

MIGHTY1284P-WIFI, BOM, May 14, 2015

Item #	Description	Qty.	Reference Designator	Manuf. Part Number
1	Capacitor, 0.1UF/25V	4	C1,C4,C7,C8	
2	Capacitor, 22PF/25V	2	C5,C6	
3	Diode	1	D2	1N4148
4	Diode, schottky	2	D3,D4	BAT85S
5	Diode, schottky rectifier	1	D1	1N5817
6	Resistor, 1K 5% 1/8W	2	R1,R2	
7	Resistor, 2K 5% 1/8W	1	R6	
8	Resistor, 10K 5% 1/8W	3	R4,R7,R8	
9	Resistor, 1M 5% 1/8W	1	R3	
10	IC-Microcontroller, DIP40	1	U1	ATMEGA1284P
10A	Female socket, 1x20	2	U1	
10B	male header, 1x20	2	U2	
11	LED, Red, T1	1	L	
12	Switch, pushbutton	1	S1	
13	16 MHz Crystal, HS-49	1	X1	FOXSLF/160-20
14	Male header 1x2	1	J1	
14A	Jumper 1x2 FOR J1	1	J1	
15	Male header, Right angle, 1X6	1	FTDI	
16	Female header, Right angle, 2X5	1	H1	
17	PCB	1		OSHpark