WIZwiki W7500P V1.0 Partlist

Item	Q.ty	Reference	Part	Tech. Characteristics	Package
1	4	C1, C2, C6, C7	18pF	50V-5% Ceramic	CASE 0603
2	13	C3, C4, C10, C11, C13, C14, C16, C18, C19, C20, C24, C26, C27	0.1uF	50V-5% Ceramic	CASE 0603
3	1	C5	1n/2KV	25V-20% Ceramic	CASE 1808
4	2	C8, C9	12pF	50V-5% Ceramic	CASE 0603
5	3	C12, C15, C17	10uF/16V	Tantal CAP, 10uF/16V, +/-20%	EIA/IECQ 3216
6	1	C21	4.7uF/16V	Tantal CAP, 4.7uF/16V, +/-20%	EIA/IECQ 3216
7	1	C22	1uF	25V-20% Ceramic	CASE 0603
8	1	C23	1uF/16V	Tantal CAP, 1uF/16V, +/-20%	EIA/IECQ 3216
9	2	C25, C28	22pF	50V-5% Ceramic	CASE 0603
10	2	D1, D7	LS-SF677RGB4-H	3.5*2.8*1.9mm Surface Mount LED, RGB Full Color	SMD
11	2	D2, D3	Green LED	CHIP-LED, Green	CASE 0603
12	1	D4	Red LED	CHIP-LED, Red	CASE 0603
13	2	D5, D6	BAT60A	Silicon Schottky Diode, 10V, 3A	SOD323
14	1	J1	NC	1.27mm 2x5 Pin Header SMD, Male	SMD
15	1	J10	NC	1.27mm 2x5 Pin Header SMD, Male	DIP
16	5	J2, J3, J4, J5, J9	2.54mm 1x2 Pin Header DIP	2.54mm 1x2 Pin Header DIP, Male	DIP
17	1	J8	NC	2.54mm 1x2 Pin Header DIP, Male	DIP
18	2	J6, J7	NC	2.54mm 1x10 Pin Header Socket DIP, Female	DIP
19	6	L1, L2, L3, L4, L5, L6	HH-1M1608-121JT	Bead for Power Line, 120[ohm]	CASE 0603
20	2	J13, J15	2.54mm 1x8 Pin Header Socket DIP	2.54mm 1x8 Pin Header Socket DIP, Female	DIP
21	1	J14	2.54mm 1x6 Pin Header Socket DIP	2.54mm 1x6 Pin Header Socket DIP, Female	DIP
22	1	J16	2.54mm 1x10 Pin Header Socket DIP	2.54mm 1x10 Pin Header Socket DIP, Female	DIP
23	2	J11, J12	2.00mm 1x10 Pin Header Socket DIP	2.00mm 1x10 Pin Header Socket DIP, Female	DIP
24	1	P1	7MSDP-B0-1012	Micro SD Card Socket	SMD
25	1	P2	57-00013QL11-1	RJ45 Tab UP, Slim type, With Transformer	DIP
26	1	P3	67503-1030	USB Mini B Type, SMD	SMD
27	1	Q1	IRLML6402	HEXFET Power MOSFET	SOT23
28	1	Q2	MMBT4403	PNP General-Purpose Amplifier	SOT23
29	1	R1	1M	1/10W-5% SMD	CASE 0603
30	5	R2, R3, R19, R20, R24	330R	1/10W-5% SMD	CASE 0603
31	7	R4, R8, R13, R15, R25, R26, R28	4.7K	1/10W-5% SMD	CASE 0603
32	1	R5	6.19K/1%	1/10W-5% SMD	CASE 0603
33	2	R6, R7	270R	1/10W-5% SMD	CASE 0603
34	3	R9, R12, R14	5.1K	1/10W-5% SMD	CASE 0603

35	4	R10, R37, R38, R41	NC	1/10W-5% SMD	CASE 0603
36	5	R11, R16, R17, R32, R33	0R	1/10W-5% SMD	CASE 0603
37	7	R18, R21, R22, R23, R36, R39, R40	1K	1/10W-5% SMD	CASE 0603
38	2	R27, R31	1.5K	1/10W-5% SMD	CASE 0603
39	1	R29	5.6K	1/10W-5% SMD	CASE 0603
40	1	R30	10K	1/10W-5% SMD	CASE 0603
41	2	R34, R35	33R	1/10W-5% SMD	CASE 0603
42	3	SW1, SW2, SW3	IT-1101NHA-180G	TACT Switch (SMD)	SMD
43	1	U1	W7500P	WIZnet ARM Cortex-M0, Add PHY	LQFP64
44	1	U2	AME8815BEGT330Z	1.5A CMOS LDO	SOT223
45	1	U3	LPC11U35FHI33/501	32-bit ARM Cortex-M0 microcontroller	HVQFN33
46	1	Y1	8MHz (SX-1)	X-tal 8MHz,CL=18pF, ATS Type	SMD
47	1	Y2	25MHz (82J0626-25MHz)	X-tal 25MHz,3.2x2.5 SMD, CL=18pF	SMD3225, 4-PAD
48	1	Y3	32.768KHz (CH-206)	X-tal 32.768KHz,CL=12.5pF	DIP
49	1	Y4	12MHz (TZ1067B-12MHz)	X-tal 12MHz,3.2x2.5 SMD, CL=20pF	SMD3225, 4-PAD
50	3		2P Jumper CAP	Open type 2P Jumper CAP	J3, J4, J5 에 장착
51	1		PCB	2-Layer, 83.71mm x 55.44mm, PCB Color : Red, Silk Color : White	