RGB LED Ring WS2812B
12-Bit 37mm
Datenblatt

Content:

1. Specifications
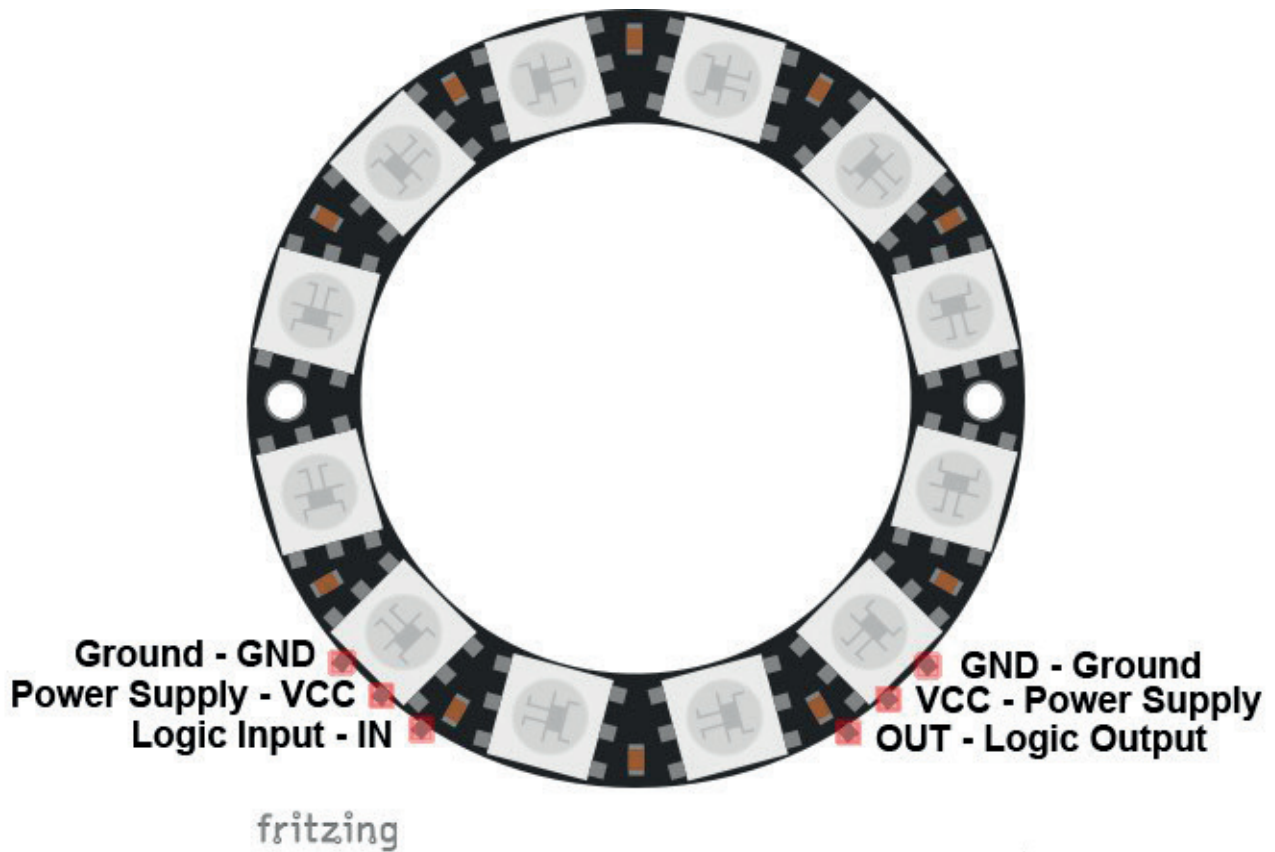
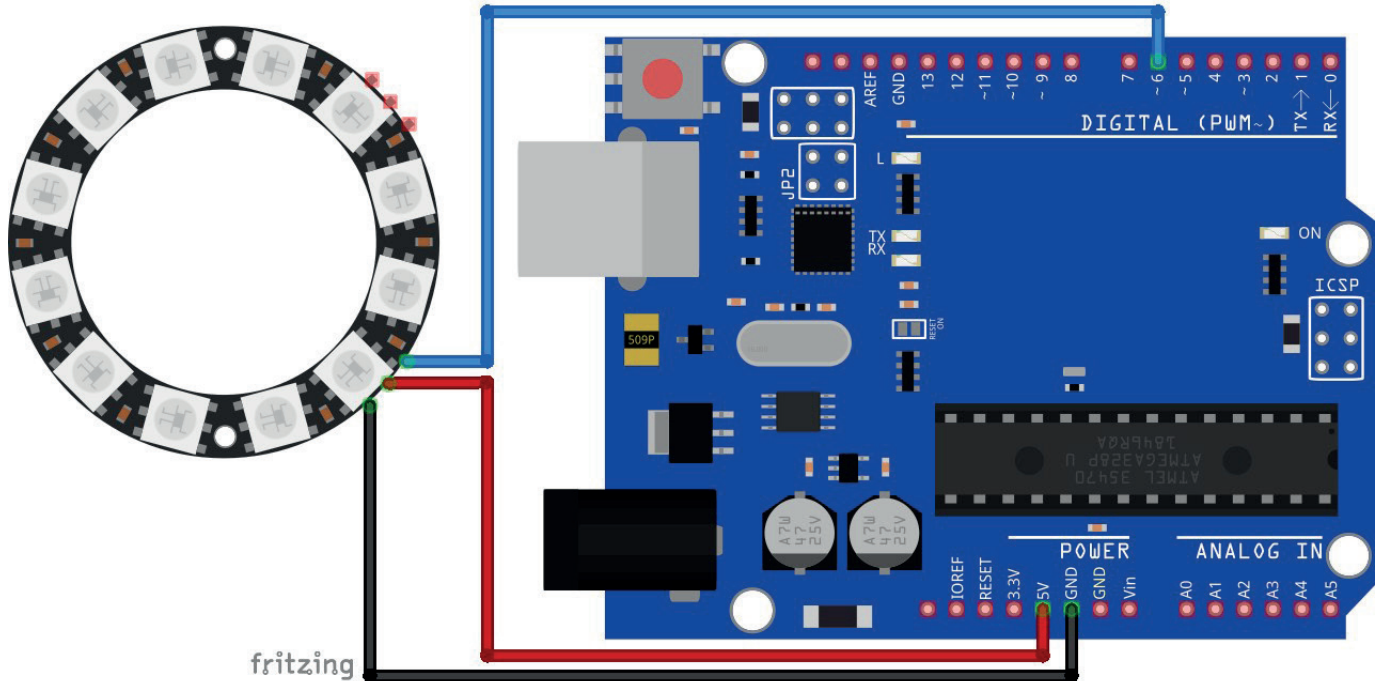|	
Operating Voltage Range	3.3 - 5V
LEDs	12 LEDs with 4mm Diameter
LEDs Mounting holes	2 with 2mm diameter
Dimensions	Inside diameter: 27mm [1.06in] Outside diameter: 37mm [1.50in]

