

## Miniature 8x8 Red LED Matrix

PRODUCT ID: 454

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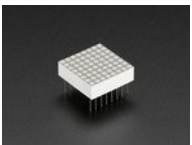
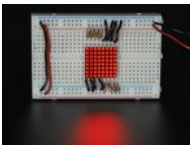
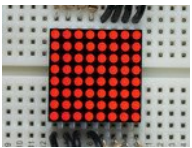
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DESCRIPTION

TECHNICAL DETAILS



## DESCRIPTION

You will squeak with delight when you hold this adorable miniature LED 8x8 matrix. 0.8" square, it's got everything a big LED matrix has, but bite-sized! 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

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

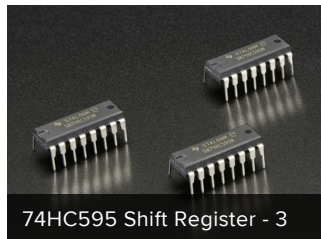
The Arduino playground has a nice set of tutorials introducing the MAX7219 and 8x8 LED matrices

## TECHNICAL DETAILS

- [Datasheet](#) - We currently have LuckyLight as the supplier for this matrix. Previously we carried BetLux.
- This is a Common Cathode LED Matrix
- Weight: 2.75g
- [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](#)



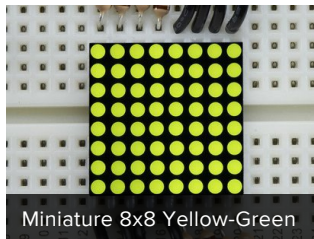
## MAY WE ALSO SUGGEST...



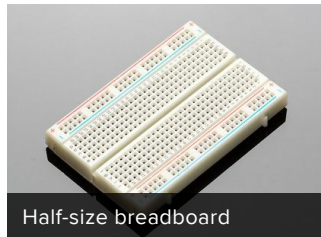
74HC595 Shift Register - 3



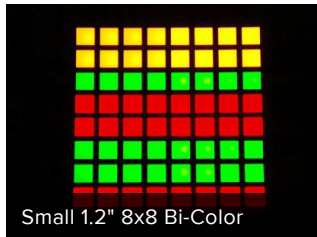
TPIC6B595 High Power



Miniature 8x8 Yellow-Green



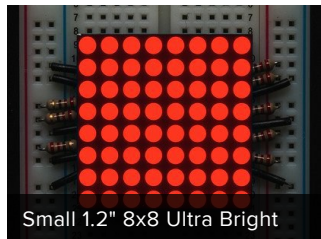
Half-size breadboard



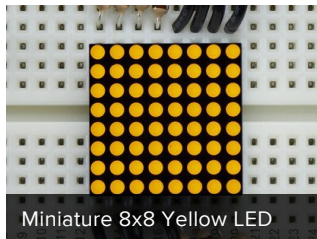
Small 1.2" 8x8 Bi-Color



MAX7219CNG LED



Small 1.2" 8x8 Ultra Bright



Miniature 8x8 Yellow LED



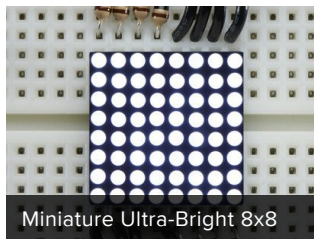
Adafruit 0.8" 8x16 Matrix



Adafruit 0.8" 8x16 LED



Adafruit 0.8" 8x16 LED



Miniature Ultra-Bright 8x8

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