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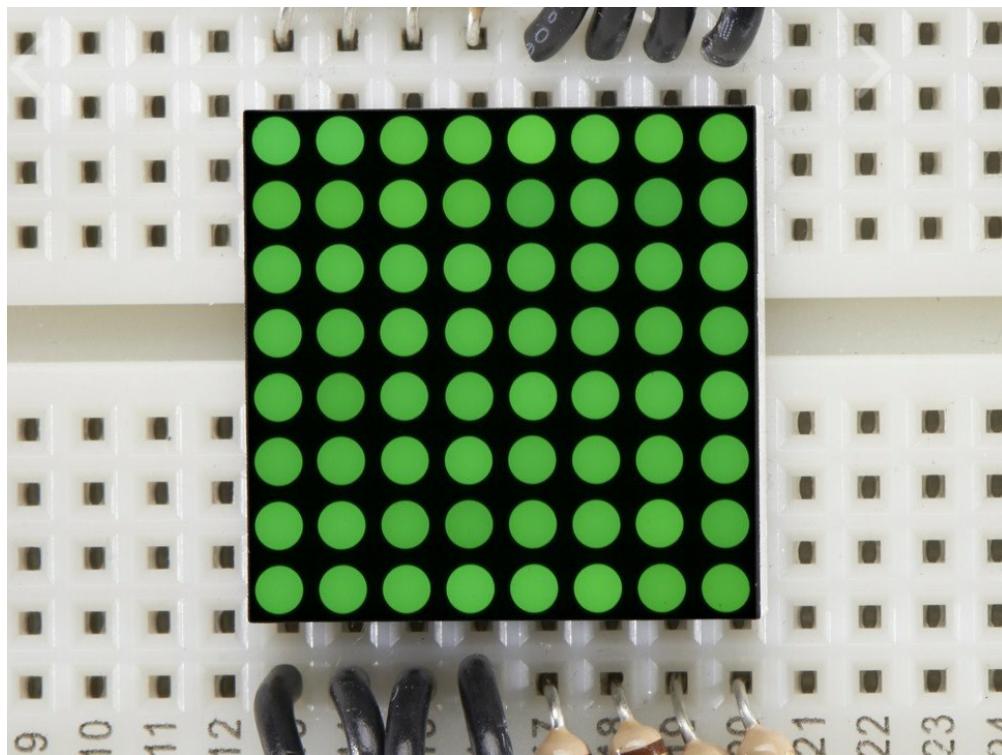
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LEDS / 0.8" LED MATRICES / MINIATURE 0.8" 8X8 PURE GREEN LED MATRIX



Miniature 0.8" 8x8 Pure Green LED Matrix - KWM-20882CPGB

PRODUCT ID: 1624

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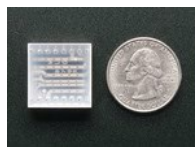
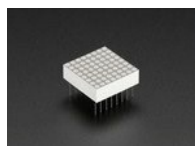
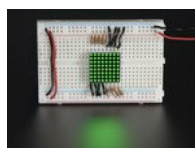
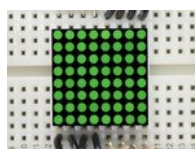
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[DESCRIPTION](#)

[TECHNICAL DETAILS](#)



DESCRIPTION

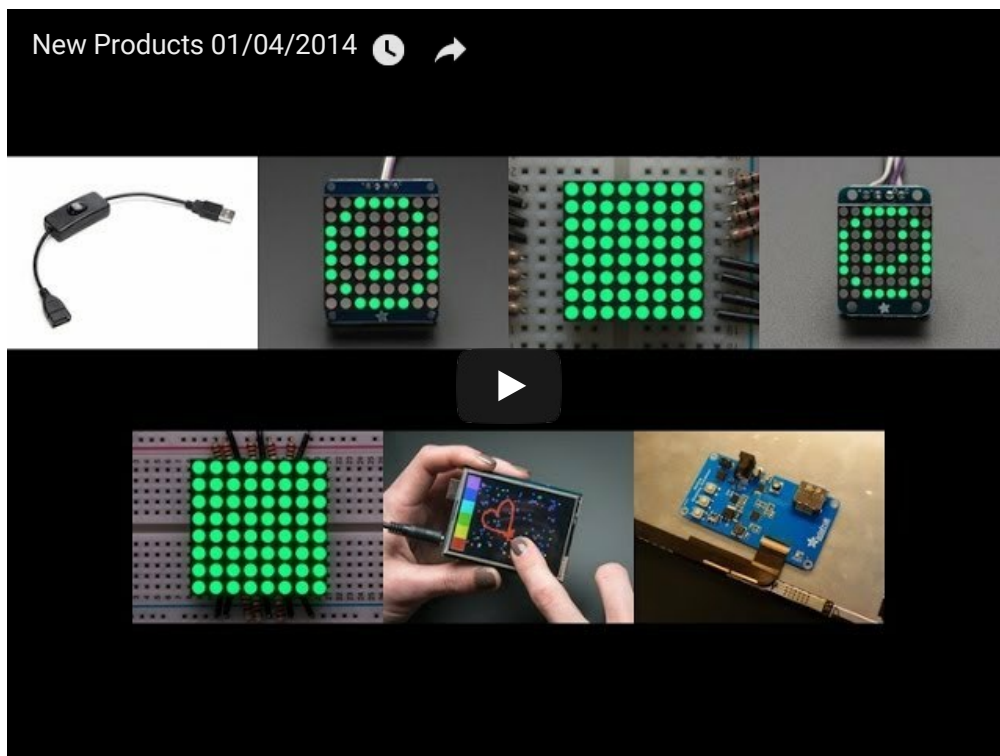
You will squeak with delight when you hold this adorable miniature LED matrix. 0.8" square, its got everything a big LED matrix has, but bite sized! 64 pure green LEDs are contained inside