Ground - GND
Power Supply - VCC
Logic Input - IN

GND - Ground
VCC - Power Supply
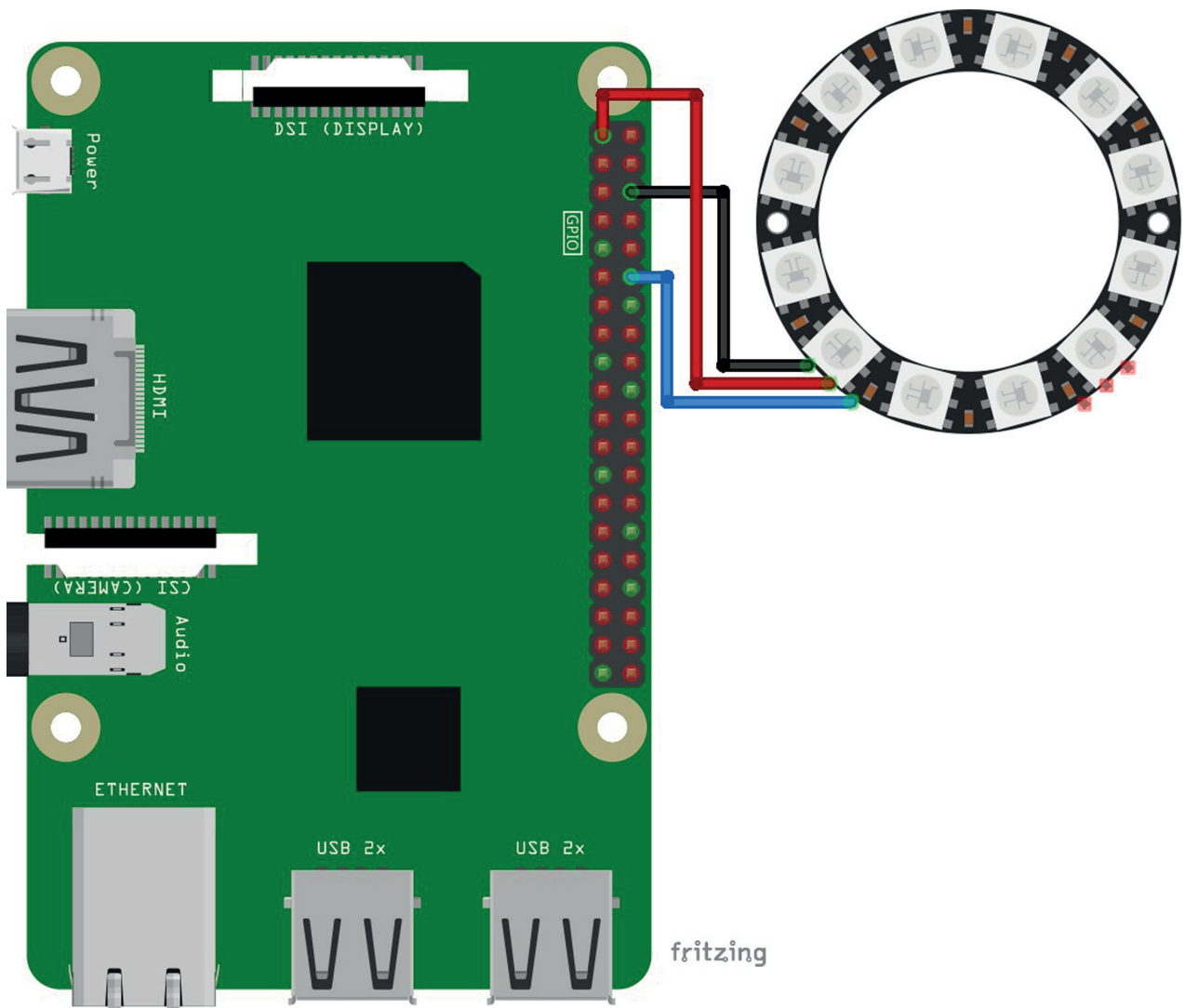OUT - Logic Output

fritzing

Note: Before connecting the ring to any live (working) power supply, make sure that ground is always connected first, before any other wire.

3. Connection Diagram

Module Pin	Microcontroller Pin	Wire Color
GND	GND	Black Wire
VCC	5V	Red Wire
IN	~6	Blue Wire

Module Pin	Microcontroller Pin	Physical Pin	Wire Color
VCC	3V3	1	Red Wire
GND	GND	6	Black Wire
IN	GPIO18	12	Blue Wire

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