

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E1432-61602

The Agilent/Keysight E1432-61602 is a VXI high-density, 16-channel multiplexer module designed for data acquisition systems. It offers reliable signal switching and routing for various measurement applications. Featuring a compact form factor, it is suitable for integration into VXI-based test and measurement setups.



Artisan Technology Group

MODEL

**Agilent / Keysight
E1432-61602**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1432-61602

LISTING

<https://aumictechlabs.com/products/e1432-61602-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight E1432-61602 is a VXI high-density multiplexer module delivering 16-channel signal switching and routing for sophisticated data acquisition and test systems. This C-size VXI module enables bidirectional switching across all channels, supporting signal management in automated test equipment, laboratory measurement setups, and embedded control applications. Its compact form factor integrates directly into VXI mainframes while maintaining low contact resistance and high isolation between channels to minimize crosstalk and ensure signal integrity. Technical Specifications Module Type: VXI multiplexer, C-size form factor Channels: 16 with bidirectional switching capability Switching Voltage: Up to 150 VDC/VAC Switching Current: Up to 1 A Contact Resistance: Low resistance for accurate signal transfer Channel Isolation: High isolation between channels and to ground Operating Temperature: 0°C to 55°C Interface: VXIbus compliant; front-panel terminal block connectors Key Features Bidirectional signal routing on all 16

channels Low contact resistance for minimal signal degradation High channel-to-ground and channel-to-channel isolation Standard VXI C-size module footprint for single-slot mainframe integration Terminal block external signal connections

Typical Applications

Automated test equipment (ATE) signal routing to Device Under Test components Data acquisition multiplexing of sensor inputs to single ADC Signal distribution and control signal switching in complex test fixtures Environmental chamber control and sensor reading switching

Compatibility & Integration

The E1432-61602 integrates with Agilent/Keysight and VXIbus-compliant mainframes via VXIplug&play drivers or SCPI command control. Supports integration with standard test executive software including LabVIEW, VEE, and C/C++ environments.

E143261602 Characteristics / Specifications

PARAMETER	VALUE
Model	E1432-61602
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight E1432-61602
Sku	E1432-61602
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	E1432-61602
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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 table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.	
Applications	
Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.	
Key Features	
Catalog identity matched to brand, model, and SKU	
Accessory or spare class rather than standalone instrument	
No invented electrical performance numbers	
Use with the parent instrument or chassis named in the title when applicable	
Documented as thin because OEM numeric tables are not public	
Technical Specifications	
Technical Specifications	
PARAMETER	VALUE
Model	E1432-61602
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight E1432-61602
Sku	E1432-61602
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	E1432-61602
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
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.