN0001	181665561	CONNECTOR, FFC/FPC (LIF (NON-ZIF)) 8P
< SWITCH >		
S0001	178691431	SWITCH, TACTILE
* S0002	178670721	SWITCH, DETECTION (SMD)
* S0003	178691451	SWITCH, TACTILE
S0004	178691431	SWITCH, TACTILE
< SENSOR >		
SE0001	(Not supplied)	SENSOR MAGNETIC
SE0002	(Not supplied)	SENSOR MAGNETIC
< THERMISTOR >		
TH0001	180494912	THERMISTOR, NTC (SMD)

A2078264A		ST-1035 FLEXIBLE BOARD, COMPLETE *****
< CAPACITOR >		
C2700	(Not supplied)	CERAMIC CHIP 2.2uF 10% 6.3V
* C3800	111803511	CERAMIC CHIP 0.1uF 10% 25V
C3801	111840311	CERAMIC CHIP 0.001uF 10% 50V
C3802	111840311	CERAMIC CHIP 0.001uF 10% 50V
C3803	111840311	CERAMIC CHIP 0.001uF 10% 50V

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For Authorized Servicer

ILCE-6400/6400L/6400M/6400Y

ST-1035

SY-1094

Ref. No.	Part No.	Description				Ref. No.	Part No.	Description			
C3804	111840311	CERAMIC CHIP	0.001uF	10%	50V	C0106	(Not supplied)	CERAMIC CHIP	1uF	20%	16V
C3805	(Not supplied)	CERAMIC CHIP	22uF	20%	10V	C0116	111674911	CERAMIC CHIP	22uF	20%	6.3V
* C5800	111673811	CERAMIC CHIP	1uF	10%	6.3V	C0119	111878811	CERAMIC CHIP	100PF	5%	50V
C5801	(Not supplied)	CERAMIC CHIP	22uF	20%	10V	C0120	111839911	CERAMIC CHIP	0.0022uF	10%	50V
△ *C5803	111645611	CERAMIC CHIP	0.047uF	10%	350V						
△ C5804	110076121	CERAMIC CHIP	0.01uF	10%	250V	C0407	111674911	CERAMIC CHIP	22uF	20%	6.3V
C8800	111846211	CERAMIC CHIP	1uF	10%	10V	C0408	111816811	CERAMIC CHIP	1uF	20%	6.3V
		< CONNECTOR >				C0412	111674911	CERAMIC CHIP	22uF	20%	6.3V
* CN801	182291411	CONNECTOR, FPC (LIF (NON-ZIF))				C0413	111674911	CERAMIC CHIP	22uF	20%	6.3V
CN3800	182237811	CONNECTOR, FPC (ZIF) 33P				C0414	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
		< DIODE >				C0415	111816811	CERAMIC CHIP	1uF	20%	6.3V
△ * D5800	650390101	DIODE DA2JF6500L				C0416	111803111	CERAMIC CHIP	0.01uF	10%	16V
△ D5801	650111901	DIODE RR264M-400				C0417	112214911	CERAMIC CHIP	2.2uF	10%	16V
△ * D5802	650300101	DIODE RR255M-400FJTR				C0418	111816811	CERAMIC CHIP	1uF	20%	6.3V
D8800	871906928	DIODE 1SS400TE61				C0419	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
		< IC >				C0420	111816811	CERAMIC CHIP	1uF	20%	6.3V
IC5800	(Not supplied)	IC RT9598GQW				C0421	111817311	CERAMIC CHIP	10uF	20%	6.3V
		< COIL >				C0600	112021811	CERAMIC CHIP	0.001uF	10%	50V
L5800	(Not supplied)	CHOKO COIL 2.2UH (ML 2520)				C0703	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
		< TRANSISTOR >				C0706	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
Q3802	(Not supplied)	TRANSISTOR PBHV8540T, 215				C0709	111803111	CERAMIC CHIP	0.01uF	10%	16V
△ Q5800	(Not supplied)	TRANSISTOR TIG065E8-TL-HQ				C0711	111802811	CERAMIC CHIP	0.001uF	10%	25V
Q8800	655163101	TRANSISTOR RN1104MFV (TL3S)				C0712	111803111	CERAMIC CHIP	0.01uF	10%	16V
Q8801	655287401	TRANSISTOR RW1C025ZPT2CR				C0713	111803111	CERAMIC CHIP	0.01uF	10%	16V
		< RESISTOR >				C0714	111803111	CERAMIC CHIP	0.01uF	10%	16V
R3800	121896581	METAL CHIP	10K	5%	1/16W	C0824	111816811	CERAMIC CHIP	1uF	20%	6.3V
R3801	121897381	METAL CHIP	47K	5%	1/16W	C0825	111816811	CERAMIC CHIP	1uF	20%	6.3V
R5802	125053111	METAL CHIP	33K	1%	1/16W	C0826	(Not supplied)	CERAMIC CHIP	22uF	20%	10V
R5803	120892381	METAL CHIP	33K	0.5%	1/16W	* C0827	111802511	CERAMIC CHIP	330PF	10%	25V
R5804	120868311	METAL CHIP	1K	0.5%	1/16W	C0828	111674911	CERAMIC CHIP	22uF	20%	6.3V
△ * R5806	124633821	METAL CHIP	3M	1%	1/8W	C0832	111816811	CERAMIC CHIP	1uF	20%	6.3V
R5807	121897011	METAL CHIP	27K	5%	1/16W	C0833	111816811	CERAMIC CHIP	1uF	20%	6.3V
R5808	121894181	METAL CHIP	100	5%	1/16W	C0834	(Not supplied)	CERAMIC CHIP	2.2uF	10%	6.3V
△ R5809	121685791	METAL CHIP	1M	5%	1/10W	C0835	111816811	CERAMIC CHIP	1uF	20%	6.3V
△ R5810	121684591	METAL CHIP	100K	5%	1/10W	C0836	111816811	CERAMIC CHIP	1uF	20%	6.3V
R5811	121897781	METAL CHIP	100K	5%	1/16W	C0837	(Not supplied)	CERAMIC CHIP	2.2uF	10%	6.3V
R5812	121897781	METAL CHIP	100K	5%	1/16W	C0838	111817311	CERAMIC CHIP	10uF	20%	6.3V
R8800	121896581	METAL CHIP	10K	5%	1/16W	C0839	111817311	CERAMIC CHIP	10uF	20%	6.3V
R8801	125056711	METAL CHIP	1M	1%	1/16W	C0845	(Not supplied)	CERAMIC CHIP	0.0047uF	10%	16V
		< SENSOR >				C1106	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
SE2700	(Not supplied)	INFRARED RECEIVER SENSOR				C1107	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
* SE3800	148916711	SENSOR MAGNETIC				C1110	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
		< TRANSFORMER >				C1111	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
△ * T801	144577411	D.C.-D.C.CONVERTER TRANSFORMER				C1112	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
						C1114	111817311	CERAMIC CHIP	10uF	20%	6.3V
						C1135	111803111	CERAMIC CHIP	0.01uF	10%	16V
						C1136	111803111	CERAMIC CHIP	0.01uF	10%	16V
						C1140	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
						C1141	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
						C1142	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
						* C1147	111803311	CERAMIC CHIP	0.047uF	10%	10V
						* C1148	111803311	CERAMIC CHIP	0.047uF	10%	10V
						C1149	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
						C1152	111817311	CERAMIC CHIP	10uF	20%	6.3V
						C1410	111674911	CERAMIC CHIP	22uF	20%	6.3V
						C1412	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
						C1700	112021811	CERAMIC CHIP	0.001uF	10%	50V
						C2304	111674911	CERAMIC CHIP	22uF	20%	6.3V
						C2309	111674911	CERAMIC CHIP	22uF	20%	6.3V
						C2700	111826911	CERAMIC CHIP	4.7uF	20%	6.3V
						C2701	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
A5001624A		SY-1094 BOARD, COMPLETE (SERVICE) *****									
		< CAPACITOR >									
C0105	(Not supplied)	CERAMIC CHIP	1uF	20%	16V						

Sony CONFIDENTIAL
For Authorized Servicer

ILCE-6400/6400L/6400M/6400Y

SY-1094

Ref. No.	Part No.	Description				Ref. No.	Part No.	Description			
C2702	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C5109	(Not supplied)	CERAMIC CHIP	2.2uF	10%	6.3V
C3003	112021811	CERAMIC CHIP	0.001uF	10%	50V	C5110	(Not supplied)	CERAMIC CHIP	2.2uF	10%	50V
C3008	112021811	CERAMIC CHIP	0.001uF	10%	50V	C5111	(Not supplied)	CERAMIC CHIP	2.2uF	10%	50V
C3019	112219011	CERAMIC CHIP	1uF	20%	6.3V	C5112	(Not supplied)	CERAMIC CHIP	2.2uF	10%	50V
C3020	112214911	CERAMIC CHIP	2.2uF	10%	16V	C5114	(Not supplied)	CERAMIC CHIP	2.2uF	10%	50V
C3021	112219011	CERAMIC CHIP	1uF	20%	6.3V	C5116	111674911	CERAMIC CHIP	22uF	20%	6.3V
C3022	(Not supplied)	CERAMIC CHIP	1uF	20%	16V	* C5117	111672011	CERAMIC CHIP	10uF	20%	6.3V
C3023	(Not supplied)	CERAMIC CHIP	1uF	20%	16V	* C5118	111672011	CERAMIC CHIP	10uF	20%	6.3V
C3024	(Not supplied)	CERAMIC CHIP	1uF	20%	16V	* C5120	111672011	CERAMIC CHIP	10uF	20%	6.3V
C3025	(Not supplied)	CERAMIC CHIP	1uF	20%	16V	C5150	111671311	CERAMIC CHIP	22uF	20%	10V
C3028	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C5151	111671311	CERAMIC CHIP	22uF	20%	10V
C3800	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C5152	111671311	CERAMIC CHIP	22uF	20%	10V
C4000	112021811	CERAMIC CHIP	0.001uF	10%	50V	C5153	111671311	CERAMIC CHIP	22uF	20%	10V
C4002	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5154	(Not supplied)	CERAMIC CHIP	0.1uF	10%	16V
C4003	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5155	(Not supplied)	CERAMIC CHIP	0.1uF	10%	16V
C4004	111816811	CERAMIC CHIP	1uF	20%	6.3V	C5156	111876511	CERAMIC CHIP	10PF	5%	50V
C4207	111816811	CERAMIC CHIP	1uF	20%	6.3V	C5157	111876511	CERAMIC CHIP	10PF	5%	50V
C4208	111816811	CERAMIC CHIP	1uF	20%	6.3V	C5158	111671311	CERAMIC CHIP	22uF	20%	10V
C4209	111816811	CERAMIC CHIP	1uF	20%	6.3V	C5159	111671311	CERAMIC CHIP	22uF	20%	10V
C4210	111816811	CERAMIC CHIP	1uF	20%	6.3V	C5162	(Not supplied)	CERAMIC CHIP	2.2uF	10%	50V
C4211	111816811	CERAMIC CHIP	1uF	20%	6.3V	C5200	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C4213	111816811	CERAMIC CHIP	1uF	20%	6.3V	C5201	111804111	CERAMIC CHIP	4.7uF	10%	10V
C4214	111816811	CERAMIC CHIP	1uF	20%	6.3V	C5202	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C4903	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5203	112219011	CERAMIC CHIP	1uF	20%	6.3V
C4904	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5205	(Not supplied)	CERAMIC CHIP	1uF	20%	16V
C4905	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5206	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C4906	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5208	(Not supplied)	CERAMIC CHIP	1uF	20%	16V
C4911	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5209	(Not supplied)	CERAMIC CHIP	1uF	20%	16V
C4912	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5250	(Not supplied)	CERAMIC CHIP	0.22uF	10%	10V
C4913	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5300	112214911	CERAMIC CHIP	2.2uF	10%	16V
C4914	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5301	(Not supplied)	CERAMIC CHIP	1uF	20%	16V
C4915	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5302	(Not supplied)	CERAMIC CHIP	1uF	10%	35V
C4916	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5325	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C4917	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5326	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C4918	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5327	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C4919	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5328	111804111	CERAMIC CHIP	4.7uF	10%	10V
C4920	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5329	112214911	CERAMIC CHIP	2.2uF	10%	16V
C4923	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C5330	(Not supplied)	CERAMIC CHIP	1uF	10%	35V
C4926	(Not supplied)	CERAMIC CHIP	47uF	20%	6.3V	C5331	111803111	CERAMIC CHIP	0.01uF	10%	16V
C4929	(Not supplied)	TANTALUM CHIP	47uF	20%	6.3V	C5650	(Not supplied)	CERAMIC CHIP	1uF	10%	35V
C4930	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5651	(Not supplied)	CERAMIC CHIP	0.22uF	10%	6.3V
C4931	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5652	111803411	CERAMIC CHIP	0.1uF	10%	10V
C5050	111671311	CERAMIC CHIP	22uF	20%	10V	C5653	112214911	CERAMIC CHIP	2.2uF	10%	16V
C5051	111671311	CERAMIC CHIP	22uF	20%	10V	C5654	111804711	CERAMIC CHIP	10uF	10%	16V
C5052	112091711	CERAMIC CHIP	0.1uF	10%	25V	C5655	111671311	CERAMIC CHIP	22uF	20%	10V
C5054	112091711	CERAMIC CHIP	0.1uF	10%	25V	C5656	(Not supplied)	CERAMIC CHIP	1uF	10%	35V
C5055	112091711	CERAMIC CHIP	0.1uF	10%	25V	C5657	(Not supplied)	CERAMIC CHIP	1uF	10%	35V
C5056	(Not supplied)	CERAMIC CHIP	1uF	20%	16V	C5658	(Not supplied)	CERAMIC CHIP	0.1uF	10%	16V
C5057	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5659	112021811	CERAMIC CHIP	0.001uF	10%	50V
C5058	111674911	CERAMIC CHIP	22uF	20%	6.3V	C5660	112021811	CERAMIC CHIP	0.001uF	10%	50V
C5059	111674911	CERAMIC CHIP	22uF	20%	6.3V	C5700	111671311	CERAMIC CHIP	22uF	20%	10V
C5100	(Not supplied)	CERAMIC CHIP	1uF	20%	16V	C5704	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C5101	(Not supplied)	CERAMIC CHIP	0.1uF	10%	16V	C5705	112094811	CERAMIC CHIP	4.7uF	20%	6.3V
C5102	111803111	CERAMIC CHIP	0.01uF	10%	16V	C5707	111877011	CERAMIC CHIP	15PF	5%	50V
C5103	(Not supplied)	CERAMIC CHIP	1uF	10%	35V	C5708	(Not supplied)	CERAMIC CHIP	2.2uF	10%	6.3V
C5104	(Not supplied)	CERAMIC CHIP	1uF	20%	16V	C5709	111877011	CERAMIC CHIP	15PF	5%	50V
C5105	(Not supplied)	CERAMIC CHIP	1uF	20%	16V	C5710	111876711	CERAMIC CHIP	12PF	5%	50V
C5106	(Not supplied)	CERAMIC CHIP	1uF	20%	16V	C5711	111876711	CERAMIC CHIP	12PF	5%	50V
C5107	112091711	CERAMIC CHIP	0.1uF	10%	25V	C5712	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C5108	(Not supplied)	CERAMIC CHIP	2.2uF	10%	6.3V	C5714	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V

Sony CONFIDENTIAL
For Authorized Servicer

ILCE-6400/6400L/6400M/6400Y

SY-1094

Ref. No.	Part No.	Description				Ref. No.	Part No.	Description			
C5715	111803411	CERAMIC CHIP	0.1uF	10%	10V	C6214	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6001	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6215	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6004	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6216	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6007	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6217	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6009	111816811	CERAMIC CHIP	1uF	20%	6.3V	C6218	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6011	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6219	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6012	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6220	111817311	CERAMIC CHIP	10uF	20%	6.3V
C6015	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6221	111816811	CERAMIC CHIP	1uF	20%	6.3V
C6016	111816811	CERAMIC CHIP	1uF	20%	6.3V	C6242	111674911	CERAMIC CHIP	22uF	20%	6.3V
C6017	111816811	CERAMIC CHIP	1uF	20%	6.3V	C6250	111826911	CERAMIC CHIP	4.7uF	20%	6.3V
C6022	111817311	CERAMIC CHIP	10uF	20%	6.3V	C6251	111674911	CERAMIC CHIP	22uF	20%	6.3V
C6033	111826911	CERAMIC CHIP	4.7uF	20%	6.3V	C6259	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6081	111817311	CERAMIC CHIP	10uF	20%	6.3V	C6260	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6082	111817311	CERAMIC CHIP	10uF	20%	6.3V	C6261	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6083	111817311	CERAMIC CHIP	10uF	20%	6.3V	C6262	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6099	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6264	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6100	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6268	111816811	CERAMIC CHIP	1uF	20%	6.3V
C6104	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6281	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6105	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6282	111673211	CERAMIC CHIP	2.2uF	20%	6.3V
C6121	111817311	CERAMIC CHIP	10uF	20%	6.3V	C6283	112219011	CERAMIC CHIP	1uF	20%	6.3V
C6122	111817311	CERAMIC CHIP	10uF	20%	6.3V	C6284	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6126	111816811	CERAMIC CHIP	1uF	20%	6.3V	C6285	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6132	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6286	111673211	CERAMIC CHIP	2.2uF	20%	6.3V
C6133	111817311	CERAMIC CHIP	10uF	20%	6.3V	C6287	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6134	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6300	111674911	CERAMIC CHIP	22uF	20%	6.3V
C6141	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6301	111674911	CERAMIC CHIP	22uF	20%	6.3V
C6142	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6302	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6144	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6303	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6146	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6320	111817311	CERAMIC CHIP	10uF	20%	6.3V
C6148	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6321	111817311	CERAMIC CHIP	10uF	20%	6.3V
C6149	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6322	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6152	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6323	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6153	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6326	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6154	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6328	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6161	111817311	CERAMIC CHIP	10uF	20%	6.3V	C6329	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6162	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6330	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6165	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6341	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6166	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	* C6343	111875711	CERAMIC CHIP	5PF	5%	50V
C6168	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6360	111817311	CERAMIC CHIP	10uF	20%	6.3V
C6193	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6361	111816811	CERAMIC CHIP	1uF	20%	6.3V
C6194	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6362	111816811	CERAMIC CHIP	1uF	20%	6.3V
C6195	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6363	111817311	CERAMIC CHIP	10uF	20%	6.3V
C6196	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6364	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6197	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6365	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6198	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6366	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6199	111816811	CERAMIC CHIP	1uF	20%	6.3V	* C6367	111875711	CERAMIC CHIP	5PF	5%	50V
C6200	111816811	CERAMIC CHIP	1uF	20%	6.3V	* C6368	111875711	CERAMIC CHIP	5PF	5%	50V
C6201	111816811	CERAMIC CHIP	1uF	20%	6.3V	* C6369	111875711	CERAMIC CHIP	5PF	5%	50V
C6202	111816811	CERAMIC CHIP	1uF	20%	6.3V	C6370	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6203	111816811	CERAMIC CHIP	1uF	20%	6.3V	C6371	111817311	CERAMIC CHIP	10uF	20%	6.3V
C6204	111816811	CERAMIC CHIP	1uF	20%	6.3V	C6372	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6205	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6373	111817311	CERAMIC CHIP	10uF	20%	6.3V
C6206	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6374	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6207	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6375	111817311	CERAMIC CHIP	10uF	20%	6.3V
C6208	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6376	111817311	CERAMIC CHIP	10uF	20%	6.3V
C6209	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6377	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6210	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6700	(Not supplied)	CERAMIC CHIP	4.7uF	10%	6.3V
C6211	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6701	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6212	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6702	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C6213	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V	C6703	(Not supplied)	CERAMIC CHIP	0.1uF	10%	16V

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C6705	(Not supplied)	CERAMIC CHIP 2.2uF 10% 50V	D0810	(Not supplied)	DIODE BAS16L
C6706	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V	D0811	(Not supplied)	DIODE BAS16L
C6760	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V	D0812	(Not supplied)	DIODE BAS16L
C6761	(Not supplied)	CERAMIC CHIP 1uF 20% 16V	D0813	(Not supplied)	DIODE BAS16L
C6850	(Not supplied)	CERAMIC CHIP 1uF 20% 16V	D1100	871905623	DIODE MA2S111- (K8).SO
C6852	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V	D1101	(Not supplied)	DIODE BAS16L
C7330	(Not supplied)	CERAMIC CHIP 4.7uF 10% 6.3V	D1102	871905623	DIODE MA2S111- (K8).SO
C7331	(Not supplied)	CERAMIC CHIP 4.7uF 10% 6.3V	D1104	871905623	DIODE MA2S111- (K8).SO
C7332	(Not supplied)	CERAMIC CHIP 2.2uF 10% 6.3V	D4900	650121601	DIODE CL-271HR-C-TS
C7401	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V	D4901	(Not supplied)	DIODE PZU13BL
C8500	111816811	CERAMIC CHIP 1uF 20% 6.3V	* D6701	871908417	DIODE EMZ6.8ET2R
C8501	111816811	CERAMIC CHIP 1uF 20% 6.3V	* D6702	871908417	DIODE EMZ6.8ET2R
C8503	111816811	CERAMIC CHIP 1uF 20% 6.3V	* D9000	650298801	DIODE RB480Y-40T2R
C8504	111816811	CERAMIC CHIP 1uF 20% 6.3V			< EARTH TERMINAL >
C8505	111816811	CERAMIC CHIP 1uF 20% 6.3V	ET4901	(Not supplied)	TERMINAL, GROUND
C8506	111816811	CERAMIC CHIP 1uF 20% 6.3V			< FUSE >
C8507	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V	△ F0001	152341211	FUSE (3 A/32 V)
C8508	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V	△ F0002	152341211	FUSE (3 A/32 V)
C8509	112021811	CERAMIC CHIP 0.001uF 10% 50V	△ F0003	152341211	FUSE (3 A/32 V)
C8510	112021811	CERAMIC CHIP 0.001uF 10% 50V	△ F0004	152340411	FUSE (0.5 A/32 V)
C8511	112021811	CERAMIC CHIP 0.001uF 10% 50V	△ F0005	157691341	FUSE (1.6 A/36 V)
C8512	112021811	CERAMIC CHIP 0.001uF 10% 50V	△ F0006	152340911	FUSE (1.5 A/32 V)
C8513	112021811	CERAMIC CHIP 0.001uF 10% 50V	△ F4000	152337811	FUSE (2.5 A/32 V)
C8514	112021811	CERAMIC CHIP 0.001uF 10% 50V			< FERRITE BEAD >
C8517	112219011	CERAMIC CHIP 1uF 20% 6.3V	* FB0600	148134921	EMI FERRITE (SMD) (1608)
C8518	112219011	CERAMIC CHIP 1uF 20% 6.3V	* FB1100	148167021	FERRITE, EMI (SMD)
C8519	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V	* FB1101	148167021	FERRITE, EMI (SMD)
C8520	112219011	CERAMIC CHIP 1uF 20% 6.3V	* FB1102	148167021	FERRITE, EMI (SMD)
C8521	111817311	CERAMIC CHIP 10uF 20% 6.3V	* FB1103	148167021	FERRITE, EMI (SMD)
C8524	111845511	CERAMIC CHIP 0.0047uF 10% 6.3V	* FB1104	148167021	FERRITE, EMI (SMD)
C8525	111802611	CERAMIC CHIP 470PF 10% 25V	* FB1105	148167021	FERRITE, EMI (SMD)
C8526	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V	FB1106	148125021	INDUCTOR, FERRITE BEAD (1005)
C8527	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V	FB1420	(Not supplied)	FERRITE, EMI (SMD) (0603)
C8528	(Not supplied)	CERAMIC CHIP 1uF 20% 16V	FB3000	(Not supplied)	CHIP FERRITE BEAD (0603)
		< CONNECTOR >	FB3001	(Not supplied)	CHIP FERRITE BEAD (0603)
CN0400	182276921	CONNECTOR, FPC (ZIF) 27P	FB3002	(Not supplied)	CHIP FERRITE BEAD (0603)
CN0401	(Not supplied)	CONNECTOR, FPC (ZIF) 51P	FB3003	(Not supplied)	CHIP FERRITE BEAD (0603)
* CN1700	182291411	CONNECTOR, FPC (LIF (NON-ZIF))	FB3004	(Not supplied)	CHIP FERRITE BEAD (0603)
CN3000	184346911	CONNECTOR, FPC (ZIF) 61P	FB3005	(Not supplied)	CHIP FERRITE BEAD (0603)
* CN3001	184217651	CONNECTOR, FPC (ZIF) 61P	FB3006	(Not supplied)	CHIP FERRITE BEAD (0603)
* CN4000	184349021	SOCKET, USB CONNECTOR	FB3007	(Not supplied)	CHIP FERRITE BEAD (0603)
CN4900	184346911	CONNECTOR, FPC (ZIF) 61P	FB3008	(Not supplied)	CHIP FERRITE BEAD (0603)
* CN4901	182291411	CONNECTOR, FPC (LIF (NON-ZIF))	FB3009	(Not supplied)	CHIP FERRITE BEAD (0603)
CN4902	(Not supplied)	CONNECTOR, FPC (ZIF) 51P	FB3010	(Not supplied)	CHIP FERRITE BEAD (0603)
CN4905	184320911	CONNECTOR, FFC/FPC (ZIF) 39P	FB3011	(Not supplied)	CHIP FERRITE BEAD (0603)
CN4906	181665461	CONNECTOR, FFC/FPC (LIF) 6P	FB3012	(Not supplied)	CHIP FERRITE BEAD (0603)
CN4907	184362311	CONNECTOR, FFC/FPC (LIF) 20P	FB3013	(Not supplied)	CHIP FERRITE BEAD (0603)
CN9000	184312111	CONNECTOR, HDMI (TYPE-D)	FB3014	(Not supplied)	CHIP FERRITE BEAD (0603)
		< MODULE >	FB3015	(Not supplied)	CHIP FERRITE BEAD (0603)
CP7330	(Not supplied)	WiFi+BT COMBO MODULE	FB3016	(Not supplied)	CHIP FERRITE BEAD (0603)
		< DIODE >	FB3017	(Not supplied)	CHIP FERRITE BEAD (0603)
D0101	(Not supplied)	DIODE RB520CS30L	FB3018	(Not supplied)	CHIP FERRITE BEAD (0603)
D0102	(Not supplied)	DIODE RB520CS30L	FB3019	(Not supplied)	CHIP FERRITE BEAD (0603)
* D0600	650157301	DIODE CL-271TLY-C-TS	FB3020	(Not supplied)	CHIP FERRITE BEAD (0603)
D0705	(Not supplied)	DIODE RB520CS30L	FB3021	(Not supplied)	CHIP FERRITE BEAD (0603)
D0801	(Not supplied)	DIODE RB520CS30L	FB3022	(Not supplied)	CHIP FERRITE BEAD (0603)
D0802	(Not supplied)	DIODE RB520CS30L	FB3023	(Not supplied)	CHIP FERRITE BEAD (0603)

Ref. No.	Part No.	Description
FB3024	146958121	INDUCTOR, FERRITE BEAD (1005)
* FB3025	146958021	INDUCTOR, FERRITE BEAD (1005)
FB4900	148126221	FERRITE, EMI (SMD) (1005)
FB6020	(Not supplied)	EMI FERRITE (SMD) (1005)
FB6021	(Not supplied)	EMI FERRITE (SMD) (1005)
FB6081	(Not supplied)	EMI FERRITE (SMD) (1005)
FB6121	(Not supplied)	EMI FERRITE (SMD) (1005)
FB6181	(Not supplied)	EMI FERRITE (SMD) (1005)
FB6241	(Not supplied)	EMI FERRITE (SMD) (1005)
FB6361	(Not supplied)	EMI FERRITE (SMD) (1005)
		< IC >
IC0115	671577301	IC NJM12904RB1 (TE2)
IC0400	(Not supplied)	IC NX5P2924CUKZ
IC0401	(Not supplied)	IC MM1898A30RRE
IC0402	(Not supplied)	IC NX5P2924CUKZ
IC0813	671905401	IC MM3411A18URE
* IC0814	672057201	IC TPS62140RGTR
IC0816	(Not supplied)	IC RP105L091F-TR
IC0817	(Not supplied)	IC RP105L091F-TR
IC0818	671780701	IC RP114N121B-TR-FE
IC3800	(Not supplied)	IC 74LVC2G240DC-125
IC4000	(Not supplied)	IC NCX2222GTX
IC4201	(Not supplied)	IC RP114K181D-TRB
IC4202	(Not supplied)	IC RP114K181D-TRB
IC5050	(Not supplied)	IC RT6203BLGQW
IC5100	(Not supplied)	IC BD8336GU-E2
IC5150	(Not supplied)	IC TPS63060DSCR
IC5151	(Not supplied)	IC TPS63060DSCR
IC5200	671694501	IC BD8331GU-E2
IC5300	671815501	IC R1207N823B-TR-FE
IC5321	672097701	IC TPS61093DSKR
IC5500	(Not supplied)	IC NX5P2924CUKZ
IC5501	(Not supplied)	IC RP114K181D-TRB
IC5600	671678301	IC BD11600NUX-E2
* IC5651	672075901	IC OZ8072PN-C5-0-TR
IC5700	(Not supplied)	IC MB9AF004BGL-G-103-K1ERE1
IC6000	(Not supplied)	IC AMZ16NN02A
IC6001	(Not supplied)	IC RP114K181D-TRB
IC6280	(Not supplied)	IC MTF4GACAJCN-1M-002
IC6300	(Not supplied)	IC LTNNNN10A
IC6700	(Not supplied)	IC 74LVC125ABQ/CU, 115
IC6702	671078601	IC TC7SH125FU
IC6703	(Not supplied)	IC R5540K004D-TR
IC6760	670649101	IC TC7SH86FU
IC6850	671775101	IC BD6376GUL-E2
* IC7401	671511401	IC CXD9950AK
* IC8500	671979301	IC AK4695ECB-L
IC8501	(Not supplied)	IC RP130K281D-TR
		< CONNECTOR >
J7381	182019611	COAXIAL CONNECTOR (SMT TYPE)
		< COIL >
L0101	(Not supplied)	CHOKE COIL 2.2uH (2520)
L0102	(Not supplied)	CHOKE COIL 2.2uH (2520)
L0103	(Not supplied)	CHOKE COIL 4.7uH (2520)
L0105	(Not supplied)	CHOKE COIL 4.7uH (2520)
L0106	(Not supplied)	CHOKE COIL 10uH (2520)

Ref. No.	Part No.	Description
L0400	146984521	INDUCTOR 4.7uH
L0600	(Not supplied)	CHOKE COIL 2.2uH (2520)
L0812	(Not supplied)	CHOKE COIL 2.2uH
L0813	(Not supplied)	CHOKE COIL 2.2uH
L1420	(Not supplied)	COMMON MODE CHOKE COIL
L1421	(Not supplied)	COMMON MODE CHOKE COIL
L1422	(Not supplied)	COMMON MODE CHOKE COIL
L1423	(Not supplied)	COMMON MODE CHOKE COIL
L1424	(Not supplied)	COMMON MODE CHOKE COIL
L1425	(Not supplied)	COMMON MODE CHOKE COIL
L1426	(Not supplied)	COMMON MODE CHOKE COIL
L1427	(Not supplied)	COMMON MODE CHOKE COIL
L4000	145764821	COMMON MODE CHOKE COIL
L5150	(Not supplied)	CHOKE COIL 2.2uH (2520)
L5152	146088611	CHOKE COIL 1.0uH (2520)
L5300	(Not supplied)	CHOKE COIL 10uH (2520)
L5320	(Not supplied)	INDUCTOR 10uH
* L6081	140013621	INDUCTOR 4.7uH
* L6082	140013621	INDUCTOR 4.7uH
* L6122	140013621	INDUCTOR 4.7uH
* L6123	140013621	INDUCTOR 4.7uH
* L6320	140013621	INDUCTOR 4.7uH
* L6321	140013621	INDUCTOR 4.7uH
* L6360	140067421	INDUCTOR 4.7uH
* L6361	140013621	INDUCTOR 4.7uH
* L6370	140067421	INDUCTOR 4.7uH
* L6371	140013621	INDUCTOR 4.7uH
* L6372	140013621	INDUCTOR 4.7uH
L7330	(Not supplied)	INDUCTOR 2.2uH
L9000	(Not supplied)	COMMON MODE CHOKE COIL15 (0806)
L9001	(Not supplied)	COMMON MODE CHOKE COIL15 (0806)
L9002	(Not supplied)	COMMON MODE CHOKE COIL15 (0806)
L9003	(Not supplied)	COMMON MODE CHOKE COIL15 (0806)
		< TRANSISTOR >
Q0100	(Not supplied)	TRANSISTOR SSM3K15ACT
Q0401	(Not supplied)	TRANSISTOR SSM3K15ACT
Q0402	655163101	TRANSISTOR RN1104MFV (TL3S)
Q0403	(Not supplied)	TRANSISTOR SSM3K15ACT
Q0404	655163101	TRANSISTOR RN1104MFV (TL3S)
Q0600	655276101	TRANSISTOR TPCP8305, LSONYF
Q0601	655163001	TRANSISTOR RN1102MFV (TL3S)
Q0800	655120201	TRANSISTOR EM6K1T2R
Q0801	655120201	TRANSISTOR EM6K1T2R
Q0802	655353001	TRANSISTOR TPN11003NL
Q0803	655353001	TRANSISTOR TPN11003NL
* Q0804	655270001	TRANSISTOR SSM3K15AMFV, L3SF
Q3800	655163001	TRANSISTOR RN1102MFV (TL3S)
Q3801	655163001	TRANSISTOR RN1102MFV (TL3S)
Q4201	655163001	TRANSISTOR RN1102MFV (TL3S)
Q4202	(Not supplied)	TRANSISTOR SSM3K15ACT
Q4203	655348201	TRANSISTOR SSM3J56MFV
Q4204	655163001	TRANSISTOR RN1102MFV (TL3S)
Q4205	(Not supplied)	TRANSISTOR SSM3K15ACT
Q4900	655163101	TRANSISTOR RN1104MFV (TL3S)
Q5250	655163101	TRANSISTOR RN1104MFV (TL3S)
Q5252	(Not supplied)	TRANSISTOR SSM6J412TU, RSOYF
* Q5321	655221301	TRANSISTOR RW1A020ZPT2R
* Q5520	655221301	TRANSISTOR RW1A020ZPT2R
Q5521	655163101	TRANSISTOR RN1104MFV (TL3S)

Sony CONFIDENTIAL
For Authorized Servicer

ILCE-6400/6400L/6400M/6400Y

SY-1094

Ref. No.	Part No.	Description				Ref. No.	Part No.	Description			
Q5541	655163101	TRANSISTOR	RN1104MFV (TL3S			R1131	125725311	METAL CHIP	4.7K	1%	1/20W
* Q5542	655162501	TRANSISTOR	RN2104MFV (TL3S			R1133	125728511	METAL CHIP	100K	1%	1/20W
* Q5700	655359101	TRANSISTOR	SSM6J214FE			R1144	124067991	METAL CHIP	47	5%	1/20W
Q5701	655163001	TRANSISTOR	RN1102MFV (TL3S			R1145	124067991	METAL CHIP	47	5%	1/20W
Q5702	655274901	TRANSISTOR	RN2131MFV								
Q6001	655163001	TRANSISTOR	RN1102MFV (TL3S			R1146	124067991	METAL CHIP	47	5%	1/20W
Q6002	(Not supplied)	TRANSISTOR	SSM3K15ACT			R1147	124067991	METAL CHIP	47	5%	1/20W
* Q6121	655162401	TRANSISTOR	RN2102MFV (TL3S			* R1151	124070791	METAL CHIP	10K	5%	1/20W
Q6122	655163001	TRANSISTOR	RN1102MFV (TL3S			* R1152	124070791	METAL CHIP	10K	5%	1/20W
Q6700	655276101	TRANSISTOR	TPCP8305, LSONYF			* R1153	124070791	METAL CHIP	10K	5%	1/20W
* Q6703	655283001	TRANSISTOR	SSM6N15AFE								
* Q6704	655283001	TRANSISTOR	SSM6N15AFE			R1155	125725311	METAL CHIP	4.7K	1%	1/20W
* Q6705	655283001	TRANSISTOR	SSM6N15AFE			R1157	124067991	METAL CHIP	47	5%	1/20W
Q6706	655276101	TRANSISTOR	TPCP8305, LSONYF			R1158	124067991	METAL CHIP	47	5%	1/20W
Q6707	(Not supplied)	TRANSISTOR	SSM3K15ACT			R1159	124067991	METAL CHIP	47	5%	1/20W
Q6760	655163001	TRANSISTOR	RN1102MFV (TL3S			R1160	124067991	METAL CHIP	47	5%	1/20W
Q6761	655288301	TRANSISTOR	US6M2GTR								
Q6850	655163001	TRANSISTOR	RN1102MFV (TL3S			R1162	124068191	METAL CHIP	68	5%	1/20W
Q7890	872901322	TRANSISTOR	HN1A01FU			R1163	124068391	METAL CHIP	100	5%	1/20W
Q7891	655163001	TRANSISTOR	RN1102MFV (TL3S			R1164	124067891	METAL CHIP	33	5%	1/20W
Q9000	(Not supplied)	TRANSISTOR	NX3020NAKVYL			R1165	124067891	METAL CHIP	33	5%	1/20W
* Q9001	655270001	TRANSISTOR	SSM3K15AMFV, L3SF			R1172	124067891	METAL CHIP	33	5%	1/20W
		< RESISTOR >									
R0156	125727711	METAL CHIP	47K	1%	1/20W	R1173	124067891	METAL CHIP	33	5%	1/20W
R0157	(Not supplied)	METAL CHIP	15K	1%	1/20W	R1174	124067891	METAL CHIP	33	5%	1/20W
R0158	125728711	METAL CHIP	120K	1%	1/20W	R1175	124067891	METAL CHIP	33	5%	1/20W
R0159	125728511	METAL CHIP	100K	1%	1/20W	R1176	124069991	METAL CHIP	2.2K	5%	1/20W
R0160	124072291	METAL CHIP	220K	5%	1/20W	* R1177	124069991	METAL CHIP	2.2K	5%	1/20W
R0414	124067991	METAL CHIP	47	5%	1/20W	R1186	(Not supplied)	METAL CHIP	100K	5%	1/20W
R0428	(Not supplied)	METAL CHIP	100K	5%	1/20W	R1187	(Not supplied)	METAL CHIP	100K	5%	1/20W
R0431	124067991	METAL CHIP	47	5%	1/20W	R1188	(Not supplied)	METAL CHIP	100K	5%	1/20W
R0432	(Not supplied)	METAL CHIP	100K	5%	1/20W	R1197	125725311	METAL CHIP	4.7K	1%	1/20W
R0703	(Not supplied)	METAL CHIP	100K	5%	1/20W	R1222	124068791	METAL CHIP	220	5%	1/20W
R0705	124068391	METAL CHIP	100	5%	1/20W	R1223	124068791	METAL CHIP	220	5%	1/20W
R0707	124068391	METAL CHIP	100	5%	1/20W	R1236	124067891	METAL CHIP	33	5%	1/20W
R0715	125725311	METAL CHIP	4.7K	1%	1/20W	R1242	(Not supplied)	METAL CHIP	100K	5%	1/20W
R0717	(Not supplied)	METAL CHIP	100K	5%	1/20W	R1243	(Not supplied)	METAL CHIP	100K	5%	1/20W
R0723	124071391	METAL CHIP	33K	5%	1/20W	R1244	(Not supplied)	METAL CHIP	100K	5%	1/20W
R0724	124071191	METAL CHIP	22K	5%	1/20W	R2308	124067891	METAL CHIP	33	5%	1/20W
R0732	124072991	METAL CHIP	1M	5%	1/20W	R2320	124067891	METAL CHIP	33	5%	1/20W
R0733	124072991	METAL CHIP	1M	5%	1/20W	R2321	124067891	METAL CHIP	33	5%	1/20W
R0734	124072991	METAL CHIP	1M	5%	1/20W	R2322	124067891	METAL CHIP	33	5%	1/20W
R0738	124068791	METAL CHIP	220	5%	1/20W	R2323	124067891	METAL CHIP	33	5%	1/20W
R0739	124071491	METAL CHIP	47K	5%	1/20W	R3000	124068391	METAL CHIP	100	5%	1/20W
R0740	124071491	METAL CHIP	47K	5%	1/20W	R3001	124068391	METAL CHIP	100	5%	1/20W
R0741	124071491	METAL CHIP	47K	5%	1/20W	R3002	124068391	METAL CHIP	100	5%	1/20W
R0845	(Not supplied)	METAL CHIP	100K	5%	1/20W	R3003	124068391	METAL CHIP	100	5%	1/20W
R0852	(Not supplied)	METAL CHIP	100K	5%	1/20W	R3004	124068391	METAL CHIP	100	5%	1/20W
R0856	(Not supplied)	METAL CHIP	100K	5%	1/20W	R3005	124068391	METAL CHIP	100	5%	1/20W
R0857	125728911	METAL CHIP	150K	1%	1/20W	R3006	124068391	METAL CHIP	100	5%	1/20W
R0858	125728711	METAL CHIP	120K	1%	1/20W	R3007	124068391	METAL CHIP	100	5%	1/20W
R0865	(Not supplied)	METAL CHIP	100K	5%	1/20W	R3008	124068391	METAL CHIP	100	5%	1/20W
R0866	(Not supplied)	METAL CHIP	100K	5%	1/20W	R3009	124068391	METAL CHIP	100	5%	1/20W
R0867	121898581	METAL CHIP	470K	5%	1/16W	R3010	124068391	METAL CHIP	100	5%	1/20W
R0868	121894911	METAL CHIP	470	5%	1/16W	R3011	124068391	METAL CHIP	100	5%	1/20W
R0869	121894911	METAL CHIP	470	5%	1/16W	R3012	124068391	METAL CHIP	100	5%	1/20W
R1061	124071491	METAL CHIP	47K	5%	1/20W	R3013	124068391	METAL CHIP	100	5%	1/20W
R1062	124071491	METAL CHIP	47K	5%	1/20W	R3014	124068391	METAL CHIP	100	5%	1/20W
R1130	125725311	METAL CHIP	4.7K	1%	1/20W	R3015	124068391	METAL CHIP	100	5%	1/20W
						R3016	124068391	METAL CHIP	100	5%	1/20W
						R3017	124068391	METAL CHIP	100	5%	1/20W
						R3018	124068391	METAL CHIP	100	5%	1/20W
						R3019	124068391	METAL CHIP	100	5%	1/20W
						R3020	124068391	METAL CHIP	100	5%	1/20W

