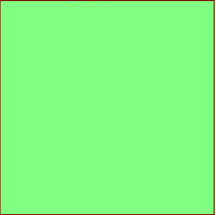
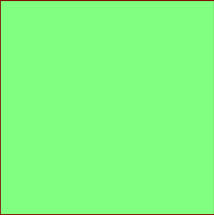
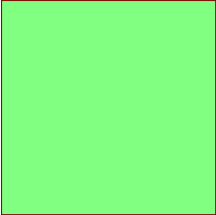
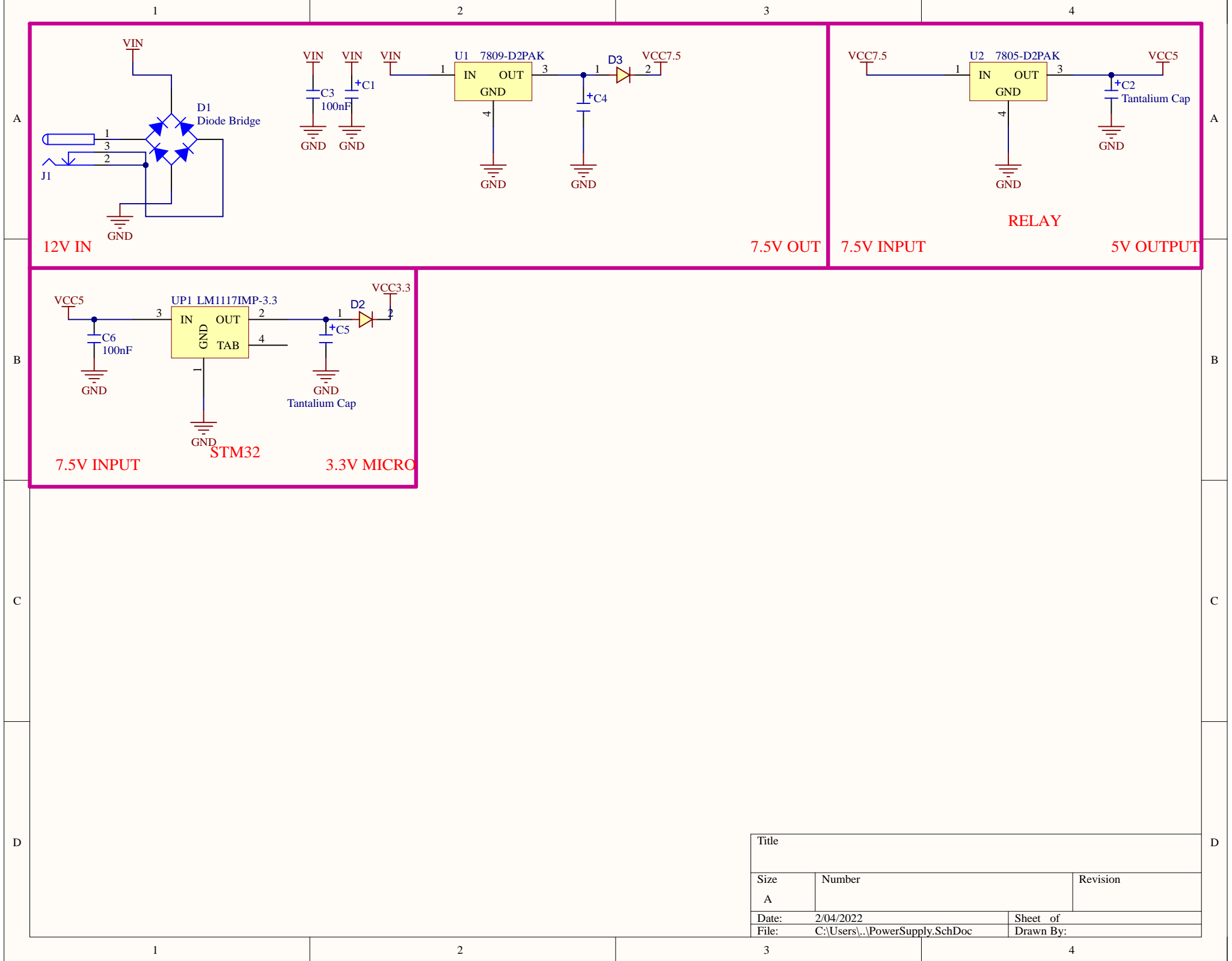
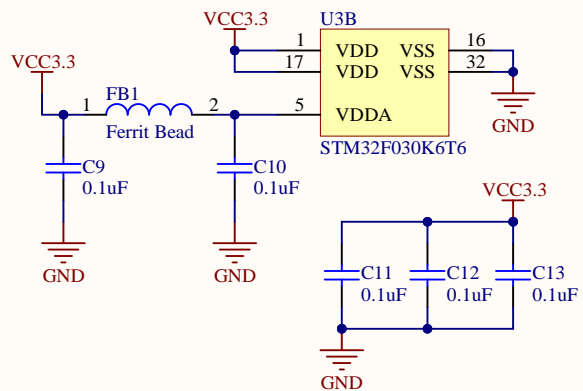
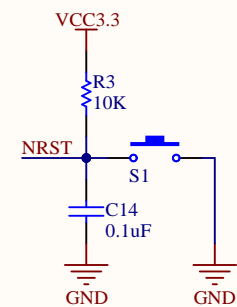
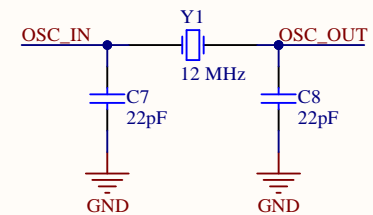
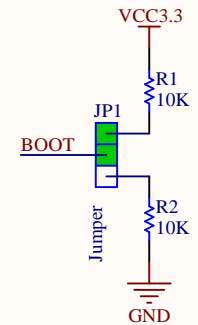
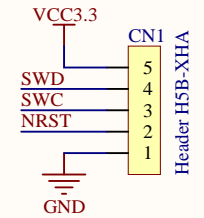
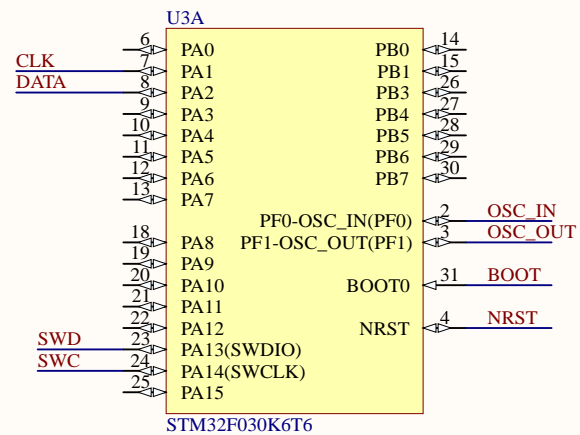


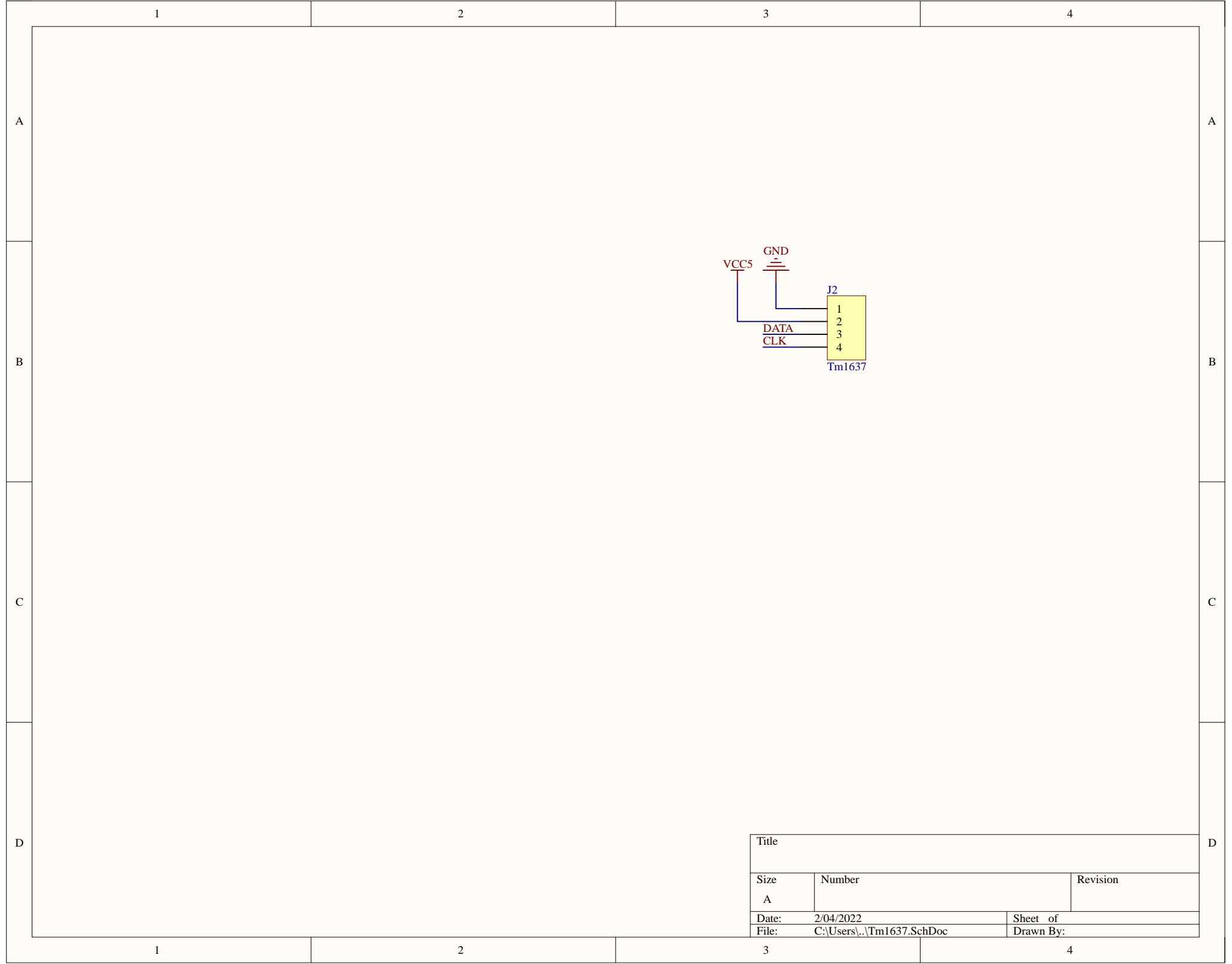
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C							
D				<div> <div>Title</div> <div> <div>Size</div> <div>Number</div> <div>Revision</div> </div> <div> <div>Date:</div> <div>2/04/2022</div> <div>Sheet of</div> </div> <div> <div>File:</div> <div>C:\Users\...\Main.SchDoc</div> <div>Drawn By:</div> </div> </div>			
