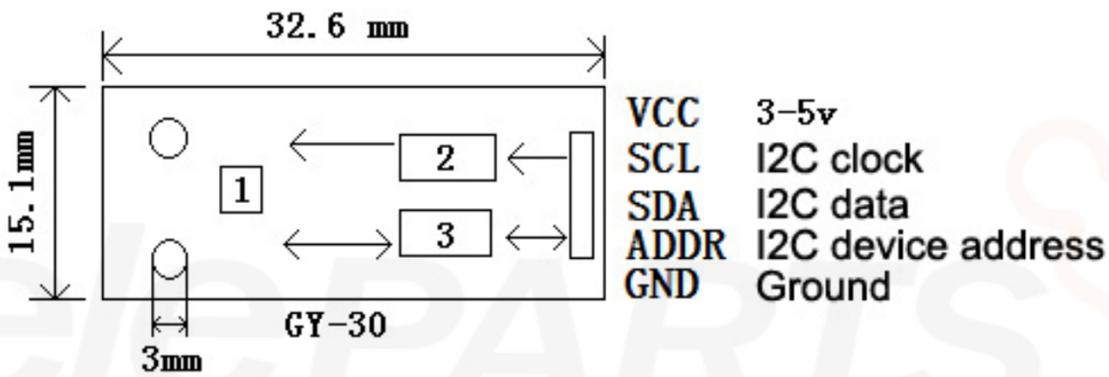
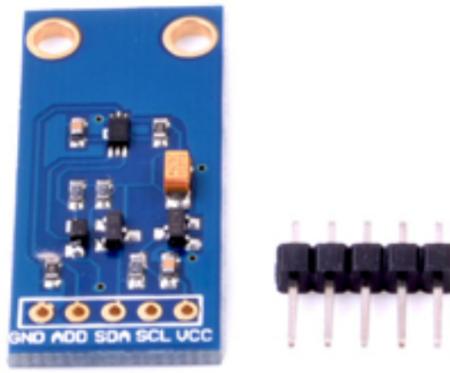


GY-30

BH1750FVI intensity Digital Light Sensor Module

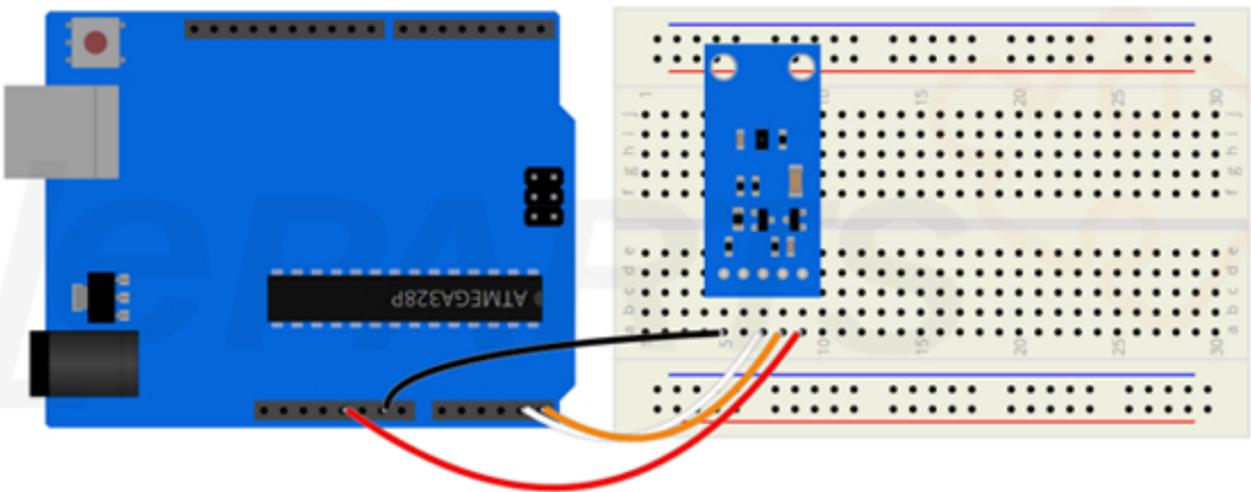
Features

- Digital Light intensity detection module
- Chip : BH1750FVI
- Power supply: 3V-5V power
- Light range : 0-65535 lx
- Sensor built-in : 16 bitAD converter
- 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 use to 1-lux high precision measurement
- Standard NXP I2C communication agreement



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

Arduino UNO R3 GY-30 연결방법



GY-30 보드와 아두이노 보드별 결선 방법

Arduino (Nano , Uno , Pro Mini)	Arduino (Mega, Mega 2560)	GY-30 BH1750FVI breakout board
5V oder 3.3V (VCC)	5V oder 3.3V (VCC)	VCC
GND	GND	GND
A4 (SDA)	D20 (SDA)	SDA
A5 (SCL)	D21 (SCL)	SCL