

접 수 번 호 : 15-017286-01
(Receipt No.)



안전확인신고 증명서

Confirmation Letter of Declaration

신 고 번 호 : ZU10019-13030A 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)

주 소 : 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)

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

파 생 모 델 명 : X554UNV, MultiSync X554UNV
(Series Model)

안 전 기 준 : K60950-1(2011-12)
(Standard)

본 확인신고는 제 조 국 명 : 중국

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

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

We issue this Confirmation Letter of Declaration of the Safety Confirmation for the above electrical
appliance in accordance with Article 19(3) of the Enforcement Rule of the Electrical Appliances Safety
Control Act.

2015 년 04 월 03 일
Year month day



한국산업기술시험원
KOREA TESTING LABORATORY



※ 이 신고증명서는 「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.

- 첨부서류
1. 안전관리부품 및 재질목록 (List of Critical Components)
 2. 기본모델 · 파생모델의 내용 (Description of the basic and series model)
 3. 안전확인신고 내용의 변경 현황 (Revisions Status)

□ 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)	Eurotronic (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)
X554UNV	Same as basic model except for model designation.
MultiSync X554UNV	Same as basic model except for model designation.
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 : 디지털산업본부 정보조명평가센터 박일우 / 02-860-1436 ☐ If you have any question on product testing, please contact the person below : Job holder : S.M.A.R.T. Industry Division, IT & Lighting 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
1st Rev.) Addition of derivative models and Update standard (15-017286-01:2015.04.01) - Update standard: from K60950-1(2006-12) to K60950-1(2011-12) - Addition of derivative models: X554UNV, MultiSync X554UNV

FP511-11-00