Overview

The PXI modules allow you to run XJTAG from a PXI rack alongside the rest of your test equipment. PXI-01 and PXI-02, with one and two XJLink outputs respectively, provide a PXI interface to the JTAG chain on your Unit Under Test (UUT).

Robust PXI solution

XJTAG PXI-01 and PXI-02 provide a JTAG solution that can be integrated with other test equipment using the industrial PXI standard designed to minimise the effect of electrical noise.

Configurable JTAG interface

Only a simple cable assembly is required to connect to your target board — no extra adapters needed. The 20-way connectors on PXI-01 and PXI-02 are configurable from your test system. The ability to change the pinmap for the JTAG signals simplifies the process of connecting your XJTAG test system to the Unit Under Test.

Advanced connectivity

PXI-01 and PXI-02 have variable signal termination, so they can handle boards both with and without signal termination. The advanced auto-skew control enables you to get the maximum frequency out of your JTAG chain and cable.

Flexible & scalable

From a single port system for development to multiport test and programming systems in production, the PXI modules provide a flexible, scalable JTAG solution.

With self-contained licences, all XJTAG hardware provides flexibility as no network connection is required.

Integration

A standard Component Object Model (COM) interface allows you to integrate XJTAG testing with executives such as NI LabVIEW™, LabWindows™/CVI, or a bespoke application written in languages such as Visual Basic and C#.

LabVIEW and LabWindows/CVI are registered trademarks of National Instruments.

Key Benefits

- Standard PXI interface: ideal for lab and production work
- Modular, scalable solution
- Self–contained licence allow you to run XJTAG from a standalone PXI rack
- Re–configurable unit for multiple UUTs saving costs
- Easy integration with **LabVIEW**™

Features

- 32bit PXI/c PCI bus interface
- 3U form factor
- LabVIEW VIs (National Instruments)
- Adjustable JTAG signal termination
- Automatic signal skew control
- Handles different cable and board configurations
- Can supply power to the target board (3.3V, <100mA)
- JTAG signals are +5V tolerant
- Spare signals on JTAG connector can be used to control other items — e.g. hold a board in reset / turn on a PSU
- Full tutorials provided for all software packages based on supplied demonstration hardware

Free 30–day Evaluation

Try the XJTAG Development System and see for yourself.

Distributor / Technology Partner