**5050 RGB LED Lamp Panel 1/4/7/8/16/24 Bit LED Board WS2812/WS2812B**

**Main features**

? Intelligent reverse polarity protection, power supply reverse polarity will not damage the IC.

? IC control circuit and a power LED spot light utility.

? Control circuit chip with RGB components in a package in 5050, to form a complete external control pixels.

? built-in signal shaping circuit, any one pixel after receiving the signal through the waveform shaping and then output to ensure line waveform distortion will not accumulate.

? Built-in power-on reset and brown-out reset circuit.

? trichromatic color of each pixel can realize 256 highlighted, complete 16777216 colors of all true color display, the scanning frequency is not less than 400Hz / s.

? serial cascade interface, through a signal line to complete the receiving and decoding of data.

? transfer transmission distance between any two points in less than 5 meters without any additional circuitry.

? When the refresh rate of 30 frames / sec, cascading number of not less than 1024 points.

? data transmission speeds of up to 800Kbps.

? The color of the light highly consistent, cost-effective.