

Aardvark I2C/SPI Host Adapter

Our most popular product, the Aardvark I2C/SPI Host Adapter, is a fast and powerful USB-to-I2C/SPI Emulator. With its ability to emulate a Host or Device, communicate in I2C or SPI, this host adapter is a versatile tool well-suited for a variety of applications



Beagle I2C/SPI Protocol Analyzer

The Beagle I2C/SPI Protocol Analyzer is the ideal tool for debugging and monitoring traffic on your I2C, SPI, or SMBus/ MDIO based applications. The Beagle analyzer provides a high performance bus monitoring solution in a small, portable package. It provides fast interactive, real-time visibility into the protocol layer of your embedded system.

Komodo CAN Duo Interface

The Komodo CAN Duo Interface is a high-performance USB-to-CAN adapter with two independent CAN channels for simultaneous communication. It supports real-time monitoring, active transmission, bus arbitration, and protocol analysis for efficient debugging. With cross-platform support and APIs in Python, C, and more, it's ideal for development, testing, and automation.



Beagle USB Protocol Analyzers

Beagle USB 480 Protocol Analyzer

The Beagle USB 480 Protocol Analyzer is a low-cost, non-intrusive High-speed USB 2.0 bus monitor that includes real-time USB class-level decoding



Beagle USB 480 Power Protocol Analyzer

The Beagle USB 480 Power Protocol Analyzer is a low-cost, non-intrusive High-speed USB 2.0 bus monitor that includes VBus Monitoring for Voltage and Current and real-time USB class-level decoding.



Beagle USB 5000v2 Super Speed Protocol Analyzer

The Beagle USB 5000 Super Speed Protocol Analyzer is a world-class USB 3.0 bus monitor that provides real-time interactive capture and analysis of USB 3.0 and USB 2.0 traffic (up to 5 Gbps).



➤ Reach out to us at tp@gasmspl.com

Promira Serial Platform

Promira Serial Platform is the world's first I2C/SPI master or slave with eSPI simulator and protocol analysis capabilities. Built on a completely new FPGA-based architecture, Promira platform is the latest tool in Total Phase's established line of cost-effective and easy-to-use embedded



Key Features

- USB/Ethernet to I2C/SPI/eSPI Interface
- Dual and Quad I/O SPI/eSPI
- Integrated level shifting (0.9 - 3.45 V, 5 V)
- Ethernet and high-speed USB interface
- Up to 16 GPIOs
- Up to 8 slave selects
- Windows, Linux, Mac OS X
- API Support
- 32-and 64-bit support for C/C++/C#, Python, NET, VB.Net
- Create custom applications using flexible, powerful, and well-documented Promira API

| Protocol | Master Maximum | Slave Maximum |
|----------|-----------------|---------------|
| I2C | 1MHz - 3.4MHz | 1MHz - 3.4MHz |
| SPI | 12.5MHz - 80MHz | 8MHz - 20MHz |

| Protocol | Master Maximum | Slave Maximum |
|---------------|----------------|---------------|
| eSPI Analysis | 66MHz | 66MHz |

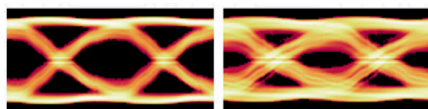
Advanced Cable Tester v2

Total Phase Advanced Cable Tester v2 is the quickest and most convenient way to comprehensively test USB and video cables. Combining blazing fast performance with a low cost per test and a rugged design, the Advanced Cable Tester v2 enables rapid spot-checking of cables, easy-to-understand reports, with 100% test coverage for lab and production environments at a fraction of the price, time, and labor, versus other solutions.



It provides:

- Short testing - Dynamic visualization of test results
- Open testing - Dynamic visualization of test results
- Continuity testing- Dynamic visualization of test results
- DC resistance measurement
- Signal integrity testing of data lines to 12.8 Gbps/ channel
- E-Marker verification



| Test Report Details | |
|--|---|
| TIME: 12/21/1998, 03:29:00 PST | TEST PROFILE: USB Full-Featured Type-C Cable, SuperSpeed Gen2, 3A PASS |
| Plug 1: USB Type-C (Flipped Orientation) | Plug 2: USB Type-C (Normal Orientation) |

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