

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

Our ref.: 168557918

Date: 16-Jun-2025

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Approval of modification for:

Product : LCD Monitor
Model : 24E4U, 24P4U, 24E4CV, 24E4*****, 24P4*****,
Q24E4*****, Q24P4*****, U24E4*****,
U24P4***** (The symbol "*" can be 0-9, A-Z, a-z, "+", "-", "/", "\",
sign absence or blank, which is not influencing on safety.)
(Trademark: AOC)
Certificate no. : S 50675582 0001
Report no. : CN25A8TR 002
Test requirement : EN IEC 62368-1:2020+A11:2020
EK1-ITB 2000: 2025
EK1 527-12 Rev.2
AfPS GS 2019:01 PAK clause 3.1

Dear Sir/Madam,

We hereby approve your product modification as described below:

- 1) Added one alternative main board 715GF350.
- 2) Added two alternative power board 715GD178 and 715GF467.
- 3) Added three alternative Plastic enclosure sources.
- 4) Added one alternative X-Cap source
- 5) Update the list of sources for Power Switch with Flag source on main board.

We appreciate your kind support and would like to offer our assistance and continuous service in the future.

TUV Rheinland (Shenzhen) Ltd.
Electrical Fujian

Solina Zhao
Project Engineer

Anderson Wang
Technical Certifier

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Object/part no.	Manufacturer/ Trademark	Type/Model	Technical Data	Standard	Mark(s) of Conformity
Plastic enclosure	Orinko Advanced Plastics Co., Ltd	ABS-3070H, HIPS-2000, ABS-340(X)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E328304 and test with appliance
Alt	CHI MEI CORPORATION	PA-757(+), PC-345(+)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E56070 and test with appliance
Alt	CHI MEI CORPORATION	PA-756S	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E56070 and test with appliance
Alt	CHI MEI CORPORATION	PC-540H, PC-540(Y)(a)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E56070 and test with appliance
Alt	LG CHEM LTD	XG569(#)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E67171 and test with appliance
Alt	LG CHEM LTD	GP1000, GP1000(Z), AF312T, AF365(&), HF350, HF380	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E67171 and test with appliance
Alt	GRAND PACIFIC PETROCHEMICAL CORP	D-150	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E88637 and test with appliance
Alt	INEOS Styrolution Polymers (Foshan) Company Limited	3441	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E314268 and test with appliance
Alt.	INEOS Styrolution Polymers (Foshan) Company Limited	260-XX	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E314268 and test with appliance

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Alt.	HUIZHOU WOTE ADVANCED MATERIALS CO LTD	2100	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E310240 and test with appliance
Alt.	SABIC JAPAN L L C	C6600(GG)(X)(V S)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E207780 and test with appliance
Alt.	KINGFA SCI & TECH CO LTD	CK-61(M) (##), GAR-011(II)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E171666 and test with appliance
Alt.	KINGFA SCI & TECH CO LTD	5197, 4418, HIPS-4418, HIPS-5197, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E171666 and test with appliance
Alt.	KINGFA SCI & TECH CO LTD	GAR-011C, HP-126, ABS-660, ABS-122, GAR-332, H12, G360, GAR-322, GAR- 220, GAR-011, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR- 011(ww)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E171666 and test with appliance
Alt.	UNIC TECHNOLOGY CORP	UR-3006+(R35), UR-3006+(R90), UR-3006+(RXX), UR-200+, UP-700+	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E135175 and test with appliance
Alt.	PONTEX POLYBLEND CO LTD	AFE5000N, AFE5100N, 9004BK	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E205938 and test with appliance

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Alt.	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA65, GA85, GA35, GC(t), GA1(e), GA(M)(b)(c), AO(t), AO8505	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E359575 and test with appliance
Alt.	SHENZHEN FUHENG NEW MATERIAL CO LTD	HIPS-568	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E234833 and test with appliance
Alt.	LOTTE CHEMICAL CORPORATION	ABF-0200E, SD-0150(+), NH- 1017SG(+), BF-0670(+), NH-1017(p), HG-0760(+), LX-0957(+)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E115797 and test with appliance
Alt.	LOTTE CHEMICAL CORPORATION	BF-0677(+), BF-0675(+), GC-0700(+++), LX-0951(+)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E115797 and test with appliance
Alt.	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-HG, HRABS-RS	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E230779 and test with appliance
Alt.	GUO HENG(DONGGU AN) PLASTIC TECHNOLOGY CO LTD	YOUHO(####)(Y), YOUHO(1302)(B), YOUHO(1303)(B), YOUHO(1304)(B), YOUHO(1333)(B), YOUHO(1303)(OP) , YOUHO13(##)(YY) , YOUHO1312B	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E471190 and test with appliance

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Alt.	RUNYE(CHONG QING) NEW MATERIALS CO.,LTD	GU-022	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E514505 and test with appliance
Alt.	RUNYE(CHONG QING) NEW MATERIALS CO.,LTD	Ecorex® RN - +(R #)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E514505 and test with appliance
Alt.	TEIJIN CHEMICALS PLASTIC COMPOUNDS SHANGHAI LTD	MN-3600H(#)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E244324 and test with appliance
Alt.	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E98529 and test with appliance
Alt.	UNIC TECHNOLOGY CORP	UR-7085+(R90)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E135175 and test with appliance
Alt.	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	AO(t)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E359575 and test with appliance
Alt.	GuangDong TPIPLASTIC Co Ltd	ABS 810R(**)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E529703 and test with appliance
Alt.	UNIC TECHNOLOGY CORP	UR-3006(R95)	HB, thickness min. 1.5mm	UL 94 IEC/EN62368-1	UL E135175 and test with appliance
Power Switch with Flag on main board	DIODES INC	AP2171DWG-7	Single channel / Dual channel: 0.5 A – 1.5A. 2.7 – 5.5 Vdc.	IEC 62368-1:2014	Nemko CB (Cert. No. NO107539)

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Alt.	DIODES INC	AP22814AW5-7	Input Voltage: 2.7 - 5.5Vdc Output Continuous Rating: 3.0A Output Current Limit: 3.8A Operating Temperature: -40C to 85C	IEC 62368-1:2014	CB issued by UL (Cert. No. US-34018-UL)
Alt.	DIODES INC	AP2552. AP2552A. AP2553. AP2553A	Input Voltage: 2.7 - 5.5 Vdc Output Continuous Rating: 0 - 2.1 A Output Current Limit: 104 - 3020 mA Ambient: -40 to 85°C	IEC 62368-1:2014	CB issued by UL (Cert. No. US-34481-UL)
Alt.	ANPEC Electronics Corp	APL3510 series. APL3511 series	Input voltage 2.7-5.5Vdc Output Rating: 2.0A max. Output current limit: 2.9A max.	IEC 62368-1:2014	CB issued by UL (Cert. No.: DK 89312-UL)
Alt.	ANPEC Electronics Corp	APL3553ABI-TRG	Input Voltage: 2.7-5.5 Vdc Output Continuous Rating: 2.0A Current Limit Rating: 2.9A	IEC 62368-1:2014 (Second Edition)	CB issued by UL cert No. DK 87208-UL. CB issued by UL cert No. DK-87208-M1-UL)
Alt.	ANPEC Electronics Corp	APL3553 series. APL3555 series	Input voltage 2.7-5.5Vdc Output Rating: 2.0A max. Output current limit: 3.9A max.	IEC 62368-1:2018	CB issued by UL cert No. DK-114539-M1-UL

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Alt.	ANPEC Electronics Corp	APL3553DBI-TRG. APL3553BBI-TRG. APL3553GCI TRG. APL3553CBI TRG	Input Voltage Range (Vdc): 2.7-5.5 Number of Outputs: 1 Operational Current Rating per output (A): 2.0A Overcurrent Protection Current Rating per output (A):2.9A Maximum ambient temperature(°C): -40 to 85	IEC 62368-1:2014	CB issued by UL. Cert No. DK-87208-M1-UL
Alt.	SILERGY TECHNOLOGY (TAIWAN) INC	SY6861A1AAC SY6861A. SY6861B. SY6861B1ABC	Input Voltage: VIN=2.5 to 5.5Vdc Output Continuous Rating: 3.0A Current Limit Rating: 4.43A	IEC 62368-1:2014	CB issued by UL cert No. DK87012-UL
Alt.	TIANSUI HUATIAN TECHNOLOGY CO LED	SY6288D20AAC	Overcurrent protection rating: 3.5A	IEC/EN 60950-1: 2014	CB issued by UL (Certif. No.DK-86482-UL)
Alt.	SILERGY TECHNOLOGY (TAIWAN) INC	SY6863B4ABC SY6863A. SY6863B	Input Voltage: VIN = 2.5 to 5.5 Vdc Output Continuous Rating: 0.1 to 3 A	IEC 60950-1(ed.2). IEC 60950-1(ed.2);am1. IEC 60950-1(ed.2);am2	CB issued by UL (Certif. No. DK-64454-A1-UL)

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Alt.	JOULWATT TECHNOLOGY CO LIMITED	JW7115SA 2SOTA#TRPBF. JW7115SA 2TSOTA#TRPBF. JW7115SASOTA# TRPBF. JW7115SSOTA#T RPBF. JW7115SA 2.5SOTA#TRPBF. JW7115SA 2.5TSOTA#TRPB F. JW7115SA 1SOTA#TRPBF. JW7111SSOTB#T RPBF. JW7111SDFNB#T RPBF. JW7111SASOTB# TRPBF. JW7111SADFNB# TRPBF.	Vin: 2.7-5.5Vdc. Vout: 2.7-5.5Vdc. Iout: 2.0-2.4A.	IEC 62368- 1:2014	CB issued by UL (E497605- A6001-CB 1
Alt.	Global Mixed mode Technology Inc.	G518B1TP1U. G518 Series. G517G1TO1U. G517D1T11U. G524B1T11U. G517 Series. G524 Series	Input Voltage: 2.7-5.5Vdc Output Condition Rating: 3A. Current Limit Rating: 4A	IEC 62368- 1:2018	TUV CB (Certif. No. JPTUV 127262)
Alt.	Global Mixed mode Technology Inc.	G*509**X1X2X3X 4X5 (* = Nil or one of alphabet from A to Z.; ** = H.L.S.N; X1 = 02.05.10.1S.2 0.2S.25.30.3S.3A; X2 = D.N.R.L; X3 = T1.T7.TB.TO. TP.TR.P8; X4 = 1.2.3; X5 = U.D.G.C)	DC 2.7V – 5.5V; 3A Max.; Class III	IEC 62368- 1:2018	TUV CB (Certif. No. JPTUV 126218)

