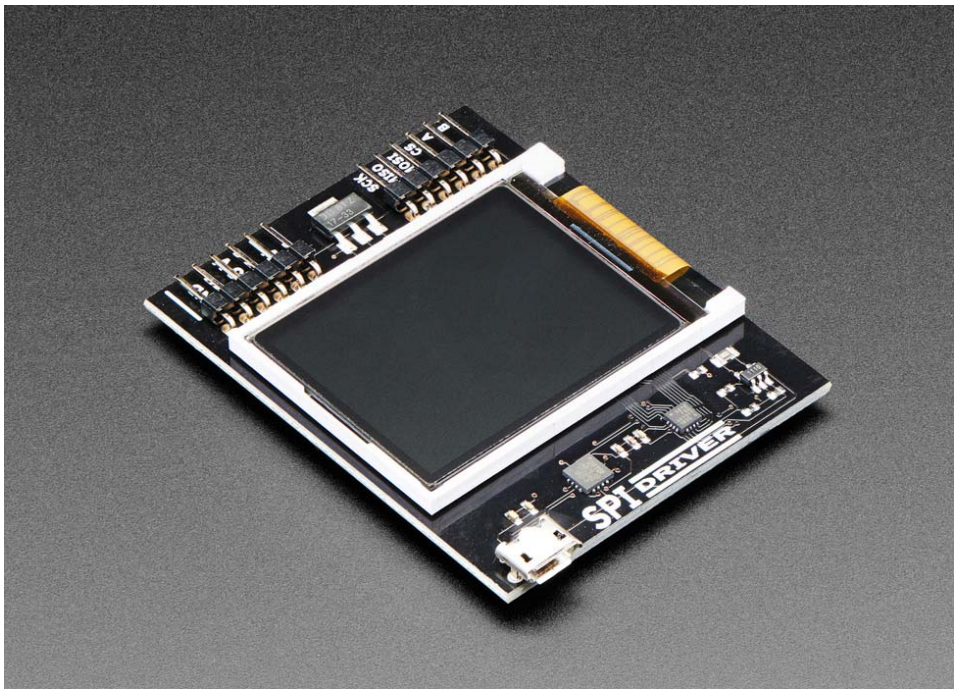

SPIDriver by Excamera Labs

PRODUCT ID: 4268

SPIDriver is an easy-to-use tool for controlling SPI devices and a great tool to help with quick driver development and debugging. It works with Windows, Mac, and Linux, and has a built-in color screen that shows a live logic-analyzer display of all SPI traffic. It uses a standard FTDI USB serial chip to talk to the PC, so no special drivers need to be installed. The board includes 3.3 and 5 V supplies with voltage and current monitoring. It's kinda like a Bus Pirate with a display and great Python support.

If you use SPI devices – LCD panels, flash memory, sensors, LEDs – you'll know that the most frequently asked question is "what's it doing now?" SPIDriver shows you what's happening on the SPI bus in real time, so no more guessing about the bus state. It's designed to make talking to SPI hardware a smooth, intuitive process. That's good whether you're a hardware debug wizard or are introducing a class to SPI for the first time.

The current and voltage monitoring let you catch electrical problems early. The included color coded wires make hookup a cinch; no pinout diagram required. It includes 3.3 and 5 V supplies for your device, plus a high-side current meter.

SPIDriver comes with free (as in freedom) software to control it from:

- a GUI
- the command-line
- C and C++ using a single source file
- Python 2 and 3, using a module

Comes with an assembled and tested SPIDriver board plus some jumper cables. The 1.8" TFT Breakout shown in the demo not included - but you can pick one up here.