TÜV Rheinland (China) Ltd.
Member of TÜV Rheinland Group

TÜVRheinland®
Precisely Right.

TPV Electronics (Fujian) Co., Ltd.
Mr. Xinliang Wu
RD-SE
Rongqiao Economic and
Technological Development Zone
Fuqing City, Fujian Province
P.R. China

Date : 10.01.2017
Our ref. : LINSTE ZJ
Your ref.: 1140031571

Ref : CB Certificate Japan

Type of Equipment : LCD Monitor
Model Designation : See Certificate
Certificate No. : JPTUV-067557-M2
Report No. : 17051182 003

Dear Mr. Xinliang Wu,

Thank you very much for your interest in our services.

Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body

Dipl.-Ing. (FH) C. Nasca

Enclosure

TÜV Rheinland (China) Ltd.
莱茵检测认证服务（中国）有限公司
Unit 707, AVIC Bldg., No. 10B, Central Road, East 3rd Ring Road, Chaoyang District, Beijing, 100022, P.R.China
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IEC IECEE CB SCHEME

Ref. Certif. No.

JPTUV-067557-M2

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product Produit	LCD Monitor
Name and address of the applicant Nom et adresse du demandeur	TPV Electronics (Fujian) Co., Ltd. Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province, P.R. China
Name and address of the manufacturer Nom et adresse du fabricant	TPV Electronics (Fujian) Co., Ltd. Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province, P.R. China
Name and address of the factory Nom et adresse de l'usine	See additional page(s)
Ratings and principal characteristics Valeurs nominales et charactéristiques principales	D.C. 20V; 3.25A or 2.25A or 4.5A; Class III
Trademark (if any) Marque de fabrique (si elle existe)	AOC
Type of Manufacturer's Testing Laboratories used Type de programme du laboratoire d'essais constructeur	N/A
Model / Type Ref. Ref. de type	315LM000**; **320********; *3286********; **322******** (* = 0-9, A-Z, a-z, -, \, /, + or blank)
Additional information (if necessary may also be reported on page 2) Les informations complémentaires (si nécessaire, peuvent être indiqués sur la 2ème page)	For model differences, refer to the test report. Re-issue of JPTUV-067557-M1 dated 05.02.2016, due to second modification.
A sample of the product was tested and found to be in conformity with Un échantillon de ce produit a été essayé et a été considéré conforme à la	IEC 60950-1:2005+A1+A2 See Test Report for National Differences
As shown in the Test Report Ref. No. which forms part of this Certificate Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat	17051182 003

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification

TÜVRheinland®

TÜV Rheinland Japan Ltd.
Global Technology Assessment Center
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Mail: info@jpn.tuv.com
Web: www.tuv.com

Date: 10.01.2017

Signature:

Dipl.-Ing. (FH) C. Nasca

1. TPV Display Technology (Wuhan)
   Co., Ltd.
   Unique No. 11, Zhuankou Development
   District of Economic Technological
   Development Zone, Wuhan City 430056, P.R. China

2. TPV Electronics (Fujian) Co., Ltd.
   Shangzheng, Yuan Hong Road
   Fuqing City, Fujian Province
   P.R. China

3. Envision Industry of Electronic
   Products Ltd.
   Rodovia Anhanguera S/N-KM 49
   Tijuco Preto-Jundiaí-SP-
   13.205-700, Brazil

4. L&T Display Technology (Fujian) Ltd.
   Optoelectronic Park, Rongqiao
   Economic and Technological
   Development Zone
   Fuqing, Fujian 350301, P.R. China

5. TPV Electronics (Fujian) Co., Ltd.
   Rongqiao Economic and
   Technological Development Zone
   Fuqing City, Fujian Province
   P.R. China

6. Trend Smart CE Mexico S de RL de CV
   Avenida Sor Juana Ines de la Cruz
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   22435 Tijuana Baja California
   MEXICO

7. TPV Display Technology (Beihai)
   Co., Ltd.
   China Electronic Beihai Industry
   Park, Northeast of the Crossing
   Between Taiwan Road and Jilin Road, Beihai City, Guangxi, P.R. China

8. TPV Technology (Qingdao)
   Co., Ltd.
   No.99 Huoju Road, High-tech
   Industrial Development Zone
   Qingdao City, Shandong Province, P.R. China

9. TPV Display Technology (China)
   Co., Ltd.
   No. 106 Jinghai 3 Rd., BDA
   Beijing City 100176
   P.R. China

Additional information (if necessary)
Information complémentaire (si nécessaire)

Report Ref. No.: 17051182 003

Date: 10.01.2017

Signature:

Dipl.-Ing. (FH) C. Nasca

10. Hefei Huntkey Display Technology
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South Jinxiu Road, East Qingtan Road
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11. TPV Electronics (Fujian) Co., Ltd.
Optoelectronic Park,
Rongqiao Economic and
Technological Development Zone,
Fuqing City, Fujian Province 350301, P.R. China

Additional information (if necessary)
Information complémentaire (si nécessaire)

Report Ref. No.: 17051182 003

Date: 10.01.2017

Signature:

Dipl.-Ing. (FH) C. Nasca

Test Report issued under the responsibility of:

TÜVRheinland®

TEST REPORT

IEC 60950-1

Information technology equipment – Safety – Part 1: General requirements

Report Number. .....:	17051182 003
Date of issue .....:	Jan. 09, 2017
Total number of pages.....:	15
Applicant's name.....:	**TPV Electronics (Fujian) Co., Ltd.**
Address .....:	Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province, P.R.China
Test specification:	
Standard .....:	IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013
Test procedure.....:	CB Scheme
Non-standard test method.....:	N/A
Test Report Form No.....:	IEC60950_1F
Test Report Form(s) Originator.....:	SGS Fimko Ltd
Master TRF .....:	Dated 2014-02

If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

General disclaimer:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.

Test item description .....:	LCD Monitor
Trade Mark .....:	AOC
Manufacturer.....:	Same as applicant
Model/Type reference .....:	315LM000**; **320********, *3286********, ****322******** (* can be 0-9, A-Z, a-z, –, \, /, + or blank, represent different enclosure colour and sales regions for marketing purpose only, no technical difference.)
Ratings .....:	I/P: 20V d.c., 3.25A or **20V d.c., 2.25A or 20V d.c., 4.5A**

Testing procedure and testing location:		
☒ CB Testing Laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.	
Testing location/ address .....:	East of F/1, F/2~F/4, Building 1, Cybio Technology Building No. 6 Langshan No.2 Road, North Hi-tech Industry Park 518057 Shenzhen Nanshan District CHINA	
☐ Associated CB Testing Laboratory:		
Testing location/ address .....:		
Tested by (name + signature) .....:	Steven Lin	
Approved by (name + signature) .....:	Aegean Li	
☐ Testing procedure: TMP/CTF Stage 1:		
Testing location/ address .....:		
Tested by (name + signature) .....:		
Approved by (name + signature) .....:		
☐ Testing procedure: WMT/CTF Stage 2:		
Testing location/ address .....:		
Tested by (name + signature) .....:		
Witnessed by (name + signature) .....:		
Approved by (name + signature) .....:		
☐ Testing procedure: SMT/CTF Stage 3 or 4:		
Testing location/ address .....:		
Tested by (name + signature) .....:		
Witnessed by (name + signature) .....:		
Approved by (name + signature) .....:		
Supervised by (name + signature).....:		

List of Attachments (including a total number of pages in each attachment):

- Photo documentation

Total number of pages in each attachment is indicated in individual attachment.

Summary of testing:

Tests performed (name of test and test clause):

name of test	test clause number
Input Current Test	1.6.2
Durability of Marking Test	1.7.11
SELV limits for normal conditions	2.2.2
SELV limits for abnormal conditions	2.2.3
Limited power source	2.5
Stability test	4.1
Maximum Temperature Test	4.5.2
Fault Condition Test	5.3
Note:	

EUT passed the tests.

Testing location:

All tests as described in Test Case and Measurement Sections were performed at the laboratory described on page 2.

Summary of compliance with National Differences

See original report 17051182 001 for National Differences.

Copy of marking plate

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.

Note: The above label represents labels for model names other than above covered by the model name. See others in original reports 17051182 001-002.

Test item particulars ..... :	
Equipment mobility ..... :	[x] movable (for unit with base stand) [] hand-held [] transportable [x] stationary (for unit without base stand) [] for building-in [] direct plug-in
Connection to the mains ..... :	[] pluggable equipment [] type A [] type B [] permanent connection [] detachable power supply cord [] non-detachable power supply cord [x] not directly connected to the mains
Operating condition ..... :	[x] continuous [] rated operating / resting time:
Access location ..... :	[x] operator accessible [] restricted access location
Over voltage category (OVC) ..... :	[] OVC I [] OVC II [] OVC III [] OVC IV [x] other: not directly connected to the mains.
Mains supply tolerance (%) or absolute mains supply values ..... :	N/A
Tested for IT power systems ..... :	[] Yes [x] No
IT testing, phase-phase voltage (V) ..... :	N/A
Class of equipment ..... :	[] Class I [] Class II [X] Class III [] Not classified
Considered current rating of protective device as part of the building installation (A) ..... :	N/A
Pollution degree (PD) ..... :	[] PD 1 [x] PD 2 [] PD 3
IP protection class ..... :	IPX0
Altitude during operation (m) ..... :	≤5000
Altitude of test laboratory (m) ..... :	<2000
Mass of equipment (kg) ..... :	approx. 7.42kg (base: 0.87kg)
Possible test case verdicts:	
- test case does not apply to the test object.....:	N/A
- test object does meet the requirement .....:	P (Pass)
- test object does not meet the requirement.....:	F (Fail)
Testing.....:	
Date of receipt of test item.....:	Dec. 12, 2016
Date(s) of performance of tests.....:	Dec. 25, 2016 - Jan. 05, 2017
General remarks:	
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report. **Throughout this report a ☐ comma / ☒ point is used as the decimal separator.**	

Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided.....:

☒ **Yes**

☐ **Not applicable**

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies).....: See original report 17051182 001 for factory list.

