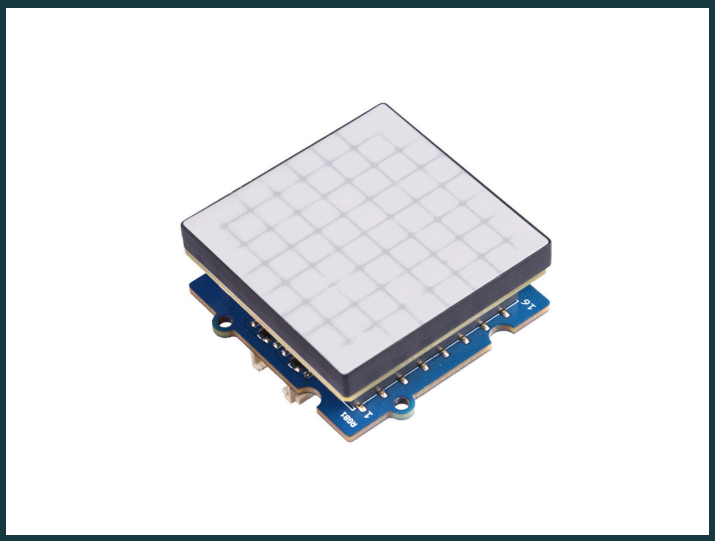
seeed studio

INDUSTRIAL PRODUCT DATASHEET

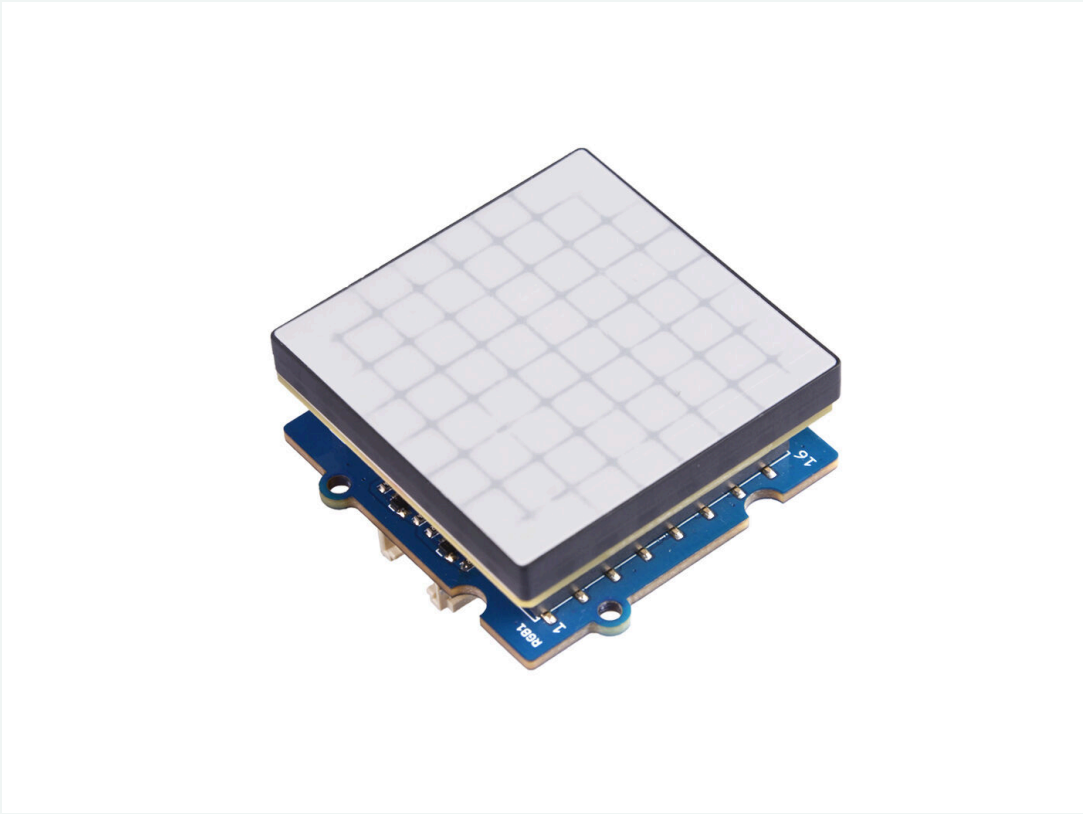
Grove - 8×8 RGB LED Matrix w/Driver

Grove - RGB LED Matrix w/Driver is based on 64 KTR-3528RGB LEDs to form an 8x8 RGB LED Matrix, which is only simple programming you can control all matrix LEDs easily.

