

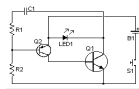


Circuit Name:

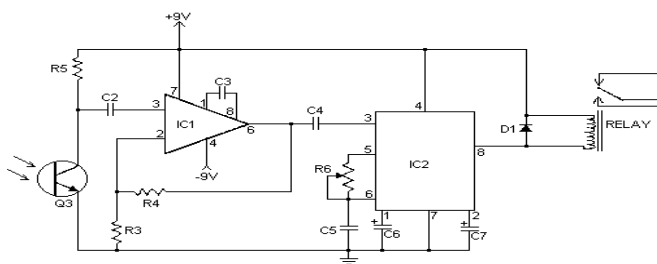
# Infrared Remote Control



Disclaimer



## Transmitter --^



## Receiver --^

### Parts List:

Component:	Value:	Datasheet:	Qty:
Resistor [R1]	11K, ¼W	Not Available	01
Resistor [R2]	1M, ¼W	Not Available	01
Resistor [R3]	1K, ¼W	Not Available	01
Resistor [R4, R5]	100K, ¼W	Not Available	02
Potentiometer [R6]	50K	Not Available	01
Capacitor [C1, C2]	0.01uF, 16V	Not Available	02
Capacitor [C3]	100pF, 16V	Not Available	01
Capacitor [C4]	0.047uF, 16V	Not Available	01

Capacitor [C5]	0.1uF, 16V	Not Available	01
Capacitor [C6]	3.3uF, 16V	Not Available	01
Capacitor [C7]	1.5uF, 16V	Not Available	01
Transistor [Q1]	2N2222	<a href="#">Available</a>	01
Transistor [Q2]	2N2907	Not Available	01
Transistor [Q3]	NPN Phototransistor	Not Available	01
Diode [D1]	1N914	<a href="#">Available</a>	01
IC [IC1]	LM308	<a href="#">Available</a>	01
IC [IC2]	567	<a href="#">Available</a>	01
LED [LED1]	Infrared LED	Not Available	01
Relay	6V Relay	Not Available	01
Switch [S1]	SPST Push Button	Not Available	01
Battery [B1]	3V	Not Available	1

- To adjust the circuit, hold down S1 while pointing LED1 at the receiver. Adjust R6 until you hear the relay click.
- You can increase range by using a high output LED for LED1.
- Bright light will stop the receiver from responding to the transmitter.

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