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HOME / PRODUCT CATEGORIES / LIGHT / IMAGING / MINI PHOTOCELL

Mini Photocell SEN-09088 ROHS / 13

★ ★ ★ ☆ 4

Description: This is a very small light sensor. A photocell changes (also called a photodetector, photo resistor, CdS or photoconductive cell) resistance depending on the amount of light it is exposed to. These little sensors make great ambient light triggers (when light in the room turns on, do something).

DISTRIBUTORS



Features:

- Light resistance: ~1k Ohm
- Dark resistance: ~10k Ohm
- Max voltage: 150V

Max power: 100mW

Dimensions:

- 2 x 4 x 5mm
- 4mm between pins
- 31mm lead length

Documents:

- Datasheet
- Bildr Tutorial

Skills



Recommended Products



SPARKFUN RECOMMENDED SparkFun Inventor's Kit -V3.2 O KIT-12060



SPARKFUN RECOMMENDED SparkFun Inventor's Kit (for Arduino Uno) - V3.2



SPARKFUN RECOMMENDED SparkFun Sensor Kit



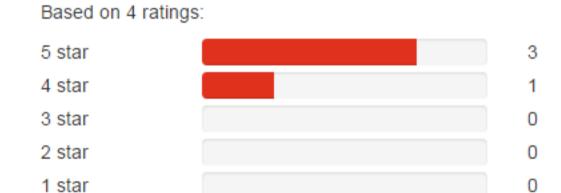
SPARKFUN RECOMMENDED SparkFun Inventor's Kit Parts Refill Pack





Customer Reviews

★ ★ ★ ★ 4.8 out of 5



1 of 1 found this helpful:

★★★★ Works well

about 9 months ago by Member #386229

✓ verified purchaser

Used with a 10K fixed resistor in a voltage divider and it provides a very good dynamic range through a normal room lighting range.

★ ★ ★ ★ Works Great

about 6 months ago by Member #340822 ✓ verified purchaser

Works as expected, no problems.

★ ★ ★ ★ Excellent little photocell!

about 8 months ago by Member #537977 ✓ verified purchaser

Using it with an arduino uno for measuring ambient light level. Works great.



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