

RGB LED Ring WS2812B 12-Bit 50mm Datenblatt



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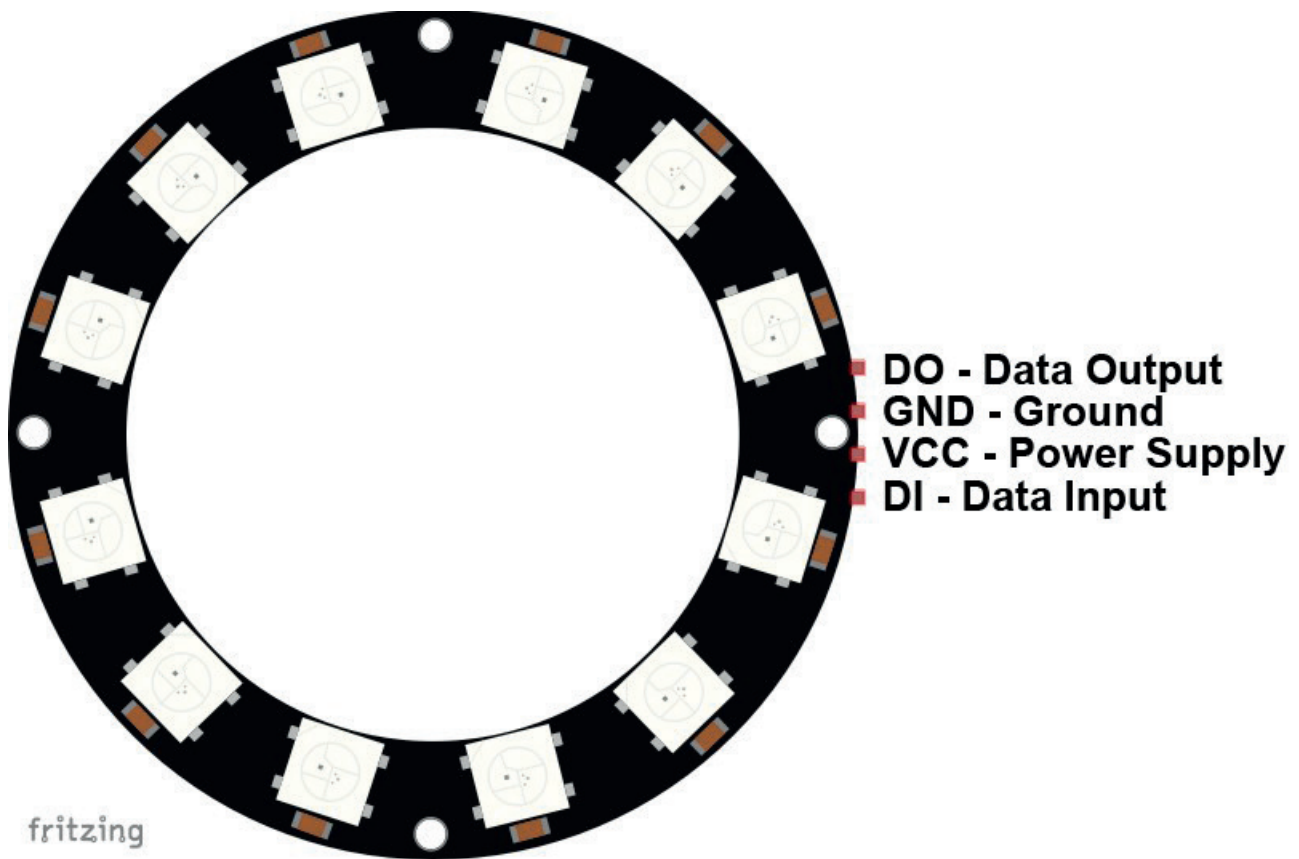
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1. Specifications

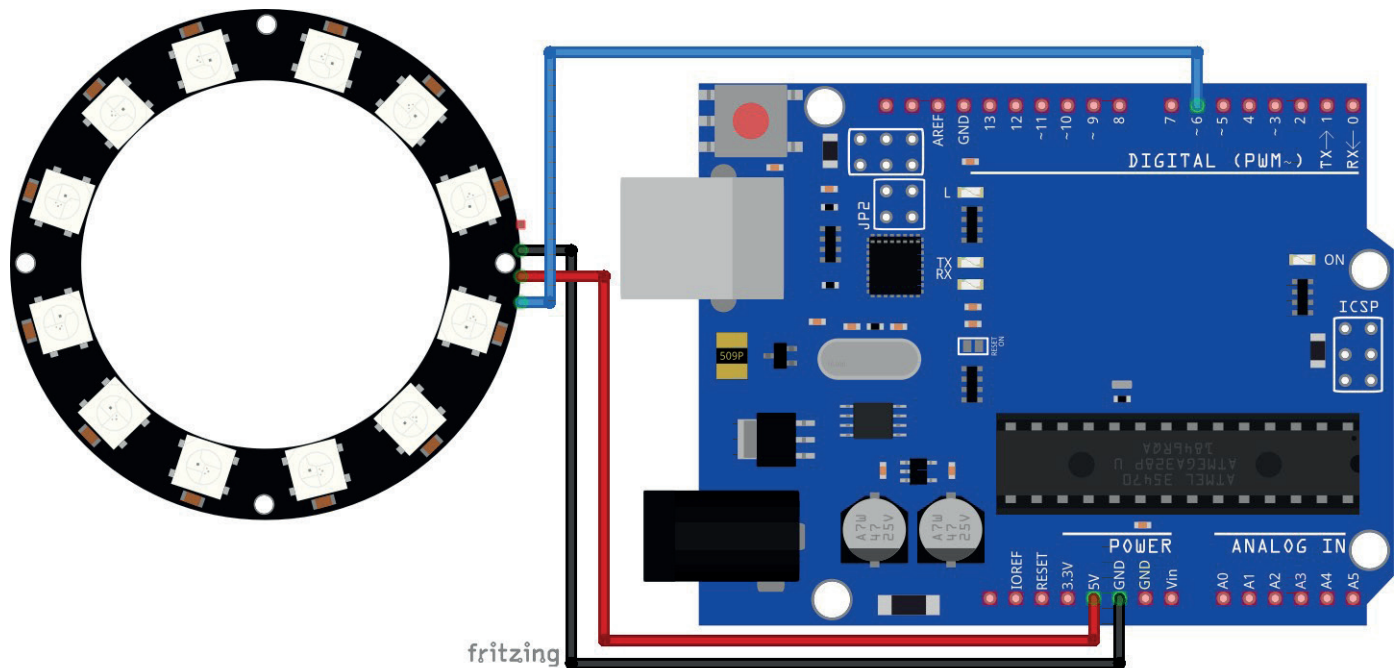
Operating Voltage Range	3.3 - 5V
LEDs	12 LEDs with 4mm Diameter
LEDs Mounting holes	4 with 3mm diameter
Dimensions	Inside diameter: 36mm [1.41in] Outside diameter: 50mm [1.97in]

