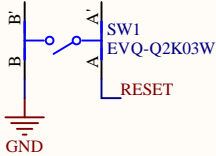
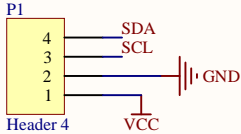


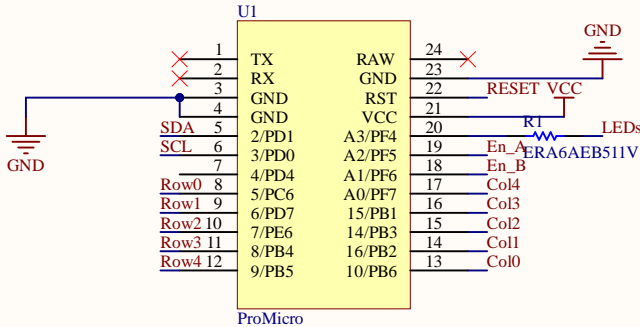
RESET BUTTON



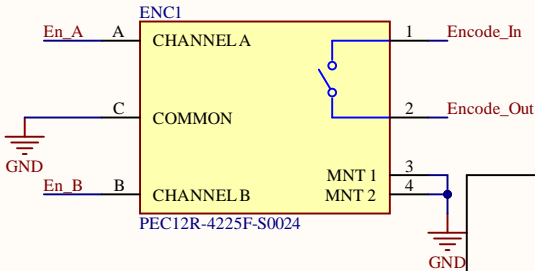
OLED OUTPUT



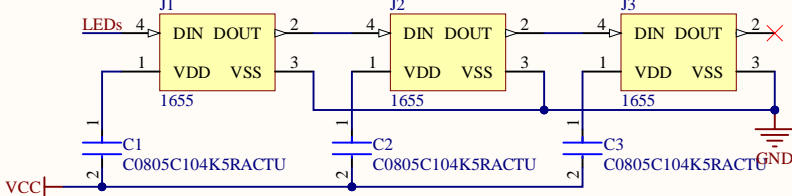
PROMICRO



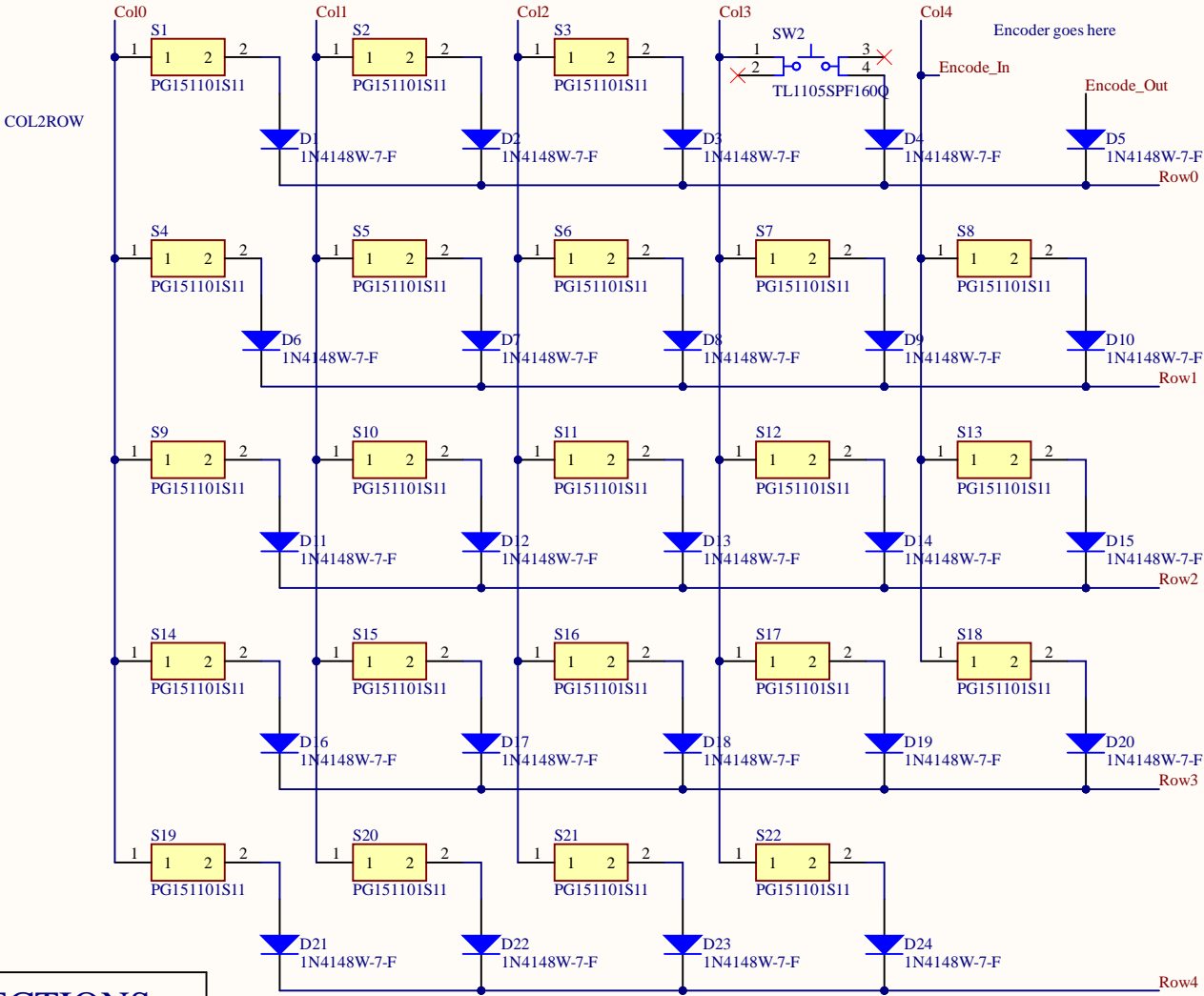
ROTARY ENCODER



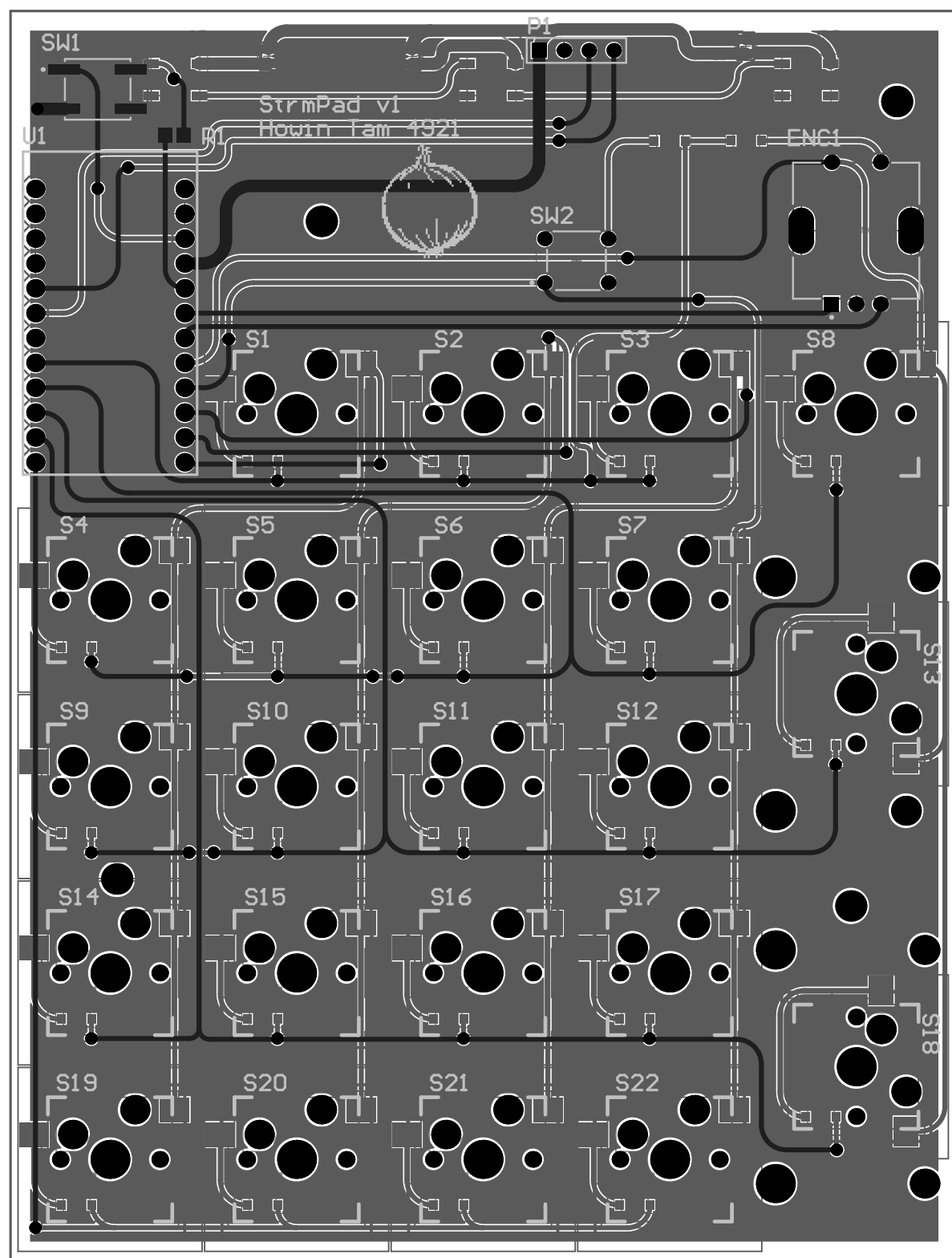
LED CONNECTIONS



KB MATRIX



Title		
Mechanical Numpad with OLED screen		
Size	Number	Revision
A4		
Date:	12/10/2021	Sheet of 1 of 1
File:	E:\Git\Hub Docs\Main_Design.SchDoc	Drawn By: Howin Tam



