

Mini Stick BOM, Aug. 30, 2014

Item #	Description	Qty.	Reference Designator	Manuf. Part Number
1	Capacitor, 0.1UF/25V	3	C1,C2,C3	
2	Capacitor, 22PF/25V	2	C4, C5	
3	Diode	1	D2	1N4148
4	Diode, schottky rectifier	1	D1	1N5817
5	Resistor, 1K 5% 1/8W	2	R1, R2	
6	Resistor, 2K 5% 1/8W	1	R5	
7	Resistor, 10K 5% 1/8W	1	R4	
8	Resistor, 1M 5% 1/8W	1	R3	
9	IC-Microcontroller, DIP28, 300mil	1	U1	ATMEGA328P
10	Female Header, long leads, 1x14	2	Sockets for U1	Samtec SS-114-G-7
11	Polyfuse 0.25A	1	FS	MF-R025
12	LED, Amber, T1	1	L	
13	Switch, small pushbutton	1	S1	
14	16 MHz Crystal, HS-49	1	X1	FOXSLF/160-20
15	Male header, Right angle, FTDI, 1X6	1	FTDI	
16	Jumper 1x2	1	J1	
17	PCB	1		OSHpark