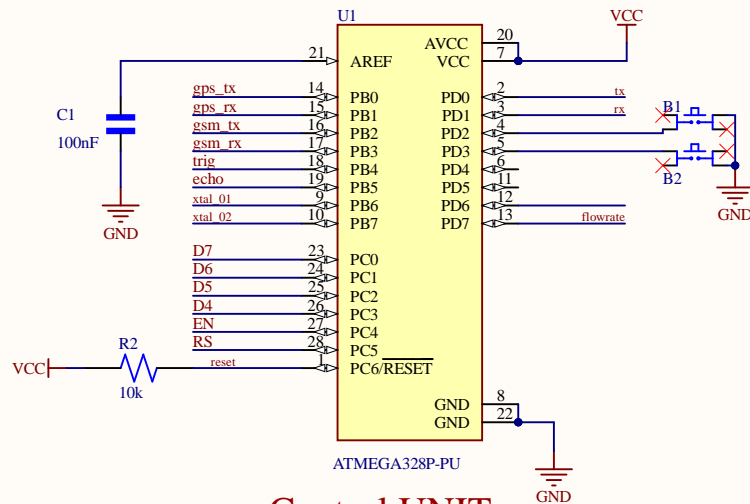
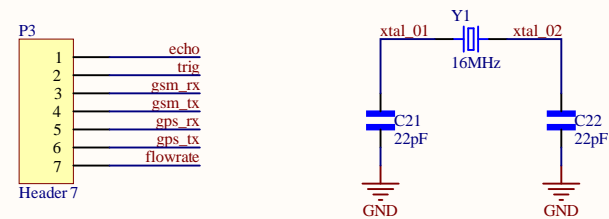
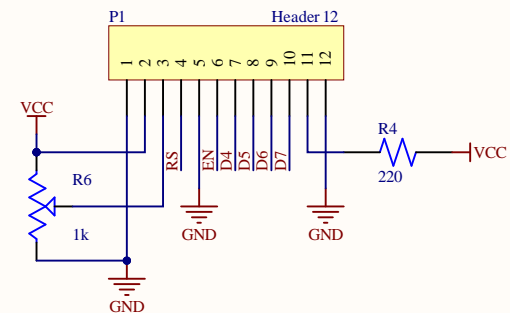
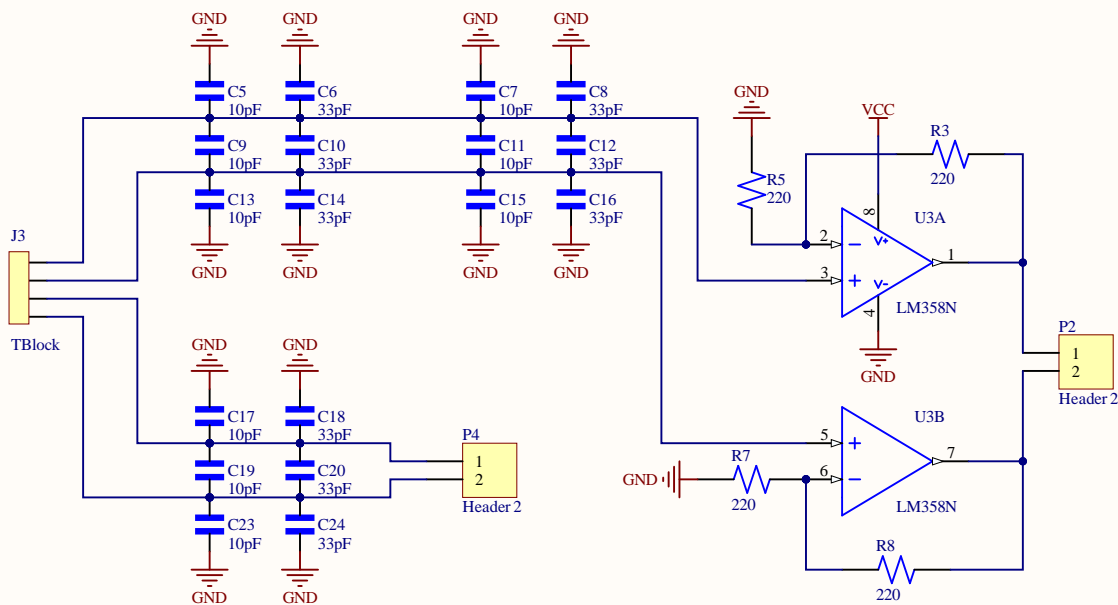


