

접 수 번 호 : 23-048817-01-1
(Receipt No.)



안전확인신고 증명서

Confirmation Letter of Declaration

신 고 번 호 : ZU10322-23019
(Application No.)

신 고 회 사 명 : TPV Electronics (Fujian) Co.,Ltd
(Applicant)

주 소 : Rongqiao Economic and Technological Development Zone, Fuqing
(Address) City, Fujian Province, P.R.China

제 품 명 : 모니터(LCD Monitor)
(Product)

기 본 모 델 명 : EA242WU
(Basic Model)

파 생 모 델 명 : EA242WU-BK
(Series Model)

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 1.40-0.70 A, Class I
(Rating)

안 전 기 준 : KC62368-1(2021-08)
(Standard)

본 확인신고는 제 조 국 명 : 중국
제조업자 명 : TPV Electronics (Fujian) Co.,Ltd
제조공장의 주소 : Rongqiao Economic and Technological Development Zone Fuqing
City, Fujian Province P.R.China
의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제28조제1항, 같은 조 제3항, 제29조제2항 또는 제34조제2항에 따라
안전확인신고 증명서를 발급합니다.

We issue this Confirmation Letter of Declaration of the Safety Confirmation for the above appliance in accordance
with the Article 28(1), 28(3), 29(2) or 34(2) of the Enforcement Rule of the Electrical Appliances and Consumer
Products Safety Control Act.

2023 년 08 월 18 일
Year month day

한국산업기술시험원장
KOREA TESTING LABORATORY



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

첨부서류

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



☐ 첨부 1 : 전기용품의 안전관리부품 및 재질목록
 List of Critical Components

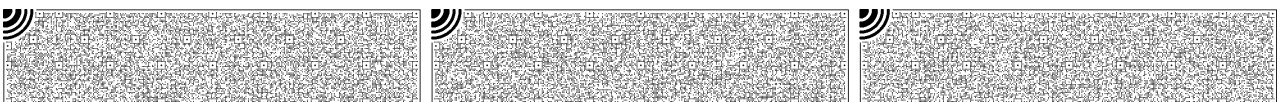
부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Plastic Enclosure (Rear enclosure and front enclosure)	LG CHEM LTD	LUPOY GN- 5001RF(T), LUPOY GN5001RF(T), LUPOY GN5001TF(#), LUPOY GN-5001TF(#), LUPOY GN- 5008HF(#), AF342(#)	V-0 or better, thickness 1.5 mm min. 60 °C.	UL
(Alternate)	LOTTE CHEMICAL CORPORATIO N	NH-1027(+), EN-1052(+), HM-1100(+), VE-0812(+), NE-1030(+), LS-1159SF, LS-1159F, NH-1036, NH-1017SG(+), ABF-1030NH	V-0 or better, thickness 1.5 mm min. 60 °C.	UL
(Alternate)	KingFa Sci & Tech Co., Ltd.	JH960 6(M), JH960 6(M) (ccc) (##), JH960-6(M) (ccc) (##), HF-606, CK-572(M1) (##), HF-626, FRABS- 518, FRABS-518C	V-0 or better, thickness 1.6 mm min. 60 °C.	UL
(Alternate)	LG CHEM LTD	LUPOY GN- 2101F(m) (f1)	V-0 or better, thickness 1.5 mm min. 90 °C.	UL
(Alternate)	LG Chem (Guangzhou) Engineering Plastics Co Ltd	GN-1002F (m)	V-0 or better, thickness 1.5 mm min. 80 °C.	UL
(Alternate)	TEIJIN CHEMICALS PLASTIC COMPOUNDS SHANGHAI LTD	TN-7500(c), MN-3600H(#), TN-7500M(#)	V-0 or better, thickness 1.5 mm min. 80 °C.	UL
(Alternate)	SAMYANG	210NHF(@), 210NHF	V-0 or better, thickness 1.5 mm min. 60 °C.	UL
(Alternate)	CHI MEI	PC-540(Y)(a)	V-0 or better, thickness 1.5 mm min. 80 °C.	UL
(Alternate)	ORINKO	PC-TH112	V-0 or better, thickness 1.6 mm min. 80 °C.	UL



