W6100 MKR−Ethernet Shield V1.1 Partlist

Item	Q.ty	Reference	Part	Tech. Characteristics	Package	
1	2	C1, C2	8pF	50V-5% Ceramic	CASE 0402	
2	15	C3, C4, C5, C6, C10, C13, C14, C15, C16, C17, C18, C19, C21, C22, C23	100nF	50V-5% Ceramic	CASE 0402	
3	2	C11, C12	1uF	50V-5% Ceramic	CASE 0402	
4	4	C7, C8, C25, C26	22uF	10V-5% Ceramic	CASE 0805	
5	1	R6	0R	1/10W-5% SMD	CASE 0402	
6	4	R12, R13, R14, R15	49.9R	1/10W-1% SMD	CASE 0402	
7	8	R4, R7, R8, R9, R10, R11, R16, R17	330R	1/10W-5% SMD	CASE 0402	
8	3	R2, R5, R18	4.7k	1/10W-5% SMD	CASE 0402	
9	1	R3	12K	1/10W-1% SMD	CASE 0402	
10	1	R19	300R	1/10W-5% SMD	CASE 0402	
11	1	R1	1M	1/10W-5% SMD	CASE 0402	
12	4	L1, L2, L3, L4	HH-1M1608-121JT	Bead for Power Line, 120[ohm]	CASE 0603	
13	2	LED3, LED4	Chip GREEN LED	Chip GREEN LED	CASE 0603	
14	4	LED1, LED5, LED6, LED7	Chip YELLOW LED	Chip YELLOW LED	CASE 0603	
15	1	JP1	2.54mm 1x2 PinHeader	2.54mm 1x2 PinHeader, Male	DIP	
16	2	JP2, JP3	9299-11-1x14 F	2.54mm 1x14 PinHeader Scoket, Female	DIP	
17	1	P3	57-00013QL11-1	RJ45 1x1 Tab Down, 10/100 Base-T, PoE	DIP	
18	1	P1	10067099-200LF	MICRO SD CARD SOCKET-9P	SMD	온라인 구매
19	1	U2	LM8805SF5-33V	0.8A LDO	SOT23-5L	
20	1	U1	W6100-QFN	WIZnet W6100	QFN48	
21	1	Y1	25MHz (82J0626-25MHz)	X-tal 25MHz,3.2x2.5 SMD, CL=18pF	SMD3225, 4-PAD	
22	1		Jumper CAP	Jumper CAP		JP1에 장착
23	1		PCB	2-Layer, 61.5mm x 25mm, PCB: Purple, Silk: White		