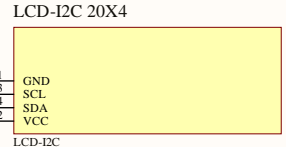
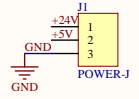
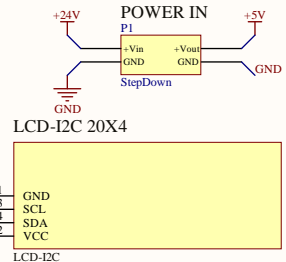
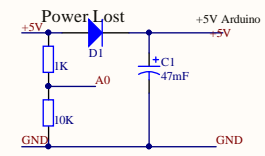
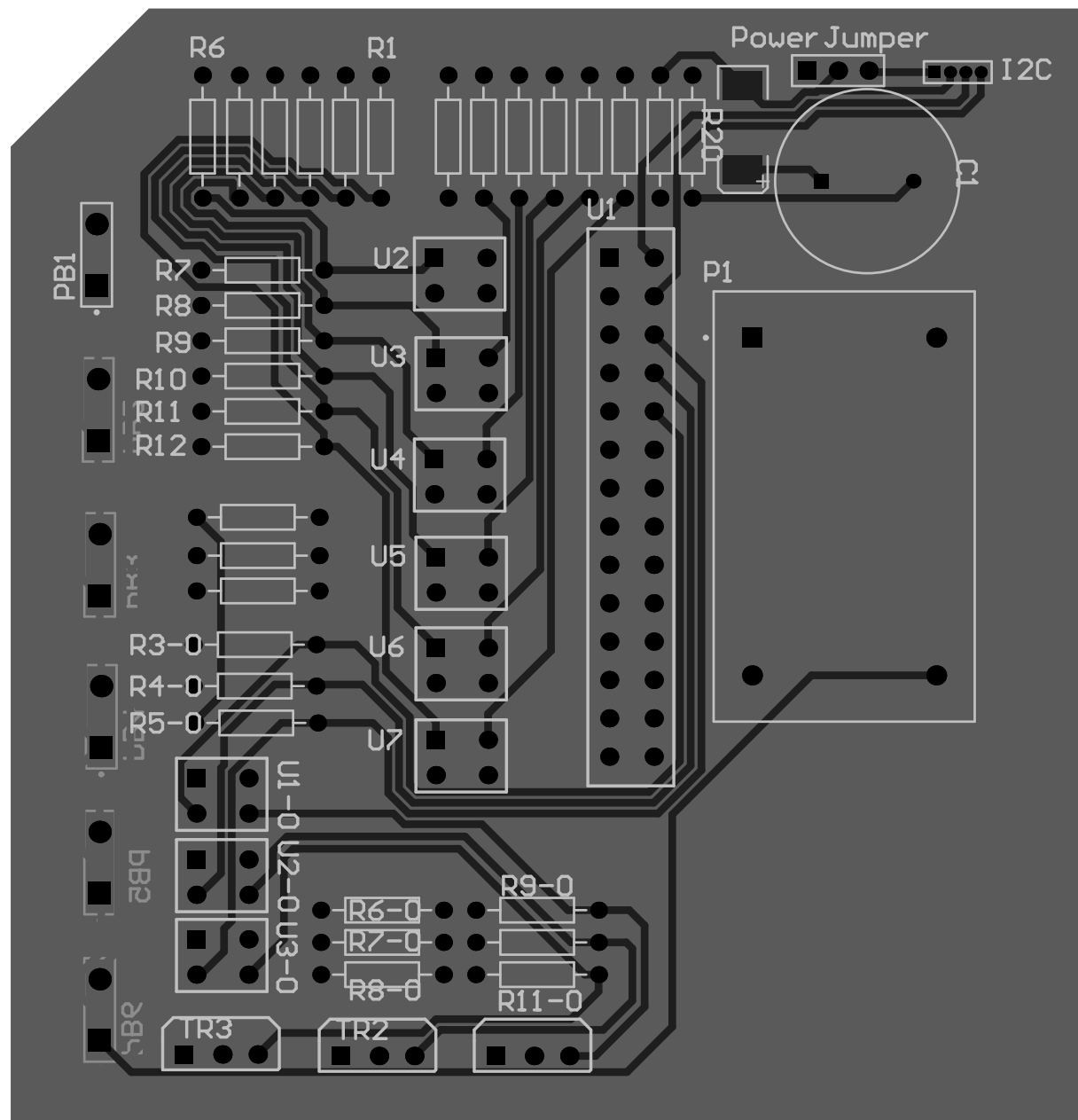


U1			
1	PC6/RST	ADC5/SCL	28 A5
2	PD0/RXD	ADC4/SDA	27 A4
3	PD1/TXD	ADC3/PC3	26 A3
4	PD2/INT0	ADC2/PC2	25 A2
5	PD3/INT1	ADC1/PC1	24 A1
6	PD4/T0/XCK	ADC0/PC0	23 A0
7	VCC	GND	22 GND
8	GND	AREF	21
9	GND	AVCC	20
10	PB6/XTAL1	SCK/PB5	19
11	PB5/T1	MISO/PB4	18
12	PD6/AIN0	MOSI/PB3	17
13	PD7/AIN1	SS/PB2	16
14	PB0/CLKO	PB1	15 D9

ATMEGA328



Title		
Size	Number	Revision
A3		
Date:	4/25/2022	Sheet of
File:	E:\1. Project\1.Schematics-IO.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
Cap Pol1	Polarized Capacitor (Radial)	C01	RB7.6-15	Cap Pol1	1
Diode	Default Diode	D1	SMC	Diode	1
POWER-J	Header, 3-Pin	J1	HDR1X3	Header 3	1
StepDown		P1	MODULE4	StepDown	1
NG+	Switch	PB1, PB2, PB3, PB4, PB5, PB6	SPST-2	SW-PB	6
Res2	Resistor	R0-O, R1, R1-O, R2, R2-O, R3, R3-O, R4, R4-O, R5, R5-O, R6, R6-O, R7, R7-O, R8, R8-O, R9, R9-O, R10, R10-O, R11, R11-O, R12, R13, R14, R15, R16, R17, R18, R19, R20	AXIAL-0.4	Res2	32
BD139	NPN General Purpose Amplifier	TR1, TR2, TR3	BD139	2N3904	3
ATMEGA328		U1	at328	ATMEGA328	1
PC817		U1-O, U2, U2-O, U3, U3-O, U4, U5, U6, U7	PC817	PC817	9
LCD-I2C		U99	MHDR1X4	I2C	1