General product information:

Description of change(s):

1. Add new model name **322********, which is identical to original model except for type designation;
2. Add alternative construction B including below features, meanwhile original construction defined as type A:
   1) new rating 20V d.c., 2.25A;
   2) new adapter ADPC2045;
   3) new main board 715G8586 with VGA (x1) and DVI (x1);
   4) new converter board 715G8596;
   5) new plastic enclosure type B, meanwhile original plastic enclosure defined as type A;
   6) new metal enclosure type B, meanwhile original metal enclosure defined as type A;
   7) new base stand type B, meanwhile original base stand defined as type A.
3. Add alternative construction C including below features:
   1) new rating 20V d.c., 4.5A;
   2) new adapter ADPC2090;
   3) new main board 715G8722 with HDMI (x2), DP (x2), VGA (x1), audio input (x1), audio output (x1);
   4) new USB board 715G8384 with USB 3.0 output (x1), USB 3.0 fast charging (x1), USB 3.0 input (x1), audio in (x1) and audio out (x1);
   5) new plastic enclosure type B;
   6) new metal enclosure type C;
   7) new base stand type C.
4. Add alternative panel TPT315B*-****.* (TPV).

Table for construction details:

Construction	Construction A	Construction B	Construction C
Rating	20V d.c., 3.25A	**20V d.c., 2.25A**	**20V d.c., 4.5A**
AC Adapter	ADPC2065****	**ADPC2045**	**ADPC2090**
Main board	715G7982	**715G8586**	**715G8722**
Converter board	715G7900	**715G8596**	**N/A**
USB board	N/A	**N/A**	**715G8384**
Plastic enclosure	Type A	**Type B**	**Type B**
Metal enclosure	Type A	**Type B**	**Type C**
Base stand	Type A	**Type B**	**Type C**

For the above described change(s) the following was considered to be necessary :

Change	Testing	Comments
1.	N/A	See copy of marking plate for details.
2.-4.	See “summary of testing” on page 3 for details.	See following pages for details.

Definition of variable(s):

Variable:	Range of variable:	Content:
*	can be 0-9, A-Z, a-z, –, \, /, + or blank	represent different enclosure colour and sales regions for marketing purpose only, no technical difference

History of amendments and modifications:
Ref. No. 17051182 001 dated Nov. 16, 2015 (original test report)
Ref. No. 17051182 002 dated Feb. 05, 2016 (modification)
Ref. No. 17051182 003 dated Jan. 09, 2017 (modification)

Abbreviations used in the report:

- normal conditions	**N.C**.	- single fault conditions	**S.F.C**
- functional insulation	**OP**	- basic insulation	**BI**
- double insulation	**DI**	- supplementary insulation	**SI**
- between parts of opposite polarity	**BOP**	- reinforced insulation	**RI**

Indicate used abbreviations (if any)

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict
1.7	**Marking and instructions**		P
1.7.1	Power rating and identification markings	See below.	P
1.7.1.1	Power rating marking	See marking on Page 4 for details	P
	Multiple mains supply connections.....:		P
	Rated voltage(s) or voltage range(s) (V) .....:	See marking on Page 4 for details	P
	Symbol for nature of supply, for d.c. only .....:	See marking on Page 4 for details	P
	Rated frequency or rated frequency range (Hz) ....:	Class III equipment.	N/A
	Rated current (mA or A) .....:	See marking on Page 4 for details	P
1.7.1.2	Identification markings		P
	Manufacturer's name or trade-mark or identification mark .....:	See marking on Page 4 for details	P
	Model identification or type reference .....:	See marking on Page 4 for details	P
	Symbol for Class II equipment only .....:	Class III equipment.	N/A
	Other markings and symbols .....:	Additional symbol or marking does not give rise to misunderstanding.	P
1.7.2	Safety instructions and marking	English safety instruction provided.	P
1.7.11	Durability	The label was subjected to the permanence of marking test. The label was rubbed with cloth soaked with water for 15 sec. and then again for 15 sec. with the cloth soaked with petroleum spirit. After this test there was no damage to the label. The marking on the label did not fade. There was no curling or lifting of the label edge.	P

2.5	**Limited power sources**		**P**
	a) Inherently limited output		**N/A**
	b) Impedance limited output		**N/A**
	c) Regulating network or IC current limiter, limits output under normal operating and single fault condition		**N/A**
	Use of integrated circuit (IC) current limiters		**N/A**

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict
	d) Overcurrent protective device limited output	Test on main board 715G8722: Fuse F7001 limits the output of +19V, fuse F7002 limits the output of +19V_A, both in compliance with table 2C.	**P**
	Max. output voltage (V), max. output current (A), max. apparent power (VA).....:	(see appended table 2.5)	—
	Current rating of overcurrent protective device (A) .:	(see appended table 2.5)	—

4	**PHYSICAL REQUIREMENTS**		**P**
4.1	**Stability**		**P**
	Angle of 10°	No overturn. (Test by client's request)	**P**

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict

1.5.1	TABLE: list of critical components				P
Object/part no.	Manufacture/ trademark	Type/model	Technical data	standard	Mark(s) of conformity [1)]
LCD Panel	TPV	TPT320B*-****.* (* can be 0-9, A-Z, a-z, "-" or blank for marketing purpose only)	32 inch panel with LED backlight The declared power consumption is 47.35W and backlight input voltage is 50.4V in specification.	--	Tested in equipment
	TPV	**TPT315B*-****.* (* can be 0-9, A-Z, a-z, "-" or blank for marketing purpose only)**	**31.5 inch panel with LED backlight** **The declared power consumption is 35.14W and backlight input voltage is 47.6V in specification.**	**--**	**Tested in equipment**
AC/DC Adapter	TPV	ADPC2065****	I/P: 100-240Vac, 1.5A, 50-60Hz; O/P: DC 20V, 3.25A; 40°C, 5000m Comply with LPS	IEC 60950-1:2005 (Second Edition) + Am 1:2009	TUV CB (Certif. No. JPTUV-053819)
	TPV Electronics (Fujian) Co., Ltd.	**ADPC2045**	**I/P: 100-240Vac, 1.5A, 50-60Hz; O/P: DC 20V, 2.25A; 40°C, 5000m** **Comply with LPS**	**IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013**	**TUV CB (Certif. No. JPTUV-064333)**
	TPV Electronics (Fujian) Co., Ltd.	**ADPC2090**	**I/P: 100-240Vac, 1.3A, 50-60Hz; O/P: DC 20V, 4.5A; 40°C, 5000m**	**IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013**	**TUV CB (Certif. No. JPTUV-073931)**
Fuse F7001, F7002 (on main board 715G8722 for LPS)	**Littelfuse, Inc. Wickmann**	**382-series, 392**	**T4AL, 250Vac**	**IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1**	**VDE, UL**
	Littelfuse Phils. Inc.	**TE5 400 series**	**T4AL, 250Vac**	**IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1**	**VDE**
	Conquer	**MET series, MST series, PTU**	**T4AL, 250Vac**	**IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1**	**VDE, UL**
	Cooper Bussmann	**SR-5, SS-5**	**T4AL, 250Vac**	**IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1**	**VDE, UL**

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict

	Ever Island Electric Co., Ltd. & Walter Electric	**2000, 2010 series**	**T4AL, 250Vac**	**IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1**	**VDE, UL**
	Littelfuse Phils. Inc.	**877**	**T4AL, 250Vac**	**IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1**	**VDE, UL**

Note(s):

1. An asterisk indicates a mark that assures the agreed level of surveillance.

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict

1.6.2	TABLE: electrical data (in normal conditions)					P
U (V)	I (A)	Irated (A)	P (W)	Fuse #	Ifuse (A)	Condition/status
Test with main board 715G8586						
VGA mode						
20.3	1.94	2.25	39.4	--	--	Maximum normal load [1.]
DVI mode						
20.3	1.94	2.25	39.4	--	--	Maximum normal load [1.]
Test with main board 715G8722						
VGA mode						
20.3	2.76	4.5	56.0	--	--	Maximum normal load [2.]
HDMI mode						
20.3	2.97	4.5	60.3	--	--	Maximum normal load [2.]
DP mode						
20.3	2.97	4.5	60.3	--	--	Maximum normal load [2.]

Note(s):

1. Maximum normal load: maximum brightness, maximum contrast, full white screen, optimal resolution.
2. Maximum normal load: maximum brightness, maximum contrast, full white screen, optimal resolution; speakers loaded with 1KHz sinusoidal signal and turned to maximum volume; USB 3.0 port loaded 5V/0.9A; USB 3.0 fast charging port loaded 5V/1.5A.
3. Measured with panel TPT320B*-****.* (TPV) due to higher specified power consumption.

