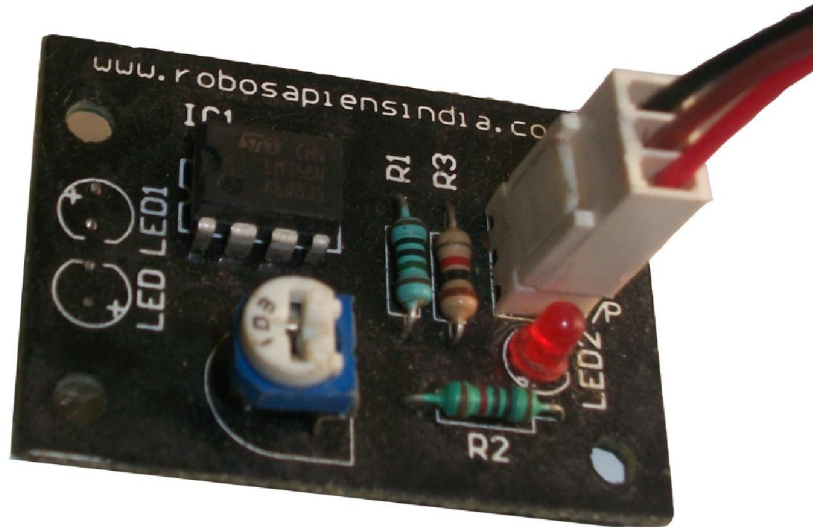


Robosapien's Infrared Sensors



User Manual

Robosapiens India

<http://www.robosapiensindia.com>

info@robosapiensindia.com

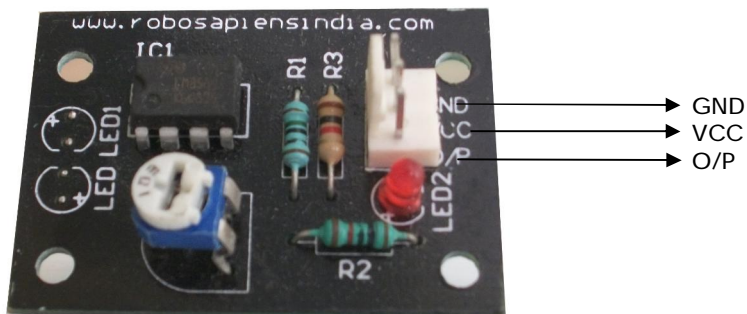
Thanks for purchasing **Robosapiens's Infrared sensors**. This sensor is designed to use in multiple applications. This document covers detail features of this product with step by step screen shots of handling procedure.

Features:

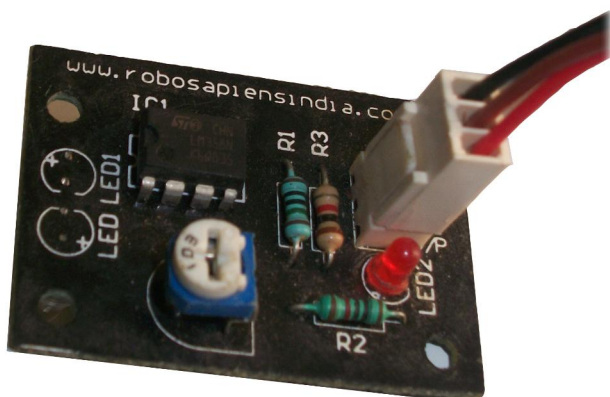
1. Small in size.
2. Standard pin connections.
3. Indicator LED.
4. Adjustable intensity Level.
5. Designed for use to detect the presence of objects.

Steps of Connecting IR Sensor:

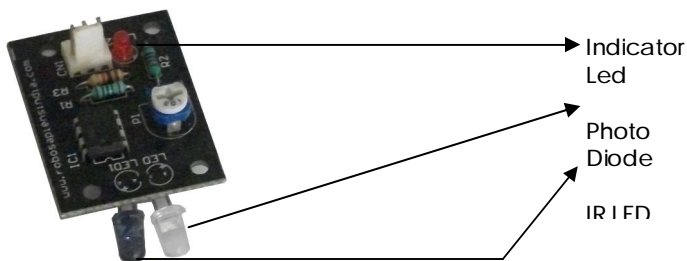
1. There is a three pin connector which contains Ground, VCC and Output pins.



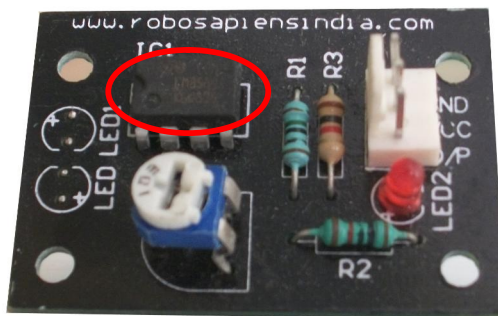
2. Connect 3 pin female cable to the given port.



3. There are three LEDs :
- a. IR LED LED Which transmit the IR
 - b. Photo diode Receive the IR
 - c. Indicator LED this will glow when photo diode detects the IR



4. There is an IC LM358 which acts as a comparator.



5. There is a preset / variable register via which you can set the intensity or contrast of the sensor.