부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	GUO HENG (DONGGU AN) PLASTIC TECHNOLOGY CO LTD	YOUHE26(##)	V-0 or better, thickness 1.5 mm min. 60 °C.	UL
(Alternate)	COVESTRO DEUTSCHLAN D AG	GF9011 MF + (z)	V-0 or better, thickness 1.5 mm min. 60 °C.	UL
LCD Panel	LG	LM240***** (* can be 0-9, a-z, A-Z, /, W, +, - or blank)	60.96 cm (24.0 inch) TFT type, with LED backlight.	--
PCB (other than power board)	Interchangeable	Interchangeable	V-1 or better Min. 130 °C.	UL
Switching Power Supply board type 715GC677				
AC inlet (CN901)	Yueqing Hongchang	DB-14-11-L	10 A, 250 Vac; 15 A, 250 Vac.	VDE
Fuse (F9901)	Littelfuse / Wickmann	392, 382 series	T5 A, 250 Vac.	VDE
(Alternate)	Conquer	MET, MST	T5 A, 250 Vac.	VDE
(Alternate)	Cooper Bussmann	SR-5, SS-5	T5 A, 250 Vac.	VDE
(Alternate)	Walter Electronic	2010 series	T5 A, 250 Vac.	VDE
Y-Capacitors (C9904, C9905) (Y1 type) (Optional)	Walsin	AH	Max. 4700 pF, min. 250 Vac, min. 85 °C.	VDE, FI
(Alternate)	TDK	CD	Max. 4700 pF, min. 250 Vac, min. 85 °C.	VDE, FI
(Alternate)	Murata	KX	Max. 4700 pF, min. 250 Vac, min. 85 °C.	VDE, FI
(Alternate)	JYA-NAY	JN	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
(Alternate)	Yunan Don's Electronic Component Co., Ltd.	CT81	Max. 4700 pF, min. 250 Vac, min. 85 °C.	VDE



부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	SUCCESS	SE	Max. 4700 pF, min. 250 Vac, min. 85 °C.	VDE
(Alternate)	SUCCESS	SB	Max. 2200 pF, min. 250 Vac, min. 85 °C.	VDE
(Alternate)	SUCCESS	SL	Max. 82pF, min. 250 Vac, min. 85 °C.	VDE
Y-Capacitors (C9902) (Y1 type) (Optional)	Walsin	AH	Max. 2200 pF, min. 250 Vac, min. 85 °C.	VDE, FI
(Alternate)	TDK	CD	Max. 2200 pF, min. 250 Vac, min. 85 °C.	VDE, FI
(Alternate)	Murata	KX	Max. 2200 pF, min. 250 Vac, min. 85 °C.	VDE, FI
(Alternate)	JYA-NAY	JN	Max. 2200 pF, min. 250 Vac, min. 85 °C.	VDE
(Alternate)	YINAN DON'S ELECTRONIC COMPONENT CO., LTD.	CT81	Max. 2200 pF, min. 250 Vac, min. 85 °C.	VDE
(Alternate)	Kunshan Wansheng	CT7	Max. 2200 pF, min. 250 Vac, min. 85 °C.	VDE
(Alternate)	SUCCESS	SE, SB	Max. 2200 pF, min. 250 Vac, min. 85 °C.	VDE
X-Capacitor (C9901) (X1 or X2 type) (Optional)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	Max.0.47 uF, min. 250 Vac, min. 110 °C.	VDE, FI
(Alternate)	Hua Jung Components Co., Ltd.	MKP	Max. 0.47 uF, min. 250 Vac, min. 110 °C.	ENEC, FI
(Alternate)	Eurotronic (Taiwan) Industrial Corp.	MPX, MPX2	Max. 0.47 uF, min. 250 Vac, min. 110 °C.	VDE, FI
(Alternate)	Liow Gu Electronics Industry Co., Ltd.	GS-L	Max. 0.47 uF, min. 250 Vac, min. 110 °C.	VDE, FI
(Alternate)	Kemet	R.46	Max. 0.47 uF, min. 250 Vac, min. 110 °C.	VDE



