

Service Manual

LCD TV



Model No. **TH-L32C5Z**
TH-L32C5S
TH-L24X5A
TH-L24X5Z
TH-L42U5Z
TH-L42U5S

WARNING

This service 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 service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE


There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

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1 Safety Precautions

1.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.
4. When conducting repairs and servicing, do not attempt to modify the equipment, its parts or its materials.
5. When wiring units (with cables, flexible cables or lead wires) are supplied as repair parts and only one wire or some of the wires have been broken or disconnected, do not attempt to repair or re-wire the units. Replace the entire wiring unit instead.
6. When conducting repairs and servicing, do not twist the Faston connectors but plug them straight in or unplug them straight out.

1.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be 100 Mohm and over. When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

1.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kohm, 10 watts resistor, in parallel with a 0.15 μ F capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

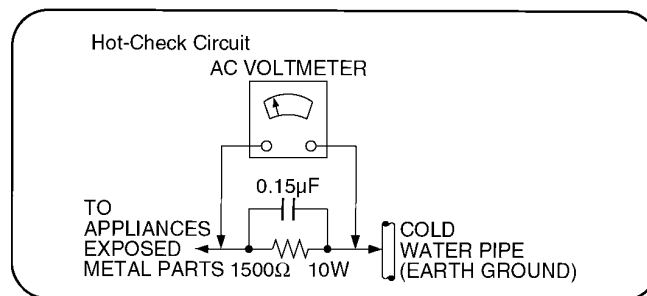


Figure 1

2 Warning

2.1. Prevention of Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor [chip] components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as [anti-static (ESD protected)] can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise ham less motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

2.2. About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

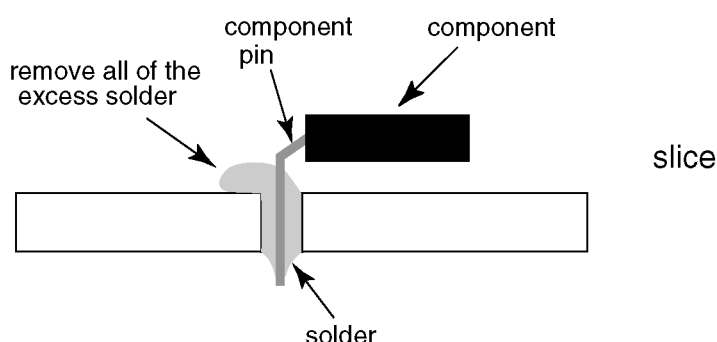
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol **PbF** stamped on the back of PCB.

Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).
If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



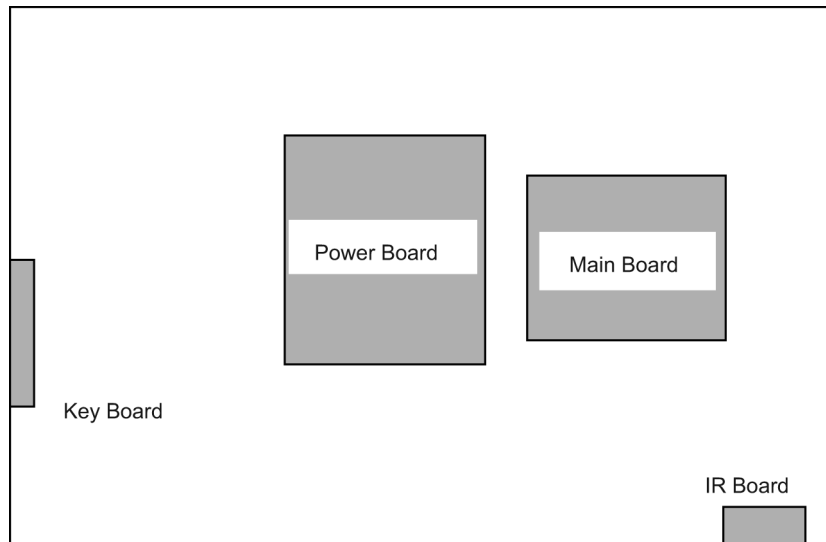
Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

0.3mm X 100g	0.6mm X 100g	1.0mm X 100g

3 Service Navigation

3.1. Service Hint



Board Name	Function	Remarks
Main Board	Speaker out, AV Terminal, HDMI in, SD Card, PC in, Digital Signal Processor, Nile-Tcon, Tuner	All boards are non serviceable and should be exchanged for service
IR Board	REMOTE RECEIVER, LED	
Power Board	Power (AC/DC), DC-DC	
Key Board	Control Button, Power switch	

3.2. Applicable signals

COMPONENT (Y, P_B, P_R), HDMI

COMPONENT (Y, PB, PR), HDMI		
Signal name	COMPONENT	HDMI
525 (480) / 60i, 60p	<input type="radio"/>	<input type="radio"/>
625 (576) / 50i, 50p	<input type="radio"/>	<input type="radio"/>
750 (720) / 60p, 50p	<input type="radio"/>	<input type="radio"/>
1,125 (1,080) / 60i, 50i	<input type="radio"/>	<input type="radio"/>
1,125 (1,080) / 60p, 50p, 24p	<input type="radio"/>	<input type="radio"/>

☐ Mark: Applicable input signal

PC (from D-sub terminal/ HDMI terminal)

Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)
640 × 400 @70 Hz	31.47	70.08
640 × 480 @60 Hz	31.47	59.94
640 × 480 @75 Hz	37.50	75.00
800 × 600 @60 Hz	37.88	60.32
800 × 600 @75 Hz	46.88	75.00
800 × 600 @85 Hz	53.67	85.08
1,024 × 768 @60 Hz	48.36	60.00
1,024 × 768 @70 Hz	56.48	70.07
1,024 × 768 @75 Hz	60.02	75.03
1,024 × 768 @85 Hz	68.68	85.00
1,280 × 768 @60 Hz	47.78	59.87
1,280 × 1,024 @60 Hz	63.98	60.02
1,366 × 768 @60 Hz	48.39	60.04
Macintosh13" (640 × 480)	35.00	66.67
Macintosh16" (832 × 624)	49.73	74.55
Macintosh21" (1,152 × 870)	68.68	75.06

Applicable input signal for PC is basically compatible to VESA standard timing

Applicable input signal for PC is basically compatible to HDMI standard timing

Note:

- Signals other than above may not be displayed properly.
- The above signals are reformatted for optimal viewing on your display.
- PC signal is magnified or compressed for display, so that it may not be possible to show fine detail with sufficient clarity.

4 Specifications

TH-L32C5S

Power Source		AC 220-240 V, 50Hz
Rated Power Consumption		105 W
Standby Power Consumption		0.5 W
Dimensions (W × H × D)		With Pedestal: 778.5 mm × 546.7 mm × 230 mm Without Pedestal (TV only): 778.5 mm × 494.2 mm × 127.4 mm
Mass		With Pedestal: 10.3 kg Without Pedestal (TV only): 9.2 kg
Display panel	Aspect Ratio	16:9
	Visible screen size	697.7 mm (H) × 392.3 mm (V) 31.5 inches (diagonal)
Sound	Number of pixels	1,049,088 (1,366 (W) × 768 (H))
	Speaker	(132 mm × 34.5 mm × 34 mm) × 2, 16 Ω
	Audio Output	10 W (5 W + 5 W), 10% THD
	Headphones	3.5mm stereo mini Jack × 1
Receiving System		DVB-T / PAL
Aerial input		VHF / UHF
Operating Conditions		Temperature :0 °C - 35 °C Humidity :10 % - 90 % RH (non-condensing)

TH-L32C5Z

Power Source		AC 220-240 V, 50Hz
Rated Power Consumption		105 W
Standby Power Consumption		0.5 W
Dimensions (W × H × D)		With Pedestal: 778.5 mm × 546.7 mm × 230 mm Without Pedestal (TV only): 778.5 mm × 494.2 mm × 127.4 mm
Mass		With Pedestal: 10.3 kg Without Pedestal (TV only): 9.2 kg
Display panel	Aspect Ratio	16:9
	Visible screen size	697.7 mm (H) × 392.3 mm (V) 31.5 inches (diagonal)
Sound	Number of pixels	1,049,088 (1,366 (W) × 768 (H))
	Speaker	(100 mm × 27 mm × 27 mm) × 2, 16 Ω
	Audio Output	10 W (5 W + 5 W), 10% THD
	Headphones	3.5mm stereo mini Jack × 1
Receiving System		DVB-T / PAL
Aerial input		VHF / UHF
Operating Conditions		Temperature :0 °C - 35 °C Humidity :10 % - 90 % RH (non-condensing)

TH-L42U5S

Power Source		AC 220-240 V, 50Hz
Rated Power Consumption		181 W
Standby Power Consumption		0.5 W
Dimensions (W × H × D)		With Pedestal: 1011.4 mm × 676.5 mm × 270 mm Without Pedestal (TV only): 1011.4 mm × 625 mm × 122.3 mm
Mass		With Pedestal: 15.1 kg Without Pedestal (TV only): 13.3 kg
Display panel	Aspect Ratio	16:9
	Visible screen size	930.2 mm (H) × 523.3 mm (V) 42 inches (diagonal)
Sound	Number of pixels	2,073,600 (1,920 (W) × 1,080 (H))
	Speaker	(132 mm × 34.5 mm × 34 mm) × 2, 16 Ω
	Audio Output	16 W (8 W + 8 W), 10% THD
	Headphones	3.5mm stereo mini Jack × 1
Receiving System		DVB-T / PAL
Aerial input		VHF / UHF
Operating Conditions		Temperature :0 °C - 35 °C Humidity :10 % - 90 % RH (non-condensing)

TH-L42U5Z

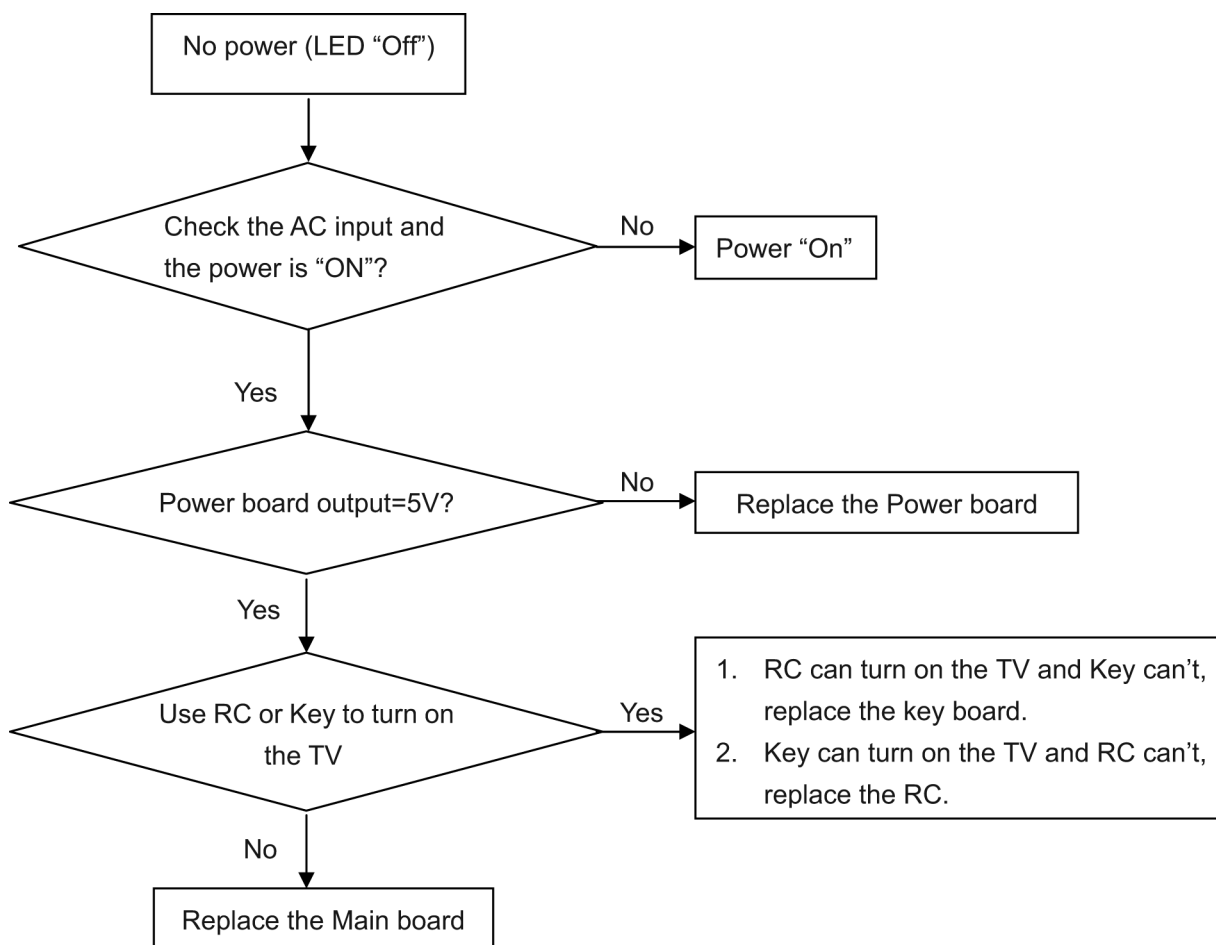
Power Source		AC 220-240 V, 50Hz
Rated Power Consumption		181 W
Standby Power Consumption		0.5 W
Dimensions (W × H × D)		With Pedestal: 1011.4 mm × 676.5 mm × 270 mm Without Pedestal (TV only): 1011.4 mm × 625 mm × 122.3 mm
Mass		With Pedestal: 15.1 kg Without Pedestal (TV only): 13.3 kg
Display panel	Aspect Ratio	16:9
	Visible screen size	930.24 mm (H) × 523.3 mm (V) 42 inches (diagonal)
Sound	Number of pixels	2,073,600 (1,920 (W) × 1,080 (H))
	Speaker	(100 mm × 27 mm × 27 mm) × 2, 16 Ω
	Audio Output	16 W (8 W + 8 W), 10% THD
	Headphones	3.5mm stereo mini Jack × 1
Receiving System		DVB-T / PAL
Aerial input		VHF / UHF
Operating Conditions		Temperature :0 °C - 35 °C Humidity :10 % - 90 % RH (non-condensing)

TH-L24X5A / TH-L24X5Z

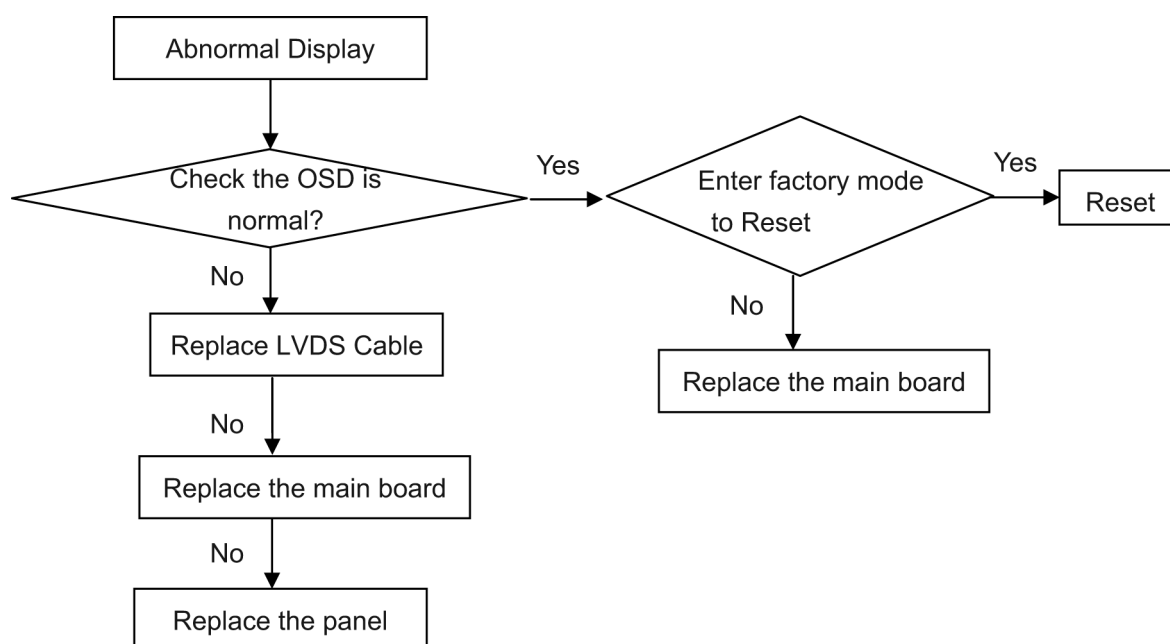
Power Source		AC 220-240 V, 50Hz
Rated Power Consumption		40 W
Standby Power Consumption		0.5 W
Dimensions (W × H × D)		With Pedestal: 566.8 mm × 405.7 mm × 170 mm Without Pedestal (TV only): 566.8 mm × 366.7 mm × 45.2 mm
Mass		With Pedestal: 4.2 kg Without Pedestal (TV only): 4.0 kg
Display panel	Aspect Ratio	16:9
	Visible screen size	521.3 mm (H) × 293.2 mm (V) 23.5 inches (diagonal)
Sound	Number of pixels	2,073,600 (1,920 (W) × 1,080 (H))
	Speaker	(100 mm × 27 mm × 27 mm) × 2, 16 Ω
	Audio Output	6 W (3 W + 3 W), 10% THD
	Headphones	3.5mm stereo mini Jack × 1
Receiving System		PAL B/G Digital TV
Aerial input		VHF / UHF
Operating Conditions		Temperature :0 °C - 35 °C Humidity :10 % - 90 % RH (non-condensing)