2. Pinout

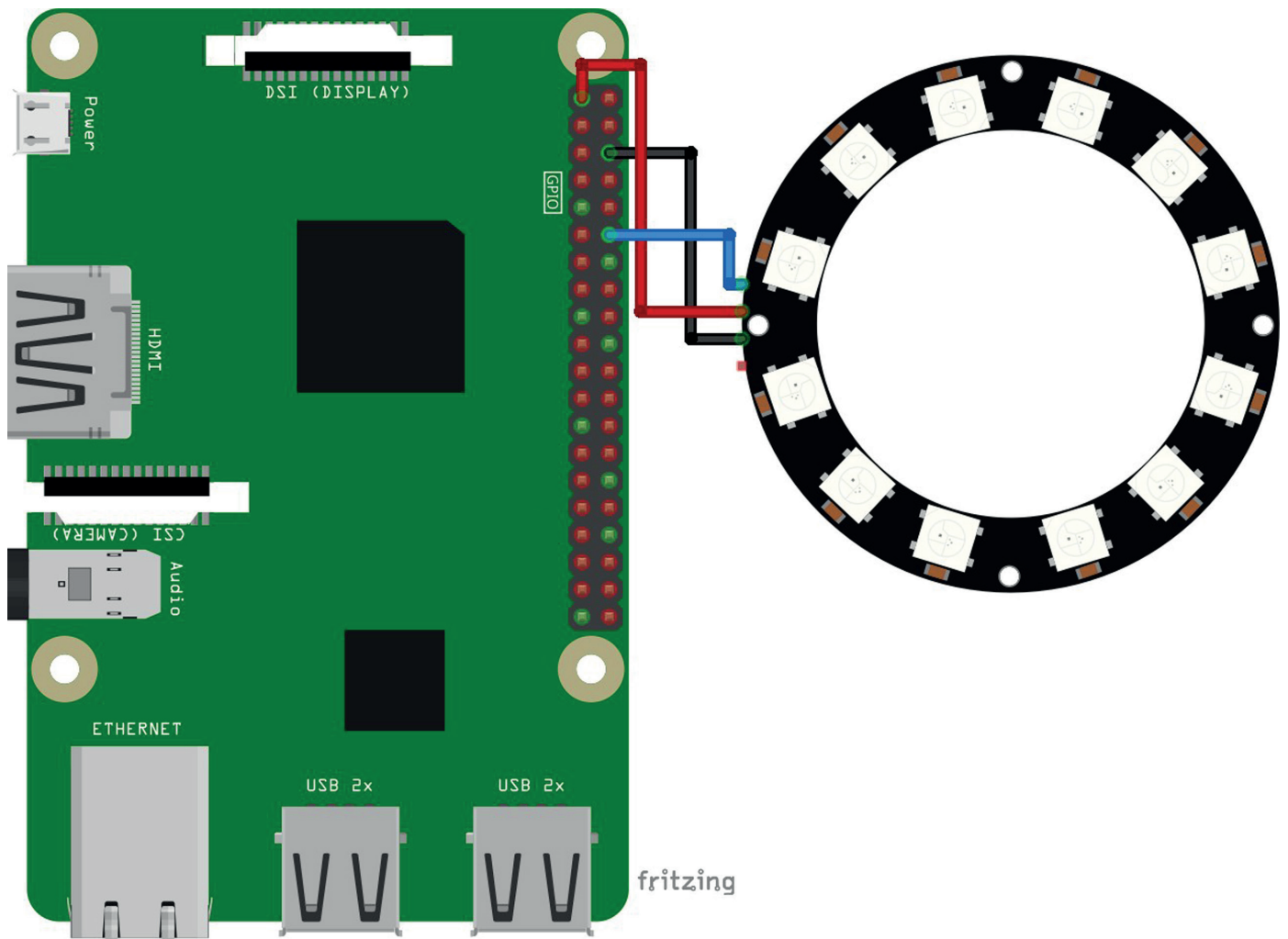


Note: Before connecting the ring to any live (working) power supply, make sure that ground is always connected first, before any other wire.

3. Connection Diagram



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



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



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