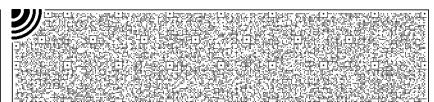
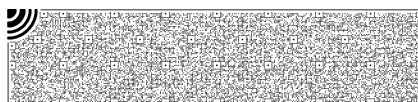
부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	TDK	B3292	Max. 0.47 uF, min. 250 Vac, min. 110 °C.	VDE
(Alternate)	NANJING TENGGEN RONG GUANG DA ELECTRONIC SALES CO., LTD.	MKP	Max. 0.47 uF, min. 250 Vac, min. 110 °C.	VDE
(Alternate)	FARAD	PXK	Max. 0.47 uF, min. 250 Vac, min. 110 °C.	VDE
(Alternate)	Jinghao	CBB62B	Max. 0.47 uF, min. 250 Vac, min. 110 °C.	VDE
Line Choke (L9901) (Optional)	Dadon / Channelon / DH	373G0174405H	130 °C.	--
(Alternate)	ASET	373G0174405X	130 °C.	--
(Alternate)	PHOENIX	373G0174405P	130 °C.	--
(Alternate)	LFDJ	373G0174405J	130 °C.	--
Line Choke (L9902) (Optional)	Dadon / Channelon / DH	373G0174592H	130 °C.	--
(Alternate)	LFDJ	373G0174592J	130 °C.	--
(Alternate)	TAICHANG	373G0174592S	130 °C.	--
PFC Choke (L9802) (Optional)	ASET	373G0174533X	130 °C.	--
(Alternate)	TAICHANG	373G0174533S	130 °C.	--
(Alternate)	LI TAI	373G0174533L	130 °C	--
Transformer (T9101)	TAICHANG	380GL32P535S	Class B.	Accepted by TUV Rheinland
(Alternate)	Heifei Phoenix Electronics Technology Co., Ltd	380GL32P535P	Class B.	Accepted by TUV Rheinland
(Alternate)	ASET	380GL32P535X	Class B.	Accepted by TUV Rheinland
(Alternate)	LI TAI	380GL32P535L	Class B.	Accepted by TUV Rheinland
Optocoupler (U9101)	Sharp	PC123	Reinforced insulation	VDE, Semko, Fimko, Nemko



