

REF DES	Quantity	Description	Mfg. PN	Manufacturer	Vendor	Vendor PN
C1, C2, C3, C4, C5, C7, C8, C11, C12	9	Cap, Ceramic, 0.1uF 50V, Z5U, 0805	C0805C104M5UACTU	<a href="#">KEMET</a>	Mouser	80-C0805C104M5U
C6, C9	2	Cap, Ceramic, 10uF 10V, 0805	8.85012E+11	<a href="#">Würth Electronics</a>	Mouser	710-885012107010
C10	1	Cap, Ceramic, 1nF 50V, 0805	FS055C102K4Z2A	<a href="#">AVX</a>	Mouser	581-FS055C102K4Z2A
J1	1	Connector, DB-25 Female, right angle	D25S33E4GX00LF	<a href="#">Amphenol FCI</a>	Mouser	649-D25S33E4GX00LF
J2	1	Connector, USB OTG (micro usb)	UJ2-MIBH2-4-SMT-TR	<a href="#">CUI</a>	Mouser	490-UJ2-MIBH2-4-SMT
R1, R2, R4, R5	5	Resistor, 10K 1% ohm, 0805	ERJ-6ENF1002V	<a href="#">Panasonic Industrial Devices</a>	Mouser	667-ERJ-6ENF1002V
U1	1	RS-232 Tranceivers, MAX3237ECDWR	MAX3237ECDWR	<a href="#">Texas Instruments</a>	Mouser	595-MAX3237ECDWR
U2	1	Low Drop-out linear regulator, AP7362	AP7362-33SP-13	<a href="#">Diodes Incorporated</a>	Mouser	621-AP7362-33SP-13
U3	1	ESP-WROOM-32	ESP32-WROOM-32	<a href="#">Espressif Systems</a>	Mouser	356-ESP-WROOM-32
SW1, SW2	2	Switch, Momentary	FSM4JSMA	<a href="#">TE Connectivity / Alcoswitch</a>	Mouser	506-FSM4JSMA
P1	1	Header, 6 pin	XG8V-0631	<a href="#">Harwin Omron Electronics</a>	Mouser	653-XG8V-0631
CON1	1	Connector, micro-SD-CARD, Pus-Push	503182-1852	<a href="#">Molex</a>		538-503182-1852
PCB	1	PCB				