Comment	Description	Designator	Footprint	LibRef	Quantity
C0805C104K5RACTU	CAP CER 0.1UF 50V X7R 0805	C1, C2, C3	FP-C0805C-DN-MFG	CMP-2007-00279-2	3
1N4148W-7-F	Fast Switching Diode, 100 V, 0.15 A, -65 to 150 degC, 2-Pin?SOD123, RoHS, Tape and Reel	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24	DIOD-SOD123-2_V	CMP-2000-04932-2	24
PEC12R-4225F-S0024	ROTARY ENCODER MECHANICAL 24PPR	ENC1	FP-PEC12R-4225F-S0024-MFG	CMP-07421-000041-1	1
1655	Intelligent Control LED Integrated Light Source, 3.5 to 5.3 V, -25 to 80 degC, 4-Pin SMD, RoHS, Tape and Reel	J1, J2, J3	ADA-RGB-1655_V	CMP-2000-05026-1	3
Header 4	Header, 4-Pin	P1	HDR1X4	Header 4	1
ERA6AEB511V		R1	RESC2013X60X40ML20T25	CMP-2001-00648-1	1
PG151101S11	Keyswitch	S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S16, S17, S18, S19, S20, S21, S22	SW_PG151101S11	PG151101S11	22
EVQ-Q2K03W	SWITCH TACTILE SPST-NO 0.02A 15V	SW1	FP-EVQ-Q2K03W-MFG	CMP-05618-000015-1	1
TL1105SPF160Q	Tact Switch, SPST-NO, 50 mA, 12 VDC, -20 to 70 degC, 4-Pin THD, RoHS, Bulk	SW2	ESWI-TL1105SPF_V	CMP-2000-07248-1	1
ProMicro		U1	PCBComponent_1	Component_1	1