

MULTI FORMAT LCD MONITOR  
**DT-U17/24/27/31/31Pro**



**Dismantling manual for use by  
professional recyclers**

By: JVCKENWOOD Corporation  
First edition, May 2021

# The Scope for the Manual

This manual is for the technicians who know well about the electric and have some experiences of maintenance. All necessary information of dismantling and actual published date are included in this manual.

## For Your Safety

- Please pay attention to the below proceedings for your safety:
- Please turn off the power and remove batteries, and don't operate the equipment when you are near the electric detonator or on flammability gas station.
- Only the qualified technicians can dismantle the equipment.

## Disclaimer

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For any other problems that didn't refer in this dismantling Manual, please contact:

Manufacturer:

**JVCKENWOOD Corporation**

Please visit: <https://www.jvc.net/>

for contact details of your nearest service department

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EMVA

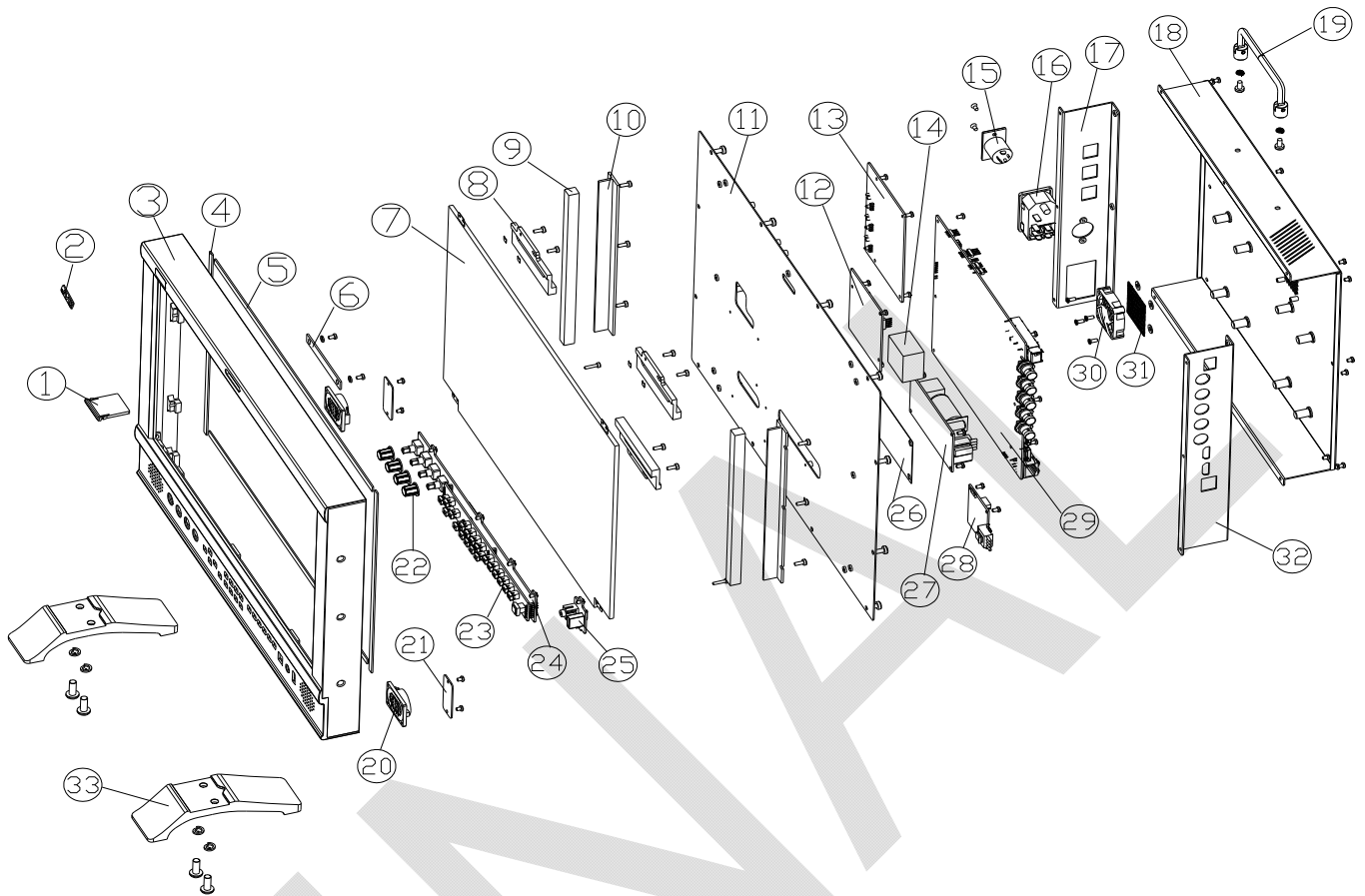
## 1. Service tools

Name	Application
Hexagonal wrench (Width across: 2.5 mm)	Screw tightening
Torque screwdriver(0,16-0,74Nm)	Screw tightening

