

W5500 EVB V1.0 Partlist

Item	Q.ty	Reference	Part	Tech. Characteristics	Package
1	4	C1, C3, C11, C22	10uF/16V	Tantal CAP, 10uF/16V, +/-20%	EIA/IECQ 3216
2	1	C12	4.7uF/16V	Tantal CAP, 4.7uF/16V, +/-20%	EIA/IECQ 3216
3	3	C13, C26, C32	10nF	25V-20% Ceramic	CASE 0603
4	2	C20, C21	18pF	50V-5% Ceramic	CASE 0603
5	1	C17	22nF	25V-20% Ceramic	CASE 0603
6	2	C7, C8	22pF	25V-20% Ceramic	CASE 0603
7	2	C18, C25	6.8.nF	50V-10% Ceramic	CASE 0603
8	1	C30	4.7uF	25V-20% Ceramic	CASE 0805
9	1	C24	1nF/2kV	1nF/2kV Ceramic	CASE 1808
10	15	C2, C4, C5, C6, C9, C10, C14, C15, C16, C19, C23, C27, C28, C29, C31	0.1uF	50V-5% Ceramic	CASE 0603
11	2	D1, D2	BAT60A	Silicon Schottky Diode, 10V, 3A	SOD323
12	1	J1	2pi DC Jack	2pi DC Jack	DCJ0202
13	1	J2	1.27mm Pin haeder 2x5	1.27mm Pinhaeder 2x5, Male	SMD
14	2	JP1, JP2			Not Mount
15	1	JP3			Not Mount
16	1	L1	MI0805K400R-10	Bead for Power Line, 40[ohm]	CASE 0805
17	1	L2	HH-1M1608-121JT	Bead for Power Line, 120[ohm]	CASE 0603
18	1	LED1	Red LED	CHIP-LED, Red	CASE 0603
19	2	LED3, LED4	Green LED	CHIP-LED, Green	CASE 0603
20	1	LED2	LS5050RGB	CHIP-LED, RGB	RGB LED 5050
21	1	P1	J1B1211CCD	Transformer + RJ45 + LED, Industrial	DIP
22	5	R1, R14, R15, R38, R39	330R	1/10W-5% SMD	CASE 0603
23	9	R19, R20, R21, R22, R24, R25, R26, R27, R40	10K	1/10W-5% SMD	CASE 0603
24	3	R16, R17, R18	10K	1/10W-5% SMD, JUMPER	CASE 0603
25	4	R29, R31, R32, R33	49R9 1%	1/10W-1% SMD	CASE 0603
26	1	R30	10R 1%	1/10W-1% SMD	CASE 0603
27	1	R35	1M	1/10W-5% SMD	CASE 0603
28	1	R34	12.4K 1%	1/10W-1% SMD	CASE 0603
29	1	R37	FT-63EP20K	Cermet Trimmers, Top Adjustment, 20K	DIP
	1	R3			Not Mount
30	3	R2, R11, R12	0R	1/10W-5% SMD	CASE 0603
31	4	R10, R13, R28, R36	22K	1/10W-5% SMD	CASE 0603
32	5	R4, R5, R6, R9, R23	1K	1/10W-5% SMD	CASE 0603
33	2	R7, R8	22R	1/10W-5% SMD	CASE 0603
34	2	S1, S6	ITS-12H(Angle)	Slide SW, Angle Type	DIP
35	4	S2, S3, S4, S5	SKHMPSE010	Tact SW	SMD
36	6	TP1, TP2, TP3, TP4, TP5, TP6			Not Mount
37	1	U4	AT45DB041D-SU	4-Megabit Serial Flash Memory	8S2



Item	Q.ty	Reference	Part	Tech. Characteristics	Package
38	1	U1	AME8815BEGT330	3.3V 1A LDO	SOT-223
39	1	U3	FT232RL	USB to UART	SSOP28
40	1	U3	LPC11E36FHN33/501	NXP Cortex M0 MCU	SOT-HVQFN33
41	1	U6	W5500	TCP/IP Chip	QFP48
42	1	U5	TC1047AVNB	Temperature to Voltage Sensor	SOT23
43	1	X1	67503-1030	USB Mini B Type	SMD
44	1	Y1	12MHz(TZ1067B)	X-tal 12MHz,3.2x2.5 SMD, CL=20pF	SMD3225, 4-PAD
45	1	Y2	82J0626-25.000MHz	X-tal 25MHz,3.2x2.5 SMD, CL=18pF	SMD3225, 4-PAD
46	1		2.54mm Pin haeder Socket 1x6	2.54mm Pin haeder Socket 1x6	DIP
47	2		2.54mm Pin haeder Socket 1x8	2.54mm Pin haeder Socket 1x8	DIP
48	1		2.54mm Pin haeder Socket 1x10	2.54mm Pin haeder Socket 1x10	DIP
49	1		PCB	2-Layer, 93mm x 53 mm	