Sony CONFIDENTIAL
For Authorized Servicer

ILCE-6400/6400L/6400M/6400Y

SY-1094

Ref. No.	Part No.	Description				Ref. No.	Part No.	Description			
R3021	124068391	METAL CHIP	100	5%	1/20W	R5058	125728511	METAL CHIP	100K	1%	1/20W
R3022	124068391	METAL CHIP	100	5%	1/20W	R5100	125725111	METAL CHIP	3.9K	1%	1/20W
R3023	124068391	METAL CHIP	100	5%	1/20W	R5106	(Not supplied)	METAL CHIP	43K	1%	1/20W
R3024	124068391	METAL CHIP	100	5%	1/20W	R5107	(Not supplied)	METAL CHIP	100K	5%	1/20W
R3025	124068391	METAL CHIP	100	5%	1/20W	R5151	125053511	METAL CHIP	47K	1%	1/16W
R3026	124068291	METAL CHIP	82	5%	1/20W	* R5152	125051111	METAL CHIP	4.7K	1%	1/16W
R3027	124068291	METAL CHIP	82	5%	1/20W	R5153	125048711	METAL CHIP	470	1%	1/16W
R3028	124068291	METAL CHIP	82	5%	1/20W	* R5154	125054511	METAL CHIP	120K	1%	1/16W
R3029	124068291	METAL CHIP	82	5%	1/20W	R5155	125052111	METAL CHIP	12K	1%	1/16W
R3030	124068291	METAL CHIP	82	5%	1/20W	* R5156	125052311	METAL CHIP	15K	1%	1/16W
R3031	124068291	METAL CHIP	82	5%	1/20W	R5200	121894181	METAL CHIP	100	5%	1/16W
R3032	124068291	METAL CHIP	82	5%	1/20W	* R5203	124070791	METAL CHIP	10K	5%	1/20W
R3033	124068291	METAL CHIP	82	5%	1/20W	R5250	124072491	METAL CHIP	330K	5%	1/20W
R3034	124068291	METAL CHIP	82	5%	1/20W	R5251	(Not supplied)	METAL CHIP	100K	5%	1/20W
R3035	124068291	METAL CHIP	82	5%	1/20W	R5300	(Not supplied)	METAL CHIP	15	1%	1/20W
R3036	124068291	METAL CHIP	82	5%	1/20W	R5301	(Not supplied)	METAL CHIP	15	1%	1/20W
R3037	124068291	METAL CHIP	82	5%	1/20W	* R5331	124070791	METAL CHIP	10K	5%	1/20W
R3038	124068291	METAL CHIP	82	5%	1/20W	R5334	124072291	METAL CHIP	220K	5%	1/20W
R3039	124068291	METAL CHIP	82	5%	1/20W	R5335	125726111	METAL CHIP	10K	1%	1/20W
R3040	124068291	METAL CHIP	82	5%	1/20W	R5336	125729111	METAL CHIP	180K	1%	1/20W
R3041	124068291	METAL CHIP	82	5%	1/20W	R5337	125726111	METAL CHIP	10K	1%	1/20W
R3042	124068291	METAL CHIP	82	5%	1/20W	* R5338	124070791	METAL CHIP	10K	5%	1/20W
R3043	124068291	METAL CHIP	82	5%	1/20W	R5520	124072291	METAL CHIP	220K	5%	1/20W
R3044	124068291	METAL CHIP	82	5%	1/20W	R5543	125728511	METAL CHIP	100K	1%	1/20W
R3045	124068291	METAL CHIP	82	5%	1/20W	R5544	125727711	METAL CHIP	47K	1%	1/20W
R3046	124068291	METAL CHIP	82	5%	1/20W	* R5600	124070791	METAL CHIP	10K	5%	1/20W
R3047	124068291	METAL CHIP	82	5%	1/20W	R5650	124067991	METAL CHIP	47	5%	1/20W
R3048	124068291	METAL CHIP	82	5%	1/20W	* R5654	125050311	METAL CHIP	2.2K	1%	1/16W
R3049	124068291	METAL CHIP	82	5%	1/20W	* R5655	124069991	METAL CHIP	2.2K	5%	1/20W
R3050	124068291	METAL CHIP	82	5%	1/20W	* R5656	124069991	METAL CHIP	2.2K	5%	1/20W
R3051	124068391	METAL CHIP	100	5%	1/20W	* R5657	124616791	METAL CHIP	1	5%	1/20W
R3052	124068391	METAL CHIP	100	5%	1/20W	* R5660	124069991	METAL CHIP	2.2K	5%	1/20W
R3054	124067991	METAL CHIP	47	5%	1/20W	R5701	124070191	METAL CHIP	3.3K	5%	1/20W
R3056	124067991	METAL CHIP	47	5%	1/20W	R5702	124069791	METAL CHIP	1.5K	5%	1/20W
R3063	124068391	METAL CHIP	100	5%	1/20W	R5711	124071191	METAL CHIP	22K	5%	1/20W
R3404	124067991	METAL CHIP	47	5%	1/20W	* R5712	124067691	METAL CHIP	22	5%	1/20W
R3405	124067991	METAL CHIP	47	5%	1/20W	* R5713	124067691	METAL CHIP	22	5%	1/20W
R3800	124070191	METAL CHIP	3.3K	5%	1/20W	* R5715	124070791	METAL CHIP	10K	5%	1/20W
R3801	(Not supplied)	METAL CHIP	100K	5%	1/20W	* R5716	124070791	METAL CHIP	10K	5%	1/20W
R3802	(Not supplied)	METAL CHIP	100K	5%	1/20W	* R5717	124070791	METAL CHIP	10K	5%	1/20W
* R4007	124070791	METAL CHIP	10K	5%	1/20W	R6002	124069591	METAL CHIP	1K	5%	1/20W
* R4008	124070791	METAL CHIP	10K	5%	1/20W	R6003	124069591	METAL CHIP	1K	5%	1/20W
R4011	124072191	METAL CHIP	180K	5%	1/20W	R6004	124067991	METAL CHIP	47	5%	1/20W
R4014	124072191	METAL CHIP	180K	5%	1/20W	R6006	(Not supplied)	METAL CHIP	100K	5%	1/20W
* R4223	124069991	METAL CHIP	2.2K	5%	1/20W	* R6007	124069991	METAL CHIP	2.2K	5%	1/20W
* R4227	124069991	METAL CHIP	2.2K	5%	1/20W	R6025	125726311	METAL CHIP	12K	1%	1/20W
R4231	(Not supplied)	METAL CHIP	100K	5%	1/20W	R6083	125724111	METAL CHIP	1.5K	1%	1/20W
R4232	121898181	METAL CHIP	220K	5%	1/16W	* R6085	125721511	METAL CHIP	120	1%	1/20W
* R4233	124070791	METAL CHIP	10K	5%	1/20W	R6121	121894511	METAL CHIP	220	5%	1/16W
R4237	(Not supplied)	METAL CHIP	100K	5%	1/20W	R6122	(Not supplied)	METAL CHIP	200	1%	1/20W
R4238	124070391	METAL CHIP	4.7K	5%	1/20W	R6183	125722211	METAL CHIP	240	1%	1/20W
* R4901	124070791	METAL CHIP	10K	5%	1/20W	R6184	125722211	METAL CHIP	240	1%	1/20W
* R4902	124070791	METAL CHIP	10K	5%	1/20W	R6187	125722211	METAL CHIP	240	1%	1/20W
R4905	121894381	METAL CHIP	150	5%	1/16W	R6188	125722211	METAL CHIP	240	1%	1/20W
R4920	124069591	METAL CHIP	1K	5%	1/20W	R6320	124069591	METAL CHIP	1K	5%	1/20W
R4928	121894181	METAL CHIP	100	5%	1/16W	R6360	125726911	METAL CHIP	22K	1%	1/20W
R5050	(Not supplied)	METAL CHIP	100K	5%	1/20W	R6361	125726111	METAL CHIP	10K	1%	1/20W
R5051	(Not supplied)	METAL CHIP	100K	5%	1/20W	R6362	125726311	METAL CHIP	12K	1%	1/20W
R5056	125726111	METAL CHIP	10K	1%	1/20W	R6700	124068391	METAL CHIP	100	5%	1/20W
R5057	125725311	METAL CHIP	4.7K	1%	1/20W	R6702	(Not supplied)	METAL CHIP	100K	5%	1/20W

Sony CONFIDENTIAL
For Authorized Servicer

ILCE-6400/6400L/6400M/6400Y

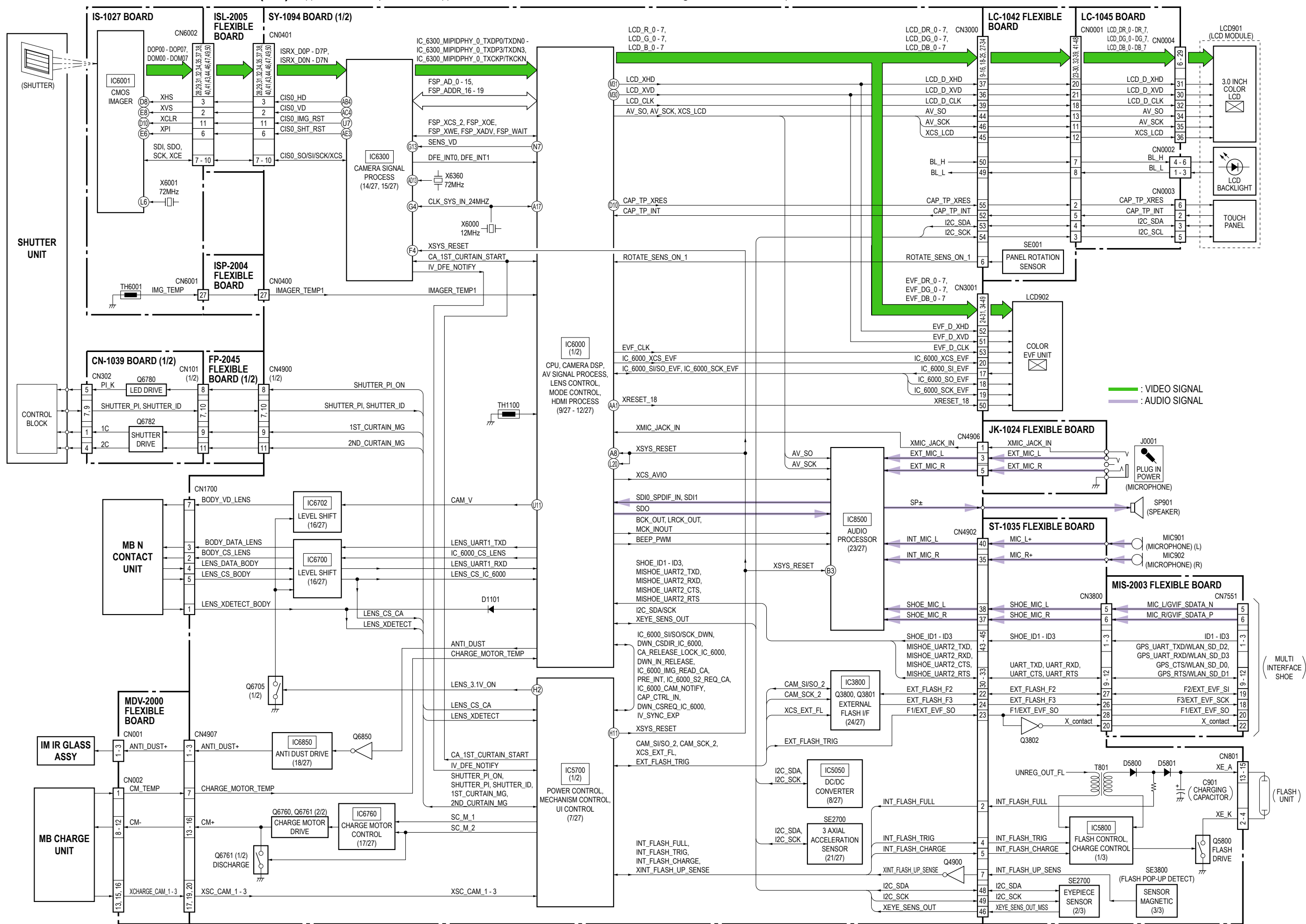
SY-1094

Ref. No.	Part No.	Description			
R6703	124071191	METAL CHIP	22K	5%	1/20W
R6704	124072991	METAL CHIP	1M	5%	1/20W
* R6706	124070791	METAL CHIP	10K	5%	1/20W
* R6707	124070791	METAL CHIP	10K	5%	1/20W
R6708	121894181	METAL CHIP	100	5%	1/16W
R6709	124069591	METAL CHIP	1K	5%	1/20W
* R6710	124070791	METAL CHIP	10K	5%	1/20W
R6711	124072991	METAL CHIP	1M	5%	1/20W
R6714	124070391	METAL CHIP	4.7K	5%	1/20W
R6715	124068791	METAL CHIP	220	5%	1/20W
R6716	124068791	METAL CHIP	220	5%	1/20W
R6731	(Not supplied)	METAL CHIP	100K	5%	1/20W
R6732	124070591	METAL CHIP	6.8K	5%	1/20W
R6733	(Not supplied)	METAL CHIP	100K	5%	1/20W
R6734	(Not supplied)	METAL CHIP	100K	5%	1/20W
* R6735	124070791	METAL CHIP	10K	5%	1/20W
* R6736	124070791	METAL CHIP	10K	5%	1/20W
* R6737	124070791	METAL CHIP	10K	5%	1/20W
* R6738	124070791	METAL CHIP	10K	5%	1/20W
R6739	124069191	METAL CHIP	470	5%	1/20W
R6740	124069191	METAL CHIP	470	5%	1/20W
R6741	124069191	METAL CHIP	470	5%	1/20W
R6742	124069191	METAL CHIP	470	5%	1/20W
R6743	124069191	METAL CHIP	470	5%	1/20W
R6744	124069191	METAL CHIP	470	5%	1/20W
R6760	124069591	METAL CHIP	1K	5%	1/20W
R6762	(Not supplied)	METAL CHIP	100K	5%	1/20W
R6763	(Not supplied)	METAL CHIP	100K	5%	1/20W
R6850	124069591	METAL CHIP	1K	5%	1/20W
R6851	121678991	METAL CHIP	2.2	5%	1/10W
R7890	124069591	METAL CHIP	1K	5%	1/20W
R7891	121679691	METAL CHIP	8.2	5%	1/10W
R7892	121679991	METAL CHIP	15	5%	1/10W
R8500	124070591	METAL CHIP	6.8K	5%	1/20W
R8501	124070591	METAL CHIP	6.8K	5%	1/20W
* R8502	124069991	METAL CHIP	2.2K	5%	1/20W
R8503	124068791	METAL CHIP	220	5%	1/20W
R8504	124068791	METAL CHIP	220	5%	1/20W
* R8505	124069991	METAL CHIP	2.2K	5%	1/20W
R8508	124072291	METAL CHIP	220K	5%	1/20W
R9000	124071291	METAL CHIP	27K	5%	1/20W
R9009	124070391	METAL CHIP	4.7K	5%	1/20W
R9010	124070391	METAL CHIP	4.7K	5%	1/20W
R9011	124069891	METAL CHIP	1.8K	5%	1/20W
R9012	124069891	METAL CHIP	1.8K	5%	1/20W
		< SENSOR >			
* SE2700	149006431	SENSOR 3 AXIAL ACCELERATION			
		< THERMISTOR >			
TH1100	180494912	THERMISTOR, NTC (SMD)			
		< VARISTOR >			
* VR4900	180225121	CHIP VARISTOR			
VR4901	(Not supplied)	VARISTOR, CHIP			
VR4902	(Not supplied)	VARISTOR, CHIP			
* VR4903	180225121	CHIP VARISTOR			
VR6700	180209021	VARISTOR, CHIP			

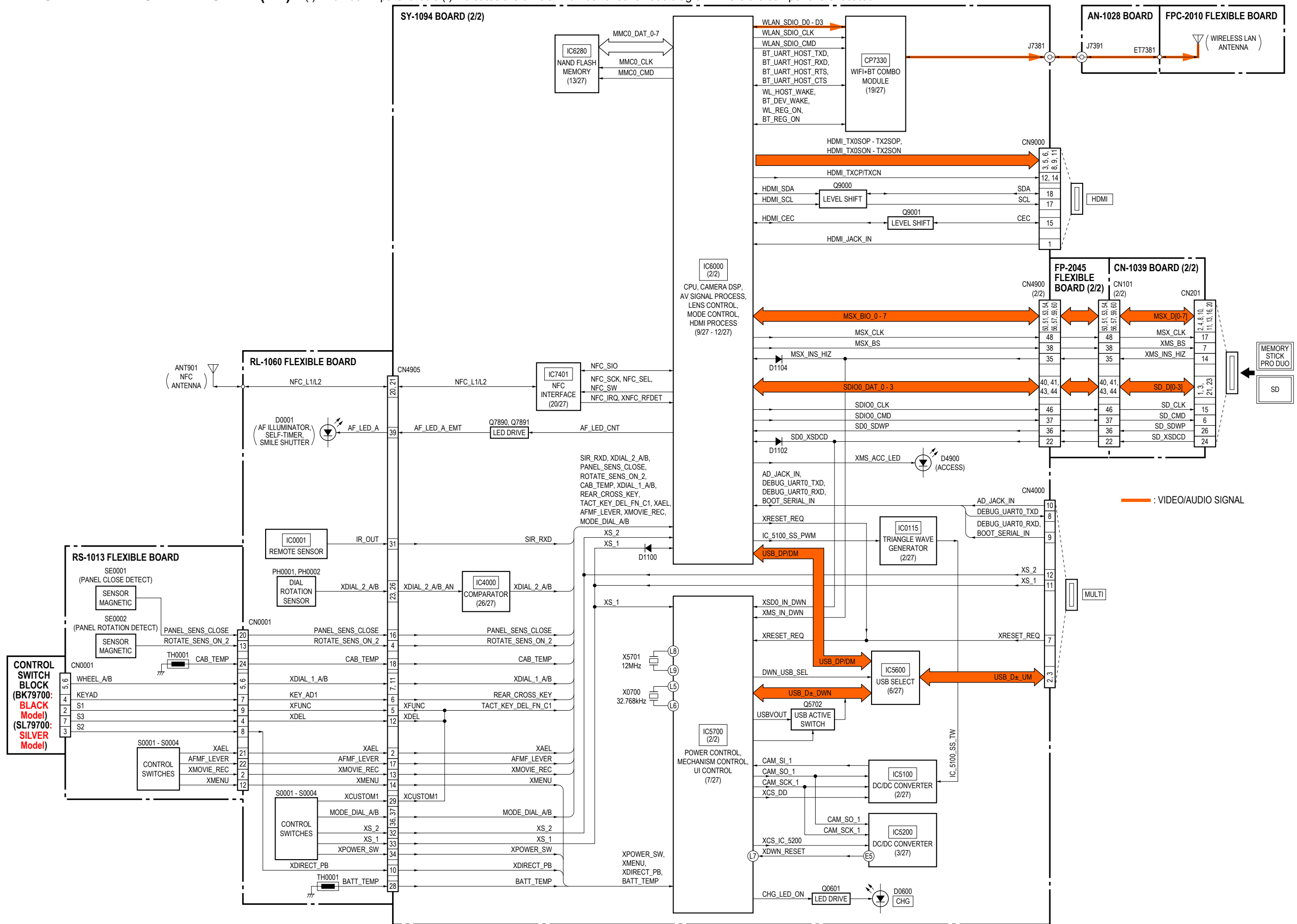
Ref. No.	Part No.	Description
		< VIBRATOR >
X0700	181470211	QUARTZ CRYSTAL UNITS (32.768kHz)
X5701	181430411	VIBRATOR, CRYSTAL (12MHz)
X6000	181407221	VIBRATOR, CRYSTAL (24MHz)
X6360	(Not supplied)	QUARTZ CRYSTAL OSCILLATOR (72MHz)

2. BLOCK DIAGRAMS

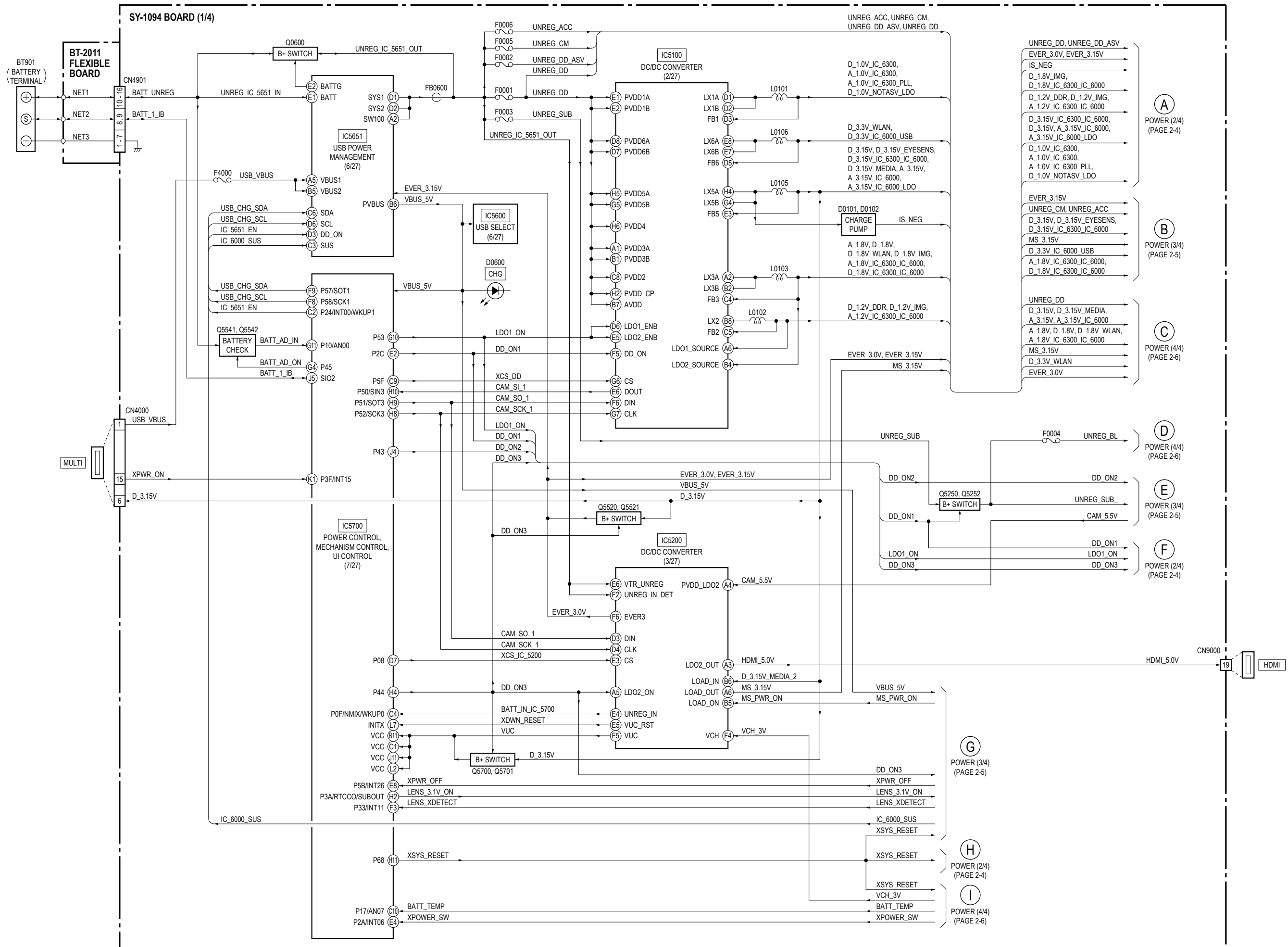
2-1. OVERALL BLOCK DIAGRAM (1/2) () : Number in parenthesis () indicates the division number of schematic diagram where the component is located.



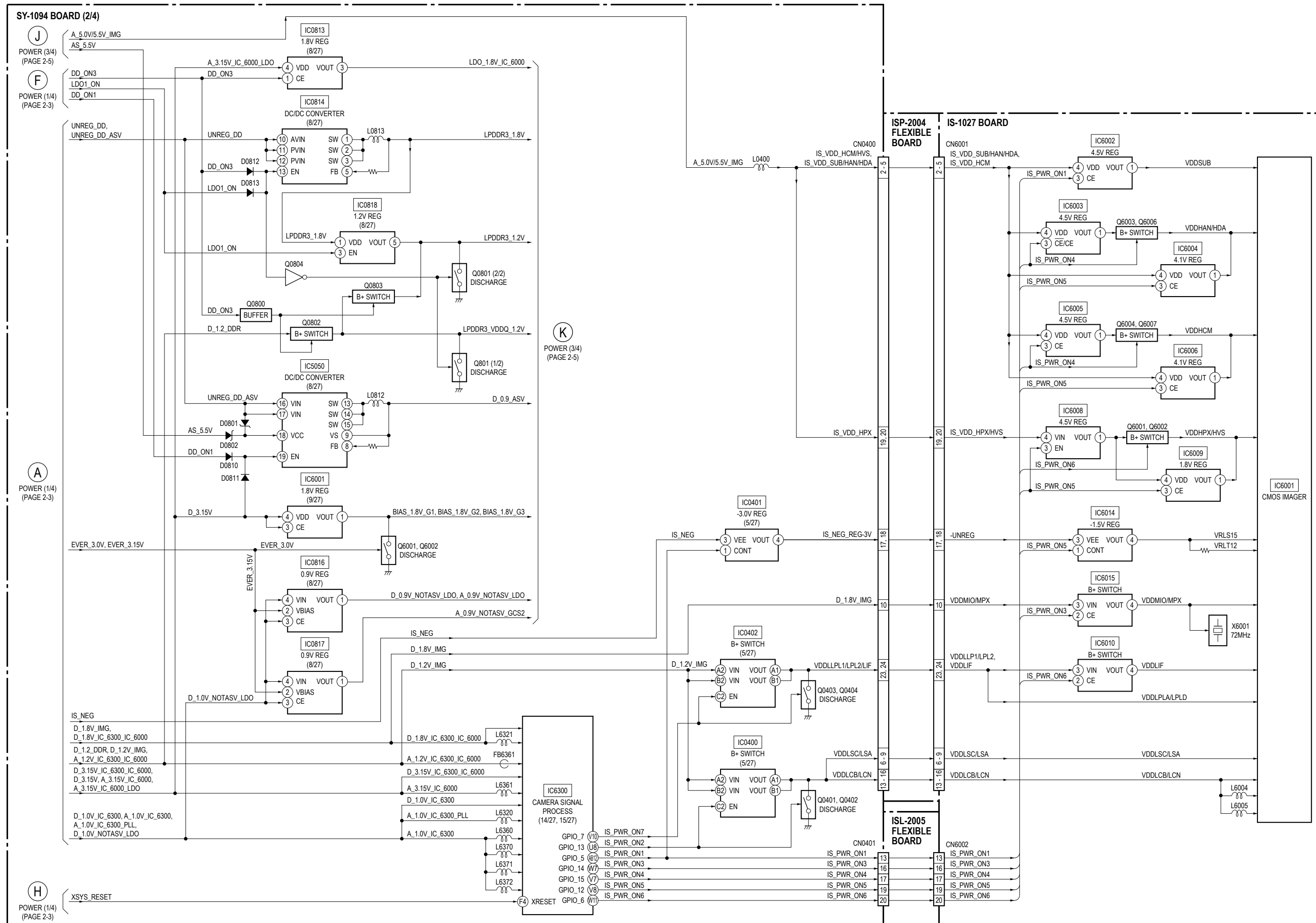
2-2. OVERALL BLOCK DIAGRAM (2/2) () : Number in parenthesis () indicates the division number of schematic diagram where the component is located.



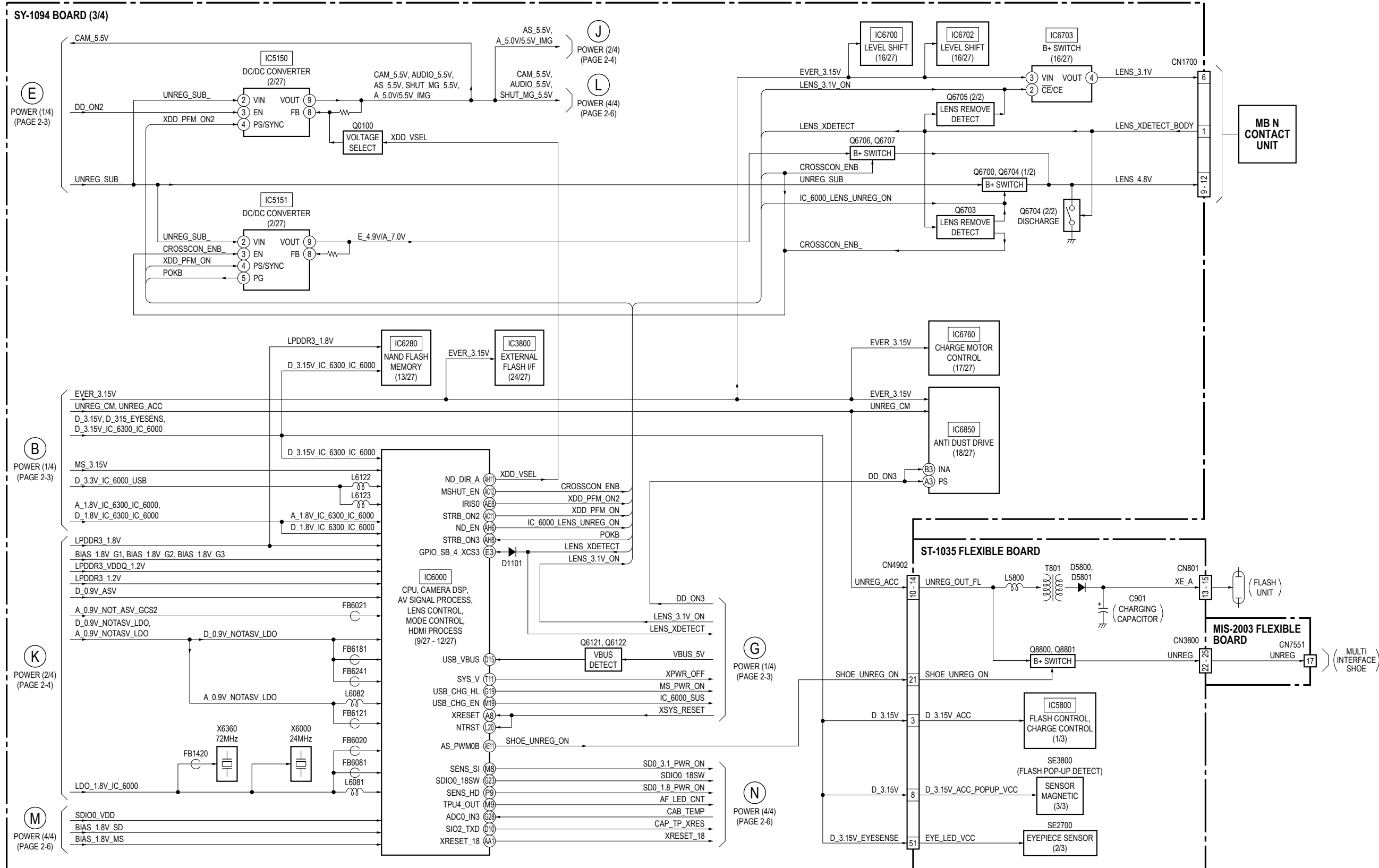
2-3. POWER BLOCK DIAGRAM (1/4) (): Number in parenthesis () indicates the division number of schematic diagram where the component is located.



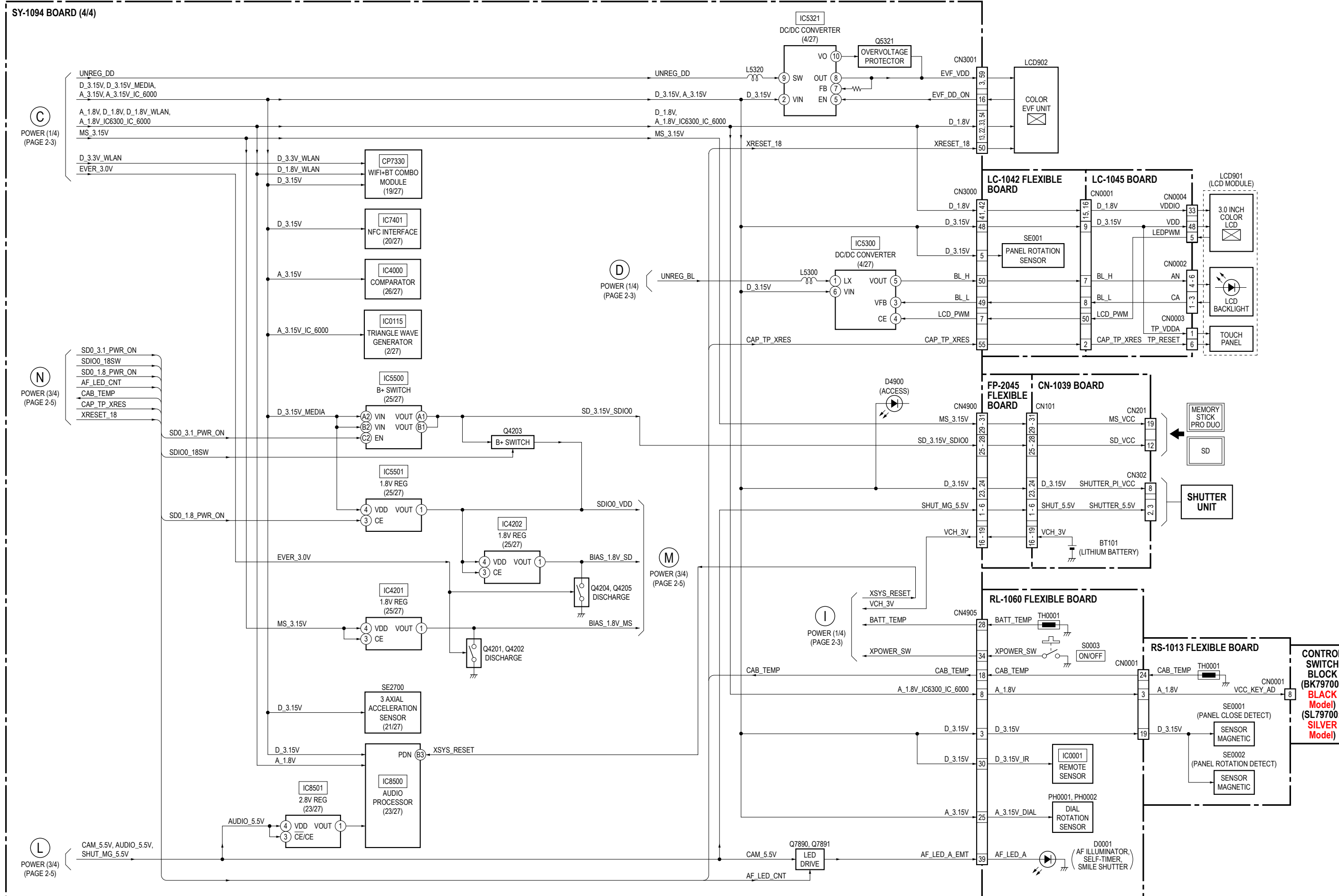
2-4. POWER BLOCK DIAGRAM (2/4) () : Number in parenthesis () indicates the division number of schematic diagram where the component is located.



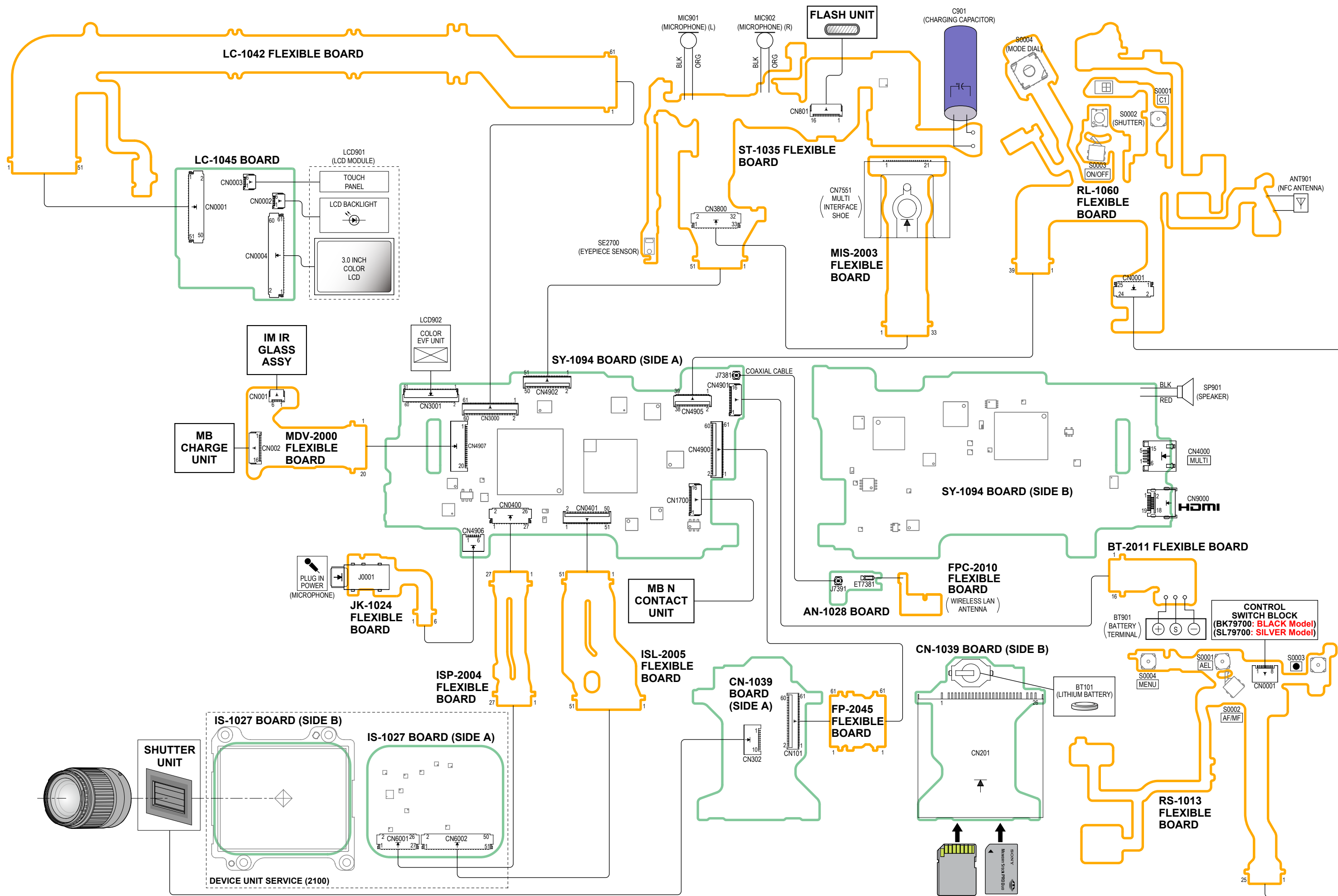
2-5. POWER BLOCK DIAGRAM (3/4) () : Number in parenthesis () indicates the division number of schematic diagram where the component is located.

