

No	Quantity	Designator	Comment	Description	Package
1	7	C1, C2, C4, C7, C17, C20, C24	1uF	10V-5% Ceramic	CASE 0402
2	21	C3, C5, C6, C8, C9, C10, C11, C12, C13, C14, C15, C16, C18, C19, C21, C22, C23, C25, C29, C30, C34	0.1uF	50V-5% Ceramic	CASE 0402
3	2	C26, C27	15pF	50V-5% Ceramic	CASE 0402
4	1	C28	22nF	25V-20% Ceramic	CASE 0402
5	1	C31	1nF/2kV	1nF/2kV Ceramic	CASE 1808
6	2	C32, C33	18pF	50V-5% Ceramic	CASE 0402
7	2	C35, C36	6.8nF	50V-10% Ceramic	CASE 0402
8	1	C37	4.7uF	16V-10% Ceramic	CASE 0805
9	1	D1	BAT60A	Silicon Schottky Diode	SOD-323
10	2	J1, J2	2.54mm 1x20 Pin Header DIP	2.54mm 1x20 Pin Header DIP, Male	DIP
11	1	J3	2.54mm 1x3 Pin Header DIP	2.54mm 1x3 Pin Header DIP	DIP
12	1	L1	HH-1M1608-121JT	Bead for Power Line, 120[ohm]	CASE 0603
13	1	LD1	Red	SMD Red LED	CASE 0603
14	1	LD2	Green	SMD Green LED	CASE 0603
15	1	P1	Micro 5P B DBX 6.4	Micro USB B Connector SMD	SMD
16	1	P2	J1B1211CCD	CETUS RJ45, with Transformer, Tap Down	DIP
17	1	Q1	Q-2N7002	N-Channel 60-V (D-S) MOSFET	SOT23
18	4	R1, R11, R29, R30	470R	1/10W-1% SMD	CASE 0402
19	1	R2	5.6K	1/10W-1% SMD	CASE 0402
20	2	R3, R8	100K	1/10W-1% SMD	CASE 0402
21	1	R4	10K	1/10W-1% SMD	CASE 0402
22	1	R5	200K	1/10W-1% SMD	CASE 0402
23	2	R6, R9	27R	1/10W-1% SMD	CASE 0402
24	1	R7	200R	1/10W-1% SMD	CASE 0402
25	1	R10	1R	1/10W-1% SMD	CASE 0402
26	3	R12, R32, R33	4.7K	1/10W-1% SMD	CASE 0402
27	2	R13, R25	NC	1/10W-1% SMD	CASE 0402
28	3	R14, R26, R31	1K	1/10W-1% SMD	CASE 0402
29	4	R15, R16, R17, R18	3.3R	1/10W-1% SMD	CASE 0402
30	4	R19, R20, R21, R22	49.9R	1/10W-1% SMD	CASE 0402
31	1	R23	0R	1/10W-1% SMD	CASE 0402
32	1	R24	1M	1/10W-1% SMD	CASE 0402
33	1	R27	12.4K/1%	1/10W-1% SMD	CASE 0402
34	1	R28	10R/1%	1/10W-1% SMD	CASE 0402
35	2	SW1, SW2	PTS820	TACT Switch (SMD)	SMD
36	1	U1	LM8805SF5-33V	600mA CMOS LDO Regulator	SOT-23-5L
37	1	U2	RP2040	Raspberry Pi, Dual ARM Cortex-M0+ @ 133MHz	QFN56

No	Quantity	Designator	Comment	Description	Package
38	1	U3	W5500	WIZnet Hardwired TCP/IP Chip	LQFP48(0.5/9.0)
39	1	U4	W25Q16JVZPIM	3V 16M-BIT SERIAL FLASH MEMORY	WSO8
40	1	Y1	12MHz	X-tal 12MHz,3.2x2.5 SMD, CL=18pF	SMD3225, 4-PAD
41	1	Y2	25MHz	X-tal 25MHz,3.2x2.5 SMD, CL=18pF	SMD3225, 4-PAD
42	1		75 x 21 (mm), 2-layer, 1.0T, 1oz, FR-4, OSP, PCB: Green, Silk: White		