

# W5100 Ethernet Shield V1.0 Partlist

Item	Q.ty	Reference	Part	Tech. Characteristics	Package
1	2	C1, C2	8pF	50V-5% Ceramic	CASE 0603
2	26	C3, C4, C5, C6, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C31, C33, C34, C36, C37, C38, C39, C40, C41, C42, C43, C44	100nF	50V-5% Ceramic	CASE 0603
3	2	C32, C35	1uF	50V-5% Ceramic	CASE 0603
4	3	C13, C14, C15	10uF/16V	Tantal CAP A Size EIA/IECQ 3216	EIA/IECQ 3216
5	4	C7, C8, C29, C30	22uF/16V	Tantal CAP A Size EIA/IECQ 3216	EIA/IECQ 3216
6	1	C9	1nF/2kV	1nF/2kV Ceramic	CASE 1803
7	3	R21, R22, R23	0R	1/10W-5% SMD	CASE 0603
8	4	R14, R15, R16, R17	49.9R / 1%	1/10W-1% SMD	CASE 0603
9	9	R7, R8, R9, R10, R11, R12, R13, R18, R19	330R	1/10W-5% SMD	CASE 0603
10	1	R4	4.7k	1/10W-5% SMD	CASE 0603
11	1	R20	10k	1/10W-5% SMD	CASE 0603
12	1	R3	12.3k / 1%	1/10W-1% SMD	CASE 0603
13	1	R1	1M	1/10W-5% SMD	CASE 0603
14	2	R2, R30	NC		CASE 0603
15	4	L1, L2, L3, L5	HCB2012KF-300T30	Bead for Power Line, 30[ohm]	CASE 0805
16	1	Y1	25MHz (82J0626-25MHz)	X-tal 25MHz, 3.2x2.5 SMD, CL=18pF	SMD3225, 4-PAD
17	1	LED1	Chip RED LED	Chip RED LED	CASE 0603
18	3	LED2, LED3, LED4	Chip GREEN LED	Chip GREEN LED	CASE 0603
19	3	LED5, LED6, LED7	Chip YELLOW LED	Chip YELLOW LED	CASE 0603
20	1	P2	7MSDP-B0-1012	MICRO SD CARD SOCKET-9P	SMD
21	1	P3	57-00013QL11-1	RJ45 1x1 Tab Down, 10/100 Base-T, PoE	DIP
22	1	JP1	2.54mm 2x3 PinHeader Scoket	2.54mm 2x3 PinHeader Scoket, Female	DIP
23	2	JP2, JP3	Molex 5045 4Pin	Molex 5045 4Pin	DIP
24	4	JP5, JP4, JP6, JP7	Molex 5045 3Pin	Molex 5045 3Pin	DIP
25	2	JP8, JP10	9299-11-1x8 F	2.54mm 1x8 PinHeader Scoket, Female	DIP
26	1	JP9	9299-11-1x6 F	2.54mm 1x6 PinHeader Scoket, Female	DIP
27	1	JP11	9299-11-1x10 F	2.54mm 1x10 PinHeader Scoket, Female	DIP
28	1	JP12	2.54mm 1x2 PinHeader	2.54mm 1x2 PinHeader Male	DIP
29	1	SW1	YST1157(3.1)	SMD Type Tact Switch	SMD
30	1	U1	W5100S	WIZnet W5100S	QFN48
31	1	U2	AME8815BEGT330	1.5A CMOS LDO	SOT-223
32	1	U3	MAX811TEUS	Supply Supervisors- Reset Controller	SOT143
33	4	U4, U5, U6, U7	SN74LVC1G125DCKR	Single Bus Buffer Gate With 3-State Output	SC70-5
34	1		Jumper CAP	Jumper CAP	
35	1		PCB	2-Layer, 53.3mm x 68.6mm, PCB Color : White, Silk Color : Black	

Bottom

JP12에 장착