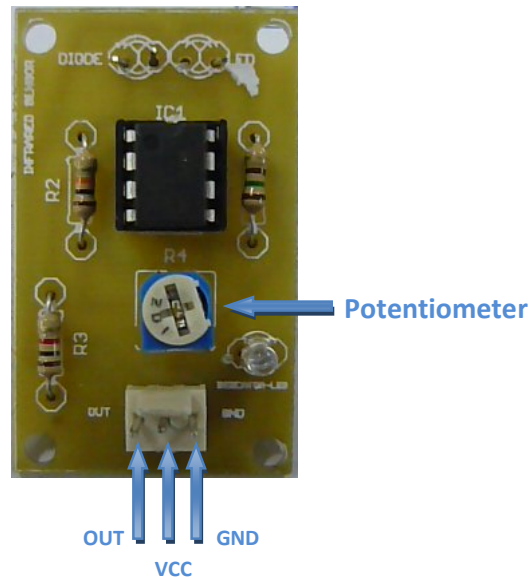


# IR-SENSOR



## Introduction

IR-Sensor is a robust digital reflective beam type sensor which can detect light areas in a dark background and vice versa. The sensor can be used in line followers, edge detectors and wall followers. The circuit uses a simple comparator (LM358) and some passive components.

## Features

- On-board potentiometer to tune the sensor for different shades.
- Compatible with ATmega 8 development board.
- On-board indicator led shows the value of the output facilitating debugging.
- Minimum interference from ambient light by use of IR.

## Functional Description

- Connect the IR-sensor to the ATmega 8 development board.
- Adjust the potentiometer according to need.
- Test the sensor by looking at the indicator led.