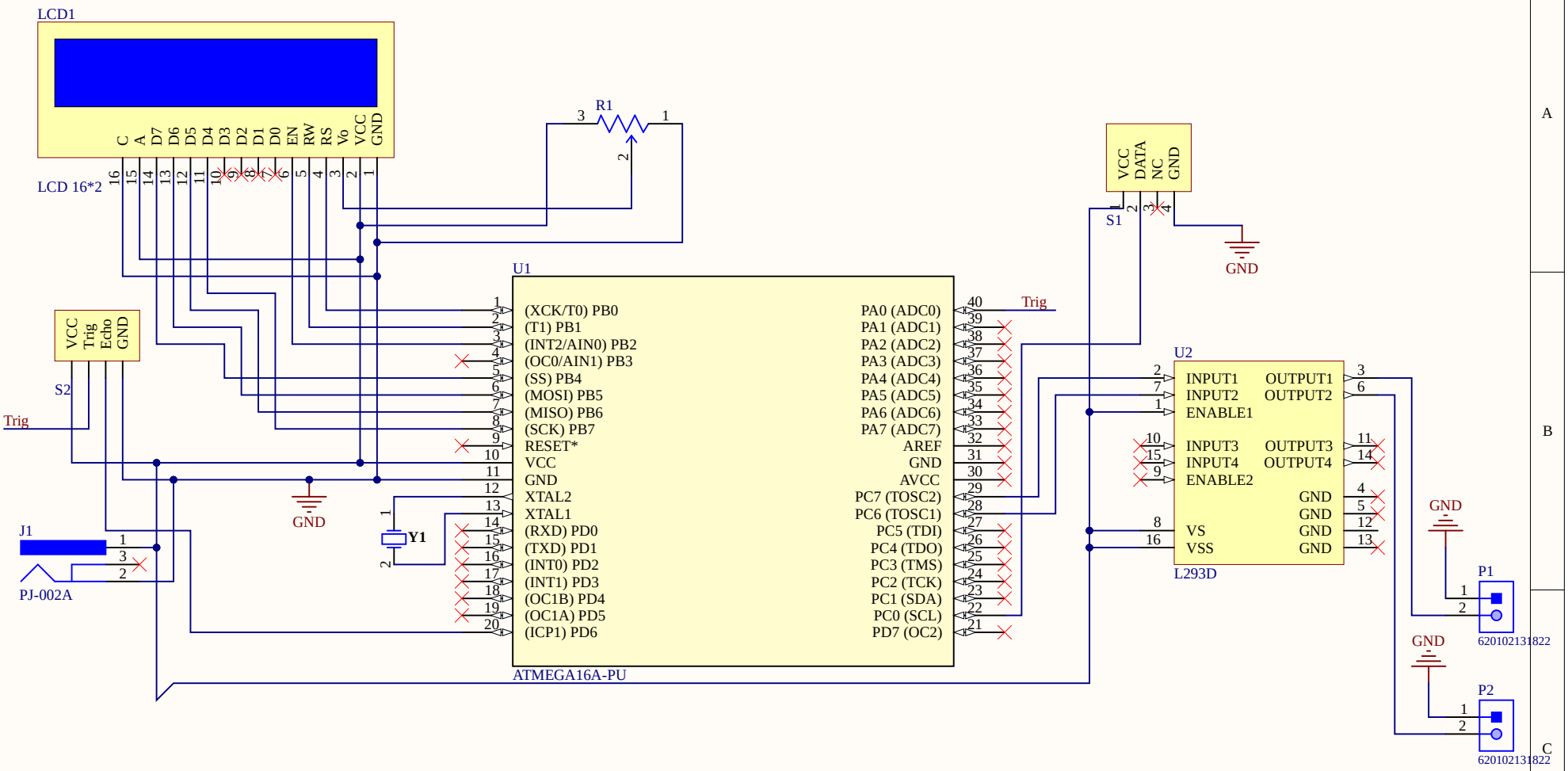

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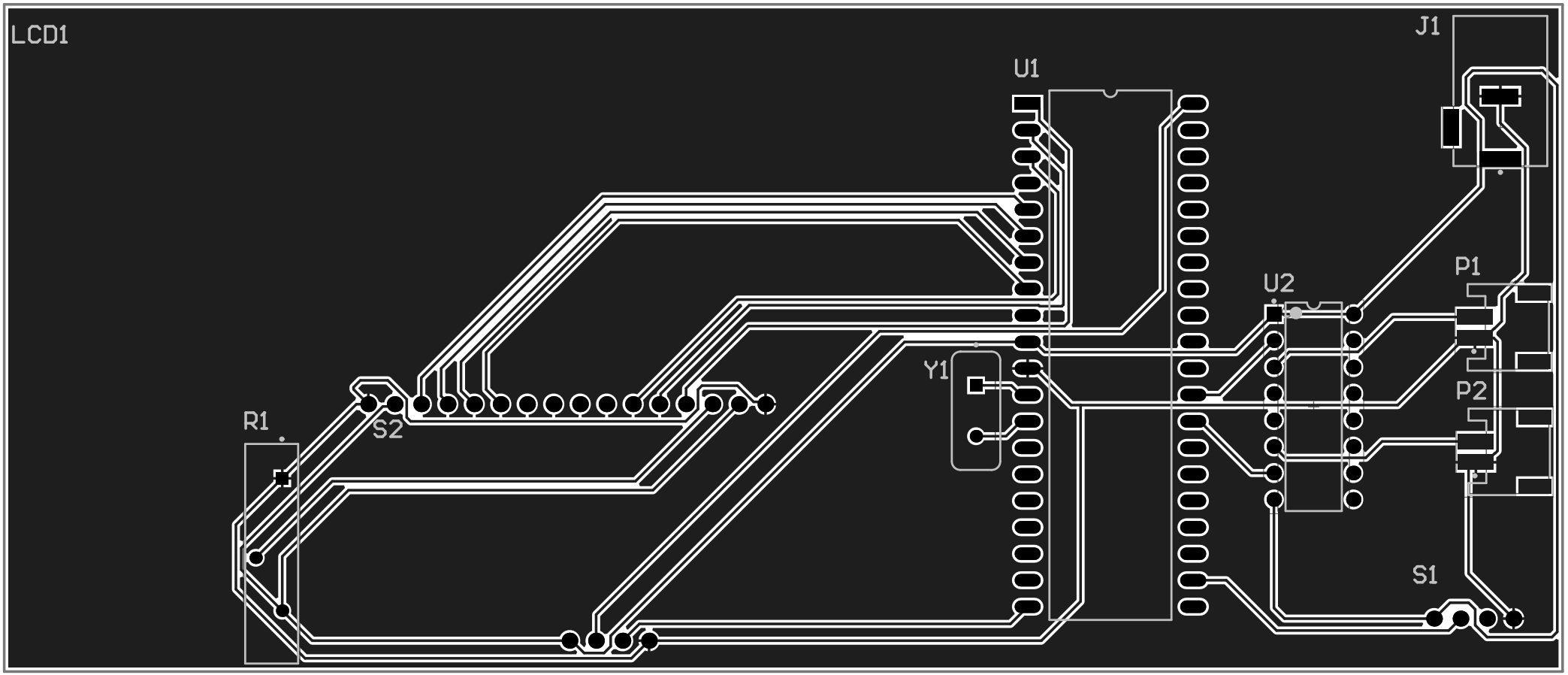
Size A	Number	Revision
Date: 5/13/2024		Sheet of
File: D:\AltiumFiles\..\Sheet2.SchDoc		Drawn By:


LCD1
U1
J1
U2
P1
P2
Y1
R1
S2
S1

Comment	Description	Designator	Footprint	LibRef	Quantity
PJ-002A	Through Hole Right Angle DC Power Jack, 2.5 A, 2 mm Center Pin, 3 Position, -25 to 85 degC, RoHS, Bulk	J1	CUI-PJ-002A_V	CMP-2000-06895-2	1
LCD 16*2		LCD1	LCD1602	LCD 16*2	1
620102131822	Male Shrouded Header WR-WTB, SMT, Right Angled, pitch 2 mm, 1 x 2 position	P1, P2	620102131822	CMP-1502-00669-1	2
3006P-1-103LF	TRIMMER 10KOHM 0.75W PC PIN SIDE	R1	FP-3006P-MFG	CMP-07234-000047-1	1
386	SENSOR HUMID/TEMP 5V DTL 5% MOD	S1	DHT11	386	1
HC-SR04	Ultrasonic Sensor Module, Rectangular, 20-4000 mm, 5 V, 15 mA, Arduino Compatible	S2	HC-SR04	HC-SR04	1
ATMEGA16A-PU	8-bit AVR MCU, 16 KB, 1024 Bytes, 16 MHz, 2.7 to 5.5V, PDIP-40, RoHS	U1	ATmega16A	ATMEGA16A-PU	1
L293D	Push-Pull Four Channel Driver with Diode, 4.5 to 36 V, -40 to 150 degC, 16-Pin PDIP, RoHS, Tube	U2	STM-L293D-16	L293D	1
FOXSLF/080-20	Resistance Weld Thru-Hole Crystal, 8 MHz, -20 to 70 degC, 2-Pin THD, RoHS, Bulk	Y1	FOX-FOXSLF080-20	CMP-1749-00002-1	1