부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	Vishay Semiconductor	TCET1103	Reinforced insulation	VDE, Semko, Fimko, Nemko
(Alternate)	Everlight Electronics Co., Ltd.	EL817, EL817M	Reinforced insulation	VDE, Semko, Fimko, Nemko
(Alternate)	TOSHIBA	TLP781F, TLP781	Reinforced insulation	VDE, Semko, Fimko
(Alternate)	TOSHIBA	TLP421F	Reinforced insulation	VDE, Semko, Fimko
(Alternate)	RENESAS ELECTRONICS CORPORATION	PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1, PS2561DL1-1	Reinforced insulation	VDE, Nemko, Fimko
(Alternate)	Everlight Electronics Co., Ltd.	EL1013	Reinforced insulation	VDE, Semko, Fimko, Nemko
(Alternate)	Lite-On	LTV-817	Reinforced insulation	VDE, Semko, Fimko, Nemko
PCB	Interchangeable	Interchangeable	V-1 or better, min. 130 °C.	UL
Power Cord Sets Plug:	- Ningbo Haoda	- YD-3	- 16 A, 250 V	KC
Connector:		YDT	10 A, 250 V	KC
Cord:		H05VV-F	3G x 0.75 mm ² 3G x 1.0 mm ² 3G x 1.5 mm ²	KC
(Alternate)	- Ningbo Haoda	- YD-3	- 16 A, 250 V	KC
		YDT	10 A, 250 V	KC
		H05RR-F	3G x 0.75 mm ² 3G x 1.0 mm ² 3G x 1.5 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)	— Ningbo Haoda	— YD-3 YDT H05RN-F	— 16 A, 250 V 10 A, 250 V 3G x 0.75 mm ² 3G x 1.0 mm ² 3G x 1.5 mm ²	KC KC KC
(Alternate)	— Ningbo Haoda	— YD-3 YDT H03W-F	— 16 A, 250 V 10 A, 250 V 3G x 0.75 mm ² 3G x 1.0 mm ² 3G x 1.5 mm ²	KC KC KC
(Alternate)	— Ningbo Haoda	— YD-3 YDT H07RN-F	— 16 A, 250 V 10 A, 250 V 3G x 0.75 mm ² 3G x 1.0 mm ² 3G x 1.5 mm ²	KC KC KC
(Alternate)	— Ningbo Haoda	— YD-3 YDT H03RT-H	— 16 A, 250 V 10 A, 250 V 3G x 0.75 mm ² 3G x 1.0 mm ² 3G x 1.5 mm ²	KC KC KC
(Alternate)	— I-Sheng	— SP-023 IS-14 H05VV-F	— 16 A, 250 V 10 A, 250 V 3G x 0.75 mm ² 3G x 1.0 mm ²	KC KC KC



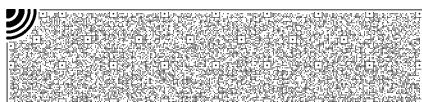
부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	I-Sheng	SP-023	16 A, 250 V	KC
		IS-15	16 A, 250 V	KC
		H05VV-F	3G x 0.75 mm ² 3G x 1.0 mm ²	KC
(Alternate)	I-Sheng	SP-022	16 A, 250 V	KC
		IS-14	10 A, 250 V	KC
		H05VV-F	3G x 0.75 mm ² 3G x 1.0 mm ²	KC
(Alternate)	I-Sheng	SP-022	16 A, 250 V	KC
		IS-15	16 A, 250 V	KC
		H05VV-F	3G x 0.75 mm ² 3G x 1.0 mm ²	KC
(Alternate)	HONGLIN	HL-013,	16 A, 250 V	KC
		HL-026	10 A, 250 V	KC
		H05VV-F	3G x 0.75 mm ² 3G x 1.0 mm ²	KC
(Alternate)	HONGLIN	HL-013	16 A, 250 V	KC
		HL-029	10 A, 250 V	KC
		H05VV-F	3G x 0.75 mm ² 3G x 1.0 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)	HONGLIN	HL-014	16 A, 250 V	KC
		HL-026	10 A, 250 V	KC
		H05VV-F	3G x 0.75 mm ² 3G x 1.0 mm ²	KC
(Alternate)	HONGLIN	HL-014	16 A, 250 V	KC
		HL-029	10 A, 250 V	KC
		H05VV-F	3G x 0.75 mm ² 3G x 1.0 mm ²	KC
(Alternate)	Fund Resources	CE-502NJ	16 A, 250 V	KC
		CE-602J	10 A, 250 V	KC
		H05VV-F	3G x 0.75 mm ² 3G x 1.0 mm ² 3G x 1.5 mm ²	KC
(Alternate)	Fund Resources	CE-502NJ	16 A, 250 V	KC
		CE-602J	10 A, 250 V	KC
		H03W-F	3G x 0.75 mm ² 3G x 1.0 mm ² 3G x 1.5 mm ²	KC
(Alternate)	Fund Resources	CE-502NJ	16 A, 250 V	KC
		CE-602J	10 A, 250 V	KC
		H05RR-F	3G x 0.75 mm ² 3G x 1.0 mm ² 3G x 1.5 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)	- Fund Resources	- CE-502NJ	- 16 A, 250 V	KC
		CE-602J	10 A, 250 V	KC
		H05RN-F	3G x 0.75 mm ² 3G x 1.0 mm ² 3G x 1.5 mm ²	KC
(Alternate)	- Fund Resources	- CE-502NJ	- 16 A, 250 V	KC
		CE-601J	10 A, 250 V	KC
		H05VV-F	3G x 0.75 mm ² 3G x 1.0 mm ² 3G x 1.5 mm ²	KC
(Alternate)	- Fund Resources	- CE-502NJ	- 16 A, 250 V	KC
		CE-601J	10 A, 250 V	KC
		H03W-F	3G x 0.75 mm ² 3G x 1.0 mm ² 3G x 1.5 mm ²	KC
(Alternate)	- Fund Resources	- CE-502NJ	- 16 A, 250 V	KC
		CE-601J	10 A, 250 V	KC
		H05RR-F	3G x 0.75 mm ² 3G x 1.0 mm ² 3G x 1.5 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)	- Fund Resources	- CE-502NJ	- 16 A, 250 V	KC
		CE-601J	10 A, 250 V	KC
		H05RN-F	3G x 0.75 mm ² 3G x 1.0 mm ² 3G x 1.5 mm ²	KC
(Alternate)	- Changzhou Hongchang	- DTIII-2P-05	- 16 A, 250 V	KC
		DTII-3P-04	10 A, 250 V	KC
		60227 KS IEC53 3x0.75 mm ²	3G 0.75 mm ²	KC

