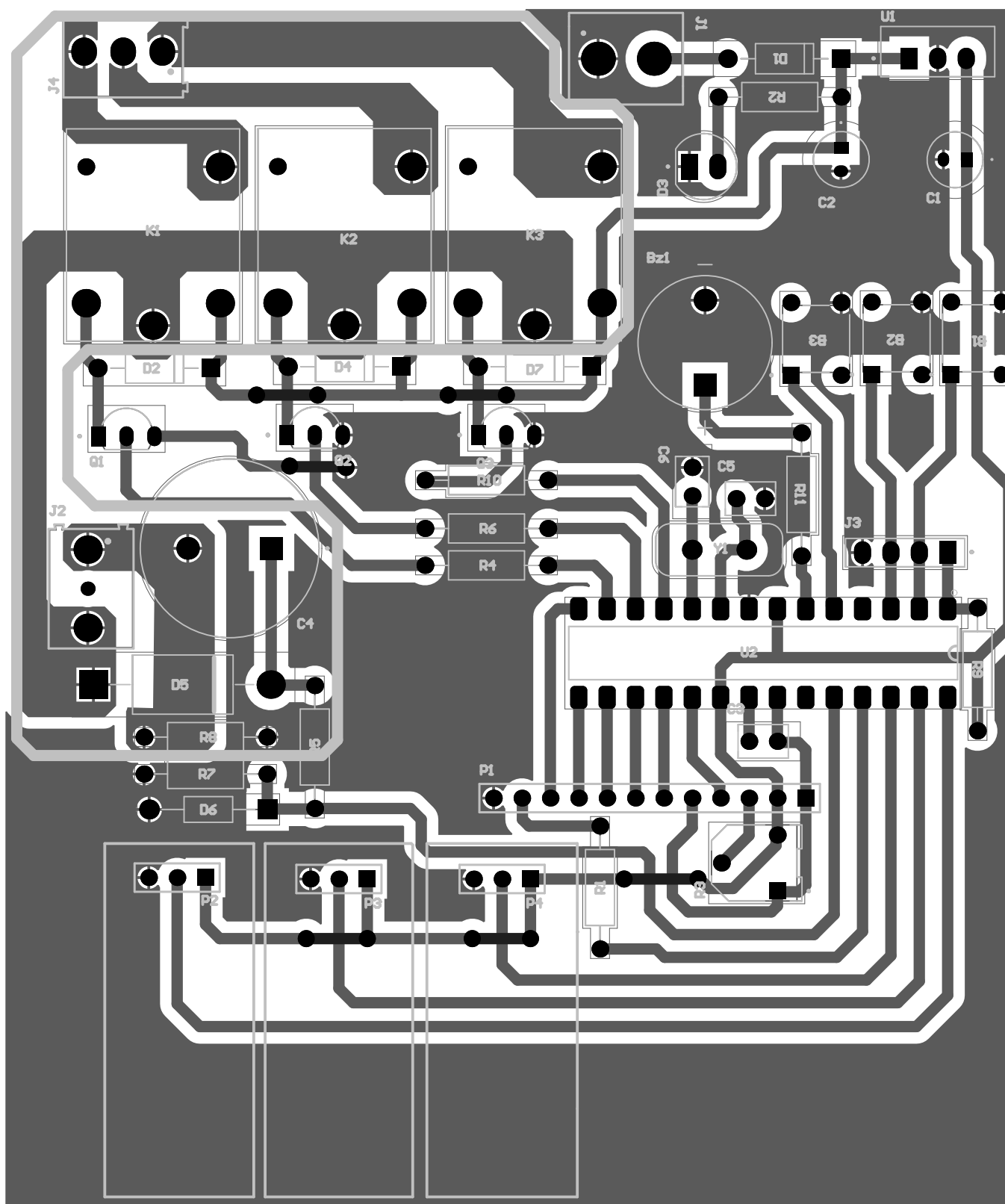


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Size A3	Number	Revision
Date 5-04-2023	Sheet of	
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Comment	Description	Designator	Footprint	LibRef	Quantity
Push button		B1, B2, B3	SW_T502-66-95-9x-26x-LCR-D	Push button	3
AI-1223-TWT-12V-R	ELECTRO-MECHANICAL AUDIO INDICATOR	Bx1	XDCR_AI-1223-TWT-12V-R	Buzzer	1
2200uF	FS-A	C1, C2	CAPPRD500W500500H1100	Electrolytic capacitor	2
100nF	2200 pF ±10% 250V Ceramic Capacitor X7R Radial	C3	CAPRB500W50L4507300H550	Ceramic capacitor	1
2200uF	Cap Aluminum 33uF 400V 20% (16 x 25mm) Radial Aluminum Cylindrical Can 7.5mm 275mA 2000 hr 85°C Bulk	C4	CAPPRD750W80D1600H2500	Capacitor (16 x 25mm)	1
22pF	2200 pF ±10% 250V Ceramic Capacitor X7R Radial	C5, C6	CAPRB500W50L4507300H550	Ceramic capacitor	2
1N4007	Diode Switching 1KV 1A 2-Pin DO-41	D1, D2, D4, D7	DIOAD1060W90L5200230	1N4007	4
L08F5000C1	LED, Orange, Through Hole, 1 x 3/4 (5mm), 30 mA, 2.1 V, 635 nm	D3	LEDRD254W570500H1070	LED	1
1N5404	Diode Standard 400 V 3A Through Hole DO-201AD	D5	DIOAD1990W125L9000530	Schroctic diode	1
1N4745A	Zener Diode 16V 1W ±5% Through Hole DO-20MAL (DO-41)	D6	DIOAD1060W70L4350230	Zenner diode	1
TBlock 2	2 Position Wire to Board Terminal Block Horizontal with Board's W1 5.00mm, Through Hole	J1	691111710002	Terminal Block - 2Pins	1
TBlock 3	3 Position Wire to Board Terminal Block Horizontal with Board's L38 (3.50mm) Through Hole	J2, J4	691214110003	Terminal blocks - 3Pins (Small)	2
Header 4	4 Position Header Connector Through Hole	J3	SULLINS_PPTD041LF8N-RC	Female header - 4Pins	1