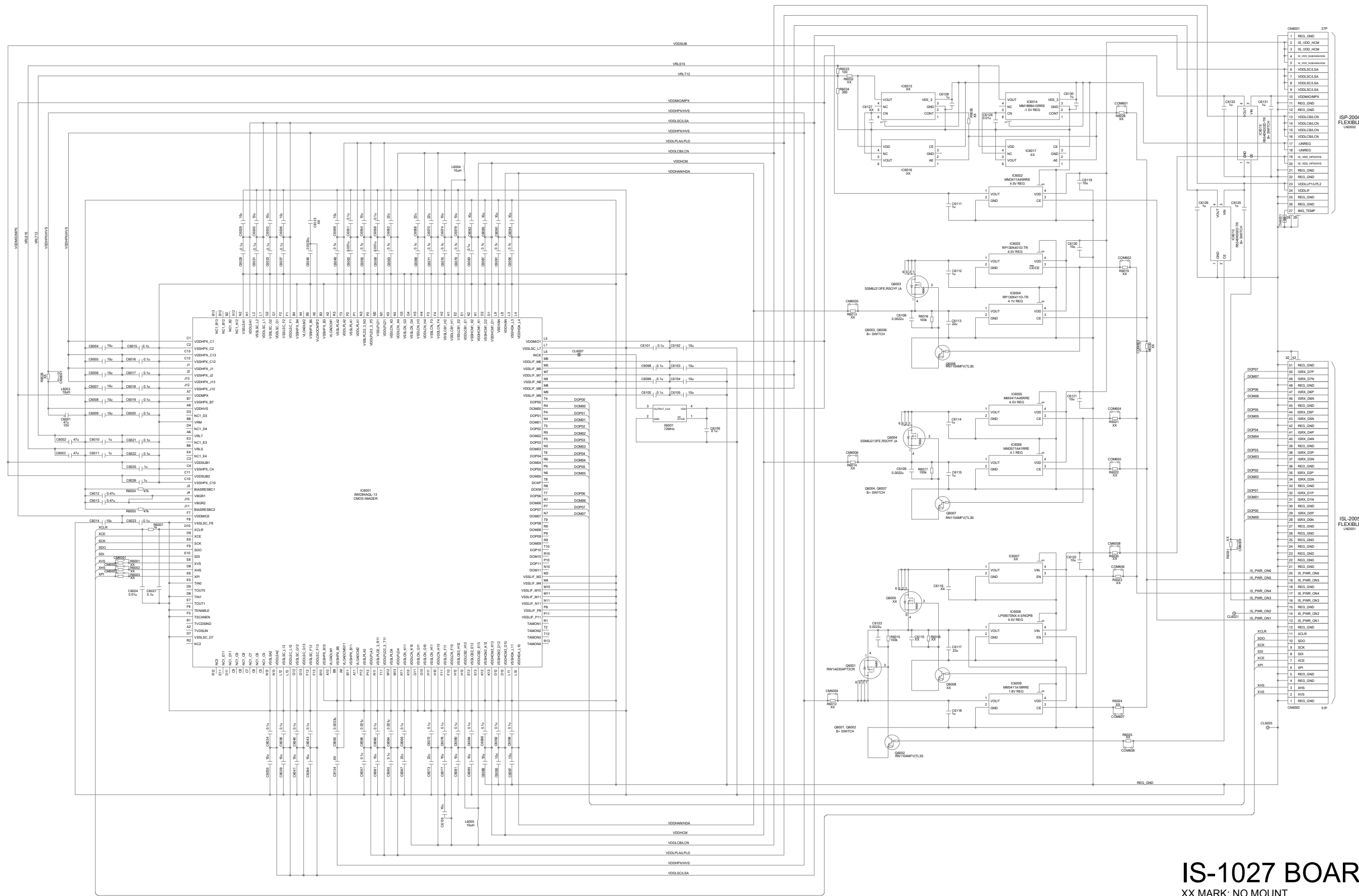


2-6. POWER BLOCK DIAGRAM (4/4) () : Number in parenthesis () indicates the division number of schematic diagram where the component is located.

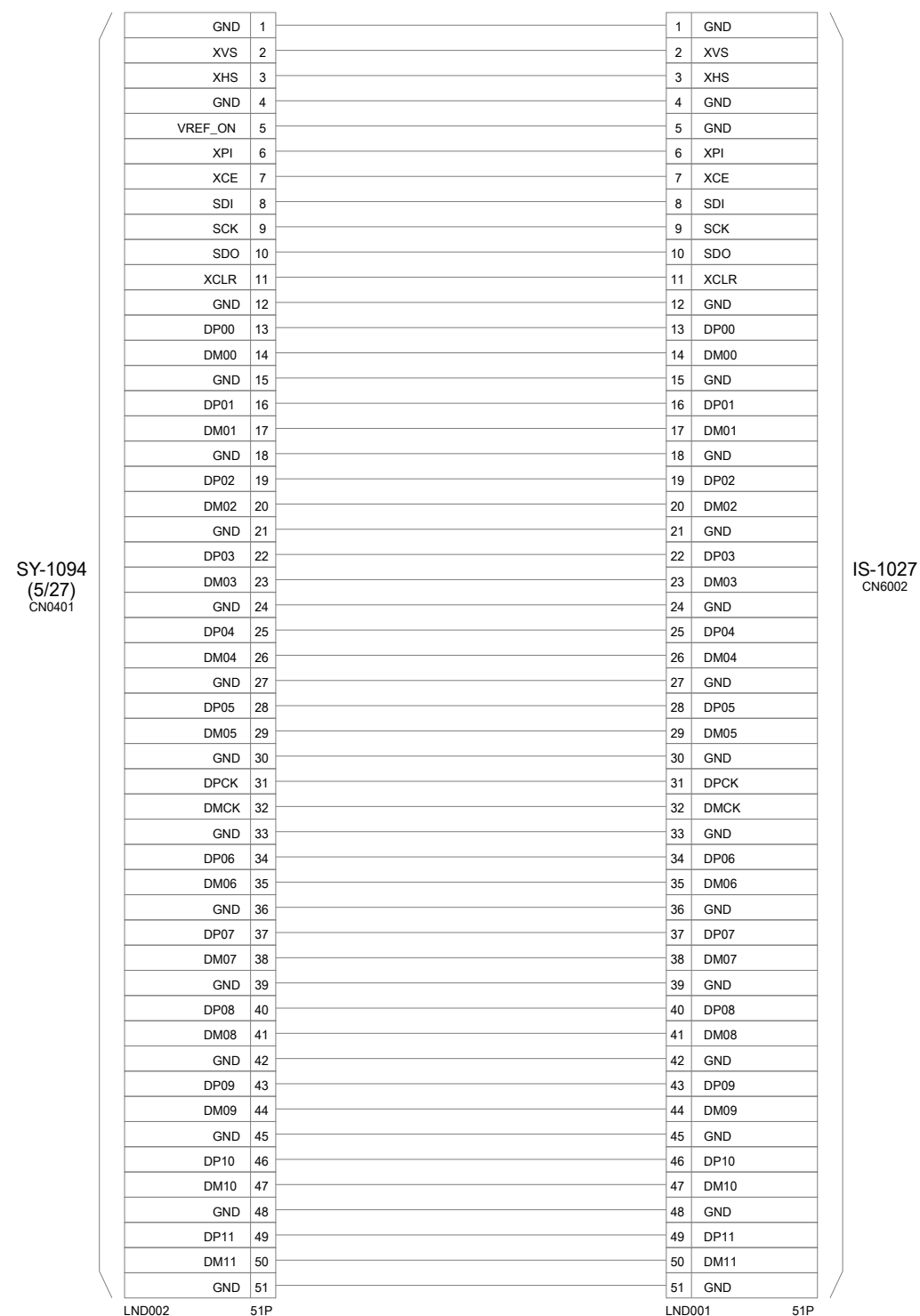


3. FRAME SCHEMATIC DIAGRAMS

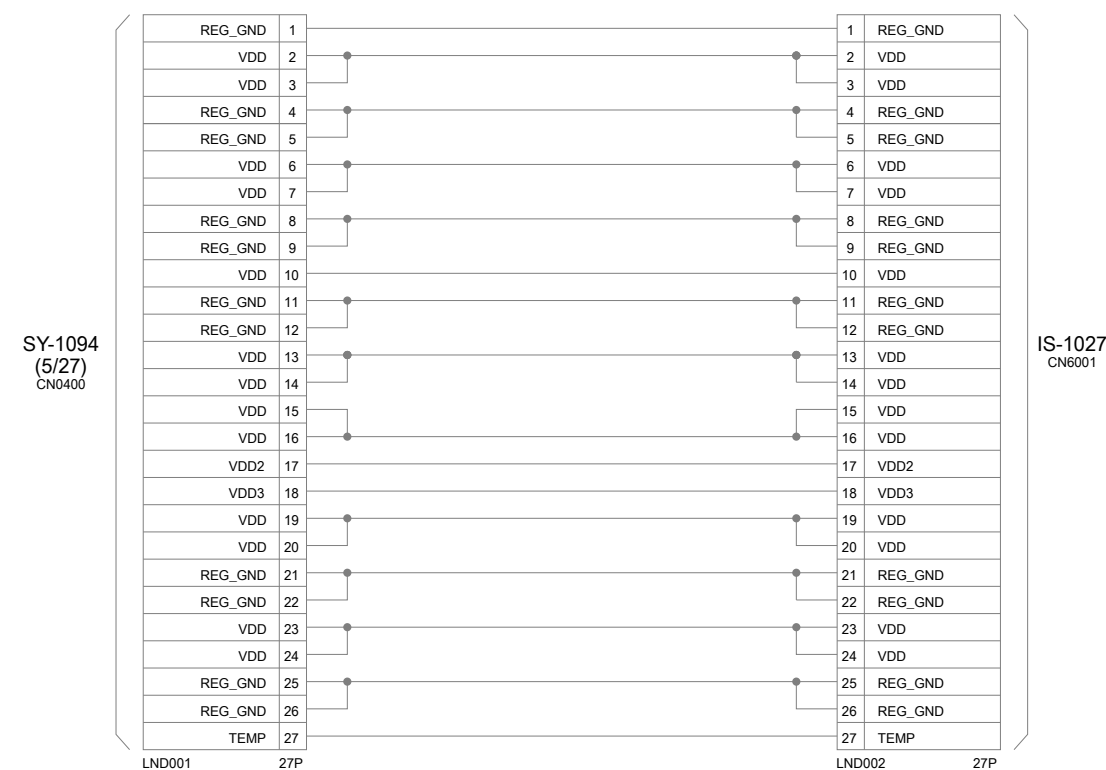




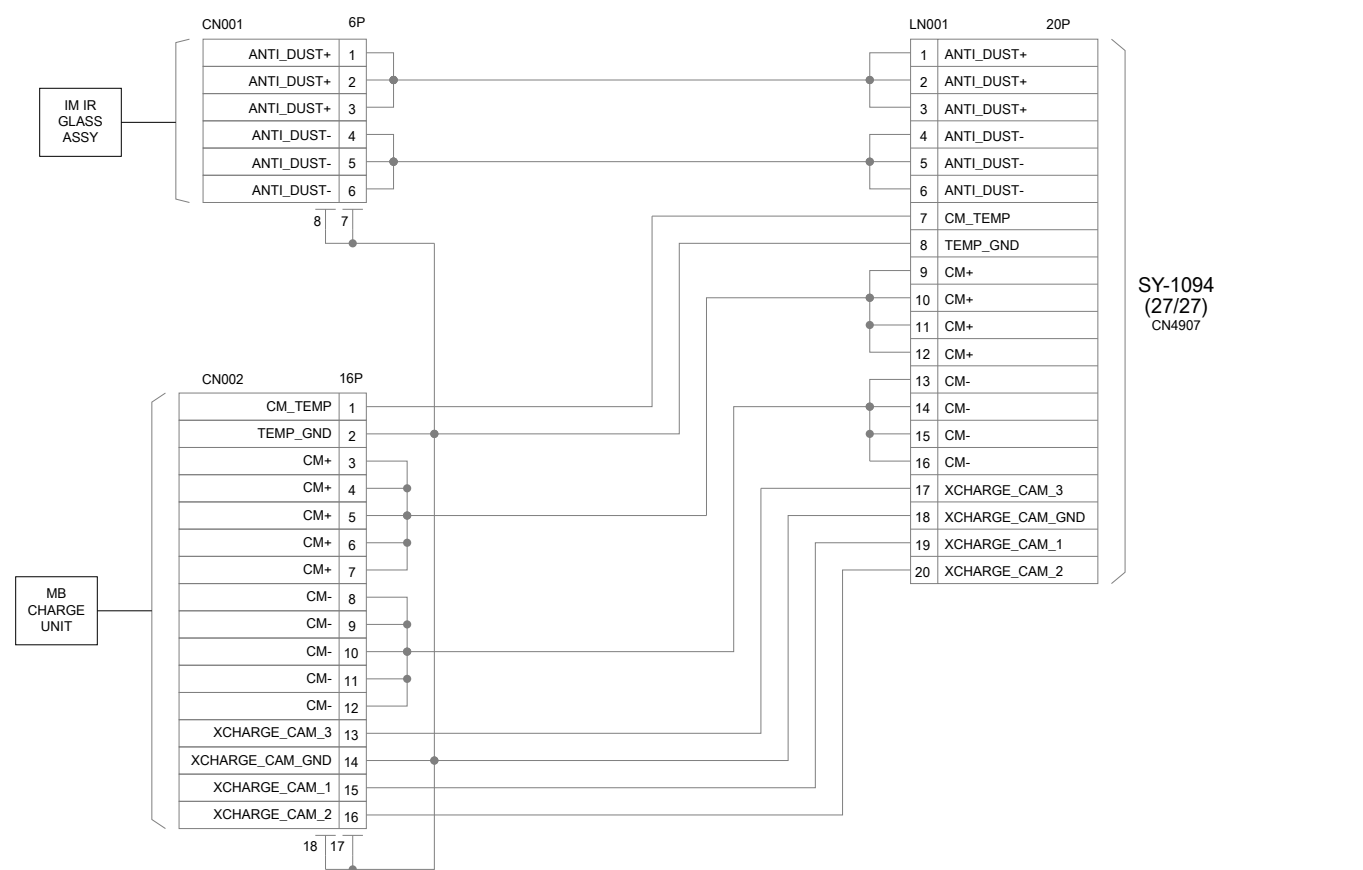
IS-1027 BOARD
XX MARK: NO MOUNT



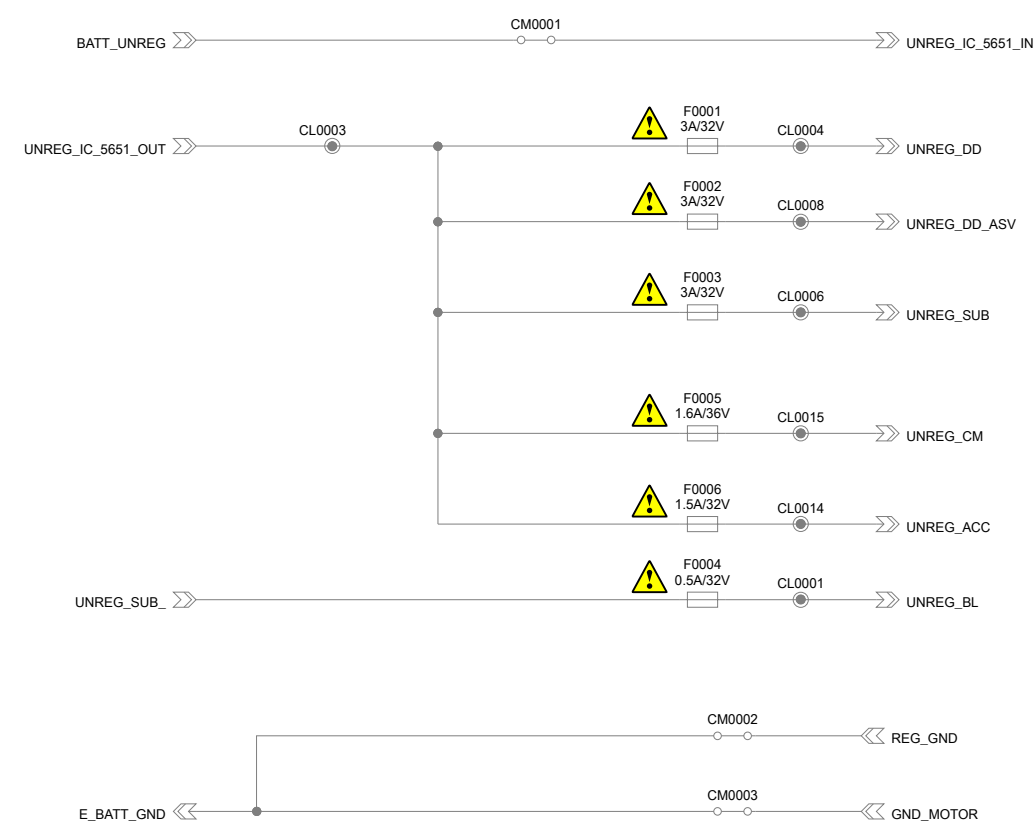
ISL-2005 FLEXIBLE BOARD



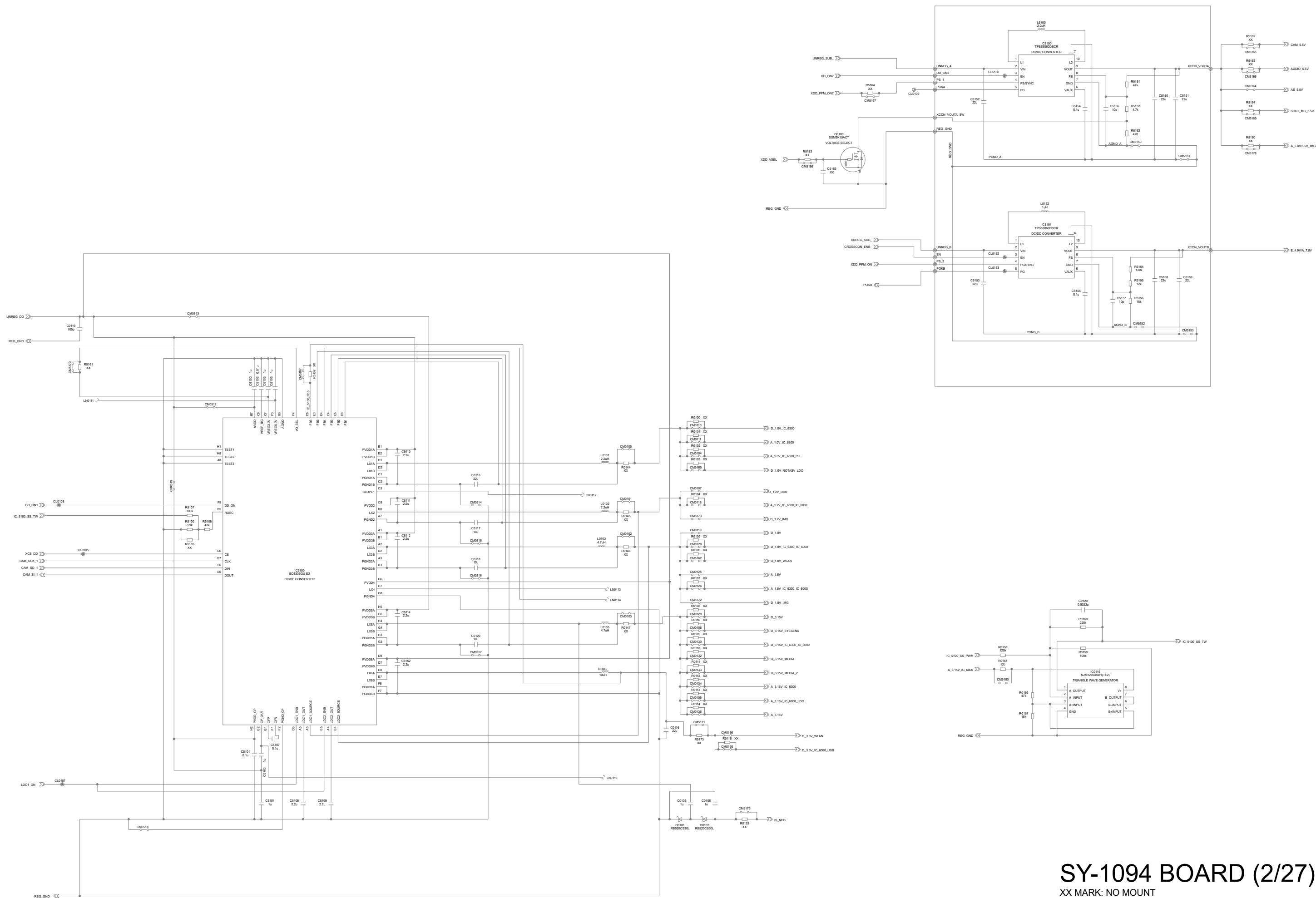
ISP-2004 FLEXIBLE BOARD



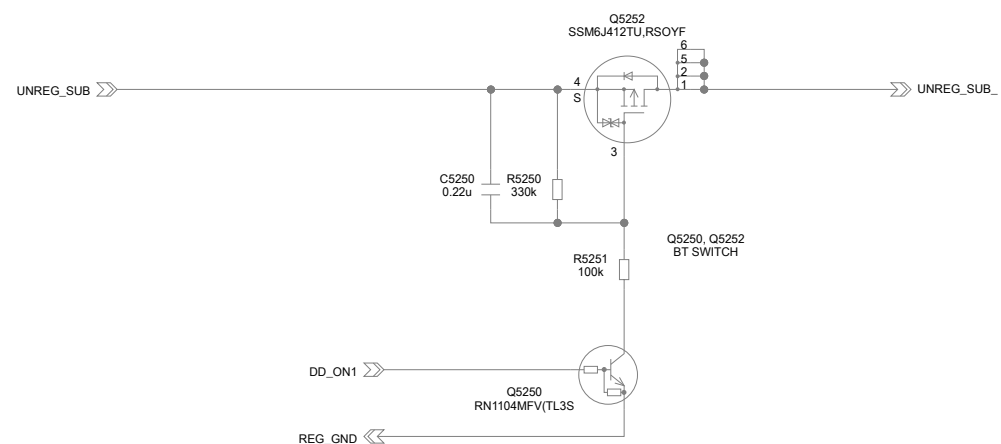
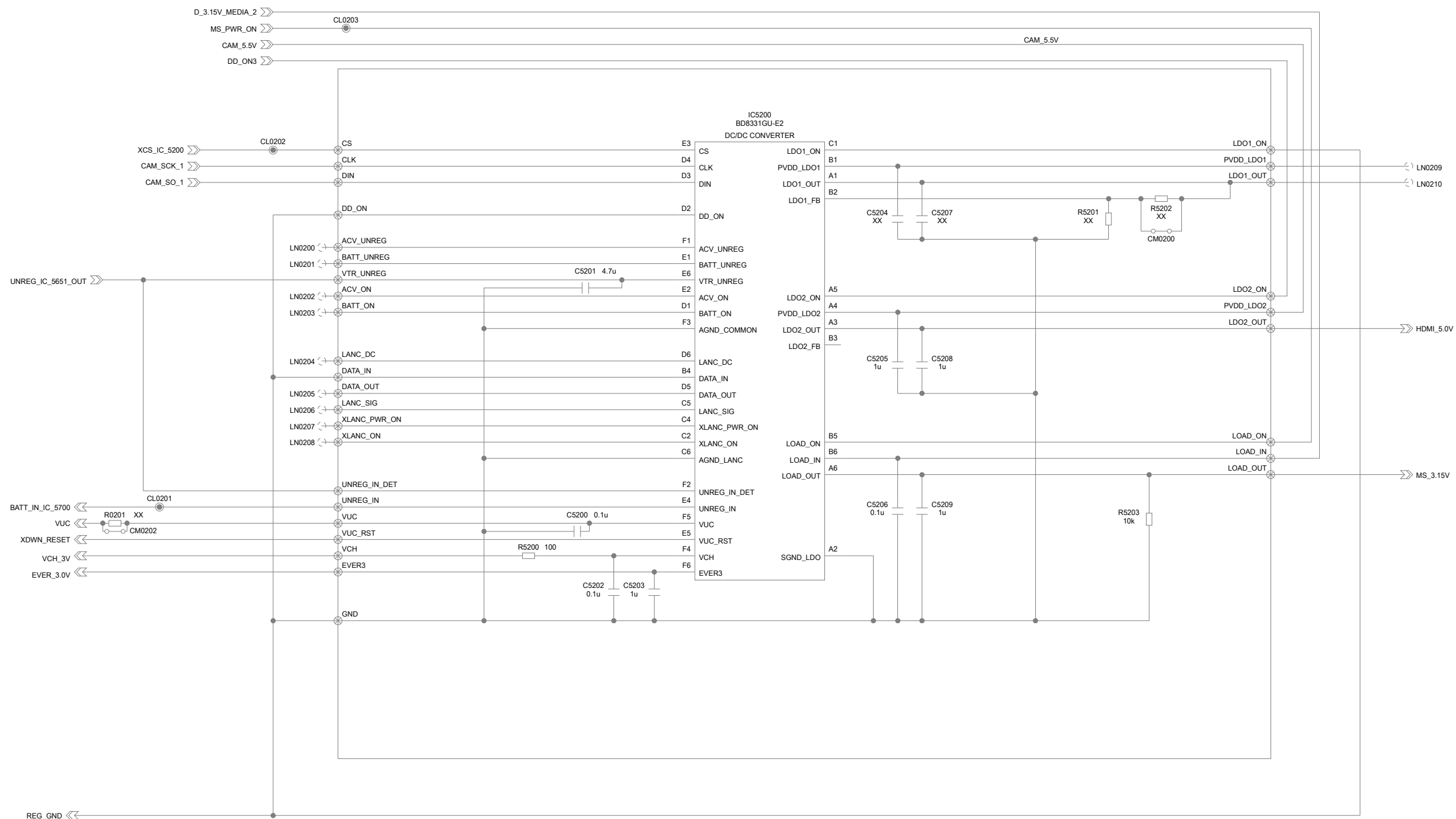
MDV-2000 FLEXIBLE BOARD



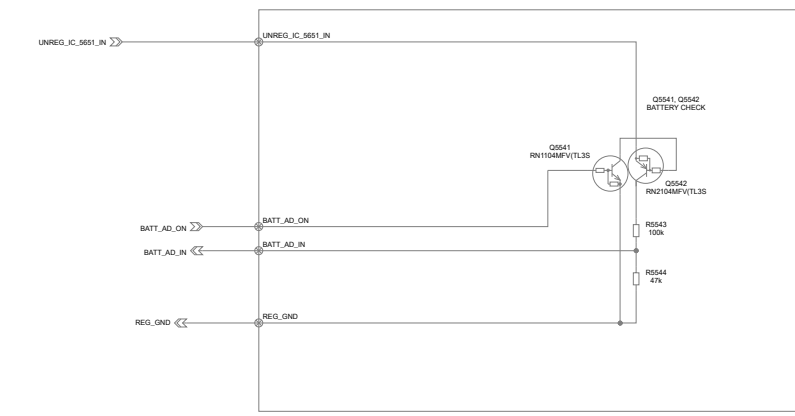
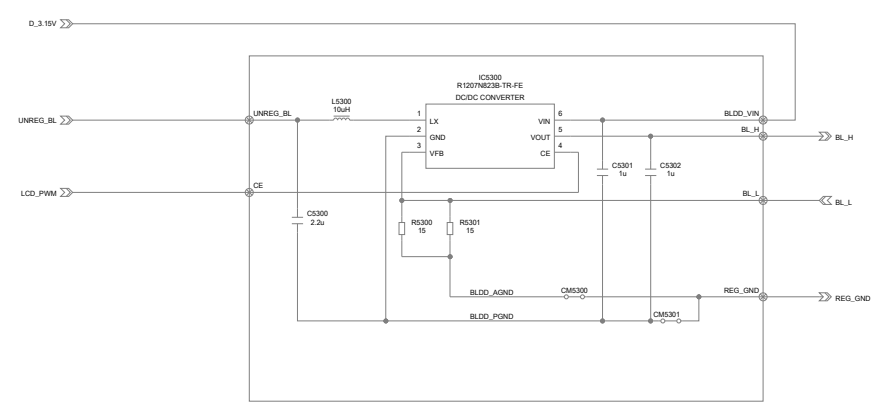
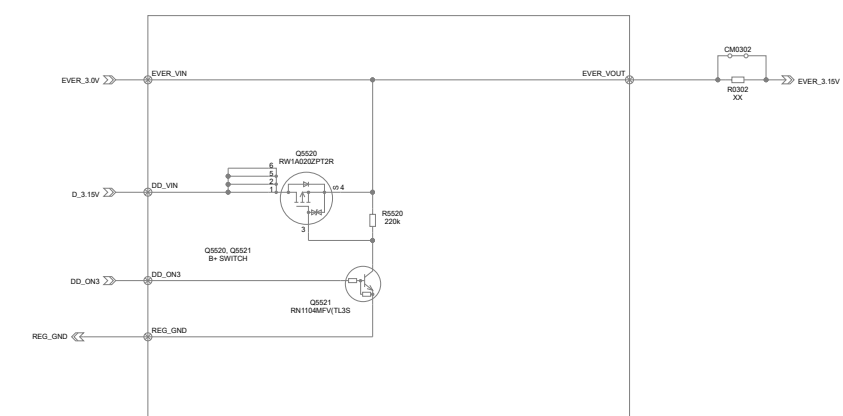
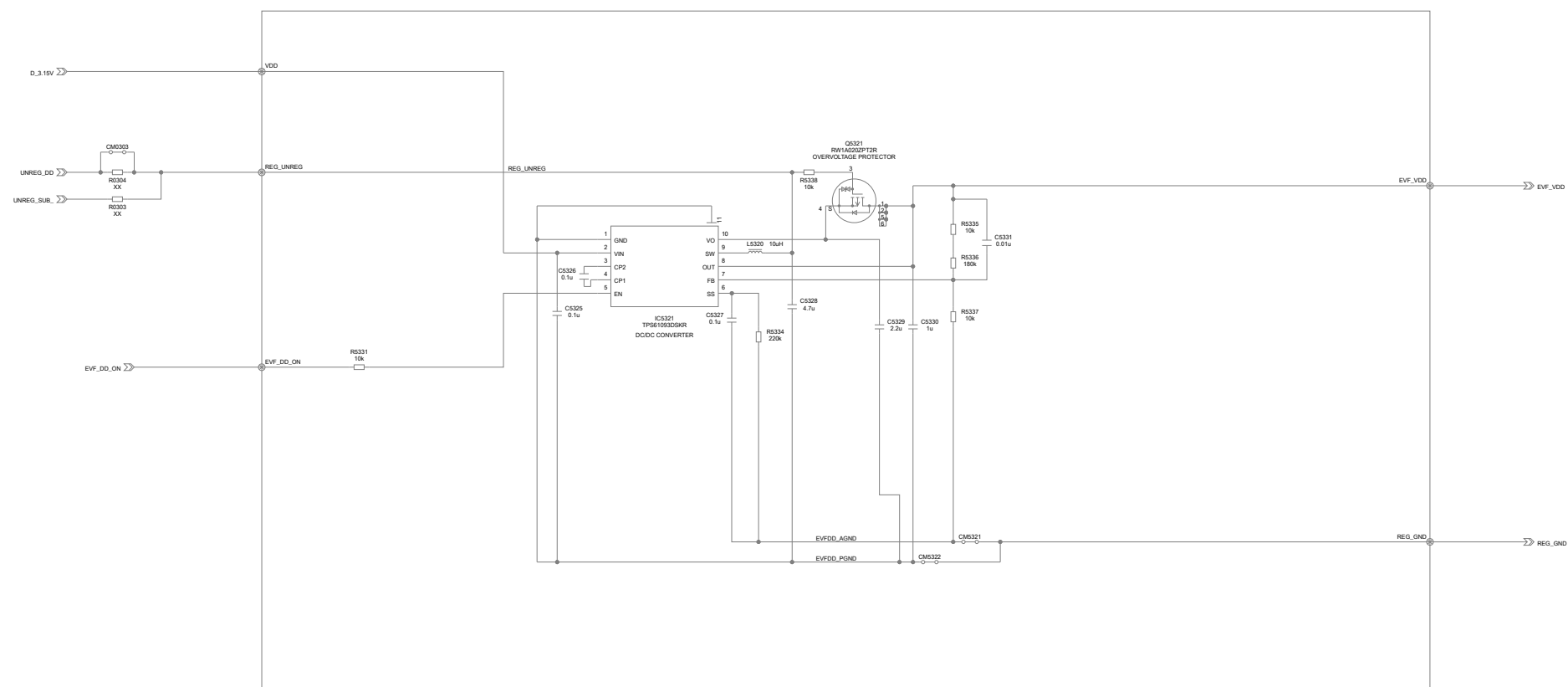
SY-1094 BOARD (1/27)



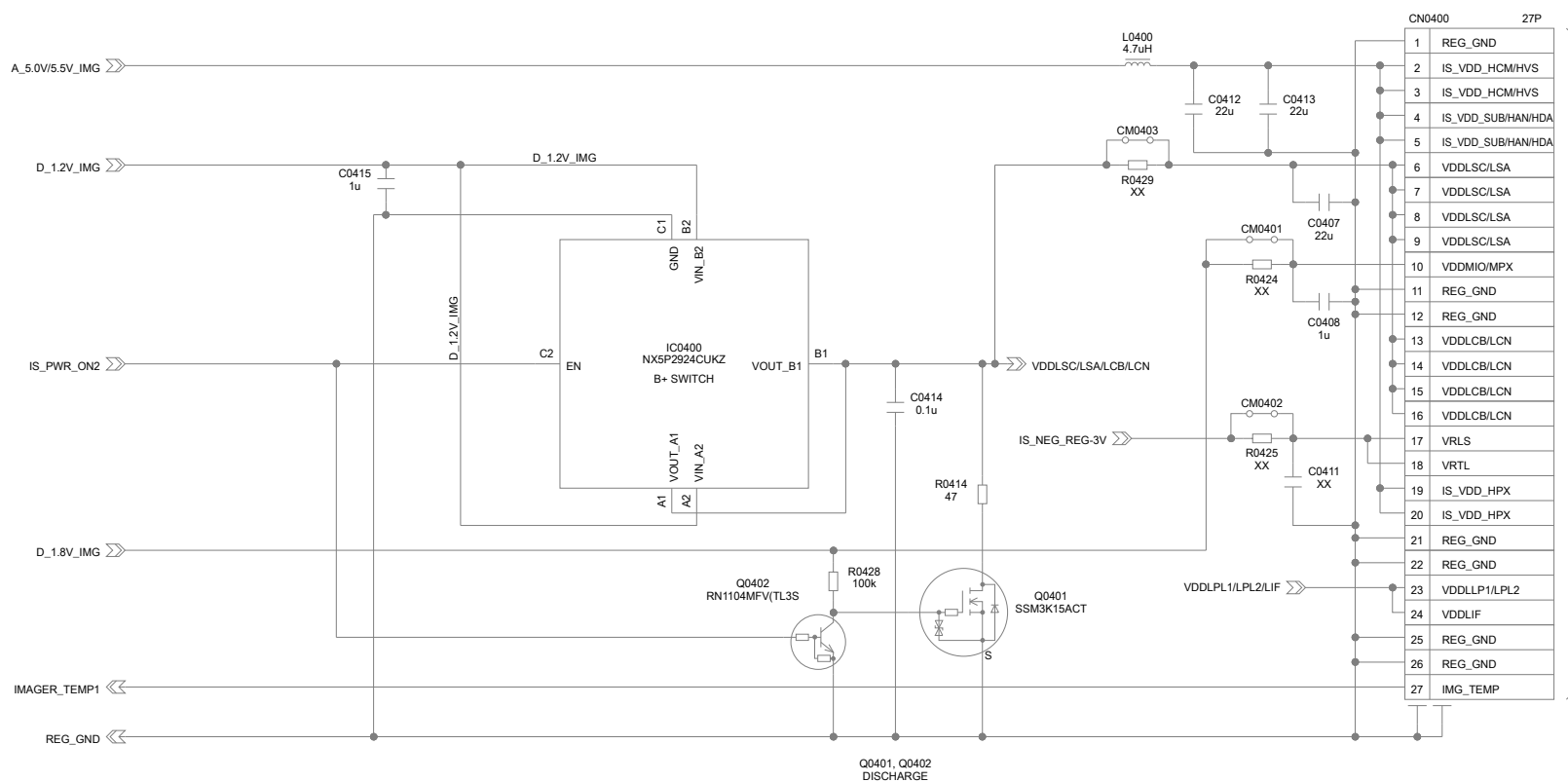
SY-1094 BOARD (2/27)
XX MARK: NO MOUNT



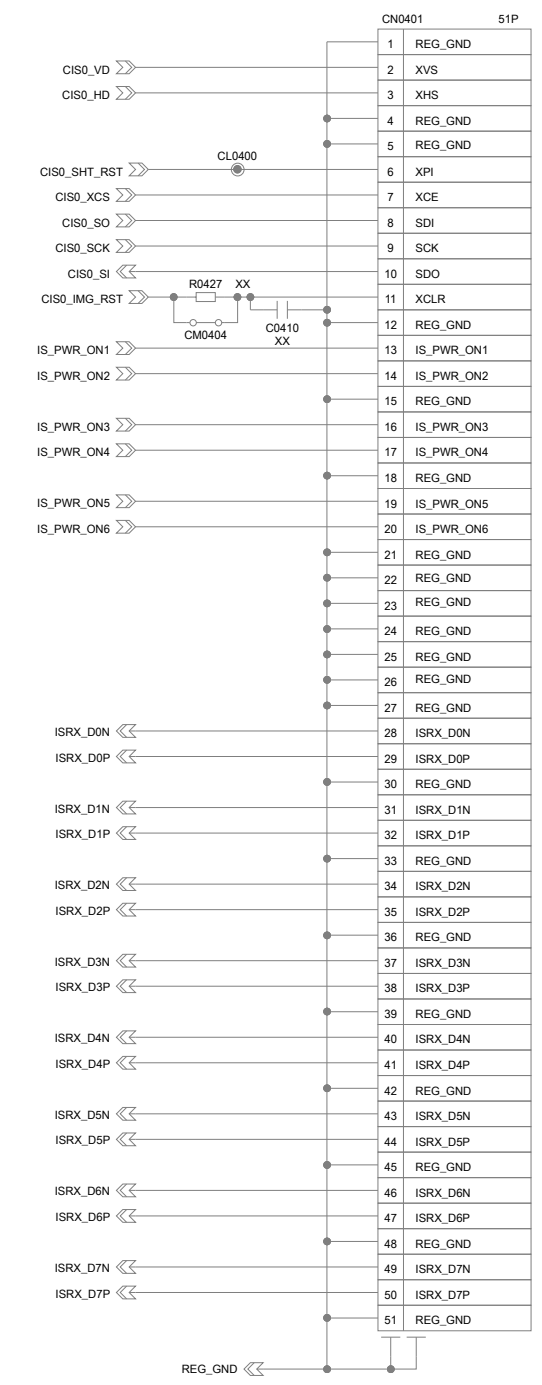
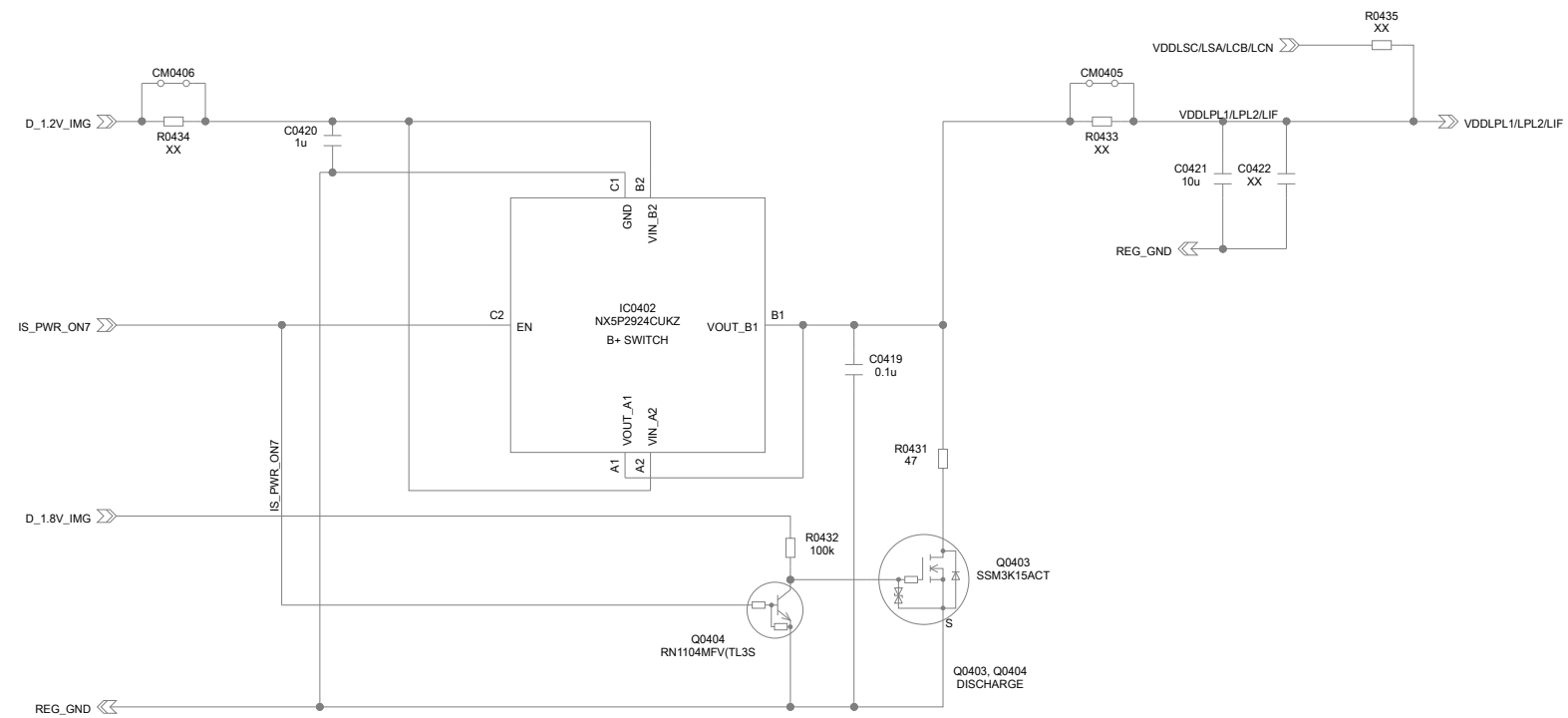
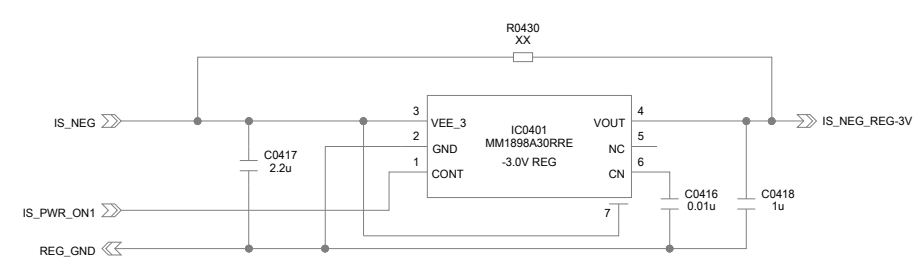
SY-1094 BOARD (3/27)
XX MARK: NO MOUNT



