

Disassembly Instruction



LCD Monitor

HB3201UHSNP-B1



WARNING

This disassembly information is designed for experienced repair technicians only and is not designed for use by the general public.

It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.

Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this disassembly information by anyone else could result in serious injury or death.

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Important Safety Notice

Proper service and repair procedures are essential to ensure the safe and reliable operation of all IYYAMA equipment. The methods recommended in this service manual have been validated by IYYAMA and represent the approved techniques for performing repairs. Certain procedures require the use of specialized tools, which must be used as specified.

This manual contains CAUTIONS, WARNINGS, and NOTICES that must be carefully observed to minimize risks to personnel and equipment. These guidelines are not exhaustive—IYYAMA cannot anticipate every possible service scenario or its consequences. Therefore, if a service technician chooses to use a non-recommended method or tool, they must first verify that it does not compromise safety or equipment functionality.

Throughout this disassembly Instruction, "IYYAMA" refers to IYYAMA Company.

WARNINGS

- **Replacement Parts:** The use of non-approved parts may introduce electrical, fire, or other hazards.
 - **Design Modifications:** Unauthorized design changes are strictly prohibited. IYYAMA assumes no liability for damages resulting from such modifications. The service provider bears full responsibility.
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LASER EQUIPMENT SAFETY

DANGER – Invisible laser radiation when open. Avoid direct exposure to the beam.

CAUTION – Adjustments or procedures not specified in this manual may result in hazardous radiation exposure.

CAUTION – Using optical instruments with this product increases eye hazard.

