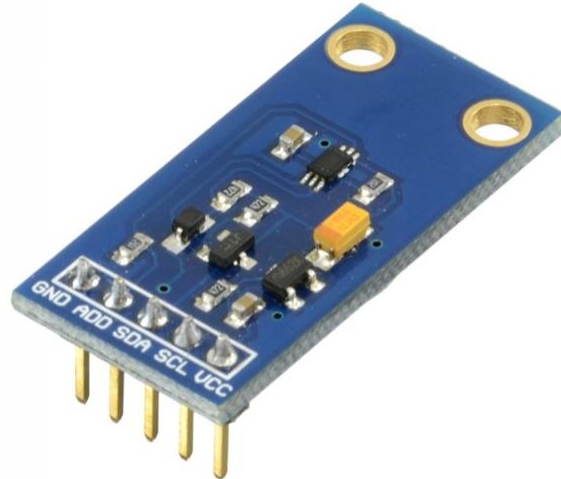


Digital Light Intensity Sensor Module for Arduino

Model: BH1750FVI GY-30

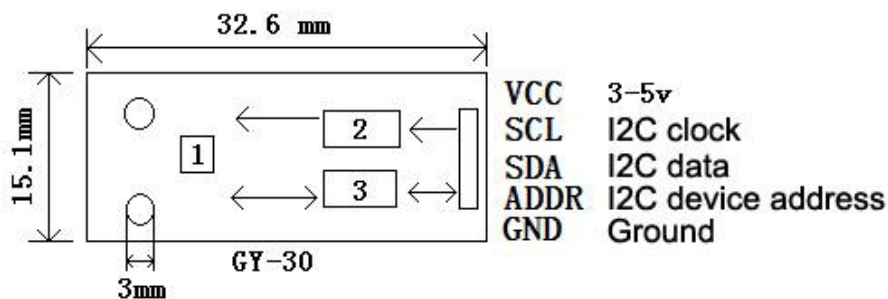


Description:

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

Specifications:

- Chip: BH1750FVI
- Power Supply: 3 - 5V
- Light Range: 0 - 65535 lx
- Sensor Built-in: 16 bit AD converter
- Size (L x W): Approx. 3.2cm x 1.5cm
- Direct digital output, bypassing the complex calculation, bypassing the calibration
- Don't distinguish between ambient light
- Close to the spectral characteristics of visual acuity
- Widely used to 1-lux high precision measurement
- Standard NXP IIC communication agreement



1. BH1750FVI
2. Low-power 3.3V regulator (3-5V compatible)
3. Level conversion