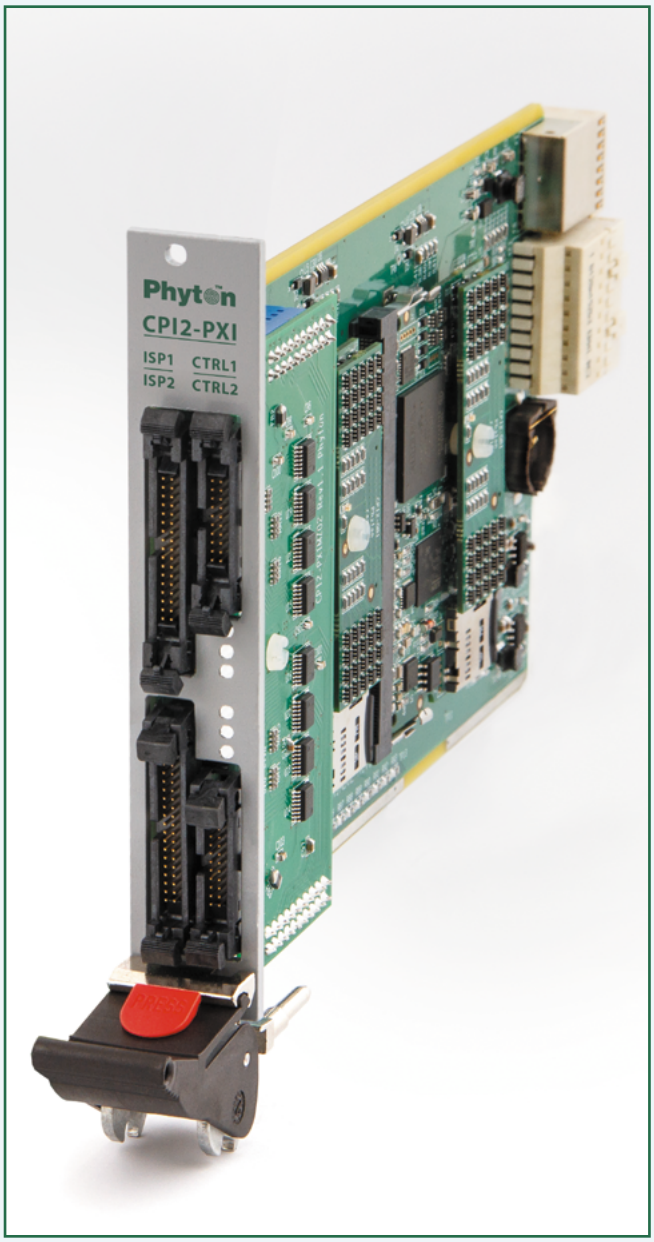
Phyton™

CPI2-PXI Gang In-System Programmer
PXI Module

NEW

This Phyton, PXI Express fully compatible, device programmer module is designed to program multi-board panels in test fixtures, automated testers and handlers. It currently supports 41,000+ in-system programmable microcontrollers, flash memory, and programmable logical devices. Support for new devices is always in our development pipeline.



- Compact PCI Express compliant, PXI Express fully compatible.
- Occupies one 3U slot of PXI Express chassis.
- Has two mini DIMM slots for plugging standard Phyton CPI2-GM1 modules.
- Can be optionally equipped with one or two programming modules.
- Each programming module has a built-in demultiplexer.
- Channel demultiplexers can be optionally enabled by a special license.
- Enables multi-target parallel programming channels.
- Programs devices with Vcc from 1.2V to 5.5V.
- Supports JTAG, SWD, DAP, SPI, SCI, I²C, UART and other device interfaces.
- Provides target panel with Vcc (up to 5.5V/350mA) and Vpp (up to 15V).
- Compatible with Microsoft™ Windows® XP, 7, 8 or 10.
- Friendly intuitive graphic user interface (GUI).
- Optional simplified graphical user interface (SUI) for unskilled personnel.
- Application Control Interface (ACI) and SDK.
- Enables control from programs in C, C++, C#, Visual Basic, etc.
- Enables control from National Instrument® LabVIEW™.
- Scripting language for complex control.
- Reliable data and project settings protection.
- Tamperproof software and firmware.
- Can work in a standalone mode under ATE control, without a computer.
- Real-time standalone mode monitor.
- Each programming module can store up to 256 standalone projects.
- Up to 32 standalone projects can be launched by ATE signals.
- Synchronous and asynchronous launch modes.
- Can program devices at a long distance – some devices at up to 5m (~15ft).
- Ribbon cables for target connection are included in CPI2-PXI-xxx kits.

Phyton, Inc. Microsystems and Development Tools
6701 Bay Parkway, Ste 3M-2, Brooklyn, NY 11204, USA,
Phone: 1-718-259-3191, info@phyton.com, www.phyton.com