2.2	TABLE: Hazardous voltage measurement		P
Component (measured between)	max. voltage (V) (normal operation)		Voltage Limiting Components
	V peak	V d.c.	
Test with converter board 715G8596			
After D803 to earth (converter output)	--	40.7	
Test with main board 715G8722			
After D806 to earth (converter output)	--	41.0	
Fault test performed on voltage limiting components	Voltage measured (V) in SELV circuits (V peak or V d.c.)		
Test with converter board 715G8596			
D803 short	0 (CN806 pin 9,10 to earth)		
Test with main board 715G8722			
D806 short	0 (CN803 pin 9,10 to earth)		
Supplementary information:			

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict

2.5	TABLE: Limited power sources					P
Circuit output tested: See below.						
Note: Measured Uoc (V) with all load circuits disconnected:						
Components	Uoc (V)	I_{sc} (A)		VA		
		Meas.	Limit	Meas.	Limit	
Test with main board 715G8722 and adapter ADPC2090						
Location: +19V output						
Normal condition	20.1	5.3	49.7 (40)	106.3	250	
Location: +19V_A output						
Normal condition	20.1	5.3	49.7 (40)	106.3	250	
Supplementary information: 1. Input Voltage is 240Vac, 60Hz. s-c=Short circuit, o-c=Open circuit. 2. +5V output with fuse that will break the circuit within 120 s with a current equal to 210 %. Current limit of table 2C reduced to breaking capacity of the fuse (40A).						

4.5	TABLE: Thermal requirements		P
	Supply voltage (V)	20Vdc	—
	Ambient T_{min} (°C)	--	—
	Ambient T_{max} (°C)	--	—
Maximum measured temperature T of part/at.....:		T (°C)	Allowed T_{max} (°C)
Test with converter board 715G8596 and main board 715G8586			
DC inlet CN701 (on converter board)		37.6	
PCB near C701 (on converter board)		40.1	
PCB near L706 (on converter board)		41.2	
PCB near L801 (on converter board)		49.4	
PCB near Q802 (on converter board)		48.5	
PCB near main IC U401 (on main board)		47.1	
Metal enclosure		30.6	
Panel surface		29.4	
Ambient		19.2	
Test with main board 715G8722			
DC inlet CN701 (on main board)		37.9	
PCB near C822 (on main board)		40.3	
PCB near L802 (on main board)		48.7	
PCB near Q801 (on main board)		44.5	

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict

PCB near U802 (on main board)	46.0	
PCB near main IC U401 (on main board)	44.5	
PCB near U601 (on main board)	34.1	
Metal enclosure	26.8	
Panel surface	30.6	
Ambient	17.7	

Supplementary information:

Temperature T of winding:	t_1 (°C)	R_1 (Ω)	t_2 (°C)	R_2 (Ω)	T (°C)	Allowed T_{max} (°C)	Insulation class

Supplementary information:

1. The temperatures were measured under the worst case normal mode defined in 1.2.2.1 and as described in sub-clause 1.6.2 at voltages as described above.
2. With a specified ambient temperature of 40°C. Temperature limits are calculated as follows:

   Components with maximum absolute temperature:

   - Tmax = Tmax of component - 40 + Tamb

5.3	TABLE: Fault condition tests		P
	Ambient temperature (°C) .....:		—
	Power source for EUT: Manufacturer, model/type, output rating .....:		—

Component No.	Fault	Supply voltage (V)	Test time	Fuse #	Fuse current (A)	Observation
Test with converter board 715G8596						
C701	s-c	20Vdc	5 min	--	--	Unit shut down, no hazard.
C744	s-c	20Vdc	5 min	--	--	Unit shut down, no hazard.
Q801 pin G-S	s-c	20Vdc	5 min	--	--	Unit shut down, no hazard.
D803	s-c	20Vdc	5 min	--	--	Unit shut down, no hazard.
L801	s-c	20Vdc	5 min	--	--	Unit shut down, no hazard.
Test with main board 715G8722						
C705	s-c	20Vdc	5 min	--	--	Unit shut down, no hazard.
C822	s-c	20Vdc	5 min	--	--	Unit shut down, no hazard.
Q801 pin G-S	s-c	20Vdc	5 min	--	--	Unit shut down, no hazard.
D803	s-c	20Vdc	5 min	--	--	Unit shut down, no hazard.
L802 pin 1-2	s-c	20Vdc	5 min	--	--	Unit shut down, no hazard.

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict

Supplementary information:

1. In fault column, where s-c=short-circuited.

Product: LCD Monitor

Type Designation: 315LM000**; **320********, *3286********, **322********

Figure 1. Overview of construction B with main board 715G8215

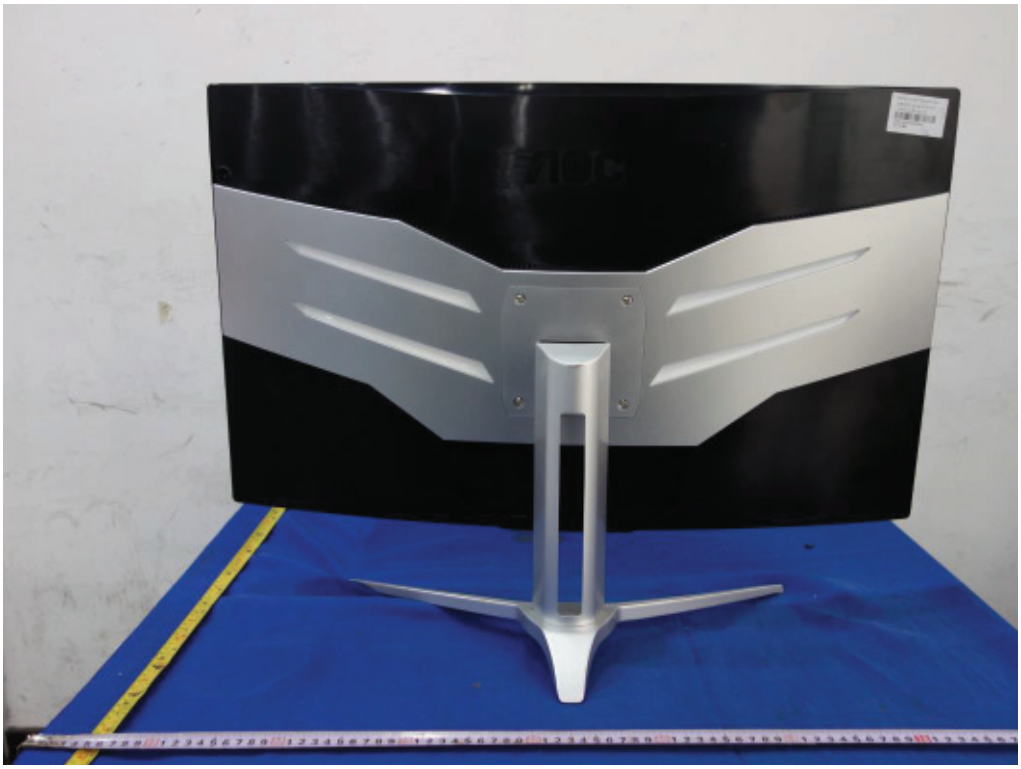

Figure 2. Overview of construction B with main board 715G8215

Product: LCD Monitor

Type Designation: 315LM000**; **320********, *3286********, **322********

Figure 3. Overview of construction B with main board 715G8215

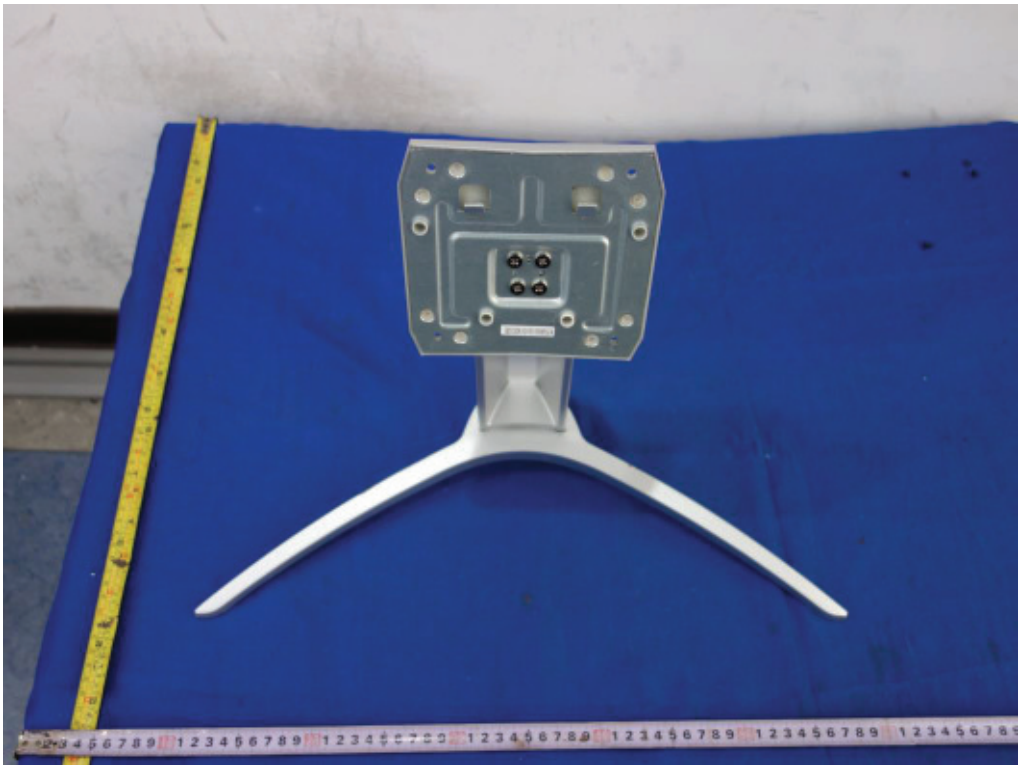

Figure 4. Base stand type B

Product: LCD Monitor

Type Designation: 315LM000**; **320********, *3286********, **322********

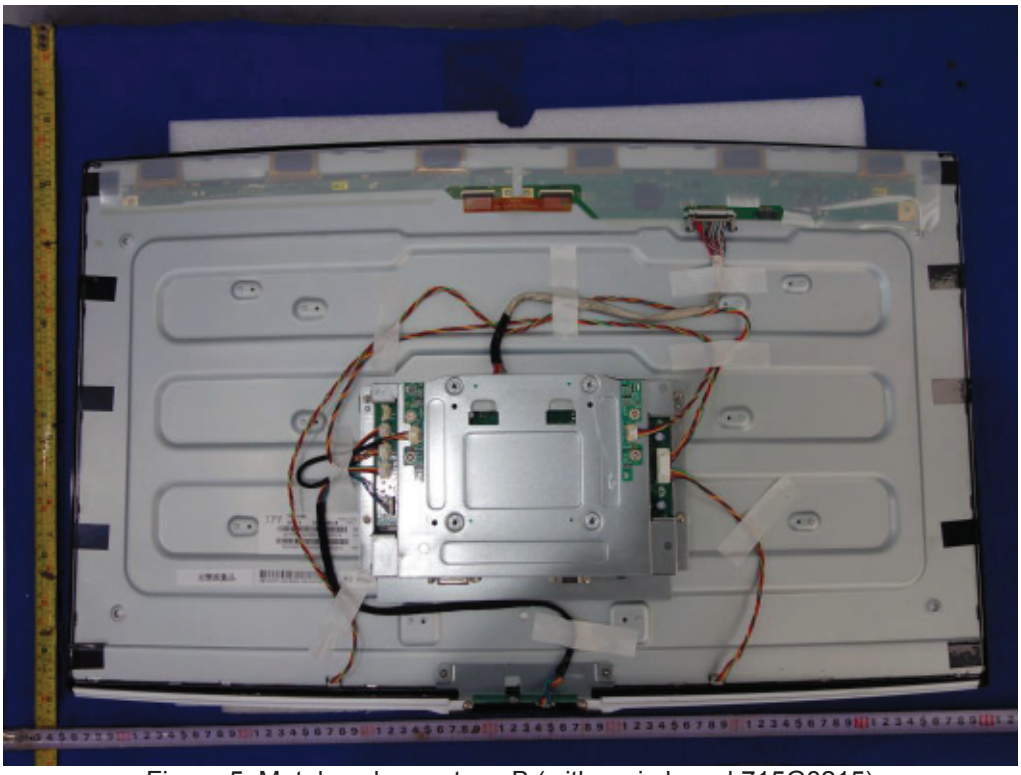

Figure 5. Metal enclosure type B (with main board 715G8215)

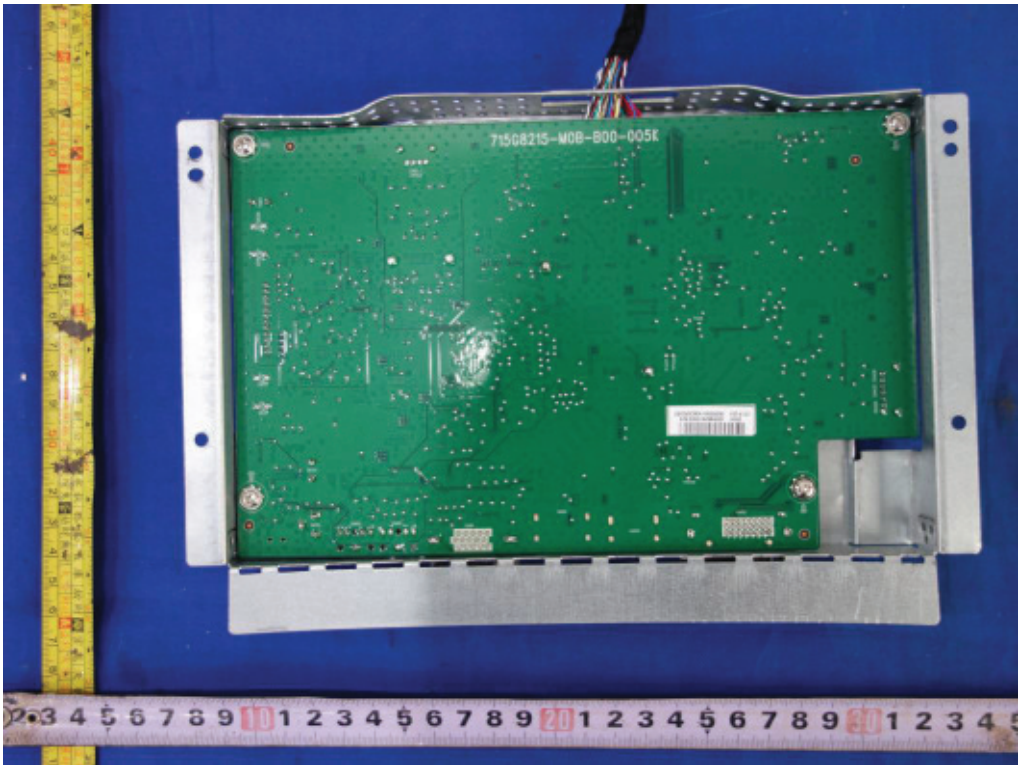

Figure 6. Metal enclosure type B (with main board 715G8215)