FEMINA

## 2. Parts List

### 2.1 DT-U17

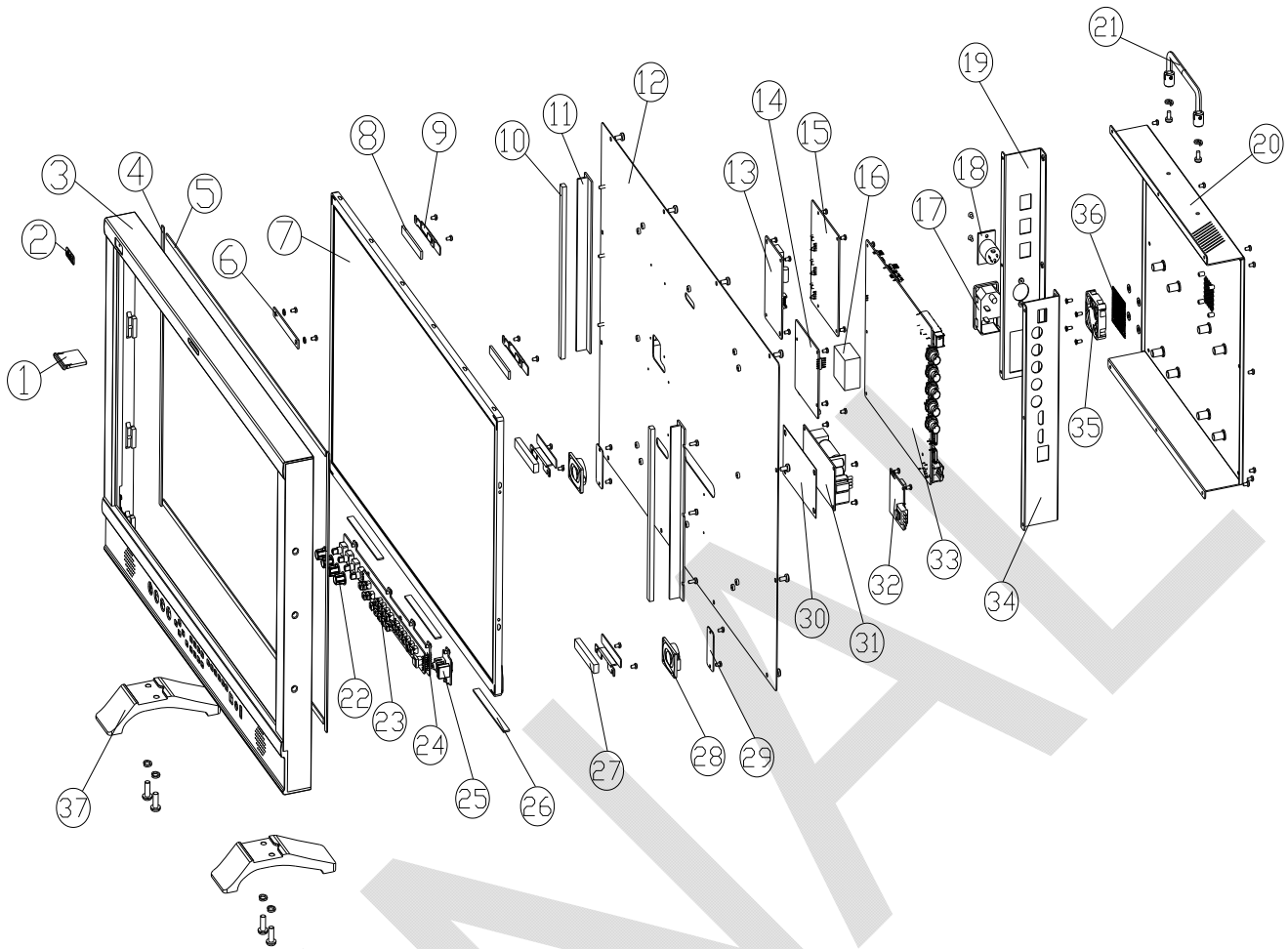


Parts List

NO.	Part NO.	Description	Qty
1	42320258	Tally lampshade	1
2	42400121	JVC nameplate	1
3	39800521	Front panel	1
4	43420114	Left and right foam	2
5	43420113	Top foam	1
6	39700243	Tally board	1
7	41170076	LCD	1
8	42310422	Press plate	3
9	43420116	Damping pad	2
10	42310404	LCD holder	2
11	42311025	Middle panel	1
12	39700453	V-BY-ONE board	1
13	39700498	AGU board	1
14	44540039	Thermal silica	1
15	41150204	XLR-4PIN	1
16	41150362	AC IN-Switch	1
17	42311022	Right frame	1

NO.	Part NO.	Description	Qty
18	42311008	Rear panel	1
19	42310787	Handle	1
20	41040024	Speaker	2
21	42310942	Speaker holder	2
22	42320048	Switch cover	4
23	39700495	Key board	1
24	39700496	Rotary encoder board	1
25	39700500	USB board	1
26	44540045	Insulating sheet	1
27	41190066	Transformer board	1
28	39700504	Power selection board	1
29	39700462	Main board	1
30	41180013	Fan	1
31	44590104	Dust filter	1
32	42311009	Left frame	1
33	42311041	Desktop stand	2

