

## WIZwiki W7500 V1.1 Partlist

Item	Q.ty	Reference	Part	Tech. Characteristics	Package
1	3	C1, C4, C20	10uF/16V	Tantal CAP, 10uF/16V, +/-20%	EIA/IECQ 3216
2	3	C2, C5, C28	1uF	25V-20% Ceramic	CASE 0603
3	2	C3, C6	18pF	50V-5% Ceramic	CASE 0603
4	2	C7, C8	12pF	50V-5% Ceramic	CASE 0603
5	1	C9	10nF	50V-5% Ceramic	CASE 0603
6	11	C10, C12, C13, C15, C16, C17, C18, C19, C24, C25, C26	0.1uF	50V-5% Ceramic	CASE 0603
7	2	C11, C14	22pF	50V-5% Ceramic	CASE 0603
8	1	C21	1n/2KV	1nF/2kV Ceramic	CASE1808
9	2	C22, C23	20pF	50V-5% Ceramic	CASE 0603
10	1	C27	4.7uF/16V	Tantal CAP, 4.7uF/16V, +/-20%	EIA/IECQ 3216
11	1	C29	1uF/16V	Tantal CAP, 1uF/16V, +/-20%	EIA/IECQ 3216
12	2	D1, D4	LS-SF677RGB4-H	3.5*2.8*1.9mm Surface Mount LED, RGB Full Color	SMD
13	1	D2	1SS181	Ultra High Speed Switching Application	SC59
14	1	D3	BAT60A	Silicon Schottky Diode, 10V, 3A	SOD323
15	1	J1	2.54mm 1x4 Pin Header DIP	2.54mm 1x4 Pin Header DIP, Male	DIP
16	1	J2	1.27mm 2x5 Pin Header SMD	1.27mm 2x5 Pin Header SMD, Male	SMD
17	1	J6	Not Mount	Not Mount	SMD
18	5	J3, J4, J5, J8, J14	2.54mm 1x2 Pin Header DIP	2.54mm 1x2 Pin Header DIP, Male	DIP
19	1	J7	2.54mm 2x9 Pin Header DIP	2.54mm 2x9 Pin Header DIP, Male	DIP
20	2	J9, J12	2.54mm 1x8 Pin Header Socket DIP	2.54mm 1x8 Pin Header Socket DIP, Female	DIP
21	1	J10	2.54mm 1x6 Pin Header Socket DIP	2.54mm 1x6 Pin Header Socket DIP, Female	DIP
22	1	J11	2.54mm 1x10 Pin Header Socket DIP	2.54mm 1x10 Pin Header Socket DIP, Female	DIP
23	1	J13	2.54mm 2x3 Pin Header DIP	2.54mm 2x3 Pin Header DIP, Male	DIP
24	5	L1, L2, L3, L4, L5	HH-1M1608-121JT	Bead for Power Line, 120[ohm]	CASE 0603
25	1	LD1	Red LED	CHIP-LED, Red	CASE 0603
26	1	P1	67503-1030	USB Mini B Type, SMD	SMD
27	1	P2	57-00013QL11-1	RJ45 Tab UP, Slim type, With Transformer	DIP
28	1	P3	7MSDP-B0-1012	Micro SD Card Socket	SMD
29	1	Q1	MMBT4403	PNP General-Purpose Amplifier	SOT23
30	8	R1, R2, R25, R28, R29, R43, R44, R46	1K	1/10W-5% SMD	CASE 0603
31	2	R3, R4	270R	1/10W-5% SMD	CASE 0603
32	6	R6, R8, R17, R21, R22, R47	0R	1/10W-5% SMD	CASE 0603
33	1	R7	1M	1/10W-5% SMD	CASE 0603
34	5	R5, R9, R26, R27, R30	Not Mount	Not Mount	CASE 0603
35	3	R10, R11, R12	4.7K	1/10W-5% SMD	CASE 0603
36	4	R13, R14, R16, R19	10K	1/10W-5% SMD	CASE 0603
37	2	R15, R20	1.5K	1/10W-5% SMD	CASE 0603
38	1	R18	5.6K	1/10W-5% SMD	CASE 0603

Item	Q.ty	Reference	Part	Tech. Characteristics	Package
39	2	R23, R24	33R	1/10W-5% SMD	CASE 0603
40	9	R31, R32, R33, R36, R38, R39, R40, R41, R42	5.1K	1/10W-5% SMD	CASE 0603
41	3	R34, R35, R45	330R	1/10W-5% SMD	CASE 0603
42	1	R37	6.2K / 1%	1/10W-1% SMD	CASE 0603
43	2	SW1, SW2	IT-1101NHA-180G	TACT Switch (SMD)	SMD
44	1	U1	W7500	WIZnet ARM Cortex-M0	TQFP64
45	1	U2	LPC111U35FHI33/501	32-bit ARM Cortex-M0 microcontroller	HVQFN33
46	1	U3	IP101GA	Single Port 10/100 MII/RMII/TP/Fiber Fast Ethernet	LQFP48
47	1	U4	AME8815BEGT330Z	1.5A CMOS LDO	SOT223
48	1	Y1	8MHz (SX-1)	X-tal 8MHz, CL=18pF, ATS Type	SMD
49	1	Y2	32.768KHz (CH-206)	X-tal 32.768KHz, CL=12.5pF	DIP
50	1	Y3	12MHz (TZ1067B-12MHz)	X-tal 12MHz, 3.2x2.5 SMD, CL=20pF	SMD3225, 4-PAD
51	1	Y4	25MHz (82J0626-25MHz)	X-tal 25MHz, 3.2x2.5 SMD, CL=18pF	SMD3225, 4-PAD
52	3		2P Jumper CAP	2P Jumper CAP	J3, J4, J5 에 장착
53	1		PCB	2-Layer, 83.71mm x 55.44mm, PCB Color : Red, Silk Color : White	