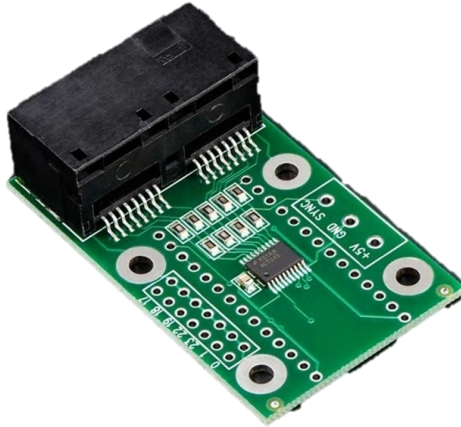# Teensy Octo28
SD Card Adaptor

This adapter card connects the Teensy 3.1 with thousands of WS2811/WS2812 LED (also called NeoPixel) using the OctoWS2811 library.

It contains a buffer module 74HCT245 and 100 Ohm series matching resistors. The board is connected to the LED strips via a CAT6 Ethernet cable. A CAT6 cable is characterized by a very high bandwidth, minimal crosstalk between the wire pairs and an impedance of 100 ohms for very high quality signal transmission.

Teensy 3.1 is a small, breadboard compatible development board designed by Paul Stoffregen and PJRC. Teensy 3.1 is a cost-effective 32-bit ARM Cortex-M4 platform for hobby developers, students and engineers to use with a customized version of the Arduino IDE (Teensyduino) or for direct programming in C.

Technical Specifications

Model	Teensy Octo28
EAN	4250236810607