

Small 1.2" 8x8 Bi-Color (Red/Green) Square LED Matrix

PRODUCT ID: 458

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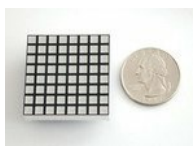
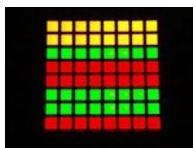
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[DESCRIPTION](#)[TECHNICAL DETAILS](#)

DESCRIPTION

Make a scrolling sign, or a small video display with this 8x8 gridded bi-color LED matrix. Only 1.2" on a side, it is quite visible but not so large it won't plug into a breadboard! Every grid has two LEDs inside so you can have it display red, green, yellow or with fast multiplexing any color in between. This display is bright, beautiful and funky with nice diffused square lenses for a striking look. There are 24 pins on the side, 12 on each, with 0.1" spacing so you can easily plug it into a breadboard with one row on each side for wiring it up.

Since the display is in a grid, you'll need to 1:8 multiplex control it. We suggest either using two [74HC595s](#) and [TPIC6B595](#) (using the 74HC' to control the 16 anodes at once and then using the TPIC' to drive one cathode at a time) or using two [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

TECHNICAL DETAILS

[Datasheet](#)

This is a Common Cathode LED Matrix

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

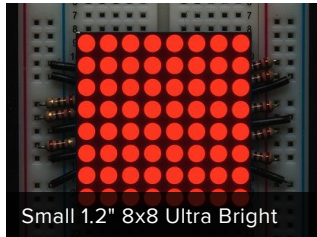
Using a high power shift register to drive 8x8 matrices with a NETduino



MAY WE ALSO SUGGEST...



74HC595 Shift Register - 3



Small 1.2" 8x8 Ultra Bright



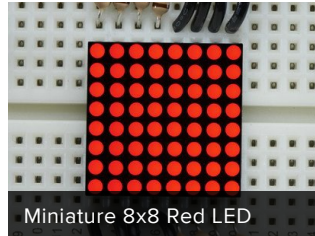
Large Solderless



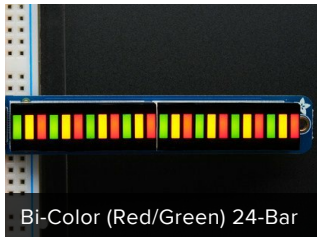
TPIC6B595 High Power



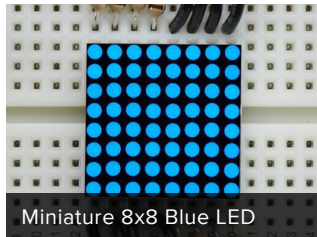
MAX7219CNG LED



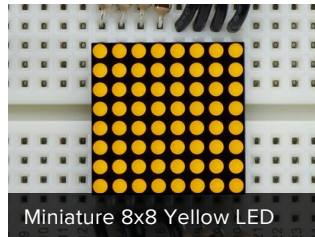
Miniature 8x8 Red LED



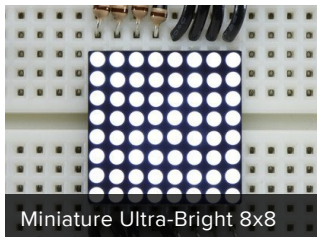
Bi-Color (Red/Green) 24-Bar



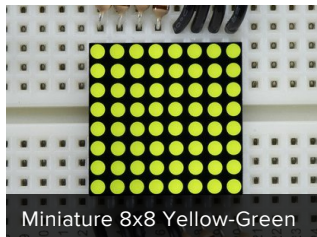
Miniature 8x8 Blue LED



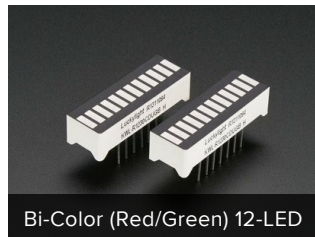
Miniature 8x8 Yellow LED



Miniature Ultra-Bright 8x8



Miniature 8x8 Yellow-Green



Bi-Color (Red/Green) 12-LED

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