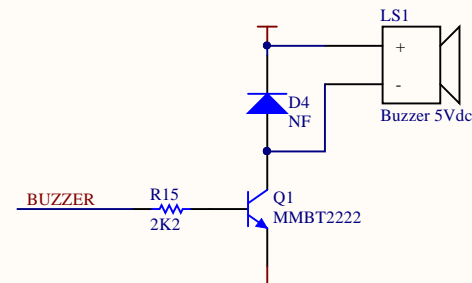
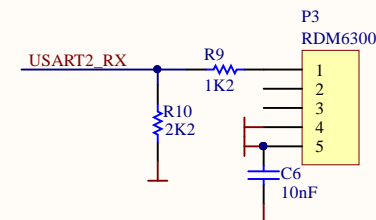
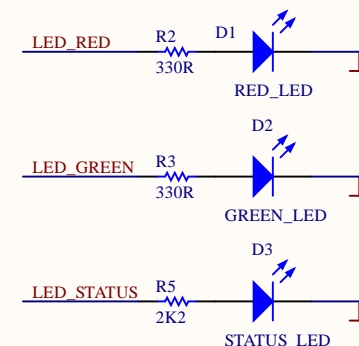
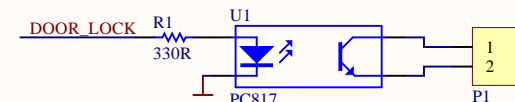
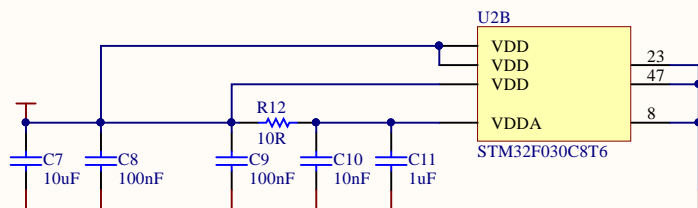
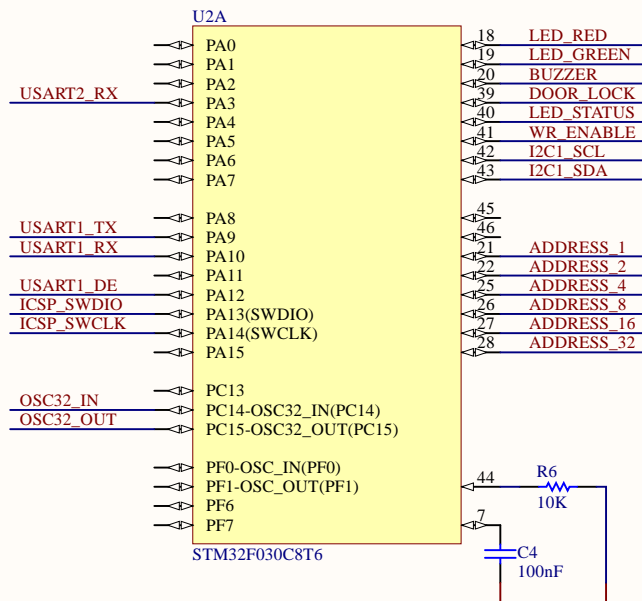
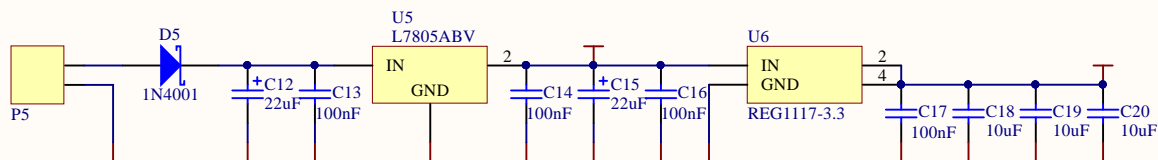
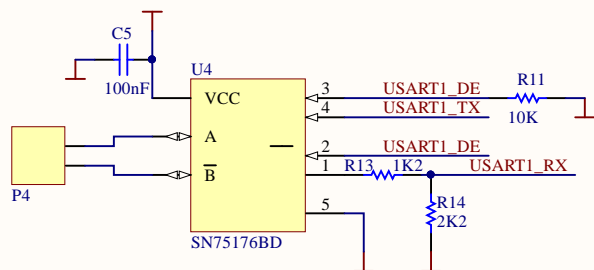
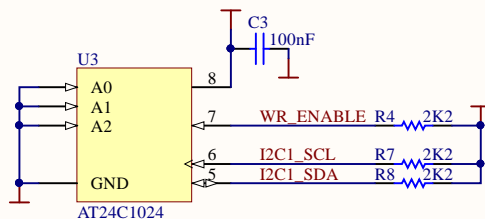
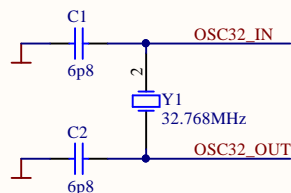
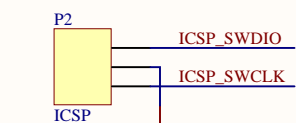


