

WizFi310 Shield V1.0 Partlist					
Item	Q.ty	Reference	Part	Tech. Characteristics	Package
1	4	C1, C2, C5, C11	10uF/16V	Tantla CAP A Size EIA/IECQ 3216	EIA/IECQ 3216
2	7	C3, C6, C7, C8, C9, C12, C13	0.1uF	50V-10% Ceramic	CASE 0603
3	2	C4, C10	4.7uF/16V	Tantla CAP A Size EIA/IECQ 3216	EIA/IECQ 3216
4	2	D1, D2	BAT60A	Silicon Schottky Diode, 10V, 3A	SOD323
5	3	J1, J2, J3	2.54mm 1x9 Pin Header DIP	2.54mm 1x9 Pin Header DIP, Memale	DIP
6	1	J4	2.54mm 1x4 Pin Header DIP	2.54mm 1x4 Pin Header DIP, Memale	DIP
7	1	L1	HH-1M1608-121JT	Bead for Power Line, 120[ohm]	CASE 0603
8	5	LD1, LD2, LD3, LD4, LD6	Green LED	CHIP-LED, Green	CASE 0603
9	1	LD5	Red LED	CHIP-LED, Red	CASE 0603
10	1	M1	WizFi310-PA	WIZnet WiFi Module	SMD
11	2	J5, J8	9299-11-1x8 F	2.54mm Pin Header Socket 1x8, Female	DIP
12	1	J6	9299-11-1x6 F	2.54mm Pin Header Socket 1x6, Female	DIP
13	1	J7	9299-11-1x10 F	2.54mm Pin Header Socket 1x10, Female	DIP
14	1	P1	47346-0001	Micro USB Connector	SMD
15	2	Q1, Q2	2N7002	N Channel MOSFET	SOT23
16	8	R1, R5, R6, R7, R8, R14, R15, R19	4.7k	1/10W-5% SMD	CASE 0603
17	2	R2, R3	22R	1/10W-5% SMD	CASE 0603
18	6	R4, R17, R18, R20, R21, R22	330R	1/10W-5% SMD	CASE 0603
19	1	R9	10K	1/10W-5% SMD	CASE 0603
20	2	R11, R12	NC		
21	1	S1	GL5537	GL55 Series Photoresistor	DIP
22	1	S2	DHT11	Humidity & Temperature Sensor	DIP
23	2	SW1, SW6	KSD-02SC	2P DIP Switch	SMD
24	3	SW2, SW3, SW4	IT-1101NHA-180G	TACT Switch	SMD
25	1	SW5	KSD-03SC	3P DIP Switch	SMD
26	1	U1	CP2104-GM	SINGLE-CHIP USB-TO-UART BRIDGE	QFN-24
27	1	U2	IL1117C-33ET	1.0A CMOS LDO	SOT223
28	2		Jumper CAP	Open Type Jumper CAP	
29	1		PCB	2-Layer, 68.6mm x 53.3mm, PCB Color : Red, Silk Color : White	