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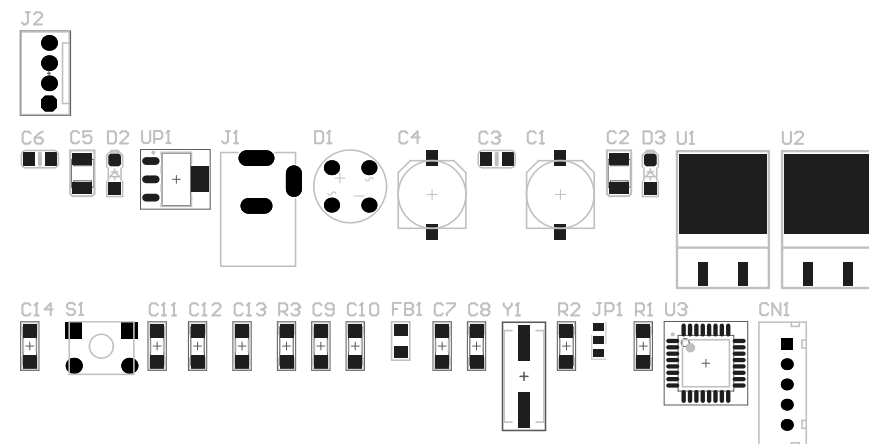


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Date: 2/04/2022	Sheet of	
File: C:\Users\...\PowerSupply.SchDoc	Drawn By:	



Title		
Size A	Number	Revision
Date:	2/04/2022	Sheet of
File:	C:\Users\...\Microcontroller.SchDoc	Drawn By:





Comment	Description	Designator	Footprint	LibRef	Quantity
		C1, C4	CAPACITOR RADIAL SMT size F	Capacitor Tantalium	2
Tantalium Cap		C2, C5	Tantalium Size B	Capacitor Tantalium	2
Capacitor SMD		C3, C6	1206 Capacitor	Capacitor SMD	2
22pF	CAP 1206	C7, C8	CAPC4817X12N	CAP SMD 1206	2
0.1uF	CAP 1206	C9, C10, C11, C12, C13, C14	CAPC4817X12N	CAP SMD 1206	6
Header H5B-XHA		CN1	Header H5B-XHA	Header H5B-XHA	1
Diode Bridge	Full Wave Diode Bridge	D1	Bridge Circle Package	Diode Bridge TOTAL SIZE	1
