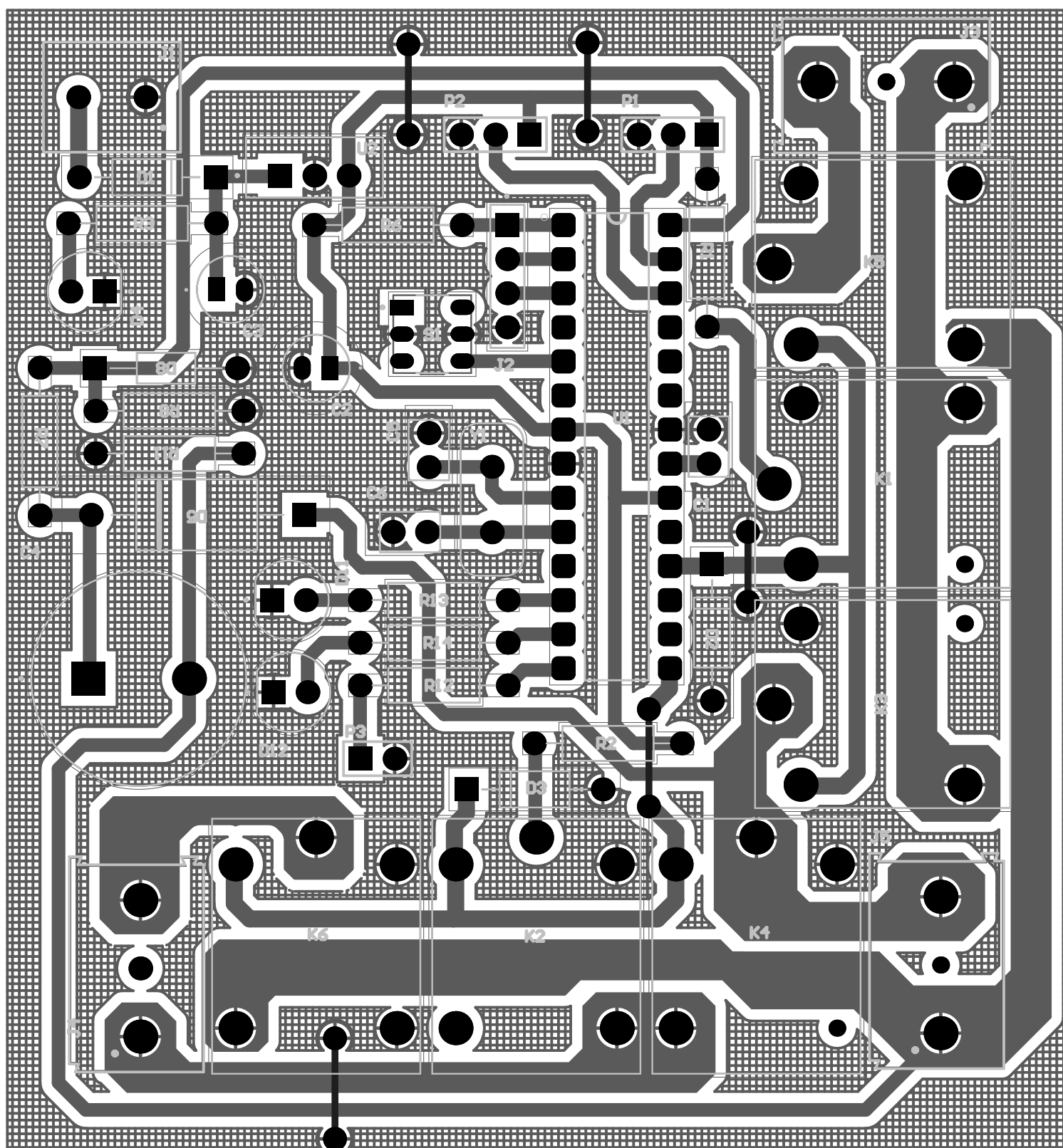




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Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	2200 pF $\pm 10\%$ 250V Ceramic Capacitor X7R Radial	C1	CAPRB500W50L450T3 00H550	Ceramic capacitor	1
10uF	FS-A	C2	CAPPRD500W50D500 H1100	Electrolytic capacitor	1
2200uF	FS-A	C3	CAPPRD500W50D500 H1100	Electrolytic capacitor	1
2200uF	Cap Aluminum 33uF 400V 20% (16 X 25mm) Radial Aluminum Cylindrical Can 7.5mm 275mA 2000 hr 85°C Bulk	C4	CAPPRD750W80D160 0H2500	Capacitor (16 x 25mm)	1
22pF	2200 pF $\pm 10\%$ 250V Ceramic Capacitor X7R Radial	C5, C6	CAPRB500W50L450T3 00H550	Ceramic capacitor	2
1N4007	Diode Switching 1KV 1A 2-Pin DO-41	D1, D2, D3	DIOAD1060W80L520D 270	1N4007	3
L08R5000Q1	LED, Orange, Through Hole, T-1 3/4 (5mm), 30 mA, 2.1V, 635 nm	D4, D11, D12	LEDRD254W57D500H1 070	LED	3
1N5404	Diode Standard 400 V 3A Through Hole DO-201AD	D5	DIOAD1990W125L900 D530	Schottic diode	1
1N4745A	Zener Diode 16V 1W $\pm 5\%$ Through Hole DO-204AL (DO-41)	D8	DIOAD1060W70L435D 230	Zenner diode	1
TBlock 2	2 Position Wire to Board Terminal Block Horizontal with Board 0.197 _5.00mm_ Through Hole	J1	691111710002	Terminal Block - 2Pins	1
Header 4	4 Position Header Connector Through Hole	J2	SULLINS_PPT0041LFB N-RC	Female header - 4Pins	1
TBlock 3	5.08 MM TERMINAL BLOCK;	J3, J4, J5	Terminal block - 3Pins	3Pins Terminal block	3
JQC-3F-1C-24VDC	Miniature PCB Relay 24VDC, 10A 250VAC, 15A 125VAC, 10A 250VAC	K1, K2, K3, K4, K5, K6	RELAY_JQC-3F-1C-24VDC	Relay (Standard)	6
Header 3	Header, 3-Pin	P1, P2	HDR1X3	Header 3	2
Header 2	Header, 2-Pin	P3	HDR1X2	Header 2	1
10k	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R1, R2, R6	RESAD1100W55L680D 260	Resistor (0.25W)	3
1k5	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R3	RESAD1100W55L680D 260	Resistor (0.25W)	1
6M2	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R7, R11	RESAD1100W55L680D 260	Resistor (0.25W)	2
130k	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R8	RESAD1100W55L680D 260	Resistor (0.25W)	1
100	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R12	RESAD1100W55L680D 260	Resistor (0.25W)	1
220	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R13, R14	RESAD1100W55L680D 260	Resistor (0.25W)	2
TL2203EE	Pushbutton Switch DPDT Standard Through Hole	S1	SW_TL2203EE	Switch button	1
ATMEGA328P-PU	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP-28	U1	DIP794W46P254L2967 H457O28B	ATMEGA328P-PU	1
LM7805		U2	TO255P1020X450X196 8-3	LM78_	1
16MHz	CRYSTAL T/H	Y1	XTAL_ECS-160-20-4X	Crystal oscillator	1