

## WIZ820IO Rev1.0 Partlist (2014-06-25)

Item	Q.ty	Reference	Part	Tech. Characteristics	Package
1	2	C16,C17	18pF	50V-20% Ceramic	CASE 0402
2	8	C1,C5,C7,C9,C11,C12,C13, C15	0.1uF	16V-20% Ceramic	CASE 0402
3	2	C19, C20	TCSCS1C106MAAR (10uF/16V Tantal)	10uF/16V-20% Tantal Capacitor	Size A
4	1	C18	10uF	10V-20% Ceramic	CASE 0805
5	4	R1,R2,R3,R5	49.9 / 1%	1/10W-1% SMD	CASE 0402
6	2	R4,R6	200	1/10W-5% SMD	CASE 0402
7	12	R7,R8,R9,R10,R11,R12,R13,R14,R16, R17,R18,R20	10K	1/10W-5% SMD	CASE 0402
8	1	R19	28.7K / 1%	1/10W-1% SMD	CASE 0402
9	1	R15	1M	1/10W-5% SMD	CASE 0402
10	2	FB1,FB2	HH-1M1608-121JT	Ferrite BEAD	CASE 0603
11	2	J1,J2	1x6 6Pin 2.54mm Dip Pin Header (Male)	2.54mm pitch Pin-Header (M)	DIP 6Pin (1x6)
12	1	P1	BS-R250210 / SMD type Mag-Jack (UDE)	Transformer + RJ45 connector	SMD
13	1	U1	W5200	WIZnet TCP/IP Chip	QFN48
14	1	Y1	25MHz (3225 / SMD / Industrial Temp Spec)	SMD type Crystal (-40°C ~ +85°C)	SX32
15	3	C3,C4,C8	1uF	MLCC(Ceramic), 10V-20% SMD	CASE 0402
16	1	FB3	0R	Chip Resistor, 1/10W-5% SMD	CASE 0603
17	1		WIZ820IO REV1.0 1.6T 4Layer PCB	FR4, 1.6T, 4-Layer / Black color	