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Alt.	SILERGY TECHNOLOGY (TAIWAN) INC	SY8665DTTQ	Input Voltage: PVIN = 4.7 – 26.5 Vdc Output Continuous Rating: VBUS = 4.0 A Current Limit Rating: VBUS = 5.0 A	IEC 62368-1:2018	CB issued by UL (Certif. No. DK-127444-M1- UL)
Switching mode power supply board: 715G7610 by TPV					
X- Cap. (C9901) (X2 or X1 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.33µF, 250Vac min.; 110°C min.	UL 60384-14 CAN/CSA-E60384-1 (2003) CAN/CSA-E60384-14 (2009)	VDE 40015608 UL E183780
Alt.	Europtronic	MPX	Max. 0.33µF, 250Vac min.; 110°C min.	UL 60384-14 CAN/CSA-E60384-1 (2003) CAN/CSA-E60384-14 (2009)	VDE 40018238 UL E211347
Alt.	Europtronic	MPX2	Max. 0.33µF, 250Vac min.; 110°C min.	UL 60384-14 CAN/CSA-E60384-1 (2003) CAN/CSA-E60384-14 (2009)	VDE 40025981 UL E211347
Alt.	XIAMEN FARATRONIC CO LTD	MKP62	Max. 0.33µF, 250Vac min.; 110°C min.	UL 60384-14 CAN/CSA-E60384-1 (2003) CAN/CSA-E60384-14 (2009)	VDE 40000358 UL E186600
Alt.	KEMET ELECTRONICS ITALIA SRL	R.46	Max. 0.33µF, 250Vac min.; 110°C min.	UL 60384-14 CAN/CSA-E60384-1 (2003) CAN/CSA-E60384-14 (2009)	ENEC V4413 UL E97797

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Alt.	LIOW GU ELECTRONICS Industry Co Ltd	GS-L	Max. 0.33 μ F, 250Vac min.; 110°C min.	UL 60384-14 CAN/CSA- E60384-1 (2003) CAN/CSA- E60384-14 (2009)	VDE 40023391 UL E186321 ENEC HN 69291428
Alt.	EPCOS	B3292#	Max. 0.33 μ F, 250Vac min.; 110°C min.	UL 60384-14 CAN/CSA- E60384-1 (2003) CAN/CSA- E60384-14 (2009)	VDE 40010694 UL E97863
Alt.	NANJING TENGGEN RONG GUANG DA ELECTRONIC SALES CO LTD	MKP	Max. 0.33 μ F, 250Vac min.; 110°C min.	UL 60384-14 CAN/CSA- E60384-1 (2003) CAN/CSA- E60384-14 (2009)	VDE 40049725 UL E502081
Alt.	JINGHAO	CBB62B	Max. 0.33 μ F, min. 250 Vac, min. 105 °C	UL 60384-14 CAN/CSA- E60384-1 (2003) CAN/CSA- E60384-14 (2009)	VDE 40018690 UL E252286
Alt.	Aihua	FX, FX2, FXT, FXB, FXM, FXQ	Max. 0.33 μ F, 250Vac min.; 110°C min.	IEC/EN 60384-14 UL1414	VDE 40051583 UL E500538
Alt.	Interchangeable	Interchangeable	Max. 0.33 μ F, 250Vac min.; 110°C min.	UL 60384-14 CAN/CSA- E60384-1 (2003) CAN/CSA- E60384-14 (2009)	EU certification

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Power Supply: power board 715GD178					
AC-Inlet (CN901)	Solteam	ST-01A, ST-01C, ST-01 Series (For UL)	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	ENEC ENEC16/FI/20/ 10036 VDE 40015691 UL E200241
Alt.	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S, SA-4S 1, SA-4S 7, SA-4S 9, SA-4S 28, SA-4S 29 (For TUV), SA-4S 6, SA-4S 12 (For UL)	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE 40003610 TUV R 50293856 UL E154342
Alt.	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE 40028101 UL E102641
Alt.	Kunshan DLK Electronics Technology Co., Ltd (For VDE) SHENZHEN DELIKANG ELECTRONICS TECHNOLOGY CO LTD (For UL)	CDJ-3	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE 40010513 UL E217394

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Alt.	Kunshan DLK Electronics Technology Co., Ltd (For VDE) SHENZHEN DELIKANG ELECTRONICS TECHNOLOGY CO LTD (For UL)	CDJ-3-1	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE 40015913 UL E217394
Alt.	Yueqing Hongchang Radio Co., Ltd	DB-14 series, DB-14-14-L, DB-14-14, DB-14-05, DB-14-14-R	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE 40028645 UL E327347
Alt.	DLK	CDJ-7, CDJ-7 1	10A, 250Vac, For UL: 15A, 250Vac.	IEC 60320-1:2015, EN 60320-1: 2015, UL 60320-1	ENEC SE-ENEC-2001967 Intertek SE-91104 UL E317189
Alt.	Interchangeable	Interchangeable	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	UL/EU certification mark
Power switch (SW901)	Chily	3024 series	ENEC:16(4)A, 250Vac, UL:15A, 125/250Vac, 8A, 277Vac	IEC/EN 61058-1, ANSI/UL 1054	ENEC/FI: 2010034 UL E68037
Alt.	Rong Feng	RF-1003	250 Vac, 10 A	IEC/EN 61058-1, ANSI/UL 1054	VDE 40030309 UL E94138
Alt.	Solteam Electronics Co Ltd	MR-21 series	250 Vac, 10 A	IEC/EN 61058-1, ANSI/UL 1054	ENEC/FI: 2009053 UL E148157

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Alt.	Solteam Electronics Co Ltd	MR-21S	ENEC:6A, 250Vac, UL:10A, 125/250Vac	IEC/EN 61058-1, ANSI/UL 1054	ENEC/FI: 2009043 UL E148157
Alt.	Solteam Electronics Co Ltd	MR-22 series	ENEC:12(4)A, 250V, UL:12A, 125/250Vac, 8A, 125/250Vac	IEC/EN 61058-1, ANSI/UL 1054	ENEC/FI: 2009069 A1 UL E148157
Alt.	Solteam Electronics Co Ltd	OR-L, OR-P	6 A, 250 Vac; 10A, 125 Vac	IEC/EN 61058-1, ANSI/UL 1054	ENEC/FI: 2009033 UL E148157
Alt.	ZHANGJIAGAN G HUAJIE ELECTRONIC CO LTD	PS8-338	250 Vac, 8A	IEC/EN 61058-1, ANSI/UL 1054	TUV Rheinland: R 50181231 UL E151790
Alt.	HONGCHANG	RS-011, RT-011-2, RS Series and RT Series	10 A 125VAC, 6A 250VAC	IEC/EN 61058-1, ANSI/UL 1054	ENEC-01531 UL E486986
Fuse (F901)	Conquer Electronics Co., Ltd.	MST	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 40017118 UL E82636
Alt.	Conquer	MET	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 40017157 UL E82636

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Alt.	Suzhou Walter Electronic Co. Ltd.	2010	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 40018781 UL E56092
Alt.	Littelfuse Inc.	392	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 126983 UL E67006
Alt.	Cooper Bussmann LLC	SS-5	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 40015513 UL E19180
Alt.	Littelfuse Inc.	382	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 40018249 UL E67006

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Alt.	Cooper Bussmann LLC	SR-5	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 122052 UL E19180
Alt.	Walter	2000	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 40018790 UL E56092
Alt.	Suzhou Walter Electronic Co. Ltd.	2010	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 40018781 UL E56092
Alt.	Suzhou Walter Electronic Co., Ltd.	2410LT	T4AL, 250Vac	IEC 60127-1: 2006 + A1 + A2; EN 60127-1: 2006 + A1 + A2; IEC 60127-7: 2015; EN 60127-7: 2016	UL E56092 TUV Rheinland (R 50485936)
Alt.	Suzhou Walter Electronic Co., Ltd.	2040	T4AL, 250Vac	EN 60127- 1:2006+A1+A2 EN 60127- 4:2005+A1+A2	UL E56092 TUV Rheinland J 50426356

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Alt.	SUZHOU WALTER ELECTRONIC CO LTD	1032ST	T4AL, 250Vac	EN 60127-7:2016 EN 60127-1:2006+A1+A2 UL 248-1 UL 248-14	TUV Rheinland R 50406605 UL (E56092)
Alt.	LITTELFUSE INC	443	T4AL, 250Vac	EN 60127-1:2006+A1 EN 60127-7:2013 UL 248-1 UL 248-14	TUV Rheinland AN 50310552 UL E10480
Fuse (F902)	Conquer Electronics Co., Ltd.	MST	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 40017118 UL E82636
Alt.	Conquer	MET	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 40017157 UL E82636
Alt.	Suzhou Walter Electronic Co. Ltd.	2010	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 40018781 UL E56092

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Alt.	Littelfuse Inc.	392	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 126983 UL E67006
Alt.	Cooper Bussmann LLC	SS-5	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 40015513 UL E19180
Alt.	Littelfuse Inc.	382	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 4001824) UL E67006
Alt.	Cooper Bussmann LLC	SR-5	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 122052 UL E19180

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Alt.	Walter	2000	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 40018790 UL E56092
Alt.	Suzhou Walter Electronic Co. Ltd.	2010	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE 40018781 UL E56092
Alt.	Suzhou Walter Electronic Co., Ltd.	2410LT	T5AL, 250Vac	IEC 60127-1: 2006 + A1 + A2; EN 60127-1: 2006 + A1 + A2; IEC 60127-7: 2015; EN 60127-7: 2016	UL E56092 TUV Rheinland R 50485936
Alt.	Suzhou Walter Electronic Co., Ltd.	2040	T5AL, 250Vac	EN 60127- 1:2006+A1+A2 EN 60127- 4:2005+A1+A2	UL E56092 TUV Rheinland J 50426356
Alt.	SUZHOU WALTER ELECTRONIC CO LTD	1032ST	T5AL, 250Vac	EN 60127-7:2016 EN 60127- 1:2006+A1+A2 UL 248-1 UL 248-14	TUV Rheinland R 50406605 UL E56092

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Alt.	LITTELFUSE INC	443	T5AL, 250Vac	EN 60127-1:2006+A1 EN 60127-7:2013 UL 248-1 UL 248-14	TUV Rheinland AN 50310552 UL E10480
Y-cap (C920, C921)	TDK CORPORATION	CD	Max. 1000pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40029780 UL E37861
Alt.	Murata Mfg. Co., Ltd.	KX	Max. 1000pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40002831 UL E37921
Alt.	Walsin Technology Corp.	AH	Max. 1000pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40001804 UL E146544
Alt.	Haohua Electronic Co.	CT7	Max. 1000pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40013601 UL E233106
Alt.	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 1000pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 135256 UL E145038
Alt.	Success Electronics Co., Ltd.	SB	Max. 1000pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40037221 UL E114280
Alt.	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 1000pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40012143 UL E249006
Alt.	Xiamen Wanming Electronics Co., Ltd.	CK, HJ, UK	Max. 1000pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40034438 UL E221839

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Alt.	Xiamen Wanming Electronics Co., Ltd.	CM series; CK series; SD series (For ENEC) CM, SD, CK (For UL)	Max. 1000pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	ENEC ENEC-04533 UL E221839
Alt.	Sichuan TRX Technology Co., Ltd	TRX series (For ENEC), TRX (For UL)	Max. 1000pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	ENEC ENEC-02084-M1 UL E315719
Alt.	Sichuan TRX Technology Co.,Ltd.	TY- series (TYE, TYF) (For VDE) TY (For UL)	Max. 1000pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40031733 UL E315719
Alt.	Interchangeable	Interchangeable	Max. 1000pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14	UL/EU certification mark
Y-cap (C935)	TDK CORPORATION	CD	Max. 2200pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40029780 UL E37861
Alt.	Murata Mfg. Co., Ltd.	KX	Max. 2200pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40002831 UL E37921
Alt.	Walsin Technology Corp.	AH	Max. 2200pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40001804 UL E146544
Alt.	Haohua Electronic Co.	CT7	Max. 2200pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40013601 UL E233106
Alt.	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 2200pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 135256 UL E145038
Alt.	Success Electronics Co., Ltd.	SB	Max. 2200pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40037221 UL E114280