SY-1094 BOARD (4/27)
XX MARK: NO MOUNT

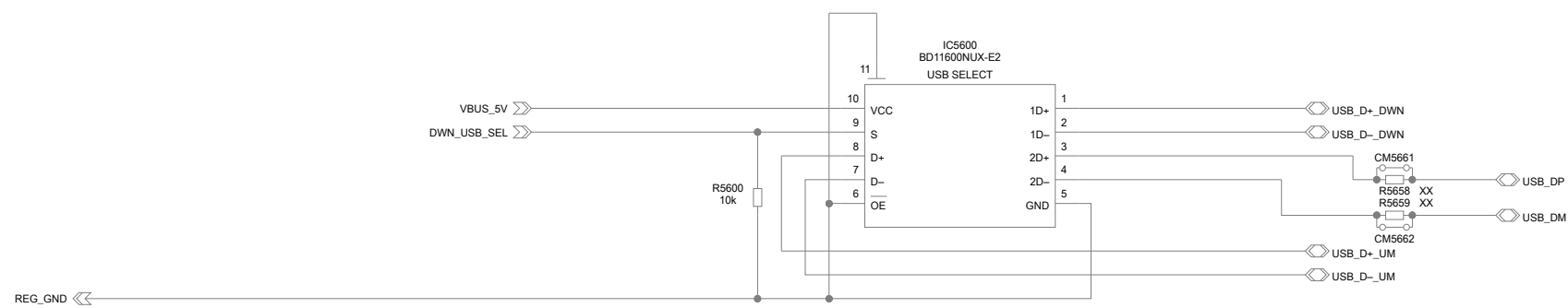
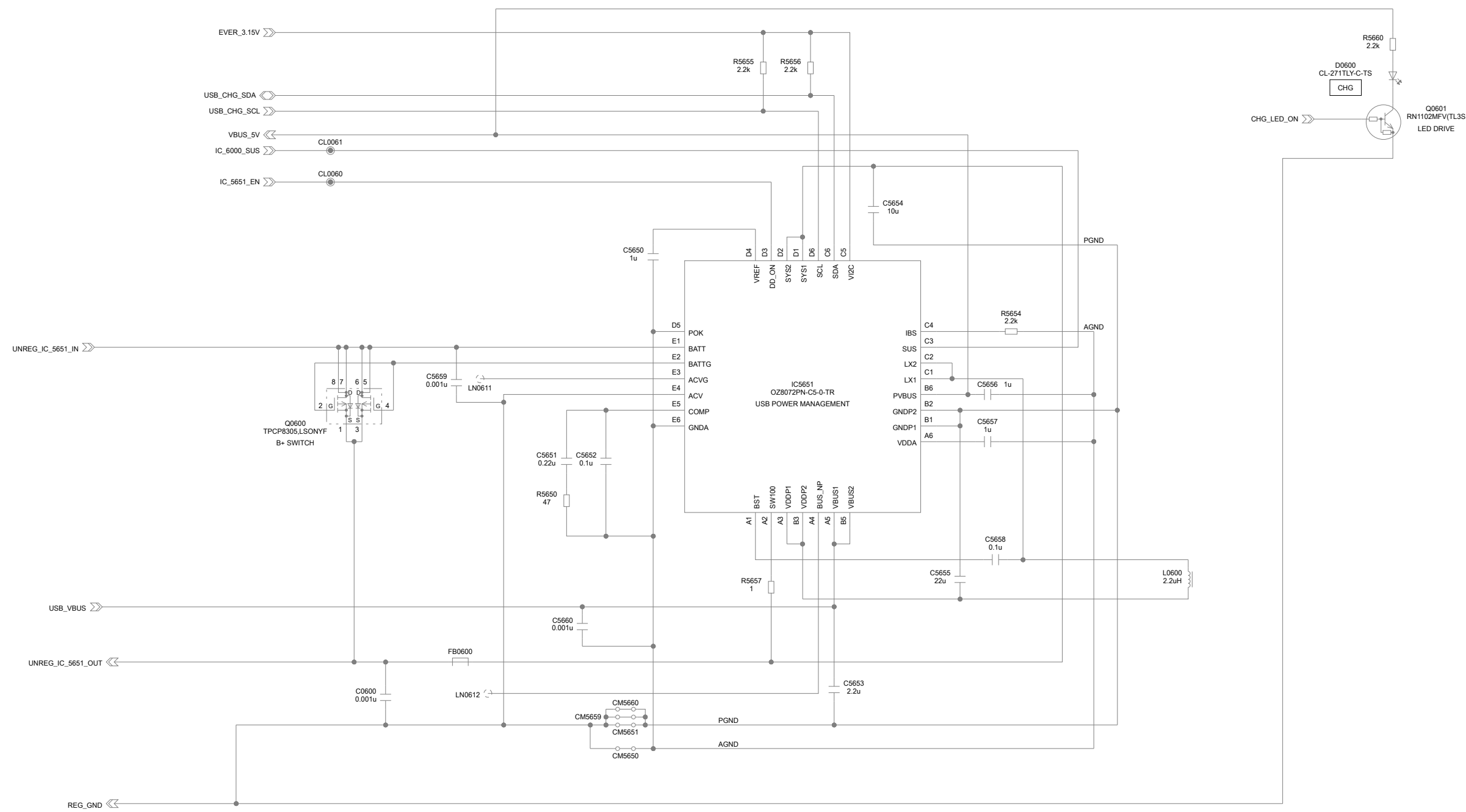


ISP-2004 FLEXIBLE
LND001

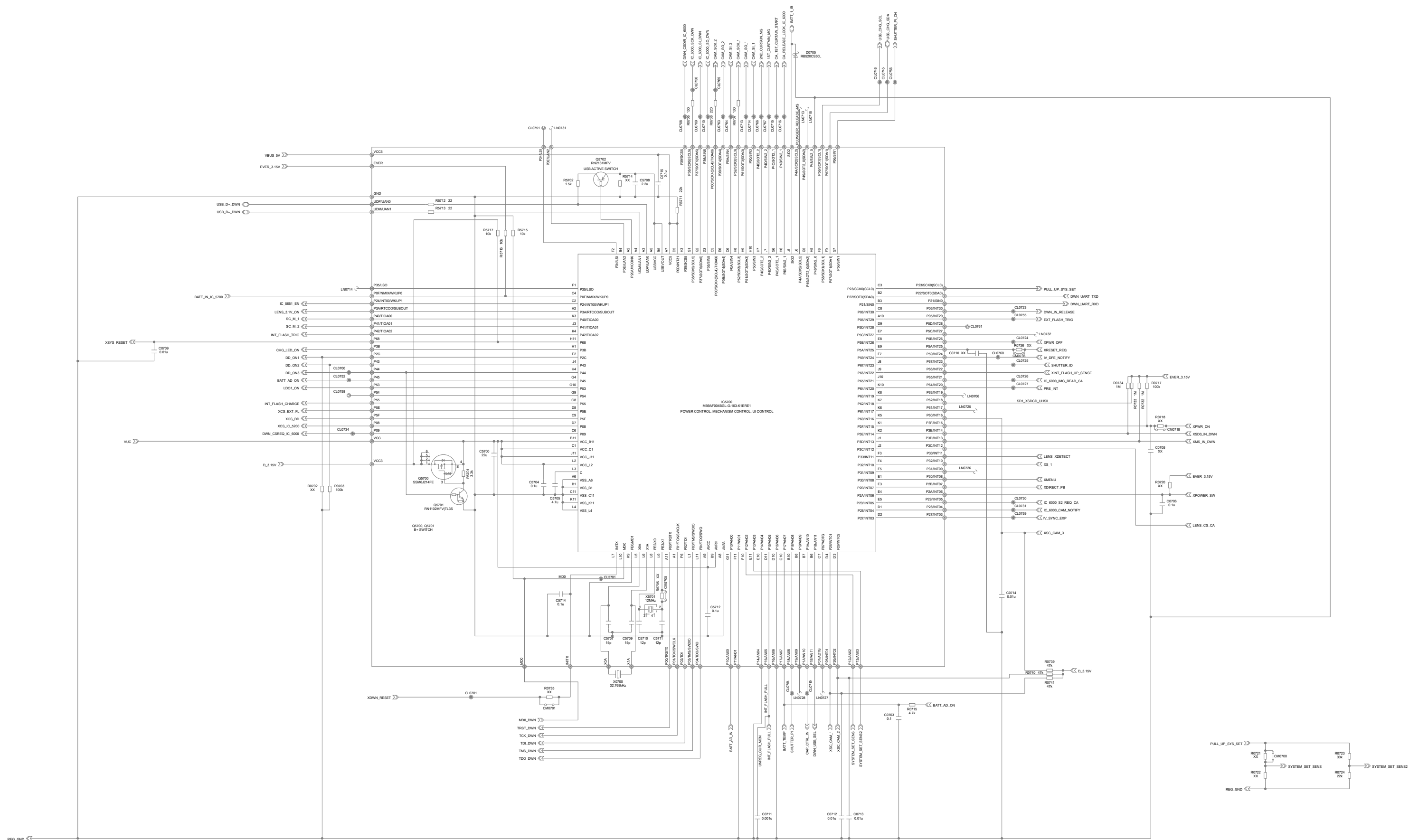


ISL-2005 FLEXIBLE
LND002

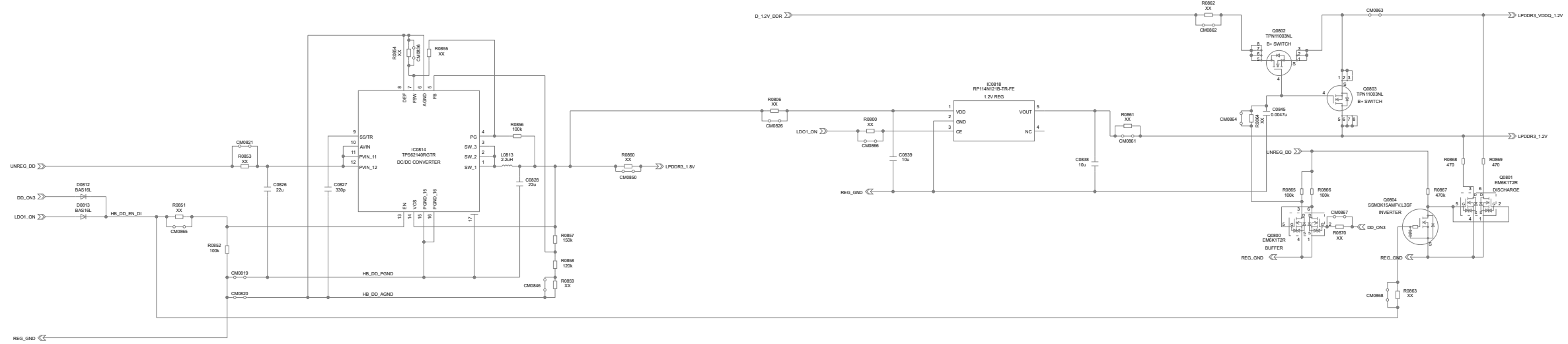
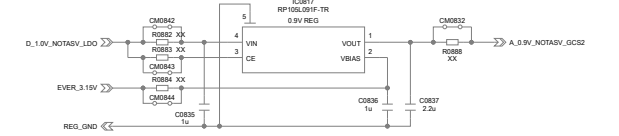
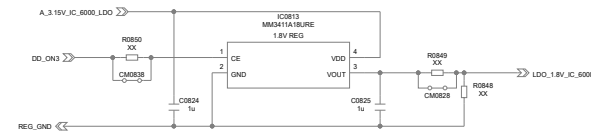
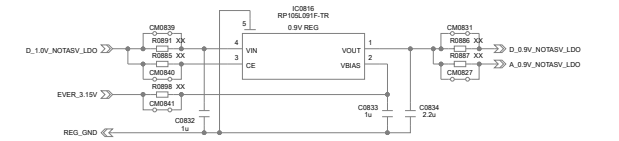
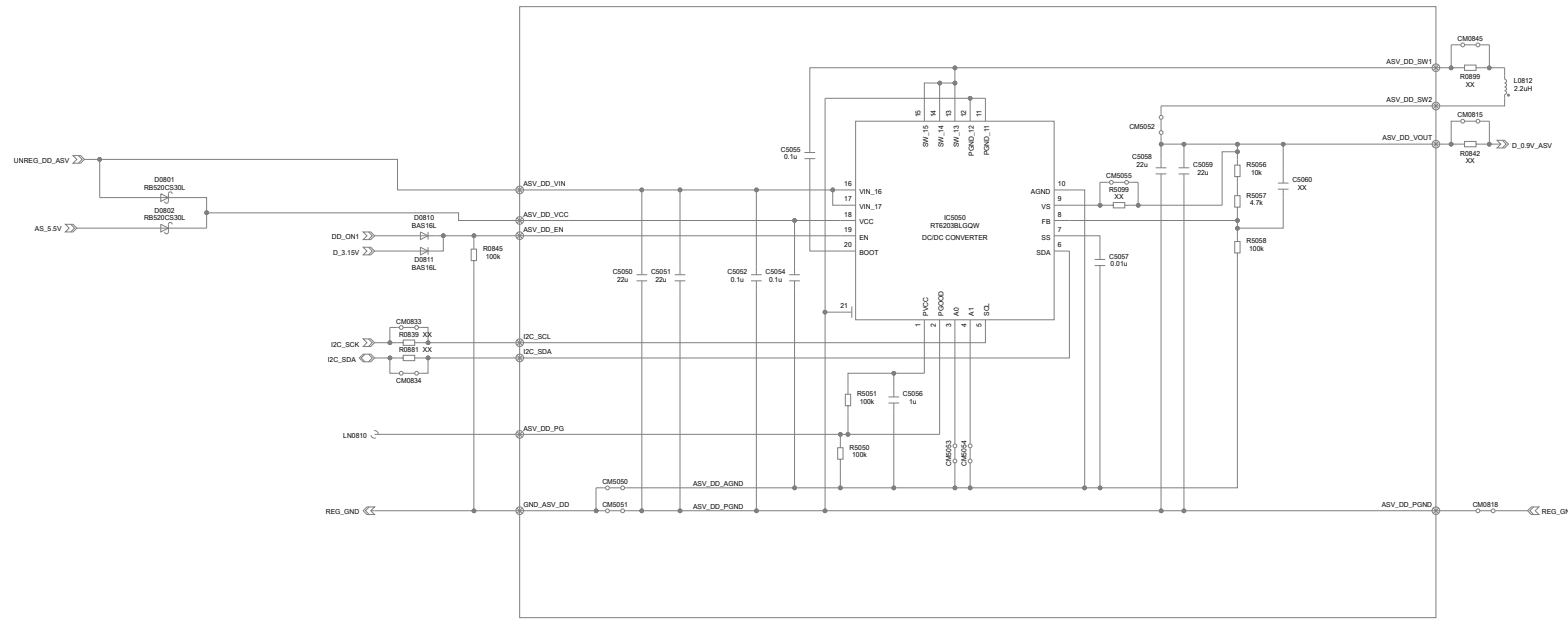
SY-1094 BOARD (5/27)
XX MARK: NO MOUNT



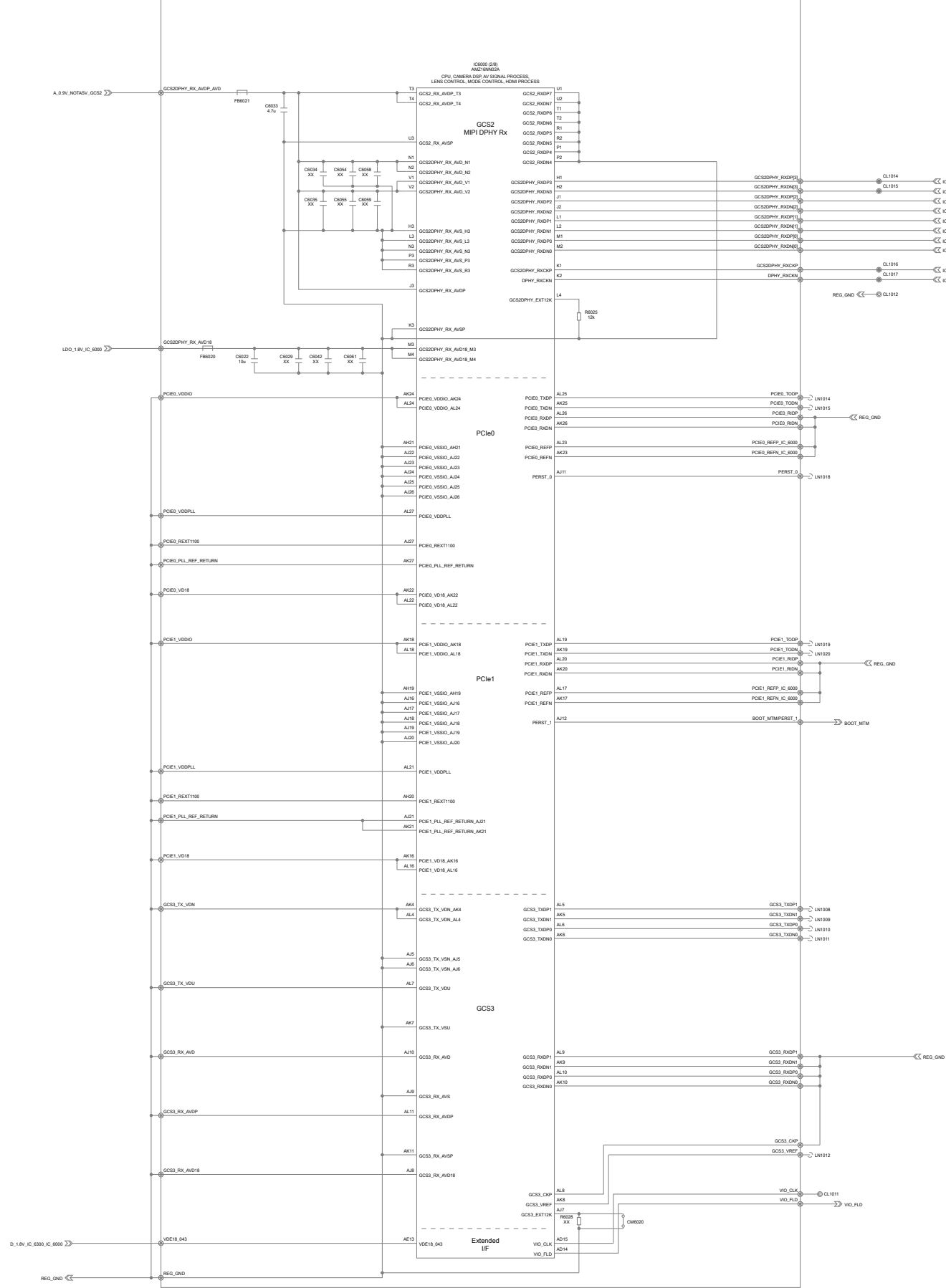
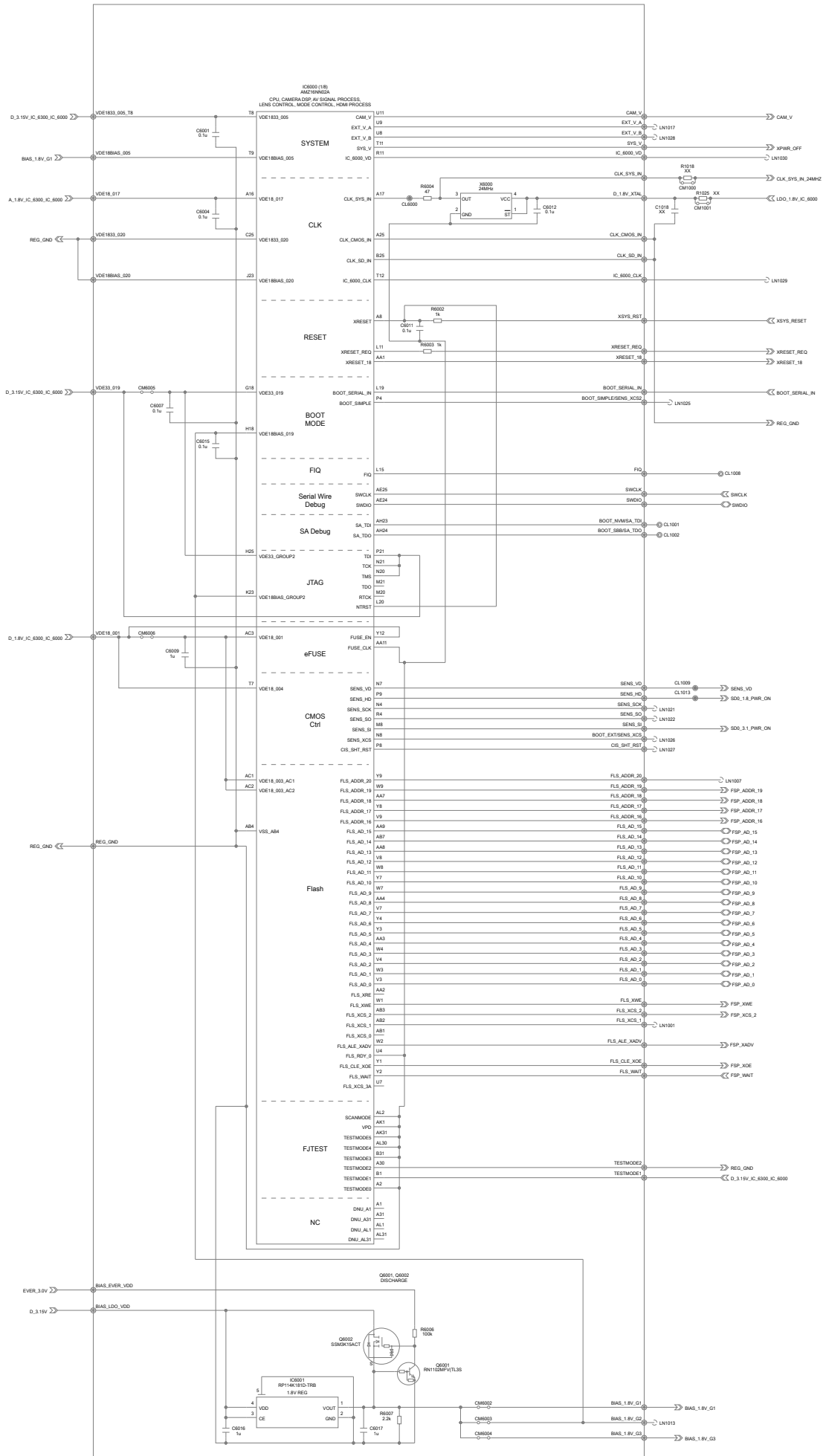
SY-1094 BOARD (6/27)
XX MARK: NO MOUNT



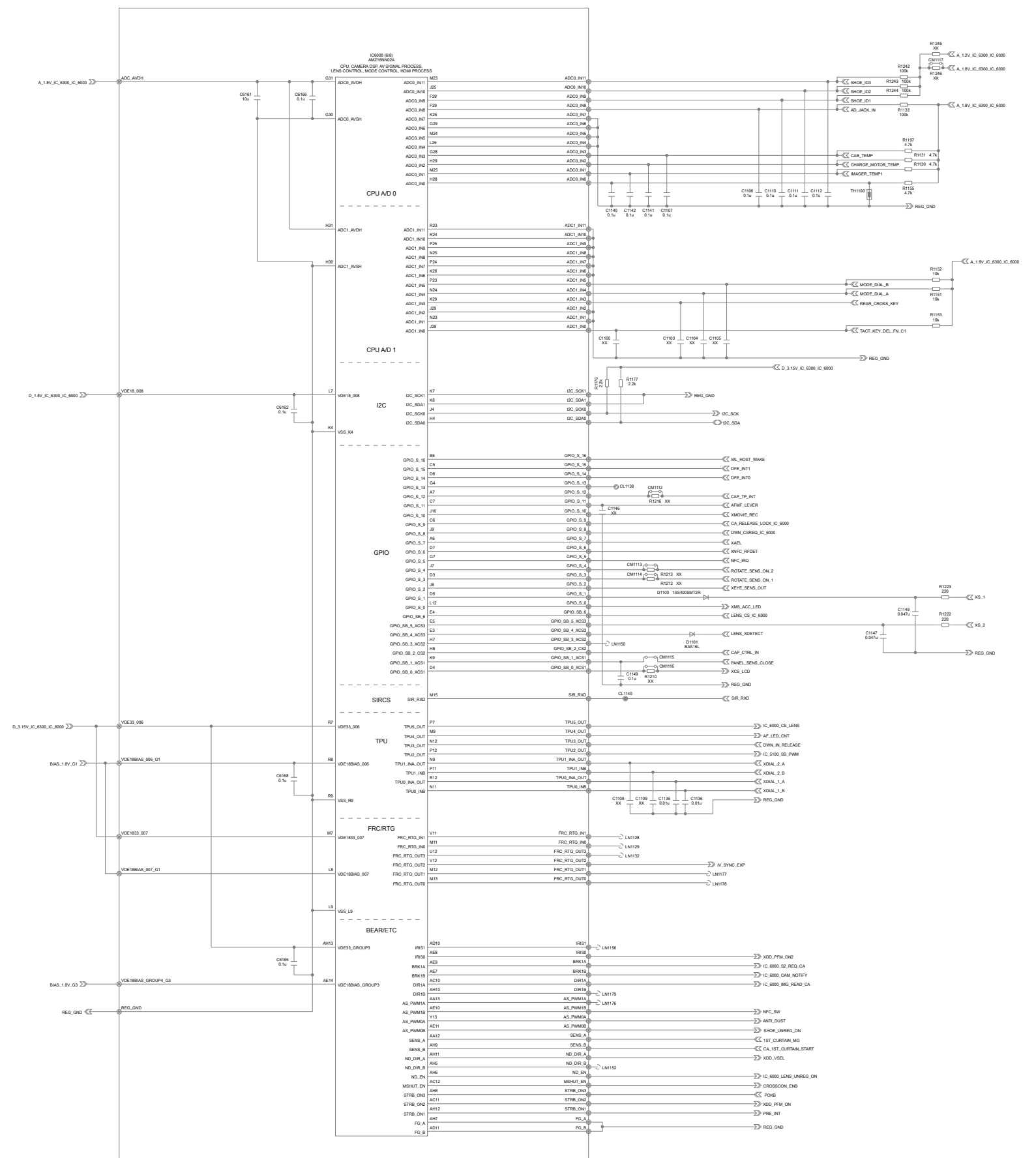
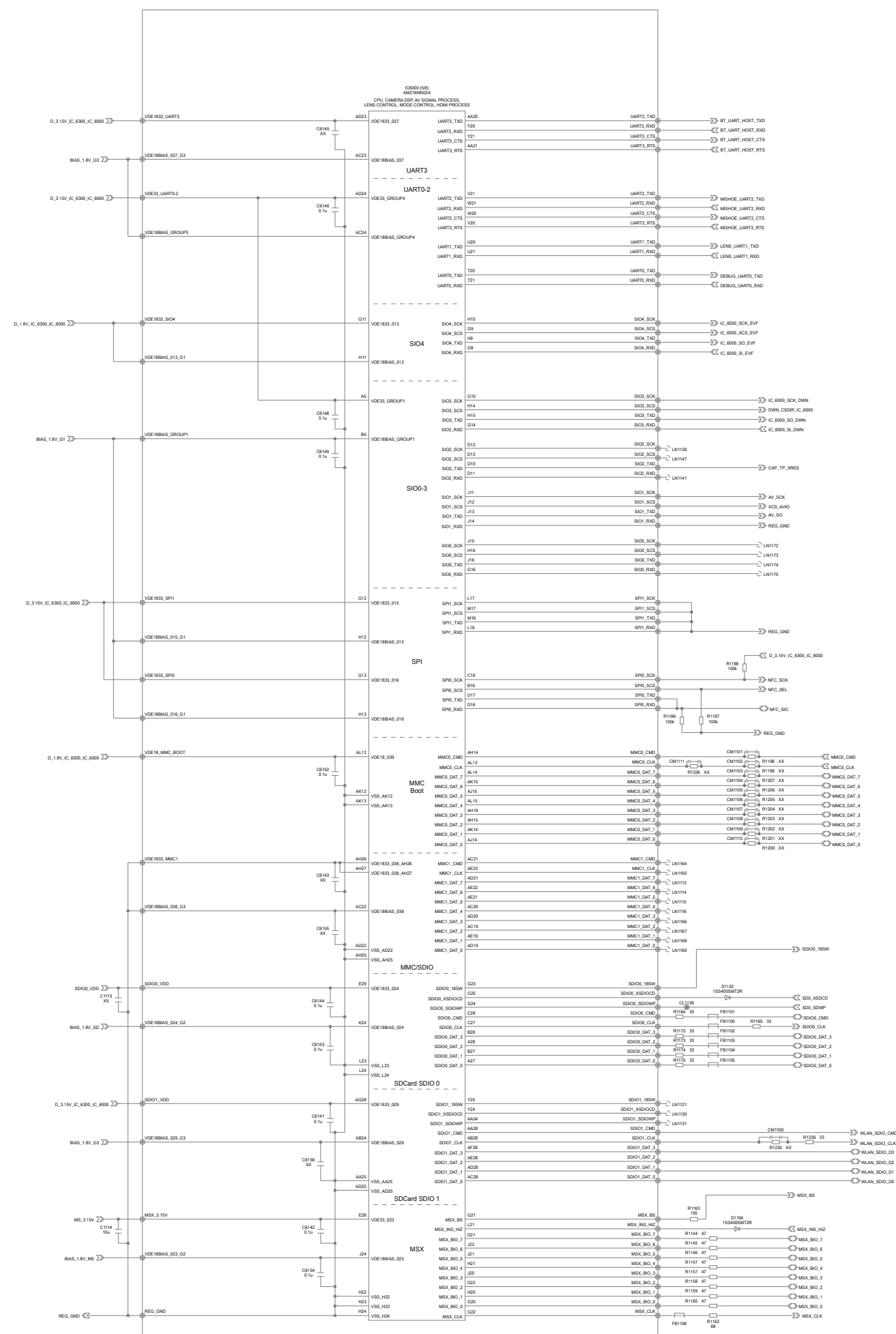
SY-1094 BOARD (7/27)
XX MARK: NO MOUNT

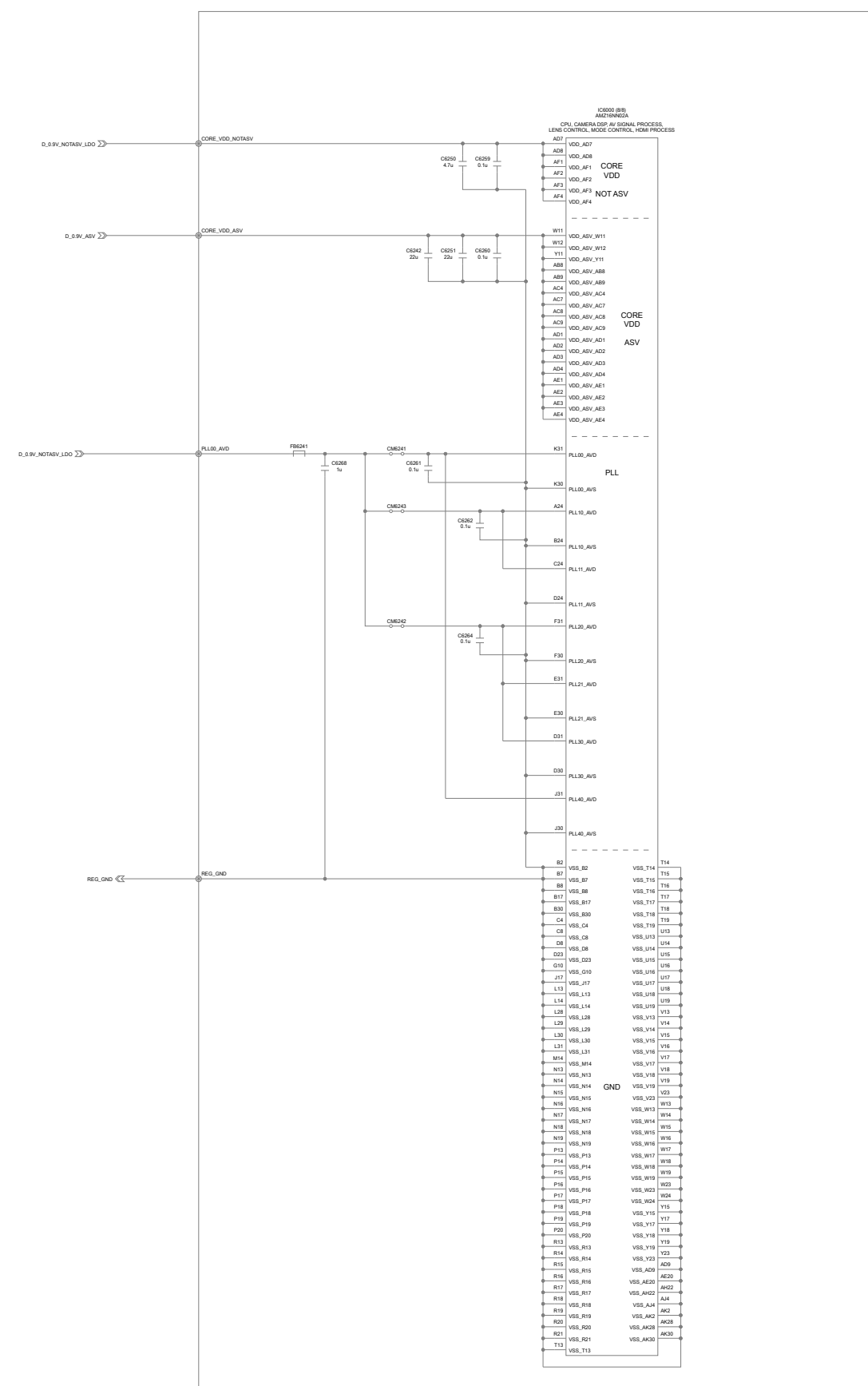
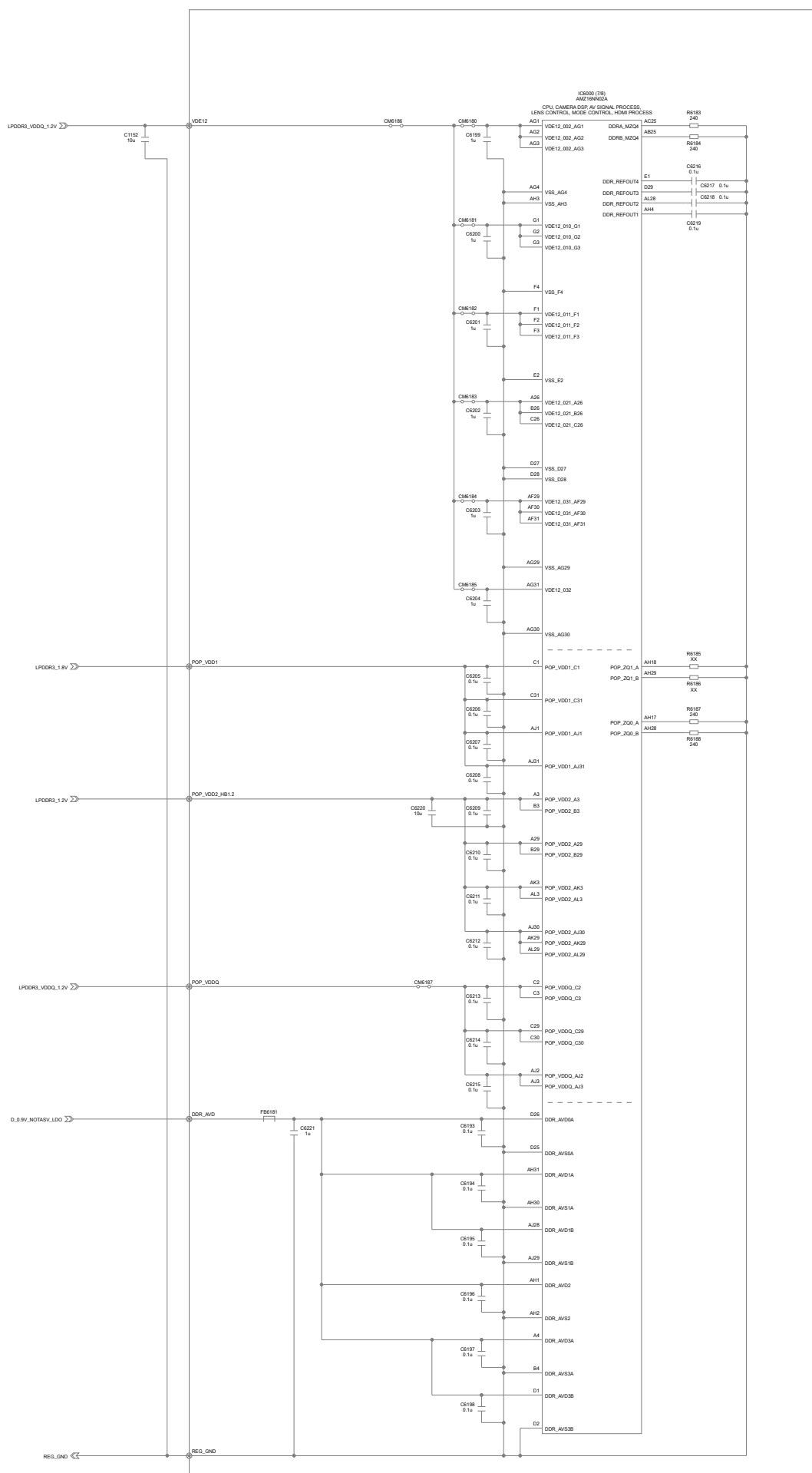


