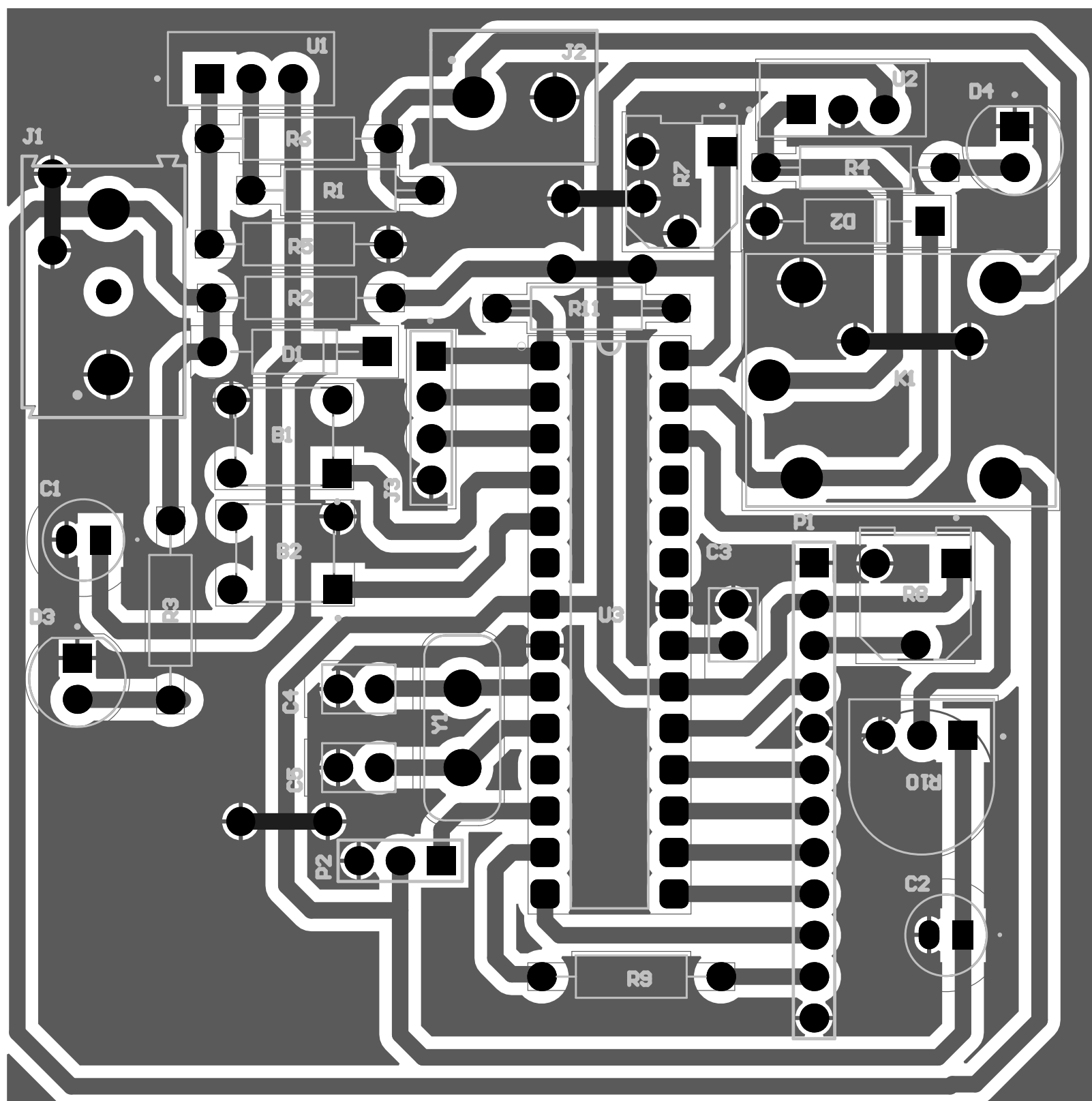


Title		
Size	Number	Revision
A4		
Date:	5-17-2023	Sheet of
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Comment	Description	Designator	Footprint	LibRef	Quantity
Push button		B1, B2	SW_TSD2-66-95-BK-260-LCR-D	Push button	2
100uF	FS-A	C1	CAPPRD500W500500H1100	Electrolytic capacitor	1
10uF	FS-A	C2	CAPPRD500W500500H1100	Electrolytic capacitor	1
100nF	2200 pF A±10% 250V Ceramic Capacitor X7R Radial	C3	CAPRBS00W50L450T3 00H550	Ceramic capacitor	1
22pF	2200 pF A±10% 250V Ceramic Capacitor X7R Radial	C4, C5	CAPRBS00W50L450T3 00H550	Ceramic capacitor	2
1N4007	Diode Switching 1KV 1A 2-Pin DO-41	D1, D2	DIOAD106KW80L520D 270	1N4007	2
LOBRS000Q1	LED, Orange, Through Hole, T-1 3/4 (5mm), 30 mA, 2.1 V, 635 nm	D3, D4	LEDRD254W57D500H 070	LED	2
TBlock 3	5.08 MM TERMINAL BLOCK	J1	Terminal block - 3Pins	3Pins Terminal block	1
TBlock 2	2 Position Wire to Board Terminal Block Horizontal with Board 0.197 .500mm_Through Hole	J2	691111710002	Terminal Block - 2Pins	1
Header 4	4 Position Header Connector Through Hole	J3	SULLINS_PPTD041LF8 N-RC	Female header - 4Pins	1
JOC-3F-1C-24VDC	Miniature PCB Relay 24VDC, 10A 250VAC, 15A 125VAC, 10A 250VAC	K1	RELAY_JOC-3F-1C-24VDC	Relay (Standard)	1
Header 12	Header, 12-Pin	P1	HDR1X12	Header 12	1
Header 3	Header, 3-Pin	P2	HDR1X3	Header 3	1
0R2	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R1	RESAD1100W55L680D 260	Resistor (0.25W)	1