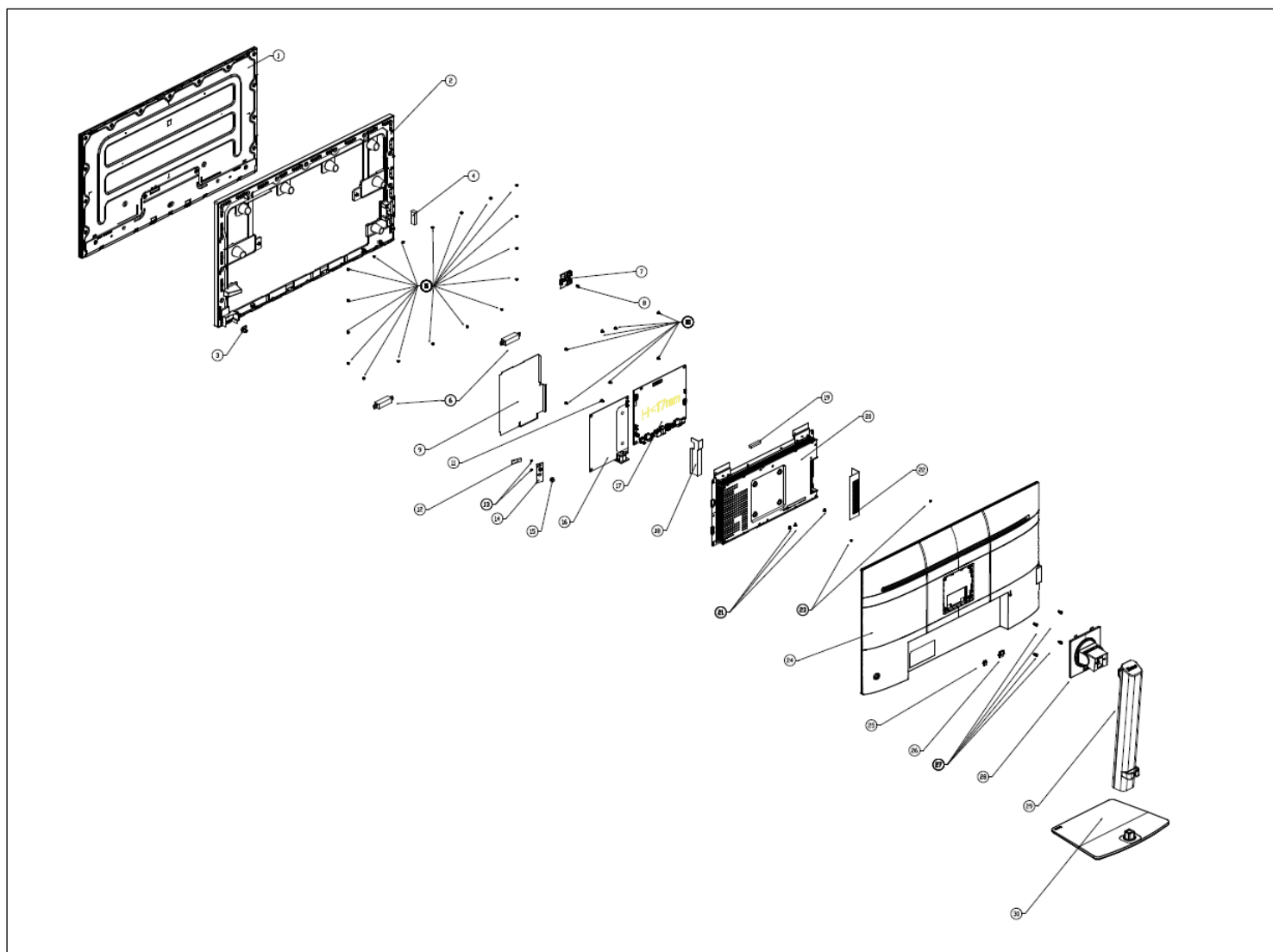
REPLACEMENT PARTS REQUIREMENT

To maintain product reliability, only original manufacturer parts (listed in the Parts List section) should be used.

LCD MODULE HANDLING GUIDELINES

- **Mounting:** Secure the module using the four corner mounting holes.
- **Pressure Avoidance:** Do not apply force to the panel or frame edges to prevent damage.
- **Sharp Objects:** Avoid contact with pens, pencils, or other sharp items that may scratch the panel.
- **ESD Protection:** Handle with anti-static precautions (CMOS circuits are sensitive). Technicians must wear a grounded wrist strap.
- **Environment:** Do not expose the module to prolonged high temperature or humidity.
- **Moisture Prevention:** Prevent liquid contact to avoid short circuits.
- **Cleaning:** Use a soft, lint-free cloth. Abrasive materials can damage the panel.

Exploded view diagram with list of items



JYH HB3201						
NO	part number	part name	QTY	UNIT	MATERIAL	NOTES
1		PANEL	1	pcs		
2	F34G4322ADM-1S0130	MIDFRAME	1	pcs	料 2ABS	
3	F33G0135-2-1C0100	LENS	1	pcs	透視聚碳酸酯 T=0.3	
4		SPONGE	1	pcs	导电泡棉	
5	0MUG3030-4120	MIDFRAME TO PANEL SCREW	18	pcs	M3*4	
6		SPEAKER	2	pcs		
7		USBBOARD	1	pcs		
8	00UG1030-6120	USBBOARD TO MIDFRAME SCREW	1	pcs		
9	F52G1801MNT321-A	POWERBOARD MYLAR	1	pcs	PC 0.43T L211.26mmxW198.4mm	
10	00UG1030-7120	MAINBOARD&POWER BOARD SCREW	7	pcs	D3*7	
11	0MUG3840-8120	GROUND SCREW	1	pcs	M4*8	
12	F16G0002129	SPONGE	1	pcs	导电泡棉	
13	00UG6027-2	KEYBOARD SCREW	2	pcs	Q2*3.4	
14		KEYBOARD	1	pcs		
15	F33G0095ADM-1L0100	NAVKEY	1	pcs	料 2ABS	
16		POWERBOARD	1	PCS		
17		MAINBOARD	1	PCS		
18	F52G1801MNT343	POWERBOARD TO MAINBOARD MYLAR	1	pcs	PC 0.43T L56.32mmxW20.43mmH28.93mm	
19		SPONGE	1	pcs	导电泡棉	
20	F15GL178301101	MIDFRAME	1	PCS	T=0.5,SGCC	
21	00UG1030-7120	MIDFRAME JO SCREW	3	PCS	D3*7	
22	F52G1801MNT330-A	MIDFRAME MYLAR	1	PCS	PC 0.2T L132mmxW36mmH28.4mm	
23	0MUG303025-47-CR3	MIDFRAME TO PANEL SCREW	2	PCS	M3*2.5	
24	F34G4321ADM1S0100	REARCOVER	1	PCS	T=1.8,料 2ABS	
25	F12G6302065--0F00	USB-C RUBBER	1	PCS		
26	Q12G71601240000B00	IP RUBBER	1	PCS		
27	0MUG2940-10-47-CR3	VESA SCREW	4	PCS	M4*10	
28	F37G8172011	VESA	1	PCS	Stand Ass'y Iiyama HB3201 HAS	
29	F37G8170011	STAND	1	PCS	Stand Ass'y Iiyama HB3201 HAS	
30	F37G8171021	BASE	1	PCS	Base Ass'y Iiyama HB3201 HAS	