SKU	UPDATED	PRICE
105020073	2026-11-11 08:16:22	$16.40(Excl. VAT)



Overview



Grove - RGB LED Matrix w/Driver is based on 64 KTR-3528RGB LEDs to form an 8x8 RGB LED Matrix, which is only simple programming you can control all matrix LEDs easily. You can use this matrix LED to create hundreds and thousands of light effects and design various patterns.

Key Features

01 **Support for displaying custom images**

With simple programming, you can display your design on the matrix!

02 **Build-in MCU**

Based on the STM32F103 design use MP-2155 to provide a stable 3.3V for the MCU and the LED driver chip-MY9221.

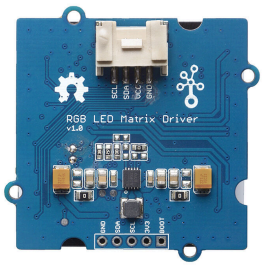
03 **Full color RGB**

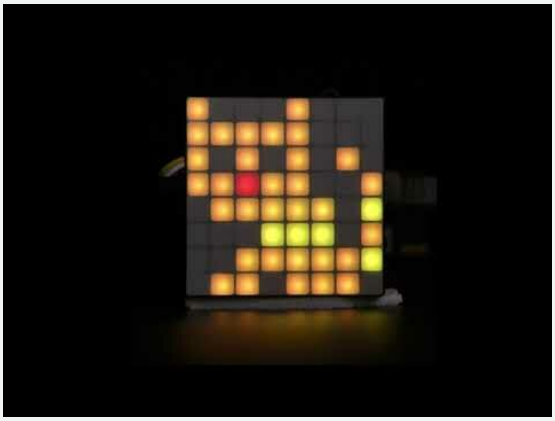
8x8 pixel and RGB 255 colors.

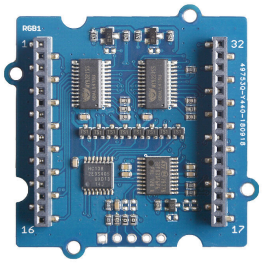
04 **Grove unified socket**

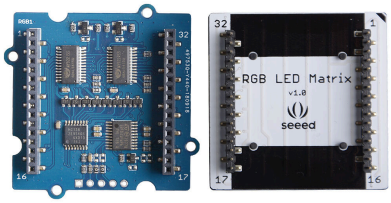
The product ensures "Plug and Play" and could be versatile for various applications.

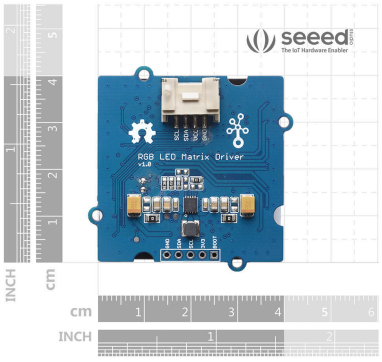
Product Gallery

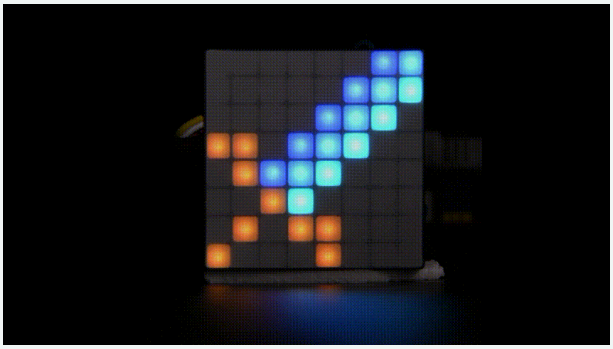












Applications

- **Simple image display**
- **Toys**

Resource Links

- https://www.seeedstudio.com/Grove-RGB-LED-Matrix-w-Driver.html
- Grove - RGB LED Matrix Driver Eagle Files
- RGB LED Matrix 8x8 Eagle Files
- Seeed_RGB_LED_Matrix Library
- Datasheet MY9221
- Datasheet MP2155

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