

No	Quantity	Designator	Comment	Description	Package
1	5	C1, C2, C4, C7, C20	1uF	10V-5% Ceramic	CASE 0402
2	24	C3, C5, C6, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C21, C22, C23, C24, C25, C28, C29, C30, C34	0.1uF	50V-5% Ceramic	CASE 0402
3	2	C26, C27	15pF	50V-5% Ceramic	CASE 0402
4	1	C31	1nF/2kV	1nF/2kV Ceramic	CASE 1808
5	2	C32, C33	18pF	50V-5% Ceramic	CASE 0402
6	1	D1	BAT60A	Silicon Schottky Diode	SOD-323
7	2	J1, J2	2.54mm 1x20 Pin Header	2.54mm 1x20 Pin Header DIP, Male	DIP
8	1	J3	2.54mm 1x3 Pin Header	2.54mm 1x3 Pin Header DIP	DIP
9	3	L1, L2, L3	HH-1M1608-121JT	Bead for Power Line, 120[ohm]	CASE 0603
10	1	LD1	Red	SMD Red LED	CASE 0603
11	1	LD2	Green	SMD Green LED	CASE 0603
12	1	P1	Micro 5P B DBX 6.4	Micro USB B Connector SMD	SMD
13	1	P2	RB1-125BAG1A	UDE RJ45, with Transformer, Tap Down	DIP
14	1	Q1	2N7002	N-Channel 60-V (D-S) MOSFET	SOT23
15	4	R1, R11, R29, R30	470R	1/10W-1% SMD	CASE 0402
16	1	R2	5.6K	1/10W-1% SMD	CASE 0402
17	2	R3, R8	100K	1/10W-1% SMD	CASE 0402
18	1	R4	10K	1/10W-1% SMD	CASE 0402
19	1	R5	200K	1/10W-1% SMD	CASE 0402
20	2	R6, R9	27R	1/10W-1% SMD	CASE 0402
21	1	R7	200R	1/10W-1% SMD	CASE 0402
22	1	R10	1R	1/10W-1% SMD	CASE 0402
23	1	R12	4.7K	1/10W-1% SMD	CASE 0402
24	2	R13, R25	NC	1/10W-1% SMD	CASE 0402
25	3	R14, R26, R31	1K	1/10W-1% SMD	CASE 0402
26	4	R15, R16, R17, R18	3.3R	1/10W-1% SMD	CASE 0402
27	4	R19, R20, R21, R22	49.9R	1/10W-1% SMD	CASE 0402
28	1	R23	0R	1/10W-1% SMD	CASE 0402
29	1	R24	1M	1/10W-1% SMD	CASE 0402
30	1	R27	12K	1/10W-1% SMD	CASE 0402
31	1	R28	300R	1/10W-1% SMD	CASE 0402
32	2	SW1, SW2	1185A	TACT Switch (SMD)	SMD
33	1	U1	LM8805SF5-33V	600mA CMOS LDO Regulator	SOT-23-5L
34	1	U2	RP2040	Raspberry Pi, Dual ARM Cortex-M0+ @ 133MHz	QFN56
35	1	U3	W5100S	WiZnet Hardwired TCP/IP Chip	LQFP48(0.5/9.0)
36	1	U4	W25Q16JVZPIM	3V 16M-BIT SERIAL FLASH MEMORY	WSON-8
37	1	Y1	S3225A-012000-F18	X-tal 12MHz,3.2x2.5 SMD, CL=18pF	SMD3225, 4-PAD
38	1	Y2	S3225A-025000-F18	X-tal 25MHz,3.2x2.5 SMD, CL=18pF	SMD3225, 4-PAD
39		PCB	75 x 21 (mm), 2-layer, 1.0T, 1oz, FR-4, OSP, PCB: Green, Silk: White		