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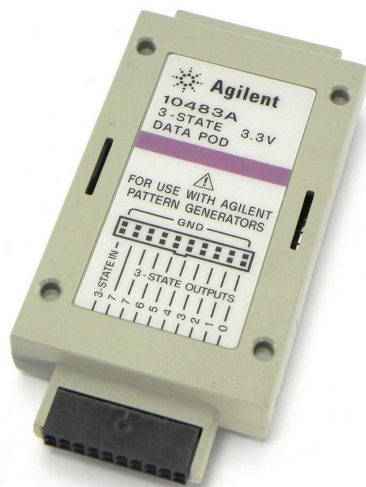
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 10483A

Agilent/Keysight 10483A 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
10483A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

10483A

LISTING

<https://aumictechlabs.com/products/10483a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 10483A is a 3-state data pod module designed for high-speed pattern generation applications. Operating at 3.3 V logic levels, this 74AVC16244 output pod integrates with Agilent's 16720A and 1670G-004 pattern generators to deliver controlled digital stimulus. Each pattern generator requires at least one clock pod and supports up to four data pods, with configuration flexibility through optional lead sets. Technical Specifications Output Type: 74AVC16244 Logic Level: 3.3 V, 3-state 3-state Enable: Negative true (no connect = enabled) Maximum Clock: 300 MHz Skew Typical: <1 ns Skew Worst Case: 2 ns Recommended Lead Set: 10498A Key Features The 10483A delivers sub-nanosecond timing precision with typical skew under 1 ns and worst-case skew of 2 ns, enabling reliable multi-pod synchronization across complex test scenarios. Its 3-state architecture with negative-true enable logic provides flexible

output control, and the no-connect-enabled default simplifies integration into existing test benches. Operating at 300 MHz maximum clock frequency accommodates medium-speed digital protocols and allows headroom for timing margins in timing-sensitive applications. The 74AVC16244 output buffer ensures consistent drive capability across all channels.

Typical Applications This data pod addresses functional and timing verification of digital circuits including microcontrollers, ASICs, and digital signal processors. Multi-pod configurations support parallel stimulus generation for high-channel-count test scenarios. The 3.3 V compatibility aligns with modern low-voltage digital device families.

Compatibility & Integration The 10483A mates exclusively with Agilent Technologies 16720A and 1670G-004 pattern generators. Connection to the pattern generator requires the recommended 10498A lead set or equivalent compatible interconnect. Modular pod architecture allows up to four data pods per generator for expanded channel capacity, each operating independently under the same master clock reference.

10483A Characteristics / Specifications

PARAMETER	VALUE
Model	10483A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 10483A
Sku	10483A
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	10483A
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	10483A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 10483A
Sku	10483A
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	10483A
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

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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.