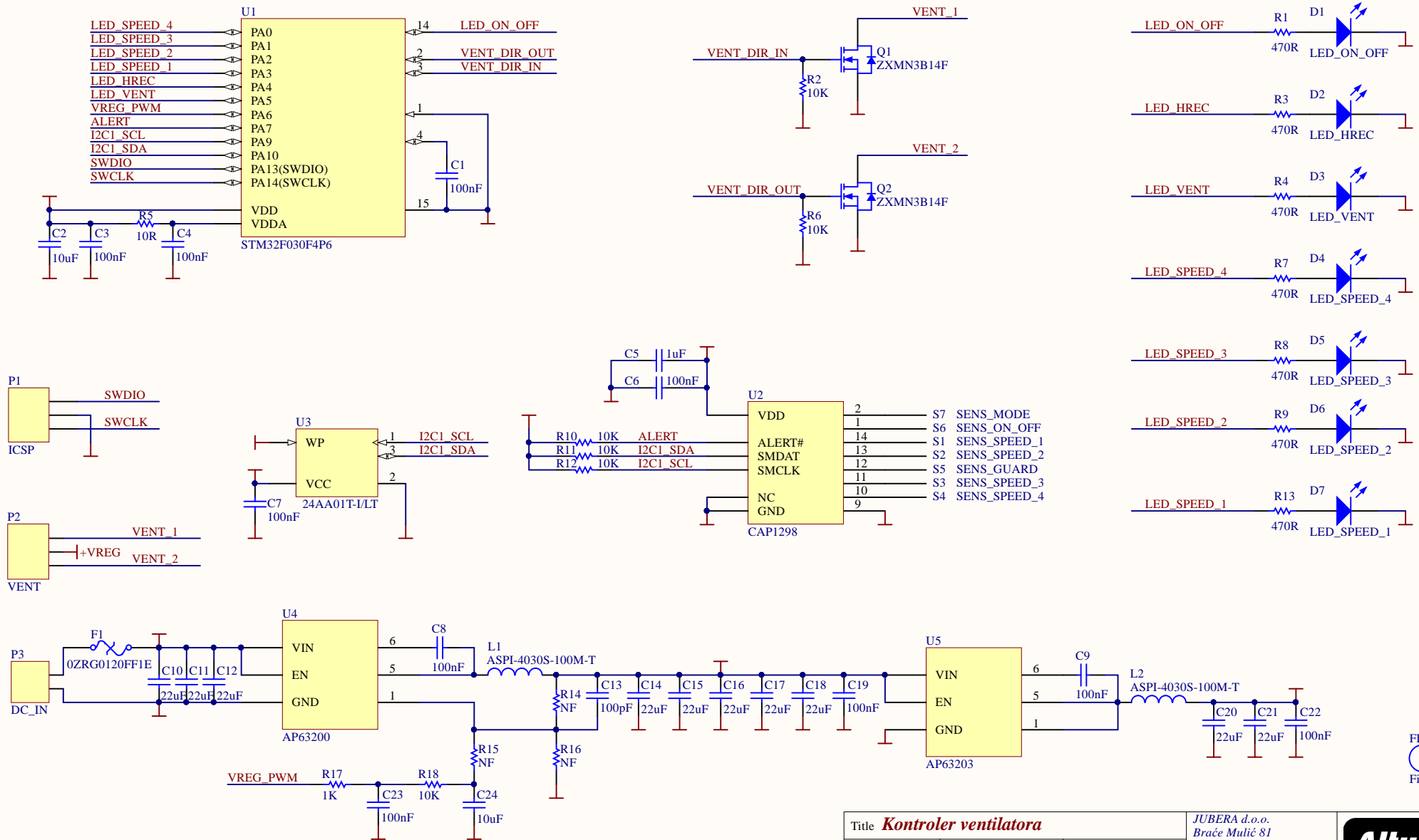


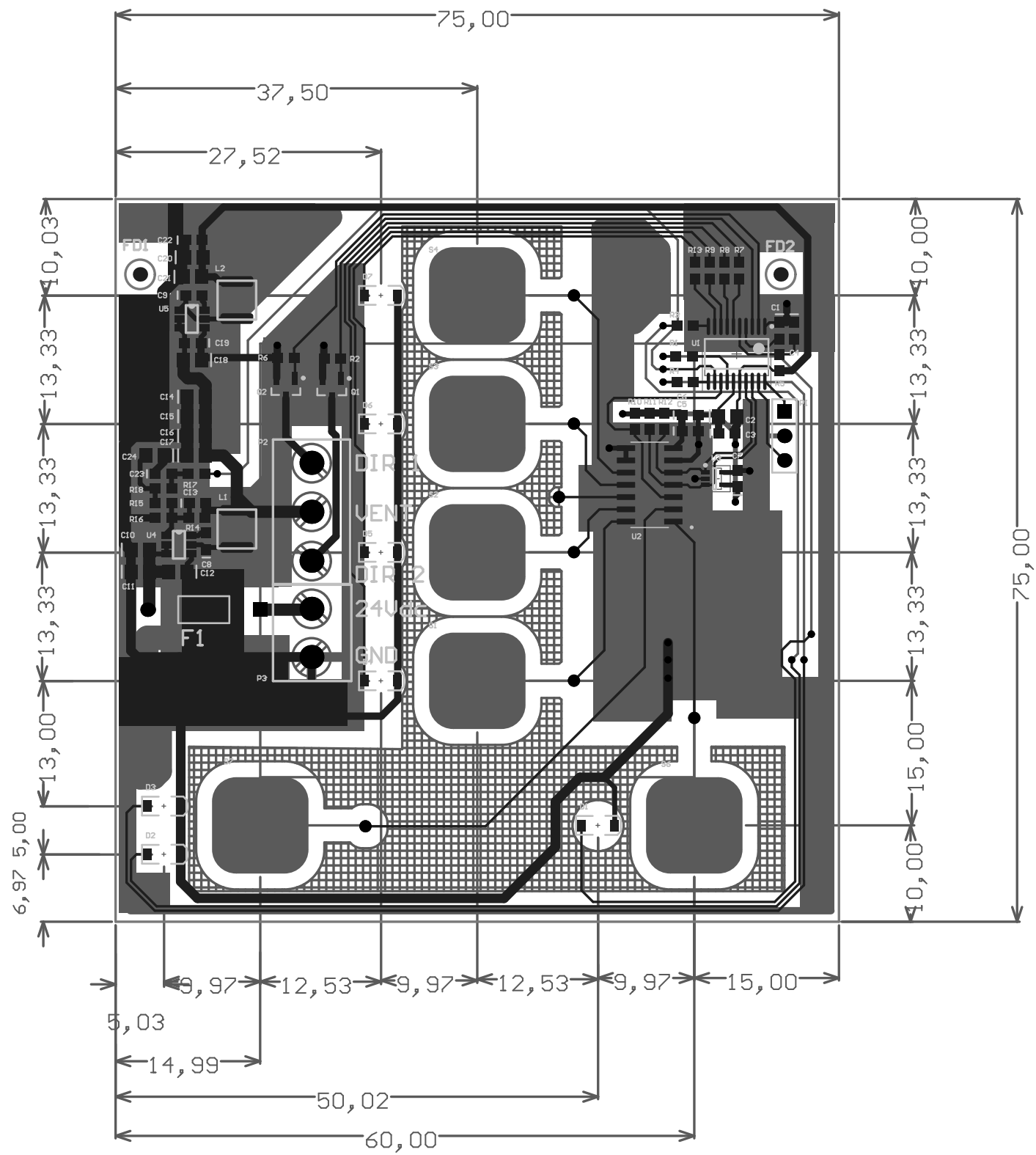
FD1
Fiducial



FD2
Fiducial

Title Kontroler ventilatora			JUBERA d.o.o. Braće Mulić 81 71000 Sarajevo Federacija BiH Bosna i Hercegovina
Size: A4	Number: DE-250624	Revision: 001	
Date: 28. 6. 2024.	Time: 19:33:42	Sheet* of *	
File: D:\Projekti\Otvoreni\FreshAir\hw\DE-250624\DE-250624.SchDoc			

Altium



Bill of Materials

Kontroler ventilatora

Source Data From: DE-250624.PrjPcb
Project: DE-250624.PrjPcb
Variant: None

Creation Date: 28. 6. 2024. 19:33:45
Print Date: 28-Jun-24 7:33:58 PM

Footprint	Comment	Value	Designator	Description	Quantity
PIN-W2/E2.8 ERA-0603	0ZRG0120FF1E 1K		F1	30 VDC 2 A Resettable Fuse - PPTC	1
			R17	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	1
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
SC70-LT5_N	24AA01T-I/LT		U3	1Kbit, 400kHz, 2.5V, I2C Serial EEPROM, 5-Pin SC70, Industrial Temperature, Tape and Reel	1
0603	100nF	100nF	C8, C9	Ceramic Chip Capacitor - Standard	2
ERA-0603	470R		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
TSOT-26	AP63200		U4	2A synchronous buck converter	1
TSOT-26	AP63203		U5	2A synchronous buck converter	1
ASPI-4030S- 100M-T	ASPI-4030S- 100M-T		L1, L2	Wire Wound Magnetically Shielded SMD Power Inductor	2
