

Open Workbench Logic Sniffer

SKU 102990044



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Description

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Technical Details

Questions and Answers

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Description

The Open Workbench Logic Sniffer is an open source logic analyzer with a USB interface. The hardware is designed for the [SUMP open source logic analyzer](#) client and toolchain. This project is a collaboration between the [Gadget Factory](#) and [Dangerous Prototypes](#).

Features

- Capture 50MHz+ waveforms on 32 channels
 - 200Msps captures up to 100MHz waveforms on 16 channels
 - 100Msps captures up to 50MHz waveforms on 32 channels
- 16 buffered channels, 5volt tolerant
 - [M74LCX16245DTR2G](#) transceiver tolerates voltages from -0.5V to +7V.

216K Block RAM supports following memory configurations*

- 8 channels with 24K sample depth
- 16 channels with 12K sample depth
- 32 channels with 6K sample depth

External clock and trigger input

- Allows interfacing with external test equipment and daisy chaining OLS's for additional channels.

Internal clock and trigger output

16bit wing expansion header

USB interface, USB powered

USB upgradable everything

Designed for the [SUMP logic analyzer client](#)

Open source

Low price

Memory depth is the maximum supported by the hardware, the current firmware implements the following memory depths:

- 8 channels with 16K sample depth
- 16 channels with 8K sample depth
- 32 channels with 4K sample depth

Future firmware upgrades will support the maximum memory configurations.

Support

[Latest project downloads, project page](#)

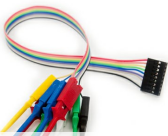
[Design overview and links](#)

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[Forum](#)

Note: The cable is not included, please purchase if you need one.
This open source hardware and software is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. If you can't accept this risk, please do not buy this hardware.
If you encounter any problems when using this product, here is the forum

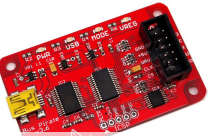
Best-sellers




Open logic sniffer probe c...



Logic Sniffer 16-bit Input B...



Bus Pirate v3.6 universal s...



Bus Pirate v4

Technical Details

Weight	G.W 23g
Battery	Exclude

Questions and Answers

0

Have a question about this? Ask people who own it.

0

Works just fine, if you use the latest software pack (3.x). Previous version (2.x) crashes frequently. Overall, nice little tool. I would love to see an enclosure for it though.

Patryk Bajer on Oct 19,2016

Reply | upvote (0)

0

Fast shipping! Device is working succesfully!

Aleksei Popovits on Oct 19,2016

Reply | upvote (0)

0

A truly fantastic bit of kit! Just remember to update the board to the newest firmware once you get it and probe away!

James Churchill on Oct 19,2016

Reply | upvote (0)

0

Very nice product. Excellently quality board, small and slim. The v1.04 board is almost exactly as shown in Seeed Studio but it shows new improvements (mainly some smaller chips and nice metallic buttons). It worked perfectly in the 1st try. I had a pr

A LR on Oct 19,2016

Reply | upvote (0)

0

I've found it very useful in a very short time. Looking forward to using it more!

Nick Andrew on Oct 19,2016

Reply | upvote (0)

Logic Sniffer is nice tool and it works well. I tried it with Classic SUMP client under Windows XP and Ubuntu 10.04, both works. I paid by paypal, free-shipping. I got the parcel home in two weeks. Really nice work.

Martin Gazda on Oct 19,2016

Reply |
upvote (0)

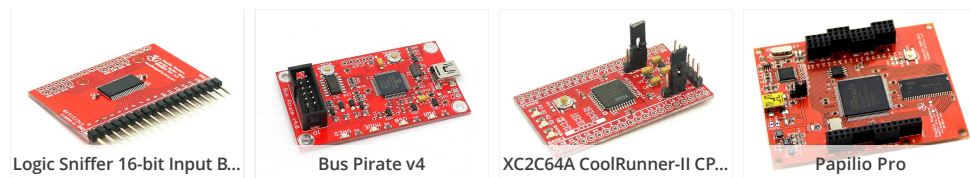


Very good tool !!Working at first time (tested with BusPirate v3b using PWM output).Thanks to SeedStudio for their fast delivery.

bvernoux on Oct 19,2016

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