

## OctoWS2811 Adapter for Teensy 3.1 - Control tons of NeoPixels!

PRODUCT ID: 1779



## Description

This adapter board connects the Teensy 3.1 to up to thousands of WS2811/WS2812 (a.k.a NeoPixel) and compatible LEDs using the OctoWS2811 Library.

It features a 74HCT245 buffer chip and 100 ohm series matching resistors. A CAT6 Ethernet cable is used to connect this board to the LED strips. A CAT6 cable is designed for very high bandwidth, minimal cross-talk between twisted pairs, and 100 ohm impedance, for a very high quality signal.

Teensy 3.1 is a small, breadboard-friendly development board designed by Paul Stoffregen and PJRC. Teensy 3.1 brings a low-cost 32 bit ARM Cortex-M4 platform to hobbyists, students and engineers, using an adapted version of the Arduino IDE (Teensyduino) or programming directly in C language.

This product does NOT include a Teensy, it's just the adapter!

## **Technical Details**

- o Four self-threading screws
- o Eight LED outputs
- o Dimensions:
- o 56mm x 34mm x 2mm / 2.2" x 1.3" x .08"
- o Height with Ethernet Outlets: 15mm / 0.6"
- o Weight: 11.1g

 $Teensy\ 3.1\ OctoWS2811\ Adaptor\ \ https://www.pjrc.com/store/octo28\_adaptor.html$ 