SY-1094 BOARD (8/27)
XX MARK: NO MOUNT

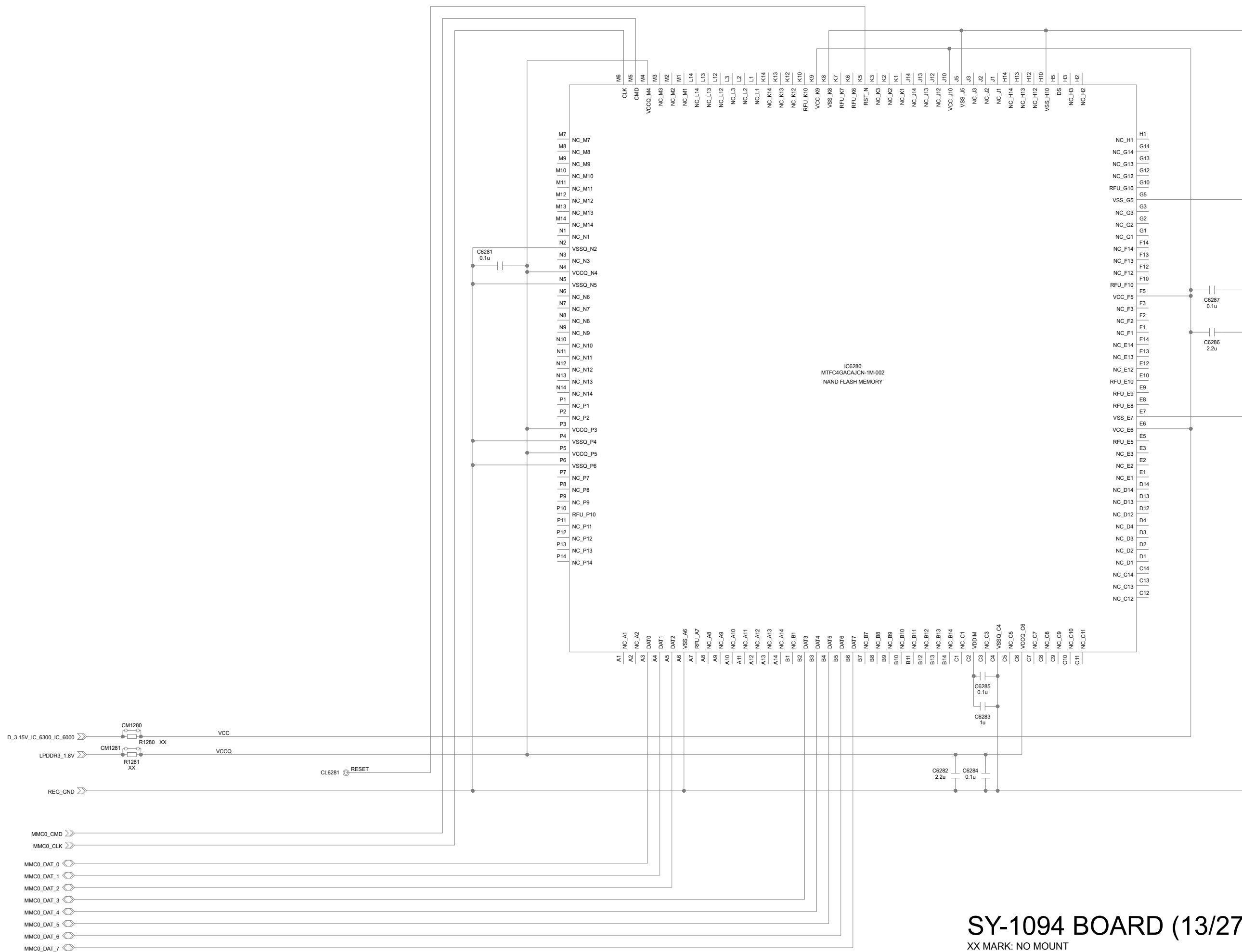


SY-1094 BOARD (9/27)
XX MARK: NO MOUNT

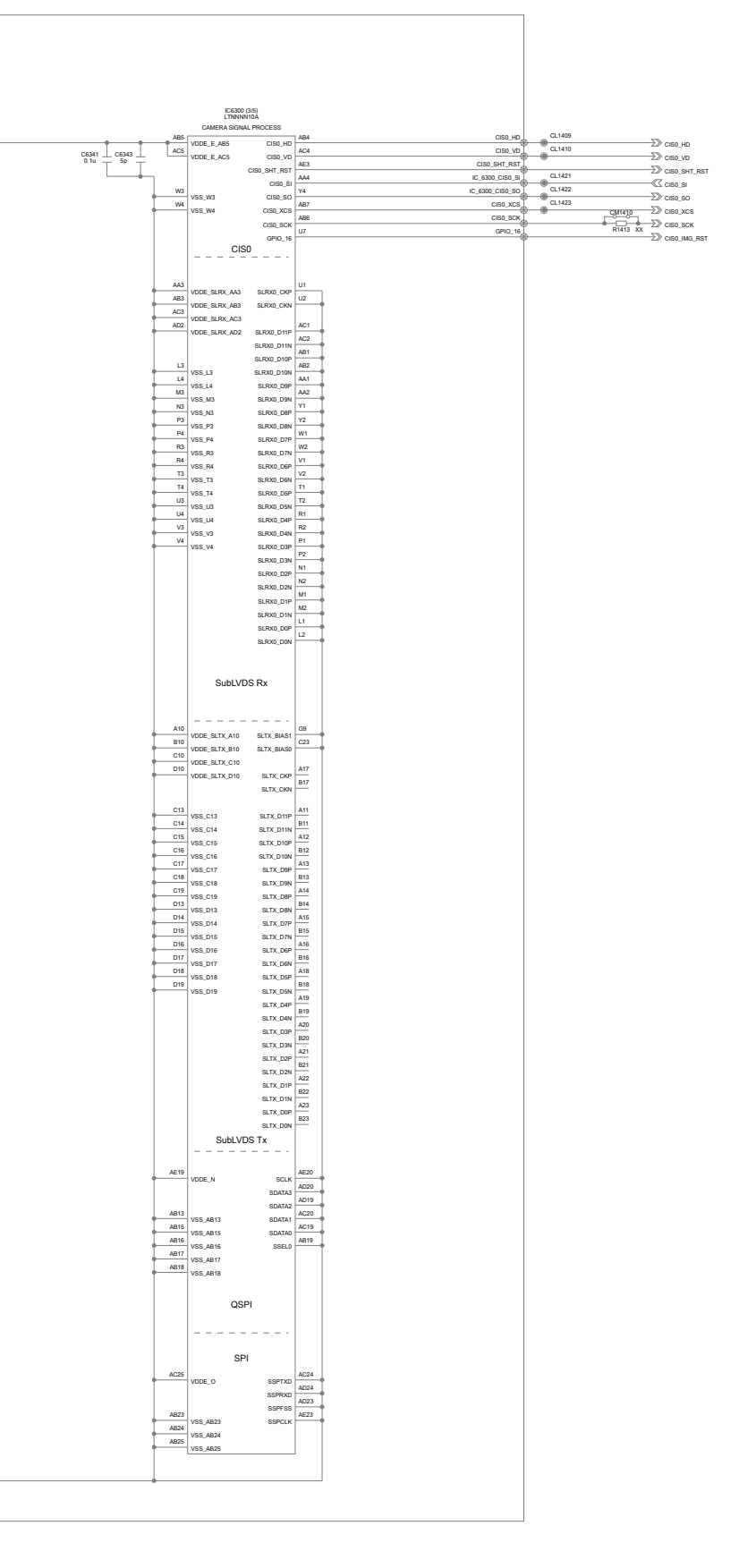
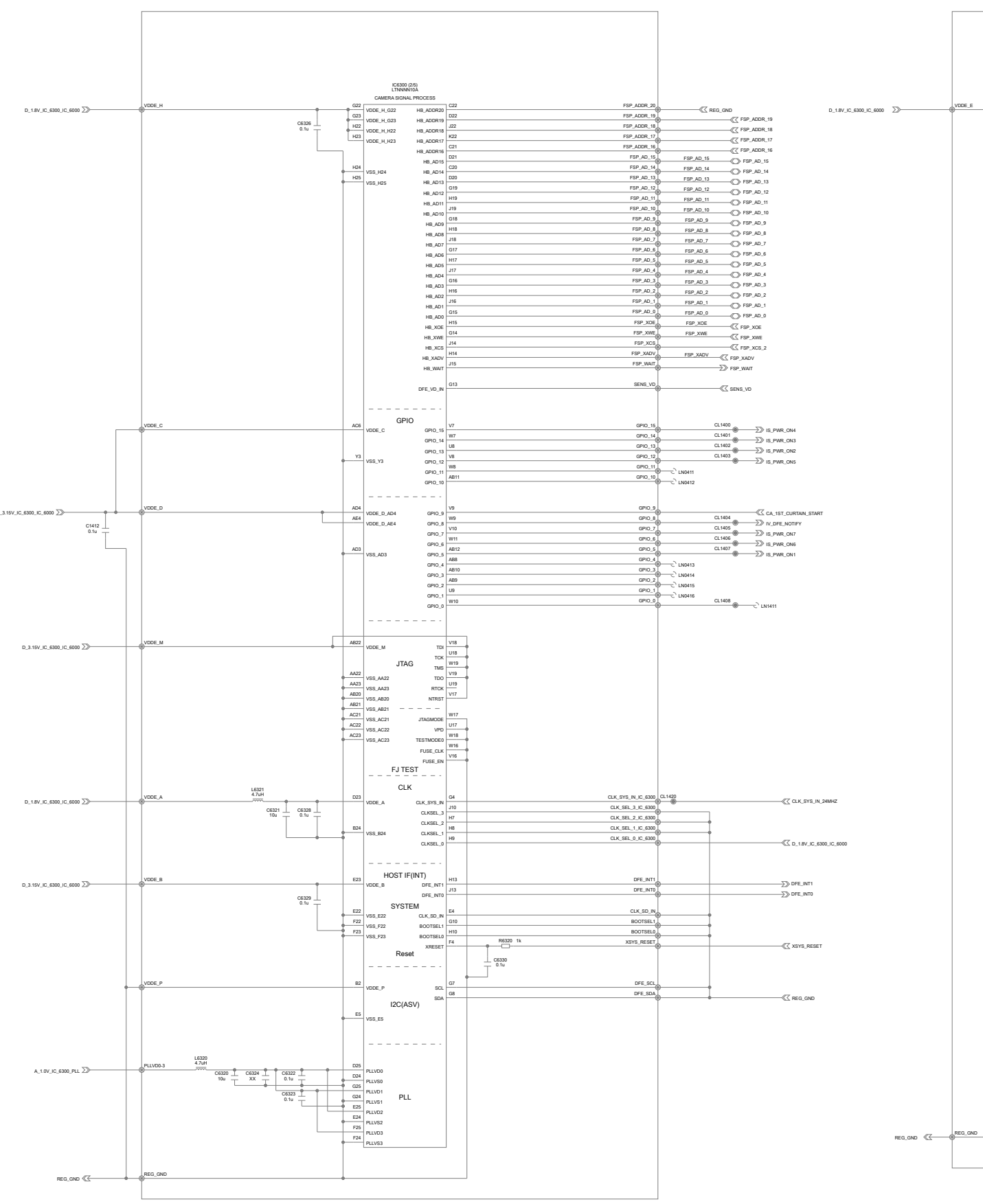
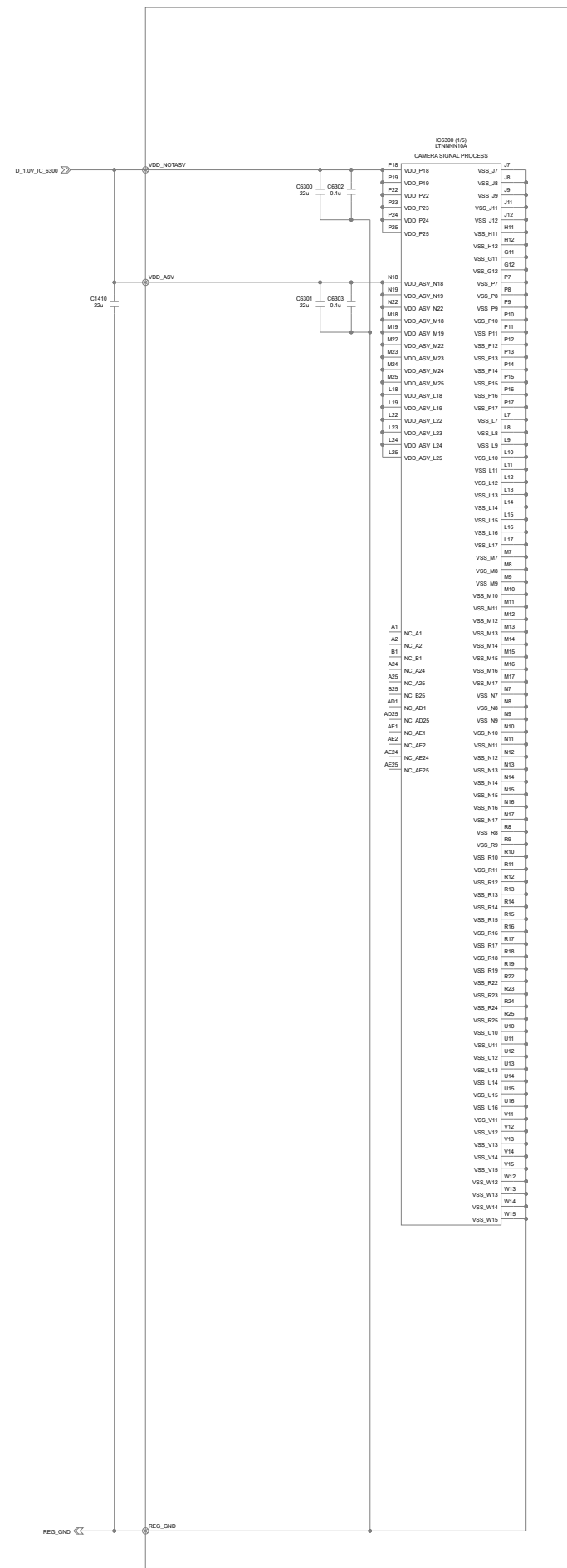




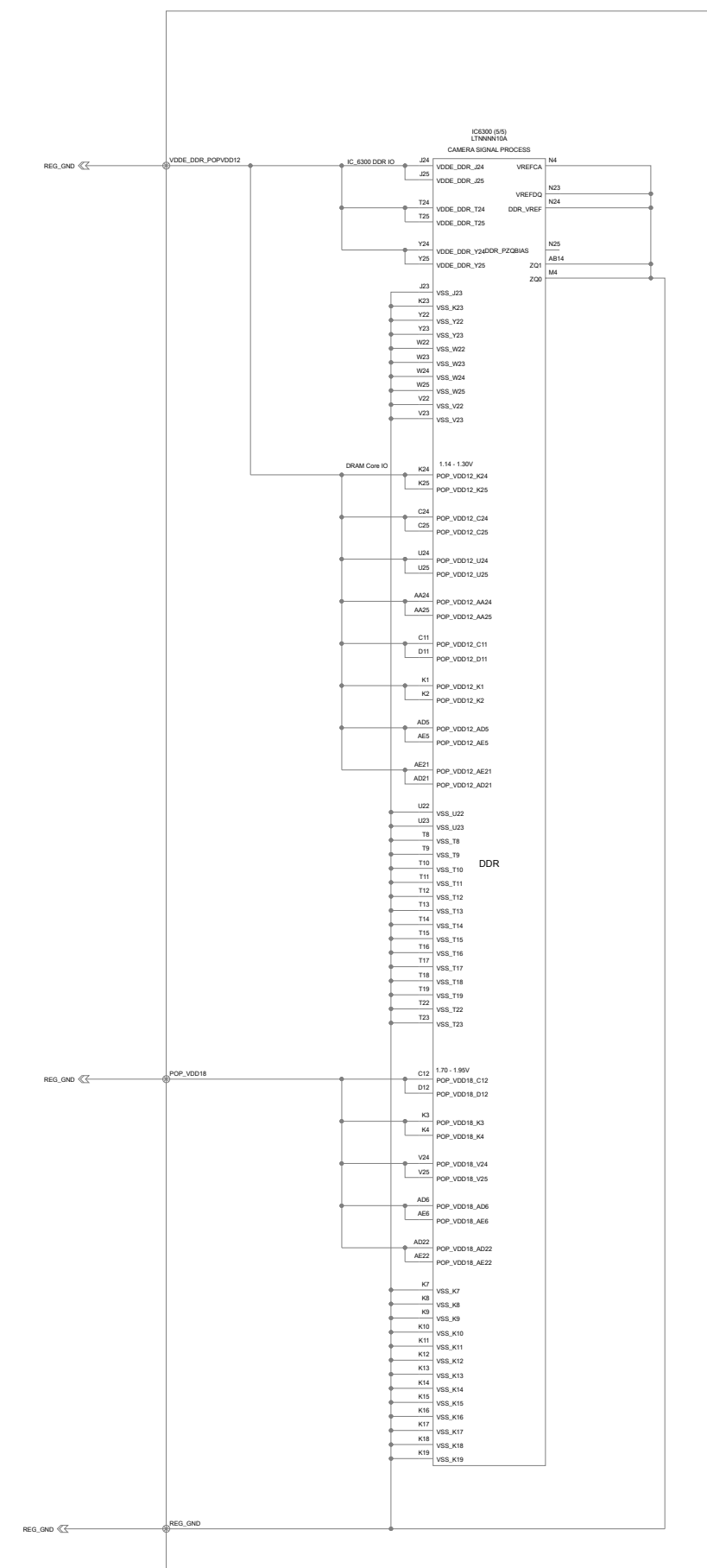
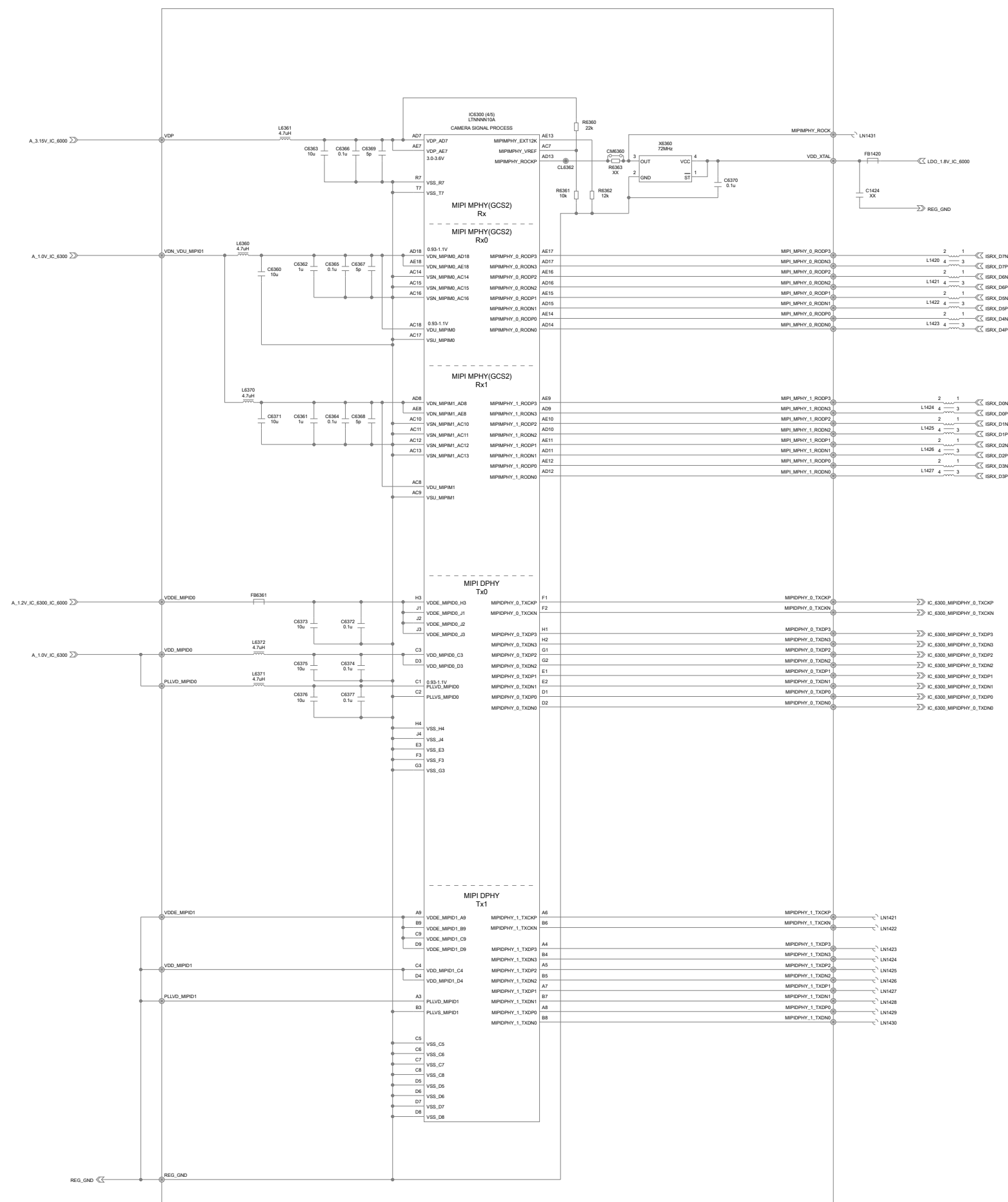
SY-1094 BOARD (12/27)
XX MARK: NO MOUNT



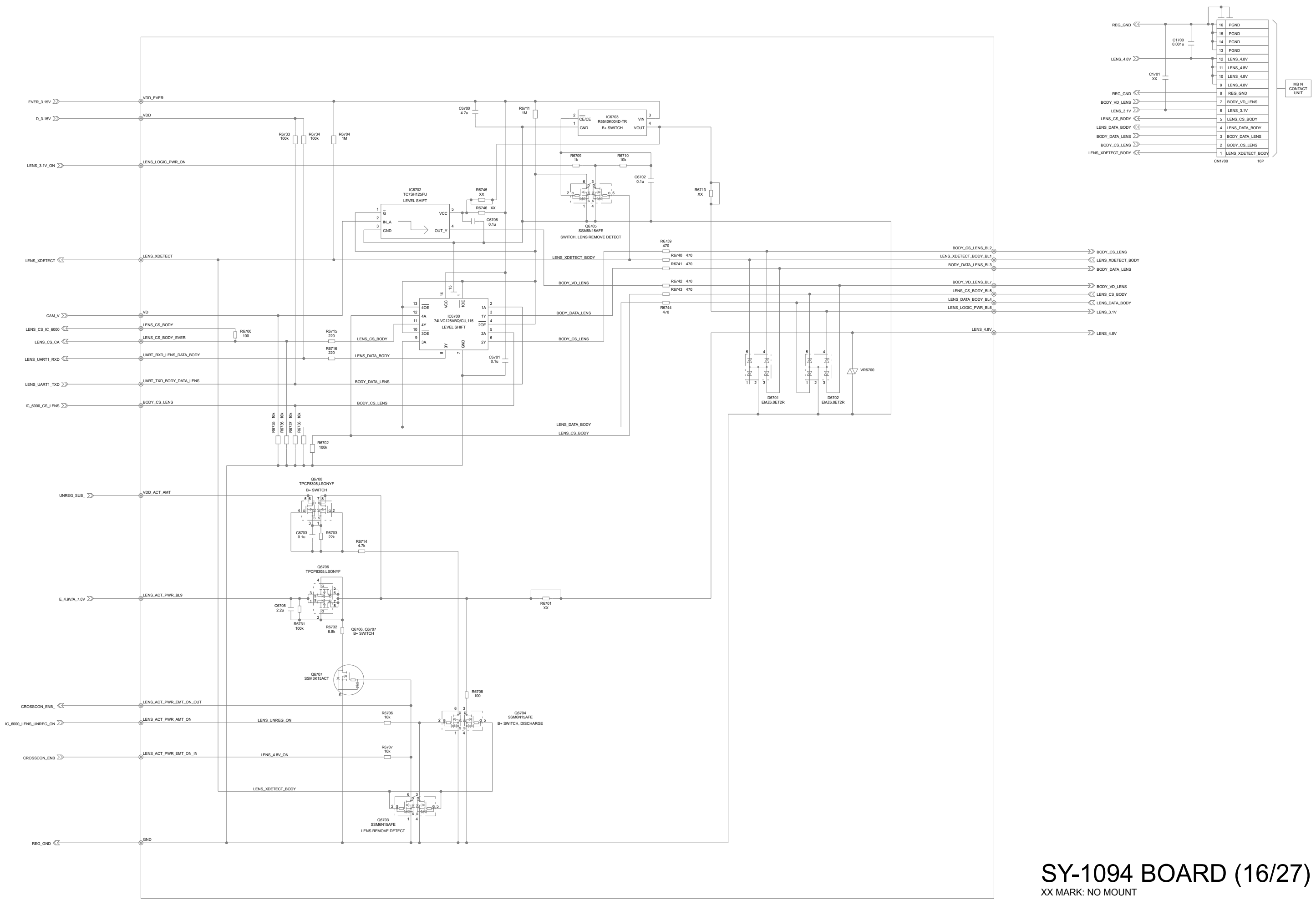
SY-1094 BOARD (13/27)
XX MARK: NO MOUNT



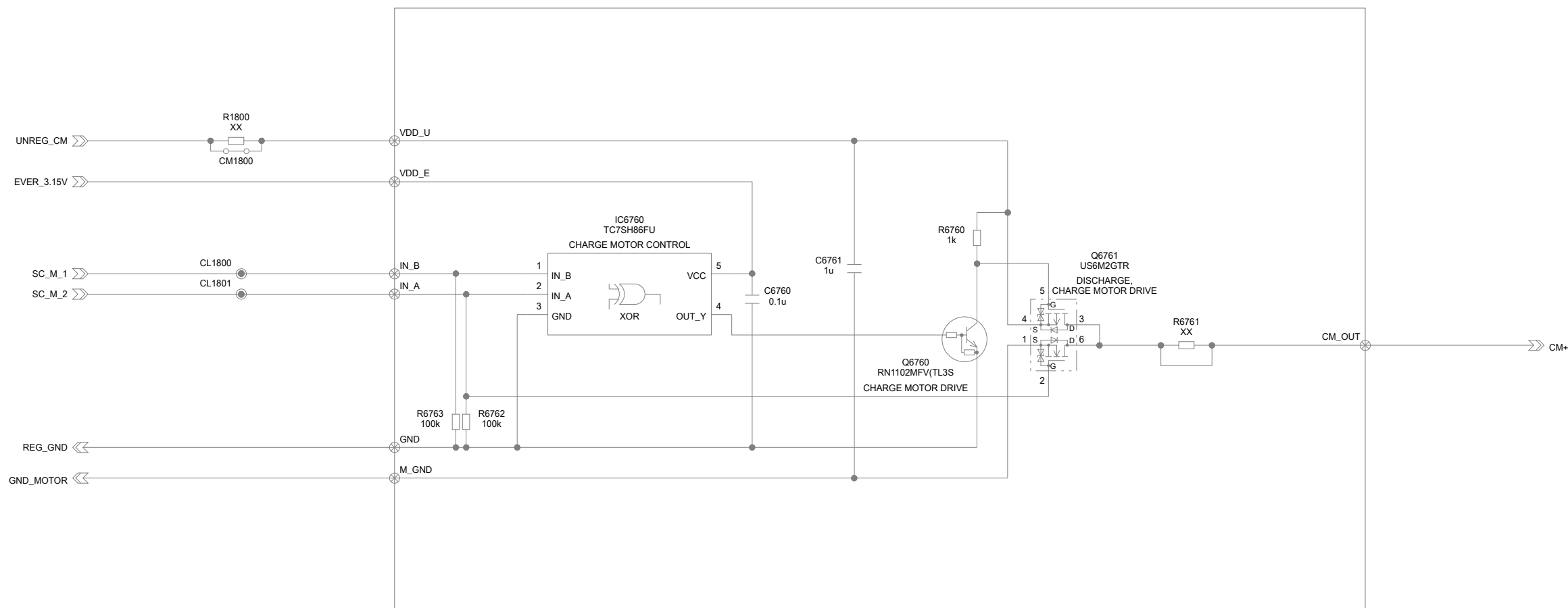
SY-1094 BOARD (14/27)
XX MARK: NO MOUNT



SY-1094 BOARD (15/27)
XX MARK: NO MOUNT

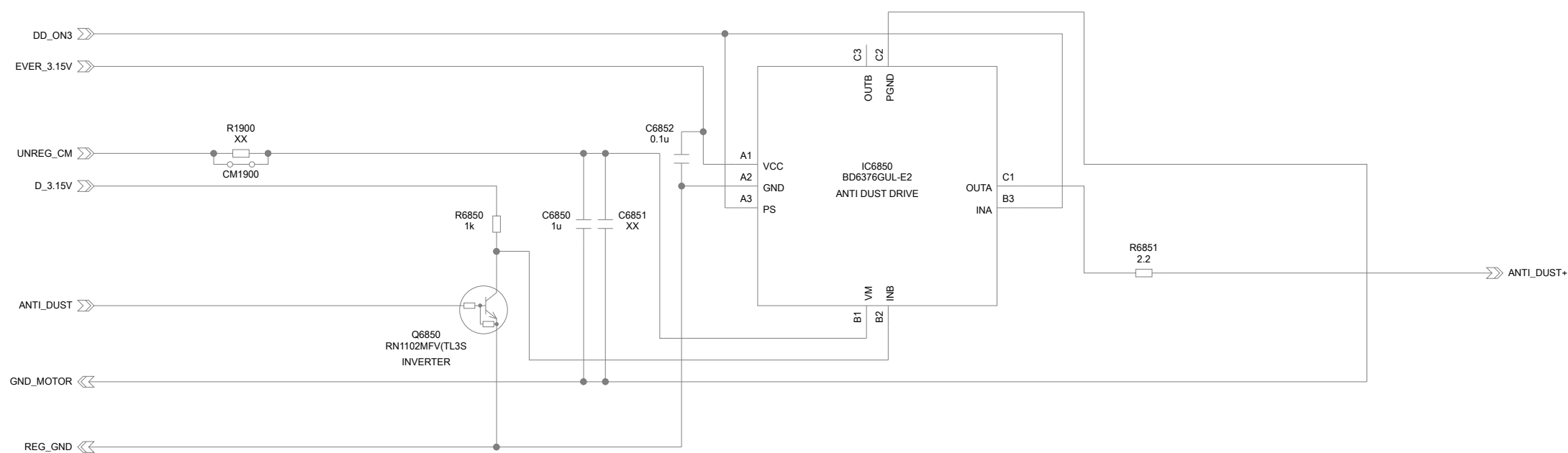


SY-1094 BOARD (16/27)
XX MARK: NO MOUNT



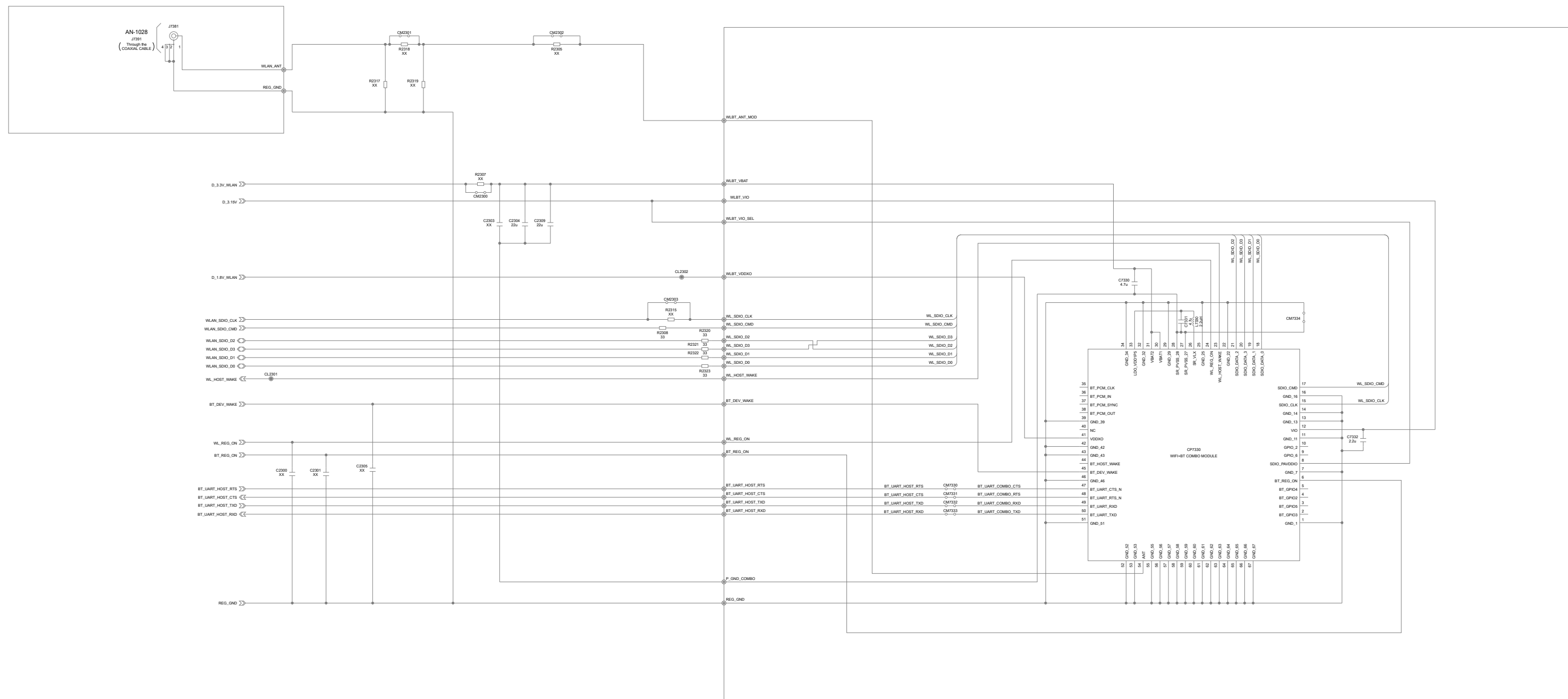
SY-1094 BOARD (17/27)

XX MARK: NO MOUNT

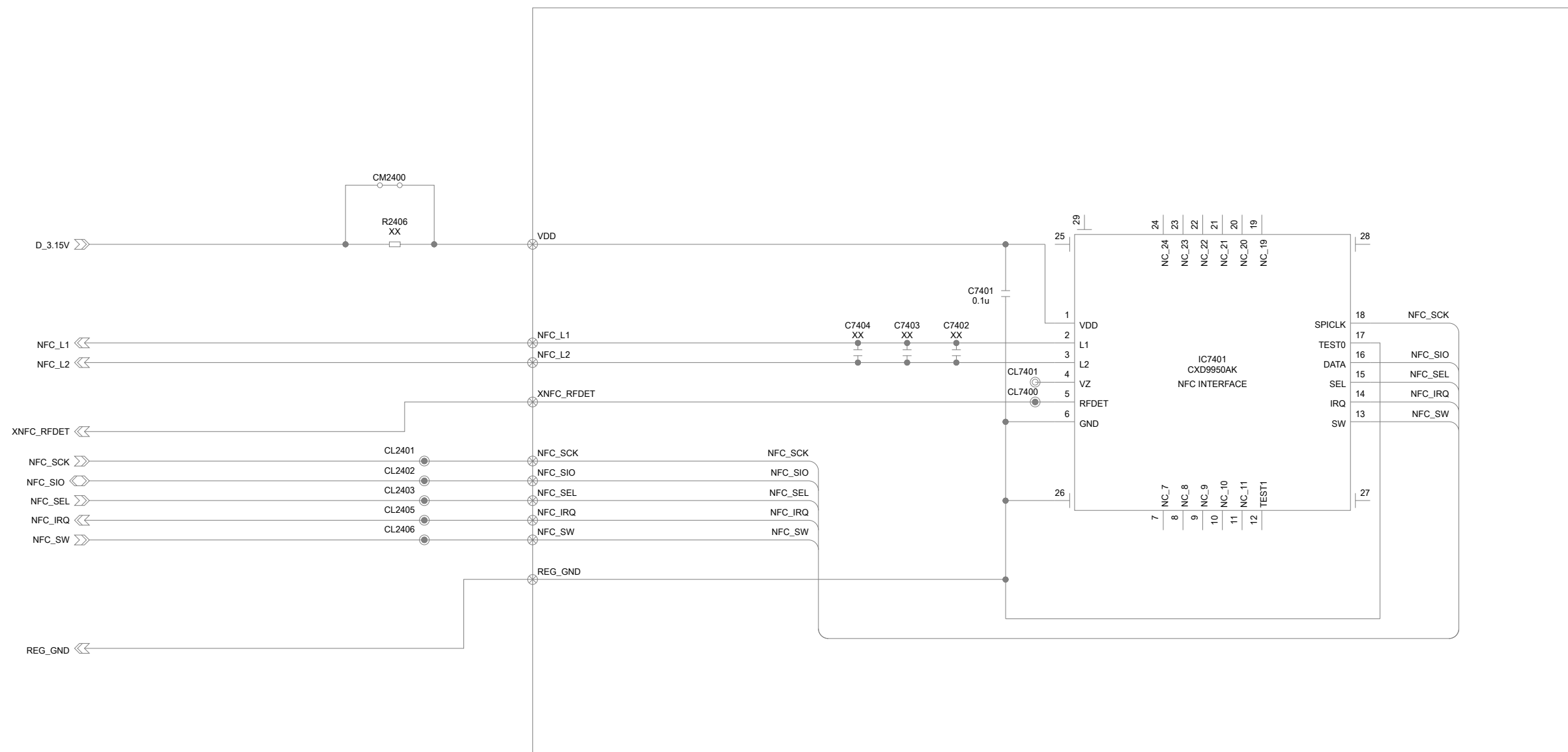


SY-1094 BOARD (18/27)

