

USB Logic Analyzer - 24MHz/8-Channel

TOL-18627

Product Overview

09-12-2022

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

SparkFun USB Logic Analyzer - 24MHz/8-Channel supports sampling rates up to 24MHz and provides an economic option for quickly diagnosing most communication issues. These analyzers work with 3.3V and 5V systems (up to 5.25V maximum and 2.0V minimum on a high logic level) and are powered via mini-B USB cable. This USB logic analyzer works with PulseView an open source and cross-platform signal analysis software suite. The analyzer ships with Female-To-Female jumper wires.



Features

- 8 channels
- Sampling rate up to 24MHz, configurable down to 20kHz
- 5.25V maximum voltage input
 - 2.0V minimum logic-high
 - 0.8V maximum logic-low
- Input impedance $> 100\text{k}\Omega$, 5pF
- USB power supply
- USB Type C connector
- Supports open source sigrok logic analyzer software
- Cross-platform support Windows, Mac OS X, Linux, and Android
- 54.7mm x 27.4mm x 14.1mm dimensions



Learn More About

- [24MHz/8-channel USB logic analyzer](#)

Kit Contents

- 24MHz/8-channel USB logic analyzer
- 10-conductor female-to-male jumper wires
- USB type C cable



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/sparkfun/sparkfun-usb-logic-analyzer/>