## 2.2 DT-U24

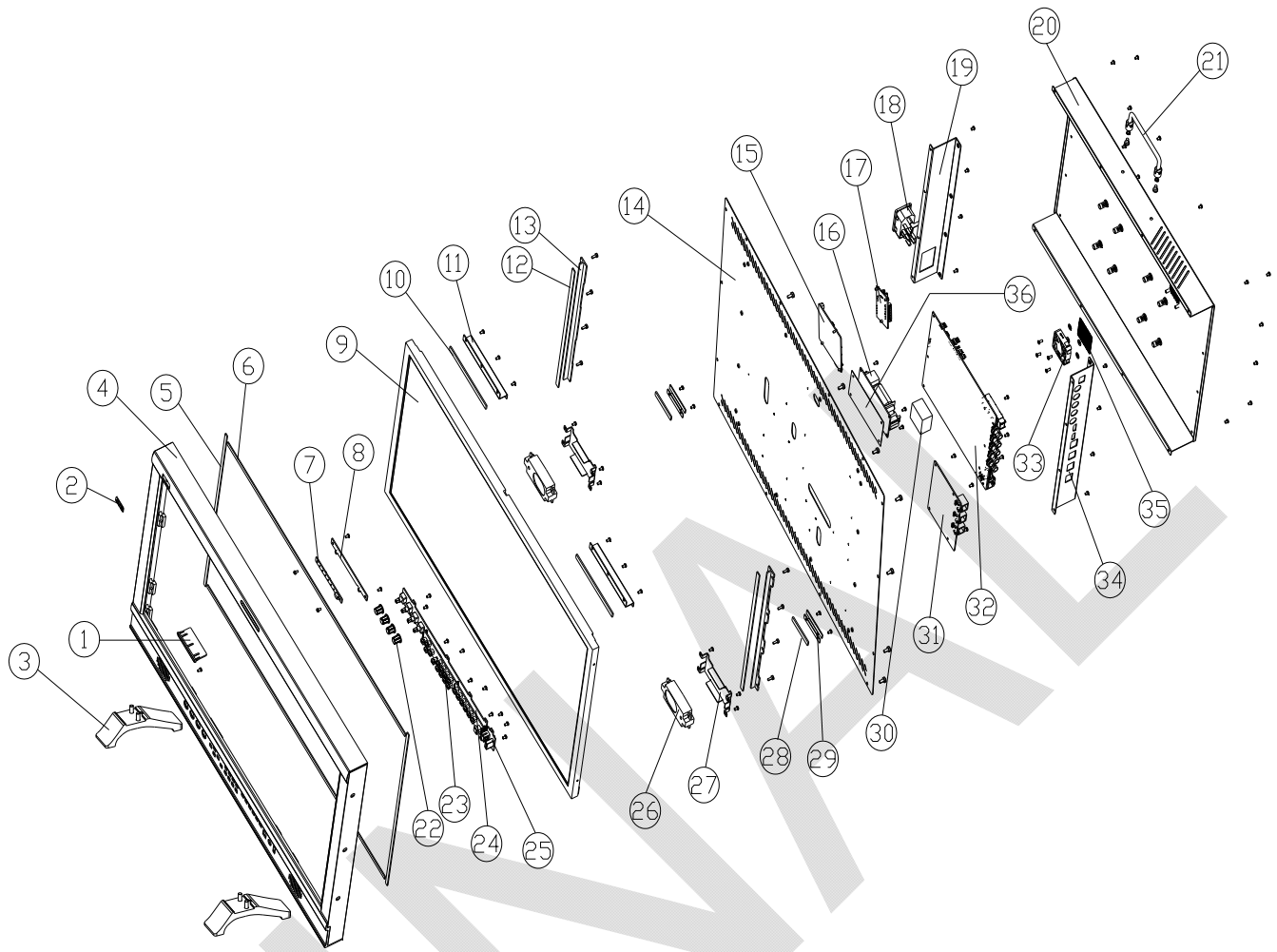


### Parts List

NO.	Part NO.	Description	Qty
1	42320258	Tally lampshade	1
2	42400121	JVC nameplate	1
3	39800522	Front panel	1
4	43420102	Left and right foam	2
5	43420124	Top and lower foam	2
6	39700243	Tally board	1
7	41170073	LCD	1
8	42330163	Damping pad(T)	2
9	42311085	LCD holder(T and L)	4
10	42330084	Damping pad(M)	2
11	42310404	LCD holder(M)	2
12	42311028	Middle panel	1
13	39700493	Backlight board	1
14	39700422	V-BY-ONE board	1
15	39700498	AGU board	1
16	44540039	Thermal silica	1
17	41150362	AC IN-Switch	1
18	41150204	XLR-4PIN	1
19	42311022	Right frame	1

NO.	Part NO.	Description	Qty
20	42311008	Rear panel	1
21	42310787	Handle	1
22	42320048	Switch cover	4
23	39700495	Key board	1
24	39700496	Rotary encoder board	1
25	39700500	USB board	1
26	42330170	LCD holder pad	3
27	42330169	Damping pad(L)	2
28	41040024	Speaker	2
29	42310942	Speaker holder	2
30	44540045	Insulating sheet	1
31	41190066	Transformer board	1
32	39700504	Power selection board	1
33	39700462	Main board	1
34	42311009	Left frame	1
35	41180013	Fan	1
36	44590104	Dust filter	1
37	42311041	Desktop stand	2