☐ 유의사항 (Attention) :

1. 안전관리부품은 전기적인 안전에 직접적인 영향을 주는 부품으로서 안전인증기관이 정기공장검사 시 확인 관리 하는 사항입니다. 따라서 상기목록에 기재된 사항을 변경하거나 또는 복수등록을 원하시는 경우는 안전인증기관에 인증변경신청을 하여야 합니다.

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 multiple listing or changing the items above, the certification revision shall be applied.

2. 인증변경신청 없이 임의로 변경하는 경우는, 전기용품 및 생활용품 안전관리법 시행규칙 제 21 조제 1 항 또는 제 38 조제 1 항 규정에 의한 안전인증 취소 혹은 안전확인신고 효력상실 사유가 됨을 유의하시기 바랍니다.

The Safety Certification will be cancelled under the Article 21(1), 38(1) of the Enforcement Rule of the Electrical appliances and Consumer Products Safety Control Act if the contents of the Certification is altered without our authorization.

FP511-04



※ 위 마크는 추후 전자확인증 대조 프로그램에서 원본대조시 사용되는 2D코드입니다.

☐ 첨부 2 : 기본모델 · 파생모델의 내용

Description of the basic and series model

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
EA242WU-BK	It is identical with basic model except for model designation.
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Review Ref. No.: 23-048817-01-2 - TUV SUD Asia Ltd. Ref. No.: JPTUV-132264 2. Product Description: - Measured Power Consumption: 113 W - Insulation Class: Class I - Protection against Ingress of water: IPX0 - Mass of Equipment: Max. 6.41 kg (with base stand) Max. 2.29 kg (for base stand)	
☐ 본 제품의 검토내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 검토담당자 / 연락처 : 고객지원본부 인증융합평가센터 장 재용 / 02-860-1137 ☐ If you have any question on product review, please contact the person below : Job holder: Customer Support Division, Certification Convergence Evaluation Center, J.Y.Jang / +82 2 860 1137	

FP511-05

☐ 첨부 3 : 안전확인신고 내용의 변경 현황

Revisions Status

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-06



※ 위 마크는 추후 전자확인증 대조 프로그램에서 원본대조시 사용되는 2D코드입니다.



신고번호 : ZU10322-23019
Application No.

