





Bill of Materials

Zaštita od vjetra

Source Data From:	DE-230724.PrjPcb
Project:	DE-230724.PrjPcb
Variant:	None

Creation Date:	24. 7. 2024.	16:43:26
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Footprint	Comment	LibRef	Designator	Description	Quantity
0603	C0603	C0603	C1, C2, C4, C5, C8, C10	Ceramic Chip Capacitor - 25V, Ceramic Chip Capacitor - 25V, Ceramic Chip Capacitor - 25V, Ceramic Chip Capacitor - 25V, Ceramic Chip Capacitor - Standard, Ceramic Chip Capacitor - Standard	6
0805	C0805	C0805	C3	Ceramic Chip Capacitor - 25V	1
0,33uF X2	330nF X2	0,33uF X2	C6	Dipped Radial Multilayer Ceramic Capacitor COG (NPO): 330nF 275VAC X2	1
CAPPR2-5X11	22uF	EKA00AA247F00	C7	Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 47uF, 35V	1
CAPPR5-10X12.5	470uF	EKA00DC347E00	C9	Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 470uF, 25V	1
ONSC-TO-220-3-221A-07	BTA16-600	BTA08-600BW3G	D1, D2, D3, D4	Triacs, Silicon Bidirectional Thyristor, 3-Pin TO-220, Pb-Free, Tube	4
LED 3mm SMB	STATUS_LED	LED 3mm	D5		1
LED 3mm	1N4007	Diode 1N4007	D6, D7, D9, D11	1 Amp General Purpose Rectifier	4
DO-41	HOLD_LED	LED 3mm	D8		1
PIN-W2/E2.8	9V1	Diode 1N914	D10	High Conductance Fast Diode	1
0603	Fuse 1	Fuse 1	F1	Fuse	1
TERMINAL BLOK 2 - 7mm	BLM15AG121	Inductor_SMD	L1	Inductor	1
TERMINAL BLOK 2 - 3,5mm	PULSE	TERMINAL BLOK 2	P1	Terminal blok konektor 3,5 mm	1
TERMINAL BLOK 2 - 3,5mm	220Vac	TERMINAL BLOK 2	P2, P3, P4, P5	Terminal blok konektor 3,5 mm	4
HDR1X3	ICSP	Header 3	P6	Header, 3-Pin	1
TERMINAL BLOK 2 - 7mm	ACIN	TERMINAL BLOK 2	P7	Terminal blok konektor 3,5 mm	1
SOT23_N	BC817	BC817	Q1	NPN General-purpose Transistor	1
ERA-0603	1K	ERAV	R1, R19	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	2
ERA-0805	220R	ERAS	R2, R3, R4, R7, R8, R9, R11, R12, R13, R14, R15, R16	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0805 Size, 0.1 W	12
HDR1X3	RPot	RPot	R5, R10	Potentiometer	2
ERA-0603	10K	ERAV	R6, R17, R20, R22	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	4
ERA-0603	470R	ERAV	R18	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	1
AXIAL-0.4	Res2	Res2	R21	Resistor	1
AXIAL-0.3	Res1	Res1	R23	Resistor	1
DIP-4	PC817	PC817	U1	4-Pin Phototransistor Optocoupler	1
DIP6	MOC3081	MOC3081	U2, U3, U4, U6	Zero-Cross Optoisolator Triac Driver	4
STM-TSSOP20_N	STM32F030F4P6	STM32F030F4P6	U5	ARM Cortex-M0 32-bit MCU, 16 KB Flash, 4 KB Internal RAM, 15 I/Os, 20-pin TSSOP, -40 to 85 degC, Tube	1
DBZ3_N	TLV803MDBZR	TLV803MDBZR	U7	Voltage Supervisor with Active-Low, Open Drain Reset, 1 Supply Monitored, -40 to 125 degC, 3-pin SOT-23 (DBZ), Green (RoHS & no Sb/Br)	1
ZZ311	REG1117-3.3	REG1117-3.3	U8	800mA and 1A Low Dropout Positive Regulator 2.85V, 3.3V, 5V, and Adjustable	1

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Approved	Notes