

Beagle USB I2 Protocol Analyzer Part Number: TP320221



The Beagle™ USB I2 Protocol Analyzer is a non-intrusive Full/Low-speed USB protocol analyzer that now includes real-time USB descriptor parsing. Developers can monitor what is happening on the USB bus as it happens with 21 ns resolution.

Thanks to the Beagle analyzer's low cost, every engineer can have his or her own. That means you do not have to schedule time to share your analyzer with other developers. Bottom line, your company saves time, effort and money.

Overview

- Non-intrusively monitor Full/Low-speed USB (1.5 Mbps/12 Mbps)
- Real-Time USB Descriptor Parsing
- Real-Time Data Capture and Display
- Watch USB packets as they occur on the bus.
- Fully Windows, Linux, and Mac OS X compatible
- Includes full function monitoring tools
- Low Cost

What is Included

Every unit comes complete with the following items:

- Beagle USB 12 unit
- (1) 6 foot USB A->B cable
- (1) 1 foot USB A->B cable
- Software CD
 - Windows USB Drivers
 - Linux USB Hot Plug Configuration files
 - Data Center Software
 - Datasheets
 - Documentation

SPECIFICATIONS

Non-intrusive USB monitoring

The Beagle monitor is galvanically isolated so it will not affect the system under test or distort the results. Simply attach the Beagle USB 12 inline to passively monitor Full-speed and Low-speed USB devices. It is also possible to monitor High-speed devices by attaching the device through a Full-speed hub.

USB Descriptor Decoding

The class-level decoding feature of the Data Center Software provides real-time USB descriptor decoding for data captured with a Beagle USB 12 Protocol Analyzer. Full class-level decoding is available with the Beagle USB 480 Protocol Analyzer.

Nearly Limitless Capture

Captured data is streamed via High-speed USB directly to your computer. The amount of data captured is limited only by the amount of physical memory available on the machine.

Real-Time Display

See how your device interacts with the USB Host in real-time. Do not waste your time setting up complex triggers to capture data only to discover that the data of interest did not get captured.

With the Beagle USB 12 Protocol Analyzer, you can see the USB packets in real-time. Other analyzers claim to have real time capture, but the Beagle analyzer is the only low-cost analyzer that lets you see USB packets as they are sent over the USB bus in real time.

High-Speed USB 2.0

The Beagle monitor is a bus-powered, High-speed USB 2.0 device. This provides two major benefits. As a high speed device, all the data captured by the Beagle monitor are transferred to the test computer at 480 Mbps. As a low power device, the Beagle monitor does not require a power adapter. This makes the Beagle monitor the ideal tool for engineers in the field. Just plug it into a High-speed USB 2.0 port on your laptop and you are ready to go.

Low Cost

No Hidden Fees

The Beagle USB 12 Protocol Analyzer comes complete with software. There are no additional yearly support contracts and no fees for software updates. The low cost makes it affordable for a company to provide every developer with their own analyzer. The benefits of every developer having their own analyzer are:

- **Less time wasted** because developers do not have to share analyzers or go to the lab to debug simple problems.
- Less wasted time means **higher productivity** because developers can identify and fix problems quickly and easily with less down-time.
- Higher productivity means **shorter development cycles**. Projects get done on time and on budget.

By saving just a few hours of engineering time, the Beagle USB 12 analyzer will have paid for itself.

Future-Proof

The Beagle monitor is completely field-upgradable via USB. Total Phase is committed to improving the Beagle USB analyzer and making these improvements available to our customers free of charge. There are no yearly support contracts and no software update fees.

Updates will be available for download from www.totalphase.com

DISTRIBUTOR



FLASH TECHNOLOGY PTE LTD
Website : www.flashtech.com.sg
Email : sales@flashtech.com.sg
Tel : +65 6749 6168