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Alt.	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 2200pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40012143 UL E249006
Alt.	Xiamen Wanming Electronics Co., Ltd.	CK, HJ, UK	Max. 2200pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40034438 UL E221839
Alt.	Xiamen Wanming Electronics Co., Ltd.	CM series; CK series; SD series (For ENEC) CM, SD, CK (For UL)	Max. 2200pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	ENEC ENEC-04533 UL E221839
Alt.	Sichuan TRX Technology Co., Ltd	TRX series (For ENEC), TRX (For UL)	Max. 2200pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	ENEC ENEC-02084-M1 UL E315719
Alt.	Sichuan TRX Technology Co.,Ltd.	TY- series (TYE, TYF) (For VDE) TY (For UL)	Max. 2200pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14 UL1414	VDE 40031733 UL E315719
Alt.	Interchangeable	Interchangeable	Max. 2200pF, 250 Vac, 125°C, Y1 type	IEC/EN 60384-14	UL/EU certification mark
X- Cap. (C914) (optional)	Ultra Tech Xiphi Enterprise Co, Ltd,	HQX	Max, 0,47 µF, AC 250/275/280 /300/305/310V; 110°C, X2 type	IEC/EN 60384-14 UL 60384-14	VDE 40015608 UL E183780
Alt.	Europtronic (SuZhou) Co, Ltd,	MPX	Max, 0,47 µF, AC 250/275/280 /300/305/310V; 110°C, X2 type	IEC/EN 60384-14 UL 60384-14	VDE 40018238 UL E211347
Alt.	Europtronic (SuZhou) Co, Ltd,	MPX	Max, 0,47 µF, AC 250/275/280 /300/305/310V; 110°C, X2 type	IEC/EN 60384-14 UL 60384-14	VDE 40025981 UL E211347

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Alt.	Xiamen Faratronic Co, Ltd,	MKP62	Max, 0,47 μ F, AC 250/275/280 /300/305/310V; 110°C, X2 type	IEC/EN 60384-14 UL 60384-14	VDE 40000358 UL E186600
Alt.	KEMET ELECTRONICS ITALIA SRL	R,46	Max, 0,47 μ F, AC 250/275/280 /300/305/310V; 110°C, X2 type	IEC/EN 60384-14 UL 60384-14	ENEC V4413 UL E9779
Alt.	LIOW GU ELECTRONICS Industry Co Ltd	GS-L	Max, 0,47 μ F, AC 250/275/280 /300/305/310V; 110°C, X2 type	IEC/EN 60384-14 UL 60384-14	VDE 40023391 UL E186321
Alt.	TDK (Zhuhai FTZ) Co., Ltd,	B3292	Max, 0,47 μ F, AC 250/275/280 /300/305/310V; 110°C, X2 type	IEC/EN 60384-14 UL 60384-14	VDE 40010694 UL E97863
Alt.	SHENZHEN JINGHAO CAPACITOR CO LTD	CBB62B	Max, 0,47 μ F, AC 250/275/280 /300/305/310V; 110°C, X2 type	IEC/EN 60384-14 UL 60384-14	VDE 40018690 UL E252286
Alt.	Farad Electronics Co., Ltd.	PXK	Max, 0,47 μ F, AC 250/275/280 /300/305/310V; 110°C, X2 type	IEC/EN 60384-14 UL 60384-14	VDE 40014111 UL E247953
Alt.	Aihua	FX, FX2, FXT, FXB, FXM, FXQ	Max, 0,47 μ F, AC 250/275/280 /300/305/310V; 110°C, X2 type	IEC/EN 60384-14 UL 60384-14	VDE 40051583 UL E500538
Alt.	Interchangeable	Interchangeable	Max, 0,47 μ F, AC 250/275/280 /300/305/310V; 110°C, X2 type	IEC/EN 60384-14	UL/EU certification mark

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Optocoupler (U902)	Lite-on	LTV-817	Ext. cr $\geq 7,0$ mm, Dti $\geq 0,4$ mm, 115°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40015248) UL (E113898)
Alt.	Sharp	PC123	Ext. cr $\geq 6,4$ mm, Dti $\geq 0,4$ mm, 110°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40008087) UL (E64380)
Alt.	Everlight Electronics Co., Ltd.	EL817M, EL817	Ext. cr $\geq 7,6$ mm, Dti $\geq 0,4$ mm, 110°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (132249) UL (E214129)
Alt.	Everlight Electronics Co., Ltd.	EL101 V (VDE), EL1013 (UL)	Min. Ext. cr $\geq 8,1$ mm, Dti $\geq 0,4$ mm, 110°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40028391) UL (E214129)
Alt.	RENESAS	PS2561DL1-1, PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1	Min. Ext. cr $\geq 7,1$ mm, Dti $\geq 0,4$ mm, 100°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40008862) UL (E72422)
Alt.	Interchangeable	Interchangeable	Min. Ext. cr $\geq 6,4$ mm, Dti $\geq 0,4$ mm, 100°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	UL/EU certification mark
Line Choke (L901) (Optional)	JIANGSU CHANNELON	373G0174563H	105°C	IEC/EN 62368-1	Tested with appliance

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Alt.	LFDJ	373G0174563J	105°C	IEC/EN 62368-1	Tested with appliance
Alt.	LZ	373G0174563Z	105°C	IEC/EN 62368-1	Tested with appliance
Alt.	ASET	373G0174563X	105°C	IEC/EN 62368-1	Tested with appliance
Transformer (T901)	Phoenix	380GL32P565P	Class B	IEC/EN 62368-1	Tested with appliance
Alt.	TAICHANG	380GL32P565S	Class B	IEC/EN 62368-1	Tested with appliance
Alt.	LI TAI	380GL32P565L	Class B	IEC/EN 62368-1	Tested with appliance
Alt.	ASET	380GL32P565X	Class B	IEC/EN 62368-1	Tested with appliance
Alt.	HA	380GL32P565H	Class B	IEC/EN 62368-1	Tested with appliance
Alt.	LFDJ	380GL32P565J	Class B	IEC/EN 62368-1	Tested with appliance
-Bobbin	SUMITOMO BAKELITE CO LTD	PM-9820	V-0, 150°C, min. 0.45mm thick	UL 94 IEC/EN 62368-1	UL E41429 and tested with appliance
Alt.	CHANG CHUN PLASTICS CO., LTD.	T200HF, T200NA	V-0, 150°C, min. 0.45mm thick	UL 94 IEC/EN 62368-1	UL E59481 and tested with appliance
-Triple insulation wire	GREAT LEOFLON INDUSTRIAL CO., LTD	TRW(B)*	Reinforced insulation, 130°C	UL 2353 IEC/EN 62368-1	UL E211989 and tested with appliance
Alt.	Cosmolink Co Ltd	TIW-M	Reinforced insulation, 130°C	UL 2352 IEC/EN 62368-1	UL E213764 and tested with appliance
Alt.	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B*	Reinforced insulation, 130°C	UL 2352 IEC/EN 62368-1	UL E332529 and tested with appliance

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-Insulation tape	JingJiang YaHua Pressure Sensitive Glue Co., Ltd	CT* (c)(g)	PET film insulating tape, 130°C	UL 510A IEC/EN 62368-1	UL E165111 and tested with appliance
Alt.	SYMBIO INC	35660 (a), 35660Y (e)	PET film insulating tape, 130°C	UL 510A IEC/EN 62368-1	UL E50292 and tested with appliance
-Tube	GREAT HOLDING INDUSTRIAL CO., LTD.	TFL	PTFE, 200°C, VW-1	UL 224 IEC/EN 62368-1	UL E156256 and tested with appliance
Alt.	CHANGYUAN ELECTRONICS GROUP CO LTD	CB-TT-L	PTFE, 200°C, VW-1	UL 224 IEC/EN 62368-1	UL E180908 and tested with appliance
Bleeding resistors (R916, R917, R918)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS-06***** series	Max. 680 K ohm, 1/4 W	IEC/EN 62368-1	CB issued by NEMKO (CB cert No. NO127737)
Alt.	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RS-06***** series	Max. 680 K ohm, 1/4 W	IEC/EN 62368-1	CB issued by NEMKO (CB report No. 127738)
Alt.	Yageo Corporation	RV1206XX-0782K1L	Max. 680 K ohm, 1/4 W	IEC/EN 62368-1	CB issued by UL (CB cert No. DK-64853-UL)
Alt.	Yageo Corporation	RV1206 series	Max. 680 K ohm, 1/4 W	IEC/EN 62368-1	CB issued by UL (CB report No. E491387-4787887815-1 Original)

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Alt.	Tzai Yuan Enterprise Co., Ltd.	HSMD*****, SMD*****	Max. 680 K ohm, 1/4 W	IEC/EN 62368-1	CB issued by UL(CB cert No. DK-29431-A1-M1-UL)
Alt.	Tzai Yuan Enterprise Co., Ltd.	MGUL1/4Wseries	Max. 680 K ohm, 1/4 W	IEC/EN 62368-1	CB issued by UL(CB cert No. DK-69874-UL)
Alt.	Interchangeable	Interchangeable	Max. 680 K ohm, 1/4 W	IEC/EN 62368-1	UL/EU certification mark
Power Supply: power board 715GF467:					
AC-Inlet (CN9901)	Zhang Jia Gang-Hua Jie	SA-4S series	10A, 250Vac	IEC/EN 60320-1	VDE 40003610 UL E154342
Alt.	Rong Feng Industrial Co Ltd	SS-120 SS-7B	10A, 250Vac	IEC/EN 60320-1	VDE 40028101 UL E102641
Alt.	DELIKANG/Douling	CDJ-3	10A, 250Vac	IEC/EN 60320-1	VDE 40010513 UL E217394
Alt.	DELIKANG/Douling	CDJ-3-1	10A, 250Vac	IEC/EN 60320-1	VDE 40015913 UL E217394
Alt.	Yueqing Hongchang	DB-14 series	10A, 250Vac	IEC/EN 60320-1	VDE 40028645 UL E327347
Alt.	Interchangeable	Interchangeable	10A, 250Vac	IEC/EN 60320-1	UL/EU certification
Fuse (F9901)	Cooper Bussmann LLC	SR-5	T5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 122052 UL E19180
Alt.	Littelfuse, Inc. Wickmann	382 Series	T5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 40018249 UL E67006
Alt.	LITTELFUSE INC	392	T5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 126983 UL E67006
Alt.	Cooper Bussmann LLC	SS-5	T5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 40015513 UL E19180
Alt.	Conquer	MET	T5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 40017157 UL E82636