## 2.3 DT-U27HB

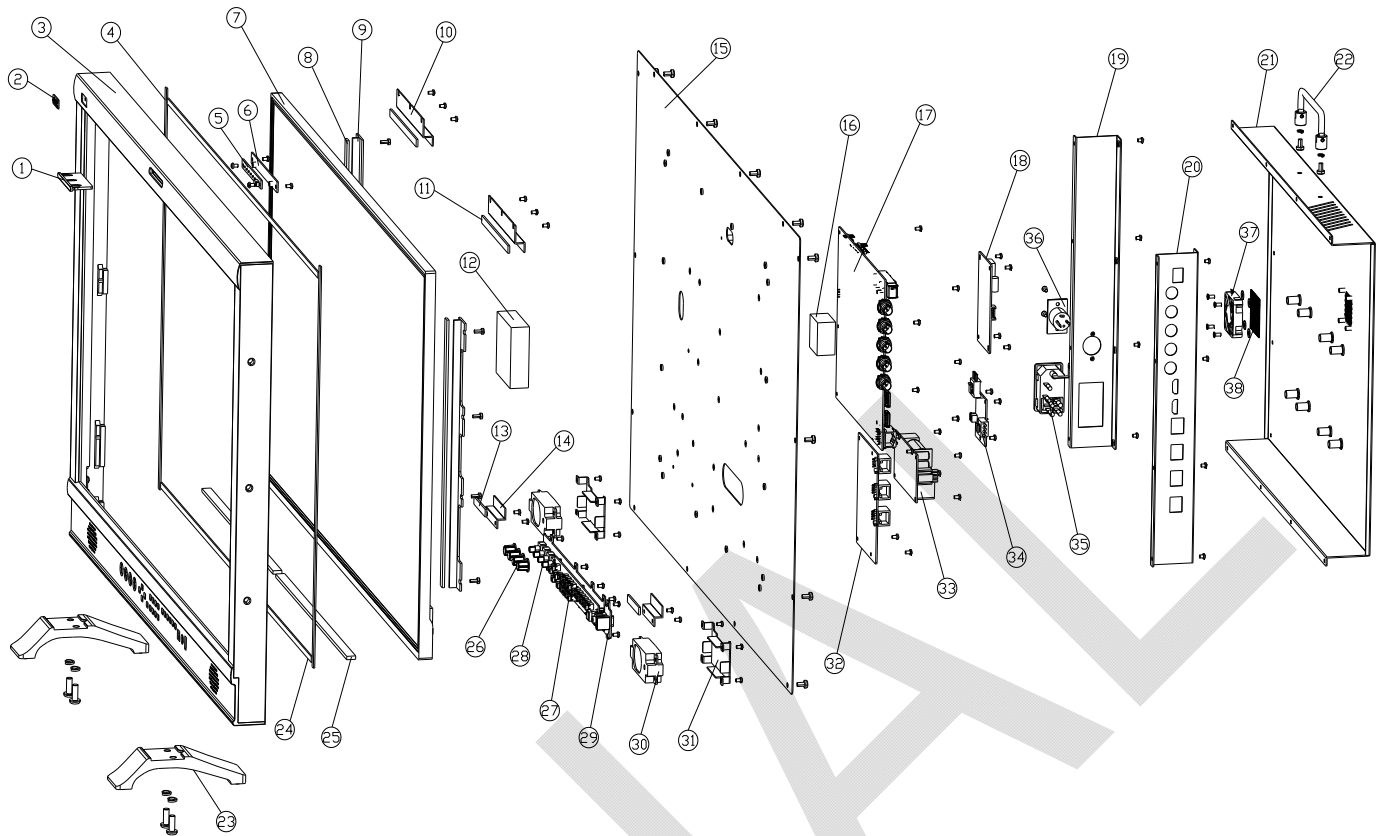


### Parts List

NO.	Part NO.	Description	Qty
1	42320594	Tally lampshade	1
2	42400121	JVC nameplate	1
3	30700199	Desktop stand	2
4	39800480	Front panel	1
5	44520116	Left and right foam	2
6	44520117	Top and lower foam	2
7	39700494	Tally board	1
8	42310859	Tally holder	1
9	41170079	LCD	1
10	42330153	Damping pad(T)	2
11	42310920	LCD holder(T)	2
12	42330154	Damping pad(M)	2
13	42310917	LCD holder-T Style	2
14	42311156	Middle panel	1
15	39700422	V-BY-ONE board	1
16	41190066	Transformer board	1
17	39700499	Power selection board	1
18	41150362	AC IN-Switch	1

NO.	Part NO.	Description	Qty
19	42311040	Right frame	1
20	42311105	Rear panel	1
21	42310787	Handle	1
22	42320048	Switch cover	4
23	39700495	Key board	1
24	39700496	Rotary encoder board	1
25	39700500	USB board	1
26	41040027	Speaker	2
27	42310394	Speaker holder	2
28	42330106	Damping pad(L)	2
29	42311157	LCD holder(L)	2
30	44540039	Thermal silica	1
31	39700498	AGU board	1
32	39700462	Main board	1
33	41180013	Fan	1
34	42310741	Left frame	1
35	44590104	Dust filter	1
36	44540045	Insulating sheet	1

