

접 수 번 호 : 13-056459-02
(Receipt No.)



자율안전확인 신고증명서

Confirmation Letter of Declaration

신 고 번 호 : ZU10019-13030 유효 기 간 만료 일 : 2019년 01월 16일
(Application No.) (Validity Period)

신 고 업 체 명 : TPV Electronics (Fujian) Co., Ltd.
(Applicant)

대 표 자 명 : Dennis Huang
(President)

소 재 지 : Yuan Hong Road., Shang-Zheng, Hong-Lu, Fuqing City, Fujian, P.R.
(Address) China

제 품 명 : 모니터
(Product) (LCD Monitor)

기 본 모 델 명 : X554UNS
(Basic Model)

정 격 : 100-240 Vac, 50/60 Hz, 3.8-1.6 A, Class I
(Rating)

파 생 모 델 명 : Not Applicable
(Series Model)

적 용 기 준 : K60950-1(2006-12)
(Standard)

본 확인신고는 제 조 국 : 중국

제조업체 : TPV Electronics (Fujian) Co., Ltd. 의 제품에만 해당함

「전기용품안전 관리법 시행규칙」 제19조제3항에 따라 위의 전기용품에 대하여 안전
인증서를 발급합니다.

We hereby issue The Confirmation Letter of Declaration Self-Regulatory Safety Co
nfirmation in accordance with Article 19 Section 3 of the Electrical Appliances Saf

2014년 01월 17일



한국산업기술시험원
KOREA TESTING LABORATORY



※ 이 인증서는 「전기용품안전 관리법」에 따른 전기용품 안전성 확인에 한정된 것이며, 그 밖의 다른
법률이 적용되는 제품의 경우에는 해당 법률에 따라 추가로 인증·허가 등을 받아야 합니다.

- 첨 부 : (Annex)
1. 안전관리부품 및 재질목록 (List of Critical Components)
 2. 기본모델·파생모델의 내용 (General Descriptions of Certified Products)
 3. 전기용품안전인증의 변경 현황 (Status of Certificate Revisions)

□ 첨부 1 : 안전관리부품 및 재질목록
List of Critical Components

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
LCD Panel	SAMSUNG DISPLAY CO LTD	LTx550rz (x, r = A~Z Z=0~9, A~Z)	139.7 cm (55") TFT type, with LED backlight	TUV SUD
Metal enclosure	Interchangeable	Interchangeable	Metal, thickness: 0.81 mm min.	-
P.C.B	Interchangeable	Interchangeable	V-1 or better Min. 105 °C	UL
AC inlet	Solteam	ST-01	10 A, 250 Vac	VDE
(Alternate)	Zhang Jia Gang- Hua Jie	SA-4S	10 A, 250 Vac	VDE
(Alternate)	Rong Feng	SS-120, SS-7B	10 A, 250 Vac	VDE
(Alternate)	Shenzhen Delikang / Douling	CDJ-3, CDJ-3-1	10 A, 250 Vac	VDE
(Alternate)	Inalways	0707-1, 0711-2	10 A, 250 Vac	VDE
(Alternate)	Inalways	0714	10 A, 250 Vac	TUV
(Alternate)	TECX	TU-301 series	10 A, 250 Vac	VDE
(Alternate)	Yueqing Hongchang	DB-14	10 A, 250 Vac	VDE
(Alternate)	Solteam	SC04	10 A, 250 Vac	VDE
Power Switch	CHILY	3024 series	16(4) A, 250 Vac	VDE
(Alternate)	Rong Feng	RF-1003	10 A, 250 Vac	VDE
(Alternate)	Solteam Electronics Co Ltd	MR-21 series	10 A, 250 Vac	ENEC
(Alternate)	Solteam Electronics Co Ltd	MR-21	10 A, 250 Vac	VDE
(Alternate)	Solteam Electronics Co Ltd	MR-21S	6 A, 250 V	ENEC
(Alternate)	Solteam Electronics Co Ltd	MR-22 series	12(4) A, 250 V	ENEC
(Alternate)	Solteam Electronics Co Ltd	OR-L, OR-P	6 A, 250 Vac	ENEC
For Switching Power supply board mfr. TPV, type 715G6305				
Fuse (F901, F902)	Cooper Bussmann LLC	S505-xxx-R, S505-V-xxx-R	T 8 A, 250 Vac	VDE
(Alternate)	Littelfuse Inc	215-Series	T 8 A, 250 Vac	VDE
Varistor (RV9901, RV9902)	Thinking	TVR14681	14 Φ , 420 Vac, 560 Vdc, 40/85/56, 6 kV/3 kA, pulse test passed	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	Panasonic	V14681U	14 Φ , 420 Vac, 560 Vdc, 40/85/56, 6 kV/3 kA, pulse test passed	VDE
(Alternate)	EPCOS	SIOV-S14KV681, SIOV-SNF14K420	14 Φ , 420 Vac, 560 Vdc, 40/85/56, 6 kV/3 kA, pulse test passed	VDE
(Alternate)	Panasonic	ERZV14681U	14 Φ , 420 Vac, 560 Vdc, 40/85/56, 6 kV/3 kA, pulse test passed	VDE
Relay (SW9901)	Panasonic	LKP1aF412V	10 A, 250 Vac	TUV, Semko
(Alternate)	TYCO	SDT4S4112DMR	10 A, 250 Vac	TUV, Semko
Y-Capacitors (C9901, C9902, C9904, C9905, C9324, C9323) (Y1 or Y2 type)	Walsin	AC, AH	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE, FI
(Alternate)	Haohua	CT 7	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE, FI
(Alternate)	TDK	CS, CD	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE, FI
(Alternate)	Murata	KH, KX	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE, FI
(Alternate)	JYA-NAY	JN, JY	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE
(Alternate)	Hongming	F	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE
(Alternate)	YINAN DON'S ELECTRONIC COMPONENT CO., LTD	CT81	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE
(Alternate)	Kunshan Wansheng	CT7	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE
Y-Capacitor (C9322) (Y1 or Y2 type)	Walsin	AC, AH	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE, FI
(Alternate)	Haohua	CT 7	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE, FI

