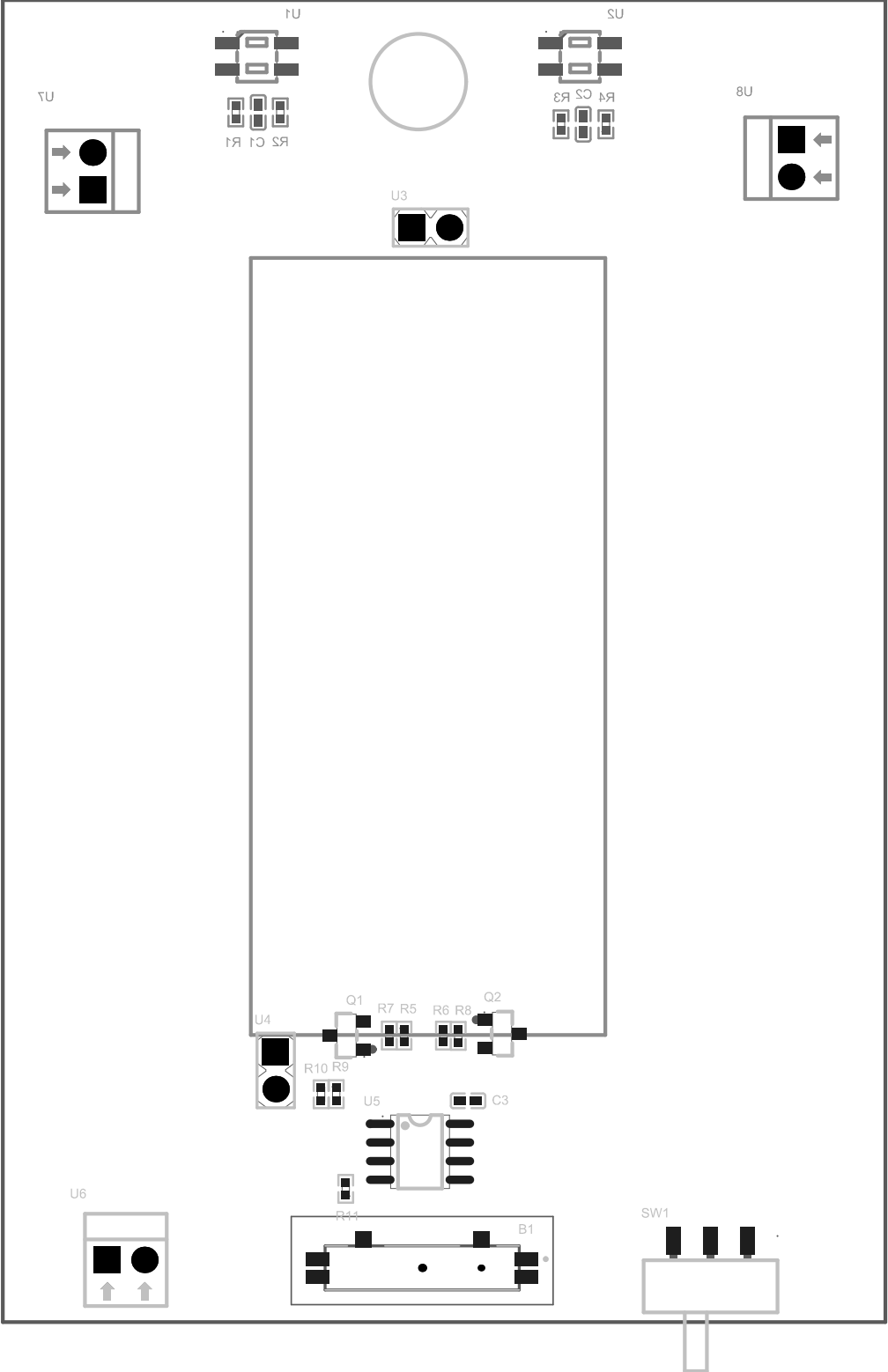


Digital Sensor

Title		
Size A4	Number	Revision
Date:	12/15/2025	Sheet of
File:	C:\myrepo\...\Sensor.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
RS08U11AZ001	Slide Potentiometers Vertical type, Travel 8mm, Lever length 1.3mm	B1	RS08U11AZ001	RS08U11AZ001	1
10nF	50V 10nF X7R ±10% 0402 Ceramic Capacitors ROHS	C1, C2	C0402	10nF	2
100nF	50V 100nF X7R ±10% 0402 Ceramic Capacitors ROHS	C3	C0402	100nF	1
SS8550-Y2	H档 200-350 PNP 电流:1.5A 电压:25V 该 PNP 双极晶体管适用于 线性和开关应用。 此器件采用 SOT-23 封装, 适用于低功 率表面贴装应用。	Q1, Q2	SOT-23_L2.9-W1.3- P1.90-LS2.4-BR	SS8550-Y2	2
100Ω	100Ω 62.5mW 50V ±100ppm/°C Thick Film Resistor ±1% 0402 Chip Resistor - Surface Mount ROHS	R1, R3	R0402	100Ω	2
220Ω	小尺寸、重量轻。 降低组装成本,与贴 片机匹配。适用于 波峰焊和回流焊	R2, R4	R0402	220Ω	2
3.3kΩ	62.5mW 3.3kΩ 50V ±100ppm/°C Thick Film Resistor ±1% 0402 Chip Resistor - Surface Mount ROHS	R5, R6	R0402	3.3kΩ	2
10Ω	10Ω 62.5mW 50V ±200ppm/°C Thick Film Resistor ±1% 0402 Chip Resistor - Surface Mount ROHS	R7, R8	R0402	10Ω	2
1kΩ	1kΩ 62.5mW 50V ±100ppm/°C Thick Film Resistor ±1% 0402 Chip Resistor - Surface Mount ROHS	R9, R10	R0402	1kΩ	2
5.1kΩ	5.1kΩ 62.5mW 50V ±100ppm/°C Thick Film Resistor ±1% 0402 Chip Resistor - Surface Mount ROHS	R11	R0402	5.1kΩ	1
SK-3245S-L4-A		SW1	SW-SMD_SK-3245S-L4-A	SK-3245S-L4-A	1
QRE1113GR	QRE1113 由在塑料矩形盒体 中与兼容硅光电晶 体管并排封装的 940nm 发射极组成。采用 表面贴装和通孔选 项。	U1, U2	OPTO- SMD_QRE1113GR	QRE1113GR	2
HX PZ2.54-1x2P ZZ		U3, U4	HDR-TH_2P-P2.54-V- M-3	HX PZ2.54-1x2P ZZ	2
LM393DR	LM393 商业级双通道差分 比较器	U5	LM393	LM393DR	1
WJ500V-5.08-2P-13-00A	2.54 screw terminal	U6, U7, U8	CONN-TH_DB125- 2.54-2P-GN	DORABO DB125-2.54- 2P-GN-S	3