

# SBA

## How to reduce the circuit of RGB LED

### Choose SHANPU' s RGB+IC LED Switches

/ SBA Series



UV Print

Ring type indicator

RGB LED

Suitable for use with VR

Suitable for use with encoders

### RGB+IC LED

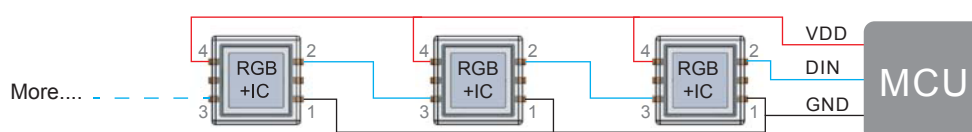
RGB LED with chip WS2812 is a smart tandem control LED light source that integrates "control" and "lighting circuit". The control circuit is integrated on the LED to make the circuit simpler.

Many lamps can be connected in series. Each light can be individually controlled in color.

The IC control circuit and the LED light source share the same power supply. No matter how many lights, only one control line and two power lines = VCC, DI, GND 3 lines can be used to control the lights connected in series.

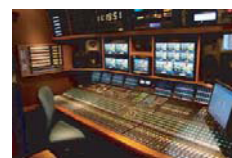
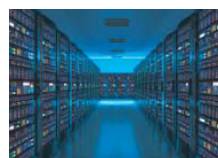
lines can be used to control the lights connected in series.

Example: SPD series switch circuit diagram



### Application

Industrial equipment  
 Pro-Audio & Pro-Video  
 Medical equipment  
 High-end Technology



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