## 2.4 DT-U31



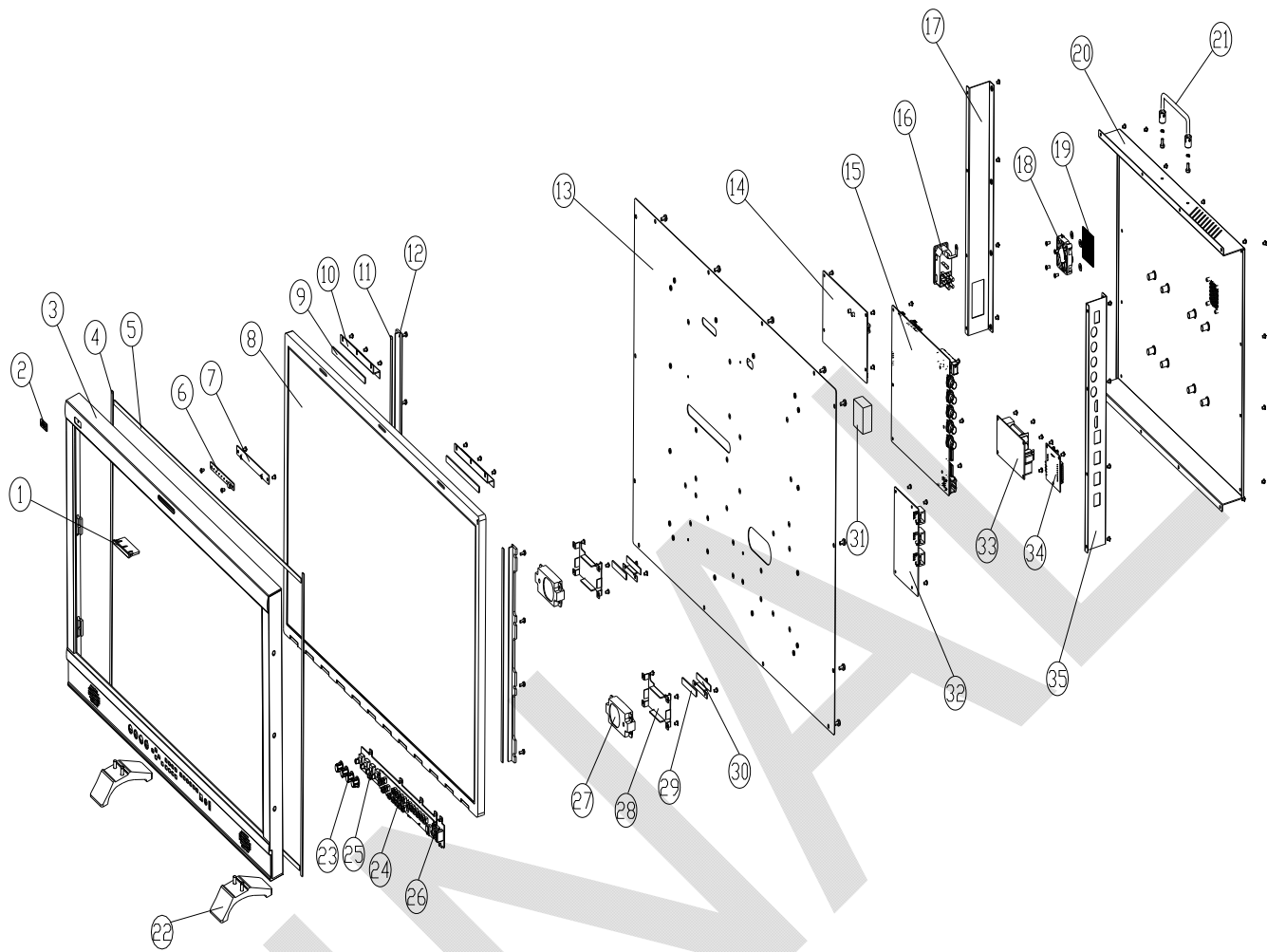
### Parts List

NO.	Part NO.	Description	Qty
1	42320594	Tally lampshade	1
2	42400121	JVC nameplate	1
3	39800478	Front panel	1
4	44520109	Left and right foam	2
5	39700494	Tally board	1
6	42310859	Tally holder	1
7	41170050	LCD	1
8	42330105	Damping pad(M)	2
9	42310915	LCD holder-T Style	2
10	42310789	LCD holder(T)	2
11	42330104	Damping pad(T)	2
12	44520110	LCD damping pad	1
13	42330106	Damping pad(L)	2
14	42310916	LCD holder(L)	2
15	42310710	Middle panel	1
16	44540039	Thermal silica	1
17	39700462	Main board	1
18	39700493	Backlight board	1
19	42310740	Right frame	1

NO.	Part NO.	Description	Qty
20	42310741	Left frame	1
21	42311105	Rear panel	1
22	42310787	Handle	1
23	30700199	Desktop stand	2
24	44520108	Top and lower foam	2
25	42330107	LCD holder pad	2
26	42320048	Switch cover	4
27	39700495	Key board	1
28	39700496	Rotary encoder board	1
29	39700500	USB board	1
30	41040027	Speaker	2
31	42310394	Speaker holder	2
32	39700498	AGU board	1
33	41190066	Transformer board	1
34	39700504	Power selection board	1
35	41150362	AC IN-Switch	1
36	41150204	XLR-4PIN	1
37	41180013	Fan	1
38	44590104	Dust filter	1



## 2.5 DT-U31Pro



### Parts List

NO.	Part NO.	Description	Qty
1	42320594	Tally lampshade	1
2	42400121	JVC nameplate	1
3	39800479	Front panel	1
4	44520118	Left and right foam	2
5	44520108	Top and lower foam	2
6	39700494	Tally board	1
7	42310859	Tally holder	1
8	41170060	LCD	1
9	42330104	Damping pad(T)	2
10	42310834	LCD holder(T)	2
11	42330117	Damping pad(M)	2
12	42310918	LCD holder-T Style	2
13	42311068	Middle panel	1
14	39700478	V-BY-ONE board	1
15	39700462	Main board	1
16	41150362	AC IN-Switch	1
17	42311040	Right frame	1
18	41180013	Fan	1

NO.	Part NO.	Description	Qty
19	44590104	Dust filter	1
20	42311105	Rear panel	1
21	42310787	Handle	1
22	30700199	Desktop stand	2
23	42320048	Switch cover	4
24	39700495	Key board	1
25	39700496	Rotary encoder board	1
26	39700500	USB board	1
27	41040027	Speaker	2
28	42310394	Speaker holder	2
29	42330106	Damping pad(L)	2
30	42310923	LCD holder(L)	2
31	44540039	Thermal silica	1
32	39700498	AGU board	1
33	41190066	Transformer board	1
34	39700499	Power selection board	1
35	42310741	Left frame	1