5 Troubleshooting Guide

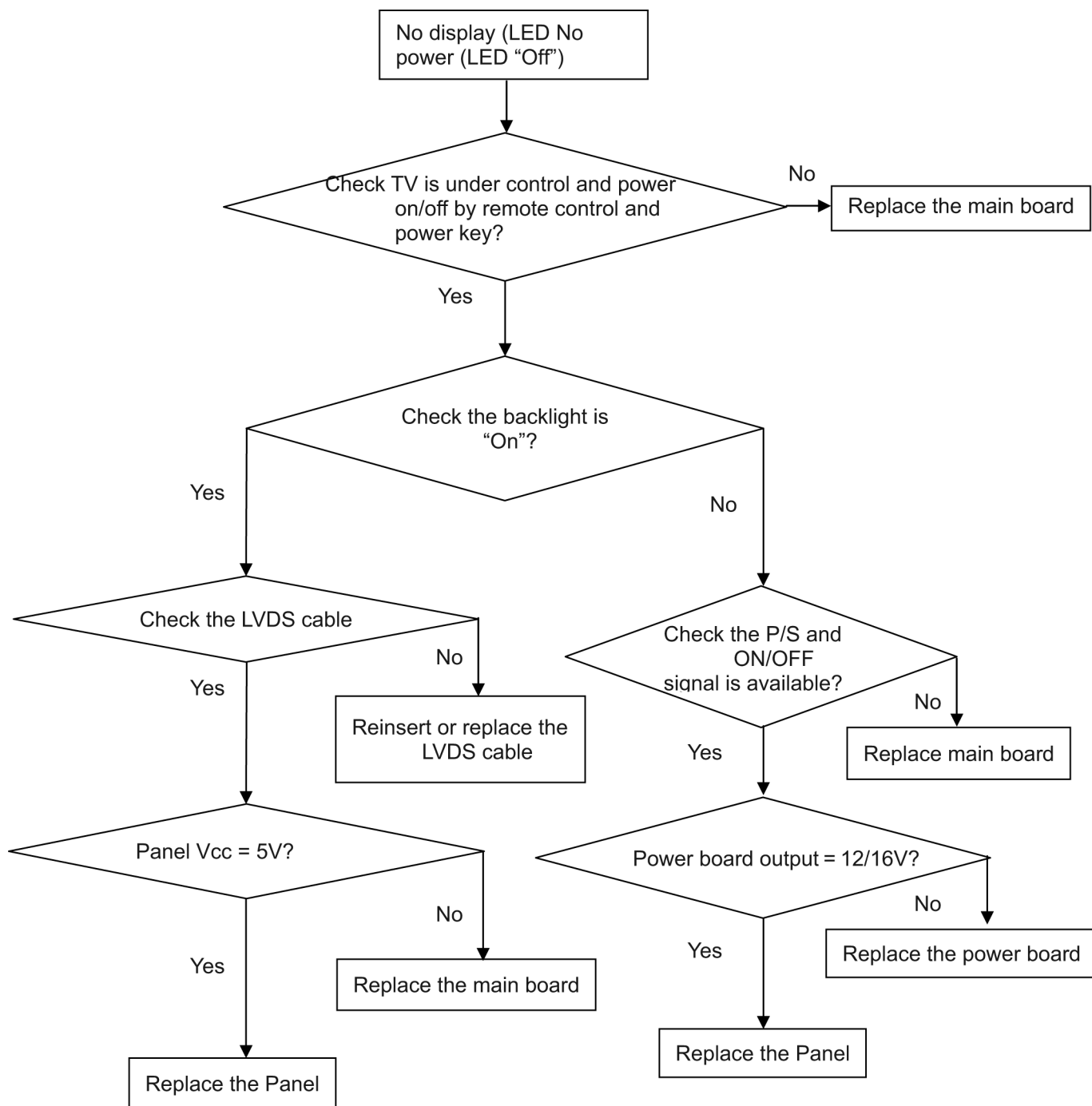
5.1. No Power



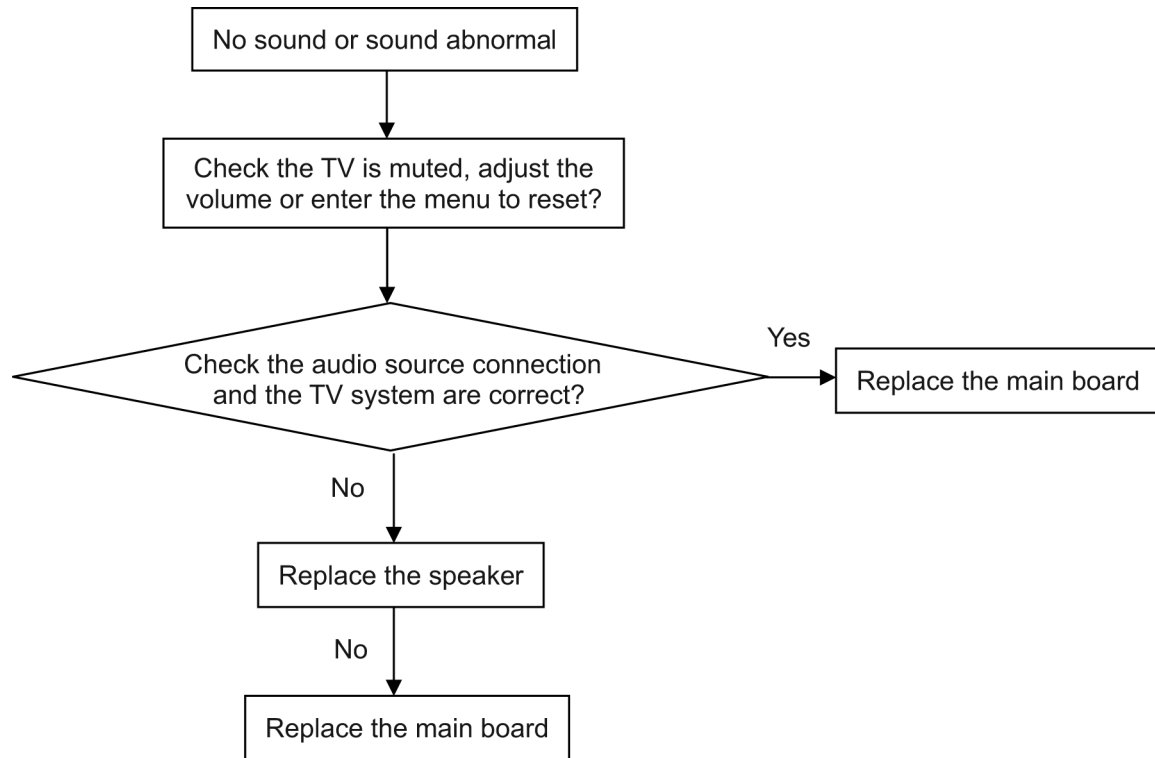
5.2. Abnormal Display



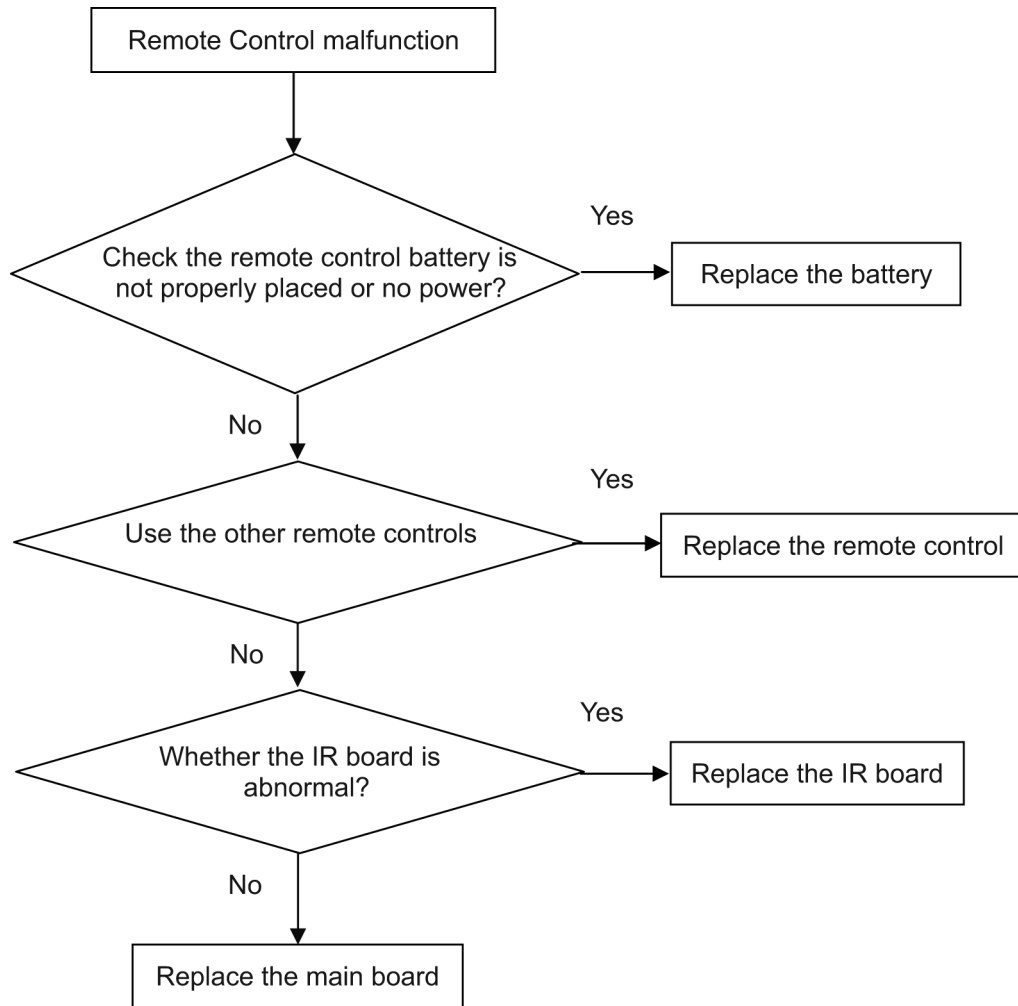
5.3. No Display



5.4. Sound Problem



5.5. Remote Control Malfunction



6 Disassembly and Assembly Instructions

TH-L24X5A&TH-L24X5Z



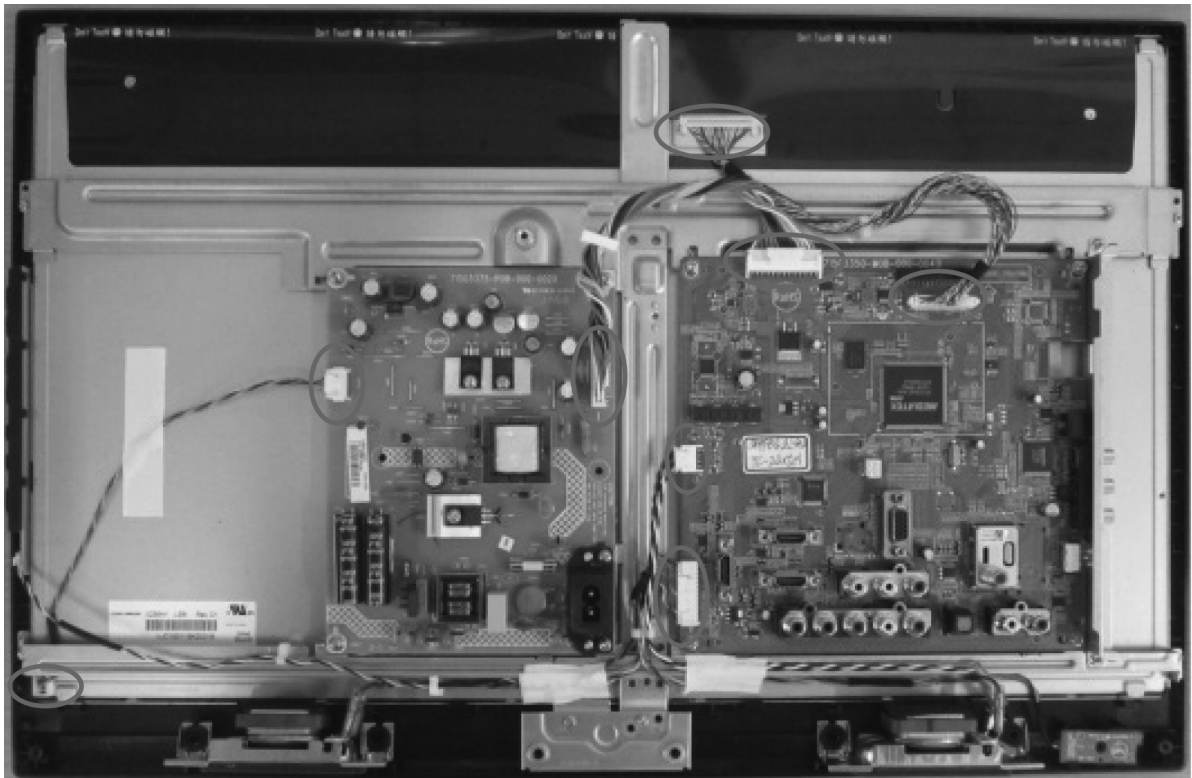
1. Remove the screws to remove the stand.