Product: LCD Monitor

Type Designation: 315LM000**; **320********, *3286********, **322********

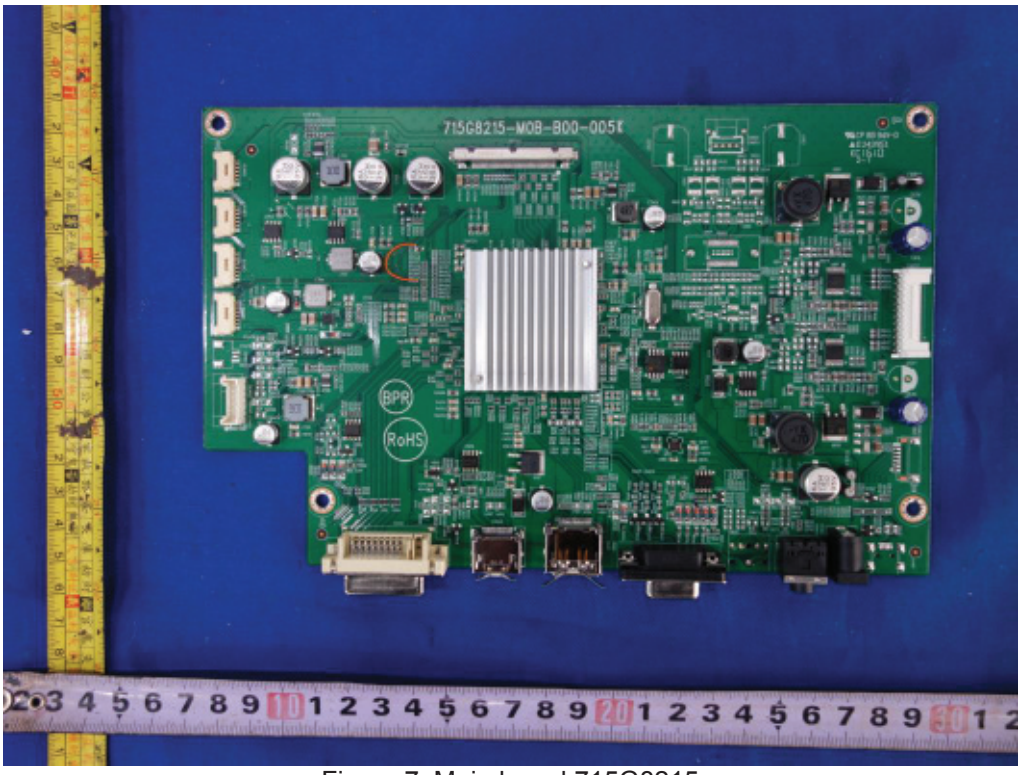

Figure 7. Main board 715G8215

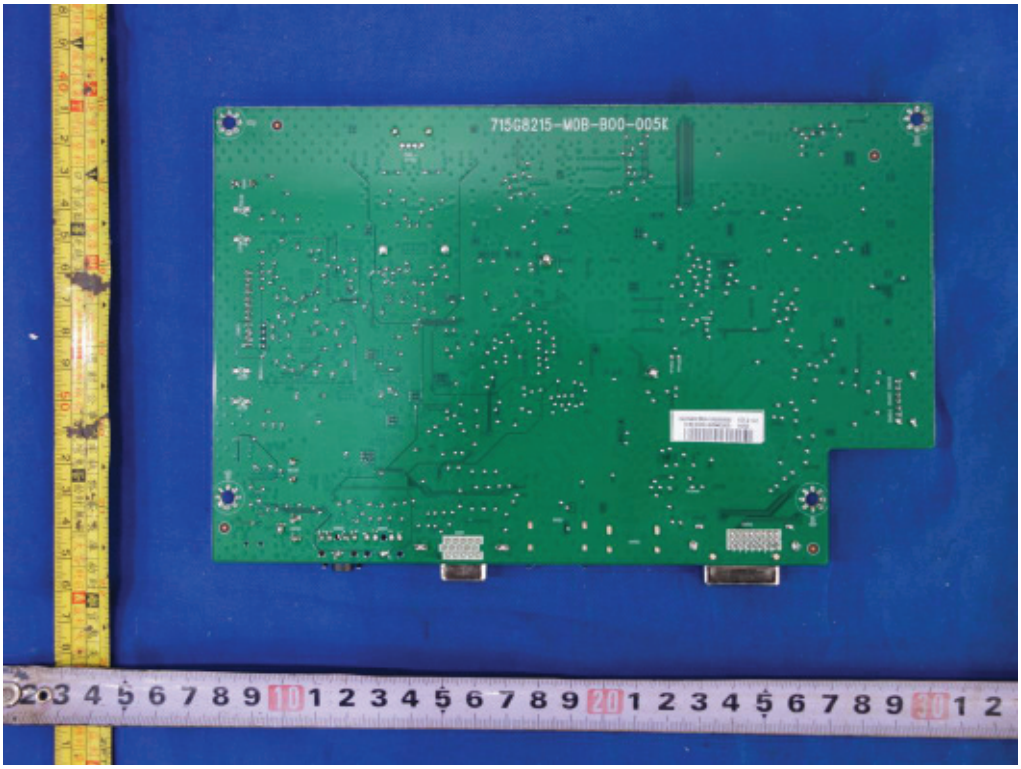

Figure 8. Main board 715G8215

Product: LCD Monitor

Type Designation: 315LM000**; **320********, *3286********, **322********

Figure 9. Overview of construction B with main board 715G8586

Figure 10. Overview of construction B with main board 715G8586

Product: LCD Monitor

Type Designation: 315LM000**; **320********, *3286********, **322********

Figure 11. Metal enclosure type B with main board 715G8586

