





Bill of Materials

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Source Data From: HardwareWatchdog.PrjPcb  
Project: HardwareWatchdog.PrjPcb  
Variant: None

Creation Date: 29. 6. 2024. 19:40:14  
Print Date: 29-Jun-24 7:40:22 PM

Footprint	Comment	Value	Designator	Description	Quantity
CAP 0603_1608	0.1 µF	0.1 µF	C1	CAP CER 0.1UF 50V X7R 0603	1
CAP 0805_2012	10 µF	10 µF	C2	CAP CER 10UF 35V X5R 0805	1
CAP 0603_1608	10 nF	10 nF	C3	CAP CER 0603 10NF 100V X7R	1
1.6X0.8X0.8	Green	Green	D1	LED GREEN CLEAR SMD	1
DIODES SOT-323-3	MMBD4148W-7-F		D2	DIODE GEN PURP 75V 150MA SOT323	1
1.6X0.8X0.8	Red	Red	D3, D5	LED RED CLEAR SMD	2
LITEON LTV-817	LTV-817S-TA		D4	OPTOISOLATR 5KV TRANSISTOR 4-SMD	1
DIODES SOT-23-3	DMP3056L-7		IC1	MOSFET P-CH 30V 4.3A SOT23	1
DIODES SOT-23-3	2N7002AQ-7		IC2, IC3	MOSFET N-CH 60V 180MA SOT23	2
FINDER 40.31	FINDER 40.31		K1		1
TERMINAL BLOK 2	POWER IN		P1	Terminal blok konektor 3,5 mm	1
TERMINAL BLOK 2	POWER OUT		P2	Terminal blok konektor 3,5 mm	1
TERMINAL BLOK 3	RELAY OUT		P3	3 pinski terminal blok konektor	1
TERMINAL BLOK 2	TRIGGER		P4	Terminal blok konektor 3,5 mm	1
RES 0805_2012	4.7 kOhms	4.7 kOhms	R1, R4	RES 4.7K OHM 1% 1/4W 0805	2
RES 0805_2012	270 kOhms	270 kOhms	R2	RES SMD 270K OHM 1% 1/8W 0805	1
RES 0805_2012	47 kOhms	47 kOhms	R3	RES SMD 47K OHM 1% 1/8W 0805	1
RES 0805_2012	820 kOhms	820 kOhms	R5	RES SMD 820K OHM 1% 1/8W 0805	1
RES 0805_2012	330 Ohms	330 Ohms	R6	RES 1K OHM 1% 1/8W 0805	1
RES 0805_2012	10 kOhms	10 kOhms	R7, R8	RES SMD 10K OHM 1% 1/8W 0805, RES SMD 27K OHM 1% 1/8W 0805	2
FP-D0008A-IPC_B	NE555DR		U1	IC OSC SGL TIMER 100KHZ 8-SOIC	1
					25
Approved		Notes			