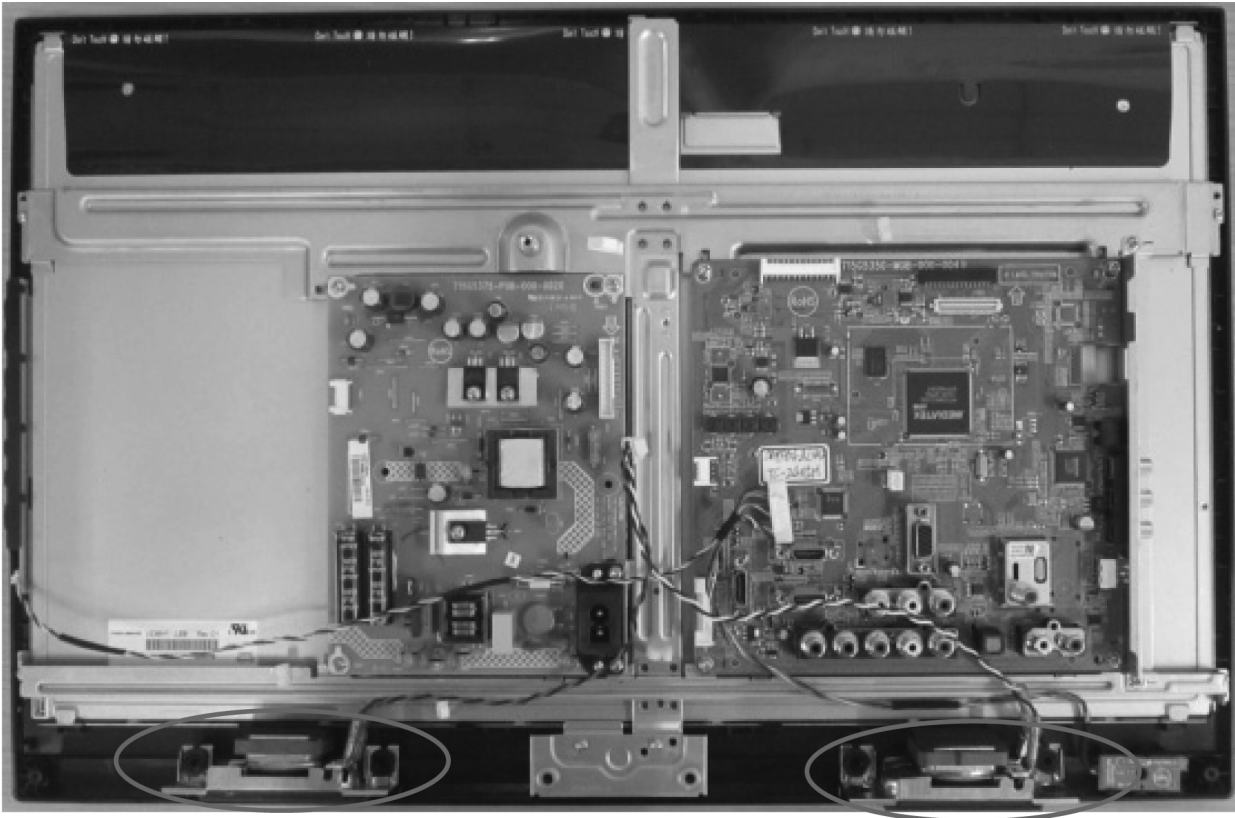
2. Remove the screws to remove the rear cover.

Rear cover is jointed with front cabinet by several hooks at top and both side.

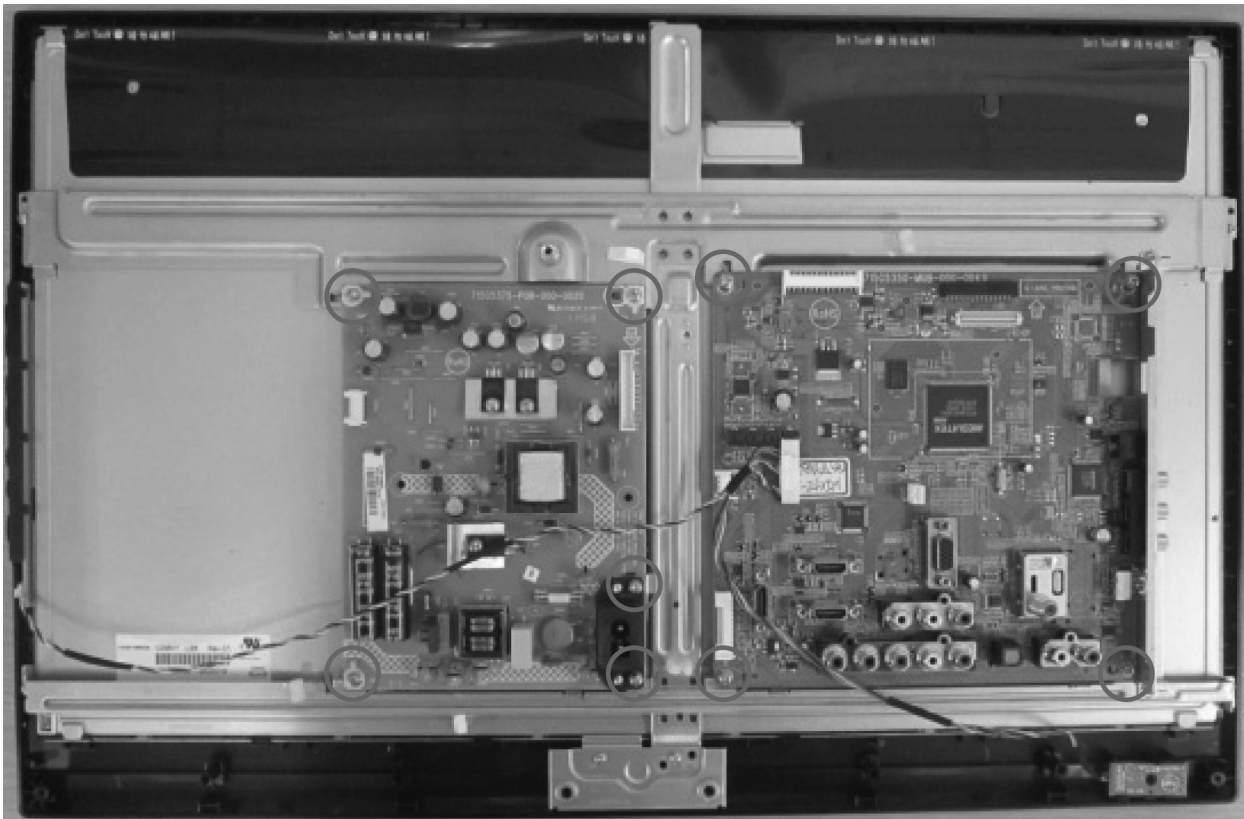
After remove the screws, take rear cover at bottom side and pull up it forcibly just like tearing rear cover from front cabinet.

**3. Unplug these connectors and cable clip on the main board and power board.**

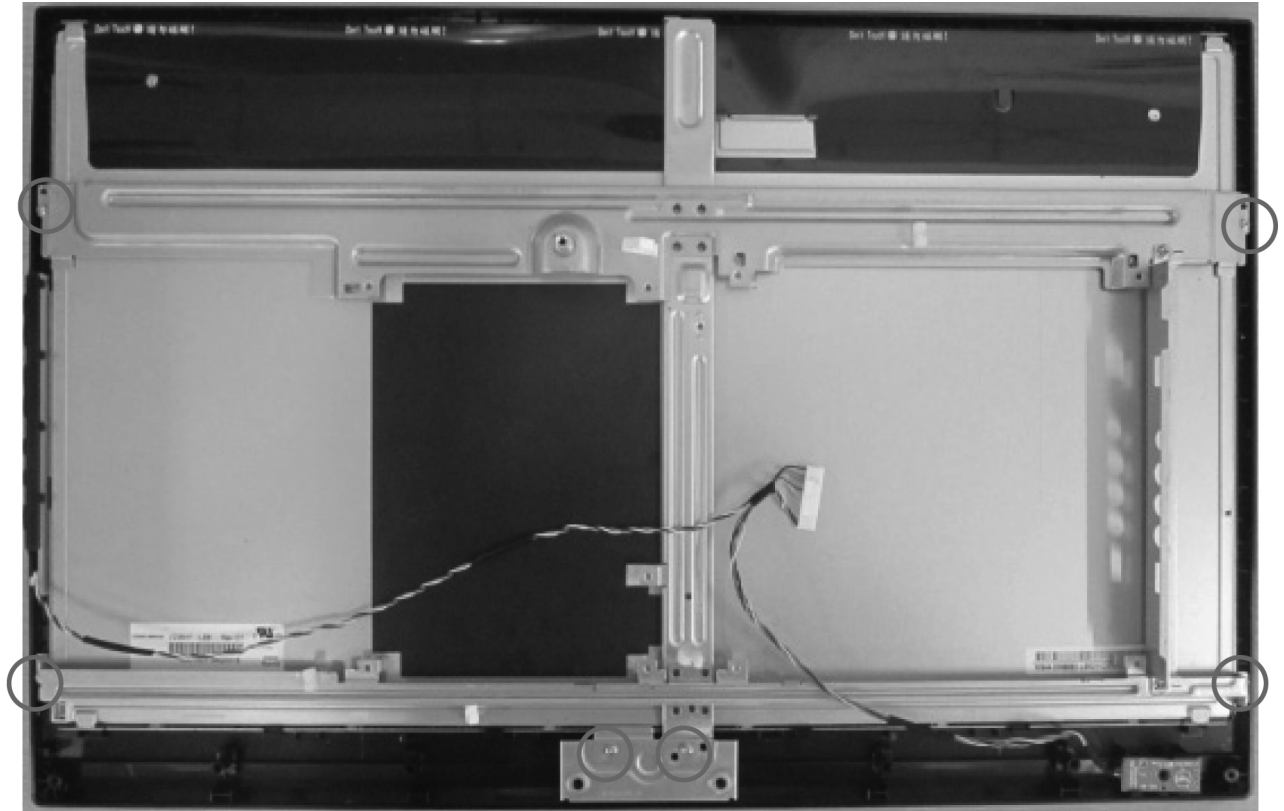
4. Remove the Speakers.



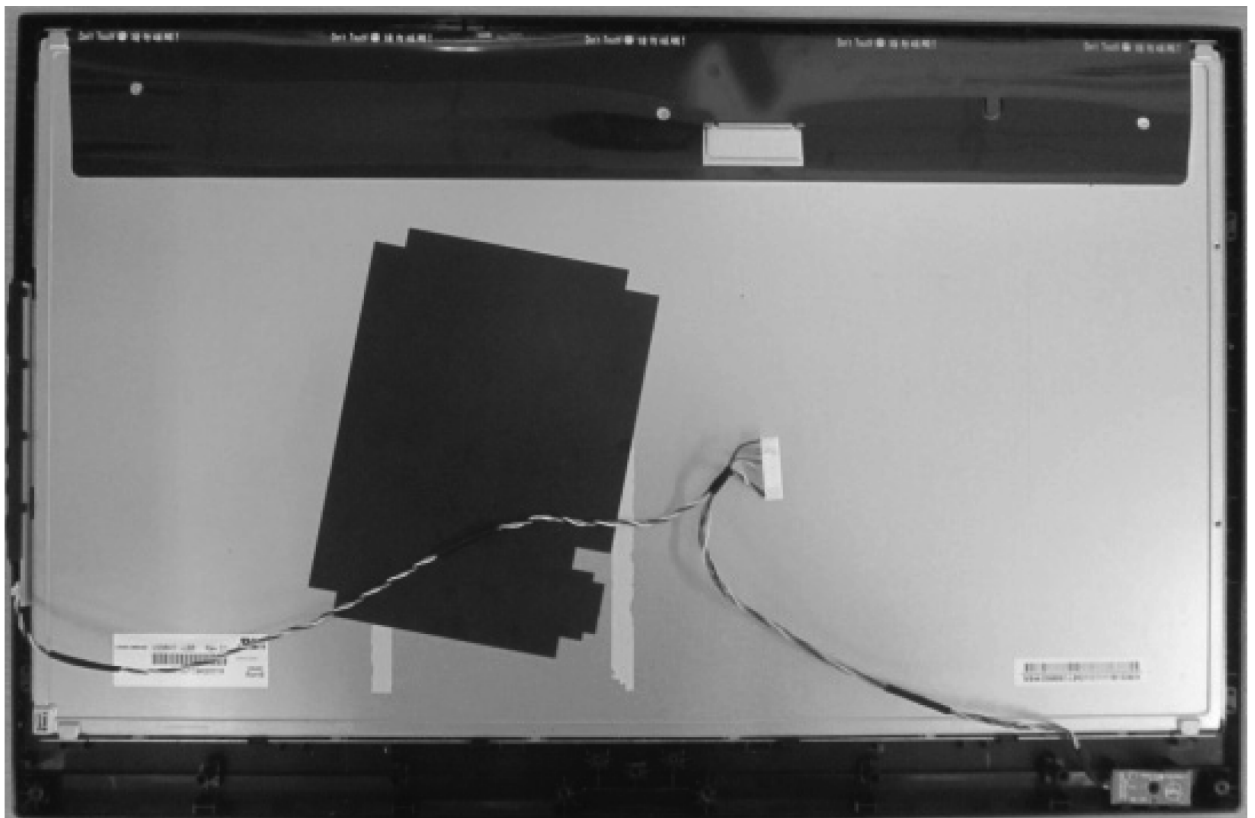
5. Remove the screws to remove the Main Board and Power Board.



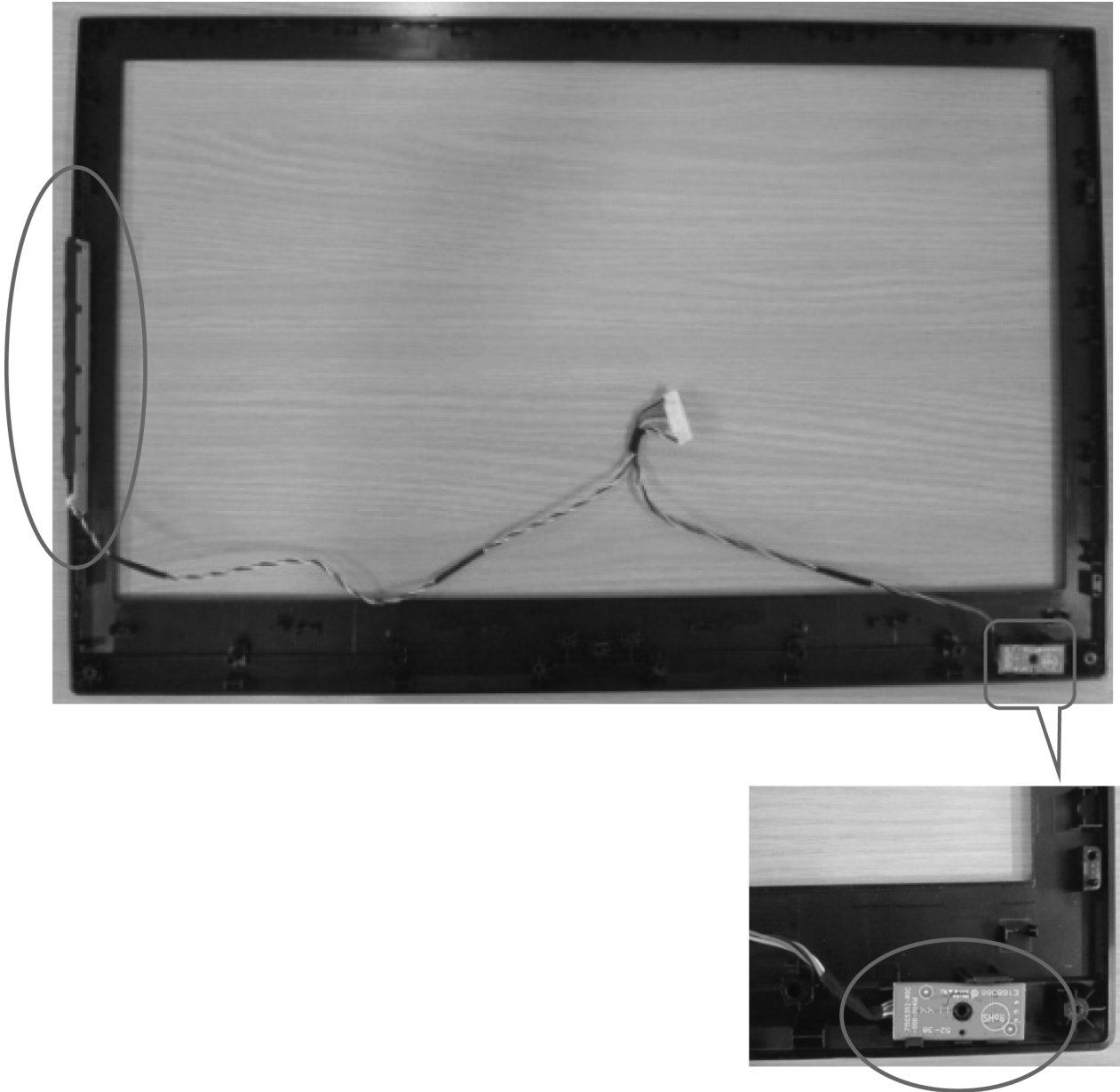
6. Remove the screws to remove the BKT.