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Alt.	Conquer	MST	T5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 40017118 UL E82636
Alt.	SUZHOU WALTER ELECTRONIC CO LTD	2010 Serie(s)	T5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 40018781 UL E56092
Alt.	Suzhou Walter Electronic Co. Ltd.	2000	T5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 40018790 UL E56092
Y-cap (C9902, C9903, C9917, C9918) (Y1 type) (optional)	TDK	CD	Max. 470pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40029780 UL E37861
Alt.	TDK	CS	Max. 470pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40029781 UL E37861
Alt.	Murata	KH	Max. 470pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40002796 UL E37921
Alt.	Murata	KX	Max. 470pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40002831 UL E37921
Alt.	Walsin (Pan Overseas)	AC	Max. 470pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40001829 UL E146544
Alt.	Walsin (Pan Overseas)	AH	Max. 470pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40001804 UL E146544
Alt.	Hongming	F	Max. 470pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40036246 UL E154899
Alt.	Haohua	CT7	Max. 470pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40013601 UL E233106
Alt.	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 470pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 135256 UL E145038

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Alt.	Success Electronics Co., Ltd.	SE	Max. 470pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 122995 UL E114280
Alt.	Success Electronics Co., Ltd.	SB	Max. 470pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40037221 UL E114280
Alt.	Kunshan Wansheng	CT7	Max. 470pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40012143 UL E249006
Alt.	XIAMEN WANMING ELECTRONICS CO LTD	CK	Max. 470pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL 60384-14	VDE 40034438 UL E221839
Alt.	Interchangeable	Interchangeable	Max. 470pF, 250Vac, 85°C min.	IEC/EN 60384-14: 2016	UL/EU certification
Y-cap (C9907) (Y1 type) (optional)	TDK	CD	Max. 1000pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40029780 UL E37861
Alt.	TDK	CS	Max. 1000pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40029781 UL E37861
Alt.	Murata	KH	Max. 1000pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40002796 UL E37921
Alt.	Murata	KX	Max. 1000pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40002831 UL E37921
Alt.	Walsin (Pan Overseas)	AC	Max. 1000pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40001829 UL E146544
Alt.	Walsin (Pan Overseas)	AH	Max. 1000pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40001804 UL E146544
Alt.	Hongming	F	Max. 1000pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40036246 UL E154899
Alt.	Haohua	CT7	Max. 1000pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40013601 UL E233106

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Alt.	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 1000pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 135256 UL E145038
Alt.	Success Electronics Co., Ltd.	SE	Max. 1000pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 122995 UL E114280
Alt.	Success Electronics Co., Ltd.	SB	Max. 1000pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40037221 UL E114280
Alt.	Kunshan Wansheng	CT7	Max. 1000pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL1414	VDE 40012143 UL E249006
Alt.	XIAMEN WANMING ELECTRONICS CO LTD	CK	Max. 1000pF, 250Vac, 85°C min.	IEC/EN 60384-14 UL 60384-14	VDE 40034438 UL E221839
Alt.	Interchangeable	Interchangeable	Max. 1000pF, 250Vac, 85°C min.	IEC/EN 60384-14: 2016	UL/EU certification
X- Cap. (C9901) (X2 or X1 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.47μF, 250Vac min.; 110°C min.	IEC/EN 60384-14 UL1414	VDE 40015608 UL E183780
Alt.	Europtronic	MPX	Max. 0.47μF, 250Vac min.; 110°C min.	IEC/EN 60384-14 UL1414	VDE 40018238 UL E211347
Alt.	Europtronic	MPX2	Max. 0.47μF, 250Vac min.; 110°C min.	IEC/EN 60384-14 UL1414	VDE 40025981 UL E211347
Alt.	XIAMEN FARATRONIC CO LTD	MKP62	Max. 0.47μF, 250Vac min.; 110°C min.	IEC/EN 60384-14 UL1414	VDE 40000358 UL E186600
Alt.	KEMET ELECTRONICS ITALIA SRL	R.46	Max. 0.47μF, 250Vac min.; 110°C min.	IEC/EN 60384-14 UL1414	ENEC V4413 UL E97797
Alt.	LIOW GU ELECTRONICS Industry Co Ltd	GS-L	Max. 0.47μF, 250Vac min.; 110°C min.	IEC/EN 60384-14 UL1414	VDE 40023391 UL E186321 ENEC HN 69291428

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Alt.	EPCOS	B3292#	Max. 0.47µF, 250Vac min.; 110°C min.	IEC/EN 60384-14 UL1414	VDE 40010694 UL E97863
Alt.	NANJING TENGEN RONG GUANG DA ELECTRONIC SALES CO LTD	MKP	Max. 0.47µF, 250Vac min.; 110°C min.	IEC/EN 60384-14 UL1414	VDE 40049725 UL E502081
Alt.	JINGHAO	CBB62B	Max. 0.47µF, 250Vac min.; 110°C min.	IEC/EN 60384-14 UL1414	VDE 40018690 UL E252286
Alt.	Aihua	FX, FX2, FXT, FXB, FXM, FXQ	Max. 0.47µF, 250Vac min.; 110°C min.	IEC/EN 60384-14 UL1414	VDE 40051583 UL E500538
Alt.	Interchangeable	Interchangeable	Max. 0.47µF, 250Vac min.; 110°C min.	IEC/EN 60384- 14: 2016	UL/EU certification
Photo Coupler (U9101)	Sharp	PC 123	Ext. > 8.0mm int.cr=thermal cycling 3) Di> 0.4mm AC 3000V, min. 100°C	EN 60747-5-2	VDE 40008087 UL E64380 Nemko P09211293
Alt.	Everlight	EL817, EL817M	Ext.= 7.7mm Int.= 6.0mm Di= 0.5mm AC 3000V, min. 100°C	EN 60747-5-2	VDE 132249 UL E214129 Nemko P11214765/A1
Alt.	Renesas Electronics Corporation	PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1	Ext.> 7.0mm int.cr=thermal cycling 3) Di.> 0.4mm AC 3000V, min. 100°C	EN 60747-5-2	VDE 40008862 UL E72422 Nemko P10212638
Alt.	Lite-on	LTV-817	Ext. cr>8.0mm, Int.cr=thermal cycling 3), Dti > 0.6 mm, AC 3000V, min. 100°C	EN 60747-5-2	VDE 40015248 UL E113898

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Alt.	Interchangeable	Interchangeable	Ext. cr>8.0mm, Int.cr=thermal cycling 3), Dti > 0.6 mm, AC 3000V, min. 100°C	EN 60747-5-2	UL/EU certification
Line Choke (L9901, L9902)	CHANNELON	373G0174423H	105°C	IEC/EN 62368-1	Tested with appliance
Alt.	LIANFENG DONGJIN	373G0174423J	105°C	IEC/EN 62368-1	Tested with appliance
Alt.	PHOENIX	373G0174423P	105°C	IEC/EN 62368-1	Tested with appliance
Alt.	TAICHANG	373G0174423S	105°C	IEC/EN 62368-1	Tested with appliance
Alt.	ASET	373G0174423X	105°C	IEC/EN 62368-1	Tested with appliance
Line Choke (L9903)	CHANNELON	373G0174B13H	105°C	IEC/EN 62368-1	Tested with appliance
Alt.	PHOENIX	373G0174B13P	105°C	IEC/EN 62368-1	Tested with appliance
Alt.	ASET	373G0174B13X	105°C	IEC/EN 62368-1	Tested with appliance
Transformer (T9102)	CHANNELON	380GL88P105H	Class B	IEC/EN 62368-1	Tested with appliance
Alt.	CHANNELON	CLT-143102	Class B	IEC/EN 62368-1	Tested with appliance
Alt.	LIANFENG DONGJIN	380GL88P105J	Class B	IEC/EN 62368-1	Tested with appliance
Alt.	LIANFENG DONGJIN	BCK-60-L043YA	Class B	IEC/EN 62368-1	Tested with appliance
Alt.	PHOENIX	380GL88P105P	Class B	IEC/EN 62368-1	Tested with appliance
Alt.	PHOENIX	PH-001430011	Class B	IEC/EN 62368-1	Tested with appliance
Alt.	ASET	380GL88P105X	Class B	IEC/EN 62368-1	Tested with appliance

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Alt.	ASET	3101313543	Class B	IEC/EN 62368-1	Tested with appliance
-Bobbin	SUMITOMO BAKELITE CO LTD	PM-9750, PM-9630, PM-9823	V-0, 150°C, min. 0.45mm thick	UL 94 IEC/EN 62368-1	UL E41429 and tested with appliance
-Triple insulation wire	KBI COSMOLINK CO.,LTD	TIW-M(XX)	Reinforced insulation, 130°C	UL 2353 IEC/EN 62368-1	UL E213764 and tested with appliance
Alt.	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B*	Reinforced insulation, 130°C	UL 2352 IEC/EN 62368-1	UL E332529 and tested with appliance
-Insulation tape	JingJiang YaHua Pressure Sensitive Glue Co., Ltd	CT* (c)(g), PF*(d)(g)	PET film insulating tape, 130°C	UL 510A IEC/EN 62368-1	UL E165111 and tested with appliance
Alt.	SYMBIO INC	35660 (a), 35660Y (e)	PET film insulating tape, 130°C	UL 510A IEC/EN 62368-1	UL E50292 and tested with appliance
-Tube	GREAT HOLDING INDUSTRIAL CO., LTD.	TFL	PTFE, 200°C, VW-1	UL 224 IEC/EN 62368-1	UL E156256 and tested with appliance
Alt.	CHANGYUAN ELECTRONICS GROUP CO LTD	CB-TT-L	PTFE, 200°C, VW-1	UL 224 IEC/EN 62368-1	UL E180908 and tested with appliance
Bleeding resistors (R9805, R9806, R9807)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS-06***** series	Max. 2K ohm, 1/4 W	IEC/EN 62368-1	CB issued by NEMKO (CB cert No. NO127737)
Alt.	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RS-06***** series	Max. 2K ohm, 1/4 W	IEC/EN 62368-1	CB issued by NEMKO (CB report No. 127738)

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Alt.	Yageo Corporation	RV1206XX-0782K1L	Max. 2K ohm, 1/4 W	IEC/EN 62368-1	CB issued by UL(CB cert No. DK-64853-UL)
Alt.	Yageo Corporation	RV1206 series	Max. 2K ohm, 1/4 W	IEC/EN 62368-1	CB issued by UL(CB report No. E491387-4787887815-1 Original)
Alt.	Tzai Yuan Enterprise Co., Ltd.	HSMD*****, SMD*****	Max. 2K ohm, 1/4 W	IEC/EN 62368-1	CB issued by UL(CB cert No. DK-29431-A1-M1-UL)
Alt.	Tzai Yuan Enterprise Co., Ltd.	MGUL1/4Wseries	Max. 2K ohm, 1/4 W	IEC/EN 62368-1	CB issued by UL(CB cert No. DK-69874-UL)
Alt.	Interchangeable	Interchangeable	Max. 2K ohm, 1/4 W	IEC/EN 62368-1	UL/EU certification mark
Main board 715GF350:					
Fuse (F7101, F7102, F7103 for LPS)	Cooper Bussmann LLC	SR-5	T5A, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 122052 UL E19180
Alt.	Littelfuse, Inc. Wickmann	382 Series	T5A, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 40018249 UL E67006
Alt.	LITTELFUSE INC	392	T5A, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 126983 UL E67006
Alt.	Cooper Bussmann LLC	SS-5	T5A, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 40015513 UL E19180
Alt.	Conquer	MET	T5A, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 40017157 UL E82636

