





Bill of Materials			Kontroler ventilatora		
Source Data From:			DE-250624.PrjPcb		
Project:			DE-250624.PrjPcb		
Variant:			None		
Creation Date: 25. 7. 2024.			11:36:29		
Print Date: 25-Jul-24			11:36:44 AM		
Footprint	Comment	Value	Designator	Description	Quantity
0603	C0603	100nF, 100nF, 100nF, 1uF, 100nF, 100nF, 100pF, 100nF, 100nF, 100nF	C1, C3, C4, C5, C6, C7, C13, C19, C22, C23	Ceramic Chip Capacitor - 25V	10
0805	C0805	10uF, 22uF, 22uF, 22uF, 22uF, 22uF, 22uF, 10uF, 22uF, 22uF, 22uF, 22uF, 22uF, 22uF	C2, C10, C11, C12, C15, C16, C17, C18, C20, C24, C25, C26, C27, C28, C29, C30	Ceramic Chip Capacitor - 25V, Ceramic Chip Capacitor - 35V, Ceramic Chip Capacitor - 35V, Ceramic Chip Capacitor - 25V, Ceramic Chip Capacitor - 25V, Ceramic Chip Capacitor - 25V, Ceramic Chip Capacitor - 25V, Ceramic Chip Capacitor - 35V, Ceramic Chip Capacitor - 35V, Ceramic Chip Capacitor - 35V, Ceramic Chip Capacitor - 35V, Ceramic Chip Capacitor - 35V, Ceramic Chip Capacitor - 35V	16
0603	100nF	100nF	C8, C9	Ceramic Chip Capacitor - 25V	2
E (8.2 x 4.3 mm)	22uF	22uF	C14, C21	Tantalum Chip Capacitor: 22uF 25VDC	2
LED sa rupom	LED_ON_OFF		D1	Avago HSMW-C265	1
LED sa rupom	LED_HREC		D2	Avago HSML-C265	1
LED sa rupom	LED_VENT		D3	Avago HSMR-C265	1
LED sa rupom	LED_SPEED_4		D4	Avago HSMW-C265	1
LED sa rupom	LED_SPEED_3		D5	Avago HSMW-C265	1
LED sa rupom	LED_SPEED_2		D6	Avago HSMW-C265	1
LED sa rupom	LED_SPEED_1		D7	Avago HSMW-C265	1
PIN-W2/E2.8	02RG0120FF1E		F1	30 VDC 2 A Resettable Fuse - PPTC	1
ASPI-4030S	ASPI-4030S-100M-T		L1, L2	Wire Wound Magnetically Shielded SMD Power Inductor	2
HDR1X3	IC5P		P1	Header: 3-Pin	1
TERMINAL BLOK 3	VENT		P2	3 pinski terminal blok konektor	1
TERMINAL BLOK 2	DC_IN		P3	Terminal blok konektor 3,5 mm	1
SOT23_N	2MN3B14F		Q1, Q2	N-channel Enhancement Mode Vertical D-MOSFET	2
ERA-0603	2K2		R1, R3, R4, R7, R8, R9, R13	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	7
ERA-0603	10K		R2, R6, R10, R11, R12, R18	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	6
ERA-0603	10R		R5	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	1
ERA-0603	22K		R14, R16	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	2
ERA-0603	120K		R15	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	1
ERA-0603	1K2		R17	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	1
ERA-0603	330K		R19	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	1
SENSOR_P AD	SENS_SPEED_1		S1		1
SENSOR_P AD	SENS_SPEED_2		S2		1
SENSOR_P AD	SENS_SPEED_3		S3		1
SENSOR_P AD	SENS_SPEED_4		S4		1
SENSOR_P AD	SENS_GUARD		S5		1
SENSOR_P AD	SENS_ON_OFF		S6		1
SENSOR_P AD	SENS_MODE		S7		1
STM-TSSOP20_N	STM32F030F4P6		U1	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
SOIC14	CAP1298		U2	8 channel capacitive sensor ic	1
SC70-LTS_N	24AA01T-ILT		U3	1Kbit, 400kHz, 2.5V, I2C Serial EEPROM, 5-Pin SC70, Industrial Temperature, Tape and Reel	1
TSOT-26	AP63200		U4	2A synchronous buck converter	1
TSOT-26	AP63203		U5	2A synchronous buck converter	1
Approved			Notes		76