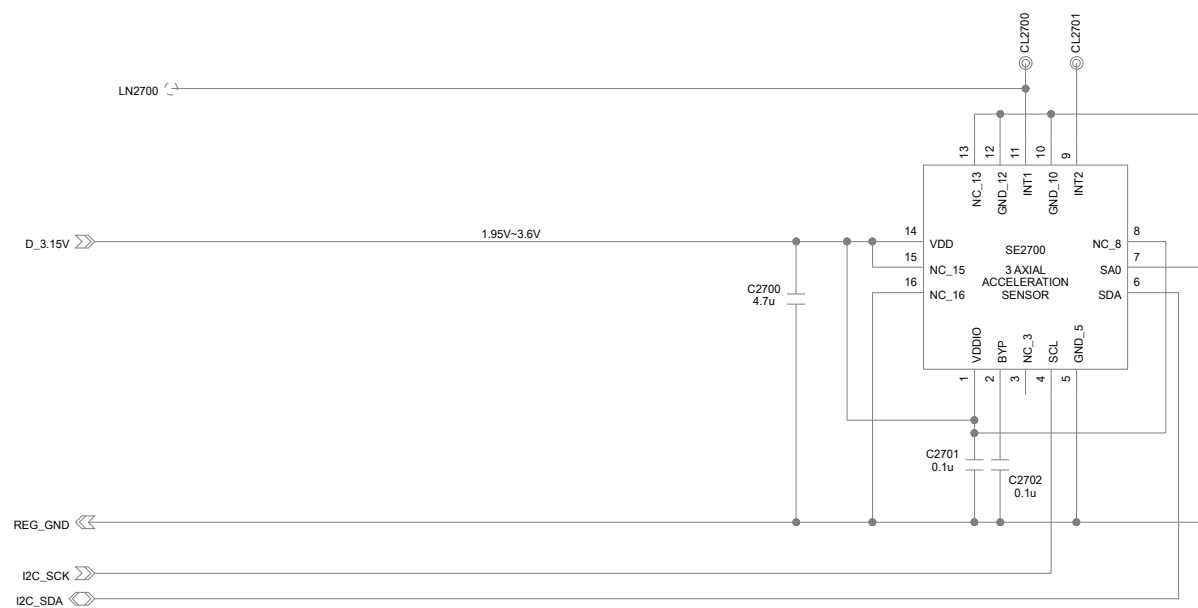
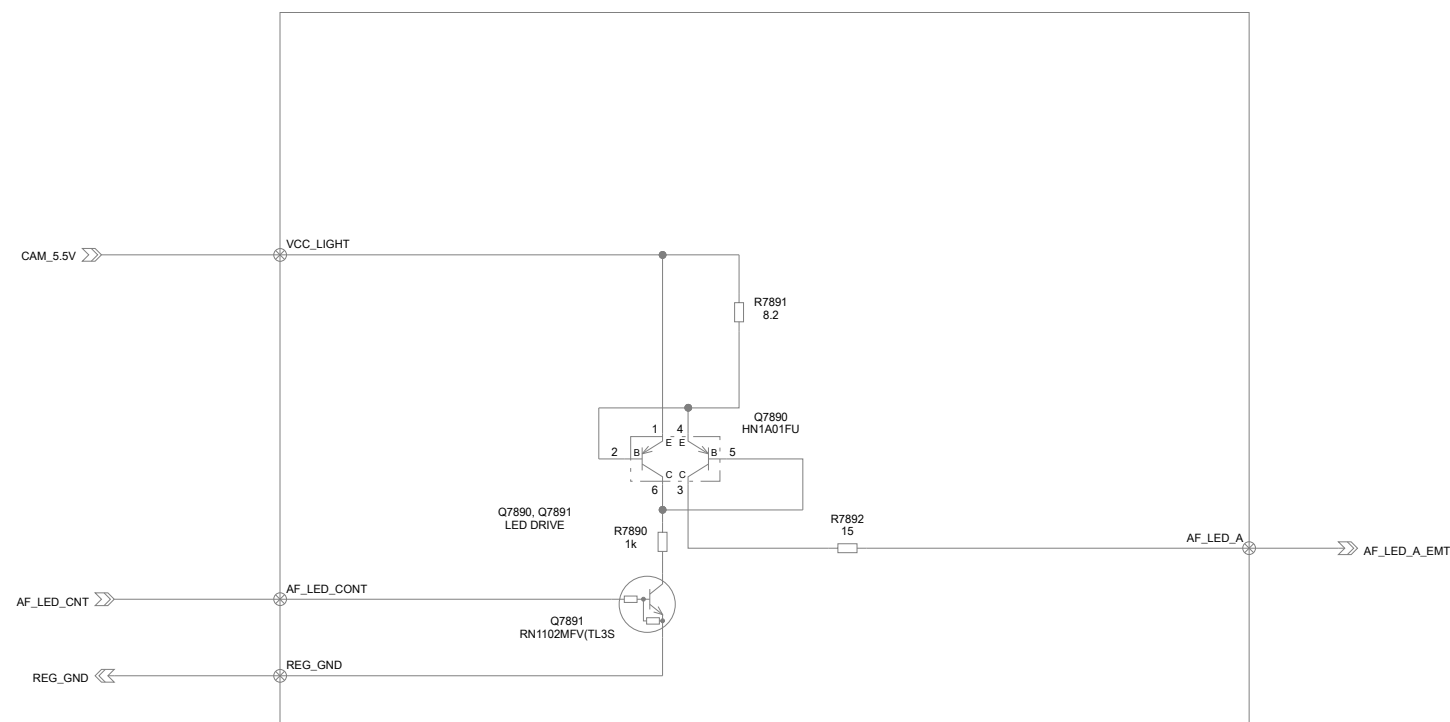
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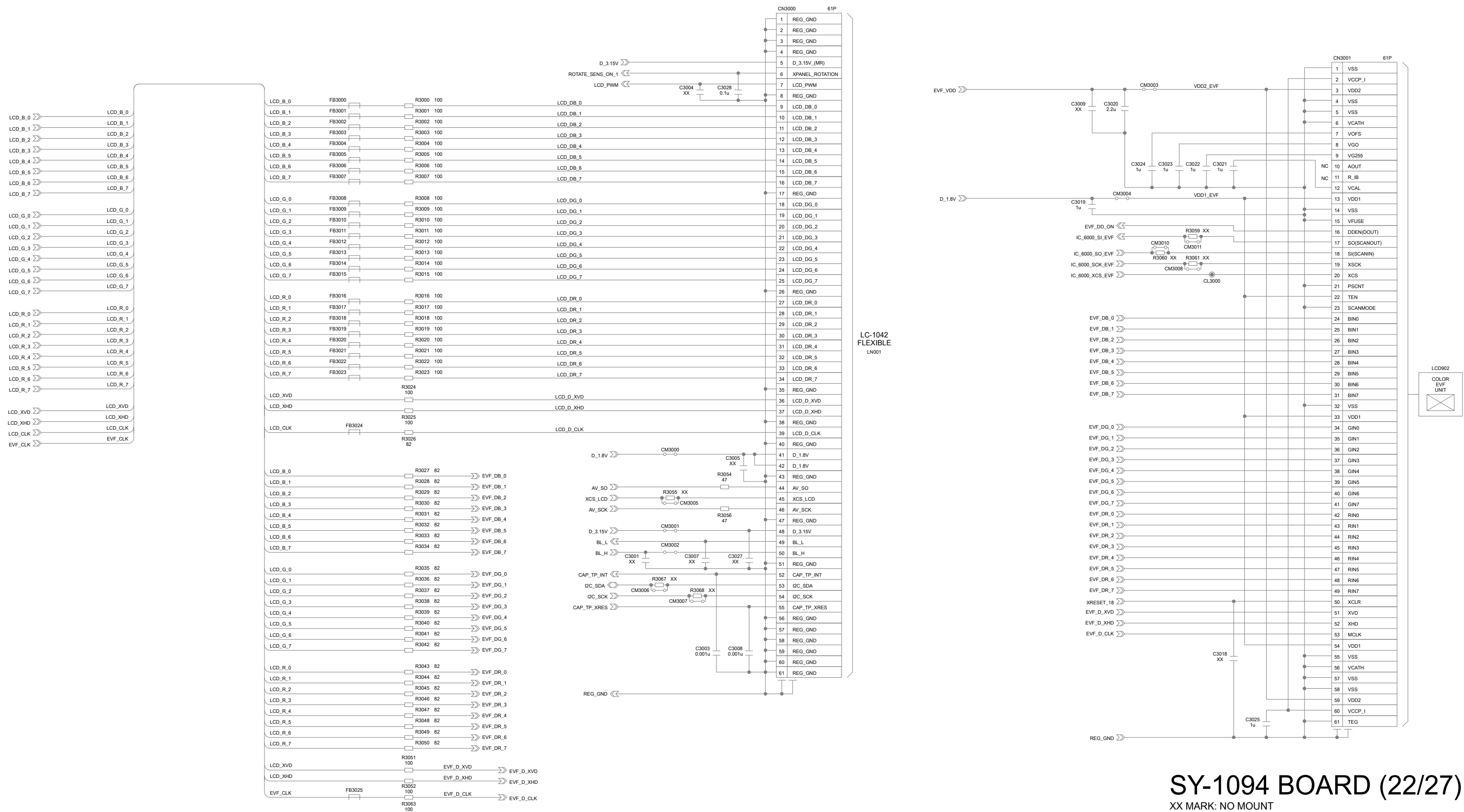
SY-1094 BOARD (19/27)
XX MARK: NO MOUNT



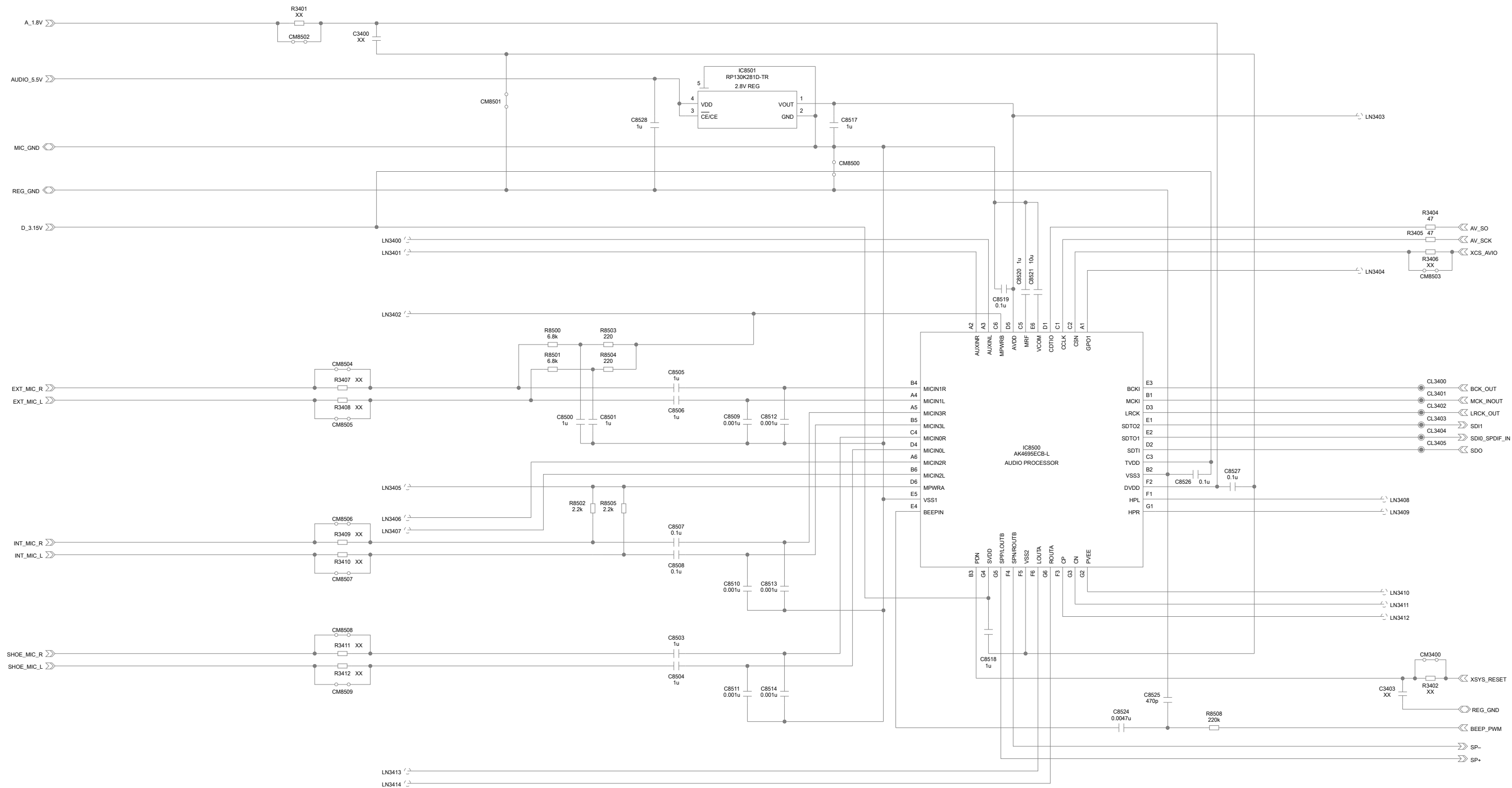
SY-1094 BOARD (20/27)
XX MARK: NO MOUNT



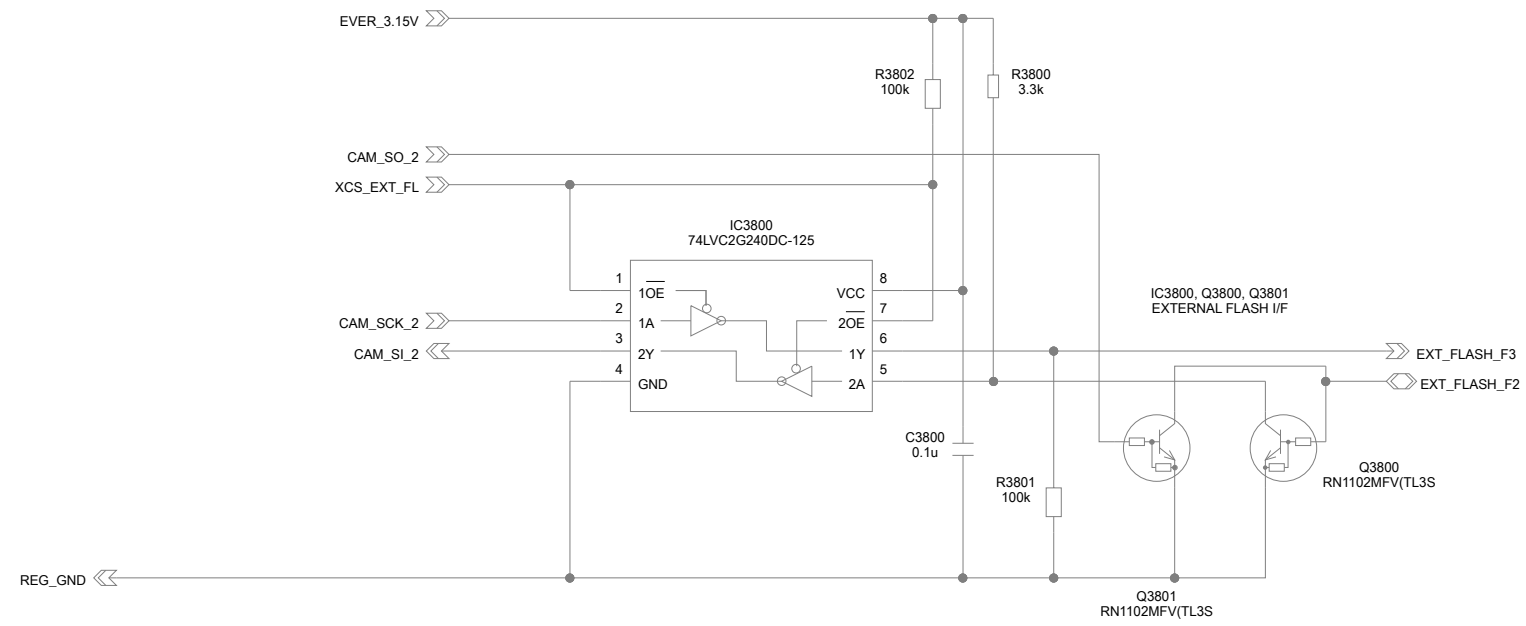
SY-1094 BOARD (21/27)



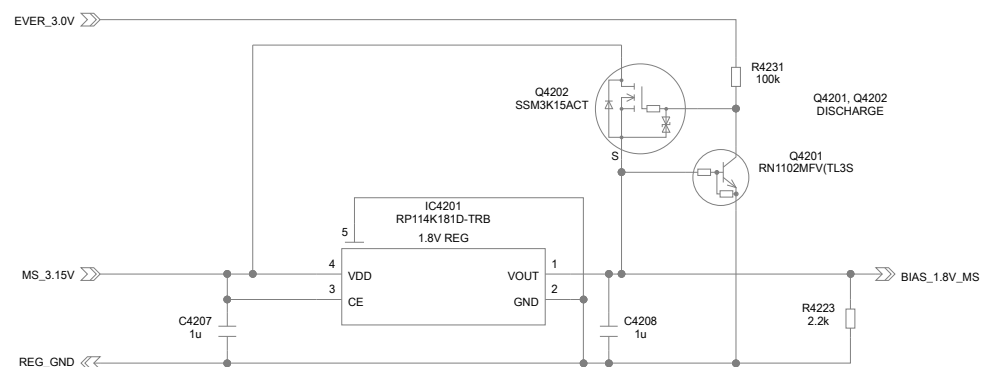
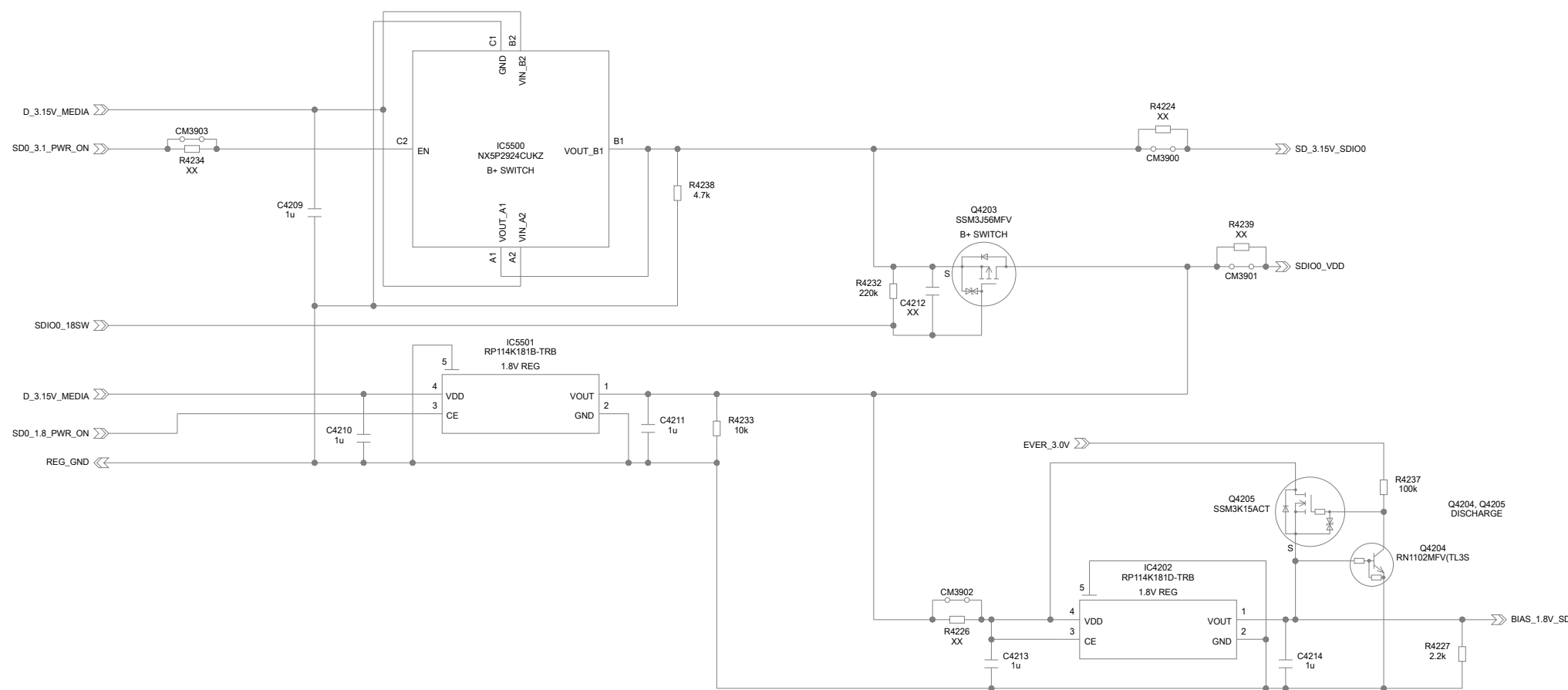
SY-1094 BOARD (22/27)
XX MARK: NO MOUNT



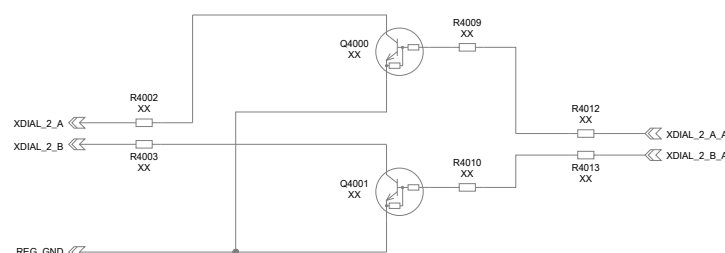
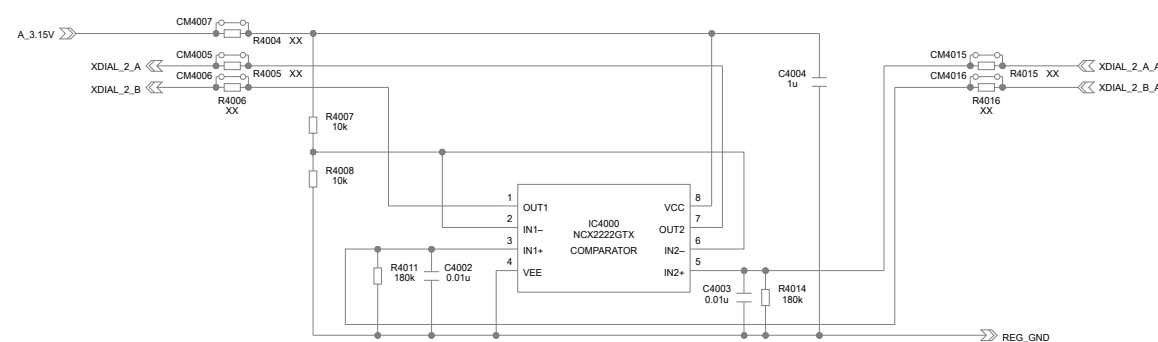
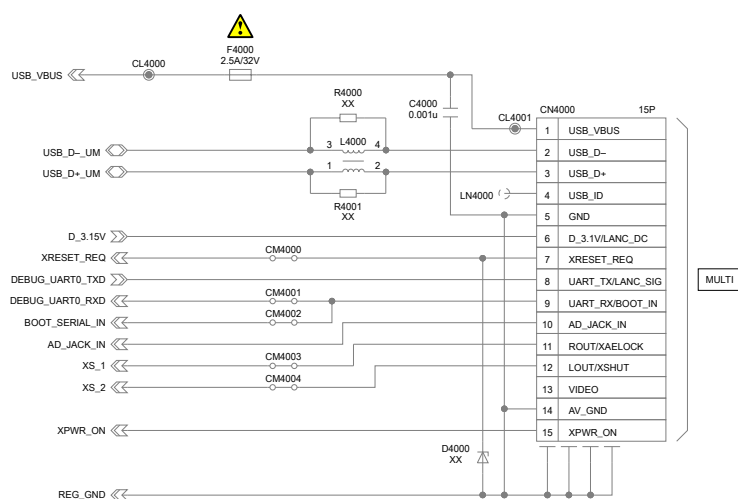
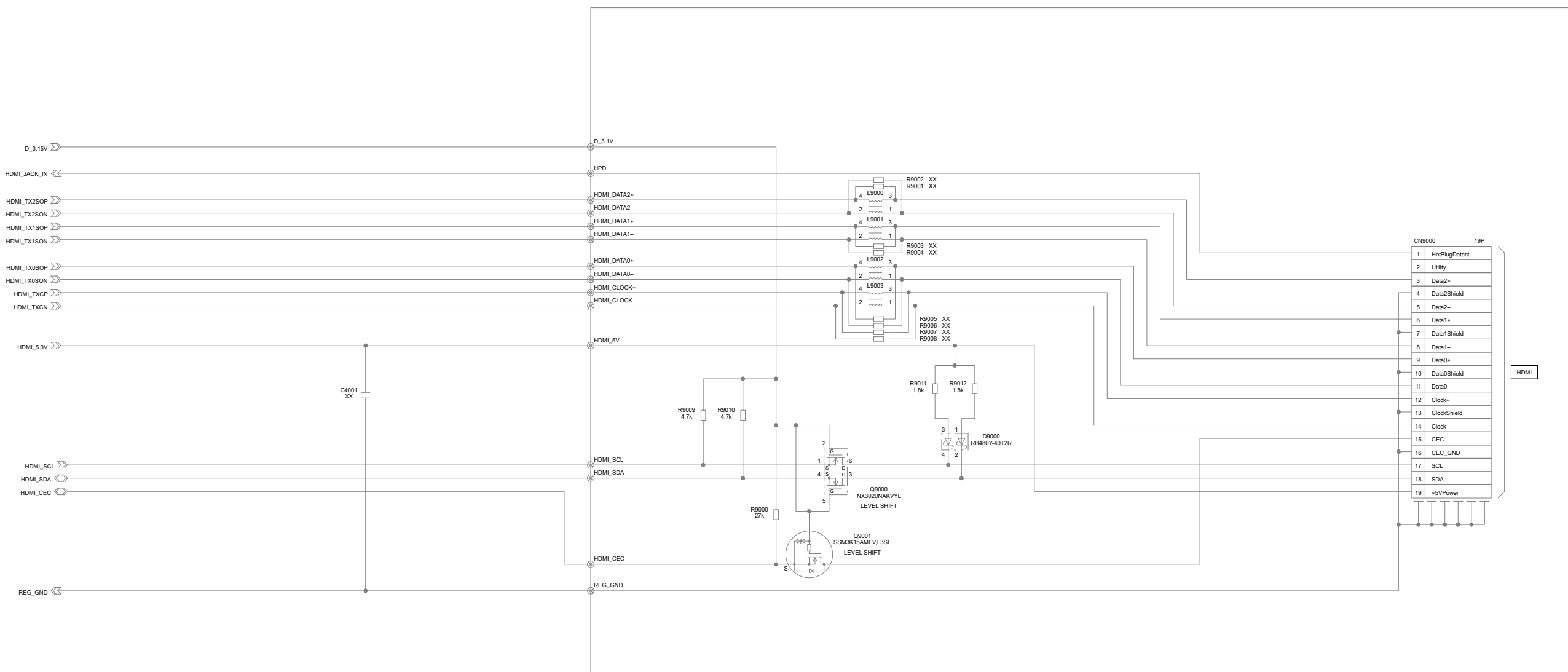
SY-1094 BOARD (23/27)
XX MARK: NO MOUNT



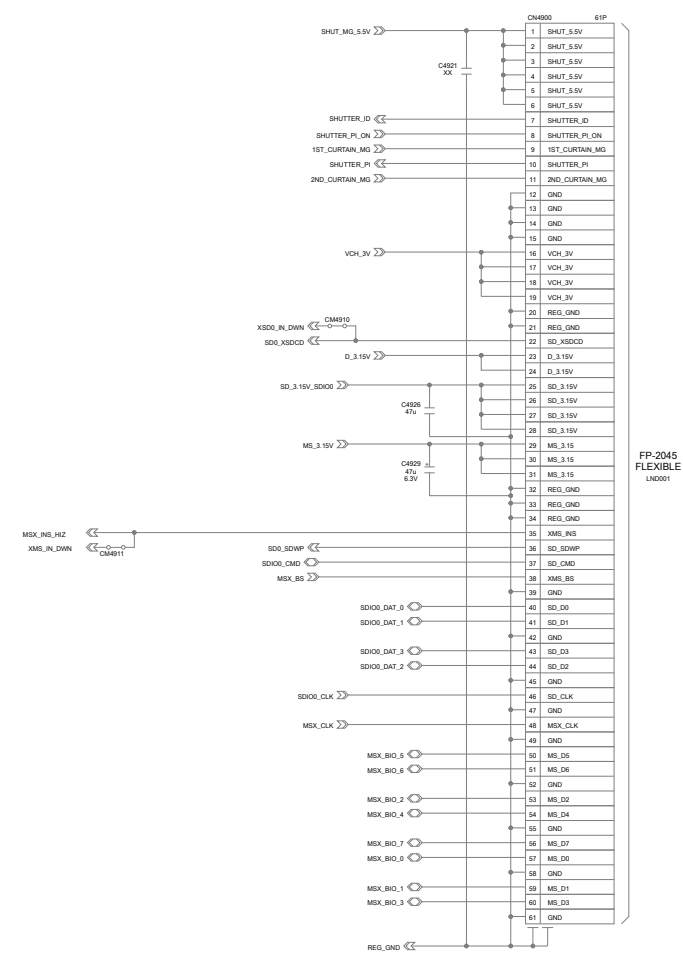
SY-1094 BOARD (24/27)



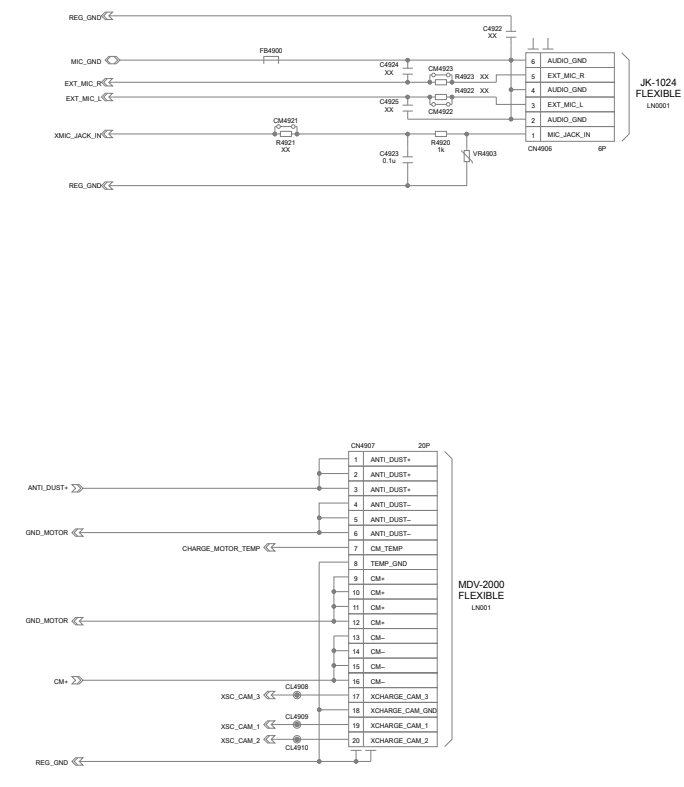
SY-1094 BOARD (25/27)
XX MARK: NO MOUNT



SY-1094 BOARD (26/27)
XX MARK: NO MOUNT

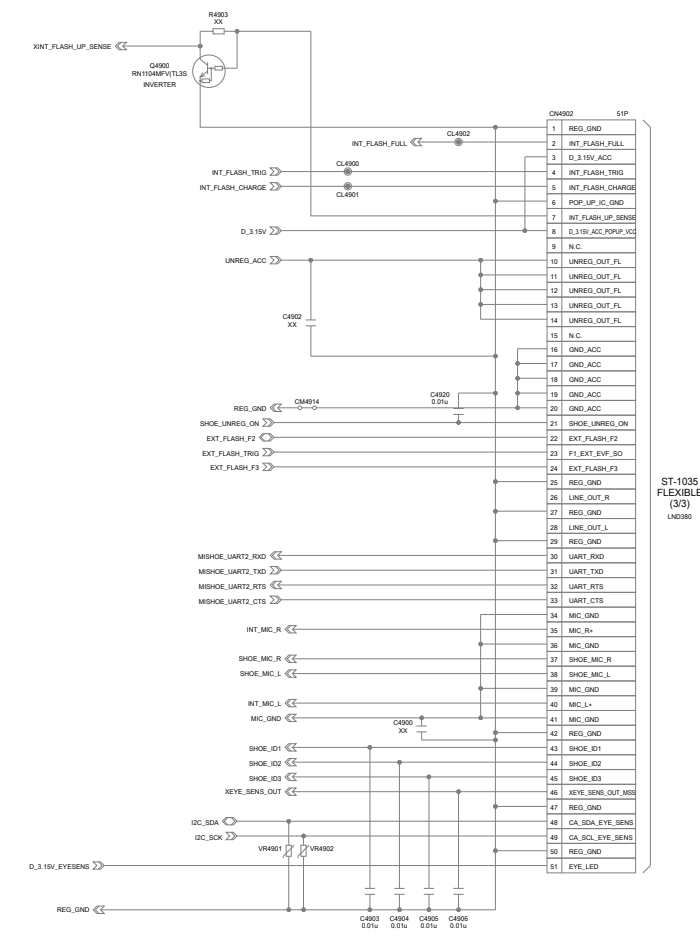


FP-2045
FLEXIBLE
LN0001

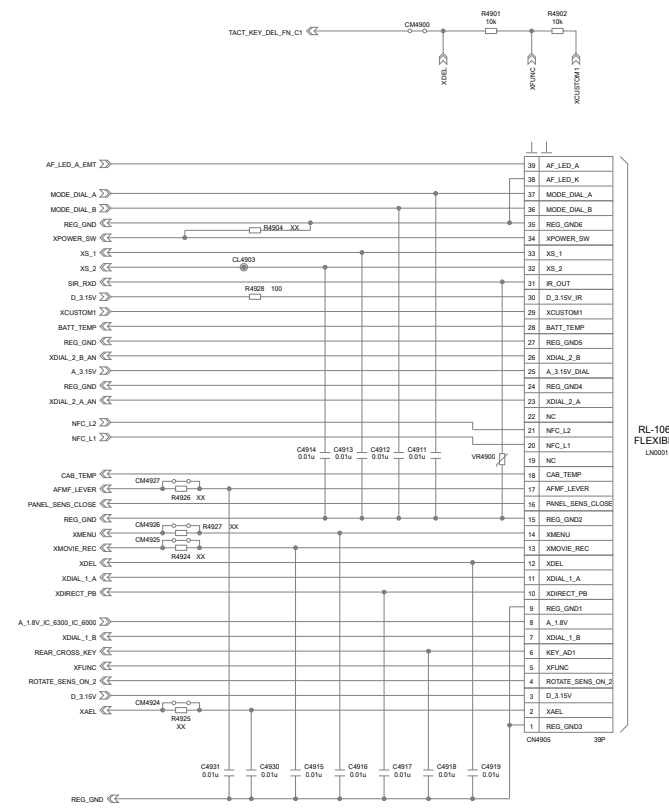
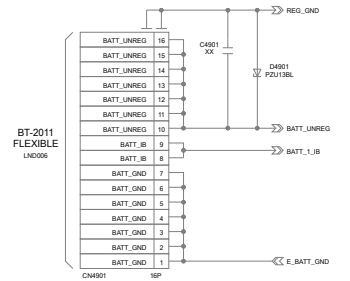
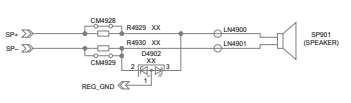
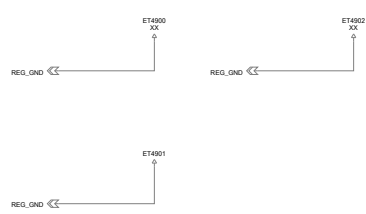
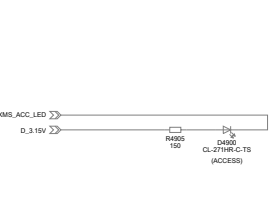


JK-1024
FLEXIBLE
LN0001

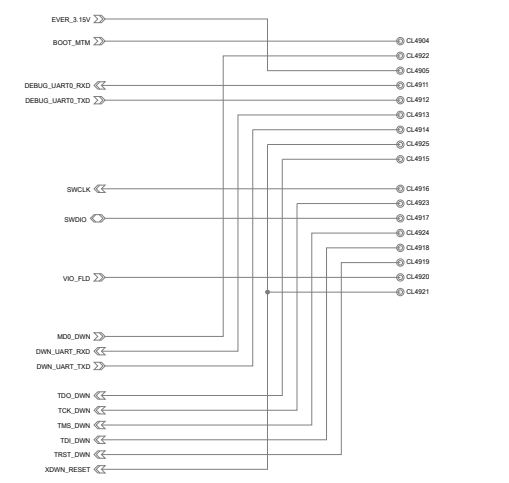
MDV-2000
FLEXIBLE
LN0001



ST-1035
FLEXIBLE
(3/3)
LN0000

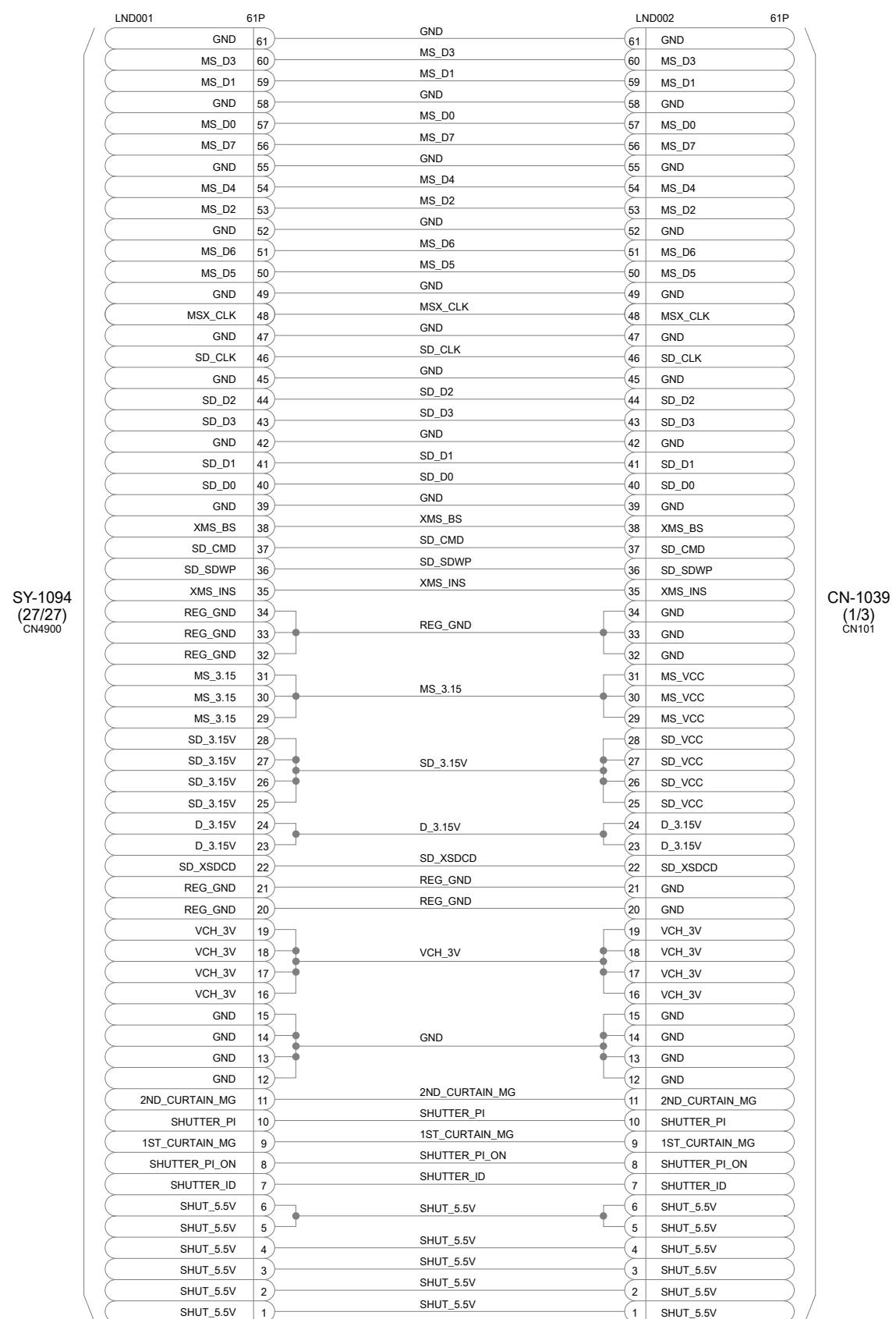


RL-1060
FLEXIBLE
LN0001



SY-1094 BOARD (27/27)

XX MARK: NO MOUNT

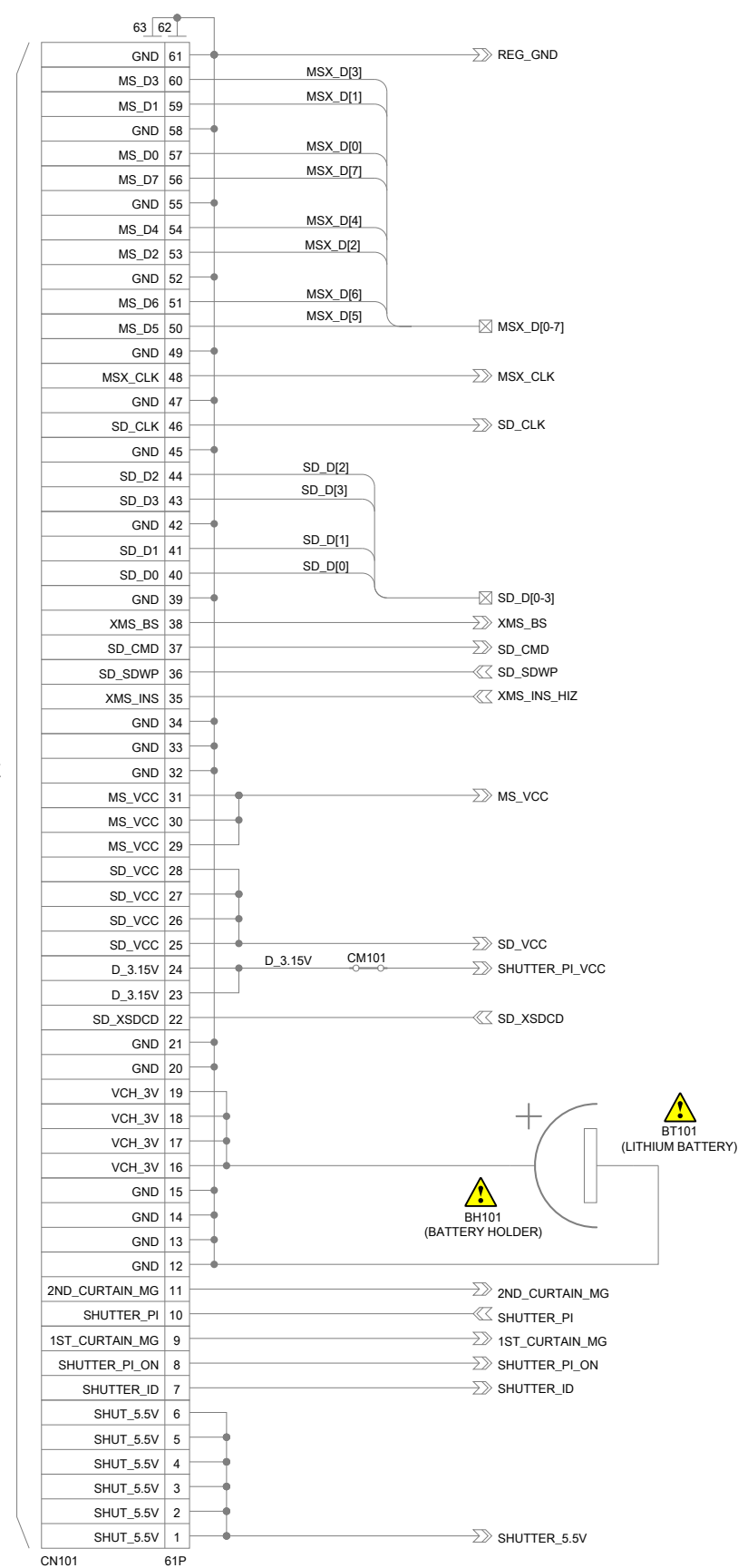


SY-1094
(27/27)
CN4900

CN-1039
(1/3)
CN101

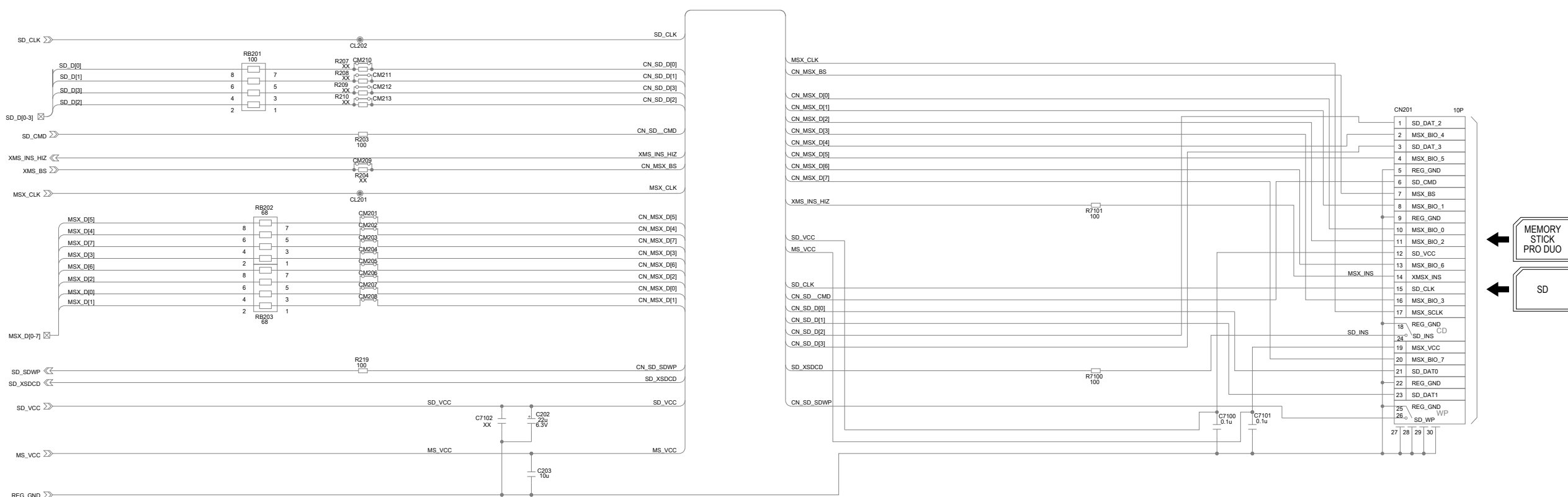
FP-2045 FLEXIBLE BOARD

(PRINTED WIRING BOARD is omitted.)