2k	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R2	RESAD1100W55L680D 260	Resistor (0.25W)	1
1k	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R3, R4	RESAD1100W55L680D 260	Resistor (0.25W)	2
2k4	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R5	RESAD1100W55L680D 260	Resistor (0.25W)	1
240	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R6	RESAD1100W55L680D 260	Resistor (0.25W)	1
1k	(3306F-1-105) 1 MOhms 0.2W, 1/5W PC Pins Through Hole Trimmer Potentiometer Cermet 1 Turn Top Adjustment	R7	TRIM_3306F-1-105	Potentiometer1	1
10k	(3306F-1-105) 1 MOhms 0.2W, 1/5W PC Pins Through Hole Trimmer Potentiometer Cermet 1 Turn Top Adjustment	R8	TRIM_3306F-1-105	Potentiometer1	1
220	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R9	RESAD1100W55L680D 260	Resistor (0.25W)	1
10k	RESISTOR, VARIABLE, 250KOHM, 0.5W, A±20%, Track Resistance:250kohm; No. of Turns:1; Resistance Tolerance:A± 20%; Temperature Coefficient:A± 100ppm/A°C; Power Rating:500mW; Potentiometer Mounting:Through Hole ;RoHS Compliant: Yes	R10	TRIM_3352T-1-254LF	Variable resistor	1
10k	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R11	RESAD1100W55L680D 260	Resistor (0.25W)	1
LMG17		U1	TO25SP1020X450K196 8-3	LD1117V33	1
LM78_		U2	TO25SP1020X450K196 8-3	LM78_	1
ATMEGA328P-PU	Atmega Series 20 Mhz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP-28	U3	DIP794H44P254L2963 H457C28B	ATMEGA328P-PU	1
16MHz	CRYSTAL T/H	Y1	XTAL_ECS-160-20-4X	Crystal oscillator	1