

Counter	Part	Value	Device	Package	Description	PROD_ID	SF_ID	SF_SKU	VALUE
1	AD	J1	CONN_06NO_SILK_FEMALE_PTH	1X06_NO_SILK	Multi connection point. Often used as Generic Header-pin footprint for 0.1 inch spaced/style header connections	CONN-08437			
2	BLUE	LED	LED5MM	LED5MM	LED				
3	C1	22pF	22PF-PTH-2.54MM-200V-5%	CAP-PTH-2.54	22pF ceramic capacitors	CAP-09128			22pF
4	C2	22pF	22PF-PTH-2.54MM-200V-5%	CAP-PTH-2.54	22pF ceramic capacitors	CAP-09128			22pF
5	C4	0.1uF	22PF-PTH-2.54MM-200V-5%	CAP-PTH-2.54	22pF ceramic capacitors	CAP-09128			22pF
6	C5	0.1uF	22PF-PTH-2.54MM-200V-5%	CAP-PTH-2.54	22pF ceramic capacitors	CAP-09128			22pF
7	C6	0.1uF	22PF-PTH-2.54MM-200V-5%	CAP-PTH-2.54	22pF ceramic capacitors	CAP-09128			22pF
8	CIN	0.33pF	22PF-PTH-2.54MM-200V-5%	CAP-PTH-2.54	22pF ceramic capacitors	CAP-09128			22pF
9	COUT	0.1uF	22PF-PTH-2.54MM-200V-5%	CAP-PTH-2.54	22pF ceramic capacitors	CAP-09128			22pF
10	IHL	J3	CONN_06NO_SILK_FEMALE_PTH	1X06_NO_SILK	Multi connection point. Often used as Generic Header-pin footprint for 0.1 inch spaced/style header connections	CONN-08437			
11	IOH	J2	CONN_08";1X08"	Multi connection point. Often used as Generic Header-pin footprint for 0.1 inch spaced/style header connections	CONN-08438				
12	J1	POWER JACK	POWER JACK	POWER JACK_PTH	Power Jack Connector	CONN-08197			
13	J2	ISP	AVR_SPI_PROG_3X2PTH	2X3	AVR ISP 6 Pin				
14	J3	UART	6_PIN_SERIAL_CABLEPTH	FTDI_BASIC	6-pin header connection for use with the FTDI BASIC" pinout - CABLE SIDE."				
15	R1	10k	10KOHM-HORIZ_KIT-1/4W-5%	AXIAL-0.3-KIT	10kΩ resistor	RES-09435			10k
16	R3	1k	10KOHM-HORIZ_KIT-1/4W-5%	AXIAL-0.3-KIT	10kΩ resistor	RES-09435			10k
17	S1	RST	MOMENTARY-SWITCH-SPST-PTH-6.0MM	TACTILE_SWITCH_PTH_6.0MM	Momentary Switch (Pushbutton) - SPST	SWCH-08441		COM-00097	
18	TP1	5V	TEST-POINTPOGO_PTH	1X01_NO_SILK	SparkFun Test Points				
19	TP2	GND	TEST-POINTPOGO_PTH	1X01_NO_SILK	SparkFun Test Points				
20	TP5	RST	TEST-POINTPOGO_PTH	1X01_NO_SILK	SparkFun Test Points				
21	X	brd	BREADBOARD						
22	U1	328P	ATMEGA328P_PDIP	DIP28	Atmel 328P	IC-09136			328P
23	U2	R-78E5.0-1.0	R-78E5.0-1.0	DC-DC_CONVERTER_78XX	Recom Power 5V 1A DC/DC Converter	COM-13655			
24	Y1	16MHz	CRYSTAL-16MHZPTH-HC49US	HC49US	16MHz Crystal	XTAL-08181	COM-00536		16MHz