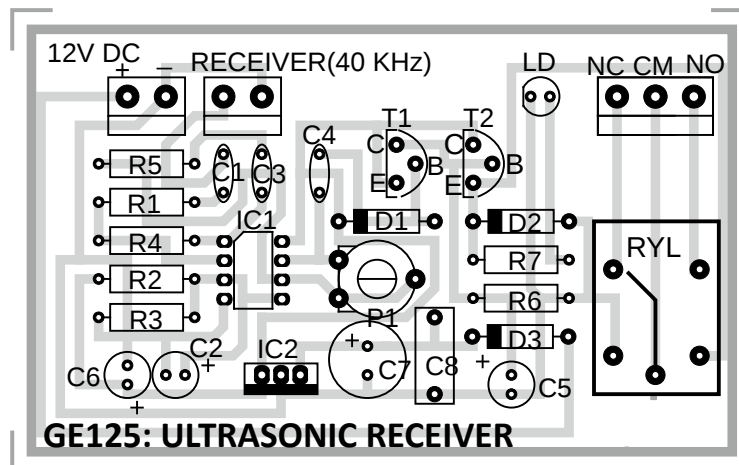
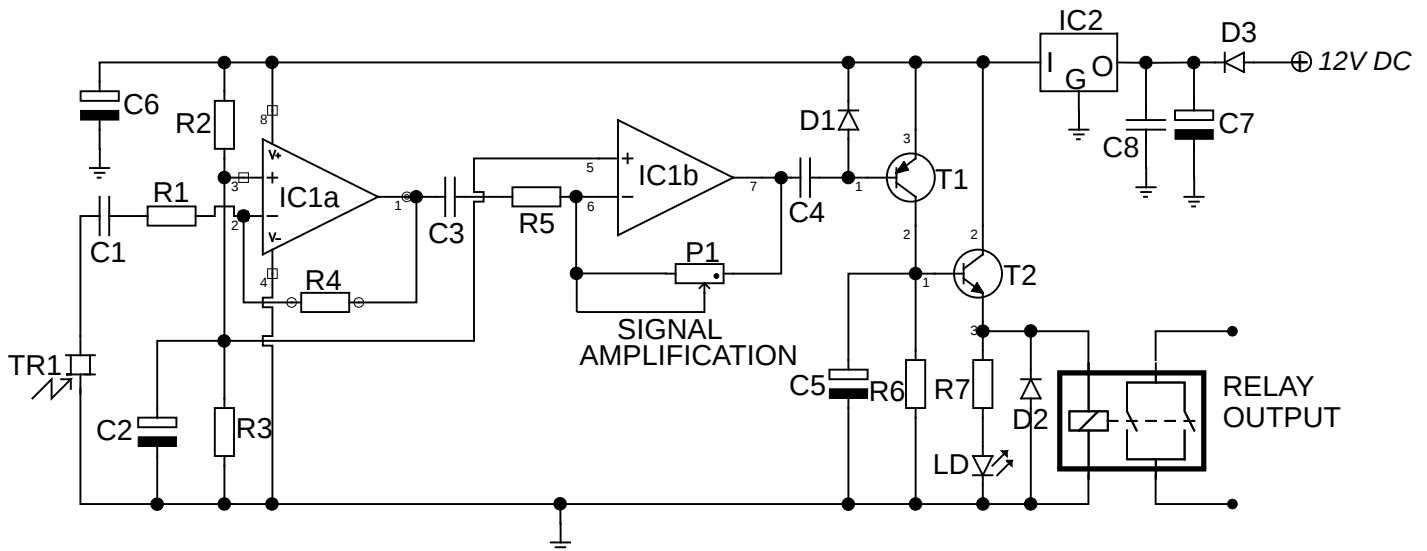


ULTRASONIC RECEIVER (40 KHz)

GE 125



Bill of materials:

- | | |
|--|--------------------------------------|
| * R1 : 1.2 KOhm (BROWN-RED-RED) | * D1-D2: 1N4148 (SIGNAL DIODE) |
| * R2-R3: 47 KOhm (YELLOW-VIOLET-ORANGE) | * D3 : 1N4001 (DIODE) |
| * R4 : 100 KOhm (BROWN-BLACK-YELLOW) | * T1 : BC327 (PNP TRANSISTOR) |
| * R5 : 3.9 KOhm (ORANGE-WHITE-RED) | * T2 : BC548 (NPN TRANSISTOR) |
| * R6 : 5.6 KOhm (GREEN-BLUE-RED) | * IC1 : TL082 (DUAL OPAMP) |
| * R7 : 560 Ohm (GREEN-BLUE-BROWN) | * IC2 : 7809 (VOLTAGE REGULATOR) |
| * P1 : 100 KOhm (POT VARIABLE RESISTANCE) | * IC SUPPORT (8 PINS) |
| * C1-C3: 3.3 nF/50V<332>(CERAMIC CAPACITOR) | * LED (5MM) |
| * C2-C6: 22 uF/25V (ELECTROLYTIC CAPACITOR) | * RYL : 6V DC RELAY |
| * C4-C8: 2.2 nF/50V <222>(CERAMIC CAPACITOR) | * TR1 : CTD40R (ULTRASONIC RECEIVER) |
| * C5 : 10 uF/25V (ELECTROLYTIC CAPACITOR) | * 2 SCREW JUNCTION (2 PIECES) |
| * C7 : 470 uF/25V (ELECTROLYTIC CAPACITOR) | * 3 SCREW JUNCTION |