7. Remove the panel.



8. Remove the Key board and IR board.



TH-L32C5Z&TH-L32C5S



1. Remove the screws to remove the stand.



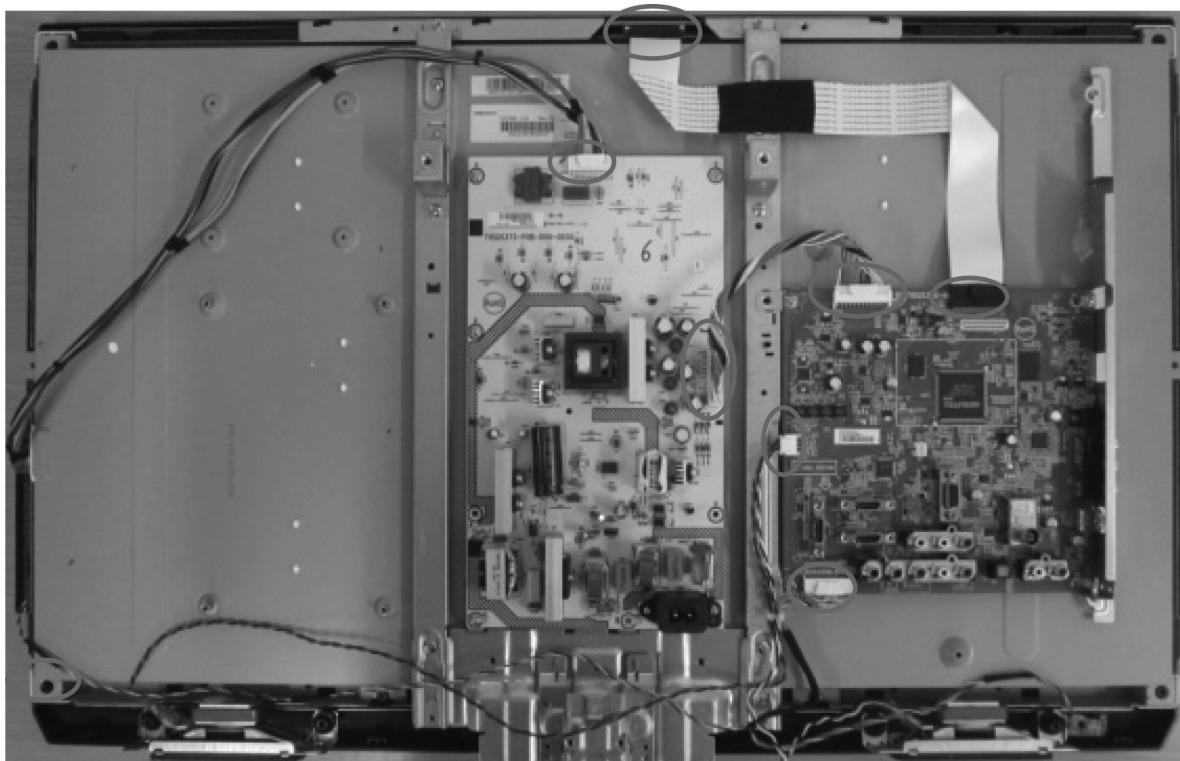
2. Remove the screws to remove the rear cover.

Rear cover is jointed with front cabinet by several hooks at top and both side.

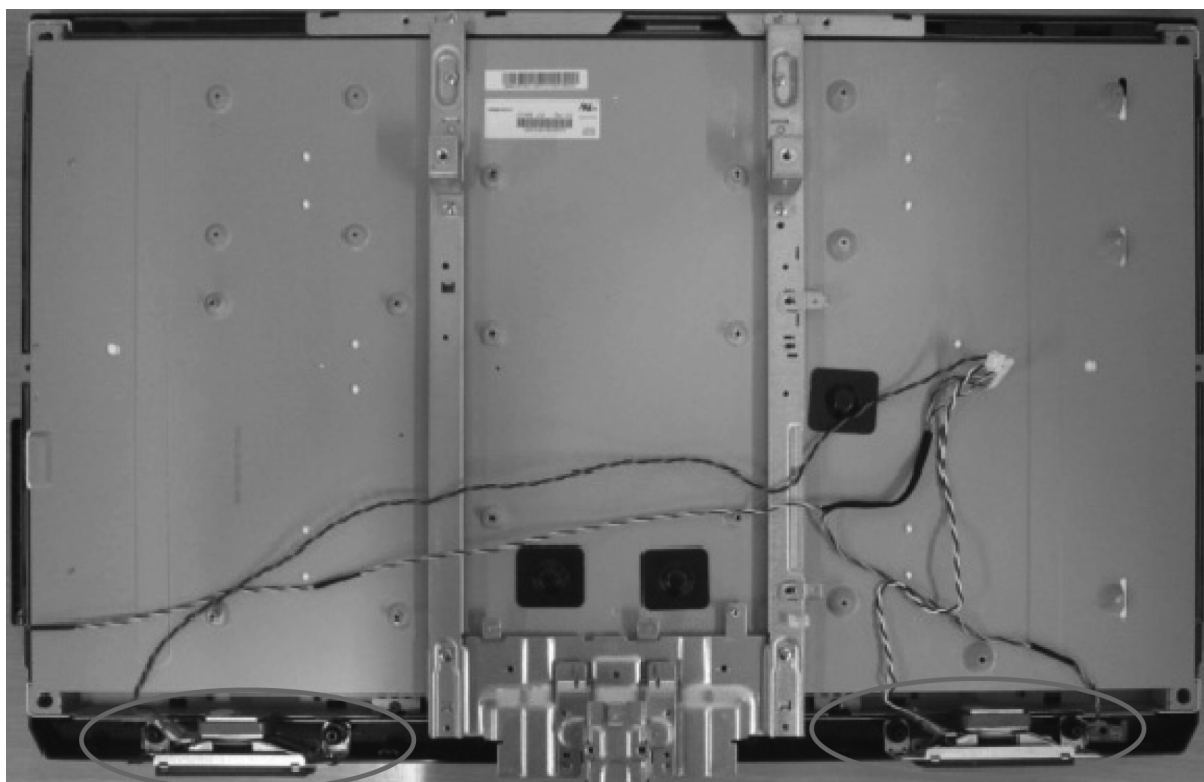
After remove the screws, take rear cover at bottom side and pull up it forcibly just like tearing rear cover from front cabinet.



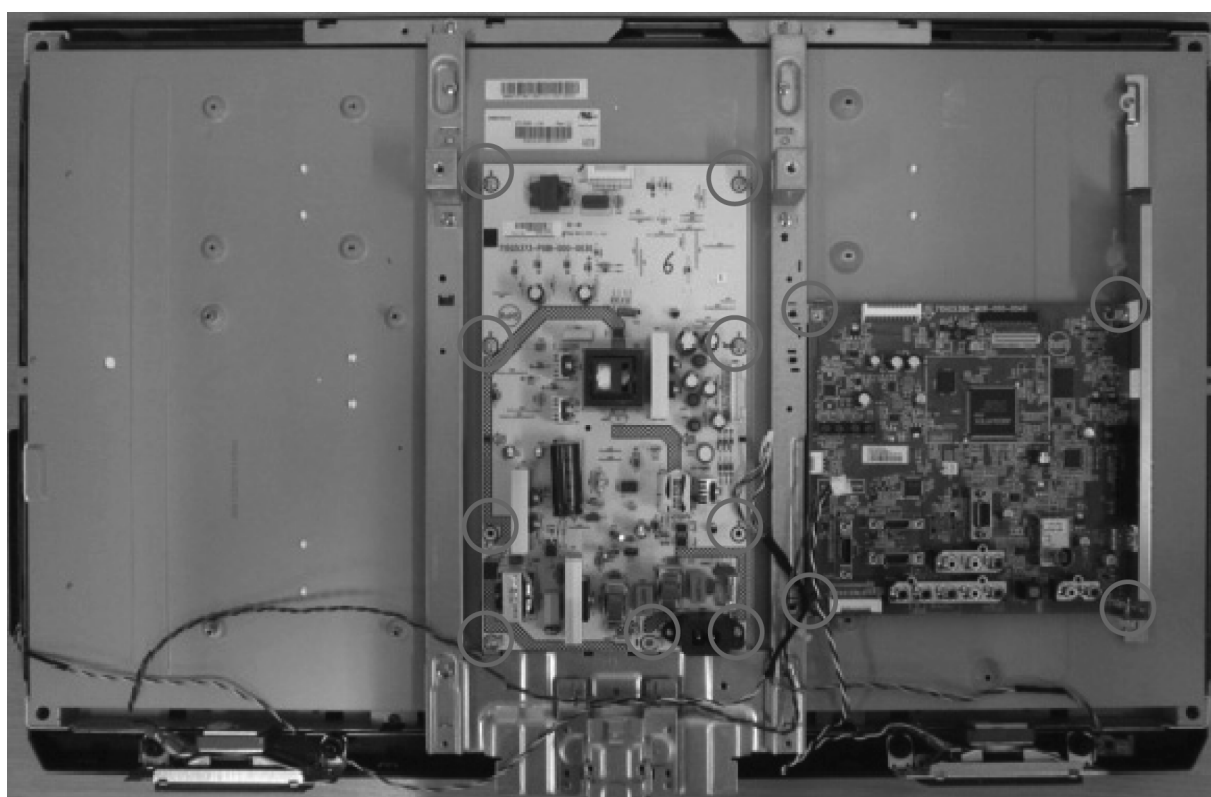
3. Unplug these connectors and cable clip on the main board and power board.



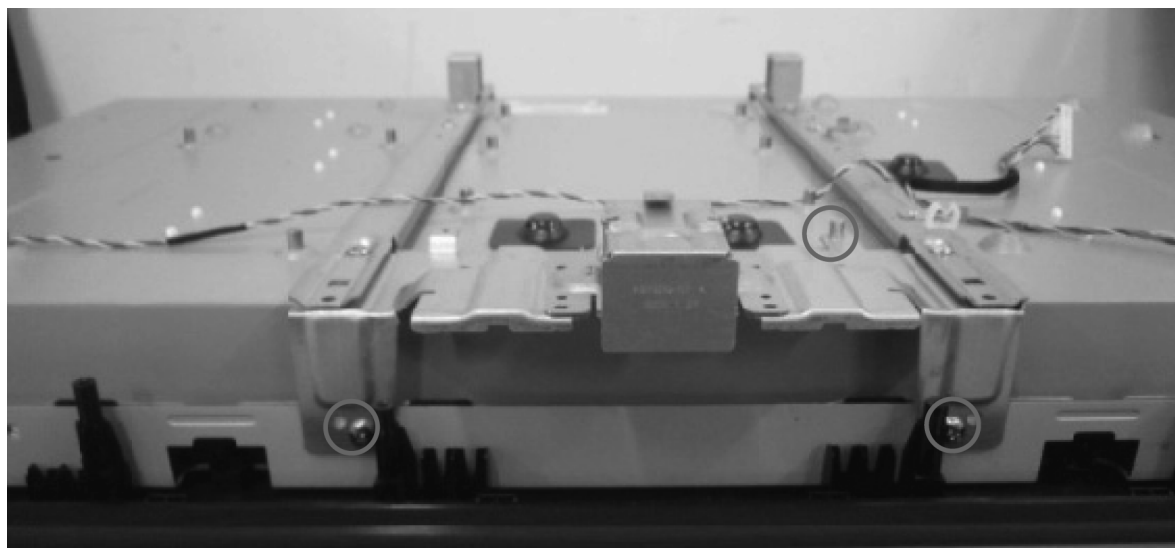
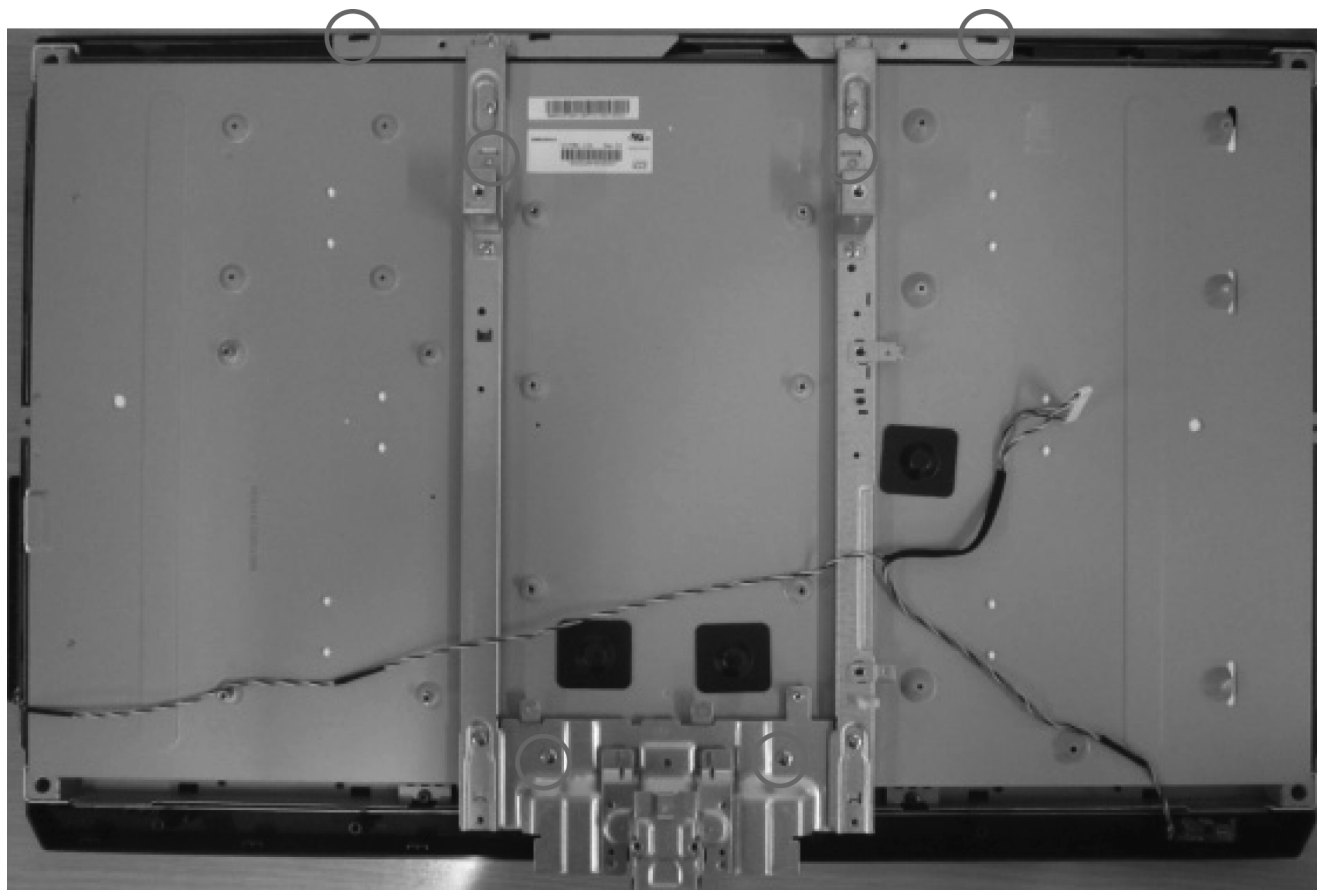
4. Remove the Speakers.



