

No	Quantity	Designator	Comment	Description	Package
1	4	C1, C2, C4, C7	1uF	10V-5% Ceramic	CASE 0402
2	15	C3, C5, C6, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C25, C34	0.1uF	50V-5% Ceramic	CASE 0402
3	1	C18	22uF	10V-10% Ceramic	CASE 0805
4	2	C26, C27	15pF	50V-5% Ceramic	CASE 0402
5	1	D1	BAT60A	Silicon Schottky Diode	SOD-323
6	2	J1, J2	2.54mm 1x20 Pin Header DIP	2.54mm 1x20 Pin Header DIP, Male	DIP
7	1	J3	2.54mm 1x3 Pin Header DIP	2.54mm 1x3 Pin Header DIP	DIP
8	1	J4	2.54mm 1x4 Pin Header DIP	2.54mm 1x4 Pin Header DIP	DIP
9	1	LD1	Red	SMD Red LED	CASE 0603
10	1	LD2	Green	SMD Green LED	CASE 0603
11	1	M1	WizFi360	Wiznet Wi-Fi Module	SMD
12	1	P1	Micro 5P B DBX 6.4	Micro USB B Connector SMD	SMD
13	1	Q1	2N7002	N-Channel 60-V (D-S) MOSFET	SOT23
14	2	R1, R11	470R	1/10W-1% SMD	CASE 0402
15	1	R2	5.6K	1/10W-1% SMD	CASE 0402
16	2	R3, R8	100K	1/10W-1% SMD	CASE 0402
17	1	R4	10K	1/10W-1% SMD	CASE 0402
18	1	R5	200K	1/10W-1% SMD	CASE 0402
19	2	R6, R9	27R	1/10W-1% SMD	CASE 0402
20	1	R7	200R	1/10W-1% SMD	CASE 0402
21	1	R10	1R	1/10W-1% SMD	CASE 0402
22	1	R12	4.7K	1/10W-1% SMD	CASE 0402
23	2	R13, R25	NC	1/10W-1% SMD	CASE 0402
24	1	R15	0R	1/10W-1% SMD	CASE 0402
25	7	R14, R16, R17, R18, R19, R26, R31	1K	1/10W-1% SMD	CASE 0402
26	2	SW1, SW2	1185SA(2.0)	TACT Switch (SMD)	SMD
27	1	U1	LM8805SF5-33V	600mA CMOS LDO Regulator	SOT-23-5L
28	1	U2	RP2040	Raspberry Pi, Dual ARM Cortex-M0+ @ 133MHz	QFN56
29	1	U4	W25Q16JVZPIM	3V 16M-BIT SERIAL FLASH MEMORY	WSON-8
30	1	Y1	12MHz	X-tal 12MHz,3.2x2.5 SMD, CL=18pF	SMD3225, 4-PAD
31	1		75 x 21 (mm), 2-layer, 1.0T, 1oz, FR-4, OSP, PCB: Green, Silk: White		