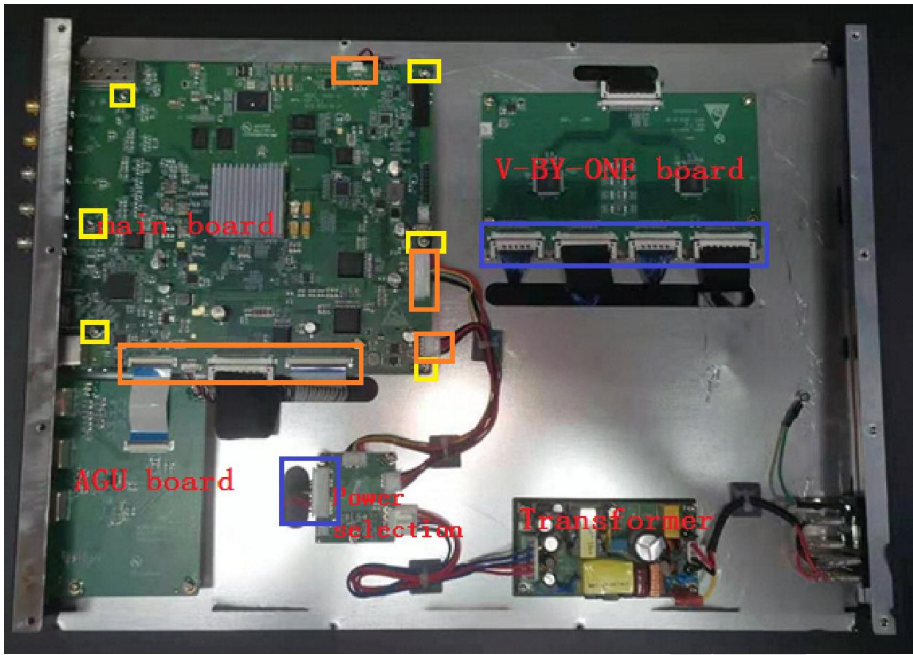


FIG. 5

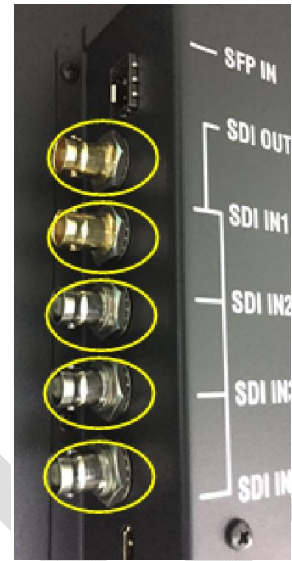


FIG. 6

3.4 To disassemble the LCD panel:

- 1、 Remove the connecting line in the blue box, see FIG. 5;
- 2、 Remove all the 14 screws from the middle panel, see FIG. 7.
- 3、 Remove the 18 screws in the red circle, see FIG. 8.