FD1
Fiducial



Title **Colosseum addressable RFID**

Size: A4

Number:1

Revision:001

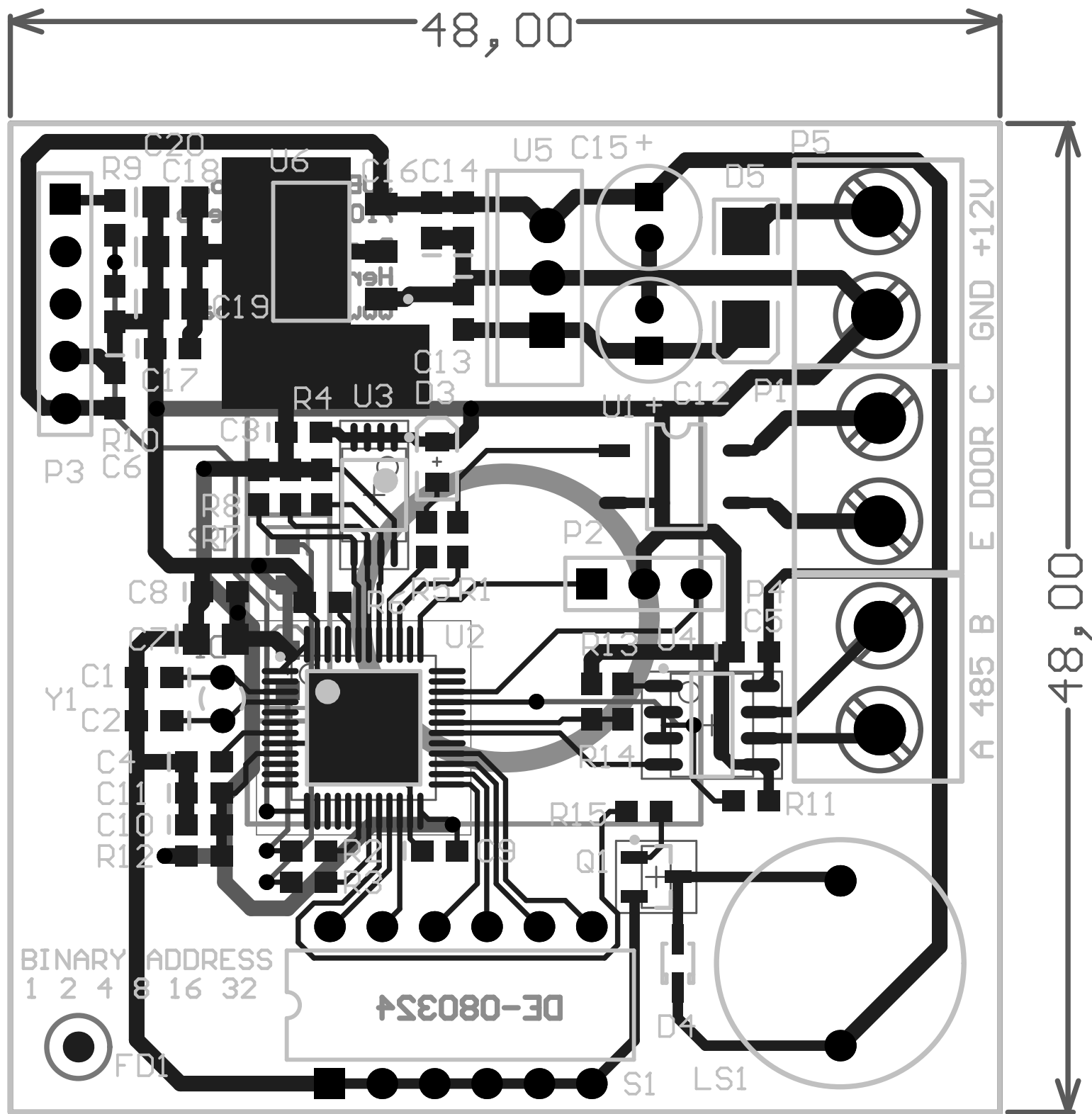
Date: 11. 3. 2024. Time: 16:23:53

Sheet 1 of 1

File: I:\Projekti\Otvoreni\Colosseum\hw\DE-080324\DE-080324.SchDoc

JUBERA d.o.o.
Braće Mulić 81
71000 Sarajevo
Federacija BiH
Bosna i Hercegovina

Altium



Bill of Materials

Bill of Materials For Project [DE-080324.PrjPcb] (No PCB Document Selected)

Source Data From:	DE-080324.PrjPcb
Project:	DE-080324.PrjPcb
Variant:	None

Creation Date:	11. 3. 2024.	16:24:09
Print Date:	45362	45362,68362

Footprint	Comment	LibRef	Designator	Description	Quantity
0603	6p8	C0603	C1, C2	Ceramic Chip Capacitor - Standard	2
0603	100nF	C0603	C3, C4, C5, C8, C9, C13, C14, C16, C17	Ceramic Chip Capacitor - Standard	9
0603	10nF	C0603	C6, C10	Ceramic Chip Capacitor - Standard	2
0805	10uF	C0805	C7, C18, C19, C20	Ceramic Chip Capacitor - Standard	4
0603	1uF	C0603	C11	Ceramic Chip Capacitor - Standard	1
CAPPR2-5X11	22uF	EKA00AA247F0	C12, C15	Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 47uF, 35V	2
2.0X1.25X1.2	RED_LED	HSMC-C540-F0001	D1	Top Mount AS AllnGaP Red Oval Lens High Brightness	1
2.0X1.25X1.2	GREEN_LED	HSMC-C540-F0001	D2	Top Mount AS AllnGaP Red Oval Lens High Brightness	1
2.0X1.25X1.2	STATUS_LED	HSMC-C540-F0001	D3	Top Mount AS AllnGaP Red Oval Lens High Brightness	1
SOD323	NF	BAS321	D4	General-purpose Diode	1
SMB	1N4001	10BQ100	D5	Schottky Rectifier	1
