Description
8*32 Digital RGB LED Matrix is consist of WS2812B RGB LED. WS2812B is a 5050 components that integrate control circuit and RGB chip in a package. The LED Matrix are placed 32 Pixels each line, and there are 8 lines on each panel. The space between each pixel is 1cm.

Features
PIN Function:

<table>
<thead>
<tr>
<th>No.</th>
<th>Symbol</th>
<th>PIN</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>+5V</td>
<td>Power</td>
<td>5V power supply</td>
</tr>
<tr>
<td>2</td>
<td>DIN</td>
<td>Data Input</td>
<td>Input the control signal</td>
</tr>
<tr>
<td>3</td>
<td>GND</td>
<td>Ground</td>
<td>Earthing</td>
</tr>
<tr>
<td>4</td>
<td>DOOUT</td>
<td>Data Output</td>
<td>Output the control signal, and connect to next panel's DIN</td>
</tr>
</tbody>
</table>

Specification
- Item Model: WS2812 320*80mm
- LED Quantity: 256
- IC Type: WS2812 (IC Built in LED)
- Wattage: 76.8W/M
- Pixel/m: 32*8
- PCB Width: 32*8cm
- Length of cable: 100mm
- Working Voltage: DC 5V
- PCB Color: black
- Light Color: Multi-Color, digital RGB, Every LED individual Control

WS2812 Datasheet
For any technical support or suggestion, please kindly go to our forum.
**Technical Details**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>360mm x 90mm x 8mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>G.W 67g</td>
</tr>
<tr>
<td>Battery</td>
<td>Exclude</td>
</tr>
</tbody>
</table>

**Questions and Answers**

Have a question about this? Ask people who own it.

Hi. It is a nice product. It is possible to make a flexible 8x32 LED matrix using smaller chip RGB LEDs? I would like to have very small matrix for a personal project. Thanks.

David Senior on Oct 19, 2016

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