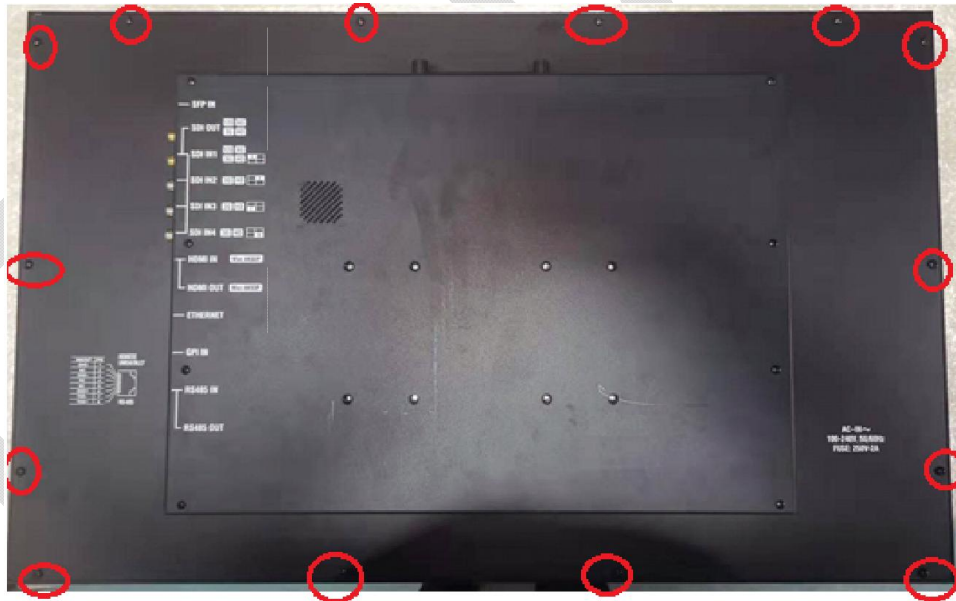


FIG. 7

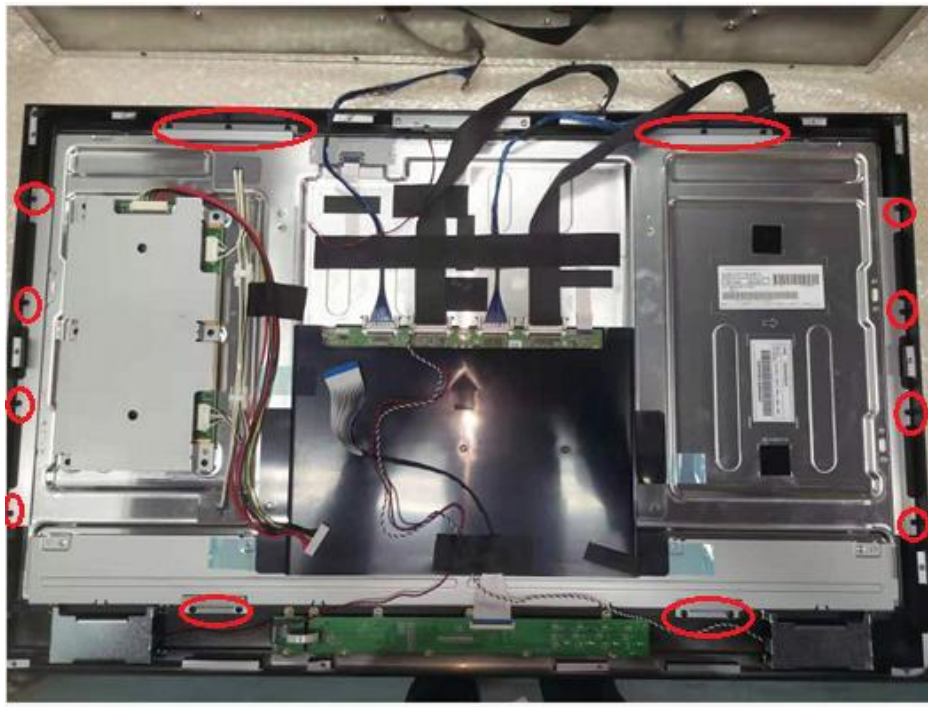


FIG. 8

3.5 DT-U17/24/27HB/31 PCBA

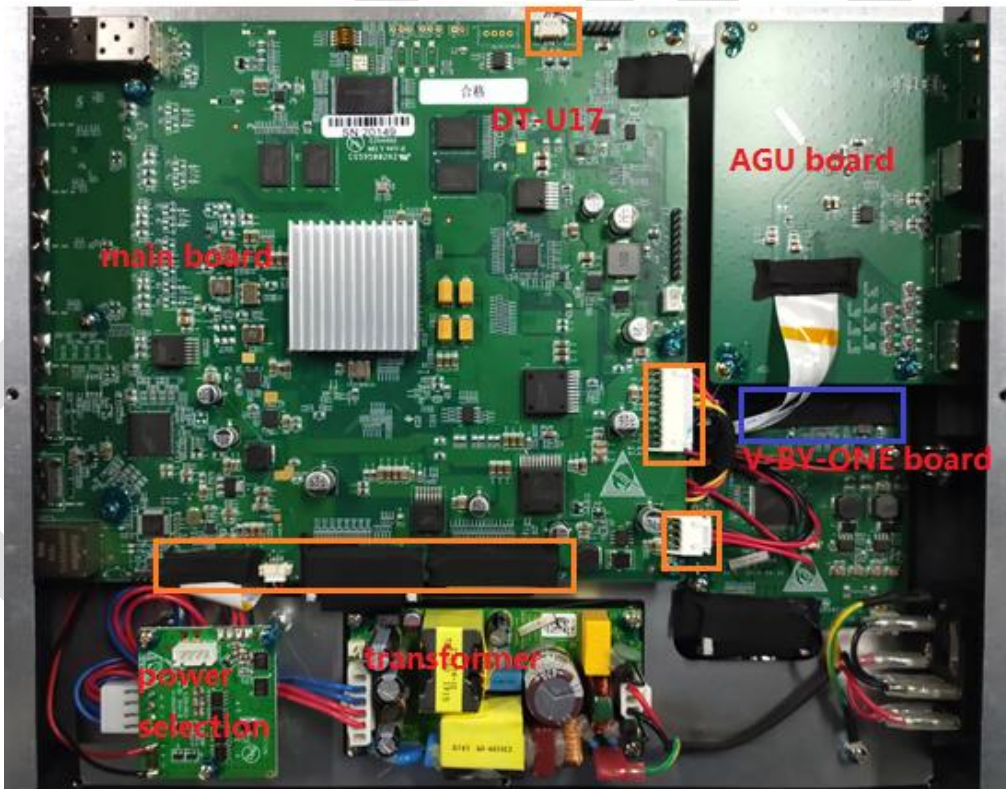


