

Designator	Description	Name	Quantity	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1
R1, R2, R3	Axial Resistor, 10 KOhm, +/- 1%, 0.25 W, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	MFR-25FBF52-10K	3	Yageo	MFR-25FBF52-10K	Avnet	MFR-25FBF52-10K
MT1	Incremental Encoder, 12 Mm, Contact Rating 10 Ma - 5 Vdc	PEC11R-4215F-S0024	1	Bourns	PEC11R-4215F-S0024	Arrow Electronics	PEC11R-4215F-S0024
U4	MakerFocus 2pcs I2COLED Display Module 0.91 Inch	8541549353	1	Shenzhen Jin Ma Ding Electronics Co., Ltd.	QG-2832TLBFG02	MakerFocus	8541549353
U1, U3	Parallel-Load Shift Register, 8-Bit, 2 to 6 V, -40 to 125 degC, 16-Pin PDIP (N), Pb-Free (RoHS), Rail/Tube	SN74HC165N	2	Texas Instruments	SN74HC165N	Digikey	296-8251-5-ND
U5, U6	RESARRAY7 RES 1K OHM 14DIP	4114R-1-102LF	2	Bourns	4114R-1-102LF	Newark	32K8310
U2	RP2040 XIAO RP2040 series ARM®Cortex®M0+ MCU 32-Bit Embedded Evaluation Board	102010428	1	Seeed Technology Co., Ltd	102010428	Digikey	1597-102010428-ND
SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12	SPST momentary switch 15.40mmx15.40mm	KS-8A10B055NW	12	Gateron	KS-8A10B055NW-D194	Divinikey	DK002607