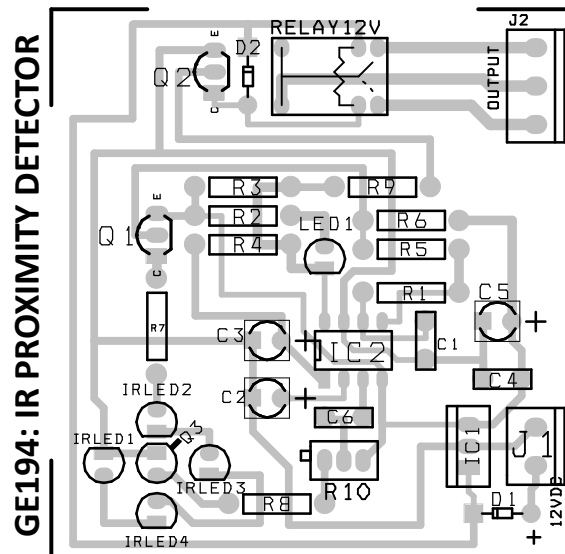
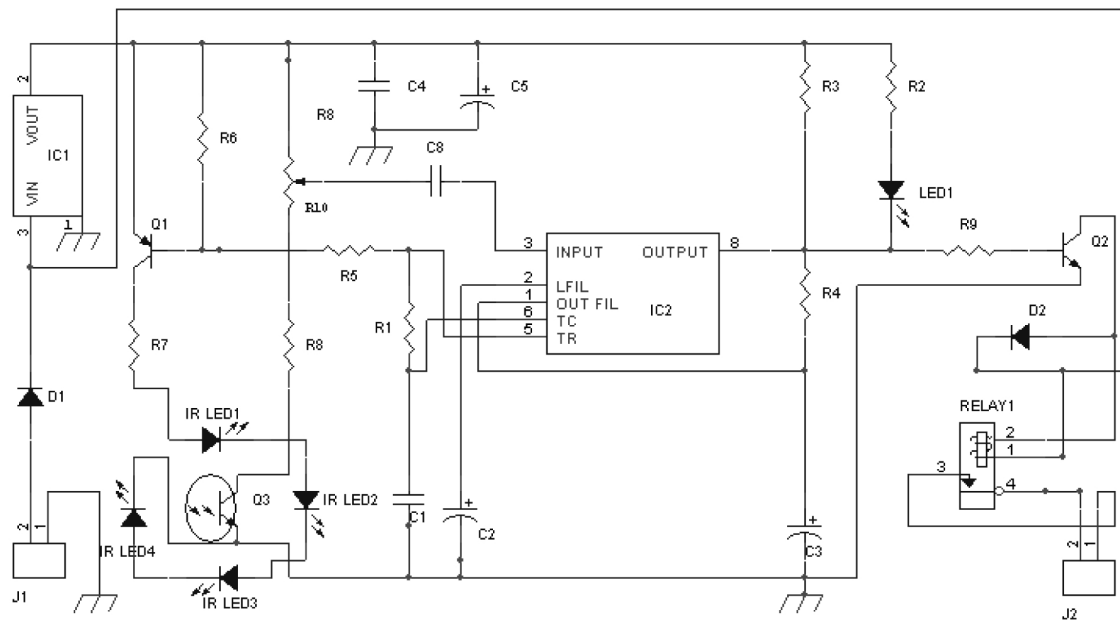


IR PROXIMITY DETECTOR

GE 194



BILL OF MATERIALS:

R1:	10 K OHM (Brown, Black, Orange)
R2:	300 OHM (Orange, Black, Brown)
R3, R6, R9:	4.7 K OHM (Yellow, Violet, Red)
R4:	1 M OHM (Brown, Black, Green)
R5:	6.8 K OHM (Blue, Gray, Red)
R7, R8:	0.5 OHM (Green, Black, Silver)
R10:	20 K OHM Resistance Variable (Multi-Tour)
C1, C6:	22nF 100V 223
C2:	2.2 uF 50V
C3:	4.7 uF 50V
C4:	470 nF 50V 474

C5:	100 uF 16V
D1, D2:	Signal Diode (1N4007)
IC1:	7805 (Voltage Regulator)
IC2:	LM567 (Tone Decoder)
IR LED1 → IR LED4:	Infra Red Diode
Q1:	BC557 (PNP Transistor)
Q2:	BC337 (NPN Transistor)
Q3:	Photo Transistor
LED1:	LED RED 5mm
Relay1:	Relay 12V
J1, J2:	Screw Junction