

TFT_ESP8266 Shield BOM, Mar 7, 2015

Item #	Description	Qty.	Reference Designator	Manuf. Part #
1	Capacitor, 0.1UF	5	C1,C2,C3,C11,C12	
2	Capacitor, 22UF	2	C5, C6	
3	Capacitor, 10PF	2	C8,C9	
4	Diode	1	D1	1N4148
5	Diode, schottky rectifier	4	D2,D3,D4,D5	BAT85S
6	Resistor, 1K 5% 1/8W	3	R2,R4,R6	
7	Resistor, 2K 5% 1/8W	1	R7	
8	Resistor, 10K 5% 1/8W	8	R1,R3,R5,R10,R13,R14,R15,R18	
9	Resistor, 220 5% 1/8W	3	R9,R16,R17	
10	Resistor, 10 5% 1/8W	1	R19	
11	Transistor PNP TO-92	1	Q1	2N2907
12	Transistor NPN TO-92	1	Q2	2N2222
13	LED, GRN, T1	1	ON	
14	LED, Amber, T1	1	L	
15	Switch, 6MM X 6MM pushbutton	1	RSTSW	
16	Switch, Slide	1	S2	360-2134-ND or 633-SS12SDH2
17	Male header, Right angle, 2x3	1	H2	
18	Male header 2X3	10	J4,J5,J8,A-01,A-23,A-45,D-98,D-76,D-54,D-32	
19	Male header 1X2	2	J6,J7	
20	Male header 1X6	1	AD1	
21	Male header 1X8	2	IOL1,POWER1	
22	Male header 1X10	1	IOH1	
23	Female header 1X4	2	H6,H8	
24	Female header 1X9	1	H1	
25	Female header 2X4, Right Angle	2	H3,H7	
26	Battery Holder	1	BAT	BS-7-ND
27	3.3V Coin battery, CR2032	1		CR2032
28	Crystal 32.768KHz	1	X1	AB26T-32.768KHz
29	Hex Buffer, 16 pin DIP	1	U1	CD74HC4050E
30	RTC, 8 pin SIOC	1	U2	MCP79412-I/SN
31	3.3V LDO Regulator, TO-220	1	U3	LD1117V33
32	2-pin shunt plug	9		
33	PCB	1		OSHpark