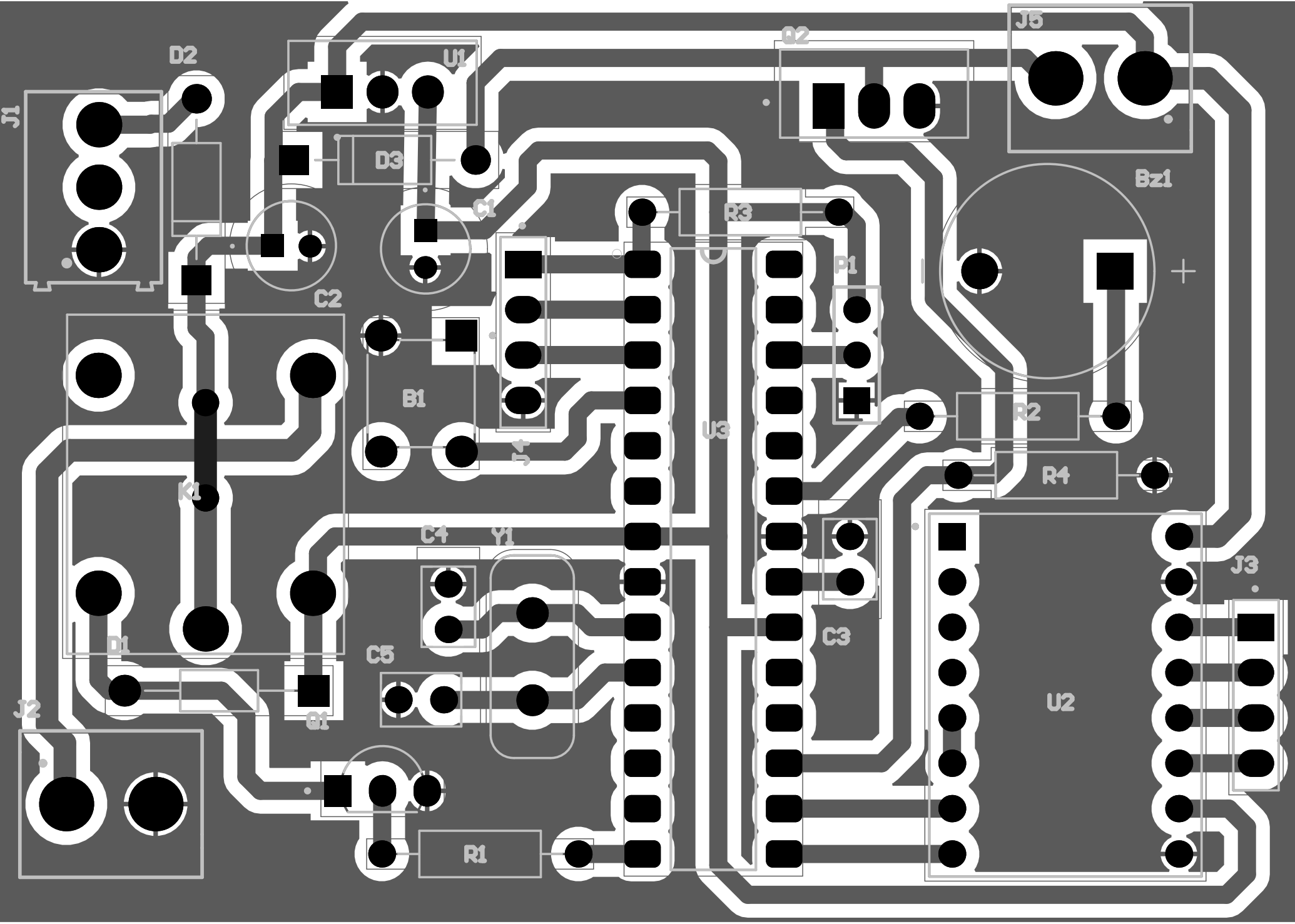


Title		
Size	Number	Revision
A4		
Date:	5-14-2023	Sheet of
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Comment	Description	Designator	Footprint	LibRef	Quantity
Push button		B1	SW_TS02-66-95-BK-260-LCR-D	Push button	1
AI-1223-TWT-12V-R	ELECTRO-MECHANICAL AUDIO INDICATOR	Bz1	XDCR_AI-1223-TWT-12V-R	Buzzer	1
100uF	FS-A	C1, C2	CAPPRD500W50D500H1100	Electrolytic capacitor	2
100nF	2200 pF A±10% 250V Ceramic Capacitor X7R Radial	C3	CAPRB500W50L450T300H550	Ceramic capacitor	1
22pF	2200 pF A±10% 250V Ceramic Capacitor X7R Radial	C4, C5	CAPRB500W50L450T300H550	Ceramic capacitor	2
1N4745A	Zener Diode 16V 1W A±5% Through Hole DO-204AL (DO-41)	D1	DIOAD1060W70L435D230	Zenner diode	1
1N4007	Diode Switching 1KV 1A 2-Pin DO-41	D2, D3	DIOAD1060W80L520D270	1N4007	2
TBlock 3	3 Position Wire to Board Terminal Block Horizontal with Board 0.138 (3.50mm) Through Hole	J1	691214110003	Terminal blocks - 3Pins (Small)	1
TBlock 2	2 Position Wire to Board Terminal Block Horizontal with Board 0.197 _5.00mm_ Through Hole	J2	691111710002	Terminal Block - 2Pins	1
Header 4	4 Position Header Connector Through Hole	J3, J4	SULLINS_PPTC041LFB N-RC	Female header - 4Pins	2
691111710002	2 Position Wire to Board Terminal Block Horizontal with Board 0.197 _5.00mm_ Through Hole	J5	691111710002	Terminal Block - 2Pins	1
JQC-3F-1C-24VDC	Miniature PCB Relay 24VDC, 10A 250VAC, 15A 125VAC, 10A 250VAC	K1	RELAY_JQC-3F-1C-24VDC	Relay (Standard)	1
Header 3	Header, 3-Pin	P1	HDR1X3	Header 3	1
BJT Transistor	Check availability Check availability	Q1	TO92250P510H770-3	BC547B	1
N-Channel mosfet	N-Channel 100V 22A (Tc) 85W (Tc) Through Hole TO-220AB	Q2	TO254P1052X465X1989-3	IRF540	1
10k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R1, R3, R4	RESAD1100W55L680D260	Resistor (0.25W)	3
100	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R2	RESAD1100W55L680D260	Resistor (0.25W)	1
LM7805		U1	TO254P1054X470X1955-3	LM7805CT/NOPB	1
A4988_STEPPER_DRIVER	Stepper motor controller: IC: A4988 1A; Uin mot: 8A-35V	U2	MODULE_A4988_STEP PER_MOTOR_DRIVER_CARRIER	A4988_STEPPER_MOTOR_DRIVER_CARRIER	1
ATMEGA328P-PU	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP-28	U3	DIP794W46P254L2967H457Q28B	ATMEGA328P-PU	1
16MHz	CRYSTAL T/H	Y1	XTAL_ECS-160-20-4X	Crystal oscillator	1