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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
IN STOCK
1-9
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DESCRIPTION
TECHNICAL DETAILS

You will squeak with delight when you hold this adorable miniature LED matrix. 0.8" square, it's 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, it's 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.

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**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

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