Description

16*16 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 16 Pixels each line, and there are 16 lines on each panel. The space between each pixel is 1cm.

Feature

<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>DOUT</td>
<td>Data Output</td>
<td>Output the control signal, and connect to next panel's DIN</td>
</tr>
</tbody>
</table>

RGB Parameters

<table>
<thead>
<tr>
<th>Color</th>
<th>Model</th>
<th>Wavelength (nm)</th>
<th>luminous intensity (mcd)</th>
<th>operating voltage (V)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td>13CBAUP</td>
<td>465-467</td>
<td>180-200</td>
<td>3.0-3.4</td>
</tr>
<tr>
<td>Green</td>
<td>13CGAUP</td>
<td>522-525</td>
<td>660-720</td>
<td>3.0-3.4</td>
</tr>
</tbody>
</table>

Questions and Answers

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

SmW Laser Module emitter - Red Point
8x8 RGB LED Dot Matrix - Compatible with Rainbowduino...
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