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Alt.	Conquer	MST	T5A, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 40017118 UL E82636
Alt.	SUZHOU WALTER ELECTRONIC CO LTD	2010 Serie(s)	T5A, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 40018781 UL E56092
Alt.	Suzhou Walter Electronic Co. Ltd.	2000	T5A, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3	VDE 40018790 UL E56092

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Photos:



Figure 1. External view of EUT with power board 715GD178

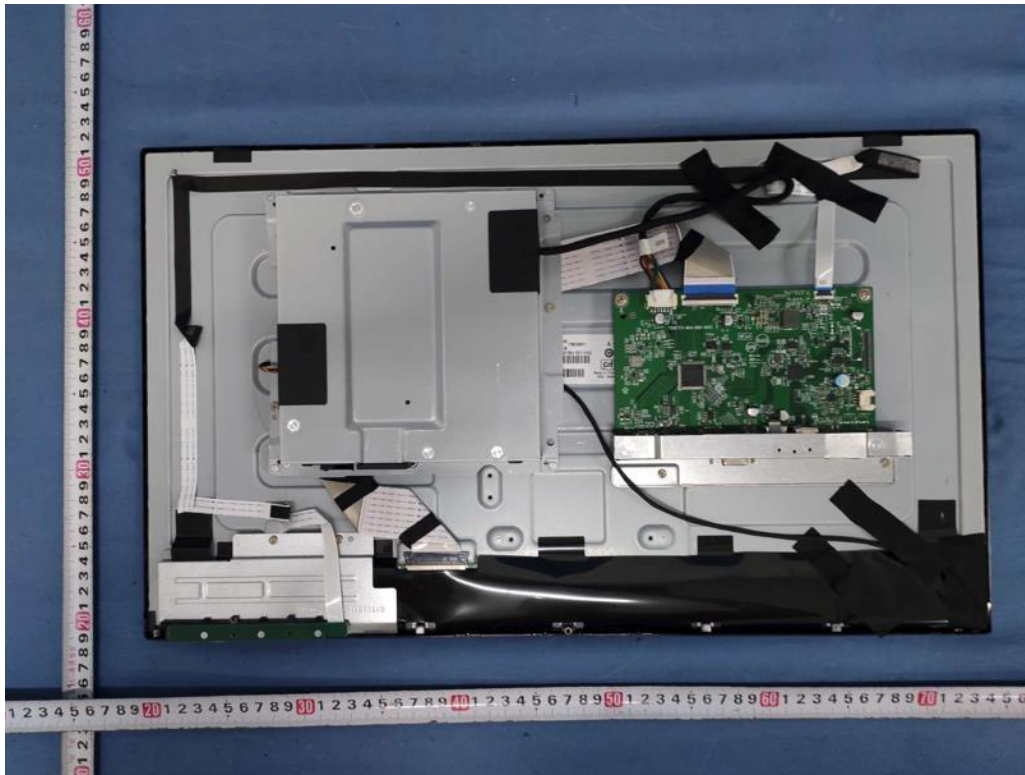


Figure 2. Internal view of EUT with power board 715GD178

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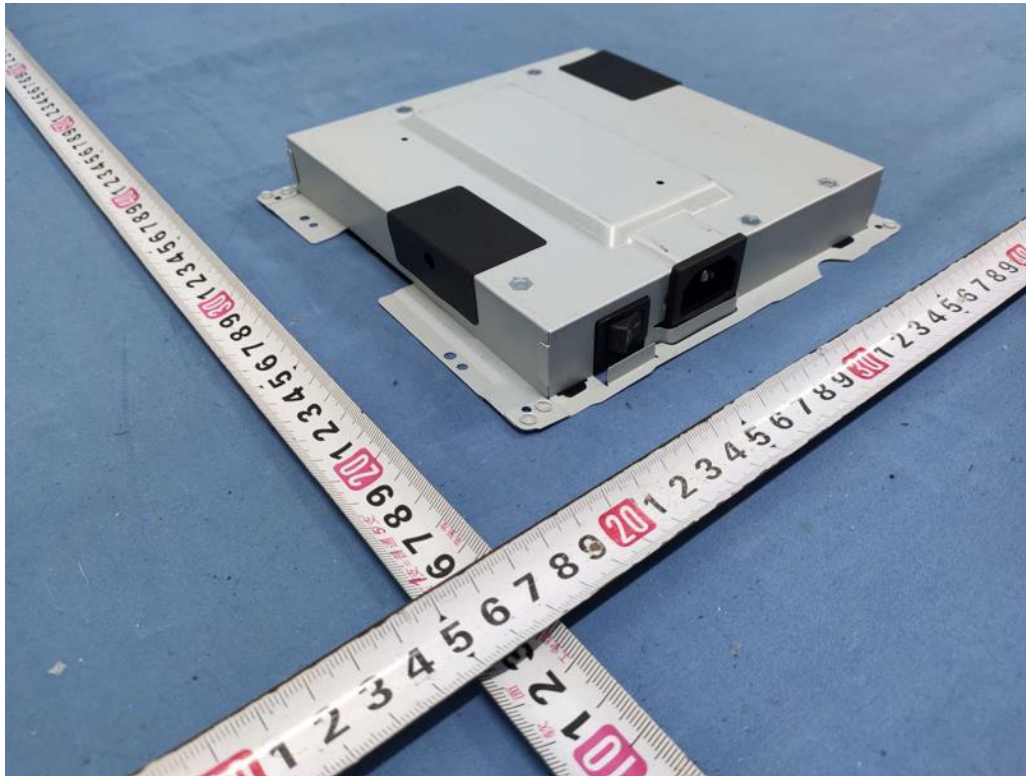


Figure 3. Internal view of EUT with power board 715GD178

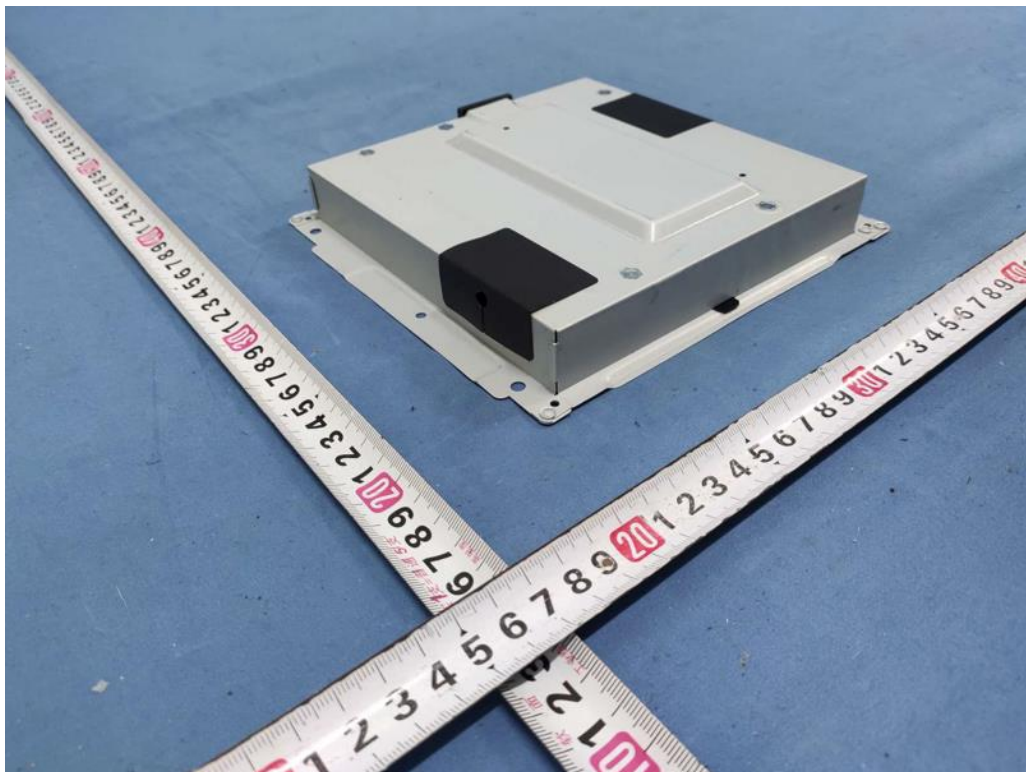


Figure 4. Internal view of EUT with power board 715GD178

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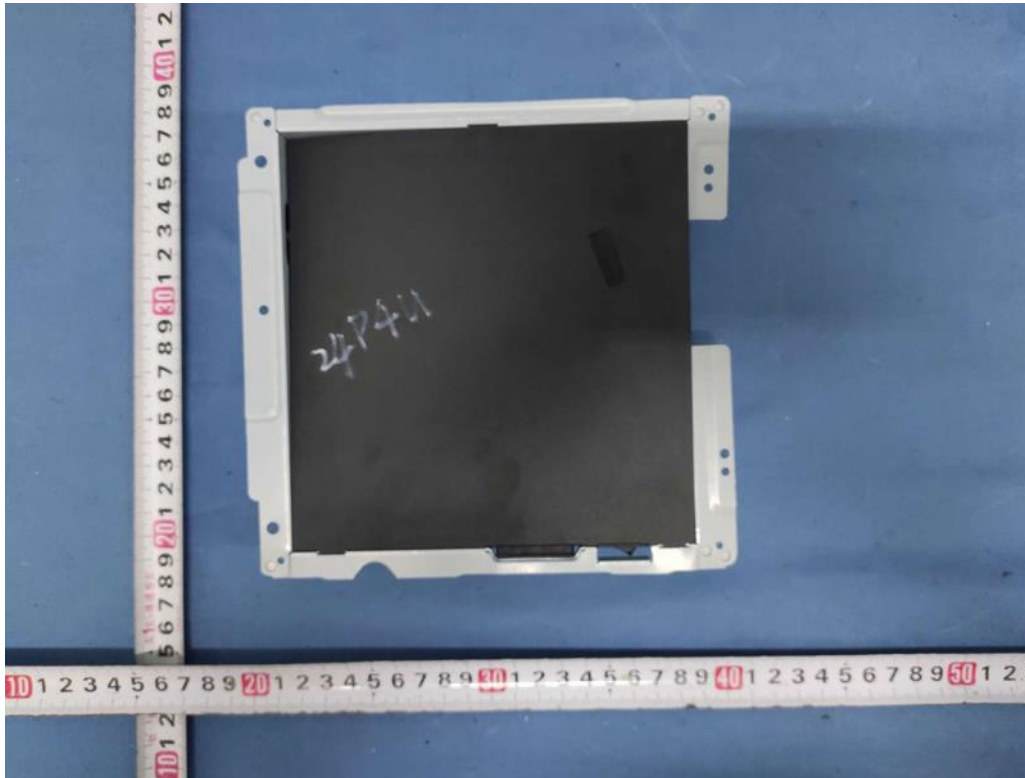


