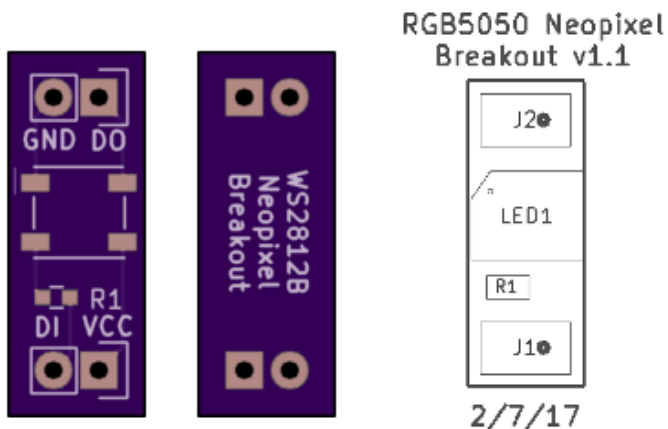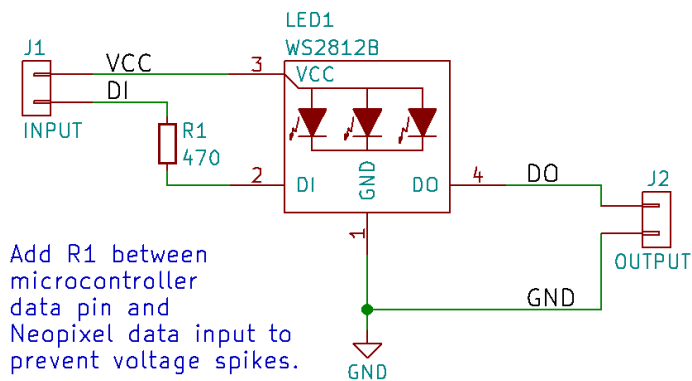# Neopixel WS2812B Breakout Board 1.1

Breadboard-compatible breakout board for a WS2812B or 5050-compatible RGB 'Neopixel' LED.

It must be used with 5V, and includes a 470-ohm resistor on the input DI line to protect against voltage spikes. The project is released as open hardware under the CERN v1.2 Open Hardware license.

You can order a set of three bare boards for $1.20 from OSH Park.

Ref	Qty	Description	Digikey PN
J2 J1	2	HEADER MALE 2POS TH 1x02 0.1"	952-2262-ND
LED1	1	LED RGB WS2812B W/DVR 4SMD	1528-1104-ND
R1	1	RES SMD 470 OHM 5% 1/4W 0603	RHM470DCT-ND