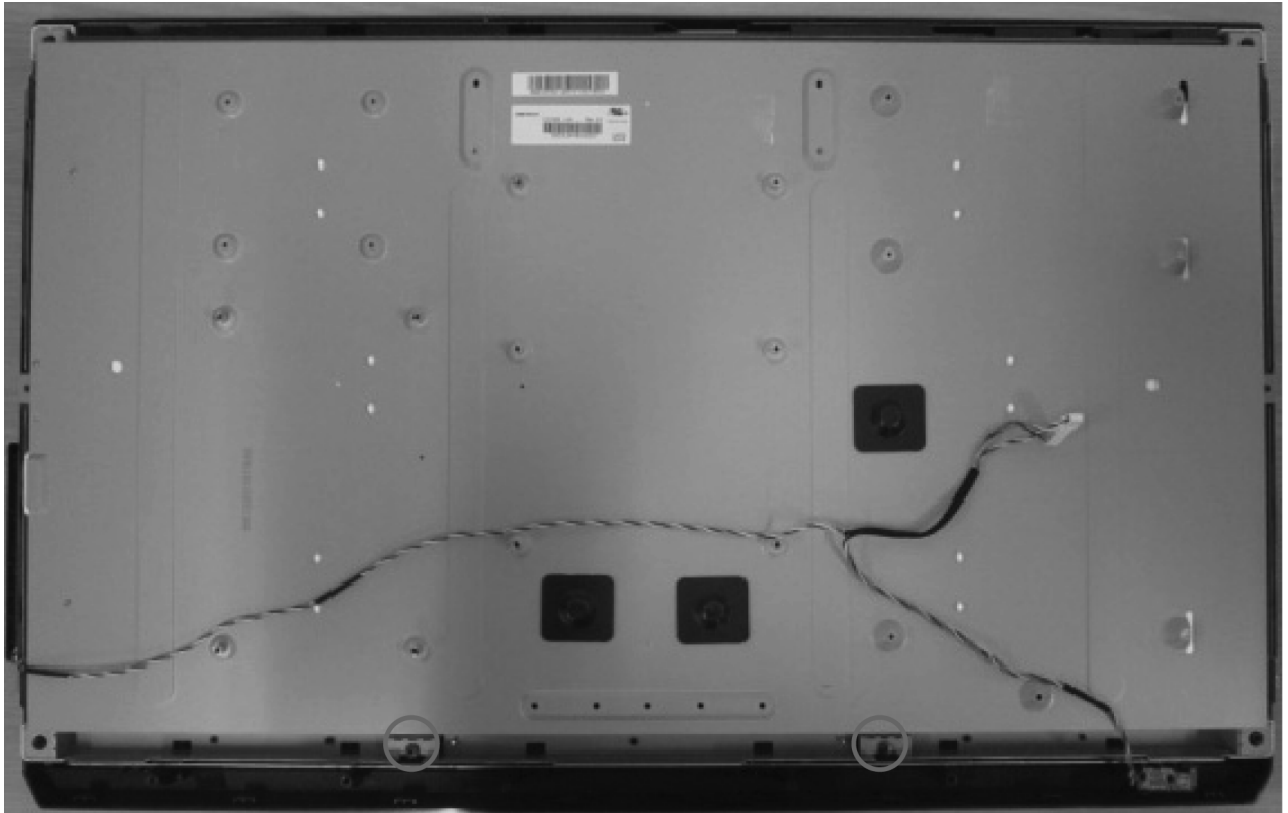
5. Remove the screws to remove the Main Board and Power Board.



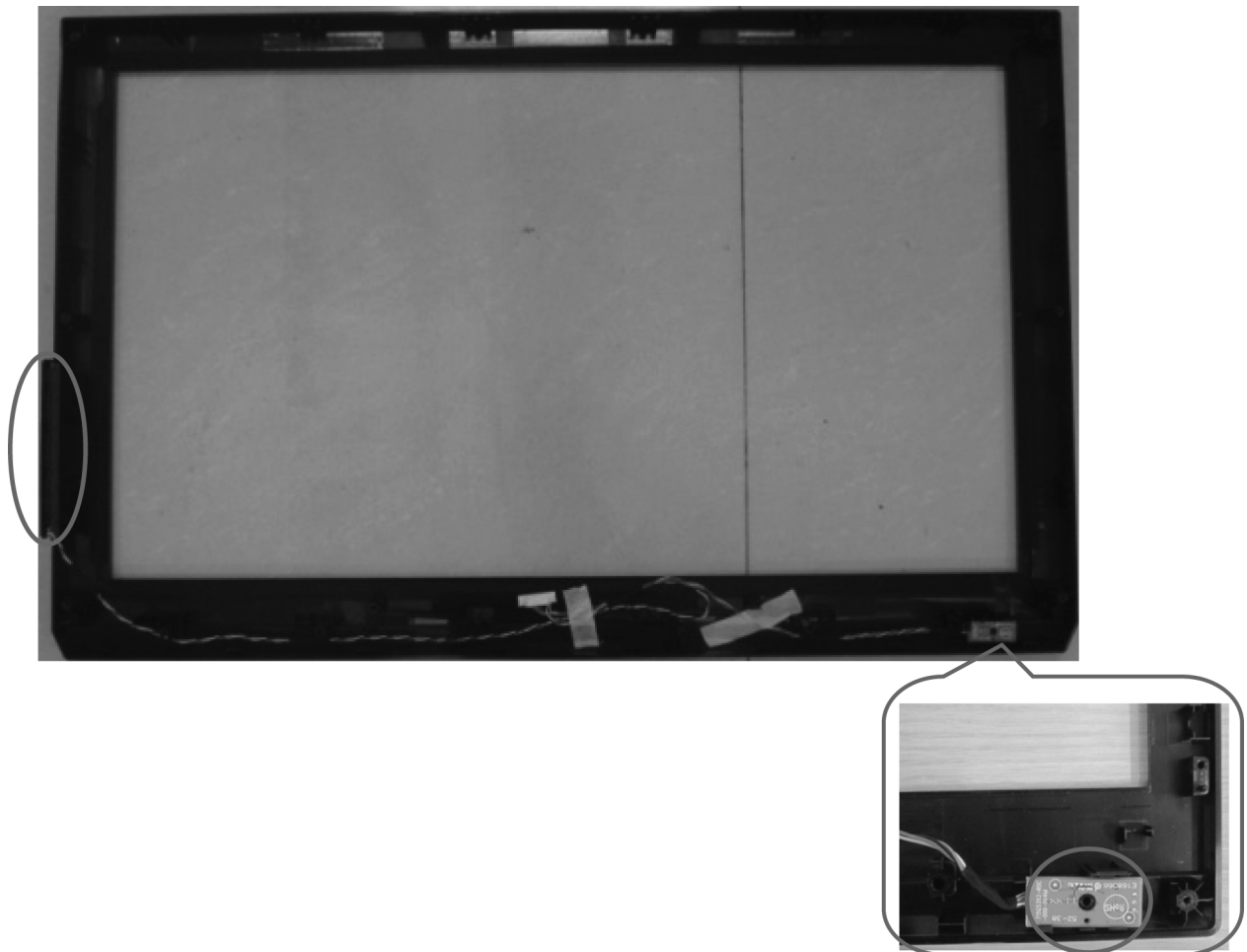
6. Remove the screws to remove the BKT.



7. Remove the panel.



8. Remove the Key board and IR board.



TH-L42U5Z & TH-L42U5S



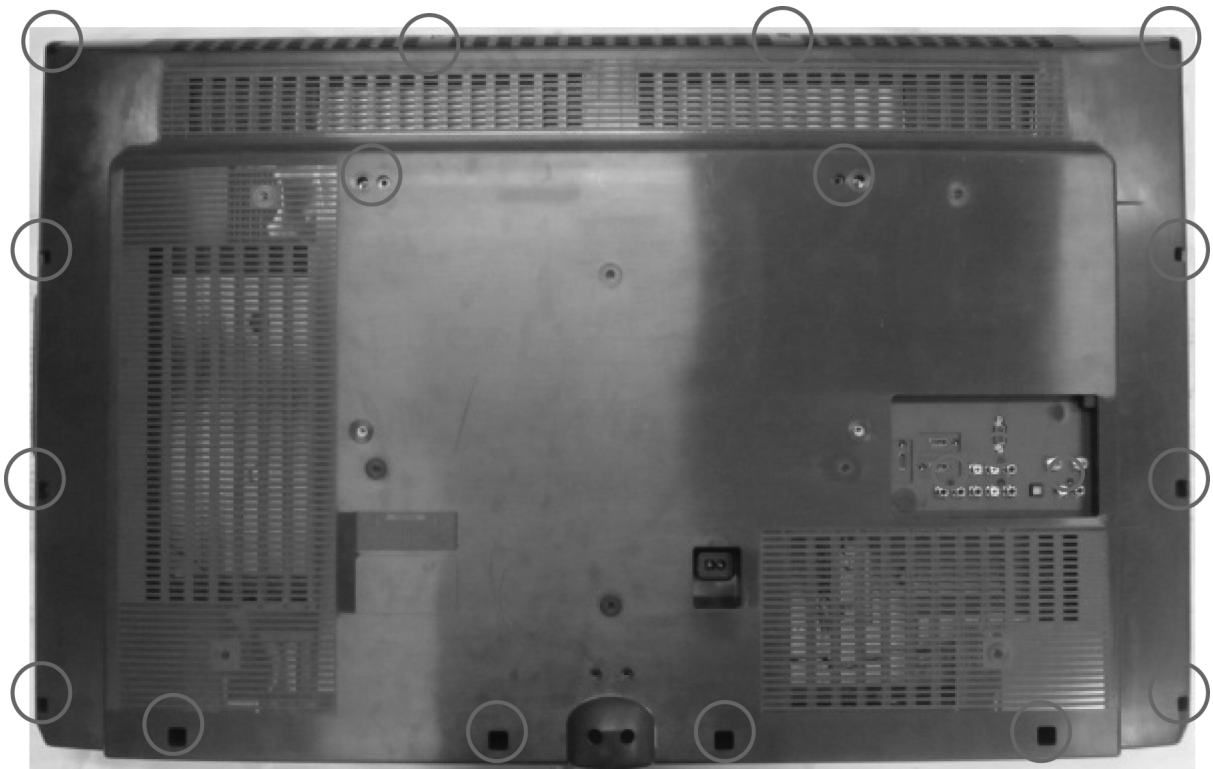
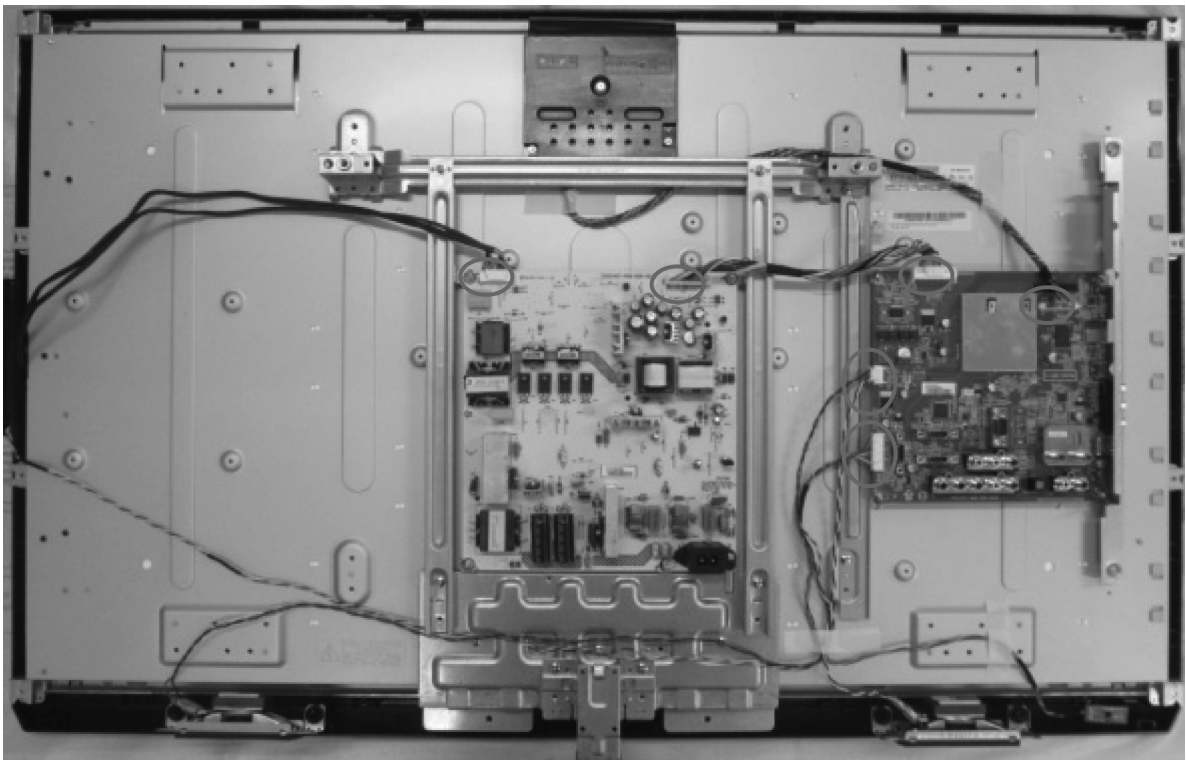
1. Remove the screws to remove the stand.



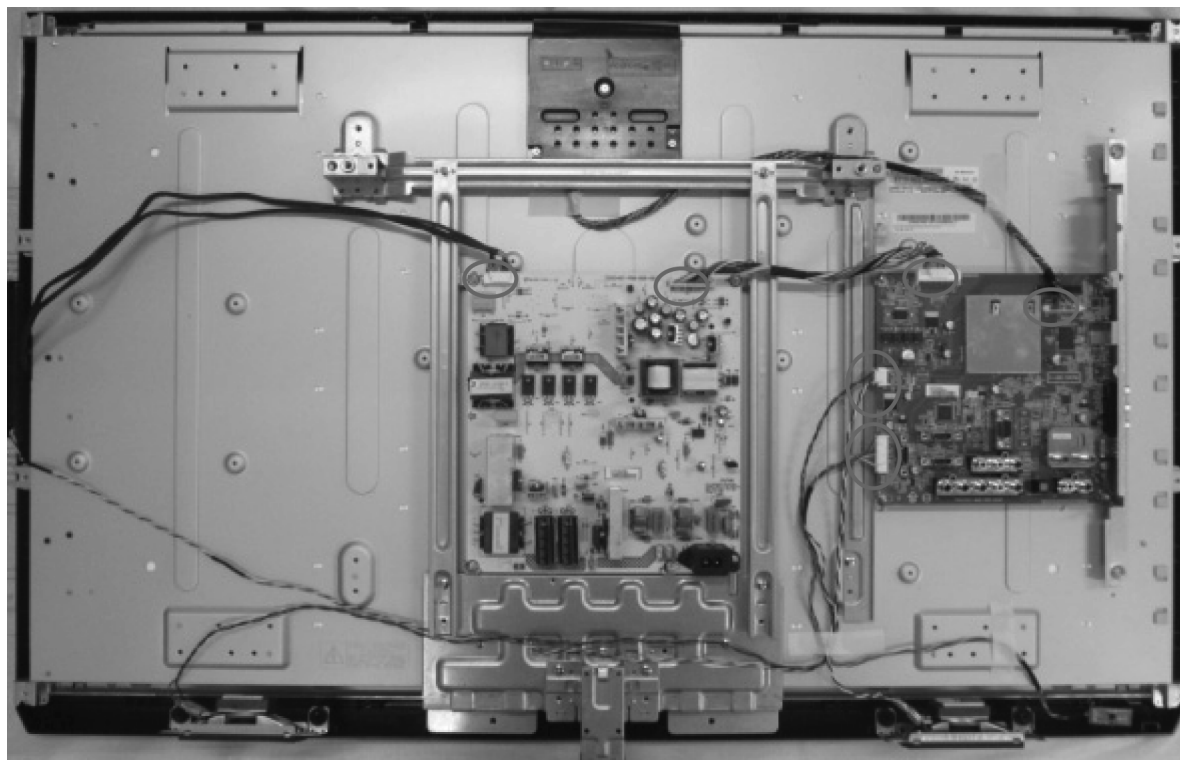
2. Remove the screws to remove the rear cover.

Rear cover is jointed with front cabinet by several hooks at top and both side.