Disassembly SOP

1. Suggest Tools

Here are some tools that can be used for the LCD monitor's service and repair.

Screwdriver RUBICON NO-101 NO.0#	
HEX header screwdriver Pro'sKit 5.0mm 9400-M5 Pro'skit	
Torx screwdriver T1.5x40 386	
Disassembly tool	

2. Disassembly Procedures

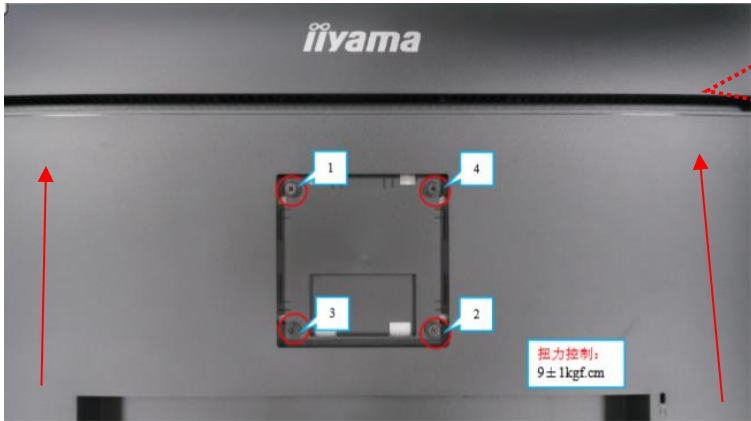
Step	Figure	Tool	Description
Preparation			Lay the monitor on a flat, soft and clean surface.

Remove the
Stand-base
Ass'y



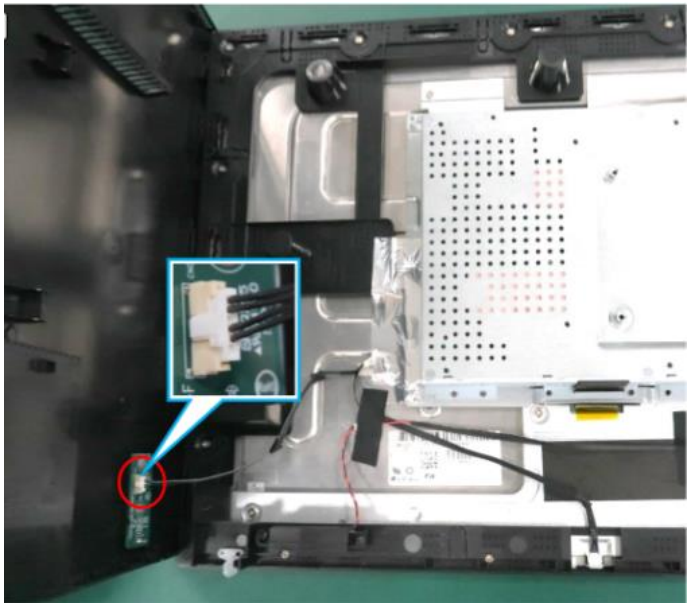
Press the button
then slide the stand-
base Ass'y.

