

접수번호
(Receipt No.)

111020-1004



자율안전확인 신고증명서

Confirmation Letter of Declaration

신고번호 : ZM09001-11001
(Application No.)

유효기간 만료일 : 2010년04월10일
(Validity Period)

신청업체명 : 삼성테크윈(주)
(Applicant)

대표자명 : 오창석
(President)

소재지 : 경상남도 창원시 성주군 28
(Address)

제품명 : 디스크플레이어(DVR)
(Product)

기본모델명 : SRD-1652D
(Basic Model)

정격 : AC100-240V~, 50/60Hz, 110W
(Rating)

모델명 : SRD-852D
(Series Model)

적용규격 : K60065(7)(2008-11), K60022(2009-12), K00024(2009-12)
(Standard)

공인인증기관 : 한국전자기술연구원

제조업체 : 삼성테크윈(주) 외 제조업체 해당

본 인증증명서는 「전자제품안전관리법」 제14조제1항에 따라 제조업체가 안전성 확인을 위하여 한국전자기술연구원으로부터 자율안전확인 신고증명서를 발급받습니다.

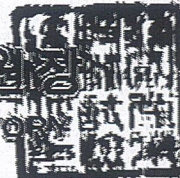
This is hereby here The Confirmation Letter of Declaration Self-Regulatory Safety Confirmation in accordance with Article 14 Section 1 of the Electronic Appliances Safety Control Law Enforcement Regulation.

2011년 04월 10일
year month day

ktl

한국산업기술시험원

KOREA TESTING LABORATORY



본 인증증명서는 「전자제품안전관리법」 제14조제1항에 따라 제조업체가 안전성 확인을 위하여 한국전자기술연구원으로부터 자율안전확인 신고증명서를 발급받습니다.

- 첨부 : 1. 안전관리부품 및 제철목록 (List of Critical Components)
(Annex) 2. 기본모델·파생모델의 내용 (General Descriptions of Certified Products)
3. 자율안전확인신고 내용의 변경 현황 (Status of Certificate Revisions)



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□ 첨부 1 : 안전관리부품 및 재질목록
List of Critical Components

부품명 (회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(종식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Power supply	FSP Group Inc.	FSP250-50GUB	4-1.5 A 100-240 V~ 50-60 Hz (DC output: 17.0 A, +3.3 V 18.0 A, +5 V 17.0 A, +12 V 0.8 A, -12 V 2.0 A, +5 Vsb +3.3 V and +5 V = 105 W max.	NEMKO
Enclosure	Various	Various	Metal, Min 0.7mm thickness	-
PCB	Various	Various	V-1 or better, 130°C	UL
Appliance inlet	Inalways	0711, 0714	10A, 250V 70°C	VDE, UL
	Rong Feng	SS-7B, SS-120		
	Hua Feng	HF-301		
	Kautt&Buxko	SFF330		
	Solteam	ST-01		
	Supercom	SO-9		
	Rich Bay	R-301SN		
	Rich Bay	R-301		
	Hua Jia	SA-4S		
	Canal	KS-201		
	Jackson	JR-101S		
Discharge resistor (RX4)	TA-I	RD	2.2MΩ, min. 1/4W (located before fuse)	VDE
	Pilkor	MSR 37		
	Yageo Corporation	RSF		
	Uniroyal	MGR		
	Vishay	VR37		
	Tai Ohm	MO		



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부품명 (회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
X-capacitor (CX4)	BC components	335 1...	0.33μ F, 250V min., min. 85°C (located before fuse)	FI, VDE, UL
	BC components	335 91...		
	Arcotronics	1.40, 1.58		
	Arcotronics	R.46, R.49		
	Iskra	KNB1580		
	Iskra	KNB1560		
	Iskra	KNB1562		
	Iskra	KNB1563		
	Okaya	PA, RE, LE		
	Matsushita	ECQ-UV		
	Matsushita	ECQUG		
	Vishay	F1772-...-2...		
	Vishay	F1778-XXX X2XXXX		
	UTX Enterprise	HQX		
	Cheng Tung	CTX		
	Teapo	XG-H.		
	Teapo	XG-VS		
	Teapo	XG-VP		
	Chiefcon	CKX		
	Shiny Space	SX1		
	Carli	MPX		
Y-Capacitors (CY5, CY6)	Murata	KD, KH, KX	1000pF, min, 250V, min. 85°C, Y1 or Y2 cap.	FI, VDE, UL
	Matsushita	NS-A, TS, RS		
	TDK	CD, OS		
	Vishay	WKP, WYO		
	Samsung	AD, AA		
	Success	SF, SB, SE		
	Walsin	AC, AH		
	Sam Wha	SC		



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Fuse (F1)	Walter	ICP	T6.3A, 250V	VDE, UL
	Conquer	PTU		
	Sleek	36ES		
X-capacitor (CX1)	Arcotronics	1.40	0.47 μ F, 250V min., min. 100°C (located after fuse)	FI, VDE, UL
	Arcotronics	R.47, R.46		
	Iskra	KNB1530		
	Iskra	KNB1560		
	Iskra	KNB1562		
	Iskra	KNB1563		
	Okaya	PA, RE, LE		
	Matsushita	ECQUG		
	Hua Jung	MKP		
	Vishay	F1772, F1778		
	UTX Enterprise	HQX		
	Cheng Tung	CTX		
	Chiefcon	CKX		
	Shiny Space	SX1		
	Carli	MPX		
Discharge resistors (RX1, RX2)	Various	SMD Type	1M Ω , min. 1/4W (Two in series, located after fuse)	
Y-Capacitors (CY1, CY2)	Murata	KH, KX	2200pF, min. 250V, min. 125°C, Y1 or Y2 cap.	FI, VDE, UL
	Matsushita	NS-A, TS		
	TDK	CD, CS		
	Vishay	WKP, WYO		
	Samsung	AD		
	Success	SB, SE		
	Pan Overseas	AC		
	Vishay	VY1, VY2		



