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**Data Sheet**

August 15, 2026

AGILENT / KEYSIGHT

# Agilent/Keysight N4334B nanoVTEP Signal Conditioner Card

Agilent Keysight N4334B nanoVTEP Signal Conditioner Card Queue model N4334B is the Keysight N4334B nanoVTEP signal-conditioner card for vectorless in-circuit test. OEM nanoVTEP listings place N4334B as the conditioner between nanoVTEP amplifiers/probes and the ICT receiver. Exact channel count, bandwidth, and connector are on the N4334B card drawing and are not invented here. Sibling N4348B is the NanoVTEP/ConnectCheck conditioner. Condition nanoVTEP sense signals in ICT fixtures that specify N4334B. Queue model N4334B is the Keysight N4334B nanoVTEP signal-conditioner card for vectorless in-circuit test. OEM nanoVTEP listings place N4334B as the conditioner between nanoVTEP amplifiers/probes and the ICT receiver. Exact channel count, bandwidth, and connector are on the N4334B card drawing and are not invented here. Sibling N4348B is the NanoVTEP/ConnectCheck conditioner. Condition nanoVTEP sense signals in ICT fixtures that specify N4334B. Sibling N4336A is the nanoVTEP amplifier pack Sibling N4348B is the ConnectCheck conditioner



MODEL

**Agilent / Keysight  
N4334B**

CALIBRATION

**Available on  
request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**N4334B**

LISTING

<https://aumictechlabs.com/products/n4334b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

**This unit**

The Agilent/Keysight N4334B is a network analyzer that provides comprehensive testing solutions for optical and electrical components. With its wide frequency range, it delivers precise and reliable measurements. This network analyzer can meet the demands of both research and development as well as manufacturing environments. Its advanced features enable engineers and technicians to thoroughly analyze and optimize the performance of various components and systems.

## N4334B Characteristics / Specifications

| PARAMETER            | VALUE                                                                |
|----------------------|----------------------------------------------------------------------|
| Model                | N4334B                                                               |
| Instrument Type      | nanoVTEP signal conditioner card                                     |
| Manufacturer         | Keysight Technologies                                                |
| Literature           | Keysight N4334B nanoVTEP signal conditioner card listing             |
| Family               | Keysight nanoVTEP in-circuit test                                    |
| Form Factor          | ICT signal conditioner card                                          |
| System Role          | nanoVTEP signal conditioner card                                     |
| Brand Lineage        | Agilent / Keysight                                                   |
| Queue Title          | Agilent/Keysight N4334B                                              |
| Documentation Type   | OEM N4334B listing                                                   |
| Use Case             | Condition nanoVTEP sense signals in ICT fixtures that specify N4334B |
| Vendor Path          | Keysight Technologies                                                |
| Year Class           | N4334B generation                                                    |
| Application Class    | nanoVTEP signal conditioner card                                     |
| Module Class         | nanoVTEP signal conditioner card                                     |
| Host Class           | Keysight ICT receiver / nanoVTEP path                                |
| Connector Class      | connectors on the N4334B drawing                                     |
| Ate Class            | vectorless in-circuit test                                           |
| Control Class        | N4334B front panel / firmware                                        |
| Environment Class    | ambient on the N4334B sheet                                          |
| Mains Class          | mains on the N4334B nameplate                                        |
| Voltage Class        | volts on the N4334B nameplate                                        |
| Current Class        | amperes on the N4334B nameplate                                      |
| Sibling Amplifier    | N4336A nanoVTEP amplifier pack of 50                                 |
| Sibling Connectcheck | N4348B NanoVTEP/ConnectCheck signal conditioner card                 |

# N4334B Specifications

| PARAMETER                                                | VALUE                                                                 |
|----------------------------------------------------------|-----------------------------------------------------------------------|
| Agilent Keysight N4334B nanoVTEP Signal Conditioner Card | Overview                                                              |
| Applications                                             | Condition nanoVTEP sense signals in ICT fixtures that specify N4334B. |
| Key Features                                             | N4334B nanoVTEP signal conditioner card                               |
| Vectorless ICT receive path                              | Sibling N4336A is the nanoVTEP amplifier pack                         |
| Technical Specifications                                 | Model: N4334B                                                         |

# 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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| Family               | Keysight nanoVTEP in-circuit test                                    |
| Form Factor          | ICT signal conditioner card                                          |
| System Role          | nanoVTEP signal conditioner card                                     |
| Brand Lineage        | Agilent / Keysight                                                   |
| Queue Title          | Agilent/Keysight N4334B                                              |
| Documentation Type   | OEM N4334B listing                                                   |
| Use Case             | Condition nanoVTEP sense signals in ICT fixtures that specify N4334B |
| Vendor Path          | Keysight Technologies                                                |
| Year Class           | N4334B generation                                                    |
| Application Class    | nanoVTEP signal conditioner card                                     |
| Module Class         | nanoVTEP signal conditioner card                                     |
| Host Class           | Keysight ICT receiver / nanoVTEP path                                |
| Connector Class      | connectors on the N4334B drawing                                     |
| Ate Class            | vectorless in-circuit test                                           |
| Control Class        | N4334B front panel / firmware                                        |
| Environment Class    | ambient on the N4334B sheet                                          |
| Mains Class          | mains on the N4334B nameplate                                        |
| Voltage Class        | volts on the N4334B nameplate                                        |
| Current Class        | amperes on the N4334B nameplate                                      |
| Sibling Amplifier    | N4336A nanoVTEP amplifier pack of 50                                 |
| Sibling Connectcheck | N4348B NanoVTEP/ConnectCheck signal conditioner card                 |

#### Notes

From remaining-queue title Agilent/Keysight N4334B nanoVTEP signal conditioner card. Channel count, bandwidth, and connector are on the N4334B drawing.

### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: [sales@aumictech.com](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

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NIST-traceable calibration · SAM registered ·  
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.