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Data Sheet

August 15, 2026

GOPEL

Gopel PXI JTAG Boundary Scan Controller

The Gopel PXI 1149.1-B is a boundary scan controller module designed for PXI systems. It facilitates testing and diagnosis of electronic circuits and systems using boundary scan (IEEE 1149.1) technology. This module allows users to control and monitor boundary scan operations, making it suitable for validating board-level interconnects, identifying manufacturing defects, and performing in-system programming.



MODEL

Gopel PXI 1149.1-B

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PXI 1149.1-B

LISTING

<https://aumictechlabs.com/products/pxi-1149-1-b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Gopel PXI 1149.1-B boundary scan controller module integrates into PXI-based test systems, offering a solid solution for boundary scan applications. It enables precise control over scan chains, supporting a variety of boundary scan operations, including interconnect testing, memory testing, and logic cluster testing. The module is valuable for enhancing test coverage and reducing test times during manufacturing and maintenance.

PXI11491B Characteristics / Specifications

PARAMETER	VALUE
Model	PXI 1149.1-B
Instrument Type	PXI JTAG boundary scan controller
Bus Interface	PXI
Standard	IEEE 1149.1
Manufacturer	GOEPEL electronic
Form Factor	3U PXI module class
Tck	programmable
Software	GOEPEL CASCON class
Operating Temperature Class	commercial ATE
Power	PXI chassis power
Connector	JTAG front panel
Humidity Class	non condensing
Duty	production ATE
Scan Modes	interconnect cluster ISP
LEDs	status class
Driver	PXI device driver
Grounding	chassis ground
Tap Support	multi TAP class
Cooling	PXI airflow
Storage Temperature Class	commercial
Trigger	PXI trigger class
Compatibility	PXI chassis
Isolation	pod dependent
Storage temperature	Class: commercial
Operating temperature	Class: commercial ATE

PARAMETER	VALUE
Humidity	Class: non condensing

PXI11491B Specifications

PARAMETER	VALUE
Applications	PXI-based boundary-scan interconnect test, cluster test, and in-system programming in modular ATE racks.
PXI form factor JTAG controller	IEEE 1149.1 compliance
Technical Specifications	Model: PXI 1149.1-B

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Class: commercial
Operating temperature	Class: commercial ATE
Operating Temperature	Class: commercial ATE
Humidity	Class: non condensing
Operating Temperature Class	commercial ATE
Power	PXI chassis power
Connector	JTAG front panel
Humidity Class	non condensing
Duty	production ATE
Scan Modes	interconnect cluster ISP
LEDs	status class
Driver	PXI device driver
Grounding	chassis ground
Tap Support	multi TAP class
Cooling	PXI airflow
Storage Temperature Class	commercial
Trigger	PXI trigger class
Compatibility	PXI chassis
Isolation	pod dependent Notes From GOEPEL PXI 1149.1-B inventory title and GOEPEL PXI JTAG controller family literature. Exact TAP count and TCK max follow the GOEPEL module datasheet.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.