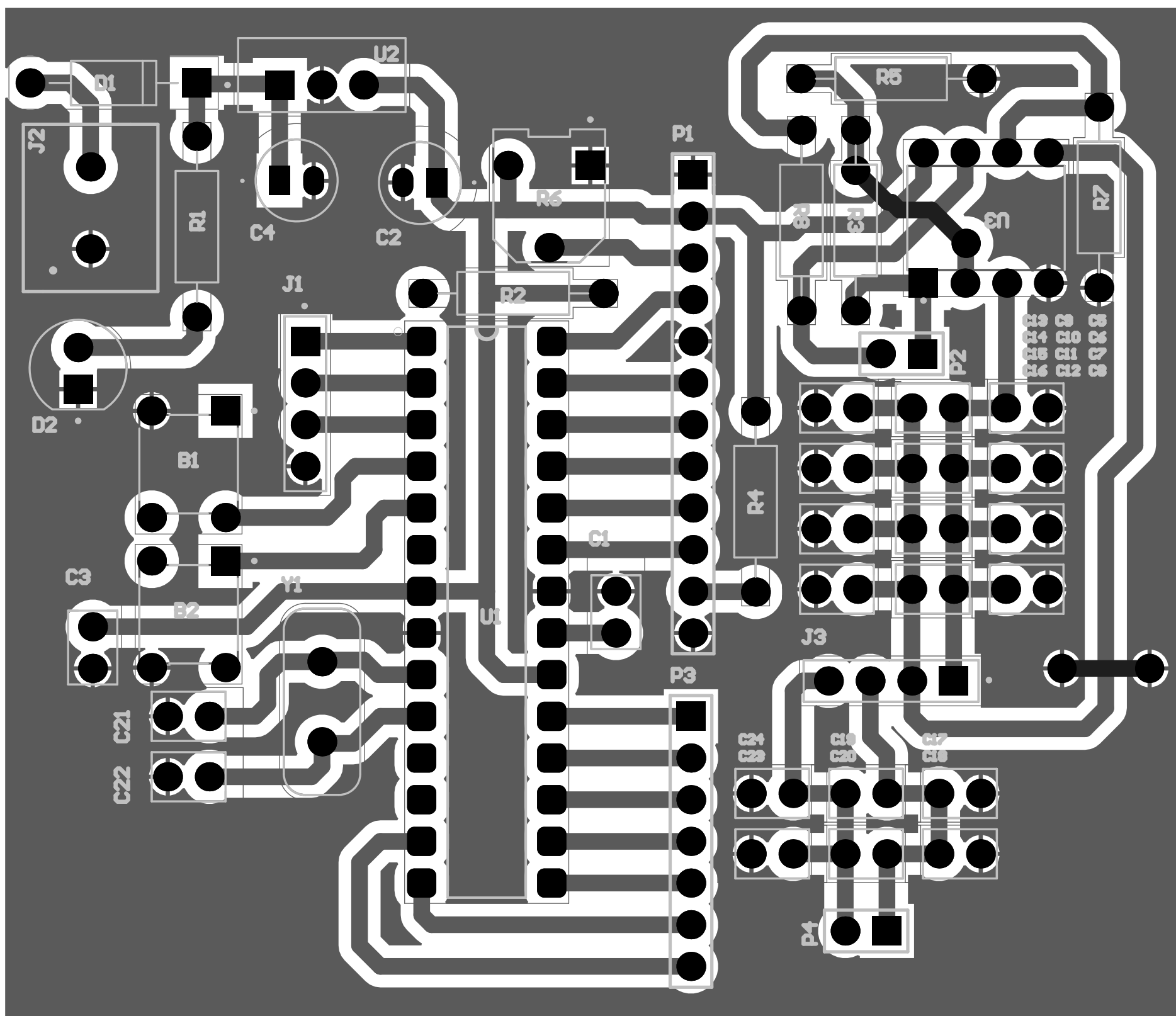
Power supply UNIT



Control UNIT



Title		
Size	Number	Revision
A4		
Date:	5-14-2023	Sheet of
File:	V:\Office\...\schematic.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
Push button		B1, B2	SW_TS02-66-95-BK-260-LCR-D	Push button	2
100nF	2200 pF $\pm 10\%$ 250V Ceramic Capacitor X7R Radial	C1, C3	CAPRB500W50L450T3 00H550	Ceramic capacitor	2
10uF	FS-A	C2	CAPPRD500W50D500 H1100	Electrolytic capacitor	1
100uF	FS-A	C4	CAPPRD500W50D500 H1100	Electrolytic capacitor	1
10pF	2200 pF $\pm 10\%$ 250V Ceramic Capacitor X7R Radial	C5, C7, C9, C11, C13, C15, C17, C19, C23	CAPRB500W50L450T3 00H550	Ceramic capacitor	9
33pF	2200 pF $\pm 10\%$ 250V Ceramic Capacitor X7R Radial	C6, C8, C10, C12, C14, C16, C18, C20, C24	CAPRB500W50L450T3 00H550	Ceramic capacitor	9
22pF	2200 pF $\pm 10\%$ 250V Ceramic Capacitor X7R Radial	C21, C22	CAPRB500W50L450T3 00H550	Ceramic capacitor	2
1N4007	Diode Switching 1KV 1A 2-Pin DO-41	D1	D1OAD1060W80L520D 270	1N4007	1
L08R5000Q1	LED, Orange, Through Hole, T-1 3/4 (5mm), 30 mA, 2.1 V, 635 nm	D2	LEDRD254W57D500H1 070	LED	1
Header 4	4 Position Header Connector Through Hole	J1	SULLINS_PPTC041LFB N-RC	Female header - 4Pins	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
TBlock	4 Position Header Connector Through Hole	J3	SULLINS_PPTC041LFB N-RC	Female header - 4Pins	1
Header 12	Header, 12-Pin	P1	HDR1X12	Header 12	1
Header 2	Header, 2-Pin	P2, P4	HDR1X2	Header 2	2
Header 7	Header, 7-Pin	P3	HDR1X7	Header 7	1
1k5	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R1	RESAD1100W55L680D 260	Resistor (0.25W)	1
10k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R2	RESAD1100W55L680D 260	Resistor (0.25W)	1
220	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R3, R4, R5, R7, R8	RESAD1100W55L680D 260	Resistor (0.25W)	5
1k	(3306F-1-105) 1 MOhms 0.2W, 1/5W PC Pins Through Hole Trimmer Potentiometer Cermet 1 Turn Top Adjustment	R6	TRIM_3306F-1-105	Potentiometer1	1
ATMEGA328P-PU	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP-28	U1	DIP794W46P254L2967 H457Q28B	ATMEGA328P-PU	1
LM7805		U2	TO255P1020X450X196 8-3	LM78__	1
LM358N	Check prices	U3	DIP794W45P254L959 H508Q8	LM358N/NOPB	1
16MHz	CRYSTAL T/H	Y1	XTAL_ECS-160-20-4X	Crystal oscillator	1