

Logic Probe BOM

Part	Value	Package	Description
IC1	74HC00	SO14	Quad 2-input NAND gate
Q1	BC847B	SOT23-3	NPN transistor
R1	4.7k	1206	Resistor
R2	510	0805	Resistor
R3	510	0805	Resistor
R4	510	0805	Resistor
R5	10k	0805	Resistor
C1	0.1u	0805	Capacitor
C2	0.1u	0805	Capacitor
LED1	Green	1206	LED
LED2	Red	1206	LED
LED3	Blue	1206	LED
LS1	BUZZER-PTH	BUZZER-12MM	Buzzer
S1	pwr_switch	SWITCH_DPDT_SMD_AYZ0202	Double-Pole, Double-Throw (DPDT) Switch
S2	buzzer_switch	SWITCH_DPDT_SMD_AYZ0202	Double-Pole, Double-Throw (DPDT) Switch
BT1	CR1632	BATTCON_16MM_PTH	Battery - Single Cell
J1	GND_connector	MOLEX-1X2	Generic Header-pin, 0.1 inch spaced