



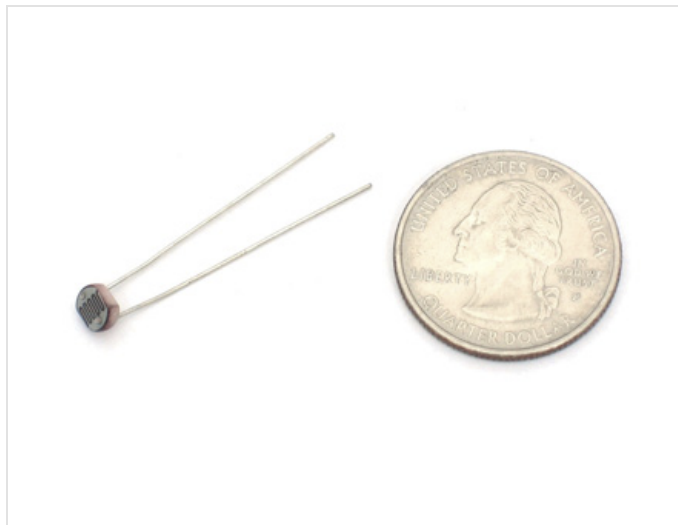
Friday at 8pm ET +  
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## Photo cell (CdS photoresistor) -

ID: 161



**\$0.95**

Qty.	Discount
1-9	\$0.95
10-49	\$0.86
50+	\$0.76

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Description

Technical Details

Tutorials

Distributors

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 5-10KΩ, when dark it goes up to 200KΩ.

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.

For a full tutorial with wiring diagrams, code examples and project ideas, please [read the photocell tutorial page!](#)

### May we Also Suggest...



RGB Color Sensor with IR filter - TCS34725



GA1A12S202 Log-scale Analog Light Sensor

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