Figure 5. Internal view of EUT with power board 715GD178

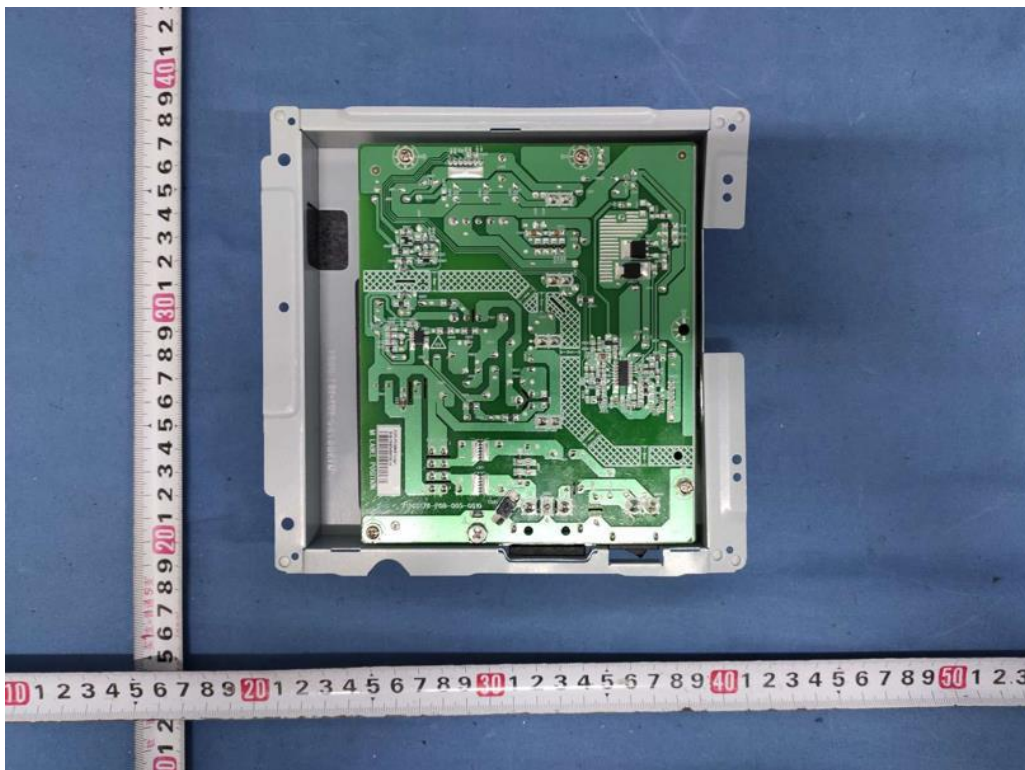


Figure 6. Internal view of EUT with power board 715GD178

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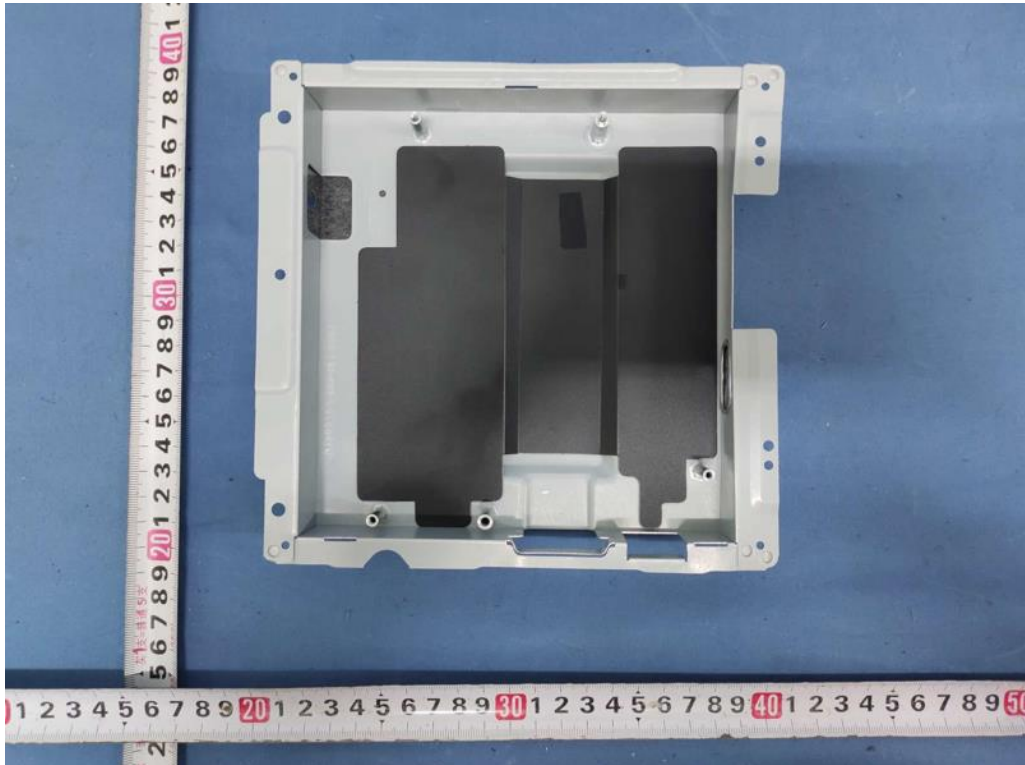


Figure 7. Internal view of EUT with power board 715GD178

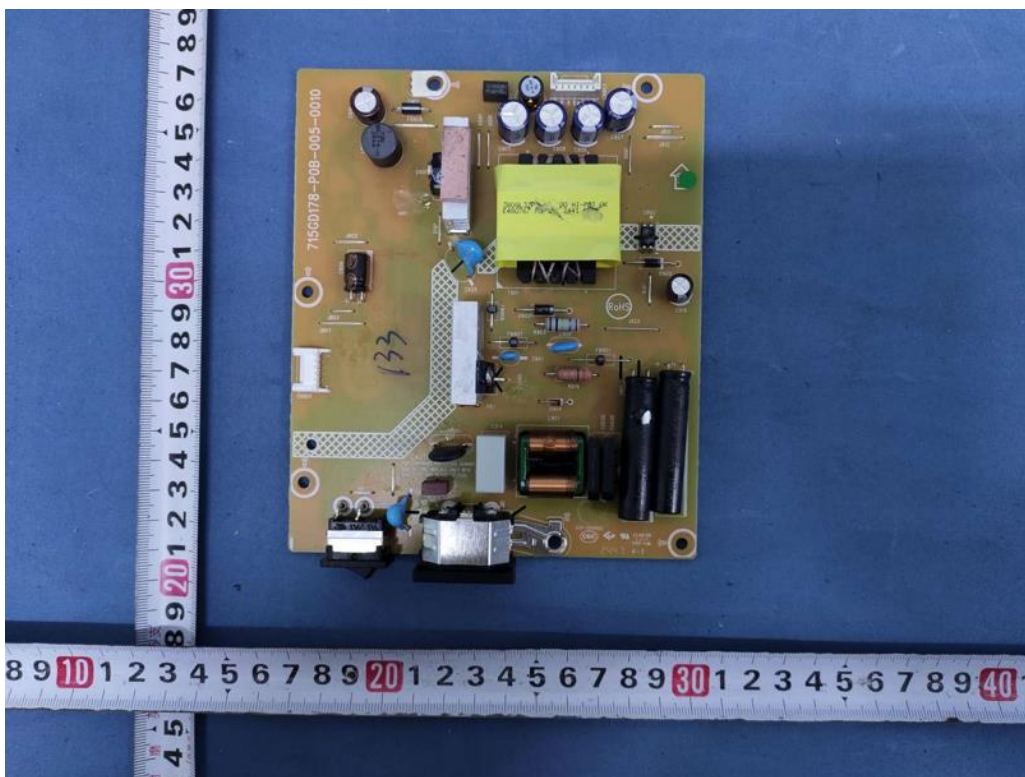


Figure 8. View of power board 715GD178

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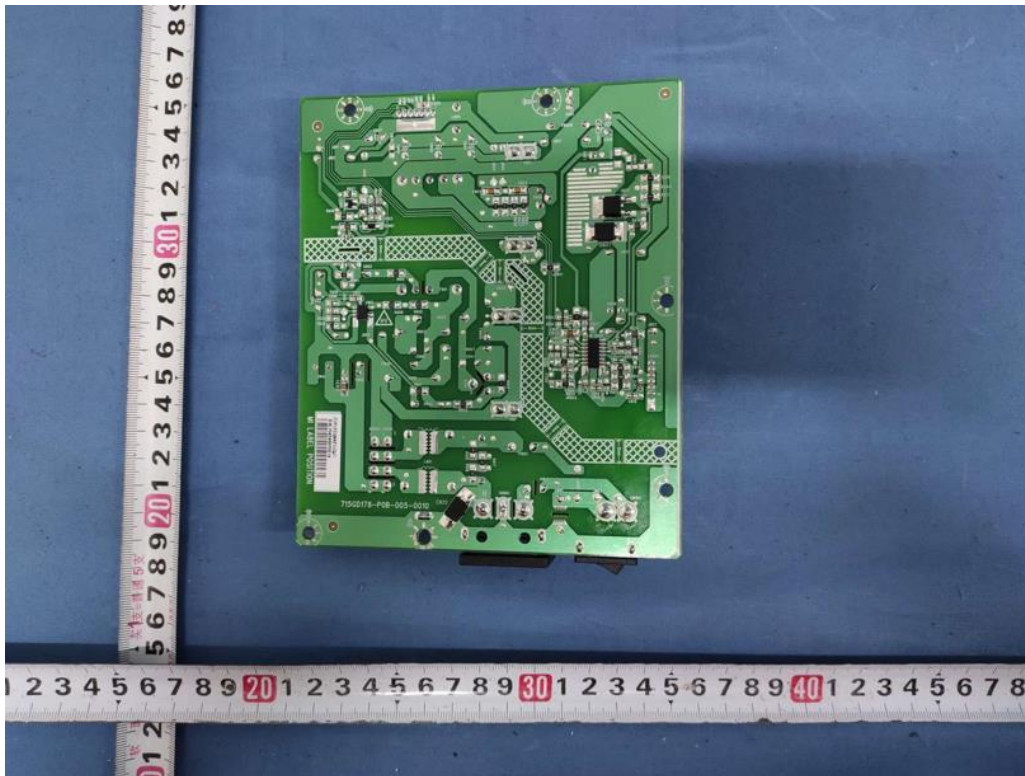