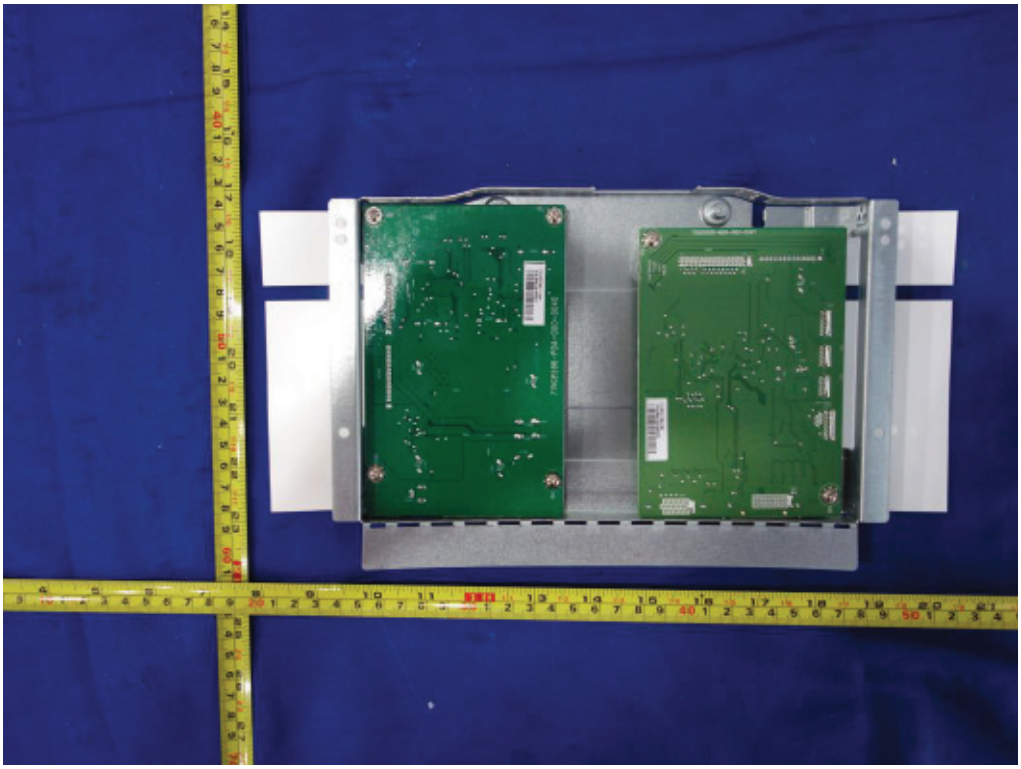

Figure 12. Metal enclosure type B with main board 715G8586

Product: LCD Monitor

Type Designation: 315LM000**; **320********, *3286********, **322********

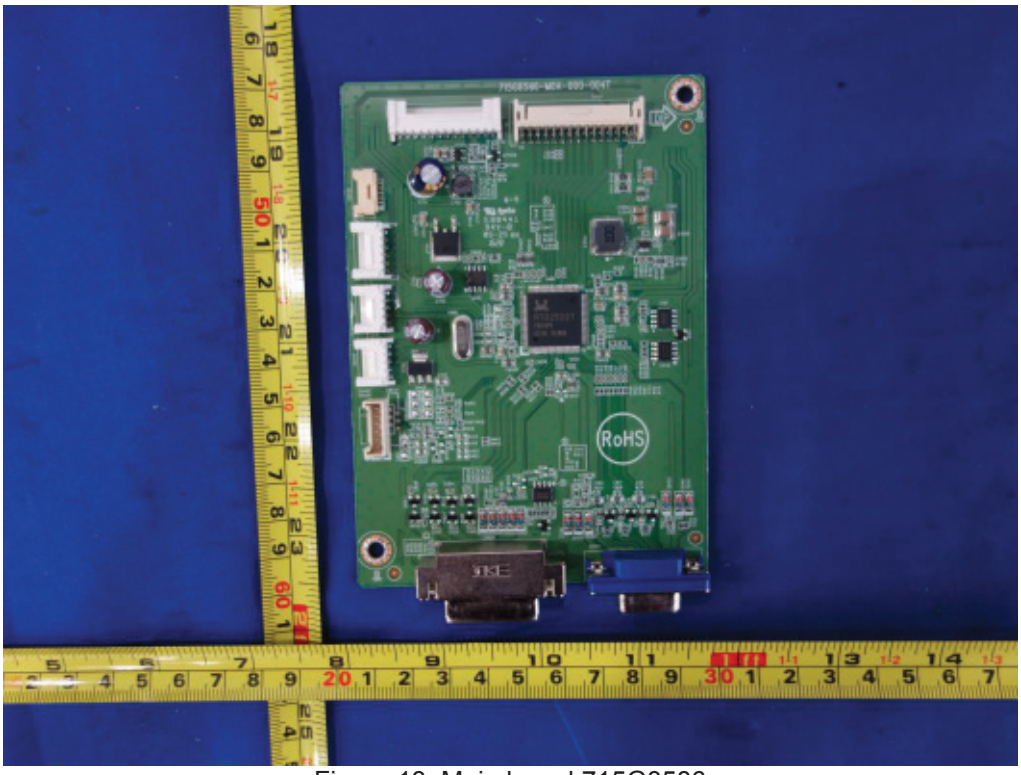

Figure 13. Main board 715G8586

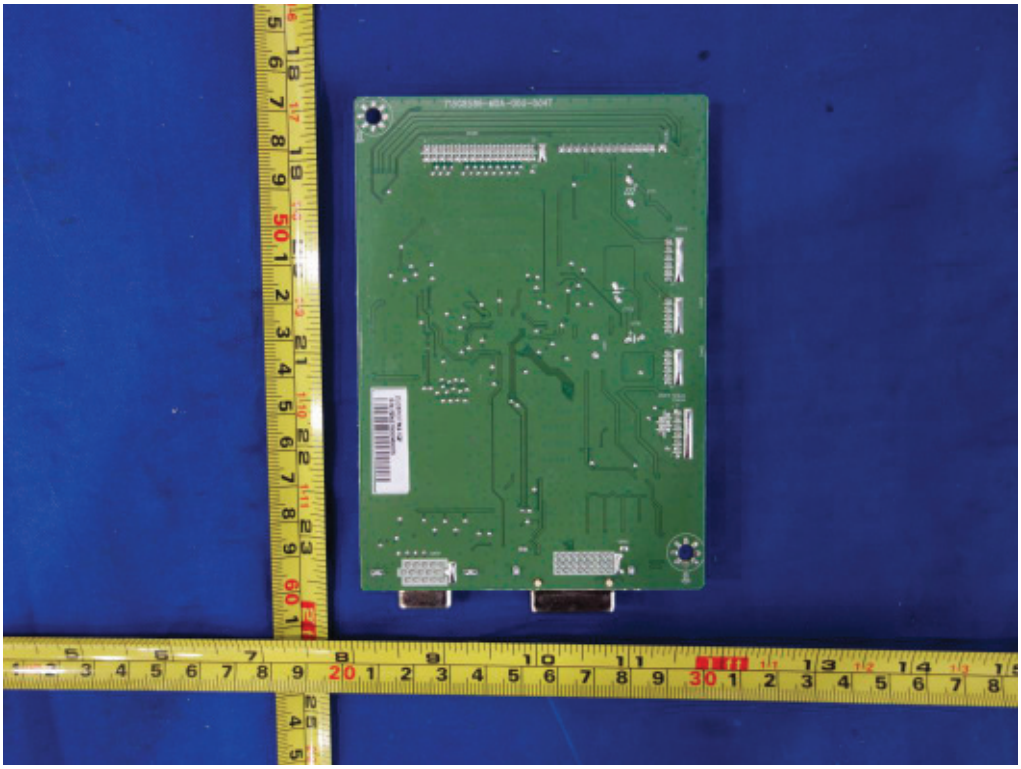

Figure 14. Main board 715G8586

Product: LCD Monitor

Type Designation: 315LM000**; **320********, *3286********, **322********

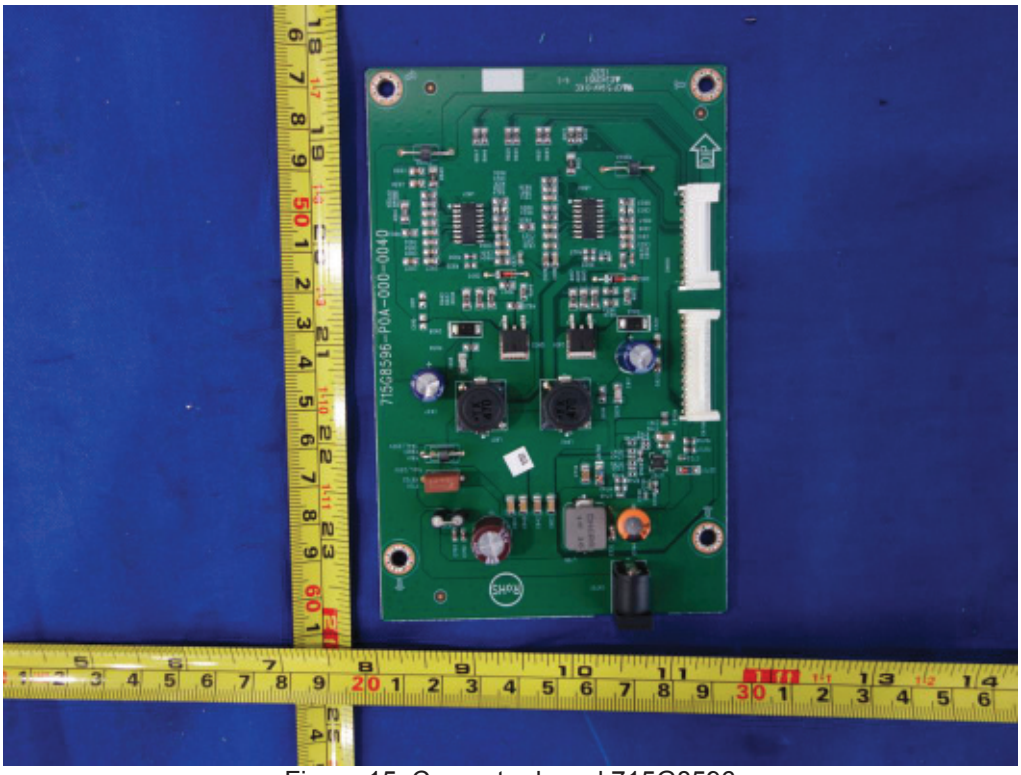

Figure 15. Converter board 715G8596

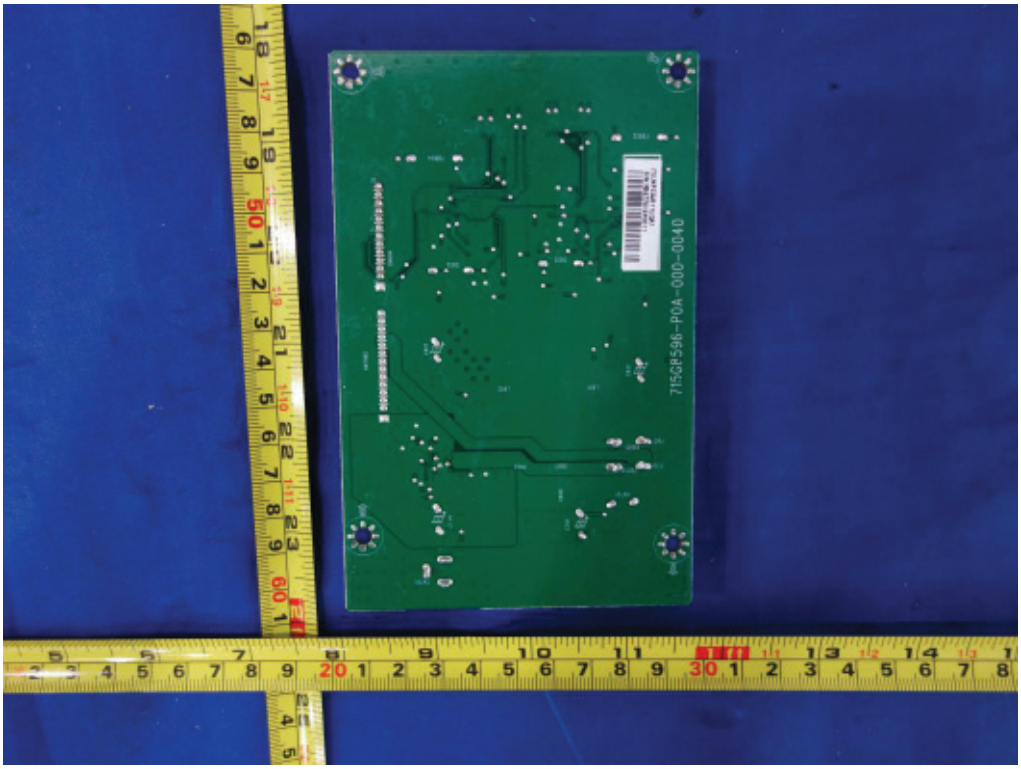