JQC-3F-1C-24VDC	Miniature PCB Relay 24VDC, 10A 250VAC, 15A 125VAC, 10A 75VAC	K1, K2, K3	RELAY_JQC-3F-1C-24VDC	Relay (Standard)	3
Header 12	Header, 12-Pin	P1	HDRTX12	Header 12	1
Header 3	Header, 3-Pin	P2, P3, P4	HDRTX3	Header 3	3
BC547	-a href="https://pricing.snapeda.com/parts/BC537-16%20A1/Taiwan%20Semiconductor/view-part?ref=eda" -Check availability- -a href="https://pricing.snapeda.com/parts/BC537-16%20A1/Taiwan%20Semiconductor/view-part?ref=eda" -Check availability- -a href="https://pricing.snapeda.com/parts/BC537-16%20A1/Taiwan%20Semiconductor/view-part?ref=eda"	Q1, Q2, Q3	TO92250P510H770-3	BC547B	3
220	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R1	RESAD1100W55L6800260	Resistor (0.25W)	1
1k5	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R2	RESAD1100W55L6800260	Resistor (0.25W)	1
1k	(3306F-1-105) 1 kOhms 0.2W, 1/5W PC Pins Through Hole Trimmer Potentiometer Cermet 1 Turn Top Adjustment	R3	TRIM_3306F-1-105	Potentiometer1	1
10k	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R4, R6, R9, R10	RESAD1100W55L6800260	Resistor (0.25W)	4
6k2	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R5, R8	RESAD1100W55L6800260	Resistor (0.25W)	2
130k	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R7	RESAD1100W55L6800260	Resistor (0.25W)	1
100	(MFR-25FBF52-10K) 10.2 kOhm bei 1% 0.25W, 1/4W Durchbohrlochwidens tand Axial Metal Film	R11	RESAD1100W55L6800260	Resistor (0.25W)	1
LM7805		U1	TO255P1020K450X19K8-3	LM78_	1
ATMEGA328P-PU	Atmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP-28	U2	DIP794MM46P254L2967H457C28B	ATMEGA328P-PU	1
16MHz	CRYSTAL 17H	Y1	XTAL_FCS-160-30-4K	Crystal oscillator	1