

Model: DA302

OPERATIONAL CIRCUIT DESCRIPTION

S1 is a PIR sensor, once detects movement it will generate a signal couple to U2 (amplifier and comparator), then activates U1 (micro controller) to generate a digital signal to Q2 (R.F. osc.) and modulates to a high frequency signal which will last for 2 seconds.

U3 is a 3V regulator for U1, U2 power supply.

U4 is a voltage detector, once voltage drop below 7V, LED will light up.

POWER SUPPLY AND GROUND

One 9V battery is the only power supply for the transmitter. No external power is needed.