Figure 16. Converter board 715G8596

Product: LCD Monitor

Type Designation: 315LM000**; **320********, *3286********, **322********

Figure 17. Overview of construction C

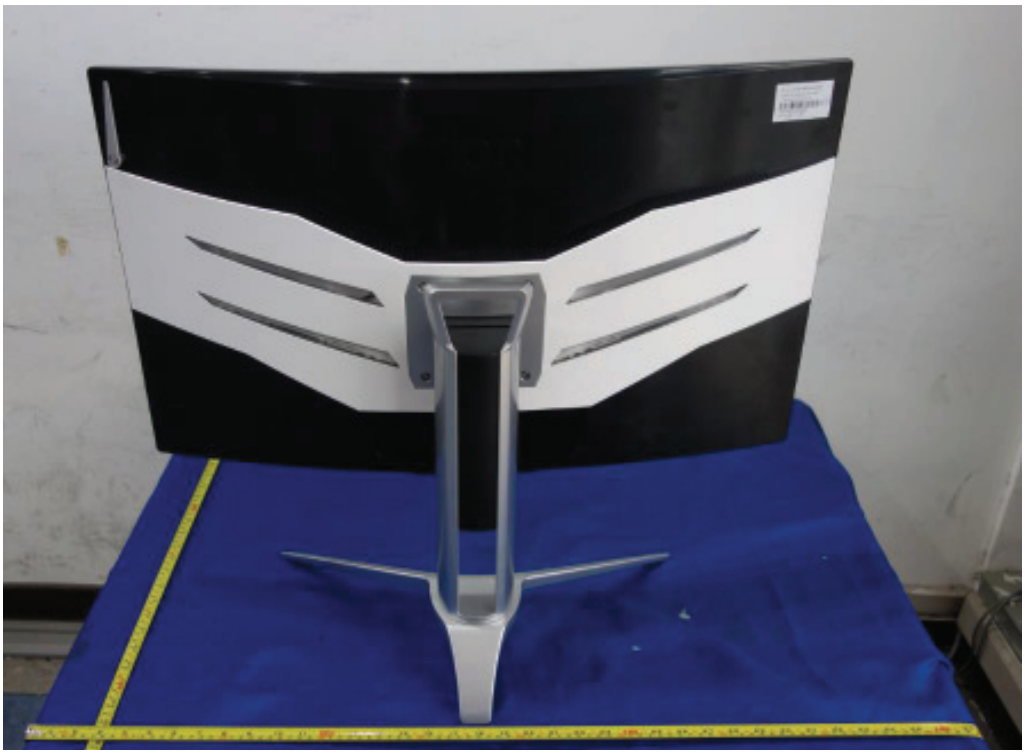

Figure 18. Overview of construction C

Product: LCD Monitor

Type Designation: 315LM000**; **320********, *3286********, **322********

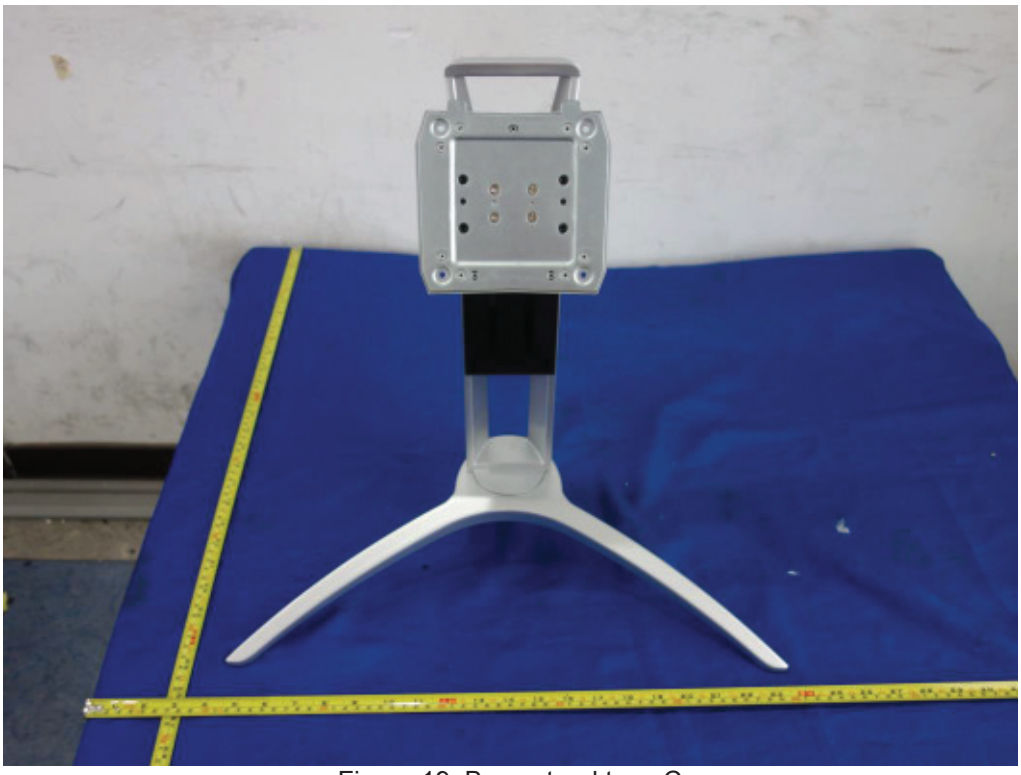

Figure 19. Base stand type C

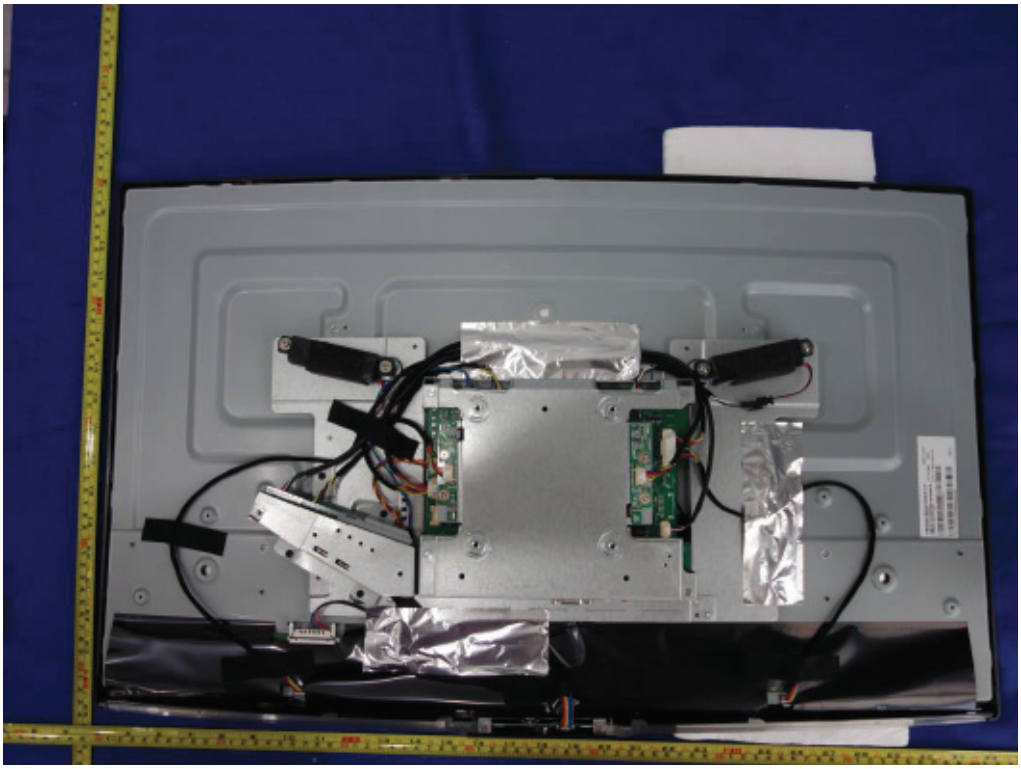

Figure 20. Metal enclosure type C

Product: LCD Monitor

Type Designation: 315LM000**; **320********, *3286********, **322********