FIG. 9

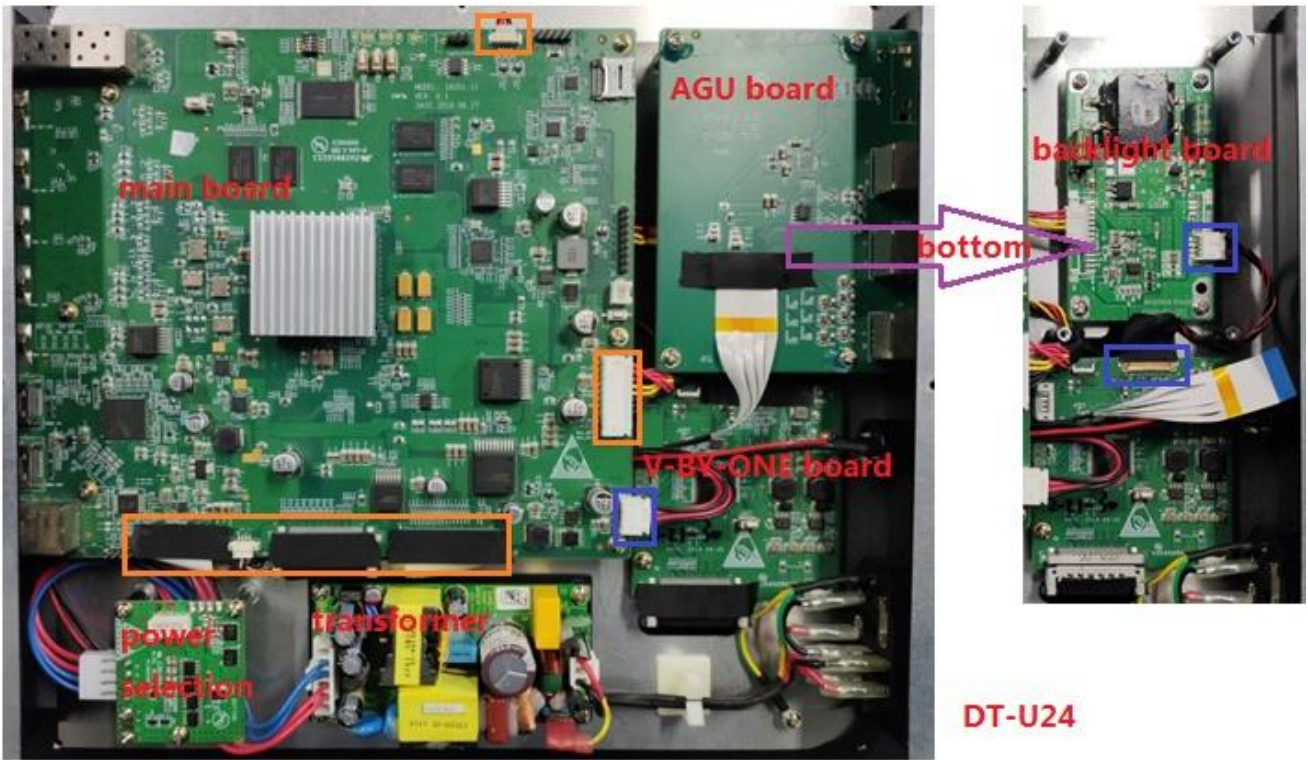


FIG. 10

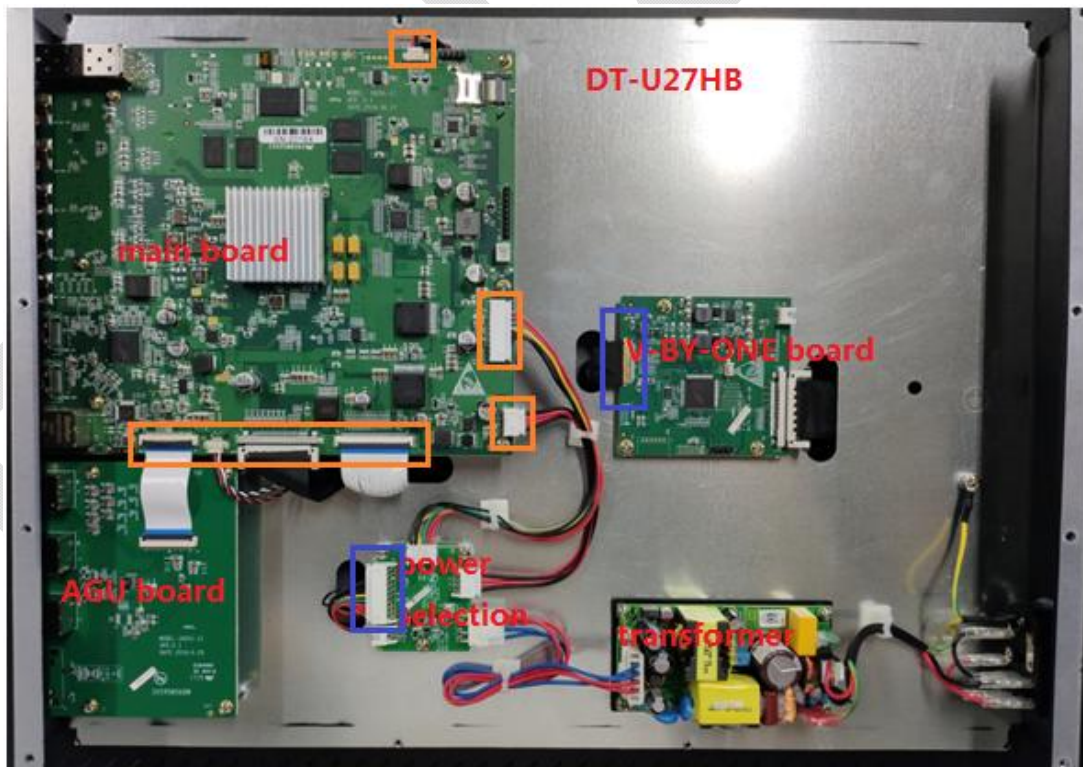


FIG. 11

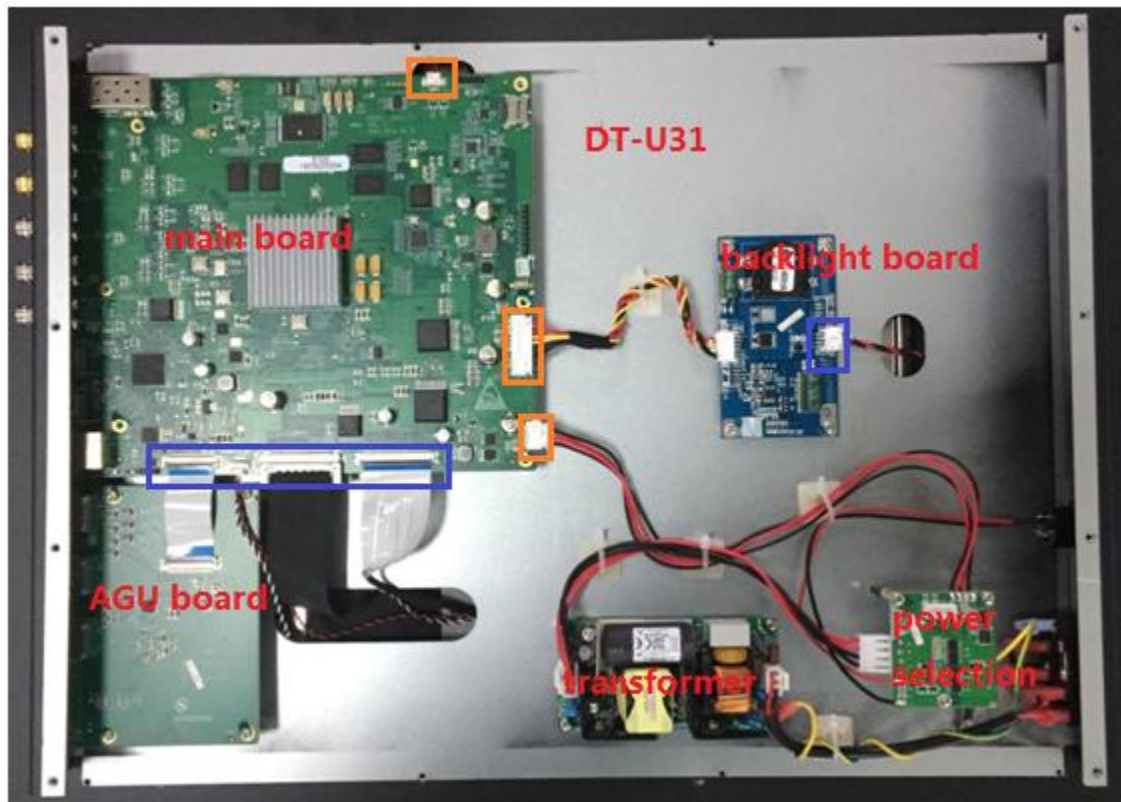


FIG. 12