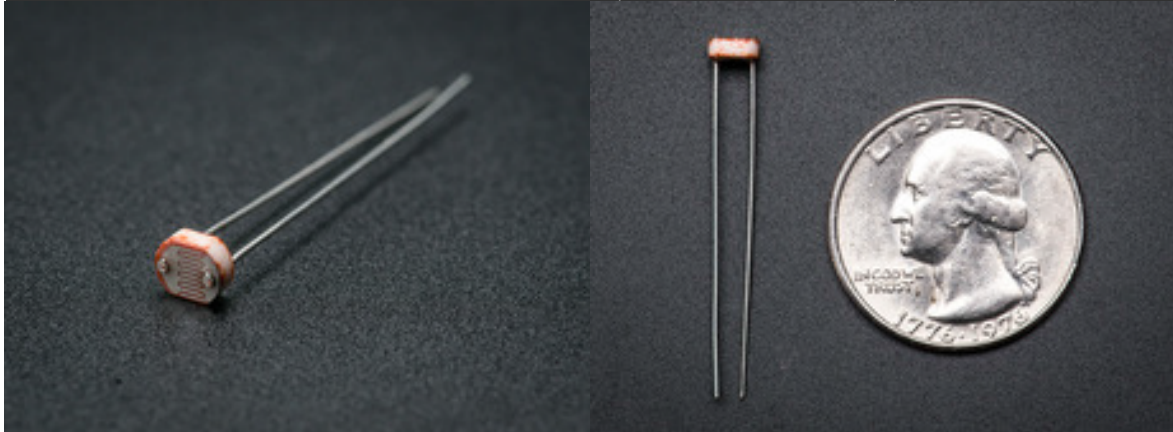




## • Description

CdS cells are little light sensors. As the squiggly face is exposed to more light, the resistance goes down. When its light, the resistance is about 5-10K $\Omega$ , when dark it goes up to 200K $\Omega$ .

To use, connect one side of the photo cell (either one, its symmetric) to power (for example 5V) and the other side to your microcontroller's analog input pin. Then connect a 10K pull-down resistor from that analog pin to ground. The voltage on the pin will be 2.5V or higher when its light out and near ground when its dark.

## • Technical Details

Dimensions:

- Length: 4.46mm/0.18in
- Width: 5mm/0.20in
- Height: 2.09mm/0.08in
- Weight: 0.25g/0.01oz