the plastic body, in an 8x8 matrix. There are 16 pins on the side, 8 on each, with 0.1" spacing so you can easily plug it into a breadboard with plenty of space to wire it up

These LEDs have a deeper green coloring, its a beautiful shade but the process is different than [our other mini green LED matrices](#) which makes them more expensive

Since the display is in a grid, you'll need to 1:8 multiplex control it. We suggest either using a [74HC595](#) and [TPIC6B595](#) (using the 74HC' to control the 8 anodes at once and then using the TPIC' to drive one cathode at a time) or just using a single [MAX7219](#) which will do the multiplexing work for you.

[The Arduino playground has a nice set of tutorials introducing the MAX7219 and 8x8 LED matrices](#)



Miniature 0.8" 8x8 Pure Green LED Matrix ([0:57](#))

TECHNICAL DETAILS

- Dimensions: 20mm / 0.8" x 20mm / 0.8" x 6mm / 0.23"
- Pin Length: 13.35mm / 0.5"
- Weight: 3g

This is a Common Cathode LED Matrix

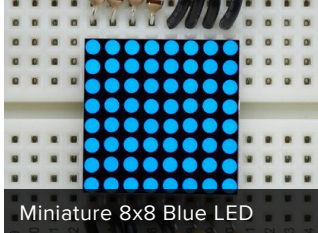
[Datasheet](#) - We currently have LuckyLight as the supplier for this matrix. Previously we carried BetLux.

[The Arduino playground has a nice set of tutorials introducing the MAX7219 and 8x8 LED matrices](#)

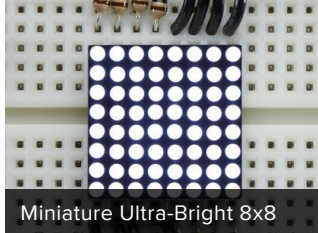
[Using a high power shift register to drive 8x8 matrices with a NETduino](#)



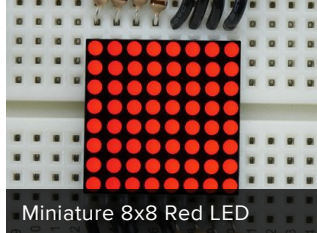
MAY WE ALSO SUGGEST...



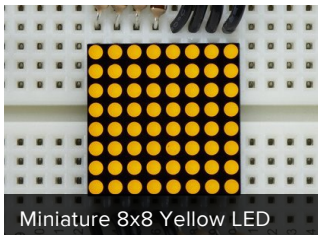
Miniature 8x8 Blue LED



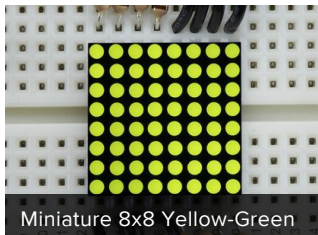
Miniature Ultra-Bright 8x8



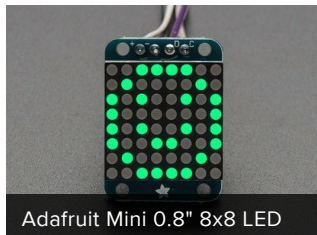
Miniature 8x8 Red LED



Miniature 8x8 Yellow LED



Miniature 8x8 Yellow-Green



Adafruit Mini 0.8" 8x8 LED



Adafruit 0.8" 8x16 LED



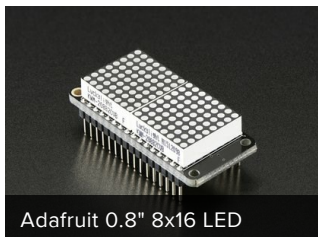
Adafruit 0.8" 8x16 LED



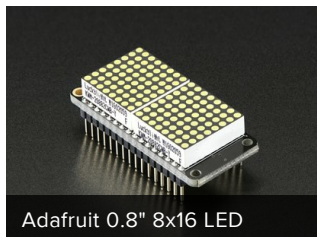
Adafruit 8x16 LED Matrix



Adafruit 0.8" 8x16 Matrix



Adafruit 0.8" 8x16 LED



Adafruit 0.8" 8x16 LED

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"You're only given one little spark of madness. You mustn't lose it" -
Robin Williams

ENGINEERED IN NYC Adafruit®



4.6 ★★★★★
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