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 - Standard	10
0805	C0805	10uF, 22uF, 22uF, 22uF, 22uF, 22uF, 22uF, 22uF, 22uF, 22uF, 22uF, 10uF	C2, C10, C11, C12, C14, C15, C16, C17, C18, C20, C21, C24	Ceramic Chip Capacitor - Standard	12
SOIC14 TERMINAL BLOK 2	CAP1298 DC_IN		U2	8 chanel capacitive sensor ic	1
HDR1X3			P3	Terminal blok konektor 3,5 mm	1
LED sa rupom	ICSP LED_HREC		P1	Header, 3-Pin	1
LED sa rupom	LED_ON_OFF		D2	Avago HSMW-C265	1
LED sa rupom	LED_SPEED_1		D1	Avago HSMW-C265	1
LED sa rupom	LED_SPEED_2		D7	Avago HSMW-C265	1
LED sa rupom	LED_SPEED_3		D6	Avago HSMW-C265	1
LED sa rupom	LED_SPEED_4		D5	Avago HSMW-C265	1
LED sa rupom	LED_VENT		D4	Avago HSMW-C265	1
LED sa rupom			D3	Avago HSMR-C265	1
ERA-0603	NF		R14, R15, R16	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	3
SENSOR_P AD	SENS_GUARD		S5		1
SENSOR_P AD	SENS_MODE		S7		1
SENSOR_P AD	SENS_ON_OFF		S6		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
STM- TSSOP20_N	STM32F030F4P 6		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
TERMINAL BLOK 3	VENT		P2	3 pinski terminal blok konektor	1
SOT23_N	ZXMN3B14F		Q1, Q2	N-channel Enhancement Mode Vertical D- MOSFET	2
					69

Approved	Notes