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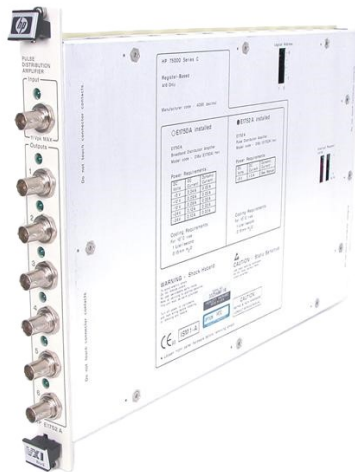
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E1752A

HP Agilent E1752A VXI Pulse Distribution Amplifier The HP E1752A isaVXI pulse distribution amplifier. OEM VXI catalogs list E1752A as VXI Pulse Distribution Amplifier, related to E1750A 100 kHz-10 MHz solid-state amplifier, for distributing timing/pulse references across VXI systems. Distributing pulse and timing references to multiple VXI instruments in time-interval and frequency-measurement systems. Works with E1750A 100 kHz-10 MHz amplifier family The HP E1752A isaVXI pulse distribution amplifier. OEM VXI catalogs list E1752A as VXI Pulse Distribution Amplifier, related to E1750A 100 kHz-10 MHz solid-state amplifier, for distributing timing/pulse references across VXI systems. Distributing pulse and timing references to multiple VXI instruments in time-interval and frequency-measurement systems. Works with E1750A 100 kHz-10 MHz amplifier family Instrument Type: VXI pulse distribution amplifier



MODEL

**Agilent / Keysight
E1752A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1752A

LISTING

<https://aumictechlabs.com/products/e1752a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight E1752A is a C-size VXI pulse distribution amplifier that buffers and distributes clock signals, timing pulses, and broadband waveforms across up to six isolated outputs. Operating from 100 kHz to 10 MHz (or 1 pps to 10 million pulses per second), the module accepts input levels between +7 dBm and +19 dBm and maintains phase and frequency integrity across varying environmental conditions. High port-to-port isolation and low crosstalk make it suitable for precision timing distribution in laboratory, factory, and automated test equipment

systems. Technical Specifications Input frequency range: 100 kHz to 10 MHz (or 1 pps to 10 million pps) Input level: +7 dBm to +19 dBm (logic: LO $\leq$ 0.8 V, HI $\geq$ 2.0 V) Maximum damage level: +27 dBm (+14 V, -9 V) Input impedance: 50 Ω Harmonic distortion: < -45 dBc Spurious modulation: < -100 dBc Output channels: Six buffered outputs Form factor: C-size, 1-slot, register-based VXI module Phase noise: Dependent on input level; specifications available Key Features Built-in automatic gain control (AGC) for phase stability and rapid deployment without manual level adjustment High isolation between output ports to minimize crosstalk in multi-channel distribution Channel fault alarm with front-panel status indicators for system monitoring VXIbus register access enables real-time signal presence/absence detection on individual channels Preserves input signal phase and frequency characteristics under temperature and humidity variations Typical Applications Precision clock distribution in ATE and test systems 1 pps timing reference distribution Broadband pulse and sine wave buffering Multi-channel signal distribution in synchronized measurement environments Compatibility & Integration Designed as a plug-in module for VXIbus systems, the E1752A integrates via register-based VXI controller communication. Accepts standard clock signals, timing pulses, sine waves, and pulse trains across its 50 Ω input.

E1752A Characteristics / Specifications

PARAMETER	VALUE
Model	E1752A
Instrument Type	VXI pulse distribution amplifier
Related Amplifier	E1750A 100 kHz to 10 MHz solid state amplifier
Module Size	VXI
Function	pulse/timing distribution
Manufacturer	HP Agilent Keysight
Use Case	fan-out timing pulses in VXI
Operating Temperature Class	0 to 55 C VXI
Power Rails	VXI backplane
Programming	SCPI via command module class
Form Factor	VXI plug-in
Literature	HP E1752A VXI Pulse Distribution Amplifier catalog
Host	VXI mainframe
Connectors	pulse I/O coaxial class
Slots Occupied	1 class
Frequency Context	E1750A 100 kHz to 10 MHz family
Output	buffered pulse distribution
Input	pulse/reference input
Cooling	mainframe slot cooling
Logical Address	switch selectable class
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Operating temperature	Class: 0 to 55 C VXI

E1752A Specifications

PARAMETER	VALUE
HP Agilent E1752A VXI Pulse Distribution Amplifier	Overview
Applications	Distributing pulse and timing references to multiple VXI instruments in time-interval and frequency-measurement systems.
Multiple buffered outputs class	Works with E1750A 100 kHz-10 MHz amplifier family
Technical Specifications	Model: E1752A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 55 C VXI
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Slots Occupied	1 class
Frequency Context	E1750A 100 kHz to 10 MHz family
Output	buffered pulse distribution
Input	pulse/reference input
Cooling	mainframe slot cooling
Logical Address	switch selectable class
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications Notes Identity from HP E1752A VXI catalog listings. Channel count, gain, and bandwidth limits are in the E1752A module manual; E1750A 100 kHz-10 MHz is the related solid-state amplifier.

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	
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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

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30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

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