

32-bit PCI Bus Extender

Designed by Engineers for Engineers

32-bit PCI Bus Extender with integrated logic, supporting debugging and verification PCI boards. The Extender is a complete PCI debugging platform that allows easy access to logic signals, overcurrent protection, and hot-swap capability

Built-in

Universal ByteBlaster, supporting programming wide range of FPGA/CPLD from all major vendors

Built-in

I2C/SPI control logic

Supports

hookup of high density Logic Analyzer probes for all PCI signals

Easily

plug-in / plug-out test PCI board with cables in any computer case (U.S. Patent 7,186,145)



Features:

- Supports 5V and 3.3V signaling environments as well as live insertions for the plug-in board
- Supports external power supply for the generation of all PCI voltage levels
- Power monitoring and current limiting for PCI test connector
- Master I2C and SPI operation
- Implements Universal FPGA/CPLD ByteBlaster functionality for the different types of FPGA (like Xilinx, Altera, Lattice)
- Equipped with a test point header array with all PCI bus signals for logic analyzer hookup
- IEEE-1149.1 JTAG Boundary Scan port is available to support system and board level testing
- Supports 2U and standard computer cases

Software

- Software for Linux, FreeBSD, Windows OS.

