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Data Sheet

August 14, 2026

INTERFACE TECHNOLOGY

Interface Technology PG110 300 MHz Pulse Generator

Interface Technology PG110 300 MHz VXI Pulse Generator The Interface Technology PG110 is a full-performance 300 MHz pulse generator in a single VXI C-size module. OEM PG110 literature lists two output channels, 10 Hz to 300 MHz, 24 V peak-to-peak programmable amplitude with plus or minus 12 V range, programmable delay, transition times or slew rates, pulse widths or duty cycles, trigger input/output and external clock, SCPI and IEEE 488.2, and master/slave clock/trigger cabling across modules. NSN 6625-01-472-7800. The Interface Technology PG110 is a full-performance 300 MHz pulse generator in a single VXI C-size module. OEM PG110 literature lists two output channels, 10 Hz to 300 MHz, 24 V peak-to-peak programmable amplitude with plus or minus 12 V range, programmable delay, transition times or slew rates, pulse widths or duty cycles, trigger input/output and external clock, SCPI and IEEE 488.2, and master/slave clock/trigger cabling across modules. NSN 6625-01-472-7800. Functional and parametric pulse testing in VXI ATE up to 300 MHz, including multi-module synchronized stimulus.



MODEL

**Interface
Technology PG110**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

PG110

LISTING

<https://aumictechlabs.com/products/pg110-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Interface Technology PG110 is a 300 MHz pulse generator built into a single VXI C-size module for precise timing and synchronization across test, research, and development applications. It delivers two independent output channels with fully programmable pulse parameters and supports external trigger inputs, trigger outputs, and external clock inputs for flexible system integration. Master/Slave configuration enables tight synchronization across multiple units via interconnect cables, while SCPI and IEEE 488.2 command support integrates into automated test environments.

Technical Specifications

Output and Frequency: Frequency range: 10 Hz to 300 MHz Output channels: Two independent Output impedance: 50 Ω Amplitude range: 24 V peak-to-peak (± 12 V) Programmable Pulse Parameters: Pulse width (variable) Pulse delay Repetition rate Transition times and slew rates (per channel; Range 2 coupling note applies) Pulse polarity Pulse mode: Single or double Synchronization and Control: External trigger input Trigger output for timing signal distribution External clock input support Master/Slave operation with interconnect cable synchronization Per-channel and per-module programmability

Key Features VXI C-size form factor for direct chassis integration SCPI and IEEE 488.2 command compatibility Independent amplitude, width, delay, and slew rate control per channel Scalable multi-unit configurations via Master/Slave mode External clock and trigger inputs for system synchronization

Typical Applications Timing verification, pulse train generation, device characterization, trigger distribution in multi-instrument systems, and synchronized test sequences requiring precise edge control.

Compatibility & Integration Designed for VXIbus systems. Operates stand-alone or synchronized with other PG110 modules. Accepts SCPI and IEEE 488.2 commands for remote and automated control.

PG110 Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	VXI C-size pulse generator
Frequency Range	10 Hz to 300 MHz
Channel Count	2
Amplitude	24 V peak to peak programmable
Amplitude Window	plus or minus 12 V range
Vxi Package	single C-size VXI module
Command Set	SCPI and IEEE 488.2
Programmable Delay	yes
Programmable Edges	transition times or slew rates
Programmable Width	pulse widths or duty cycles
Trigger Input	external trigger input
Trigger Output	trigger output
External Clock	external clock input
Vxi Trigger	selected VXITTLTRG line as edge or synchronous gate trigger
Software Trigger	software commands and an internal timer
Master Slave	slave modules receive clock and trigger from the master via two interconnect cables
Per Channel	amplitude, offset, pulse width, polarity, single or double pulse, trigger delays
Per Module	frequency and leading/trailing edge rates
Nsn	6625-01-472-7800
Literature	Interface Technology PG110 300 MHz Pulse Generator product literature
Use Mode	stand-alone or master/slave
Parametric Claim	clean edges for functional and parametric tests to 300 MHz
Enclosure	VXI C-size single slot

PG110 Specifications

PARAMETER	VALUE
Interface Technology PG110 300 MHz VXI Pulse Generator	Overview
Applications	Functional and parametric pulse testing in VXI ATE up to 300 MHz, including multi-module synchronized stimulus.
Frequency and edge rates programmable per module	Master/slave interconnect for tight timing across modules
Technical Specifications	Instrument Type: VXI C-size pulse generator

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.

performance 300 MHz pulse generator in a single VXI C-size module. OEM PG110 literature lists two output channels, 10 Hz to 300 MHz, 24 V peak-to-peak programmable amplitude with plus or minus 12 V range, programmable delay, transition times or slew rates, pulse widths or duty cycles, trigger input/output and external clock, SCPI and IEEE 488.2, and master/slave clock/trigger cabling across modules. NSN 6625-01-472-7800.

Applications

Functional and parametric pulse testing in VXI ATE up to 300 MHz, including multi-module synchronized stimulus.

Key Features

- Two independent output channels
- Programmable amplitude, offset, width, polarity, single/double pulse, trigger delay per channel
- Frequency and edge rates programmable per module
- Master/slave interconnect for tight timing across modules
- Edge or synchronous-gate trigger from external input or VXITTLTRG

Technical Specifications

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PARAMETER	VALUE
Per Module	frequency and leading/trailing edge rates
Nsn	6625-01-472-7800
Literature	Interface Technology PG110 300 MHz Pulse Generator product literature
Use Mode	stand-alone or master/slave
Parametric Claim	clean edges for functional and parametric tests to 300 MHz
Enclosure	VXI C-size single slot

Notes

Frequency, amplitude, channel count, VXI C-size, SCPI/IEEE 488.2, and master/slave rows from Interface Technology PG110 300 MHz Pulse Generator product literature. Fine edge-time tables are in the PG110 specification chapter.

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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30-day returns
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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.