Open the
REAR
COVER



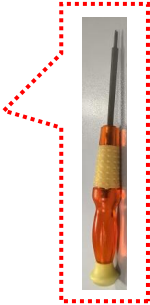
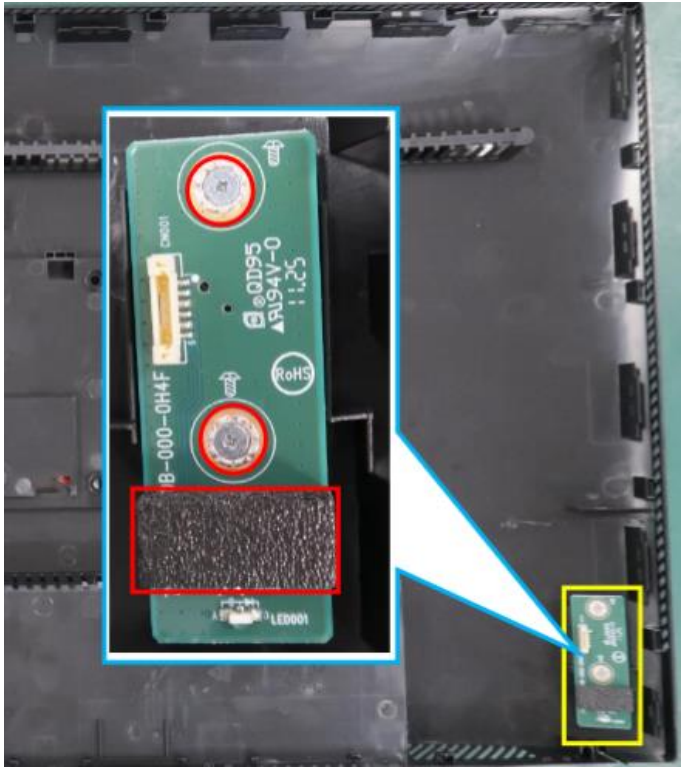
Remove the four
screws.
Insert the scraper
from the bottom
side to open the
rear cover.

Remove the
KEY
BOARD



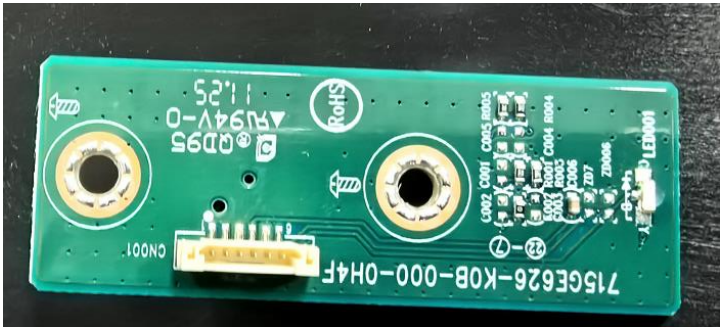
Remove the key
board cable from the
PIN.

Remove the
KEY
BOARD



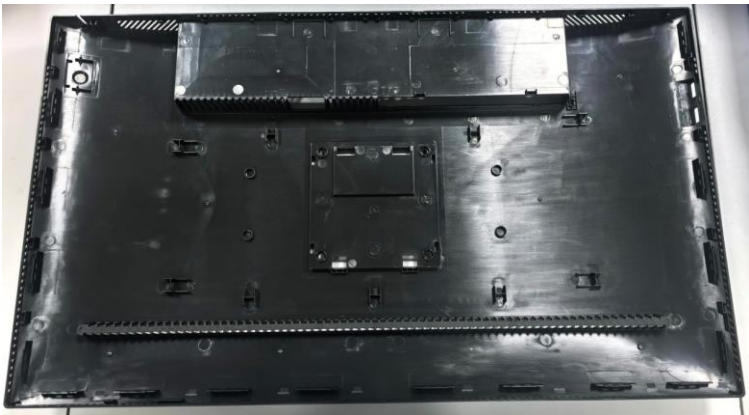
Remove the foam
and two screws on
the key board.