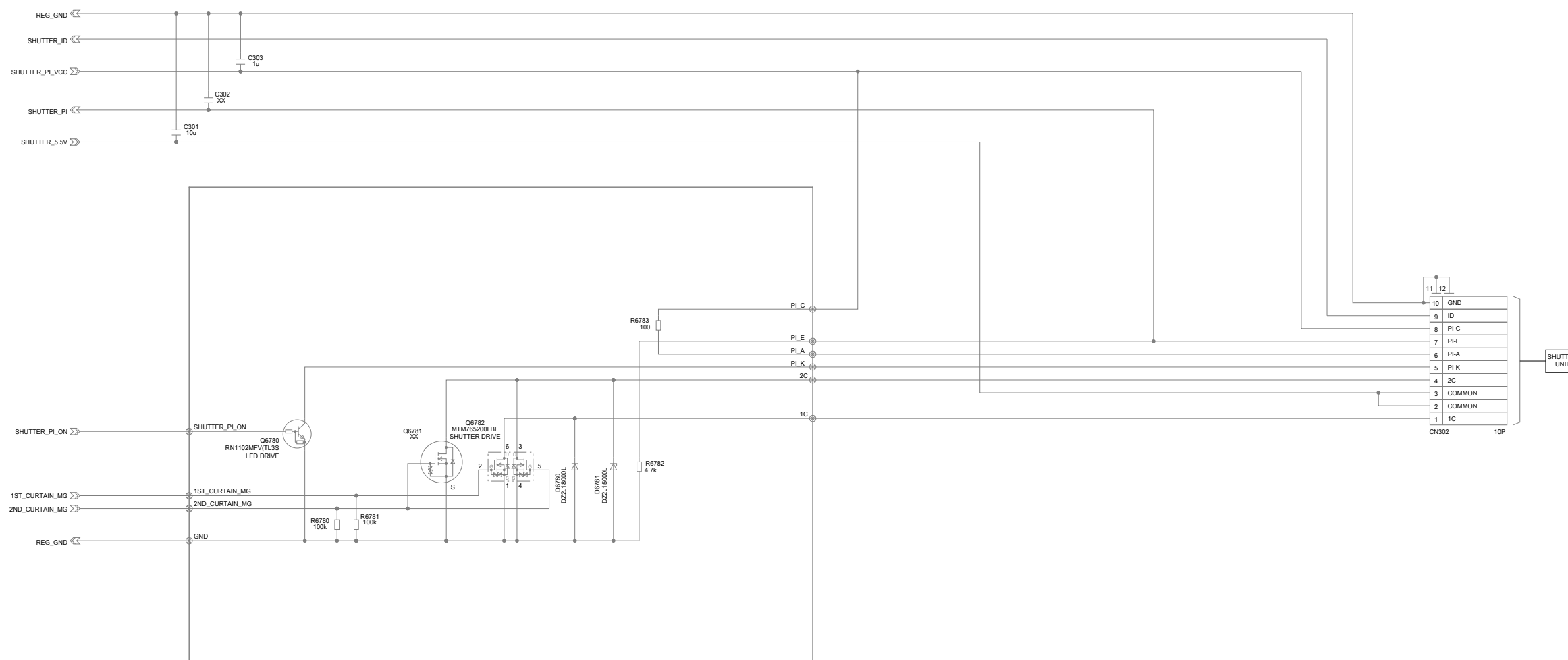


FP-2045
FLEXIBLE
LND002

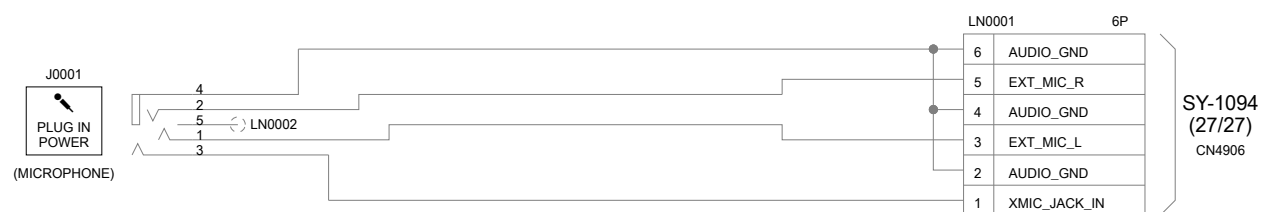
CN-1039 BOARD (1/3)



CN-1039 BOARD (2/3)
XX MARK: NO MOUNT



CN-1039 BOARD (3/3)
XX MARK: NO MOUNT



JK-1024 FLEXIBLE BOARD

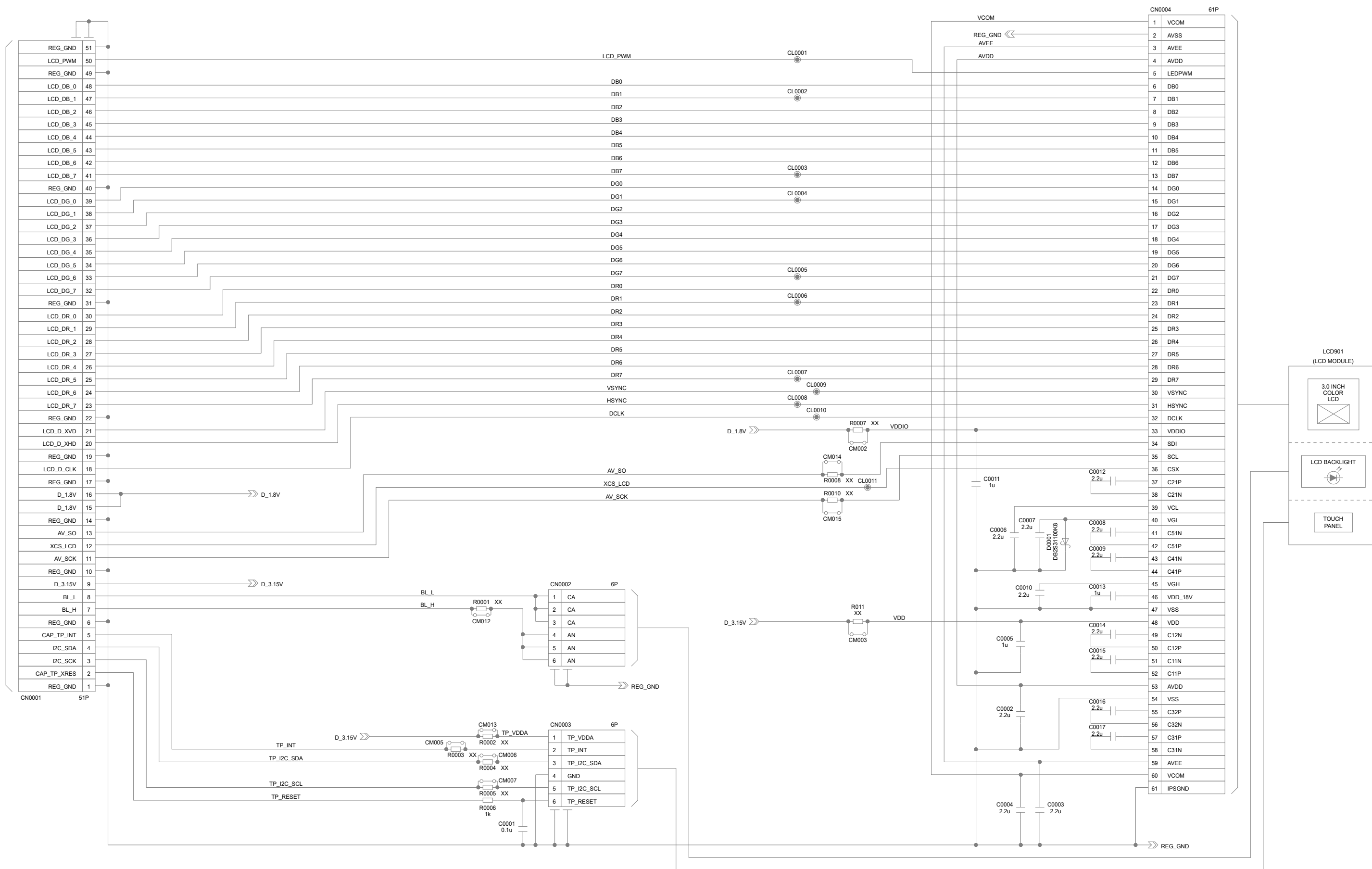
SY-1094
(22/27)
CN3000



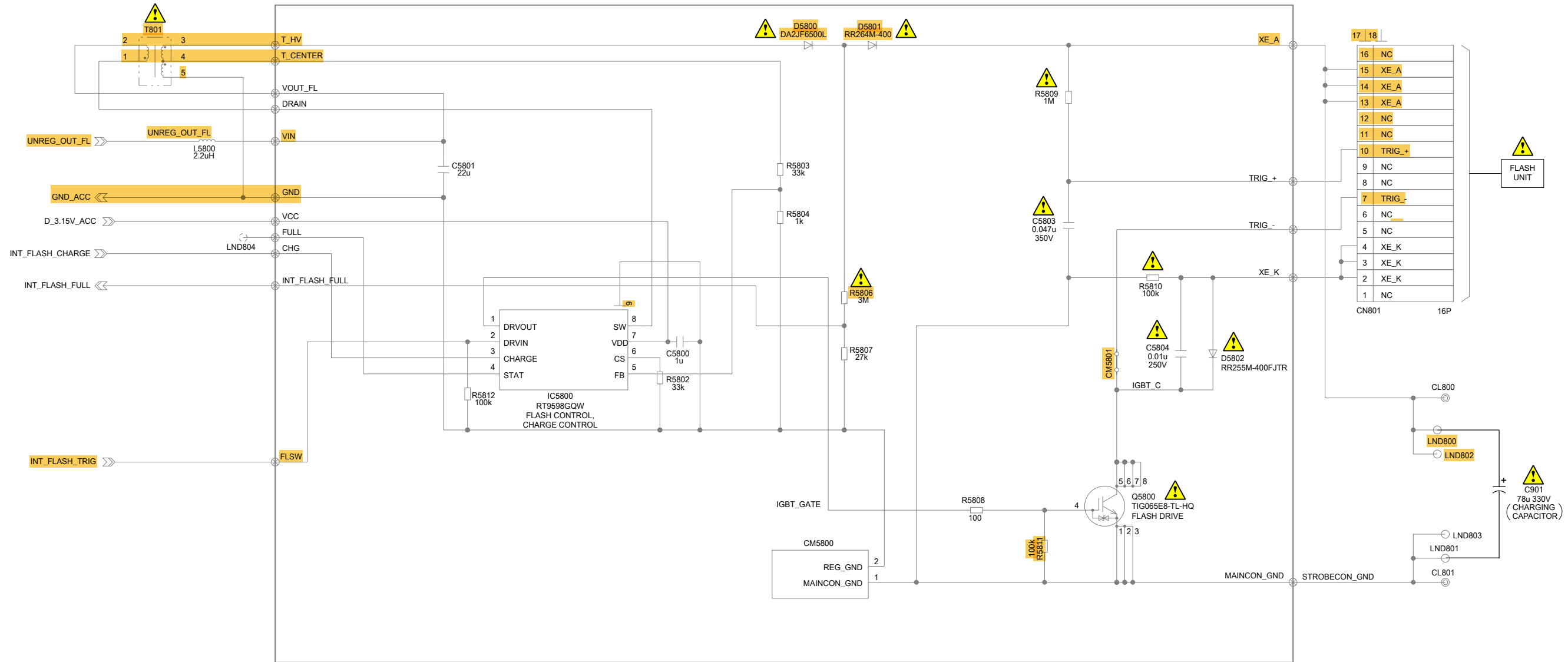
LC-1045
CN0001

LC-1042 FLEXIBLE BOARD

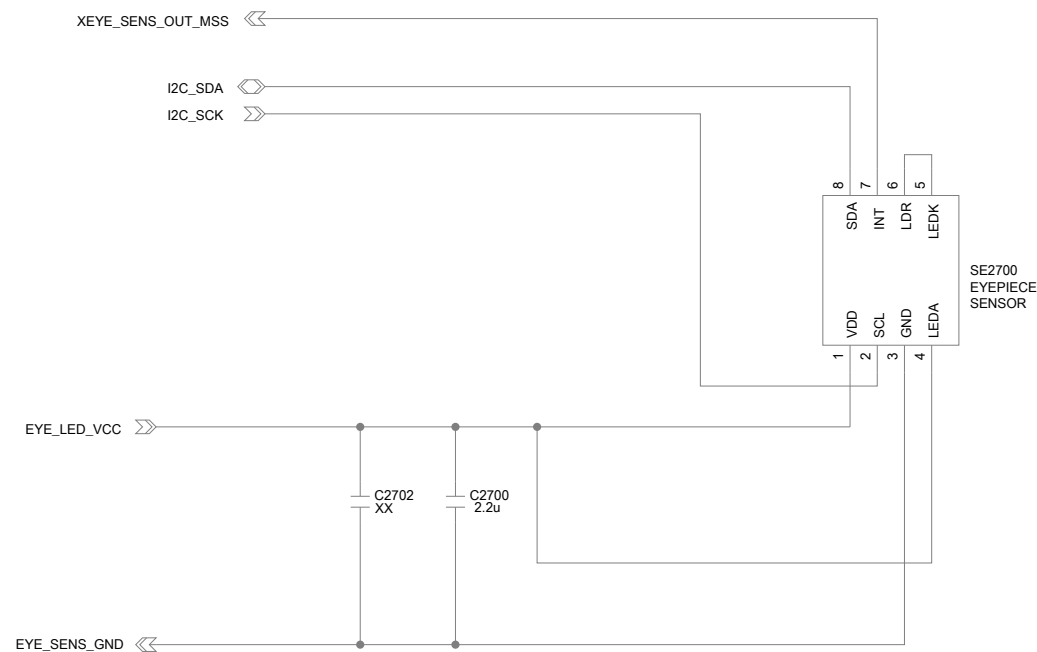
LC-1042
FLEXIBLE
LN002



LC-1045 BOARD
XX MARK: NO MOUNT



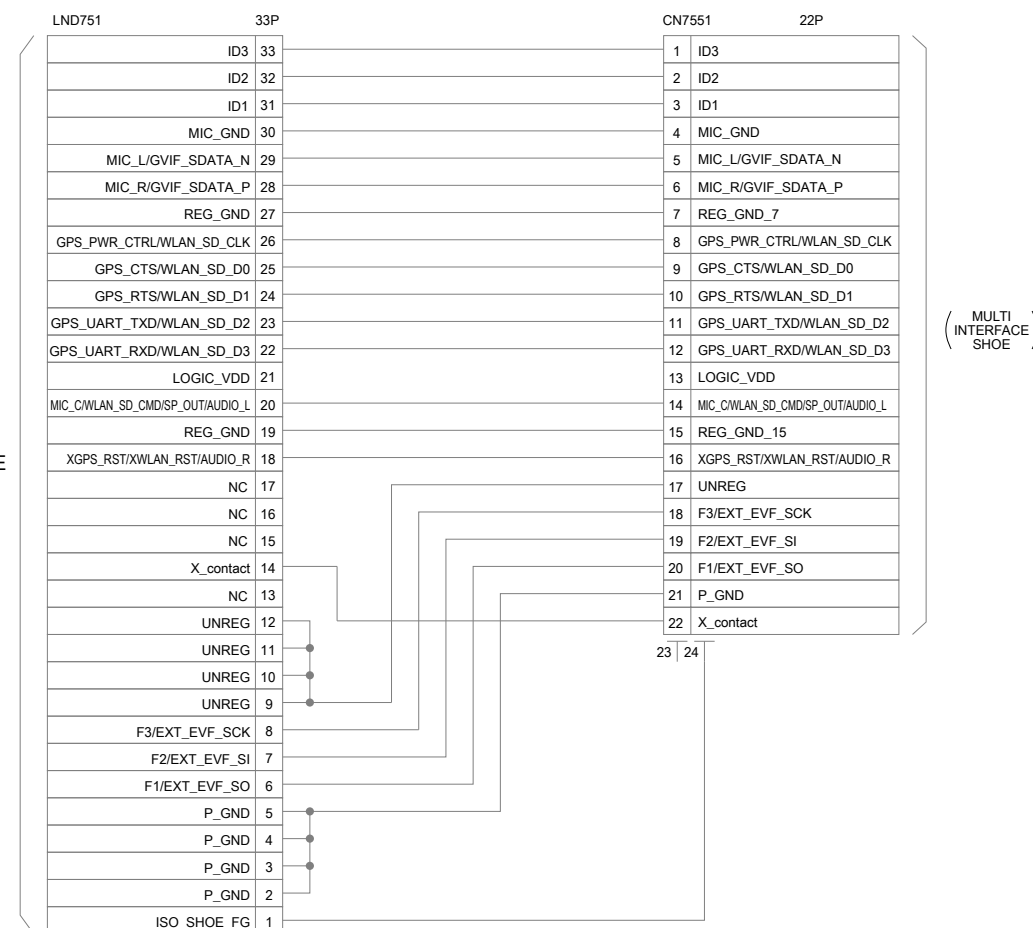
ST-1035 FLEXIBLE BOARD (1/3)



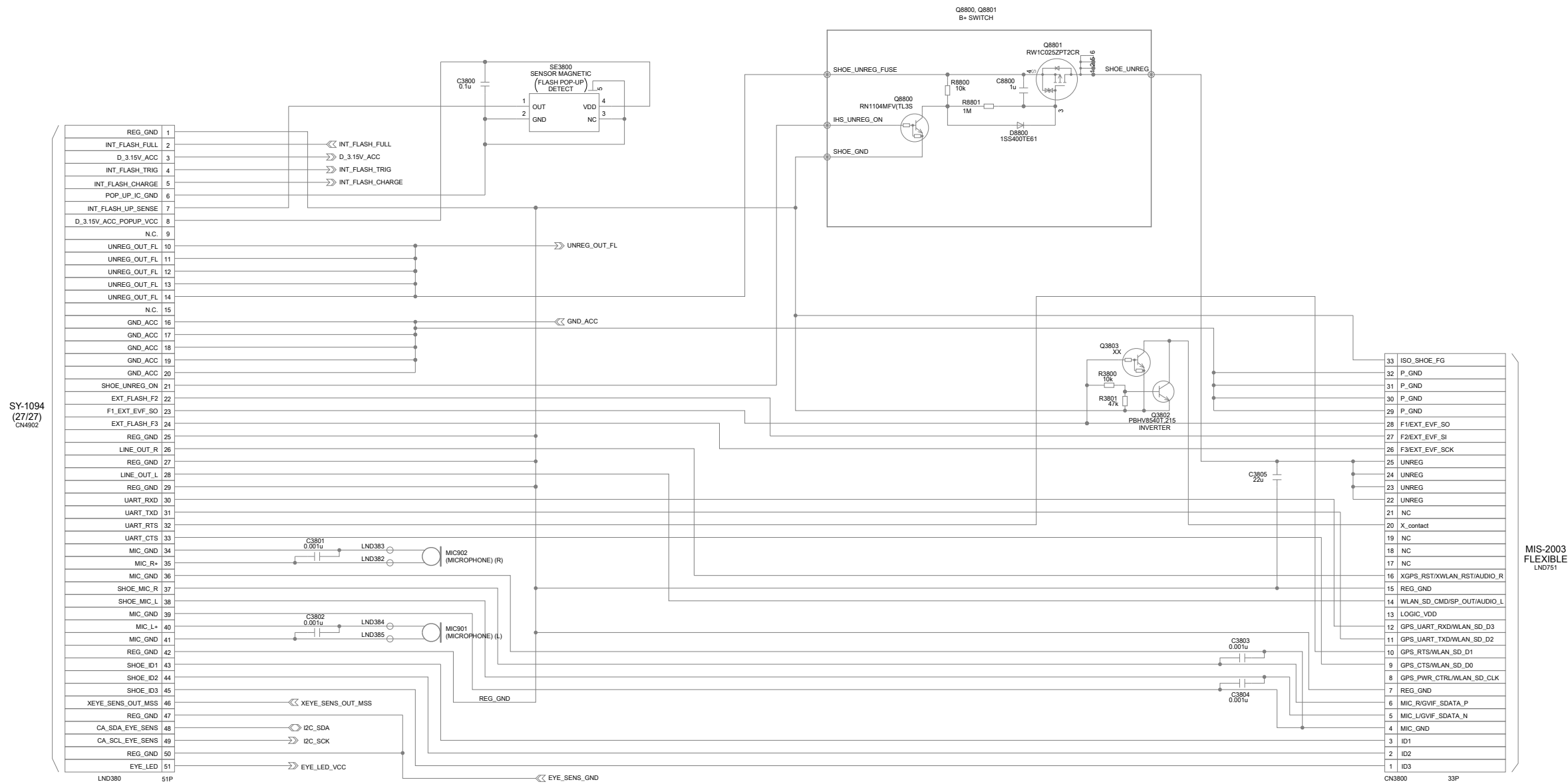
ST-1035 FLEXIBLE BOARD (2/3)

XX MARK: NO MOUNT

ST-1035
FLEXIBLE
(3/3)
CN3800

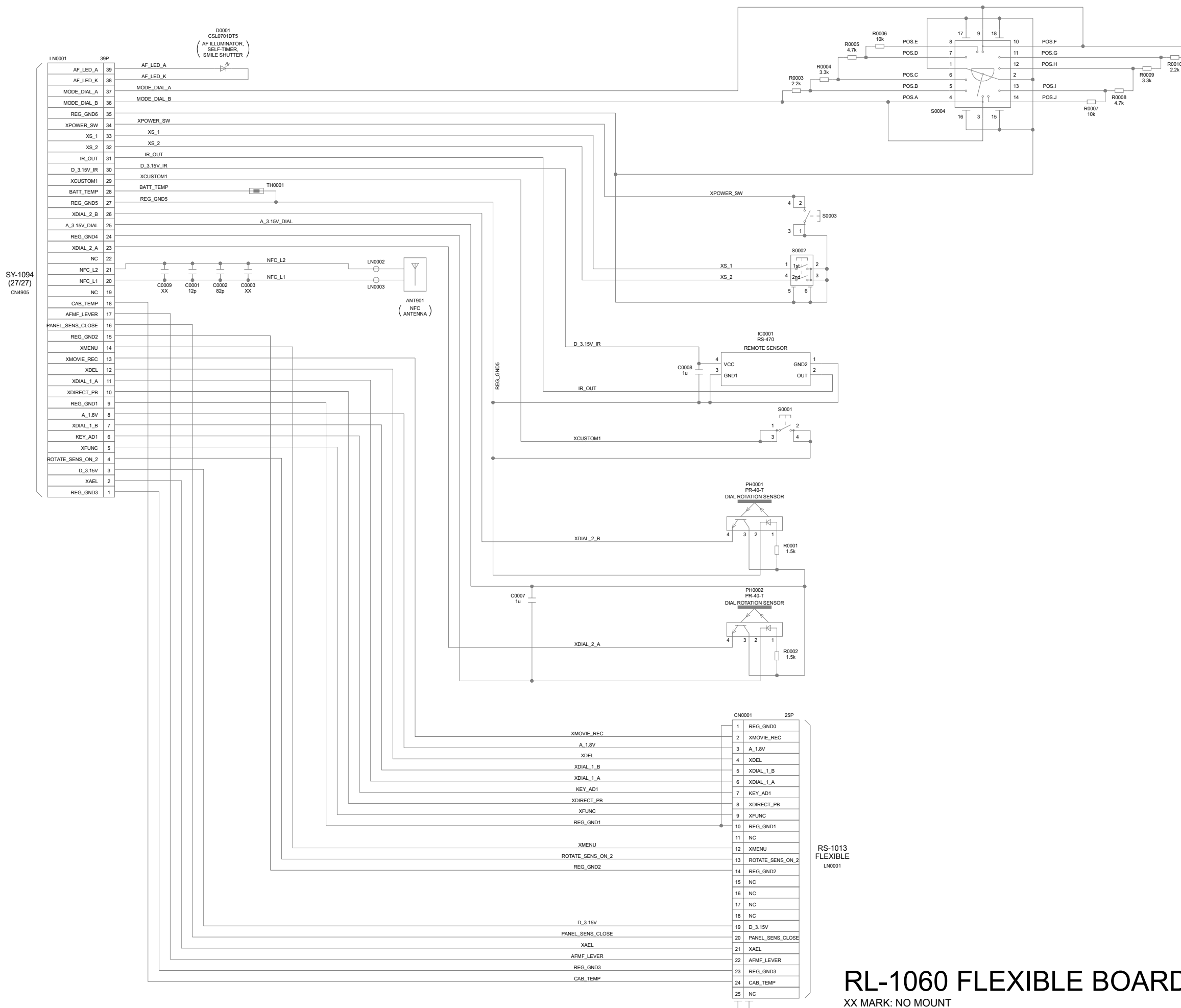


MIS-2003 FLEXIBLE BOARD



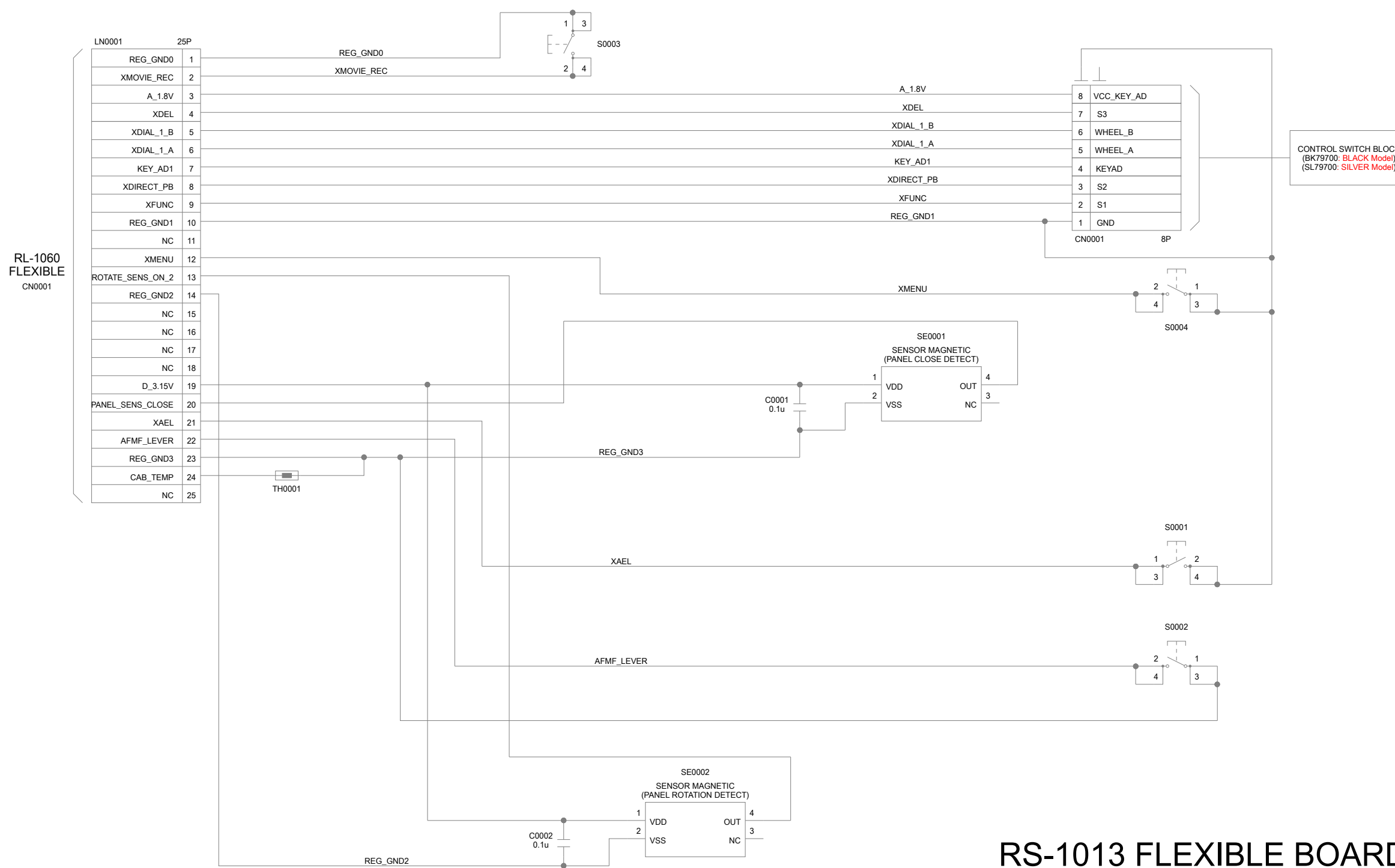
ST-1035 FLEXIBLE BOARD (3/3)

XX MARK: NO MOUNT

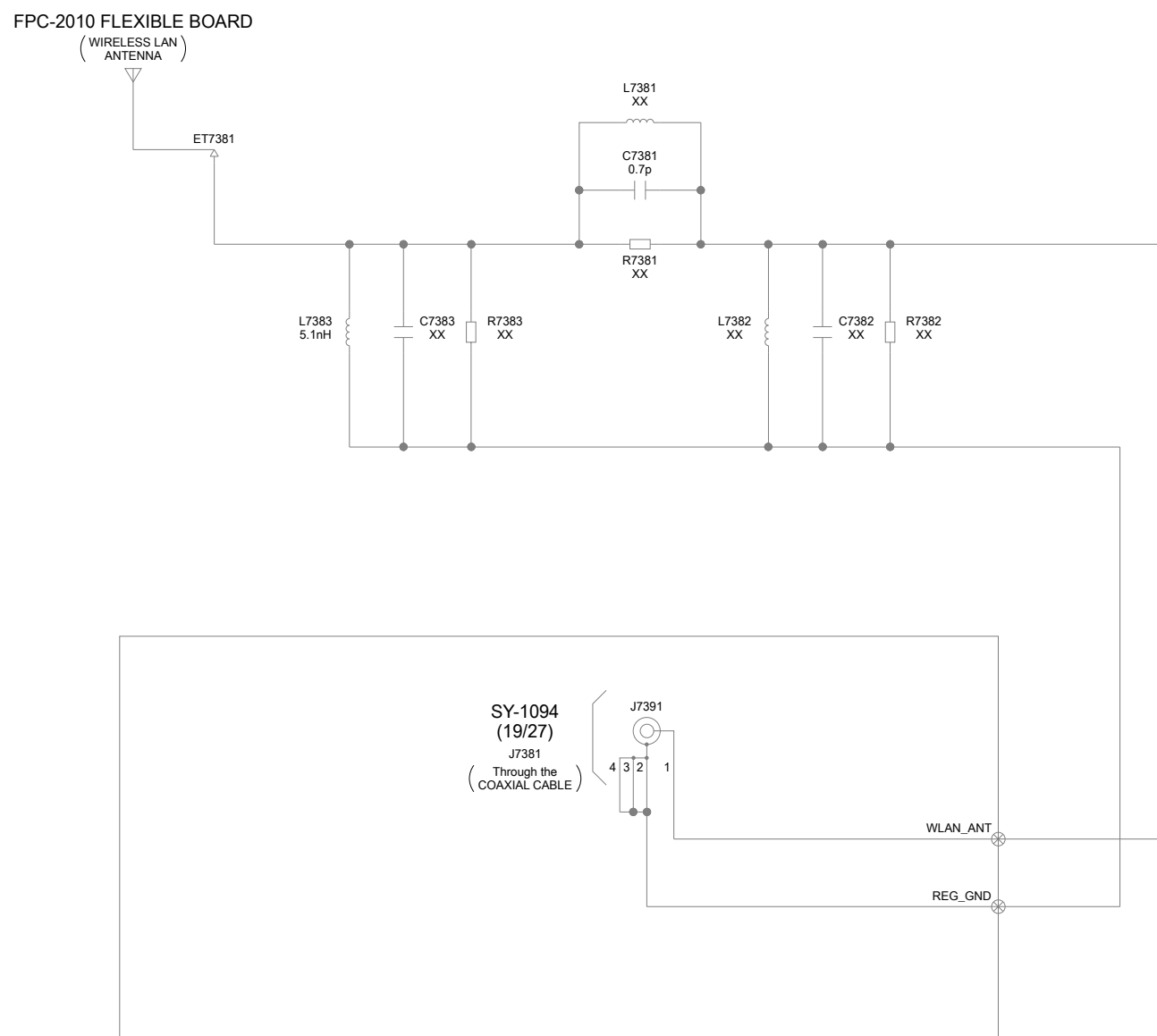


RL-1060 FLEXIBLE BOARD

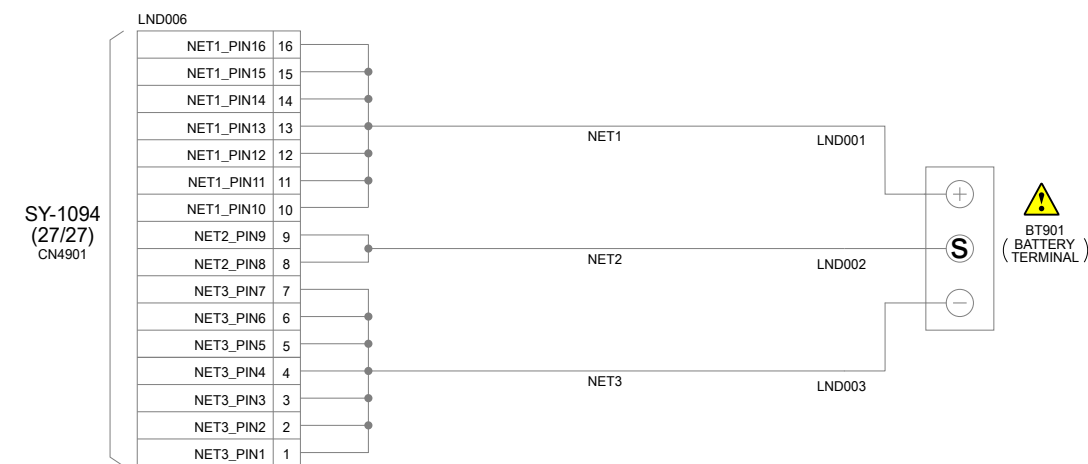
XX MARK: NO MOUNT



RS-1013 FLEXIBLE BOARD

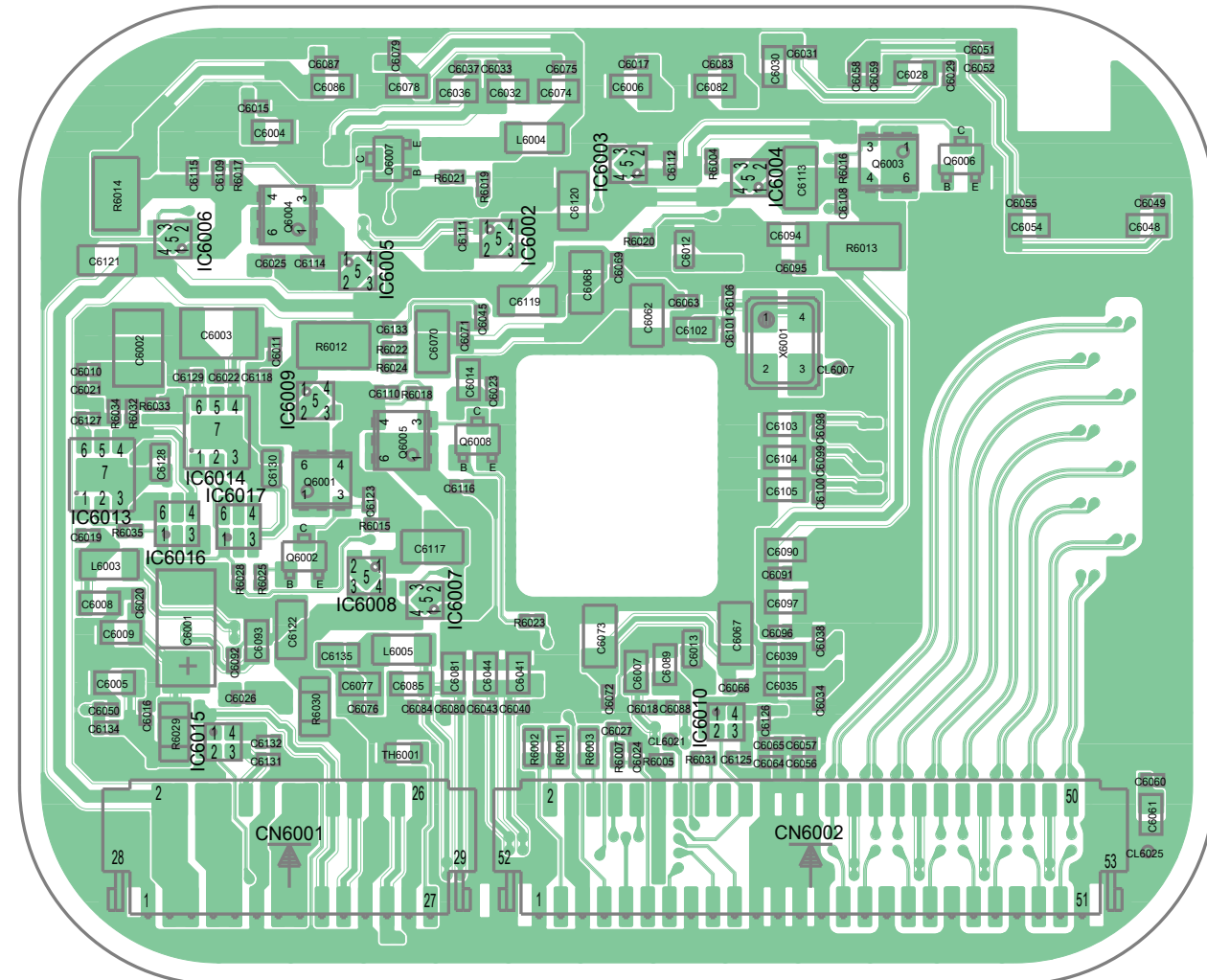


AN-1028 BOARD
XX MARK: NO MOUNT



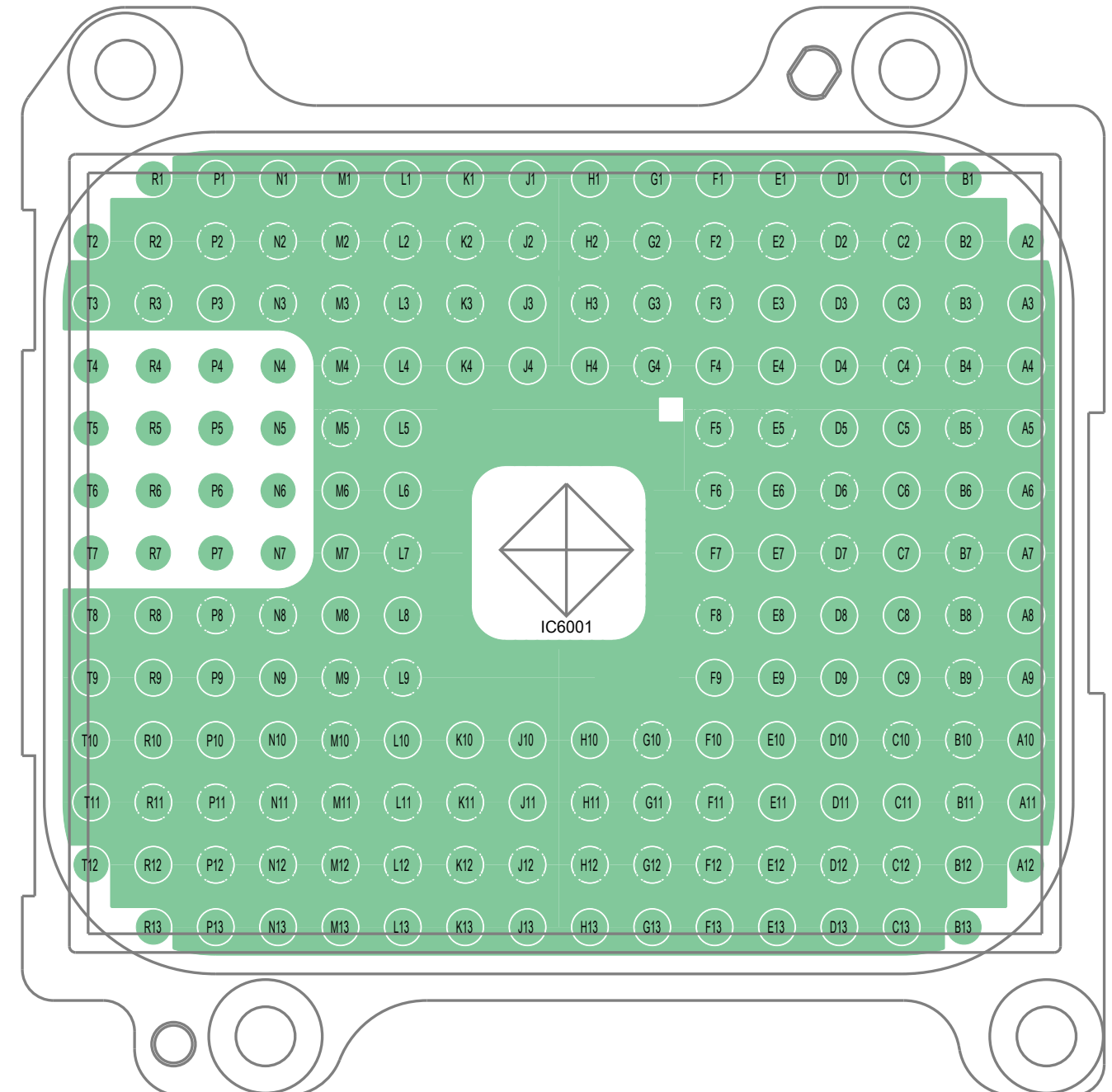
BT-2011 FLEXIBLE BOARD

IS-1027 BOARD (SIDE A)



