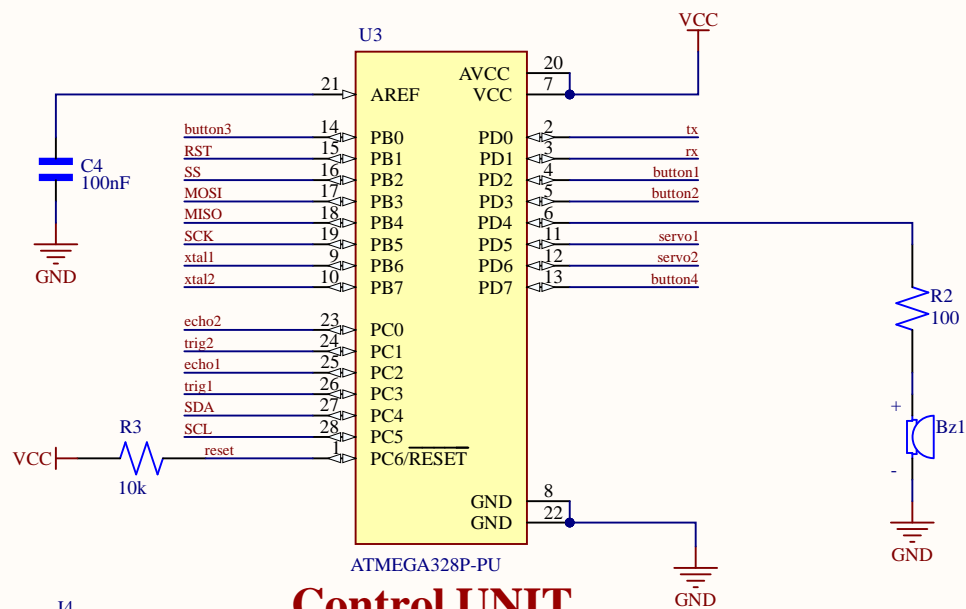
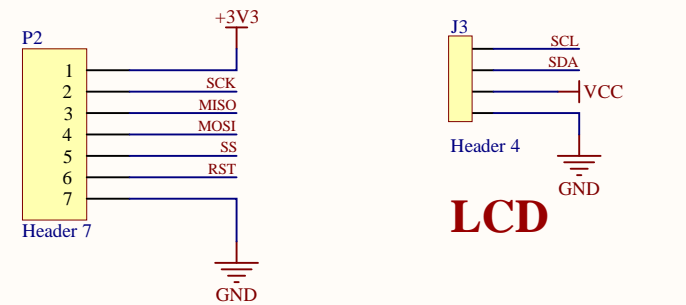


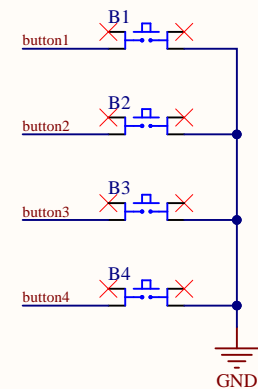
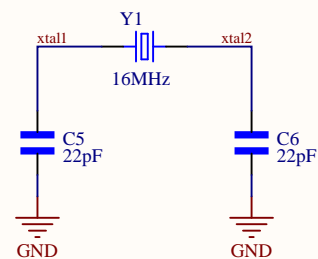
Power supply UNIT