The KEY
BOARD



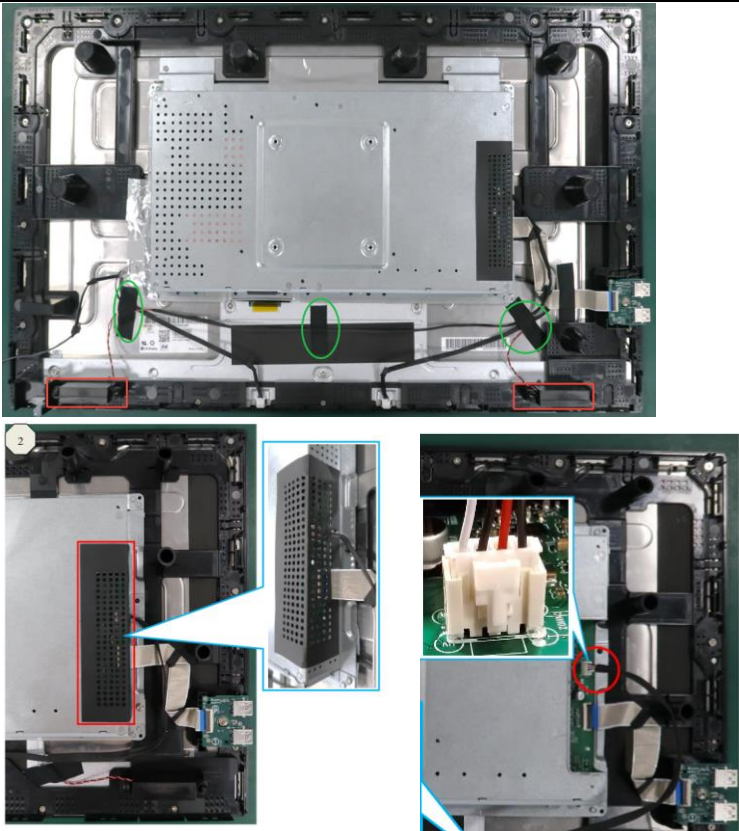
The key board.

The Rear
Cover



The rear cover.

Remove the
SPEAKER



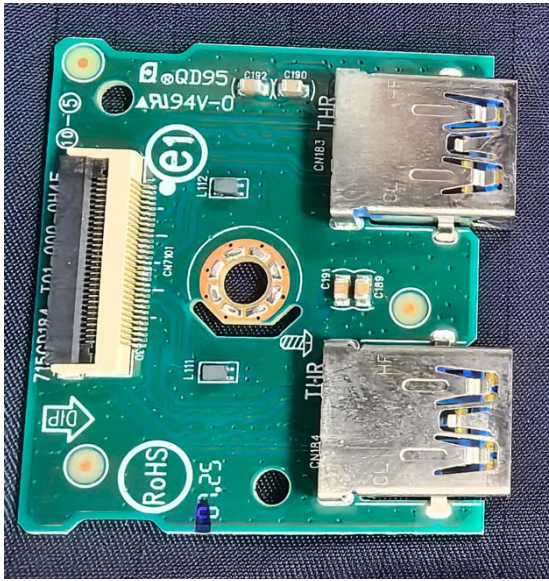
Remove the black
tape.
Remove the Mylar.
Disconnect the
cable.
Remove the
speaker.

