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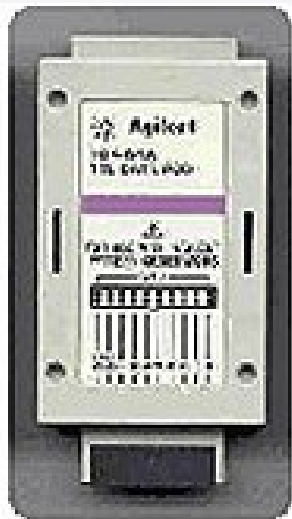
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 10462A

Agilent/Keysight 10462A Overview This listing is a catalog accessory or spare in the Agilent / Keysight catalog. Public OEM literature for this exact SKU does not publish a dense numeric 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.

**MODEL****Agilent / Keysight
10462A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****10462A****LISTING**<https://aumictechlabs.com/products/10462a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 10462A is an eight-channel 3-state TTL/CMOS data pod engineered for the 1670G Series pattern generator (Option 004). Each pod delivers precise digital signal generation and control across eight output channels, supporting clock synchronization and multi-pod expansion configurations. The 10462A operates at clock frequencies up to 100 MHz with minimal signal skew, making it suitable for digital pattern generation, device characterization, and timing-critical test applications.

Technical Specifications

Logic Level Support: 3-state TTL/CMOS

Output Channels: 8 per pod

Output Driver: 74ACT11244 with 100 Ω series resistance; Channel 7 features 10H125 non-3-state output

3-State Enable: Negative true logic; 100 k Ω pull-down to ground; enabled on floating (no connect) input

Maximum Clock Frequency: 100 MHz

Channel-to-Channel Skew: Typical: < 4 ns Worst case: 12 ns

Key Features

True 3-state output control for flexible signal

routing and multi-driver configurations Dedicated channel architecture with mixed output driver topology for specialized applications Low propagation skew ensures timing integrity in multi-pod setups Eight independent output channels per pod enable high-channel-count pattern generation Automatic 3-state enable on unconnected control lines simplifies pod configuration Typical Applications Digital device functional testing and verification High-speed digital pattern generation and stimulus Multi-channel timing and synchronization measurements Bus-level digital signal simulation Compatibility & Integration The 10462A integrates with the 1670G Series pattern generator via Option 004 and pairs with the Agilent/Keysight 10474A lead set. Multiple pods (up to four sets) can be ordered to expand channel capacity. Each ordered set includes one 8-channel data pod and one 10474A lead set.

10462A Characteristics / Specifications

PARAMETER	VALUE
Model	10462A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 10462A
Sku	10462A
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	10462A
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	10462A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 10462A
Sku	10462A
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	10462A
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>

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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.