

1.2" 8x8 Matrix Square Pixel - Pure Green - KWM-R30881CPGB

PRODUCT ID: 1820

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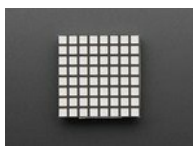
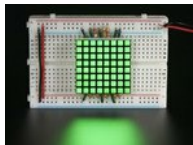
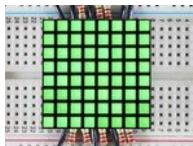
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[DESCRIPTION](#)[TECHNICAL DETAILS](#)

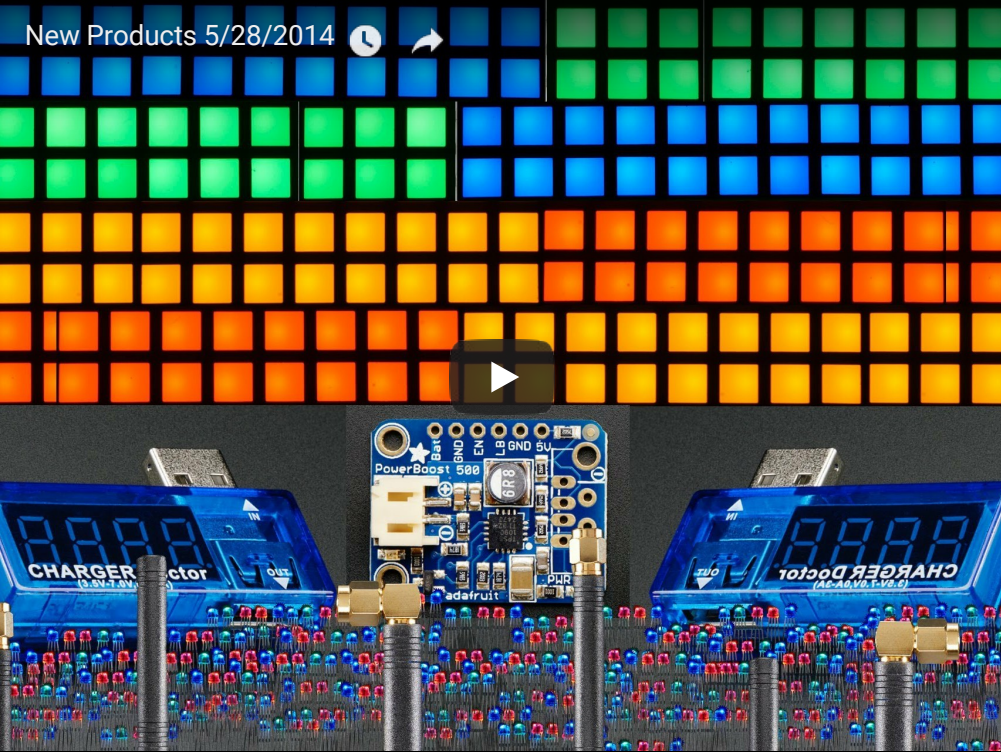
DESCRIPTION

Make a scrolling sign, or a small video display with this 8x8 square gridded pure green LED matrix. Only 1.2" on a side, it is quite visible but not so large it won't plug into a breadboard! There are 16 pins on the side, 8 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.

These LEDs have a deeper green coloring, it's a beautiful shade but the process is different than [our other 1.2" green LED matrices](#) so be aware the colors won't match 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 multiplexing work for you.

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



TECHNICAL DETAILS

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

[Datasheet](#)

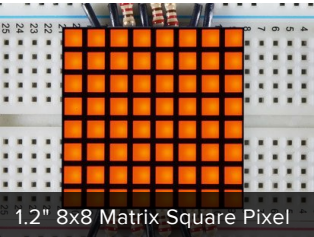
This is a Common Cathode LED Matrix

Dimensions:

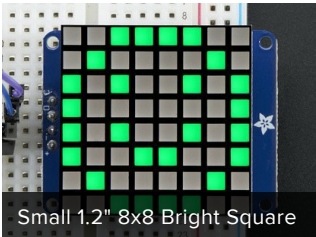
- 31mm x 31mm x 7mm / 1.2" x 1.2" x 0.3"
- Height without Pins: 7mm / 0.3"
- Weight: 7.65g



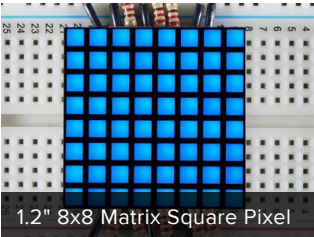
MAY WE ALSO SUGGEST...



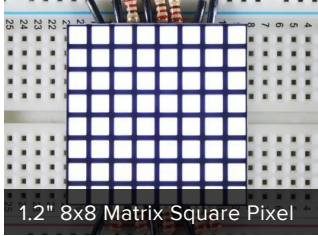
1.2" 8x8 Matrix Square Pixel



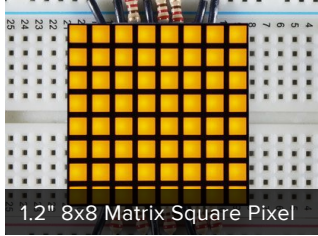
Small 1.2" 8x8 Bright Square



1.2" 8x8 Matrix Square Pixel



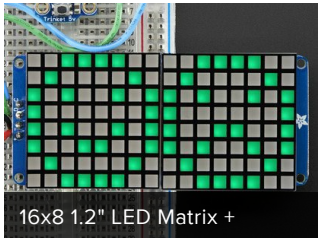
1.2" 8x8 Matrix Square Pixel



1.2" 8x8 Matrix Square Pixel



10 Segment Light Bar Graph



16x8 1.2" LED Matrix +

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- [Robert Graves](#)



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