

Reference	Value	Qty	Mouser Part No	Description
C1,C2,C3,C6,C7,C8,C9	0.1u	7		0805 Ceramic Capacitor
C4,C5	22uF	2	80-T491B226K010	3528 Tantalum Capacitor
D1,D2	SS12	2	625-SS12-E3	20V 1A Schottky Diode, SMA
J1	EXPSLOT	1	200-TSW11715GD	2 Row Pin Header 2.54mm Pitch 19mm Length
RN1	47k	1		4 resistor network, 4x0603
U1	74LVCH16T245DLR	1	595-SN74LVCH16T245LR	16-Bit Dual-Supply Bus Transceiver
U2	GAL16V8	1		GAL16V8 PLCC-20 Package
U3	AMS1117-3.3	1		1A Low Dropout regulator, positive, 3.3V fixed output, SOT-223
U4	Pico	1		Raspberry Pi Pico 2W
U5,U6	W25Q01JVZE	2	454-W25Q01JVZEIMTU	128MB NOR Flash, WSON-8 Package

Note: One Winbond W27C257 or W27E257 EEPROM is needed to replace the system ROM.