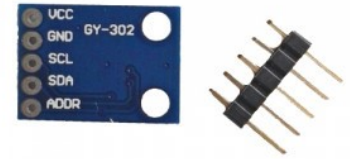




**PRODUCT NAME :** BH1750FVI Digital Light Intensity Sensor Module for Arduino/Raspberry-Pi/Robotics



**PRICE :** Rs 500.00

**SKU :** RM0442

## DESCRIPTION

BH1750FVI is a digital Ambient Light Sensor IC for I2C bus interface. This IC is the most suitable to obtain the ambient light data for adjusting LCD and Keypad backlight power of Mobile phone. It is possible to detect a wide range at High resolution.

## Features of BH1750FVI Digital Light Intensity Sensor Module:

- I2C bus Interface ( f / s Mode Support ).
- Spectral responsibility is approximately human eye response.
- Luminance to Digital Converter.
- Wide range and High resolution. ( 1 - 65535 lx ).
- Low Current by power down function.
- 50Hz / 60Hz Light noise reject-function.
- 1.8V Logic input interface.
- No need any external parts.
- Light source dependency is little.(ex. Incandescent Lamp. Fluorescent Lamp. Halogen Lamp. White LED. Sun Light )
- It is possible to select 2 type of I2C slave-address.
- Adjustable measurement result for influence of optical window ( It is possible to detect min. 0.11 lx, max. 100000 lx by using this function).
- Small measurement variation (+/- 20%).
- The influence of infrared is very small.

## Applications of BH1750FVI Digital Light Intensity Sensor Module:

- Mobile phone, LCD TV, NOTE PC, Portable game machine, Digital camera, Digital video camera, PDA, LCD display.
- DIY projects.
- Robotics projects.
- Arduino projects.
- Raspberry-Pi projects.
- Electrical/Electronic projects.

Also Searched as : **light intensity sensor pdf.**, **light intensity sensor arduino.**, **light intensity sensor using ldr**, **light intensity sensor circuit**, **light intensity sensor wiki.**

## ADDITIONAL IMAGES