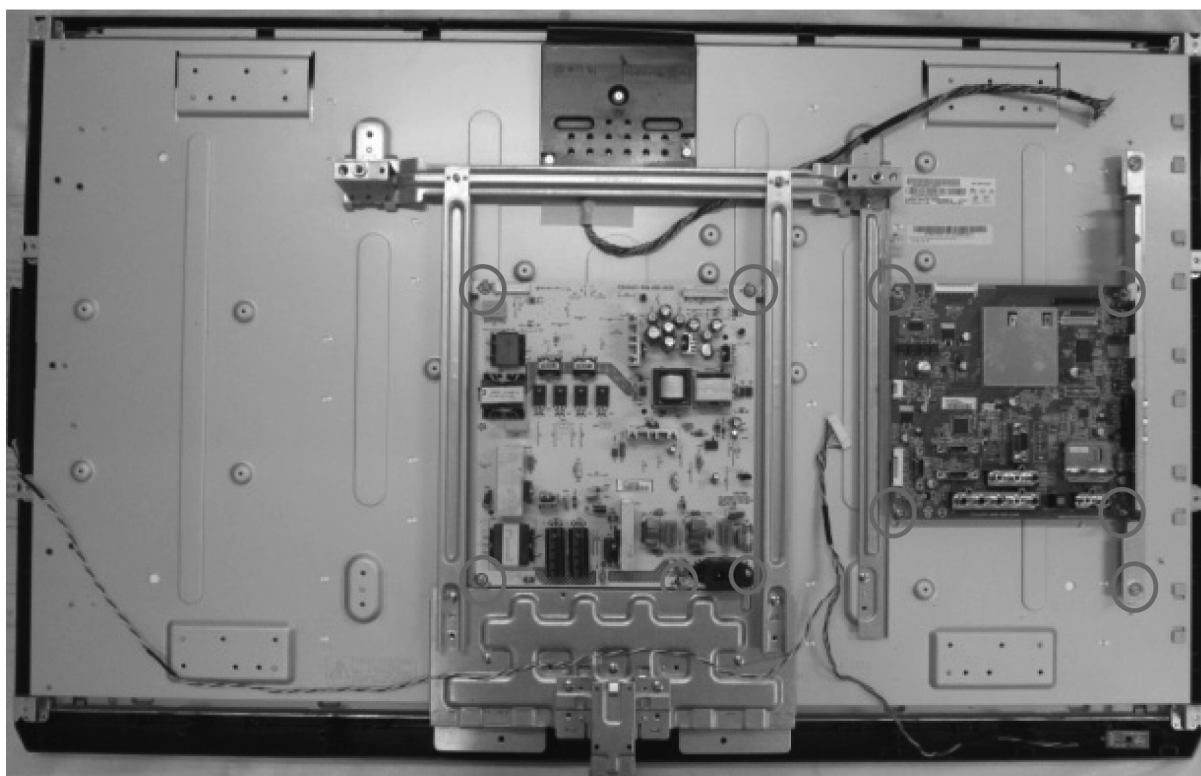
After remove the screws, take rear cover at bottom side and pull up it forcibly just like tearing rear cover from front cabinet.

**3. Unplug these connectors and cable clip on the main board and power board.**

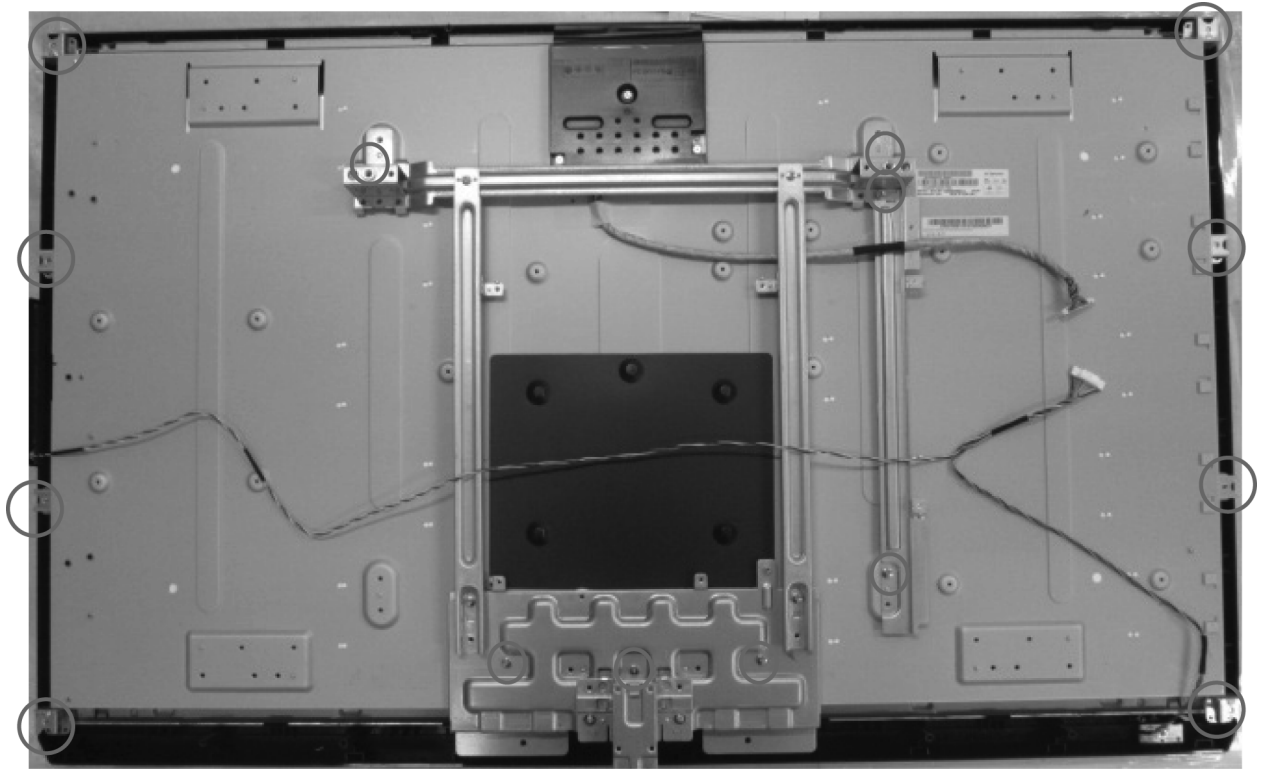
4. Remove the Speakers.



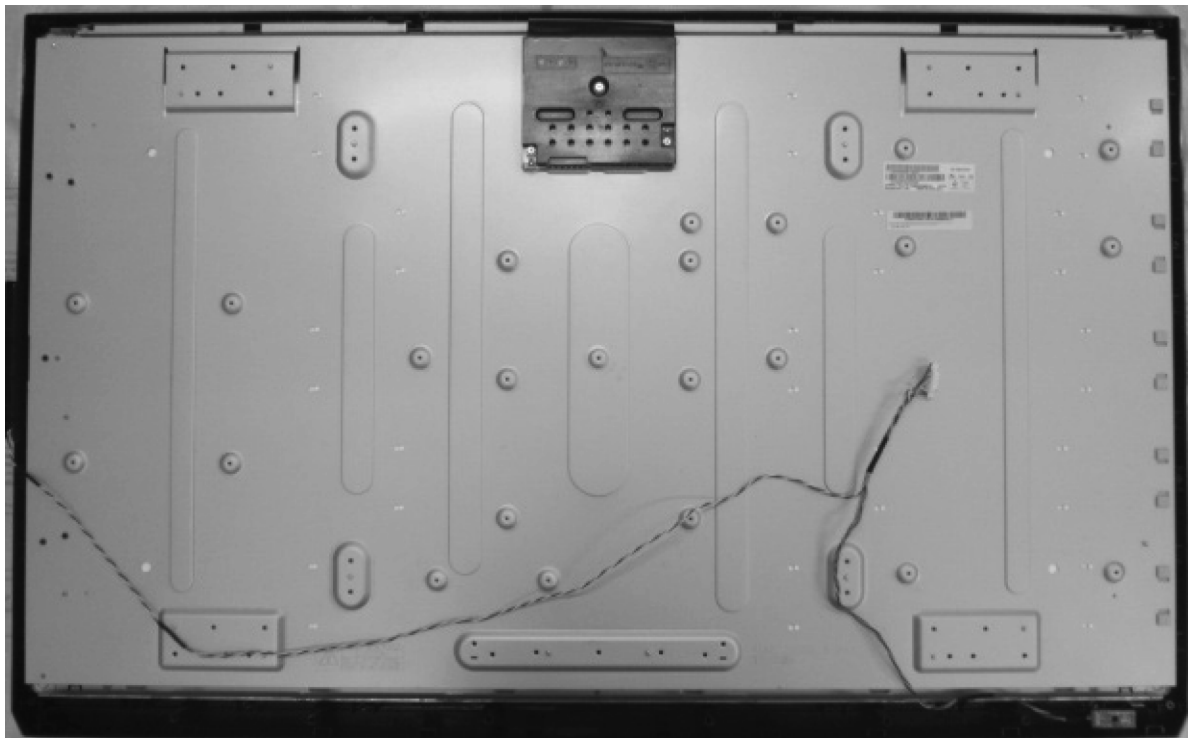
5. Remove the screws to remove the Main Board and Power Board.