=VALUE	DIODE, FAST SWTICHING, 0.3A, 0.5W	D2, D3	D_SOD80	DIODE_SMD_1N4148_ SOD80	2
Ferrit Bead		FB1	1206 Ferrit Bead	Ferrit Bead	1
DC Power Jack	DC Power Jack. Center Pin 2.5mm. Diameter: 5.7mm	J1	DC Power Jack 1	DC Power Jack	1
Tm1637	Header, 4-Pin Telecom.	J2	CON WF_4	Header 4 PIN Telecom.	1
Jumper	Jumper Selector	JP1	Jumper Selector SMD	Jumper Selector	1
10K	RES 1206	R1, R2, R3	RESC4817X04N	RES 1206 0.25W	3
Switch PB	Push Button Switch	S1	Switch - Push to On	Switch PB	1
7809-D2PAK		U1	D2PAK TO-263	7805-D2PAK	1
7805-D2PAK		U2	D2PAK TO-263	7805-D2PAK	1
STM32F030K6T6	ARM Cortex-M0 32- bit MCU, 32 KB Flash, 4 KB Internal RAM, 26 I/Os, 32-pin LQFP, -40 to 85 degC, Tray	U3	STM-LQFP32_N	STM32F030K6T6	1
LM1117IMP-5.0	x.x Volt, 800mA Low- Dropout Linear Regulator, 4-pin SOT- 223	UP1	SOT223_4	LM1117IMP-x.x	1
12 MHz	XTAL Crystal	Y1	Crystal SMD	XTAL_Crystal	1