Adafruit CharliePlex LED Matrix Display Bonnets

Product Overview
09-24-2021
For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

Adafruit CharliePlex LED Matrix Display Bonnets are 8x16 LED displays that offer bright grid of 128 Charlieplexed LEDs and feature a built-in Charlieplex I²C driver. These display bonnets can be placed atop any Raspberry Pi computer with a 2x20 connector. The I²C LED driver of these CharliePlex LED Matrix Display Bonnets are able to PWM each individual LED in an 8x16 grid for the LED lighting effects. These bonnets allow 8-bit (256 level) dimming for each individual LED.
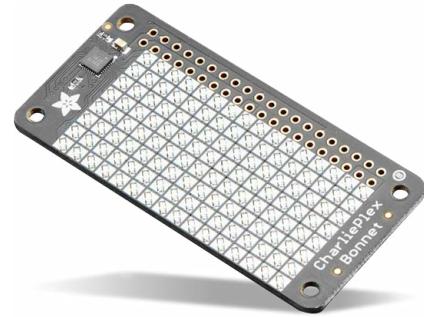
The CharliePlex LED Matrix Display Bonnets come fully assembled and can be programmed using the CircuitPython library. These display bonnets measure 65mm x 30mm x 6.8mm in dimensions, weighs 8.2grams, and are available in blue, green, and warm white LED versions. The CharliePlex LED Matrix Display Bonnets are RoHS2 compliant.

Features

- Built-in Charlieplex I²C driver
- Allow 8-bit (256 level) dimming for each individual LED
- Can be placed atop any Raspberry Pi computer with a 2x20 connector
- Programmed using the CircuitPython library
- RoHS2 compliant

Specifications

- 65mm x 30mm x 6.8mm product dimensions
- 8.2g product weight
- 8x16 LED displays with a bright grid of 128 Charlieplexed LEDs

Overview
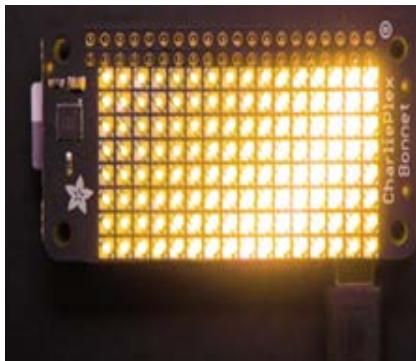
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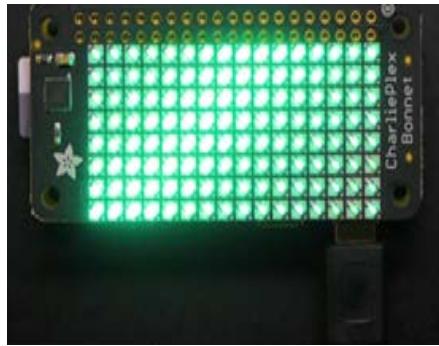
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Mouser Part Number(s)

View All Parts

To learn more, visit https://www.mouser.com/new/adafruit/adafruit-charlieplex-led-display-bonnets/