Figure 9. View of power board 715GD178

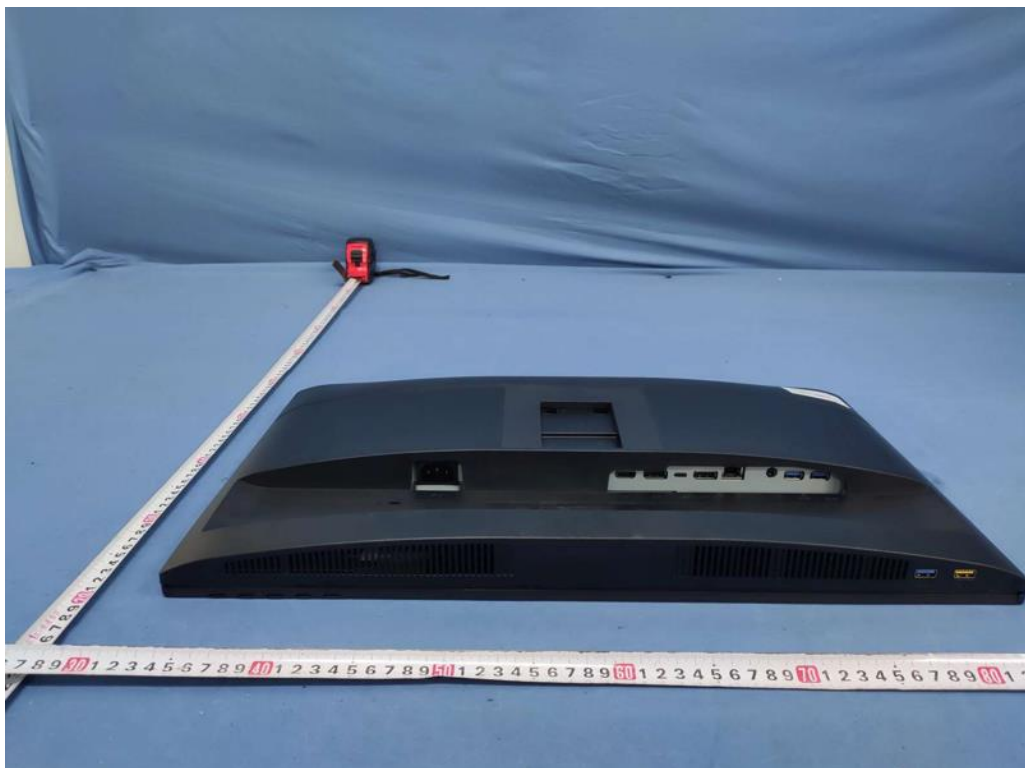


Figure 10. External view of EUT with power board 715GF467

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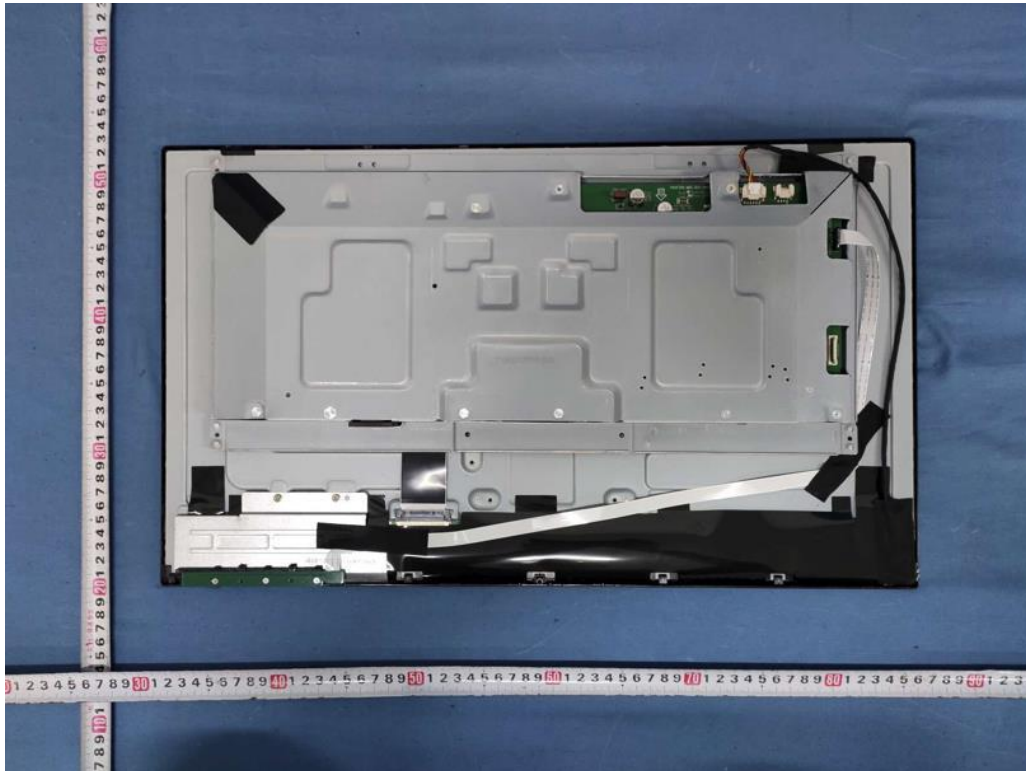


Figure 11. Internal view of EUT with power board 715GF467

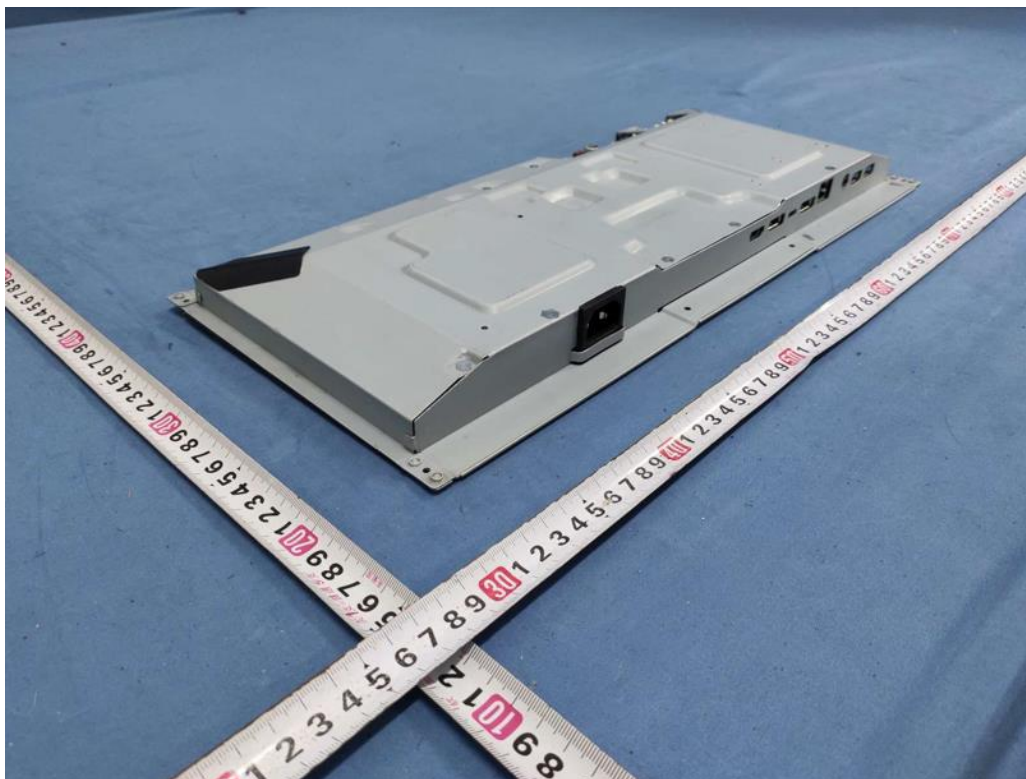


Figure 12. Internal view of EUT with power board 715GF467

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Figure 13. Internal view of EUT with power board 715GF467

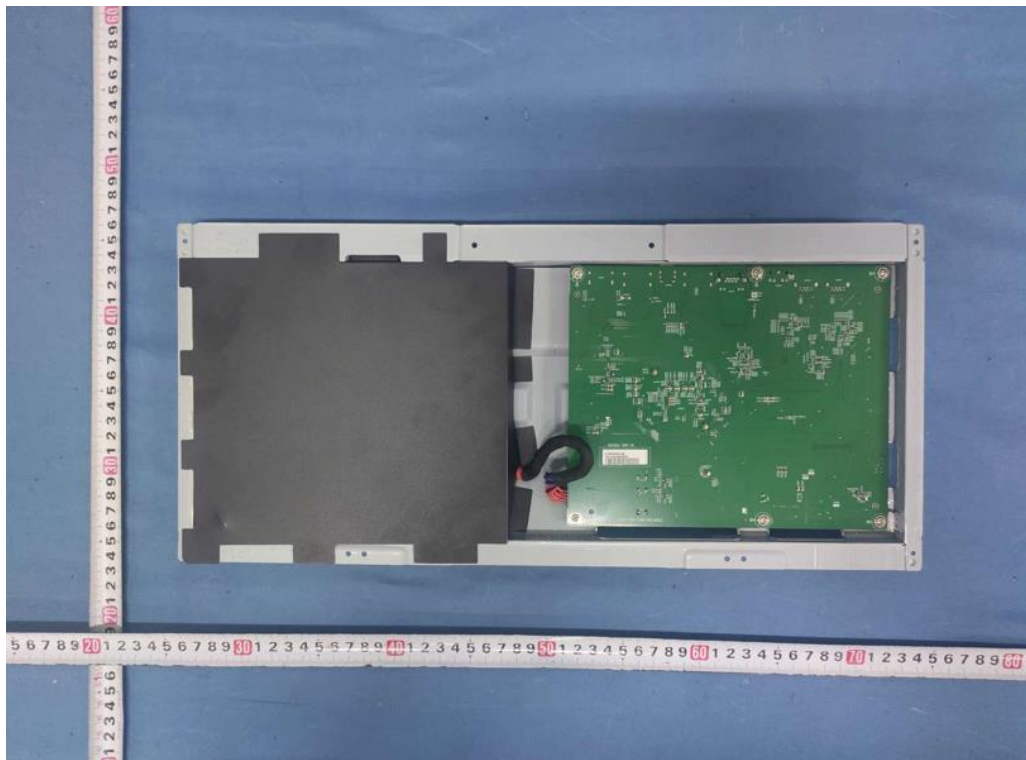


Figure 14. Internal view of EUT with power board 715GF467

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Figure 15. Internal view of EUT with power board 715GF467