BUZZER	Buzzer 5Vdc	BUZZER	LS1	5Vdc PCB buzzer	1
TERMINAL	TERMINAL	TERMINAL	P1, P4, P5	2 pinski terminal blok	3
BLOK 2	BLOK 2	BLOK 2			
HDR1X3	ICSP	Header 3	P2	Header, 3-Pin	1
HDR1X5	RDM6300	Header 5	P3	Header, 5-Pin	1
SOT23_N	MMBT2222	BC817	Q1	NPN General-purpose Transistor	1
ERA-0603	330R	ERAV	R1, R2, R3	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	3
ERA-0603	2K2	ERAV	R4, R5, R7, R8, R10, R14, R15	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	7
ERA-0603	10K	ERAV	R6, R11	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	2
ERA-0603	1K2	ERAV	R9, R13	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	2
ERA-0603	10R	ERAV	R12	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	1
DIP-12/SW	SW DIP-6	SW DIP-6	S1	DIP Switch, 6 Position, SPST	1
SOP4	PC817	PC817	U1	4-Pin Phototransistor Optocoupler	1
STM-LQFP48_N	STM32F030C8T6	STM32F030C8T6	U2	ARM Cortex-M0 32-bit MCU, 64 KB Flash, 8 KB Internal RAM, 39 I/Os, 48-pin LQFP, -40 to 85 degC, Tray	1
8A2_L	AT24C1024	AT24C02B-TP25T	U3	2Kbit (256 x 8), 2-wire Bus Automotive Serial EEPROM with full memory Write Protect, 2.5V, 8-Pin TSSOP, Tape & Reel	1
D008_L	SN75176BD	SN75176BD	U4	Differential Bus Transceiver	1
TO220ABN	L7805ABV	L7805ABV	U5	Precision 1A Regulator	1
ZZ311	REG1117-3.3	REG1117-3.3	U6	800mA and 1A Low Dropout Positive Regulator 2.85V, 3.3V, 5V, and Adjustable	1
R26	32.768MHz	R26-32.768	Y1	Tuning Fork Crystal Unit	1
					55

Approved	Notes