Remove the
USB
BOARD



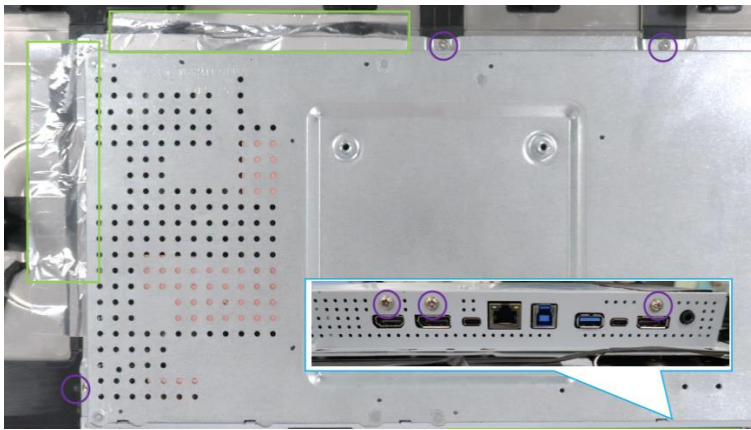
Disconnect the USB
cable.
Remove the screw.

The
USB
BOARD



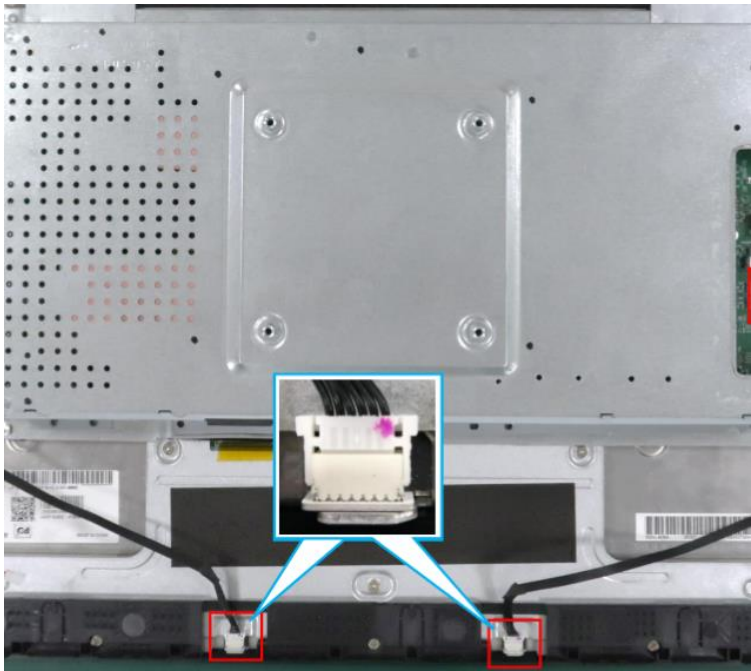
The usb board.

