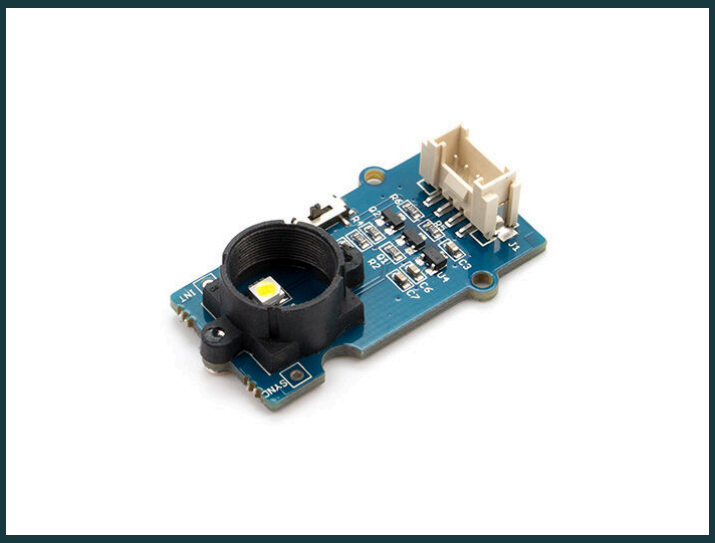
seeed studio

INDUSTRIAL PRODUCT DATASHEET

# Grove - I2C Color Sensor V2:RGB LED Control

The Grove - I2C Color Sensor V2 can recognize different colors and then drive the lamp lighting in blue, green, yellow, orange and red accordingly

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| 101020341 | 2026-11-11 07:57:15 | $8.50(Excl. VAT) |



# Overview




The Grove - I2C Color Sensor V2 can recognize different colors and then drive the lamp lighting in blue, green, yellow, orange and red accordingly

# Key Features

01 **Recognize different colors**

Enables accurate color and light sensing measurements under varying lighting conditions

02 **Maskable interrupt**

Programmable interrupt function with User-Defined Upper and lower threshold settings

03 **Low power - 2.5μA sleep state**

Enabling a low-power wait-state between RGBC measurements to reduce average power consumption

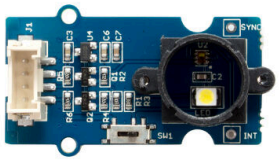
04 **Digital output**

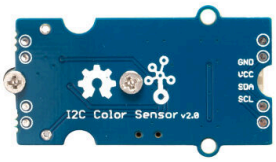
16-Bit digital output with I2C at 400 kHz

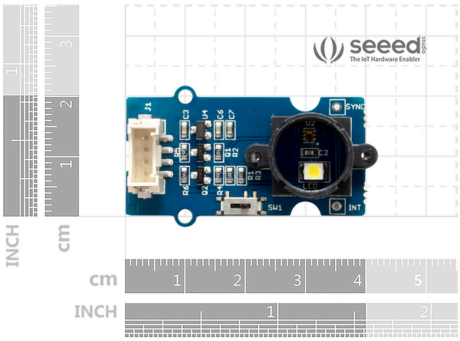
05 **Grove unified socket**

The product ensures "Plug and Play" and could be versatile for various applications of Grove

# Product Gallery






# Resource Links

- https://www.seeedstudio.com/Grove-I2C-Color-Sensor-V2.html
- TCS3472 Datasheet
- Grove-I2C Color Sensor Eagle File V2.0
- Library for Grove - I2C Color Sensor V2.0

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