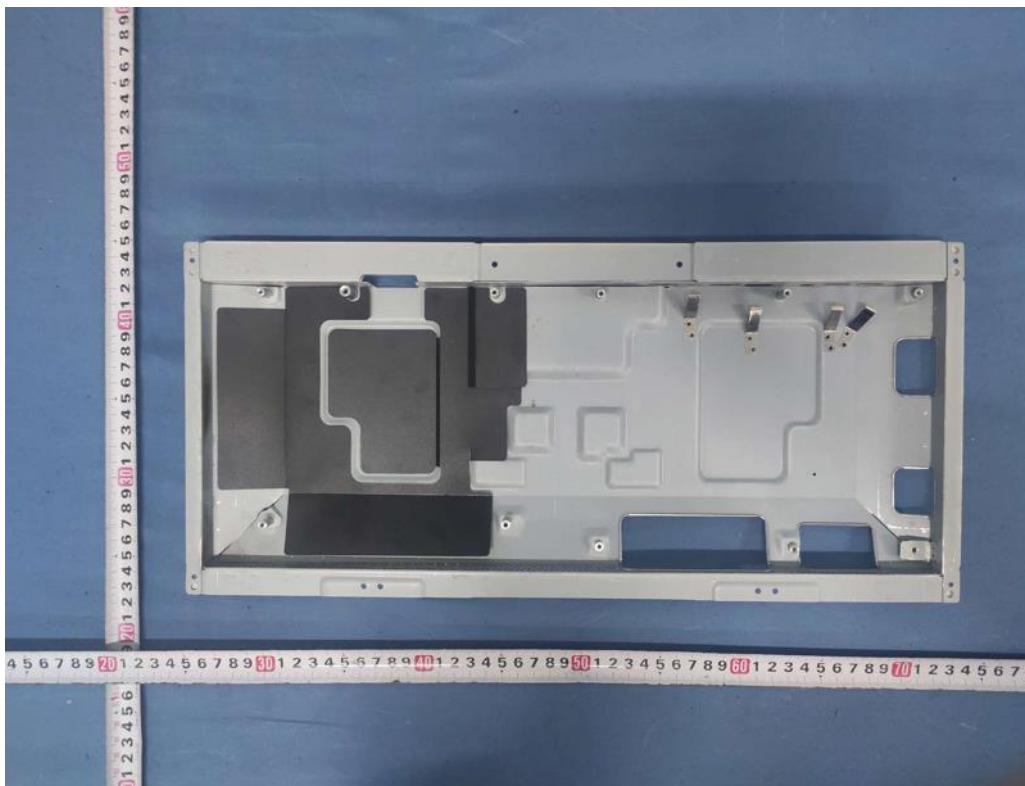


Figure 16. Internal view of EUT with power board 715GF467

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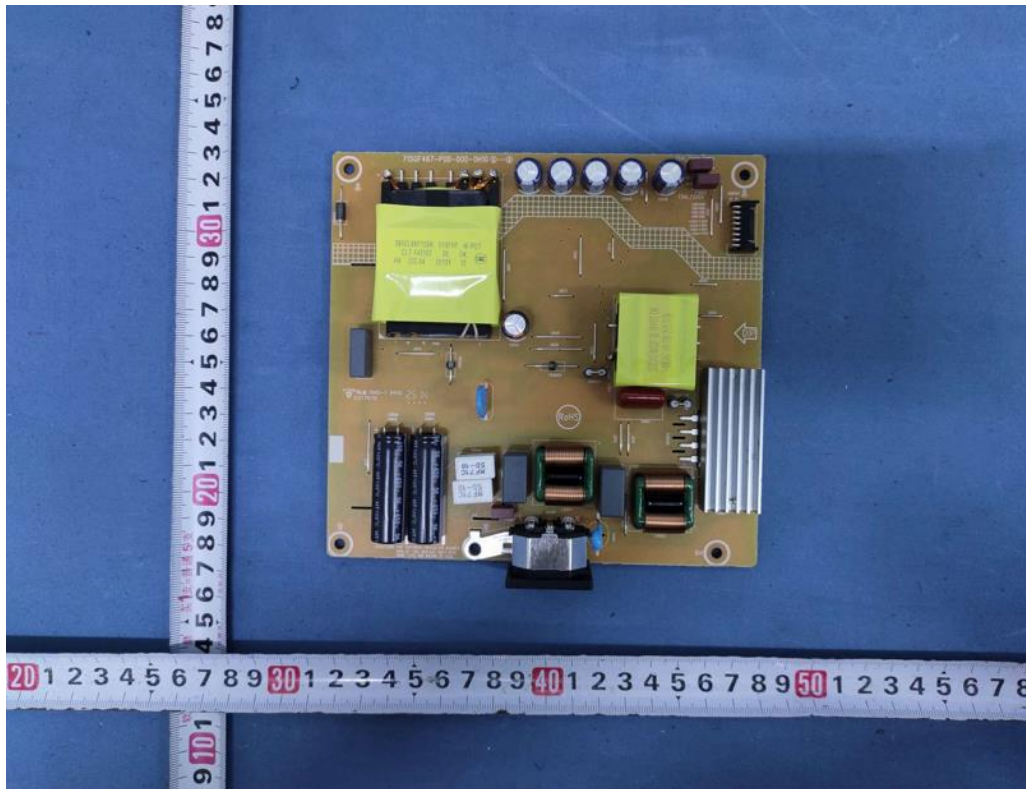


Figure 17. View of power board 715GF467

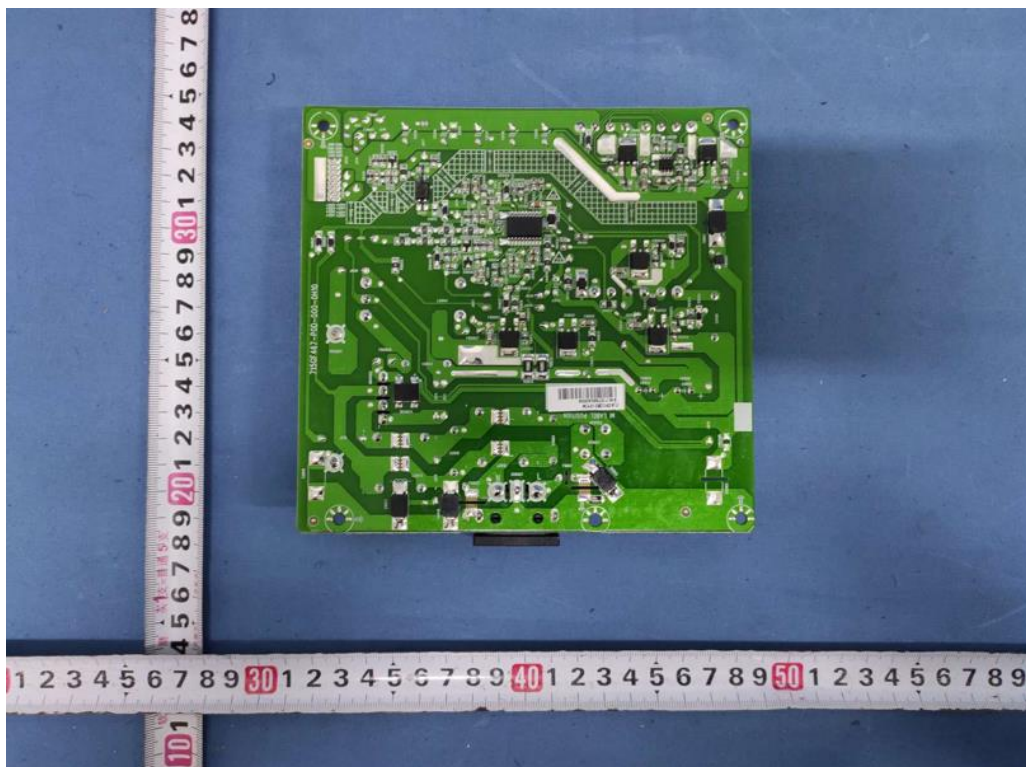


Figure 18. View of power board 715GF467

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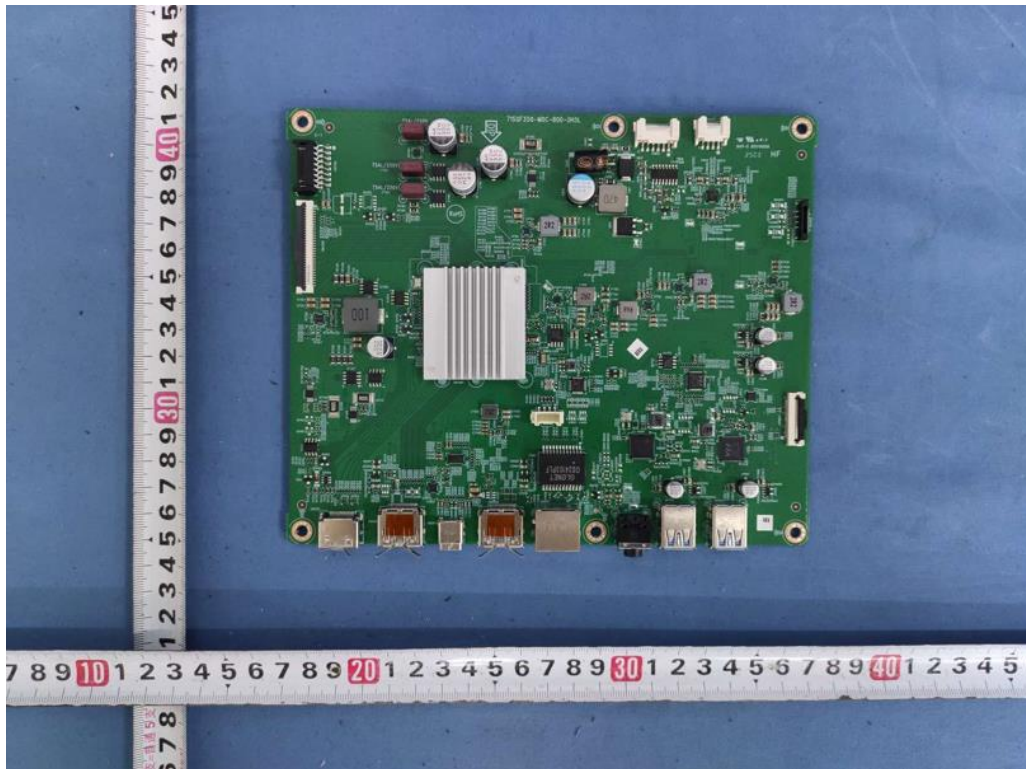


Figure 19. View of main board 715GF350

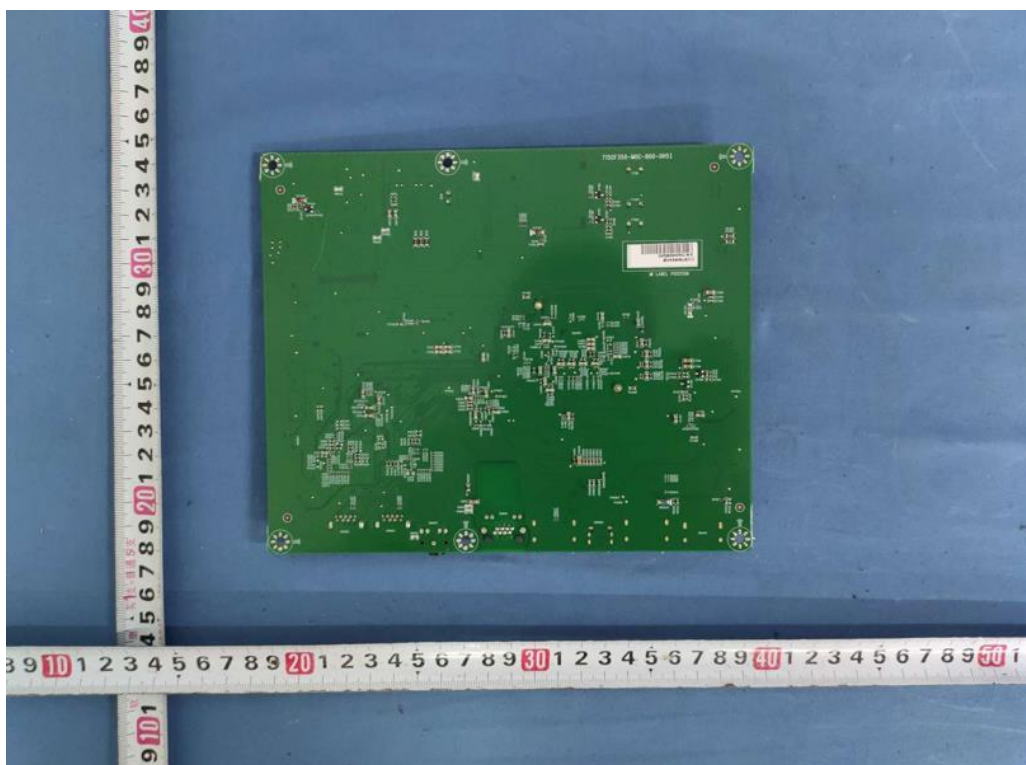


Figure 20. View of main board 715GF350

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