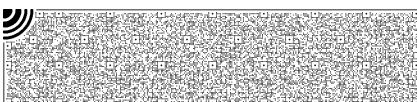
KTL Ref. No.: 23-048817-01-2
TUV SUD Asia Ltd. Ref. No.: JPTUV-132264

☐ 첨부 : 제품사진
Photographs

External front view

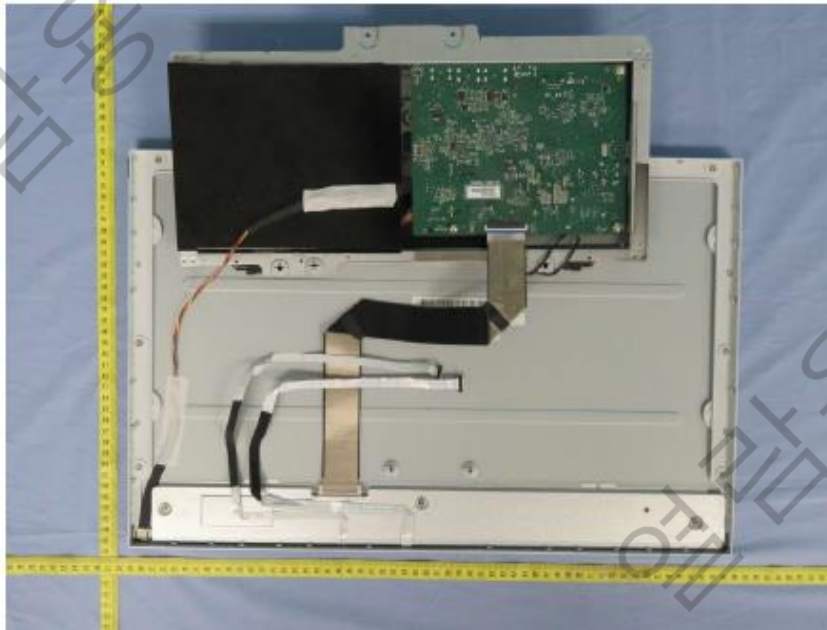


External rear view

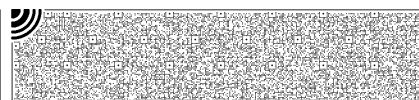
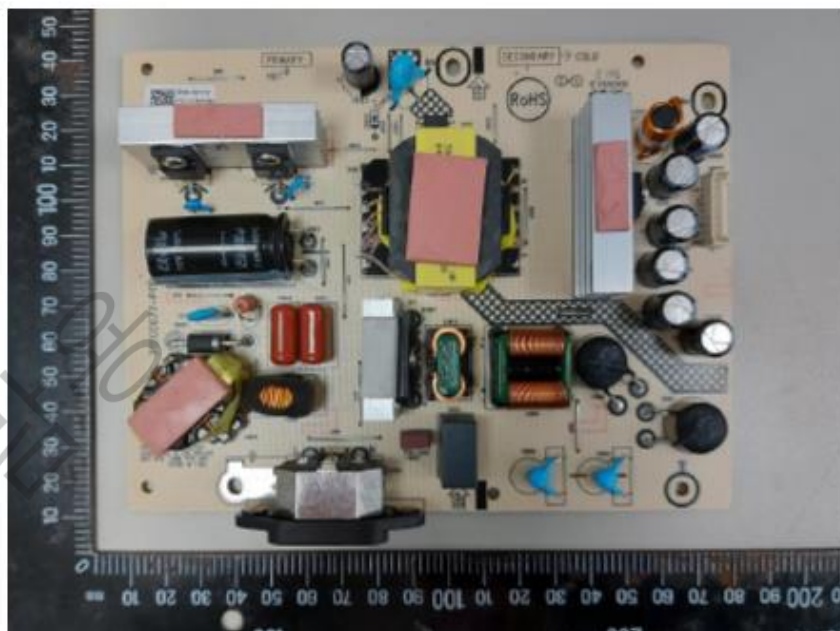


※ 위 마크는 추후 전자확인증 대조 프로그램에서 원본대조시 사용되는 2D코드입니다.

Internal view



Power board component side model



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