



24MHZ 8CH

## USB Logic Analyzer

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### UCTRONICS TEAM

- Skype: fpga4u
- Tel: +86 025 84271192
- Website: [www.uctronics.com](http://www.uctronics.com)
- Email: [support@uctronics.com](mailto:support@uctronics.com)

### INTRODUCTION

- The logic analyzer is a kind of waveform test equipment. It collects the specified signal and displays it to the user through graphical or statistical data. The user analyzes the error in the hardware or software according to the protocol through these graphical timing sequence signals.
- This popular low-cost 8-channel analyzer can be used with Sigrok's open source software PulseView, and it is also compatible with copyrighted Saleae logic analysis software. Please be careful to use the copyrighted software.
- When used with logic analysis software such as PulseView, you can capture and decode up to 8 digital channels at a maximum sample rate of 24MHz. The software includes

built-in decoders for a variety of protocols including CAN, I2C, JTAG, SPI, UART and more.

- The PulseView software download information can refer to the link: <https://sigrok.org/jenkins/job/sigrok-cross-mingw/buildtype=static,debugtype=release,platform=cross-i686-w64-mingw32/lastSuccessfulBuild/artifact/pulseview-NIGHTLY-32bit-static-release-installer.exe>

- For more information about the PulseView please visit the sigrok wiki site:

[https://sigrok.org/wiki/Main\\_Page](https://sigrok.org/wiki/Main_Page)

- For more detailed instructions on using the USB Logic Analyzer, please download it from the below link

[https://www.uctronics.com/download/Amazon/U6041\\_PulseView.pdf](https://www.uctronics.com/download/Amazon/U6041_PulseView.pdf)

[https://www.uctronics.com/download/Amazon/U6041\\_Saleae.pdf](https://www.uctronics.com/download/Amazon/U6041_Saleae.pdf)

**Note: Analysis software from Saleae, the copyright is owned.**

### FEATURES

- The number of channels: 8
- Sampling rate: 24MHz
- Led power indicator
- Led logic level indicator for channel 0
- Powered by USB
- Sampling death: 1T
- Sample rate type: 24MHz, 16MHz, 12MHz, 8MHz, 4MHz, 2MHz, 1MHz, 500KHz, 250KHz, 200KHz, 100KHz, 50KHz, 25KHz
- Voltage range: 0-5.5V Voltage threshold: 1.5V. Below 1.5V will be considered low level, between 1.5V and 5.5V, will be considered high level.
- Sampling rates at 4MHz and above will be dependent on system performance including the speed of your computer and the USB interface it is connected to.

### SIGNAL COLLECTION

- Let us take the PulseView as an example.

