



Bus Pirate v3.6 universal serial interface

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Description

[Bus Pirate v3](#) is a universal bus interface that talks to electronics from a PC serial terminal. Get to know a chip without writing code. Eliminates a ton of early prototyping effort with new or unknown chips. A [laser cut acrylic case for Bus Pirate v3.6](#) is also available.

This board provides 1-Wire, I2C, SPI, JTAG, asynchronous serial (UART), MIDI, PC keyboard, HD44780 LCDs, and generic 2- and 3-wire libraries for custom protocols.

Features

- USB interface, USB powered

ent probe

- 1Hz-40MHz frequency measurement
- 1kHz-4MHz pulse-width modulator, frequency generator
- On-board multi-voltage pull-up resistors
- On-board 3.3volt and 5volt power supply with software reset
- Macros for common operations
- Bus traffic sniffers (SPI, I2C)
- Transparent USB to serial bridge mode
- 10Hz-1MHz low-speed logic analyzer
- Custom support in [AVRDUDE](#), [Flashrom](#), [OpenOCD](#)
- AVR STK500 v2 programmer clone
- Scriptable from Perl, Python, etc.
- A bootloader for easy USB firmware updates
- Uses [DP6037 standard PCB layout](#)
- Open source (CC 0/Public Domain)

Technical Details

Dimensions 0mm x 0mm x 0mm
 Weight G.W 12g
 Battery Exclude

Part List

Bus Pirate v3.6 universal serial interface1

ECCN/HTS

ECCN Not Available
 HSCODE8517709000

Documents

Bus Pirate manual
 Bus Pirate forum
 Chip demonstrations
 Latest firmware

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[\[Wiki\]](#) The BusPirate v3 is a universal bus interface that talks to electronics from a PC serial terminal, eliminating a ton of early prototyping effort when working with new or unknown chips.

The BusPirate v3 is a universal bus interface that talks to electronics from a PC serial terminal, eliminating a ton of early prototyping effort when working with new or unknown chips.

Reviews

I have yet to test the module, but it appears to be in good condition and of high quality design and construction.

July 04,2018 by donaldjohnson

Was this review helpful ?

0

Nicely assembled

March 14,2018 by Anonymous User

Was this review helpful ?

0

This too great!

December 19,2017 by Anonymous User

Was this review helpful ?

0

This is an essential test tool for i2c and spi bus.

October 21,2017 by barcsa

Was this review helpful ?

0

August 09,2017 by Anonymous User

Was this review helpful ?

0

Excellent interface! Managed to try out one of my prototype board within five minutes! Love this thing.

November 25,2016 by jacken

Was this review helpful ?

1

Great Tools - used it for UART Debugging As beginner in electronics i would appreciate a better 101 or documentation, as there exist differnt firmwares and a community firmware ... finally I did a trial and error approach.

November 08,2016 by smart

Was this review helpful ?

2

July 27,2018 by Anonymous User

Was this review helpful ?

0

June 04,2018 by canislupusfamiliaris

Was this review helpful ?

0

May 03,2018 by Anonymous User

Was this review helpful ?

0

Questions and Answers

Have a question about 
 this? Ask people who 

0

Really good device. Tried with Tera Term, all functions working perfectly. PCB is high-quality. Postage took a bit, but confirmed to be delayed due to Spanish Post. Satisfied, would recommend!!

fragonrod8 on Oct 19,2016

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