

# Beam Pluggable LED Boards by Hover Labs

PRODUCT ID: 3668

55 IN STOCK

1

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DESCRIPTION

TECHNICAL DETAILS



# DESCRIPTION

Beam is a beginner-friendly PCB with 120 LEDs arranged in a 5x24 grid, a great size to display text or animations in your project. Plug in one to four to create a long blinky display that can be controlled by any 3-5V microcontroller or microcomputer (e.g. Arduino, Raspberry Pi, Particle, and more). The Beam boards communicate via I2C so you only need 2 pins!

Build a line of glowing notification text or even animation! Beams can be daisy chained — up to four in a row! Go from a single 5x24 grid to a 5x96 grid of 480 LEDs. Don't worry if you're still working on your soldering skills because the dual side connectors make it easy to snap together.

## Features:

- 120 cool white LEDs per board
- I2C communication is compatible with 3.3V and 5V platforms
- Fully assembled with female headers for plugging in wires
- Arduino & Particle Library available
- 3.3V Powered
- On-board logic level shifting
- Connect up to 4 beams together
- Slider switch to change I2C address

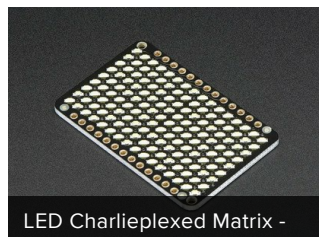
# TECHNICAL DETAILS

Product Dimensions: 78.0mm x 22.0mm x 4.1mm / 3.1" x 0.9" x 0.2"

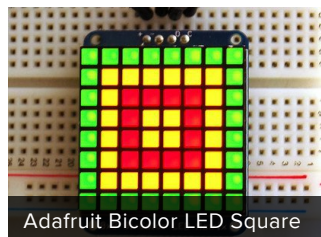
Product Weight: 9.4g / 0.3oz



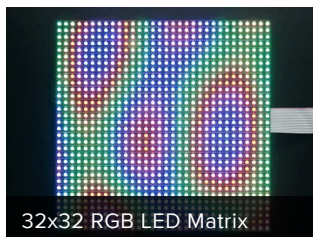
# MAY WE ALSO SUGGEST...



LED Charlieplexed Matrix -



Adafruit Bicolor LED Square



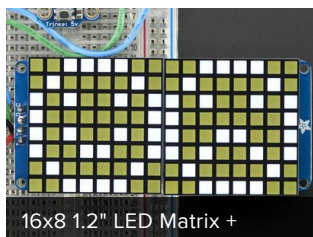
32x32 RGB LED Matrix



Adafruit 15x7 CharliePlex



Adafruit 15x7 CharliePlex



16x8 1.2" LED Matrix +



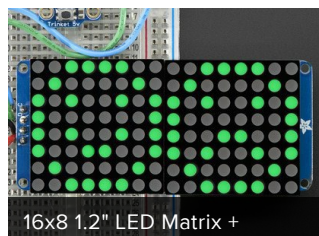
LED Charlieplexed Matrix -



Adafruit 16x9 Charlieplexed



Adafruit 15x7 CharliePlex



16x8 1.2" LED Matrix +

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*"It's only "work" if you'd rather be doing something else" - [Dean Kamen](#)*

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