Remove
the MAIN
FRAME



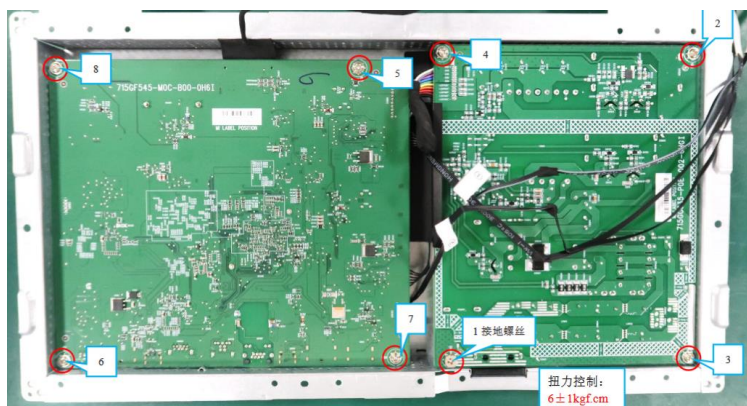
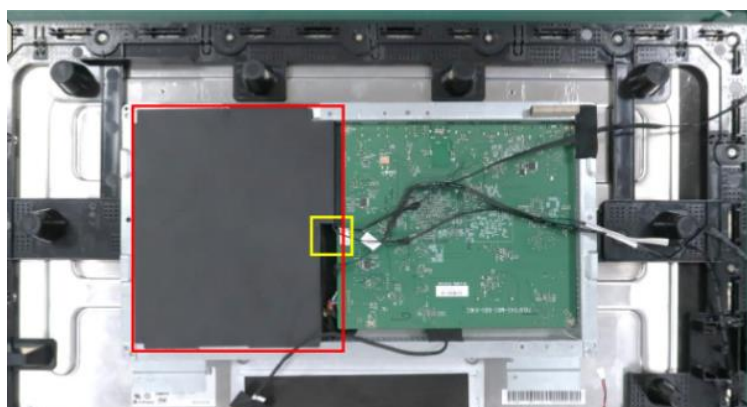
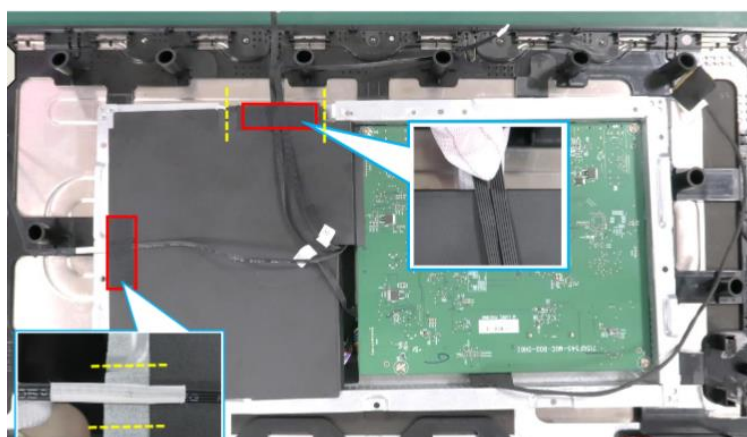
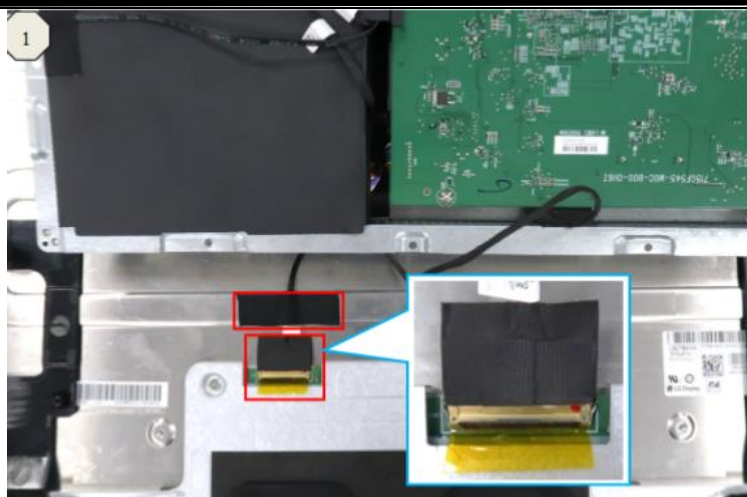
Remove the
aluminum foil.
Remove the screws.

Remove
the BOARD



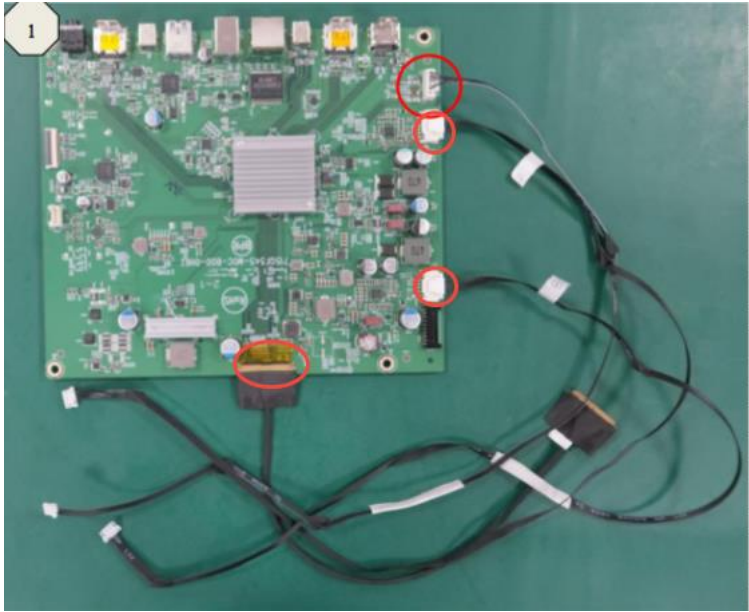
Disconnect the
cable.