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	TDK	CS, CD	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE, FI
(Alternate)	Murata	KH, KX	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE
(Alternate)	JYA-NAY	JN, JY	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE
(Alternate)	Hongming	F	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE
(Alternate)	YINAN DON'S ELECTRONIC COMPONENT CO., LTD	CT81	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE
(Alternate)	Kunshan Wansheng	CT7	Max. 4700 pF, min. 250 Vac, min. 85 °C	VDE
X- Capacitor (C9903, C9906) (X1 or X2 type)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	0.47 µF, min. 250 Vac, min. 100 °C	VDE, FI
(Alternate)	Xiamen Faratronic Co., Ltd.	MKP62	0.47 µF, min. 250 Vac, min. 100 °C	VDE, FI
(Alternate)	Hua Jung Components Co., Ltd.	MKP	0.47 µF, min. 250 Vac, min. 100 °C	VDE, FI
(Alternate)	Europtronic (Taiwan) Industrial Corp.	MPX	0.47 µF, min. 250 Vac, min. 100 °C	VDE, FI
(Alternate)	Liow Gu Electronics Industry Co., Ltd.	GS-L	0.47 µF, min. 250 Vac, min. 100 °C	VDE, FI
(Alternate)	Kemet	R.46	0.47 µF, min. 250 Vac, min. 100 °C	VDE
(Alternate)	Epcos Electronic Components S A	B3292#	0.47 µF, min. 250 Vac, min. 100 °C	VDE
Bleeder Resistors (R9901, R9902)	Interchangeable	SMD type	390 k ohm, 1/4 W (located after fuse, two provided)	—
Discharge IC (U9901)	Power Integrations	CAP014DG	825 V min.	CB by Nemko
Transformer (T9101, T9102)	LI TAI	380GL52P507L	Class 130 material (B)	—
(Alternate)	TPV	S80GL52P507V	Class 130 material (B)	—

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	YUVA	380GL52P507N	Class 130 material (B)	—
Transformer (T9301)	YUVA	380GL32P531N	Class 130 material (B)	—
(Alternate)	LI TAI	380GL32P531L	Class 130 material (B)	—
(Alternate)	TPV	S80GL32P531V	Class 130 material (B)	—
Optocouplers (U9302, U9304, U9102)	Sharp	PC123	Di = more than 0.4 mm,, int = thermal cycling test, ext.>8.0 mm, 5000 Vac, 100 °C	VDE, Semko, Fimko, Nemko
(Alternate)	Vishay Semiconductor	TCET1103	Dti = more than 0.5 mm, Int. cr = more than 6.0 mm, Ext. cr = more than 7.7 mm, 3000 Vac, 100 °C	VDE, Semko, Fimko, Nemko
(Alternate)	Everlight Electronics Co., Ltd.	EL817, EL817M	Dti = more than 0.5 mm, Int. cr = more than 6.0 mm, Ext. cr = more than 7.7 mm, 3000 Vac, 100 °C	VDE, Semko, Fimko, Nemko
(Alternate)	TOSHIBA	TLP781F, TLP781	Dti = more than 0.5 mm, int. = thermal cycling test, Ext. cr = more than 8.0 mm, 4800 Vac, 100°C	VDE, Semko, Fimko
(Alternate)	TOSHIBA	TLP421F	Dti = more than 0.4 mm, int.cr = thermal cycling test, Ext. cr = more than 8.0 mm , 5000 Vac, 100 °C	VDE, Semko, Fimko
(Alternate)	RENESAS ELECTRONICS CORPORATION	PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1, PS2561DL1-1	Dti = more than 0.4 mm, int.cr = thermal cycling test, ext. c r= more than 8.0 mm, 5000 Vac, 100 °C	VDE, Nemko, Fimko

