W5100S-EVB V1.0 Partlist

Item	Q.ty	Reference	Part	Tech. Characteristics	Package
1	25	C1,C2,C3,C4,C5,C6,C7,C8,C9,C12,C13,C20,C21,C24,C28,C30,C31,C34,C35,C36,C37,C38,C39,C40,C	0.1uF	50V-5% Ceramic	CASE 0603
2	4	C11,C25,C26,C27	1uF	50V-5% Ceramic	CASE 0402
3	1	C10	3.3uF/16V	Tantal CAP, 3216 Size, 3.3uF/16V, +/-20%	EIA/IECQ 3216
4	3	C17,C18,C23	10uF/16V	Tantal CAP, 3216 Size, 10uF/16V, +/-20%	EIA/IECQ 3216
5	3	C19,C22,C29	4.7uF/16V	Tantal CAP, 3216 Size, 4.7uF/16V, +/-20%	EIA/IECQ 3216
6	1	C16	1nF/2kV	Ceramic CAP, 4520 Size, 1nF/2kV, +/-20%	CASE 1808(4520)
7	2	C32,C33	30pF	25V-5% Ceramic	CASE 0603
8	2	C14,C15	27pF	25V-5% Ceramic	CASE 0603
9	1	D1	BAT60A	Silicon Schottky Diode	SOD-323
10	2	J4,J7	2.54mm Socket haeder 1x8	2.54mm Socket haeder 1x8, Female	DIP
11	1	J5	2.54mm Socket haeder 1x6	2.54mm Socket haeder 1x6, Female	DIP
12	1	J6	2.54mm Socket haeder 1x10	2.54mm Socket haeder 1x10, Female	DIP
13	7	L1,L2,L3,L4,L5,L6,L8	HH-1M1608-121JT	Bead for Power Line, 120[ohm]	CASE 0603
14	1	LD9	Red LED	CHIP-LED, Red	CASE 0603
15	2	LD1,LD3	Yellow LED	CHIP-LED, Red	CASE 0603
16	5	LD2,LD4,LD5,LD6,LD7	Green LED	CHIP-LED, Red	CASE 0603
17	1	LD8	LS-SF677RGB4-H	3.5*2.8*1.9mm Surface Mount LED, RGB Full Color	SMD
18	1	P1	57-00013QL11-1	RJ45 Tab UP, Slim type, With Transformer	DIP
19	1	P2	47346-0001	Micro USB B Type, SMD	SMD
20	1	P3	DC-JACK 2pi	DC-JACK 2pi	DIP
21	2	R6,R35	0R	1/10W-5% SMD	CASE 0603
22	4	R2,R3,R4,R5	3.3R	1/10W-5% SMD	CASE 0603
23	2	R25,R26	22R	1/10W-5% SMD	CASE 0603
24	4	R8,R9,R10,R11	49.9R	1/10W-1% SMD	CASE 0603
25	4	R31,R32,R33,R34	330R	1/10W-5% SMD	CASE 0603
26	9	R13,R14,R15,R16,R17,R22,R23,R27,R28	1K	1/10W-5% SMD	CASE 0603
27	8	R1,R19,R20,R24,R29,R30,R38,R39	4.7K	1/10W-5% SMD	CASE 0603
28	1	R12	12.4K/1%	1/10W-1% SMD	CASE 0603
29	2	R7,R37	1M	1/10W-5% SMD	CASE 0603
30	1	SW1	KSD-02SC	DIP Switch SMD type, 2 Position, SPST	SMD
31	4	SW2, SW3, SW5, SW6	ITS-1107(SMD)	TACT Switch (SMD)	IT-1107(SMD)
32	1	SW4	ITS-12H	Slide Switch	ITS-12H
33	1	U1	TPD4S009DBVR	4-Channel ESD Solution for High-Speed Differential Interface	SOT-23-6L
34	1	U2	W5100S	WIZnet Hardwired TCP/IP Chip	LQFP48
35	1	U3	CP2104-GM	SINGLE-CHIP USB-TO-UART BRIDGE	QFN24
36	1	U4	AME8815BEGT330Z	1.5A CMOS LDO	SOT-223
37	1	U5	STM32F103VCT6	STM32 ARM-based 32-bit MCU with 64 Kbytes Flash, 100-pin LQ	LQFP100
38	1	U6	SN74LVC1G04DBVR	Single Inverter Gate	SOT-23-5L
39	1	U7	74HC573PW	Octal 3-State Non-Inverting Transparent Latch with LSTTL-Compa	TSSOP20
40	1	U8	74CBTLV3257PW	Quad 1-of-2 multiplexer/demultiplexer	TSSOP16
41	1	Y1	82J0626-25.000MHz	X-tal 25MHz,3.2x2.5 SMD, CL=27pF,Industrial,ITTI	SMD3225, 4-PAD
42	1	Y2	12MHz (TZ1067B-12MHz)	X-tal 12MHz,3.2x2.5 SMD, CL=30pF	SMD3225, 4-PAD
43	2	J1,J2	2.54mm Pin Header 2x26	Not Mount	DIP
44	1	J3	2.54mm Pin Header 1x5	Not Mount	DIP
45	1		PCB	4-Layer 90mm x 80mm	