8x8 RGB LED Matrix

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Details

Introduction

The 8x8 RGB LED Matrix! This module is a square panel with a XH2.54 3-pin interface.

This 8x8 RGB full-color LED matrix module is based on WS2812 intelligent control LEDs. Each LED can be independently addressed with RGB pixels that can achieve 256 levels of brightness. That's 16777216 colors in total with a scanning frequency no less than 400Hz!

The 8x8 RGB LED Matrix is single wire control board. The module also supports cascading control. All you need to do is connect Din to the DOUT port. In combination with the open source Arduino library, you can control an entire

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Note: Each LED requires a maximum current of 60mA. When multiple modules are in use, it is recommended to use external power supply to power multiple LEDs matrix.

Features

- Full Color RGB
- Supports Cascade Control
- Supports External Power Supply

Specification

- Operating Voltage: 5V
- LED Type: WS2812
- Communication Interface: XH2.54 3Pin
- Operating Temperature: -25 ~ +80 ℃
- Dimension: 65 * 65 mm / 2.56 * 2.56 inches
- Weight: 22g

Documents

- Product Wiki
- WS2812 Datasheet

Shipping List

- 8x8 RGB LED Matrix x1
- XH2.54-3Pin Pin header x1

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