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The relation between WS2812B and WS2811 WS2812 was illustrated with color photographs.

The relation between WS2812 and WS2811:

WS2812 is the WS2811 IC chip and RGB chip is packaged in a 5050 beads, each WS2812 is a pixel,



Mainly description of WS2812:

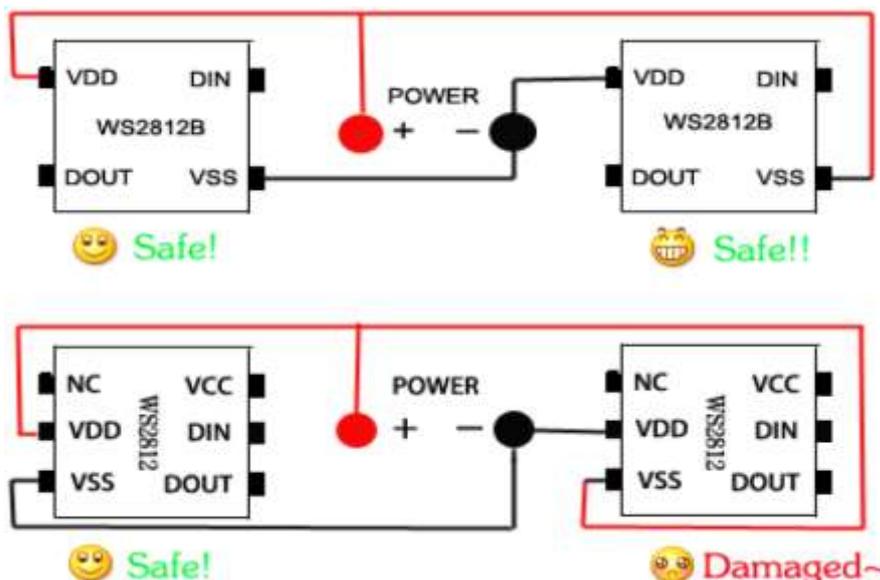
WS2812 is the WS2811 IC chip and RGB chip is packaged in a 5050 beads, each WS2812 is a pixel, with low driving voltage, The data transfer protocol use single NZR communication mode(Control method of single return to zero code controlled single return to zero code controlled single return to zero code control). The lamp strip using the world's first built-in IC lamp drive light emitting as one of the WS2812 and a 104 capacitor.

Mainly description of WS2812B:

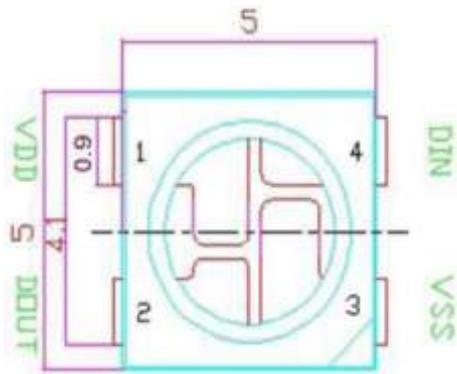
WS2812B is the development and new generation of product based on WS2812. It not only inherited all the good qualities of WS2812 but also improved the IC from mechanical arrangement outside to the structure inside, further enhance the stability and efficiency.

Security Upgrading of product:

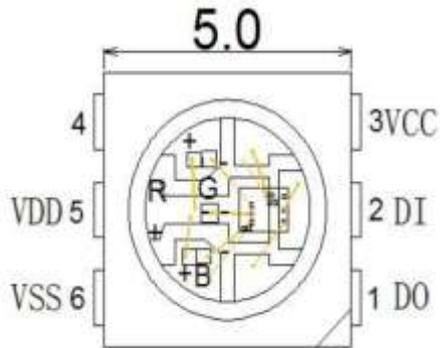
WS2812B add a reverse protection circuit.



Configuration of comparison.



Configuration size of WS2812B



Configuration size of WS2812

An extrude advantage of is that the RGB chip on WS2812B has a higher brightness and color uniformity than WS2812.