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	Everlight Electronics Co., Ltd.	EL1013	Dti = more than 0.4 mm, int.cr = thermal cycling test, ext. cr= more than 8.1 mm, 3000 Vac, 100 °C	VDE, Semko, Fimko, Nemko
Gas Tube (SG9903)	MITSUBISHI MATERIALS CORP	DA384362MBy (y=0 to 9 or A to X), DA384452MTy (y=0 to 9 or A to X) DA384622Mxy (x=B, T, F) (y=0 to 9 or A to X)	250 Vac, basic insulation	TUV
Power Cord Sets				
Plug	Ningbo Haoda Electronics Co., Ltd.	YD-3	16A, 250V	KC
(Alternate)	I-Sheng Manufacturing (Song Gang) Factory or I-Sheng Electronics (Kunshan) Co., Ltd.	SP-022, SP-023	16A, 250V	KC
(Alternate)	Weihai Honglin Electronic Co., Ltd.	HL-013, HL-014	16A, 250V	KC
(Alternate)	Fund Resources Electric Industry Co., Ltd. Shanghang	CE-502NJ	16A, 250V	KC
(Alternate)	Changzhou Hongchang Electronics Co., Ltd.	DTIII-2P-05	16A, 250V	KC
(Alternate)	Longwell Company	LP-486L	16A, 250V	KC
Cord	Ningbo Haoda Electronics Co., Ltd.	227 IEC53 (H05VV-F)	3G×0.75 mm ²	KC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	I-Sheng Manufacturing (Song Gang) Factory or I-Sheng Electronics (Kunshan) Co., Ltd.	227 IEC53 (H05VV-F)	3G×0.75 or 1.0 mm ²	KC
(Alternate)	Weihai Honglin Electronic Co., Ltd.	227 IEC53 (H05VV-F)	3G×0.75 mm ²	KC
(Alternate)	HL Technology Group Limited	227 IEC53 (H05VV-F)	3G×0.75 mm ²	KC
(Alternate)	Fund Resources Electric Industry Co., Ltd. Shanghang	227 IEC53 (H05VV-F)	3G×0.75 mm ²	KC
(Alternate)	Changzhou Hongchang Electronics Co., Ltd.	227 IEC53 (H05VV-F)	3G×0.75 mm ²	KC
(Alternate)	Longwell Company	227 IEC53 (H05VV-F)	3G×0.75 mm ²	KC
Coupler	Ningbo Haoda Electronics Co., Ltd.	YDT	10A, 250V	KC
(Alternate)	I-Sheng Manufacturing (Song Gang) Factory or I-Sheng Electronics (Kunshan) Co., Ltd.	IS-14	10A, 250V	KC
(Alternate)	Weihai Honglin Electronic Co., Ltd.	HL-026	10A, 250V	KC
(Alternate)	Fund Resources Electric Industry Co., Ltd. Shanghang	CE-601J	10A, 250V	KC
(Alternate)	Changzhou Hongchang Electronics Co., Ltd.	DTII-3P-04	10A, 250V	KC
(Alternate)	Longwell Company	LS-80	10A, 250V	KC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
☐ 유의사항 (Attention) : 1. 안전관리부품은 전기적인 안전에 직접적인 영향을 주는 부품으로서 안전인증기관이 정기공장검사 시 확인 관리 하는 사항입니다. 따라서 상기목록에 기재된 사항을 변경하거나 또는 복수등재를 원하시는 경우는 안전인증기관에 인증변경신청을 하여야 합니다. <i>As the "Critical components" are parts in directly related with safety, these components shall be checked during a factory inspection by the certification body. In case of applying multiful listing or changing the items above, the certification revision shall be applied.</i> 2. 인증변경신청 없이 임의로 변경하는 경우는, 전기용품안전관리법 제 8 조제 1 항의 규정에 의한 안전인증취소 사유가 됨을 유의하시기 바랍니다. <i>The Safety Certification will be cancelled under the Safety Control Law for Electrical Appliances, Paragraph 1 of Article 8 if the contents of the Certification is altered without our authorization.</i>				

FP511-10-00

☐ 첨부 2 : 기본모델 · 파생모델의 내용
General description of Certified Products

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
Not applicable	
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Review Report Ref. No. : 13-056459-02 (2014.01.16) Test Report Ref. No. : JPTUV-053659A1/M1 (2014.01.03) 2. Product Description - Measured Power Consumption: 296.8 W - Insulation Class: Class I - Protection against Ingress of water: IPX0 - Mass of Equipment: Approx. 29.01 kg (Unit with handle), 4 handles: 0.4 kg, one single base : 0.6 kg (Base A), 1.09 kg (Base B); 1.97 kg (external speaker)	
☐ 본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험담당자 : 전기전자본부 전자정보평가센터 박일우 / 02-860-1436 ☐ If you have any question on product testing, please contact the person below : Job holder: Electrical and Eletronic Division Electrics& IT Appliance Testing Center, Park Il-Woo / +82 2 860-1436	

FP511-09-00

☐ 첨부 3 : 전기용품안전인증의 변경 현황
Status of Certificate Revisions

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-11-00

☐ 별첨: 시료사진
Photographs