6. Remove the screws to remove the BKT.

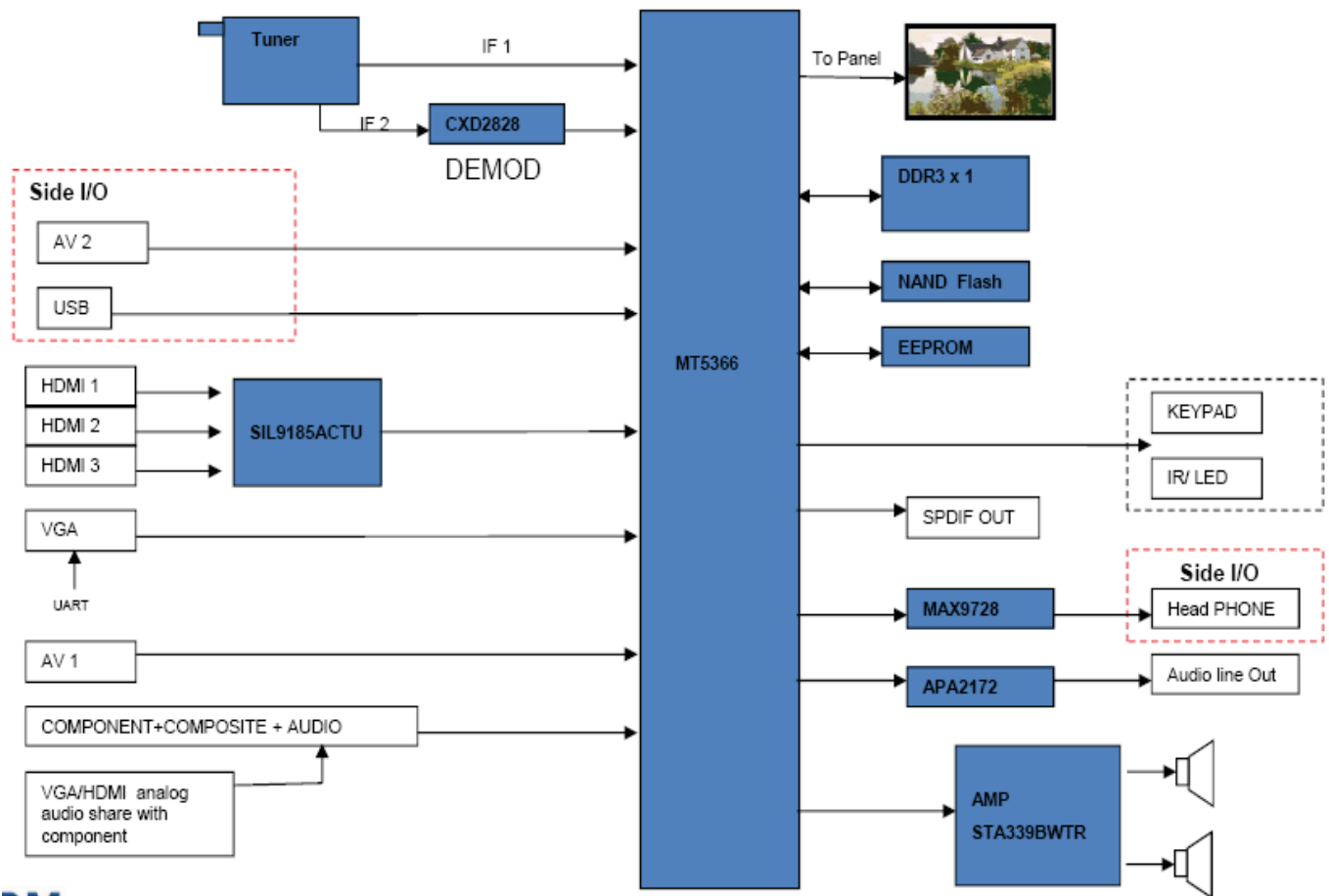


7. Remove the panel.



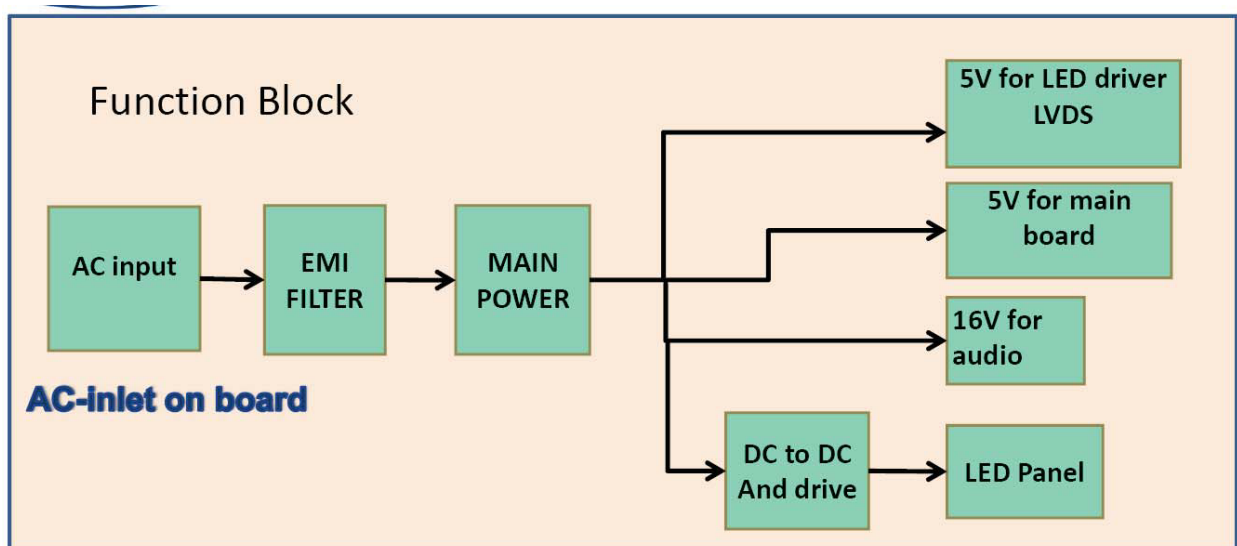
7 Block Diagram

Main Block

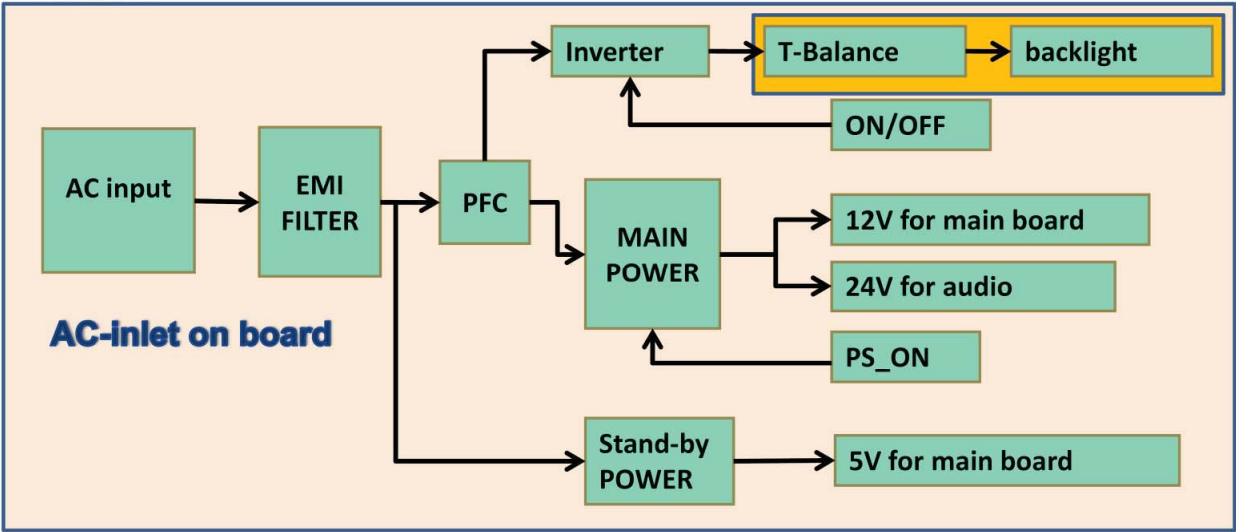


Power Block

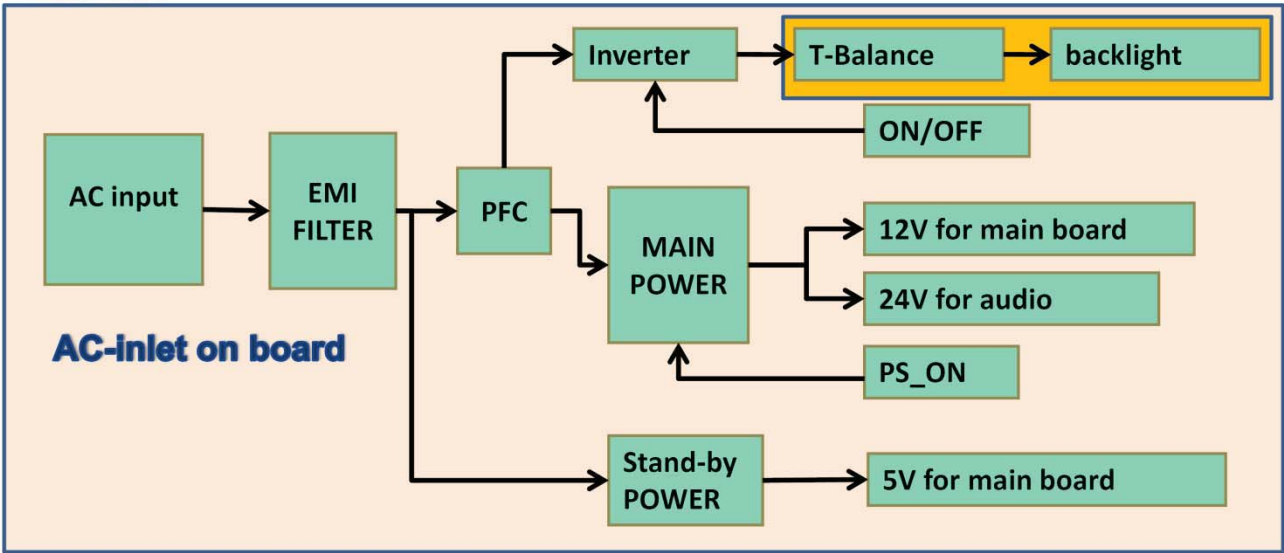
TH-L24X5A & TH-L24X5Z



TH-L32C5S& TH-L32C5Z



TH-L42U5S& TH-L42U5Z



8 Wiring Connection Diagram

8.1. Caution statement.

Caution:

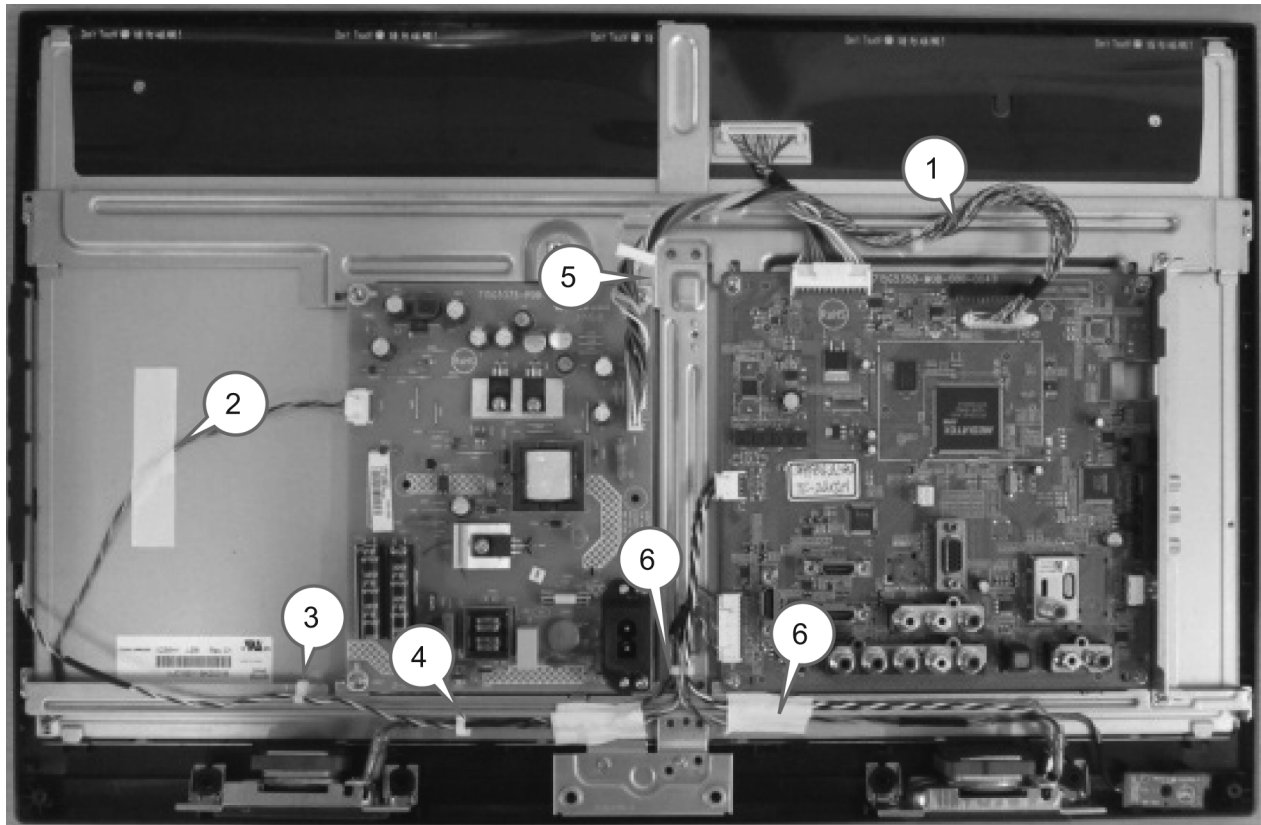
Please confirm that all flexible cables are assembled correctly.

Also make sure that they are locked in the connectors.

Verify by giving the flexible cables a very slight pull.

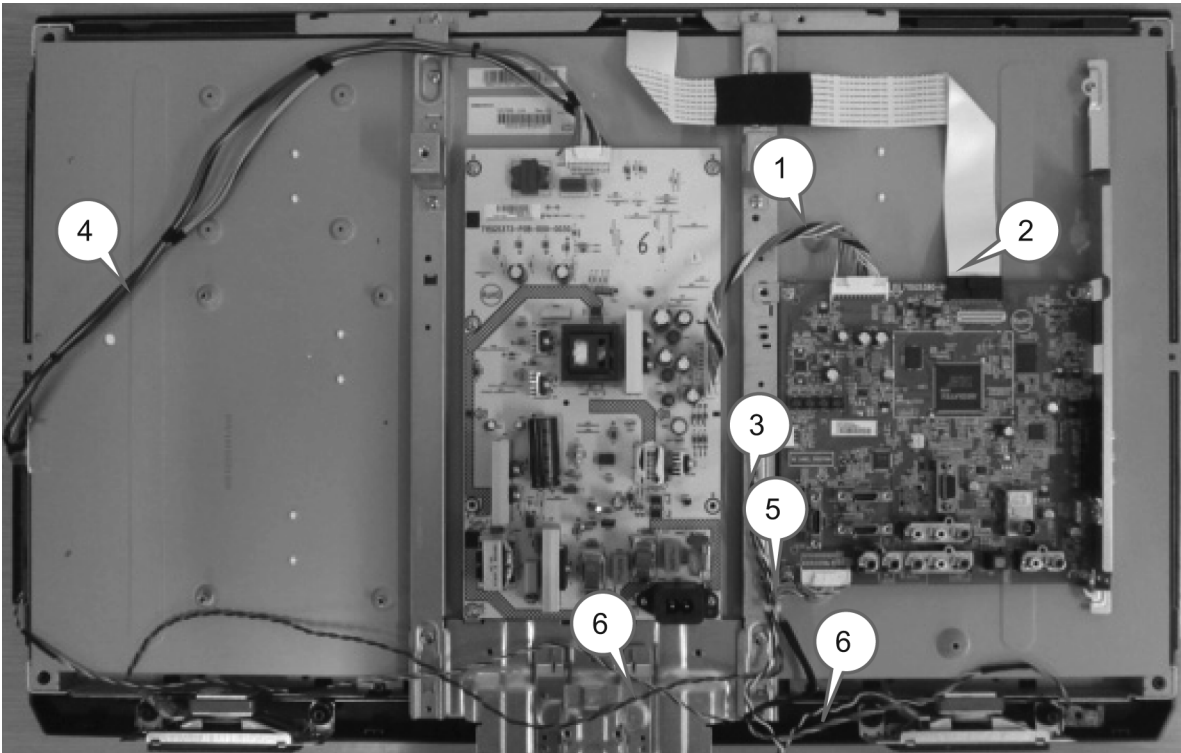
8.2. Wiring

TH-L24X5A&TH-L24X5Z



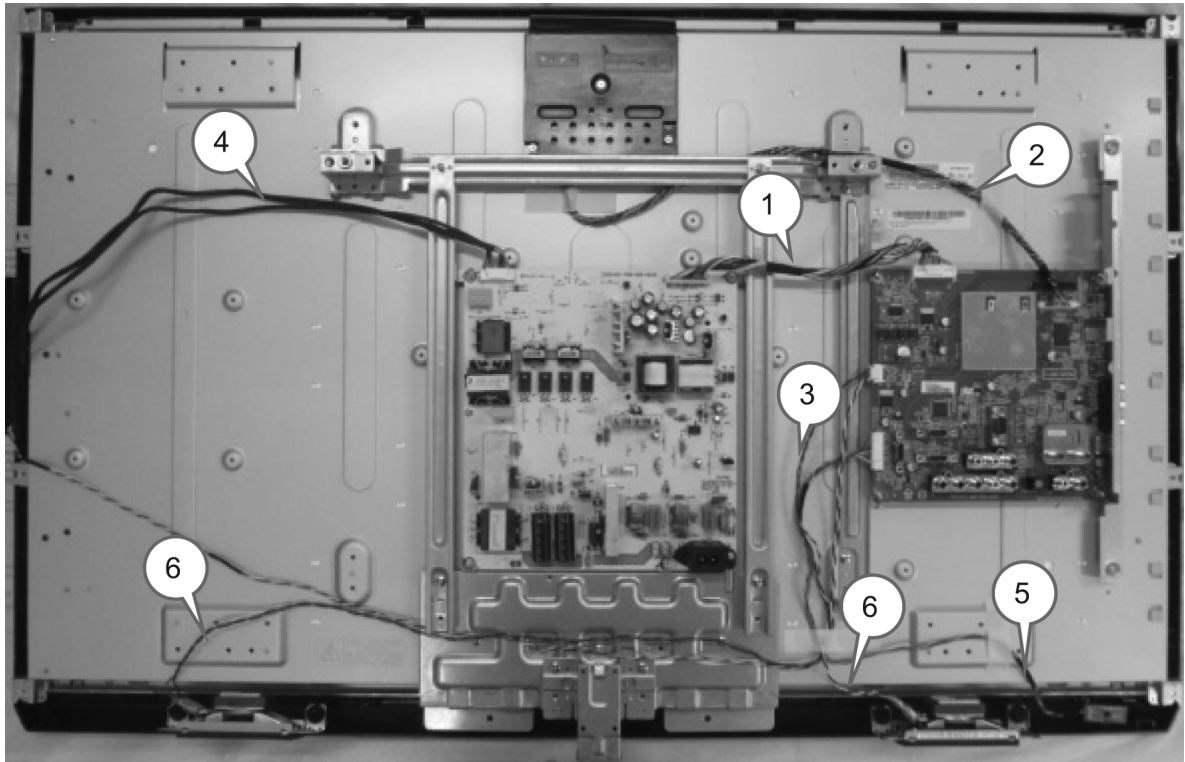
	1	2	3	4	5	6
MB TO PANEL	●					
PB TO PANEL		●				
MB TO KB TO IR BOARD			●	●		●
MB TO SPEAKER				●		●
MB TO PB					●	

