seeed studio

INDUSTRIAL PRODUCT DATASHEET

Grove - Variable Color LED V1.1

Grove - Variable Color LED V1.1 offers adjustable RGB LED control with Raspberry Pi and Arduino compatibility for toys and decoration applications.

SKU	UPDATED	PRICE
101020472	2026-11-03 03:25:48	$4.30(Excl. VAT)



Overview



The Grove - Variable Color LED V1.1 features three-color adjustable LEDs with RGB colours adjustable via red, green, and blue resistors, supporting logic or pulse width control for sensitive light changes. It is compatible with Raspberry Pi and Arduino through the Grove unified socket, enabling Plug and Play for versatile applications.

Key Features

01 **Three-color adjustable LEDs**

RGB colours can be adjusted by means of three red, green and blue resistors

02 **Logic or pulse width control**

Logic IC and pulse-width modulation will take control of light changes more sensitively

03 **Compatible with Raspberry PI and Arduino**

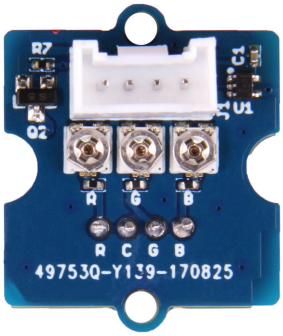
The Grove series is compatible with Raspberry Pi and Arduino, which will make it easier to run on

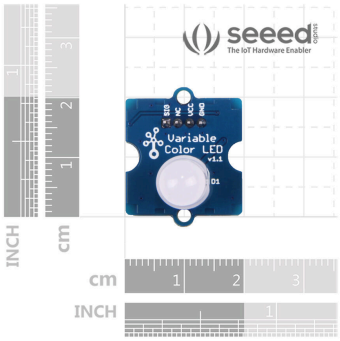
04 **Grove unified socket**

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

Product Gallery







Applications

- **Toys**
- **Decoration**

Resource Links

- https://www.seeedstudio.com/Grove-Variable-Color-LED-V1-1.html
- 【Eagle File】Grove - Variable Color LED v1.1 Eagle File.zip

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