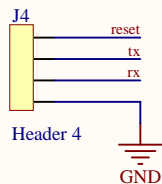
Control UNIT



LCD

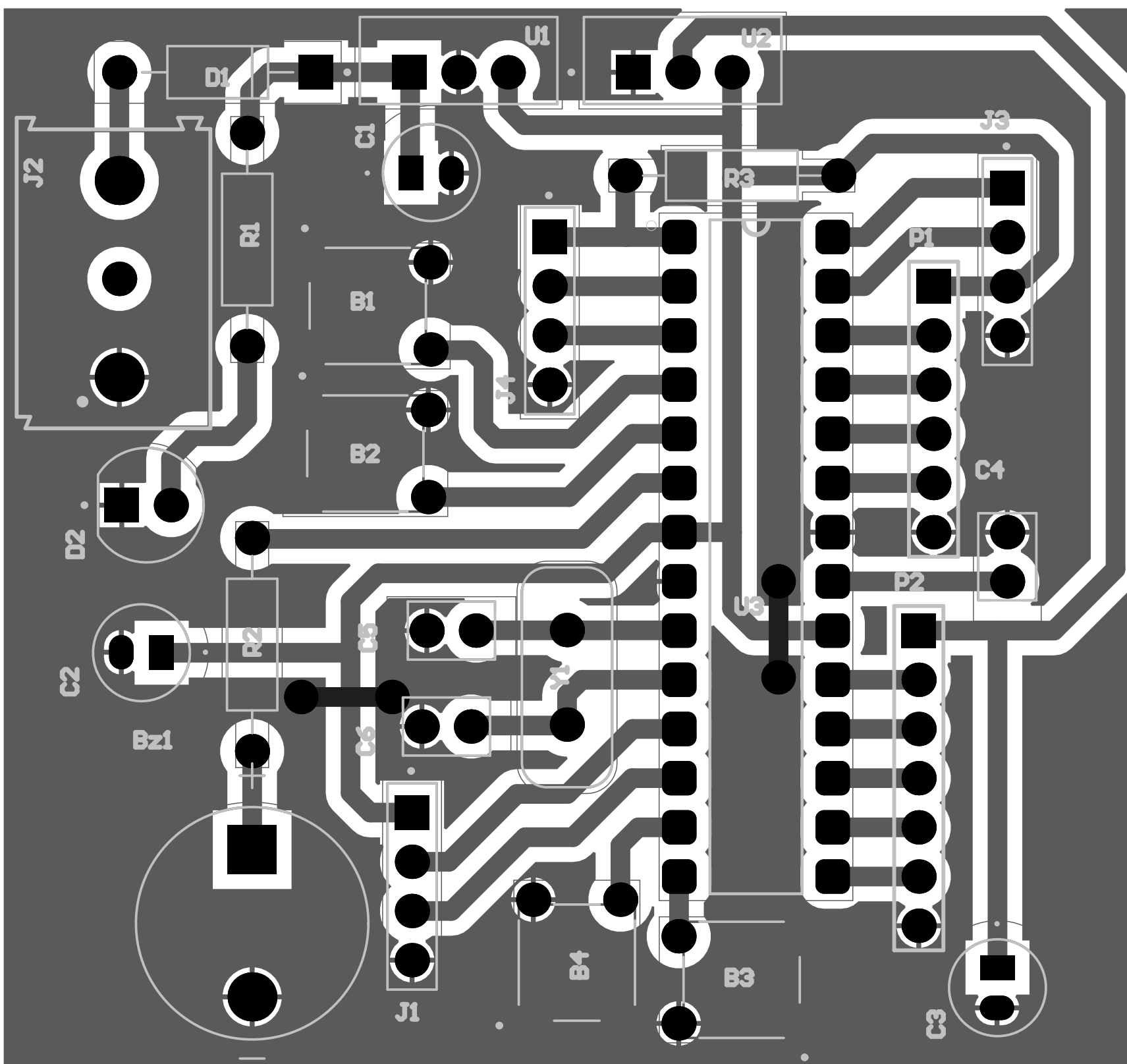


Buttons



UART

Title		
Size	Number	Revision
A		
Date:	5-24-2023	Sheet of
File:	V:\Office\...\schematic.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
Push button		B1, B2, B3, B4	SW_TS02-66-95-BK-260-LCR-D	Push button	4
AI-1223-TWT-12V-R	ELECTRO-MECHANICAL AUDIO INDICATOR	Bz1	XDRC_AI-1223-TWT-12V-R	Buzzer	1
100uF	FS-A	C1	CAPPRD500W50D500H1100	Electrolytic capacitor	1
10uF	FS-A	C2, C3	CAPPRD500W50D500H1100	Electrolytic capacitor	2
100nF	2200 pF $\pm 10\%$ 250V Ceramic Capacitor X7R Radial	C4	CAPRB500W50L450T300H550	Ceramic capacitor	1
22pF	2200 pF $\pm 10\%$ 250V Ceramic Capacitor X7R Radial	C5, C6	CAPRB500W50L450T300H550	Ceramic capacitor	2
1N4007	Diode Switching 1KV 1A 2-Pin DO-41	D1	DIOAD1060W80L520D270	1N4007	1
L08R5000Q1	LED, Orange, Through Hole, T-1 3/4 (5mm), 30 mA, 2.1 V, 635 nm	D2	LEDRD254W57D500H1070	LED	1
Header 4	4 Position Header Connector Through Hole	J1, J3, J4	SULLINS_PPTC041LFB-N-RC	Female header - 4Pins	3
TBlock 3	5.08 MM TERMINAL BLOCK;	J2	Terminal block - 3Pins	3Pins Terminal block	1
Header 6	Header, 6-Pin	P1	HDR1X6	Header 6	1
Header 7	Header, 7-Pin	P2	HDR1X7	Header 7	1
1k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R1	RESAD1100W55L680D260	Resistor (0.25W)	1
100	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R2	RESAD1100W55L680D260	Resistor (0.25W)	1
10k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R3	RESAD1100W55L680D260	Resistor (0.25W)	1
LM7805		U1	TO255P1020X450X1968-3	LM78__	1
LD1117V33		U2	TO255P1020X450X1968-3	LD1117V33	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 oscilator	1