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부품명 (회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	검격 또는 특성 Rating or Characteristics	인검마크 Tested by
Varistor (RV1)	Thinking	TVR10471-V	Min. 300Vac, 385Vdc (Loc. after fuse and not connected between prim. and GND)	VDE, UL
	Thinking	TVR10471-D		
	Thinking	TVR14471		
	Thinking	TVR14471-D		
Main Transformer (T1)	SPI	8TD00151	Class B V-0, Phenolic V-0 V-0 V-0 V-0	UL
	SPI	8TD00183		
Bobbin Margin tape	Chang Chun	T375J		
	3M	44		
	Bondtec	201		
Insul. Tape	3M	1350F-1		
	Bondtec	371F		
Stand-by Transformer (T2)	SPI	8TA00092	Class B V-0, Phenolic V-0 130°C	UL
Bobbin Insul. tape Triple	Sumitomo 3M	PM-9820 1350F		
Insul. Wire Stand-by	Great Looflon	TRW(B)-XXX		
Optocouplers (M2, M3, M5)	Lite-On	LTV-817	See appendix Opto electronic device, min. 100°C	FI, VDE, UL
	Toshiba	TLP721.		
	Vishay	TCET1108		
	Vishay	TCET1103		
	Vishay	TCET1109		
	NEC	PS 2561..-		
	Matsushita	ON3171..		
	Sharp	PC12., PC123		
	Cosmo	K1010X, C1010		
	Vishay	SFH617A		
	Fairchild	H11A817		



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부품명 (회로기호) Component (Part no.)	제조사 (상표명) Manufacturer (Brand)	모델명 (종식) Model (Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Bridging Capacitor (CY8)	Murata	KX	2200pF, min, 250V, min. 125°C, Y1 cap.	FI, VDE, UL
	Vishay	VY1		
	TDK	CD		
	Pan Overseas	AH		
	Success	SE, SB		
	Samsung	AD		
	Matsushita	NS-A		
Thermistor (RT90)	Various	Various	10kΩ at 25°C	-
Components for Main Assembly:				
DVD Writer	Toshiba Samsung Storage Technology	TS-H663* or TS-H662 or SH-S222	Class 1 laser product, rated : 1.0 A, 1.5 A or 2.5 A 5 Vdc, 1.5 A, 2.0 A or 3.0 A 12 Vdc	NEMKO
alternate	Toshiba Samsung Storage Technology	TS-H663* or TS-H662 or SH-S202 or SH-S203 or SH-S223	Class 1 laser product, rated : 1.0 A, 1.5 A or 2.5 A 5 Vdc, 1.5 A, 2.0 A or 3.0 A 12 Vdc	NEMKO
alternate	Toshiba Samsung Storage Technology	SH-S243	Class 1 laser product, rated : 1.0 A, 1.5 A or 2.5 A 5 Vdc, 1.5 A, 2.0 A or 3.0 A 12 Vdc	NEMKO
Front Enclosure	Various	Various	Min. HB75	Tested in unit
Enclosure (Except front)	Various	Various	Metal, Min 0.5 mm	Tested in unit
Power Cord	Longwell	H05VV-F	3 x 0.75 mm ²	EK
Power Plug	Longwell	LP-486	16 A, 250 V~	EK
Appliance Coupler	Longwell	LS-80	10 A, 250 V~	EK
Internal wires	Various	Various	300 V, 85 oC	UL
Battery (U9)	Hitachi Maxell Ltd	CR2025	3.0 Vdc, Max Abnormal Charging Current 10 mA	UL(MH12568)
alternate	Vic-Dawn Enterprise Co., Ltd	CR2025	3.0 Vdc, Max Abnormal Charging Current 10 mA	UL(MH20550)
Protection IC (IC 35) for battery	MAXIM INTEGRATED PRODUCTS	DS3232#	Vcc = 2.3 ~ 5.5 Vdc	UL(E141114)
DC Fan	Protechnic Electric Co., Ltd	MGT8012MRO25	DC 12 V, 0.15 A	TUV
PCB	various	various	V-1, Min. 105°C	UL



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☐ 유의사항 (Attention) : 1. 안전관리부품은 전기적인 안전에 직접적인 영향을 주는 부품으로서 안전인증기관이 전기공장검사 시 확인 관리 하는 사항입니다. 따라서 상기목록에 기재된 사항을 변경하거나 또는 특수동재를 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 될을 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



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

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative models
SRD-852D	8 channel
시험조건 및 시험조건 Remarks & Test conditions	
1. Test Report Ref. No. : 11-1920-1604 (2011.04.18.) 2. Product Description - Power Consumption : 107.3 W - Insulation Class: Class I - Weight of equipment : 7.1 kg	
□ 본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험담당자 : 디지털산업본부 전기전자평가센터 모성희 / (02)860-1432 □ If you have any question on product testing, please contact the person below : Job holder : Digital Industry Division Electrics & Electronics Testing Center, SUNGHEE MO / +82 2 8601-432	

FP511-09-00

□ 첨부 3 : 전기용품안전인증의 변경 현황
 Status of Certificate Revisions

변경내용 Contents of Certificate Revisions
Not applicable

FP511-11-00