

Comment	Description	Designator	Footprint	LibRef	Quantity
SW_2Pin_100mil_Switch	2Pin Header	1, OUTPUT_SW1, POWER1	2Pin-Header-Conn	SW_2Pin_100mil_Switch	3
10uF	MULTILAYER CERAMIC CAPACITORS MLCC - SMD/SMT 1UF 50V 1206 ROHS	C1	1206_Passive_Capacitor	C_1uF_1206	1
22uF	MULTILAYER CERAMIC CAPACITORS MLCC - SMD/SMT 1UF 50V 1206 ROHS	C2, C3	1206_Passive_Capacitor	C_1uF_1206	2
1uF	MULTILAYER CERAMIC CAPACITORS MLCC - SMD/SMT 1UF 50V 1206 ROHS	C4	1206_Passive_Capacitor	C_1uF_1206	1
0.1uF	MULTILAYER CERAMIC CAPACITORS MLCC - SMD/SMT 1UF 50V 1206 ROHS	C5	1206_Passive_Capacitor	C_1uF_1206	1
diode		D1	Through hole diode	diode	1
Blue	blue 1206 Light Emitting Diodes (LED) ROHS	LED1, LED2, LED3, LED4, LED5	LED_1206	LED_BLUE_1206	5
Power Jack	Power Barrel Connector Jack 2.10mm ID (0.083"), 5.50mm OD (0.217") Through Hole, Right Angle	P1	Power_Jack	P_Power Jack	1
AMS1117-5.0	LOW DROPOUT REGULATORS(LDO) POSITIVE FIXED 1.3V @ 1A 15V 5V 1A SOT-223 ROHS	PS1	LDO	PS_AMS_LDO_5V	1
1KOhm	1kΩ ±1% 0.25W ±100ppm/°C 1206 Chip Resistor - Surface Mount RoHS	R1, R6	1206_Passive_Resistor	R_4.7k_1206	2
Pot	3 pin potentiometer, Through hole component	R2	potentiometer	Potentiometer	1
4.7KOhm	4.7kΩ ±1% 0.25W ±100ppm/°C 1206 Chip Resistor - Surface Mount RoHS	R3	1206_Passive_Resistor	R_4.7k_1206	1
500hm	50Ω ±1% 0.25W ±100ppm/°C 1206 Chip Resistor - Surface Mount RoHS	R4	1206_Passive_Resistor	R_4.7k_1206	1
10KOhm	4.7kΩ ±1% 0.25W ±100ppm/°C 1206 Chip Resistor - Surface Mount RoHS	R5	1206_Passive_Resistor	R_4.7k_1206	1
3000hm	300Ω ±1% 0.25W ±100ppm/°C 1206 Chip Resistor - Surface Mount RoHS	R7	1206_Passive_Resistor	R_4.7k_1206	1
10x Probe TP	Test Point 300 mil centers	TP1, TP3	TP10x_Probe	TP_10x_Probe	2
LED Test probe	Test Point 300 mil centers	TP2	TP10x_Probe	TP_10x_Probe	1
NE555DR	555 Timer SOIC-8_150MIL ROHS 150ns Rise Time	U1	TS555IDTTR	U_555_Slow	1