Figure 21. Metal enclosure type C

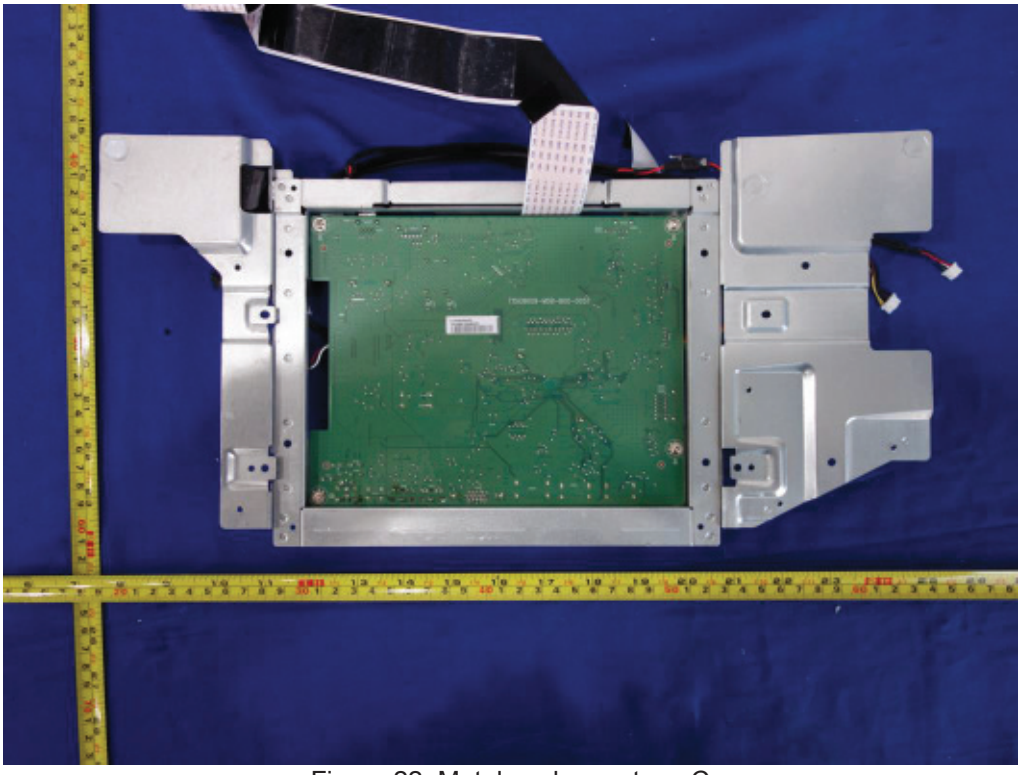

Figure 22. Metal enclosure type C

Product: LCD Monitor

Type Designation: 315LM000**; **320********, *3286********, **322********

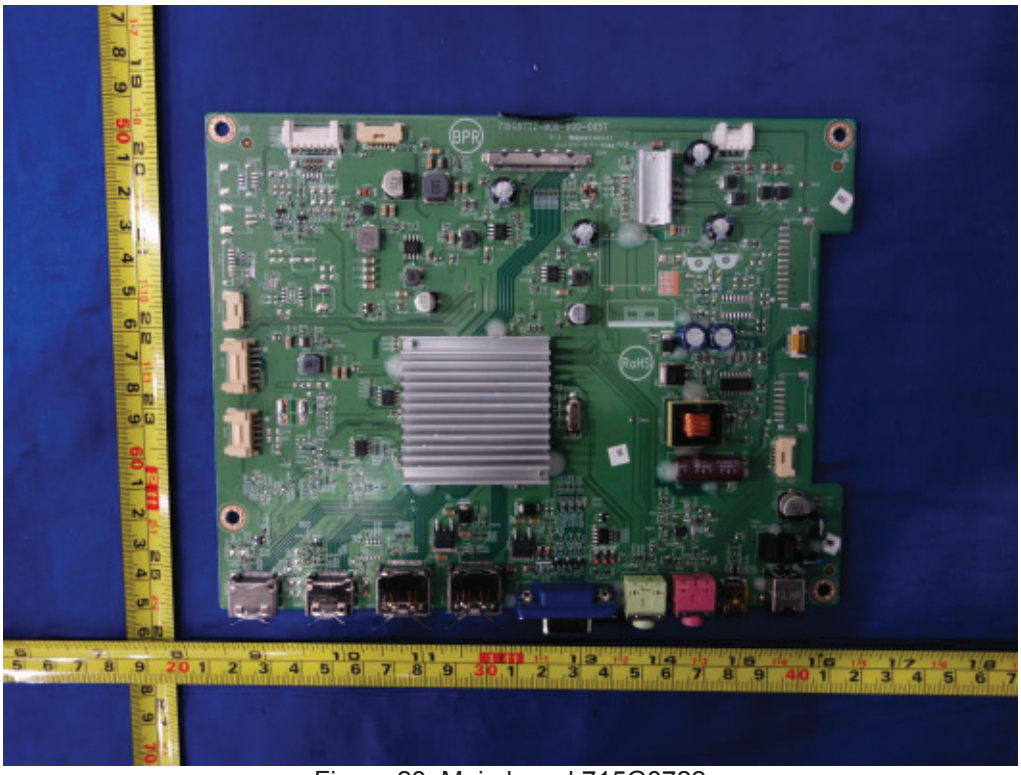

Figure 23. Main board 715G8722

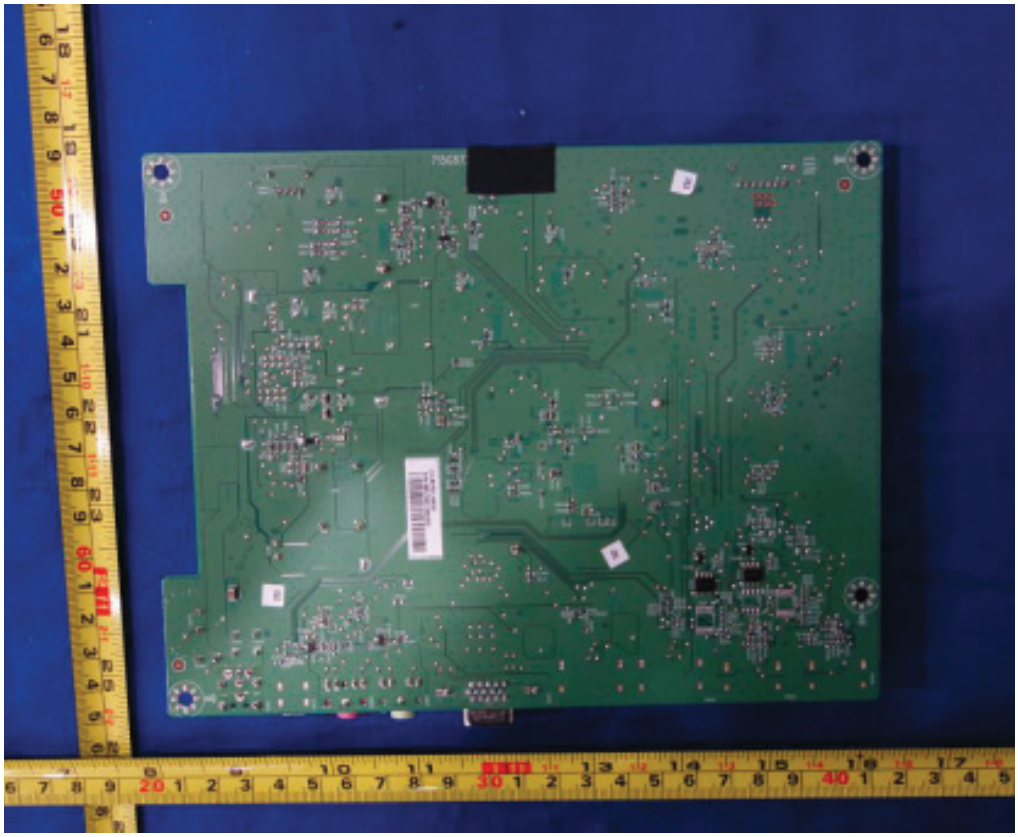

Figure 24. Main board 715G8722

Product: LCD Monitor

Type Designation: 315LM000**; **320********, *3286********, **322********

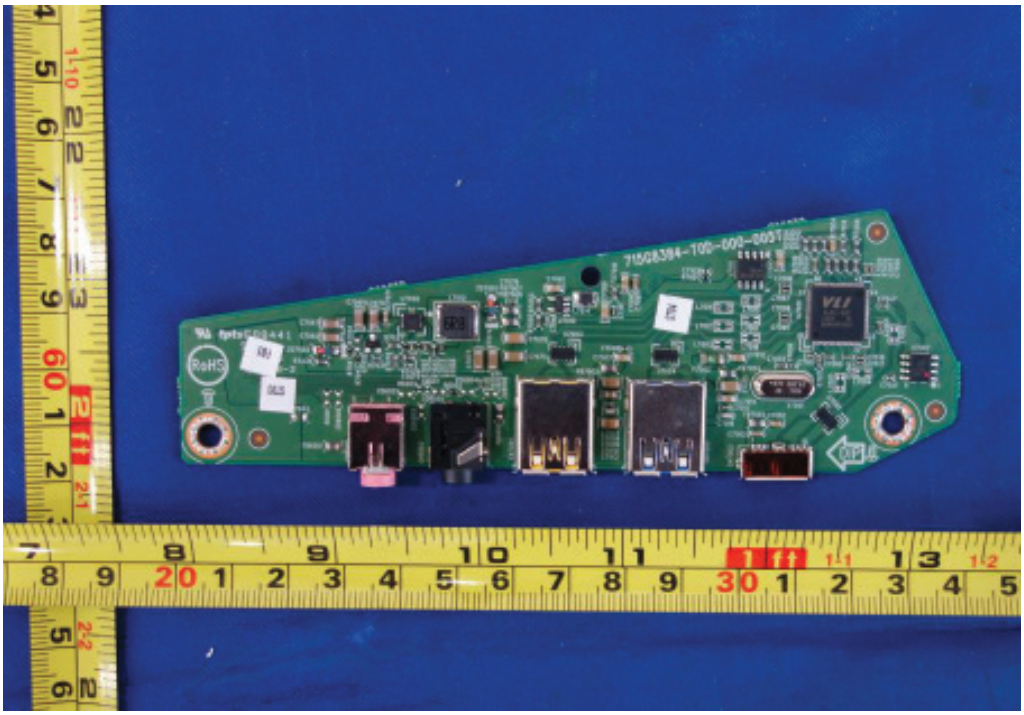

Figure 25. USB board 715G8384

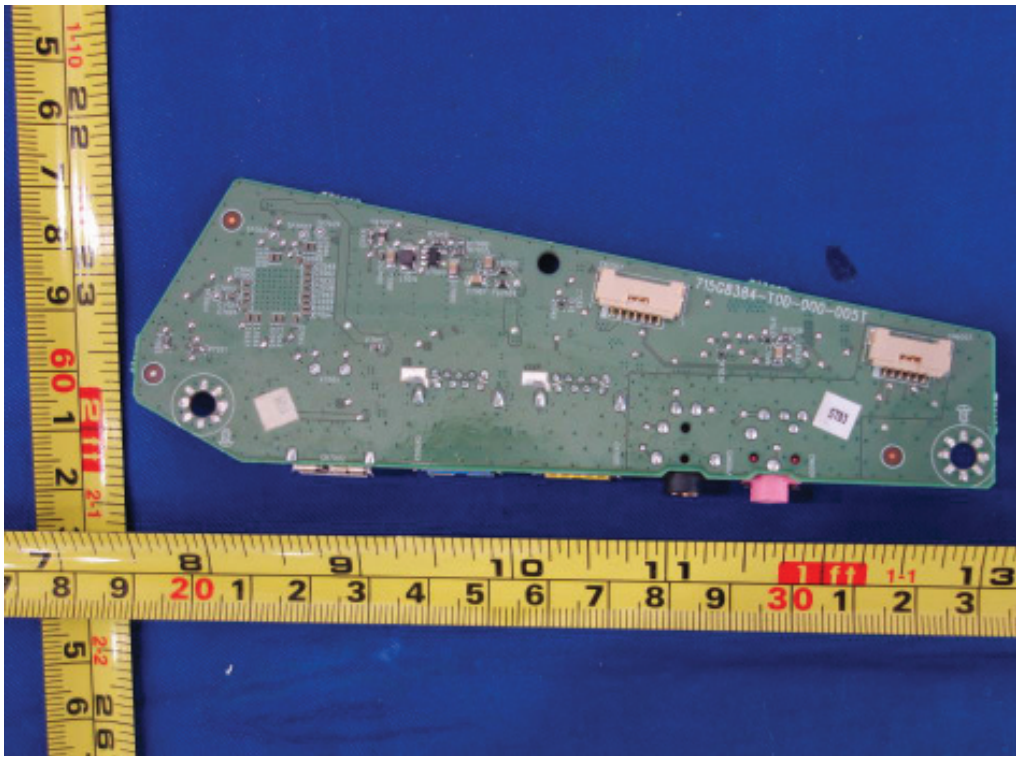

Figure 26. USB board 715G8384