Remove
the BOARD



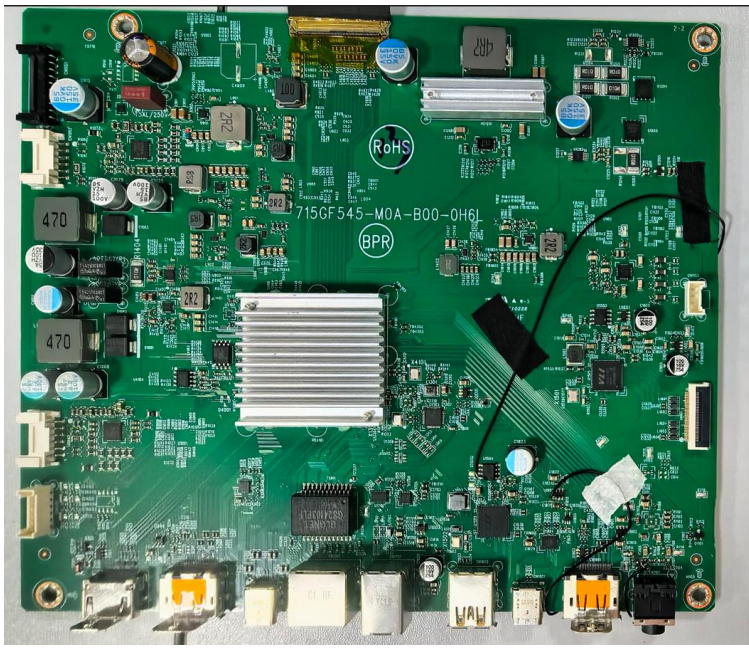
- Turn over the mainframe .
- Remove the black tape then disconnect the EDP cable.
- Remove the mylar.
- Remove the 8pcs screws on the board.

Remove
the BOARD



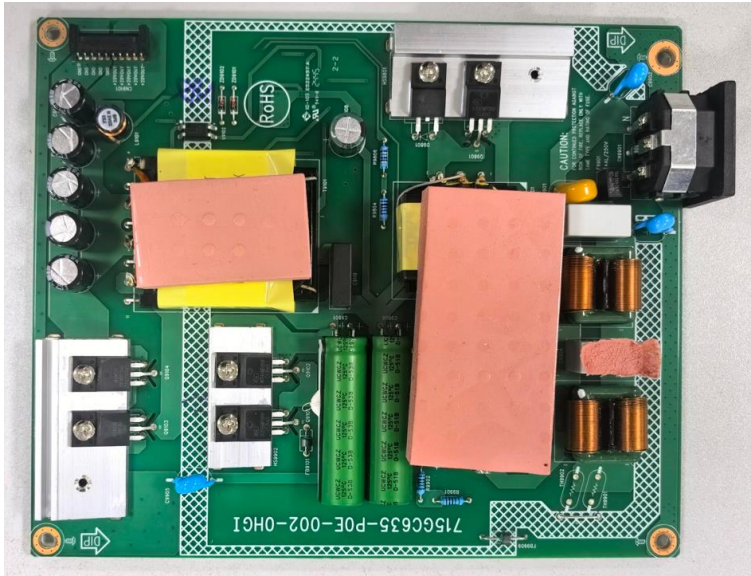
Disconnect the cable
on the power board
to main board.
Disconnect the cable
on the main board.

THE MAIN
BOARD



The main board.

The POWER BOARD



The power board.

Remove the Middle Frame



Remove the 11 pcs screws on the middle frame .

The PANEL



The panel.