TH-L32C5Z & TH-L32C5S



	1	2	3	4	5	6
MB TO PB	●					
MB TO PANEL		●				
MB TO KB TO IR BOARD			●		●	●
MB TO SPEAKER					●	●
PB TO PANEL				●		●

TC-L42U5Z & TC-L42U5S

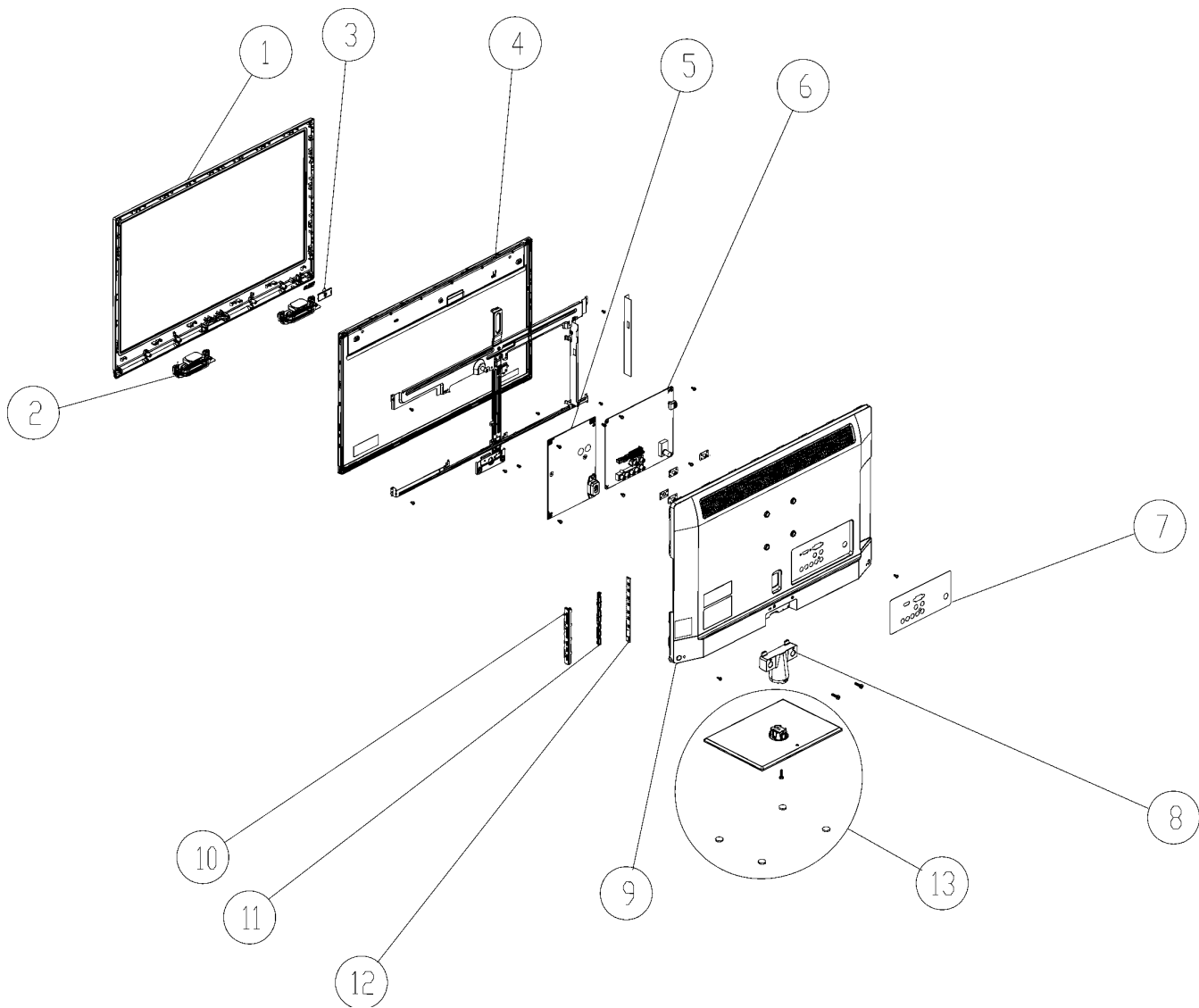


	1	2	3	4	5	6
MB TO PB	●					
MB TO PANEL		●				
MB TO KB TO IR BOARD			●		●	●
MB TO SPEAKER					●	●
PB TO PANEL				●		●

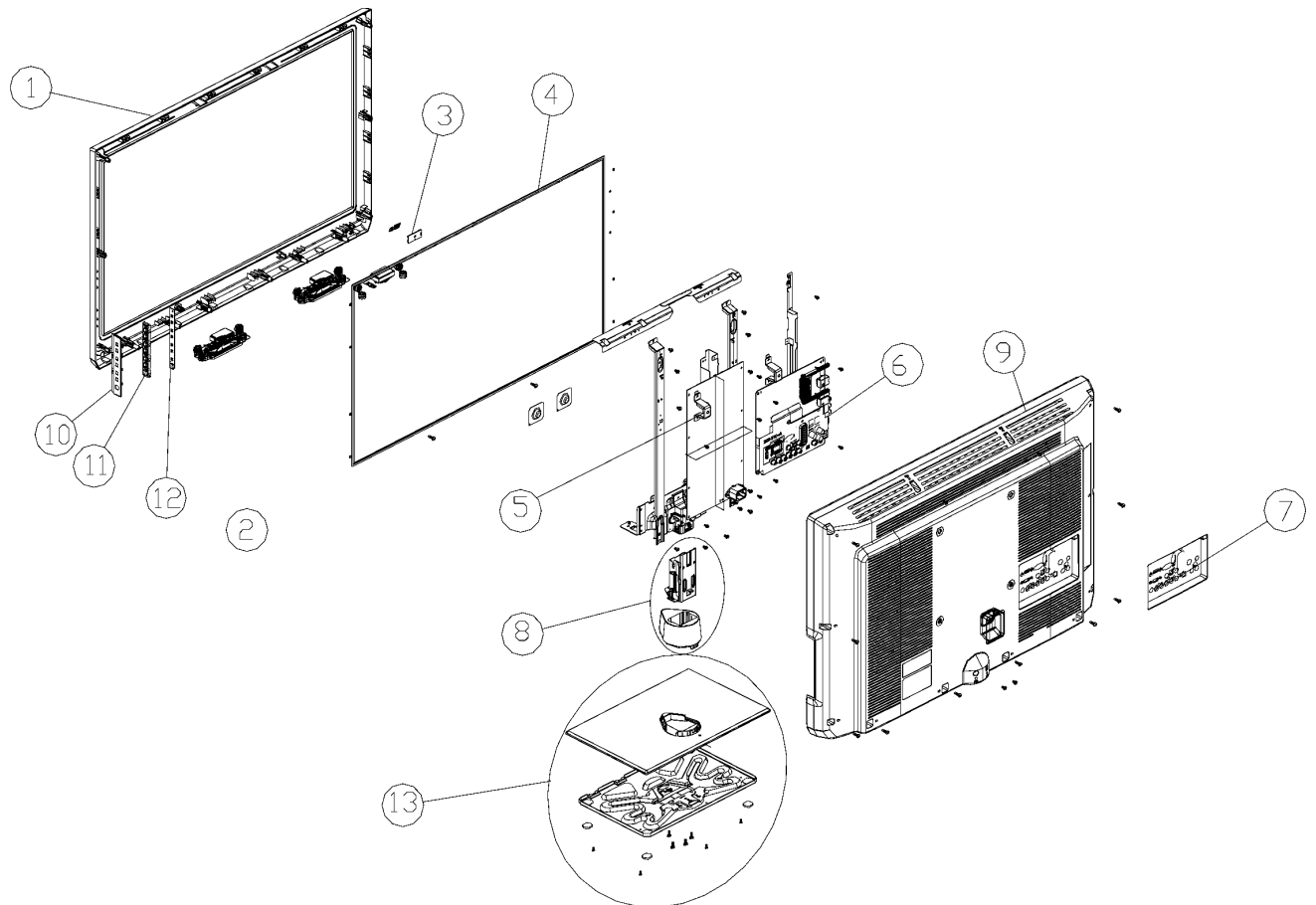
9 Exploded View and Replacement Parts List

9.1. Exploded View

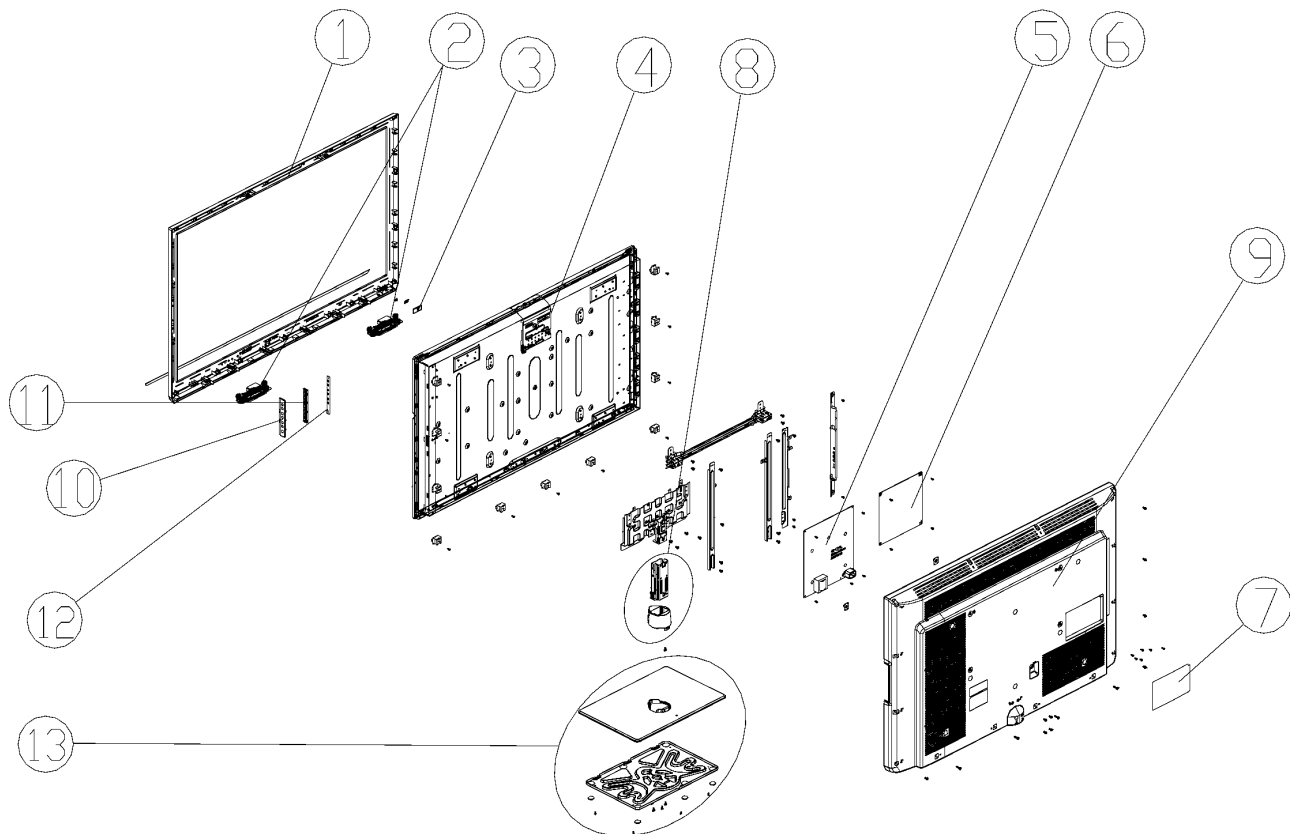
For TH-L24X5A&TH-L24X5Z



For TH-L32C5Z & TH-L32C5S



For TH-L42U5Z&TH-L42U5S



9.1.1. Replacement Parts List

Note: All part will be supplied by PAVCKM.

TH-L32C5Z series

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
⚠	1	TZZ00000380A	Bezel	1	
⚠	2	TZZ00000186A	Speaker	2	
	3	TZZ00000359A	IR Board	1	
⚠	4	L5EDDYY00392	LCD Panel	1	
⚠	5	TZZ00000399A	Power Board	1	
⚠	6	TZZ00000336A	Main Board-CBPF6XLA1Q	1	
	7	TZZ00000428A	IO Label	1	
⚠	8	TZZ00000266A	Stand	1	
⚠	9	TZZ00000386A	Rear Cover	1	
	10	TZZ00000368A	Key Cover	1	
	11	TZZ00000371A	Key Pad	1	
	12	TZZ00000366A	Key Board	1	
⚠	13	TZZ00000265A	Base	1	
⚠		TZZ00000188A	Power Cord	1	
⚠		TZZ00000002A	Remote Controller	1	
⚠		TZZ00000463A	Manual	1	
		TZZ00000551A	Rating Label	1	
		TPD4GA03921	Top Cushion	1	
		TPD4GA03931	Bottom Cushion	1	
⚠		TPC4GA21601A	Carton	1	
		TZZ00000502A	PE Bag For Set	1	
		TZZ00000218A	Cable	1	PB to PANEL
		TZZ00000197A	LVDS Cable	1	MB TO PANEL

TH-L32C5S series

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
⚠	1	TZZ00000380A	Bezel	1	
⚠	2	TZZ00000186A	Speaker	2	
	3	TZZ00000359A	IR Board	1	
⚠	4	L5EDDYY00392	LCD Panel	1	
⚠	5	TZZ00000399A	Power Board	1	
⚠	6	TZZ00000338A	Main Board-CBPF6UMA1Q	1	
	7	TZZ00000423A	IO Label	1	
⚠	8	TZZ00000278A	Stand	1	
⚠	9	TZZ00000386A	Rear Cover	1	
	10	TZZ00000368A	Key Cover	1	
	11	TZZ00000371A	Key Pad	1	
	12	TZZ00000366A	Key Board	1	
⚠	13	TZZ00000279A	Base	1	
⚠		TZZ00000180A	Power Cord	1	
⚠		TZZ00000002A	Remote Controller	1	
⚠		TZZ00000464A	Manual	1	
		TZZ00000549A	Rating Label	1	
		TPD4GA03921	Top Cushion	1	
		TPD4GA3931	Bottom Cushion	1	
⚠		TPC4GA21601A	Carton	1	
		TZZ00000502A	PE Bag For Set	1	
		TZZ00000197A	LVDS Cable	1	MB TO PANEL
		TZZ00000218A	Cable	1	PB to PANEL

TH-L24X5A series

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
⚠	1	TZZ00000250A	Bezel	1	
⚠	2	TZZ00000185A	Speaker	2	
	3	TZZ00000359A	IR Board	1	
⚠	4	L5EDDYY00394	LCD Panel	1	
⚠	5	TZZ00000395A	Power Board	1	
⚠	6	TZZ00000334A	Main Board-CBPF6ULA2Q	1	
	7	TZZ00000434A	IO Label	1	
⚠	8	TZZ00000525A	Stand	1	
⚠	9	TZZ00000251A	Rear Cover	1	
	10	TZZ00000517A	Key Cover	1	
	11	TZZ00000519A	Key Pad	1	
	12	TZZ00000365A	Key Board	1	
⚠	13	TZZ00000527A	Base	1	
⚠		TZZ00000188A	Power Cord	1	
⚠		TZZ00000002A	Remote Controller	1	
⚠		TZZ00000451A	Manual	1	
		TZZ00000529A	Rating Label	1	
		TPD4GA03871	Top Cushion	1	
		TPD4GA03881	Bottom Cushion	1	
⚠		TPC4GA21401A	Carton	1	
		TZZ00000500A	PE Bag For Set	1	
		TZZ00000215A	Cable	1	PB to PANEL
		TZZ00000236A	LVDS Cable	1	MB TO PANEL

TH-L24X5Z series

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
⚠	1	TZZ00000250A	Bezel	1	
⚠	2	TZZ00000185A	Speaker	2	
	3	TZZ00000359A	IR Board	1	
⚠	4	L5EDDYY00394	LCD Panel	1	
⚠	5	TZZ00000395A	Power Board	1	
⚠	6	TZZ00000335A	Main Board-CBPF6XLA2Q	1	
	7	TZZ00000434A	IO Label	1	
⚠	8	TZZ00000525A	Stand	1	
⚠	9	TZZ00000251A	Rear Cover	1	
	10	TZZ00000517A	Key Cover	1	
	11	TZZ00000519A	Key Pad	1	
	12	TZZ00000365A	Key Board	1	
⚠	13	TZZ00000527A	Base	1	
⚠		TZZ00000188A	Power Cord	1	
⚠		TZZ00000002A	Remote Controller	1	
⚠		TZZ00000451A	Manual	1	
		TZZ00000529A	Rating Label	1	
		TPD4GA03871	Top Cushion	1	
		TPD4GA03881	Bottom Cushion	1	
⚠		TPC4GA21401A	Carton	1	
		TZZ00000500A	PE Bag For Set	1	
		TZZ00000215A	Cable	1	PB to PANEL
		TZZ00000236A	LVDS Cable	1	MB TO PANEL

TH-L42U5Z series

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
⚠	1	TZZ00000249A	Bezel	1	
⚠	2	TZZ00000186A	Speaker	2	
	3	TZZ00000359A	IR Board	1	
⚠	4	L5EDDY00390	LCD Panel	1	
⚠	5	TZZ00000403A	Power Board	1	
⚠	6	TZZ00000337A	Main Board-CBFFB6XLA4Q	1	
	7	TZZ00000431A	IO Label	1	
⚠	8	TZZ00000272A	Stand	1	
⚠	9	TZZ00000375A	Rear Cover	1	
	10	TZZ00000368A	Key Cover	1	
	11	TZZ00000371A	Key Pad	1	
	12	TZZ00000366A	Key Board	1	
⚠	13	TZZ00000273A	Base	1	
⚠		TZZ00000188A	Power Cord	1	
⚠		TZZ00000002A	Remote Controller	1	
⚠		TZZ00000463A	Manual	1	
		TZZ00000556A	Rating Label	1	
		TPD4GA03891	Top Cushion	1	
		TPD4GA03911	Center Cushion	1	
		TPD4GA03901	Bottom Cushion	1	
⚠		TPC4GA21501A	Carton	1	
		TZZ00000504A	PE Bag For Set	1	
		TZZ00000217A	Cable	1	PB to PANEL
		TZZ00000241A	LVDS Cable	1	MB TO PANEL

TH-L42U5S series

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
⚠	1	TZZ00000249A	Bezel	1	
⚠	2	TZZ00000186A	Speaker	2	
	3	TZZ00000359A	IR Board	1	
⚠	4	L5EDDY00390	LCD Panel	1	
⚠	5	TZZ00000403A	Power Board	1	
⚠	6	TZZ00000339A	Main Board-CBFFB6UMA3Q	1	
	7	TZZ00000433A	IO Label	1	
⚠	8	TZZ00000272A	Stand	1	
⚠	9	TZZ00000376A	Rear Cover	1	
	10	TZZ00000368A	Key Cover	1	
	11	TZZ00000371A	Key Pad	1	
	12	TZZ00000366A	Key Board	1	
⚠	13	TZZ00000273A	Base	1	
⚠		TZZ00000180A	Power Cord	1	
⚠		TZZ00000002A	Remote Controller	1	
⚠		TZZ00000464A	Manual	1	
		TZZ00000558A	Rating Label	1	
		TPD4GA03891	Top Cushion	1	
		TPD4GA03911	Center Cushion	1	
		TPD4GA03901	Bottom Cushion	1	
⚠		TPC4GA21501A	Carton	1	
		TZZ00000504A	PE Bag For Set	1	
		TZZ00000241A	LVDS Cable	1	MB TO PANEL
		TZZ00000217A	Cable	1	PB to PANEL