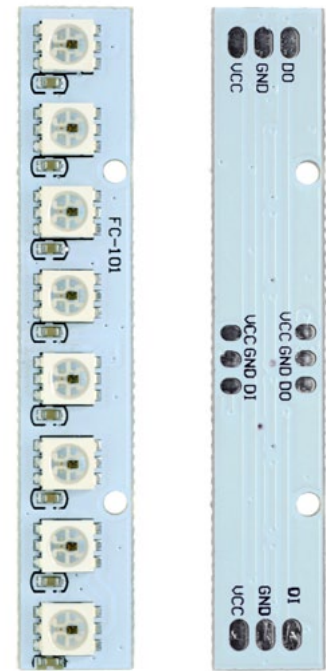
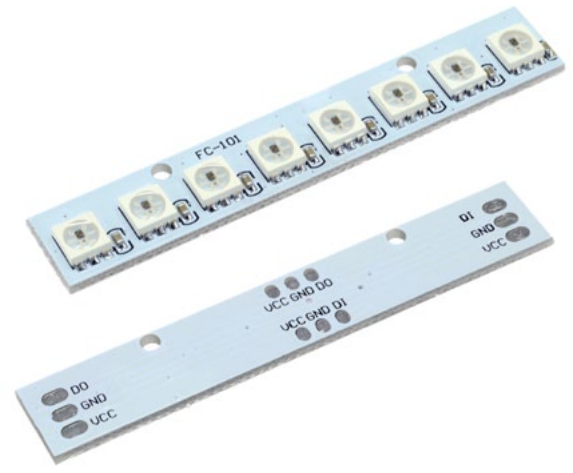


ARD 2 **Arduino Compatibles**
Controllers, Shields, Modules & Sensors

Digital RGB LED x8 Module WS2812 *ARD2-2078*

- **Intelligent reverse connect protection**
- **Built-in electronic reset circuit & power lost reset circuit**
- **Each pixel of the three primary colour can achieve 256 brightness display**
- **Perfect for DIY projects**



Description

This LED module features intelligent reverse connect protection to ensure power supply reverse connection does not damage the IC. The control circuit and the LED share the only power source. Control circuit and RGB chip are integrated in 5050 LED package components, allowing complete control of the pixel point. The module also has a built-in signal reshaping circuit, after wave reshaping to the next driver, ensuring wave-form distortion does not accumulate.

Each pixel of the three primary colours can display 256 brightness levels, resulting in a 16777216 colour full colour LED, and a scan frequency of at least 400Hz. Cascading port transmission signal by single line. When the refresh rate is 30fps, cascade numbers are not less than 1024 points. Data transfer at speeds of 800Kbps. The colour of the LEDs is highly consistent and cost-effective.

Specifications

Colour	Full Colour
Wavelengths	Red: 660nm; Green: 532nm; Blue: 490nm
Voltage	5V
LED Type	SMD 5050
Chip	WS2811
Weight	40g
Dimensions	11mm x 120mm