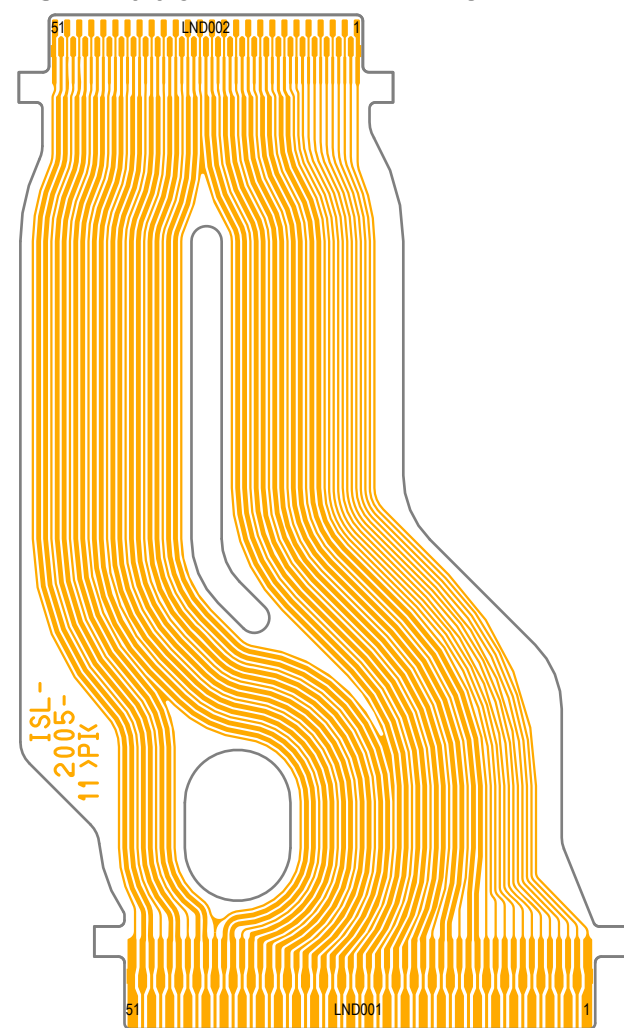
1-894-762-11

IS-1027 BOARD (SIDE B)



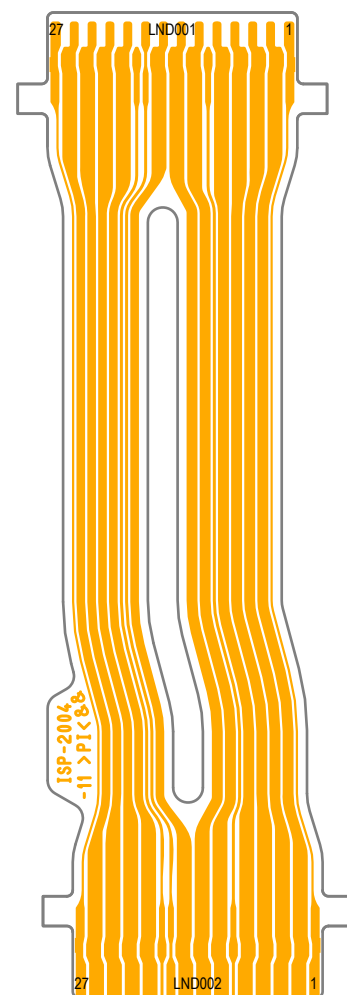
1-894-762-11

ISL-2005 FLEXIBLE BOARD



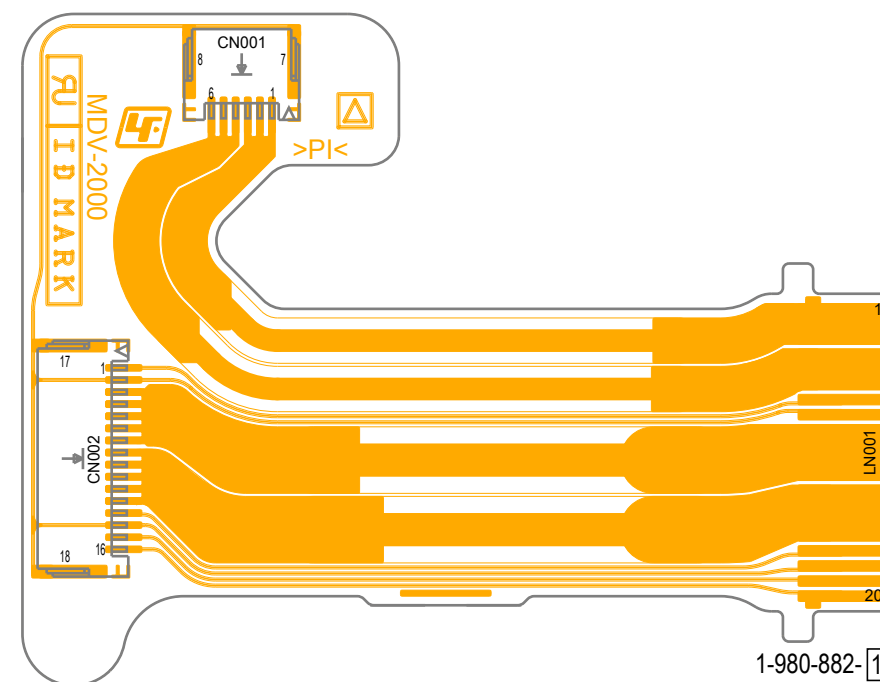
1-894-656- [11]

ISP-2004 FLEXIBLE BOARD



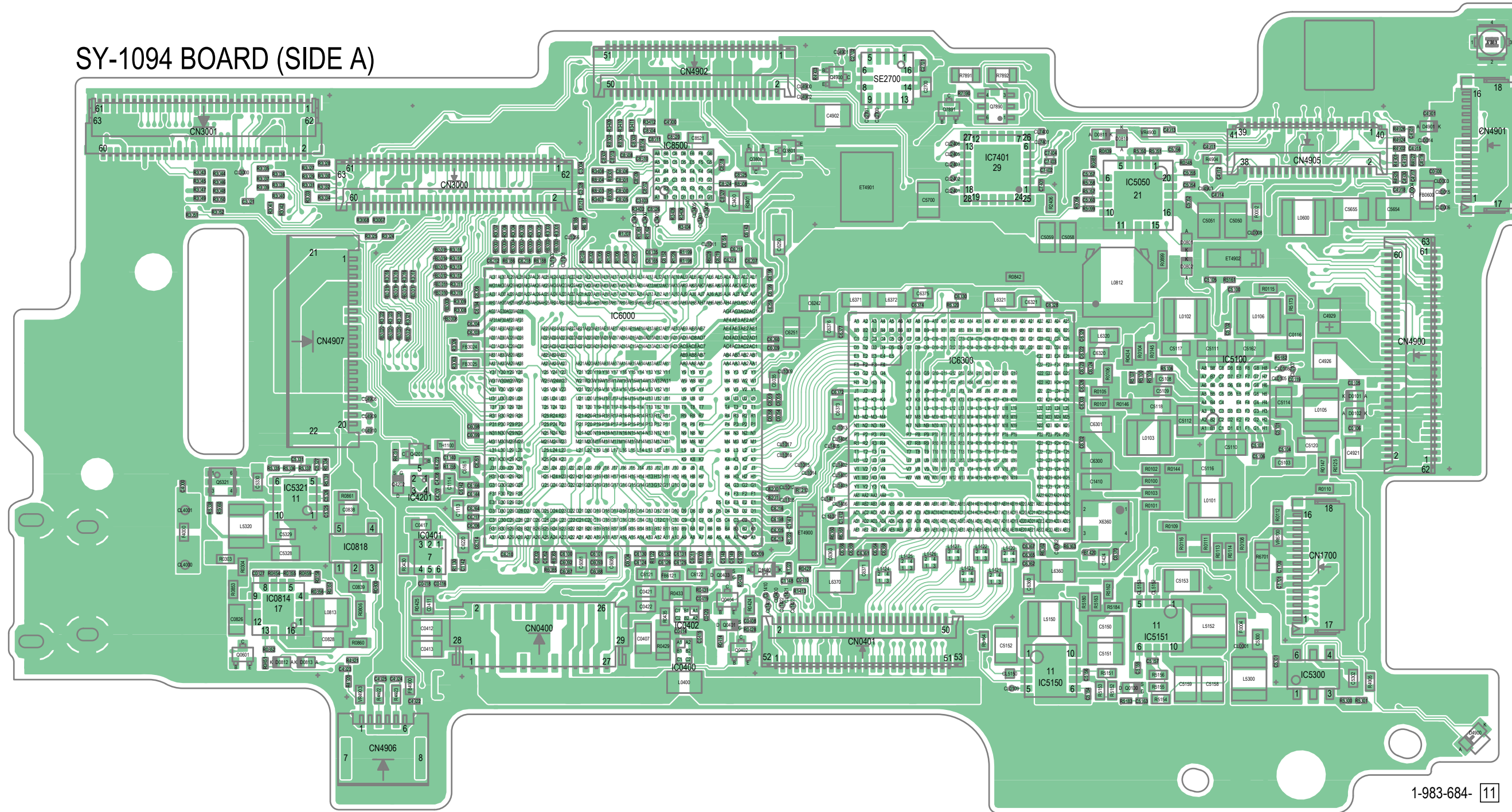
1-894-655- [11]

MDV-2000 FLEXIBLE BOARD



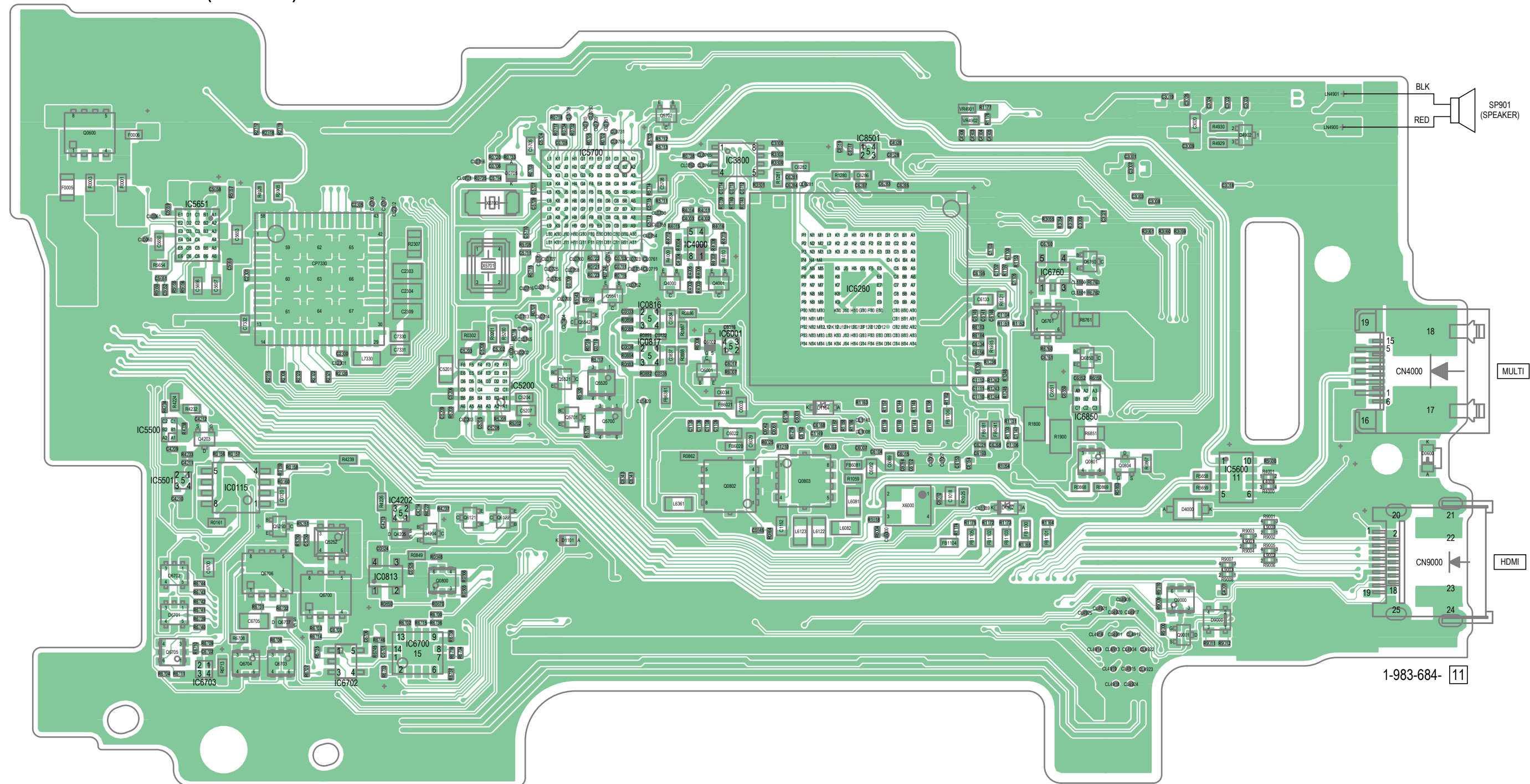
1-980-882- [11]

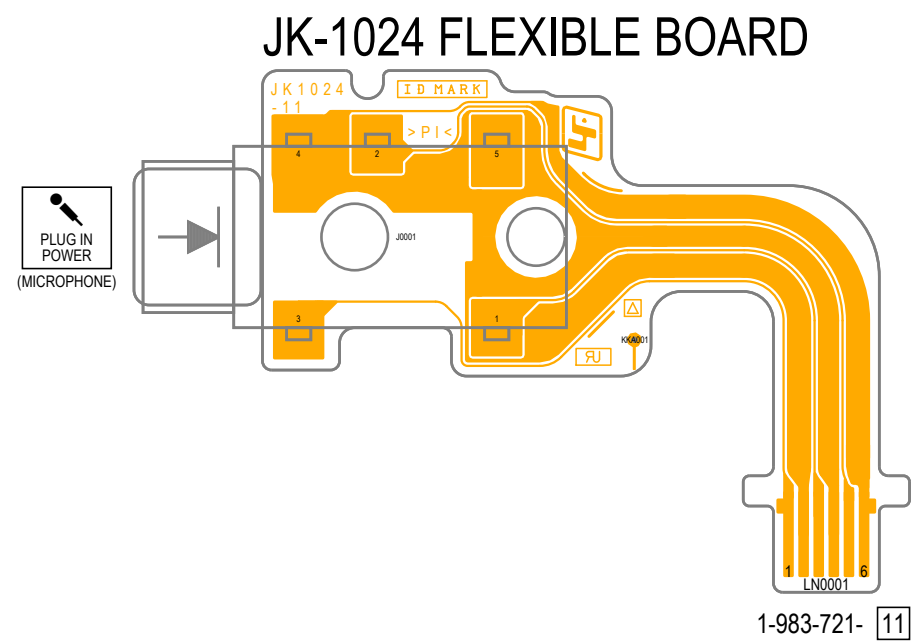
SY-1094 BOARD (SIDE A)



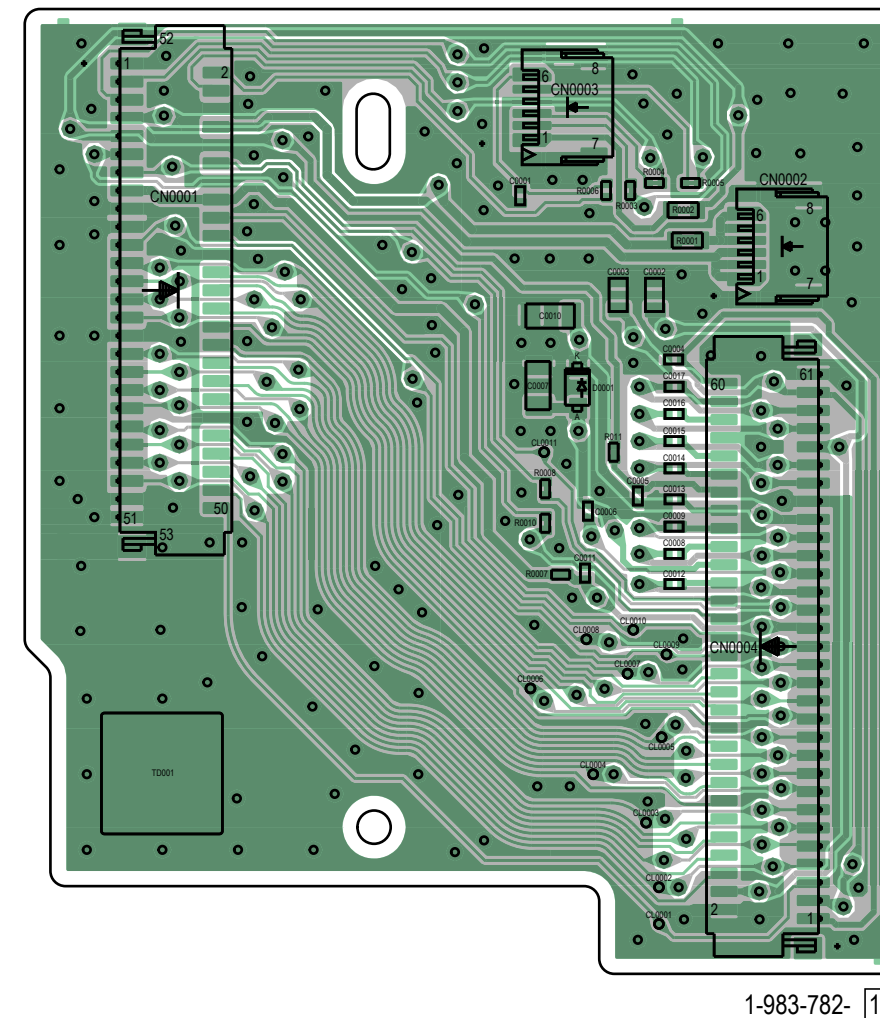
1-983-684-11

SY-1094 BOARD (SIDE B)

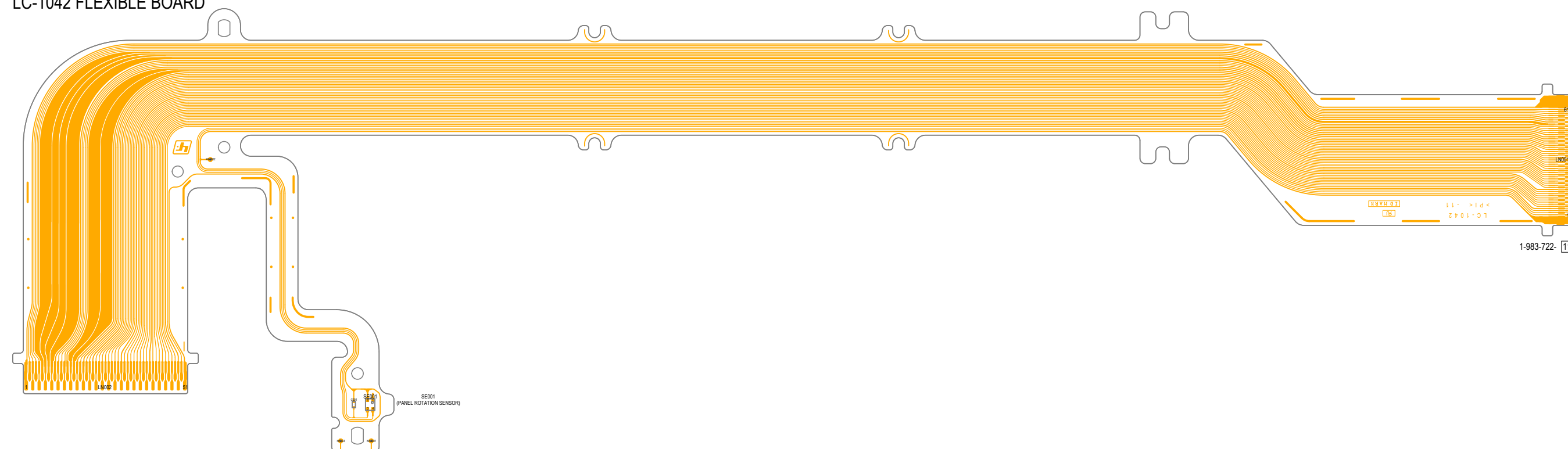




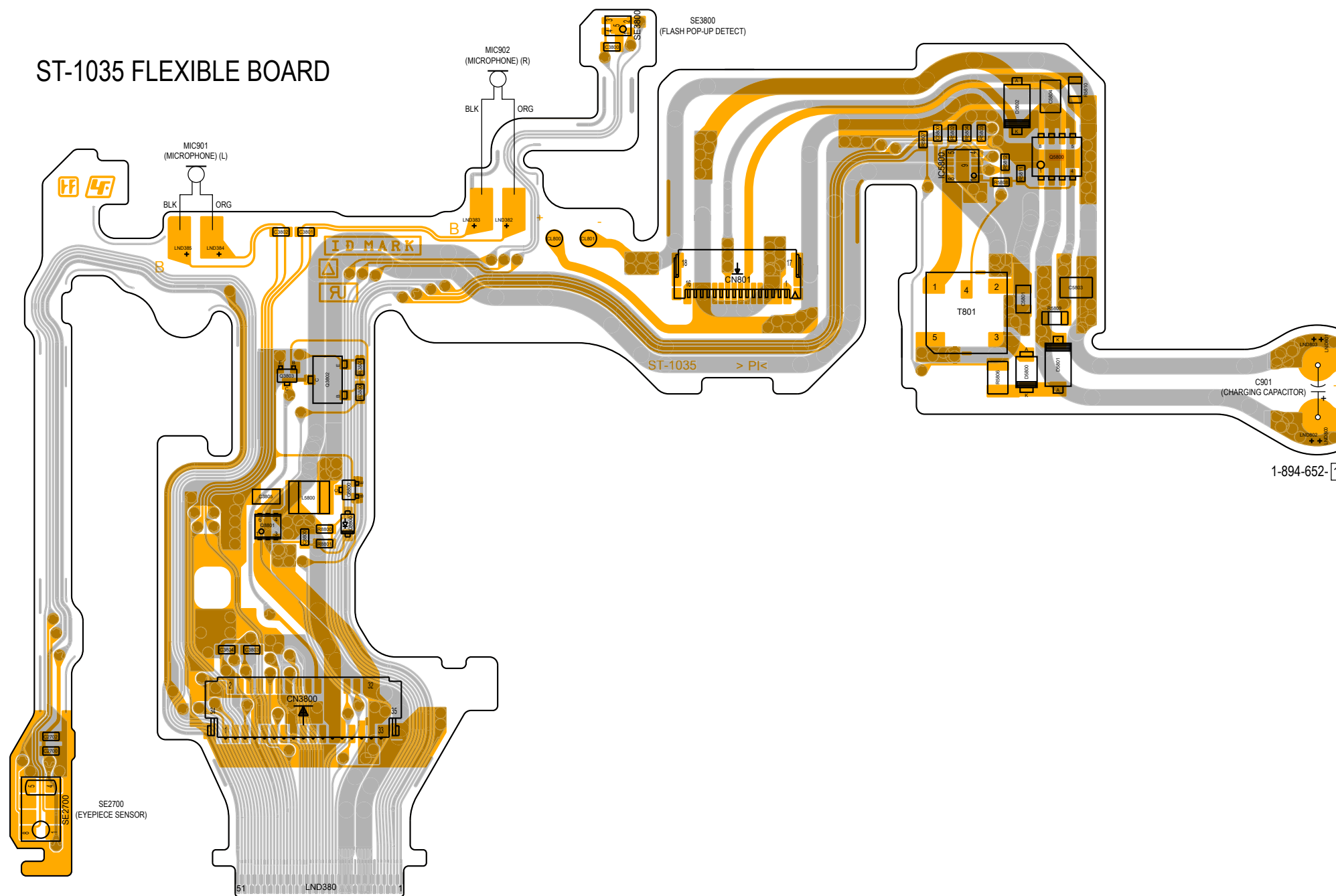
LC-1045 BOARD



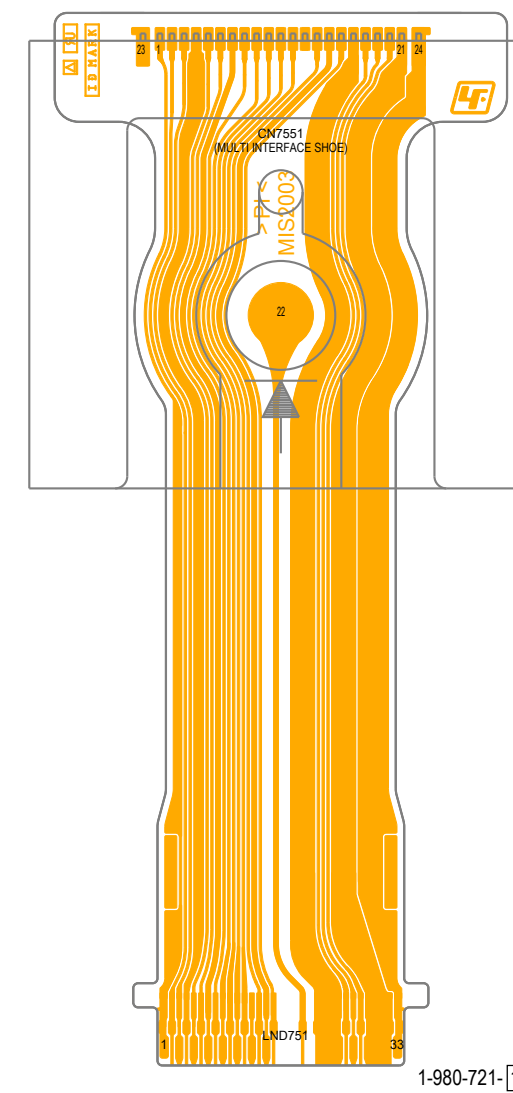
LC-1042 FLEXIBLE BOARD



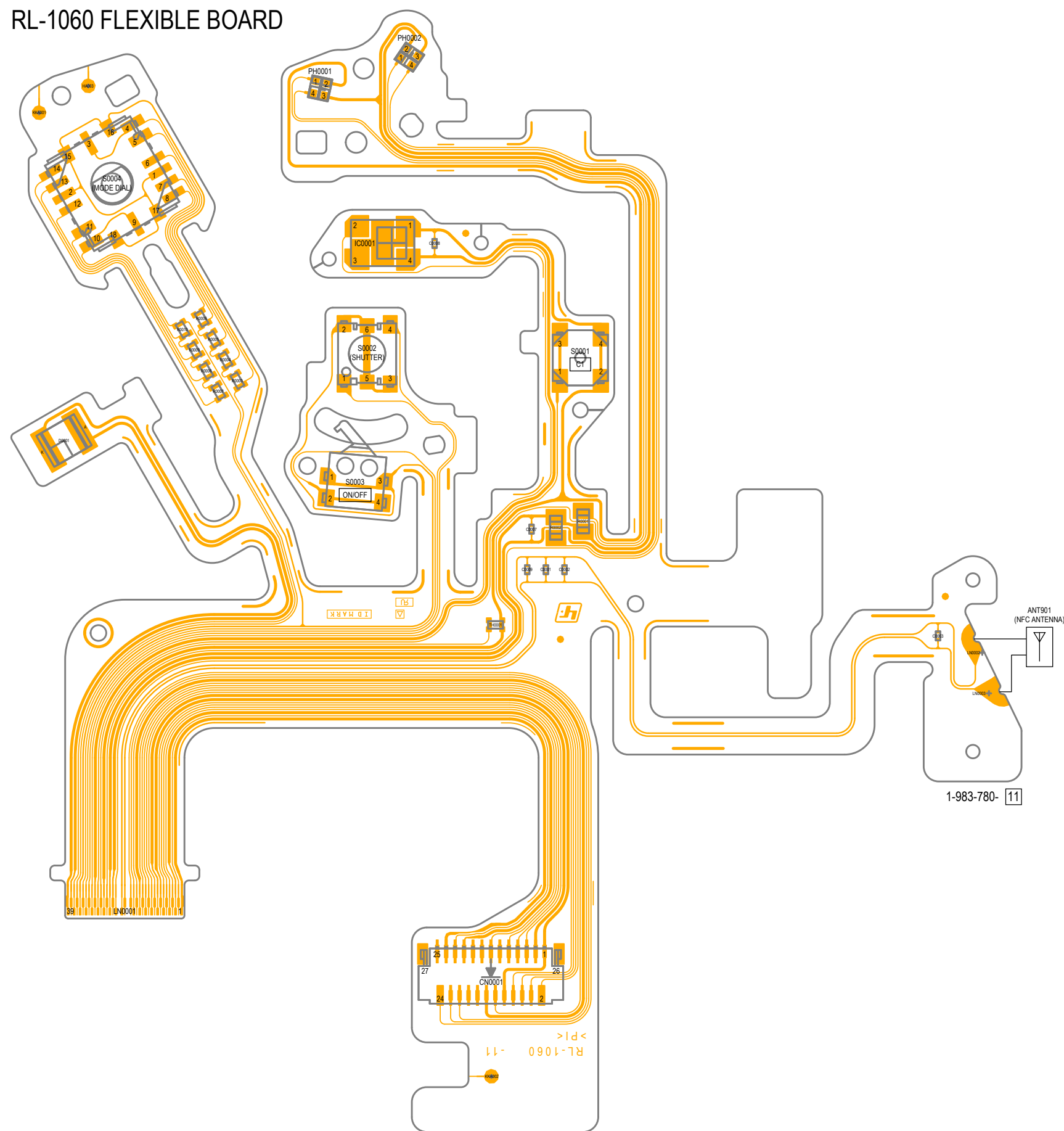
ST-1035 FLEXIBLE BOARD



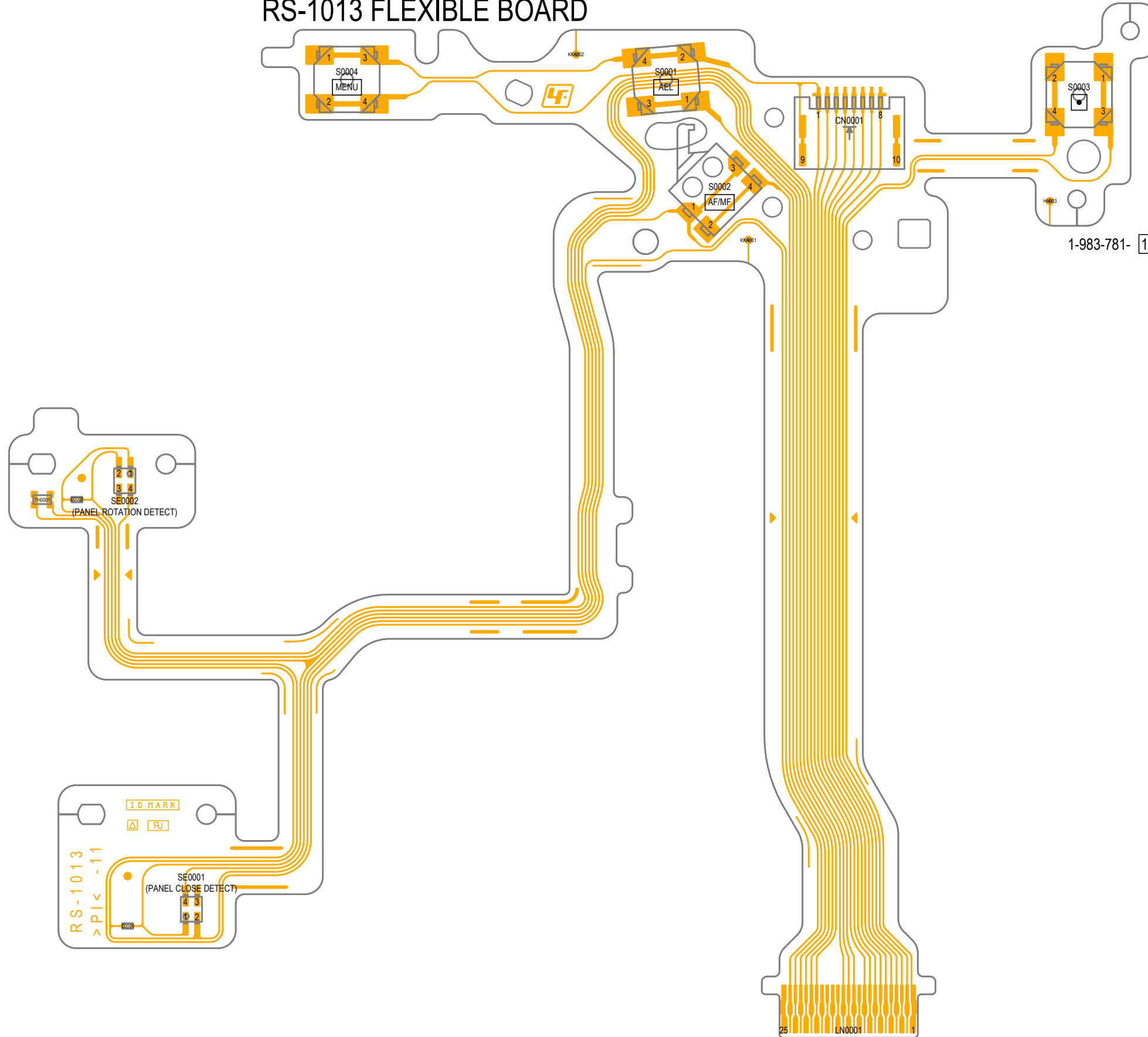
MIS-2003 FLEXIBLE BOARD



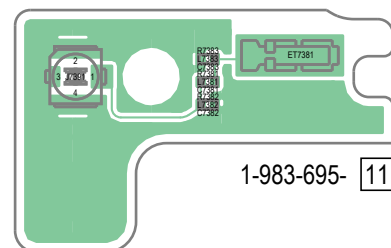
RL-1060 FLEXIBLE BOARD



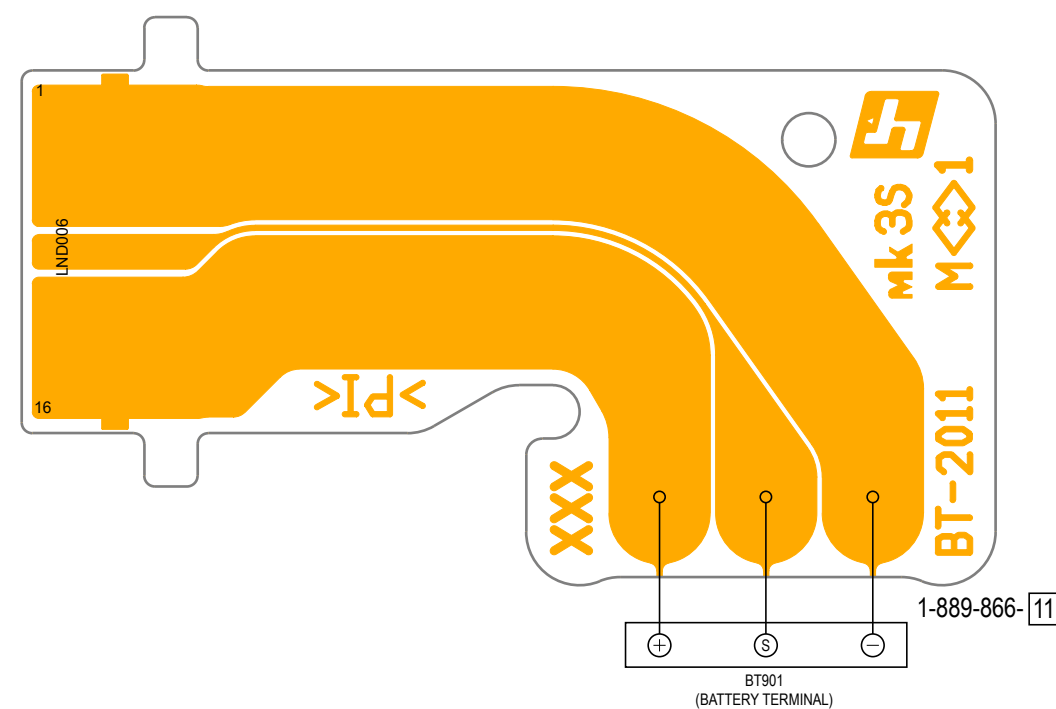
RS-1013 FLEXIBLE BOARD



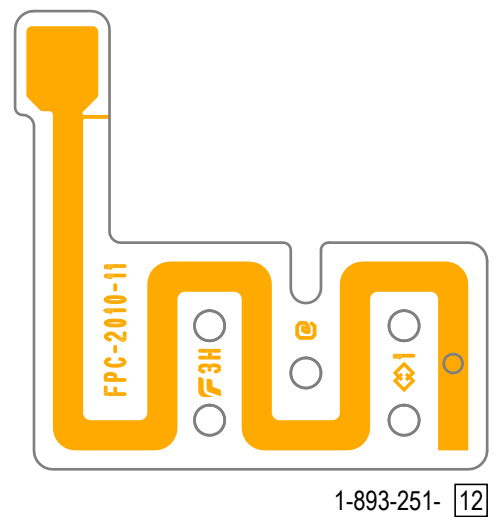
AN-1028 BOARD



BT-2011 FLEXIBLE BOARD



FPC-2010 FLEXIBLE BOARD



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For Authorized Servicer

Revision History

Ver.	Date	History	Contents
1.0	2019.01	Official Release	—