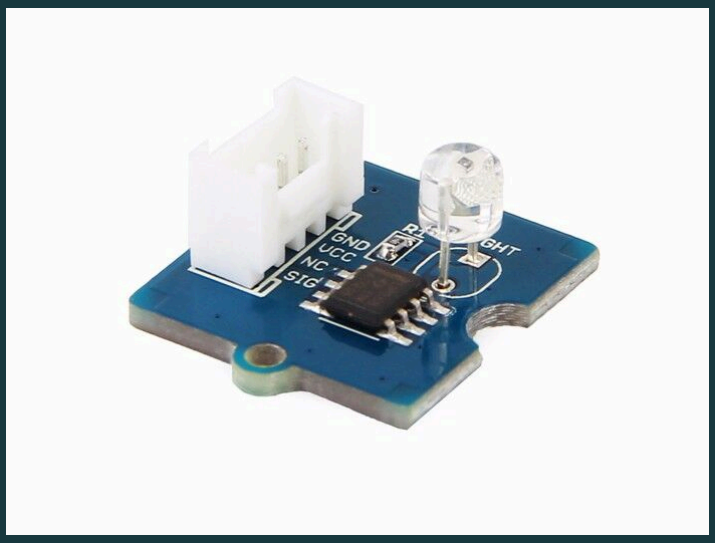
seeed studio

INDUSTRIAL PRODUCT DATASHEET

Grove - Light Sensor v1.2 - LS06-S Phototransistor Compatible with Arduino

Grove - Light Sensor v1.2 - LS06-S Phototransistor: wide-spectrum, quick-response, low-power light sensing with plug-and-play Grove socket for Arduino.

SKU	UPDATED	PRICE
101020132	2026-11-03 03:48:17	$1.99(Excl. VAT)



Overview



The Grove - Light Sensor v1.2 - LS06-S Phototransistor is compatible with Arduino and features a wide spectral detection range up to 540 nm, quick 20–30 ms response time, high sensitivity, and low 3.3/5 V power consumption. Its Grove unified socket enables plug-and-play use for light measurement, light detection, light-controlled switching, and smart home applications.

Key Features

01 **Recognize wider spectrum**

With a light detection range of up to 540 nm, it can detect a much wider spectral range.

02 **Quick Response**

Up to 20 ~ 30 milliseconds response time to detect light intensity.

03 **Higher reliability and sensibility**

Based on the LS06-S photoresistor, a high-sensitive and reliable photodiode that can quickly detect the intensity of light in the environment.

04 **Low power consumption**

3.3/5V Supply, suitable for many microcontrollers and SBCs.

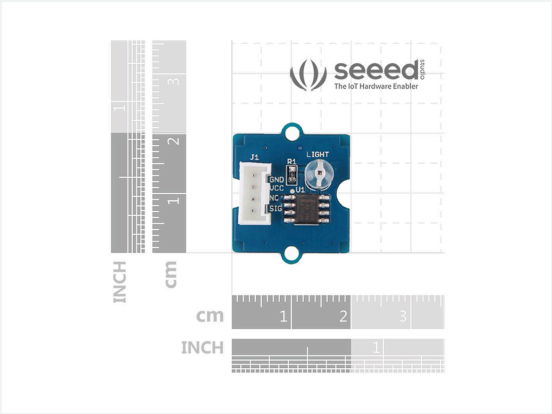
05 **Grove unified socket**

The sensor ensures "Plug and Play" and could be versatile for various applications.

Product Gallery







Applications

- Light measurement
- Light detector
- Light-controlled switch
- Smart home device

Resource Links

- https://www.seeedstudio.com/Grove-Light-Sensor-v1-2-LS06-S-phototransistor.html

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