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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 1134B

Agilent Keysight 1134B InfiniiMax Probe Amplifier greater than 7 GHz The Agilent/Keysight 1134B is the B-revision InfiniiMax probe amplifier. OEM Infiniium probe datasheet 5989-6162 / 1130A-1134A user's guide list greater than 7 GHz bandwidth, 60 ps 10-90 percent rise time, 50 kohm differential / 25 kohm single-ended input resistance, and plus or minus 2.5 V dynamic range. System bandwidth 6 GHz with DSO/DSA90604A / 54855 class scopes. High-speed differential or single-ended probing of digital and RF interconnects on Infiniium oscilloscopes using InfiniiMax solder-in, browser, and socketed heads. The Agilent/Keysight 1134B is the B-revision InfiniiMax probe amplifier. OEM Infiniium probe datasheet 5989-6162 / 1130A-1134A user's guide list greater than 7 GHz bandwidth, 60 ps 10-90 percent rise time, 50 kohm differential / 25 kohm single-ended input resistance, and plus or minus 2.5 V dynamic range. System bandwidth 6 GHz with DSO/DSA90604A / 54855 class scopes. High-speed differential or single-ended probing of digital and RF interconnects on Infiniium oscilloscopes using InfiniiMax solder-in, browser, and socketed heads.



MODEL

**Agilent / Keysight
1134B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

1134B

LISTING

<https://aumictechlabs.com/products/1134b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight/Agilent 1134B InfiniiMax is a 7 GHz active differential probe engineered for high-speed signal acquisition in embedded designs. It delivers ultra-low loading on the Device Under Test through exceptionally low input capacitance and flat frequency response, making it an ideal

complement to Infiniium 6 GHz oscilloscopes. The probe employs patented resistor probe tip technology to ensure superior signal fidelity across demanding measurement scenarios.

Technical Specifications
Bandwidth: 7 GHz
Input Characteristics: Differential Input Resistance: 50 k Ω
Differential Input Capacitance: 0.27 pF to 0.34 pF
Single-Ended Input Resistance: 25 k Ω
Single-Ended Input Capacitance: 0.44 pF to 0.67 pF
Voltage Specifications: Maximum Input Voltage: ± 30 V peak (mains isolated)
Dynamic Range: ± 2.5 V DC
Offset Range: ± 12 V
Attenuation: 10:1 or 10:1 / 5:1 selectable
Physical Characteristics: Length: 53.28 IN
Height: 0.95 IN
Width: 0.56 IN
Weight: 1.52 LBS

Key Features
Extremely low input capacitance minimizes DUT loading
Patented resistor probe tip technology for signal integrity
 ± 30 V peak maximum input voltage rating with mains isolation
AutoProbe Interface for automatic oscilloscope configuration
RoHS compliant design
Direct successor to 1134A with identical form, fit, function, and pricing

Typical Applications
High-speed differential signal probing in embedded system design and validation. Suitable for applications requiring minimal circuit loading and accurate broadband measurements to 7 GHz.

Compatibility & Integration
Designed for Infiniium oscilloscopes with 6 GHz bandwidth. AutoProbe Interface enables automatic instrument configuration. Compatible with extensive probe head and accessory lineup. Supports use with N1022A probe adaptor for Infiniium 86100A Digital Communication Analyzer or with 1143A external power supply.

1134B Characteristics / Specifications

PARAMETER	VALUE
Model	1134B
Instrument Type	InfiniiMaxIprobe amplifier
Bandwidth	greater than 7 GHz
Rise Fall Time 10 To	60 ps
Differential Input Resistance	50 kohm plus or minus 1 percent
Single Ended Input Resistance	25 kohm plus or minus 1 percent
Input Capacitance Cm	0.1 pF between tips
Input Capacitance Cg	0.34 pF each tip to ground
Differential Mode Capacitance	0.27 pF (Cm + Cg/2)
Single Ended Capacitance	0.44 pF (Cm + Cg)
Input Dynamic Range	plus or minus 2.5 V
Common Mode Range Dc To 100 Hz	plus or minus 6.75 V
Common Mode Range Above 100 Hz	plus or minus 1.25 V
Dc Attenuation	10:1 plus or minus 3 percent before cal, plus or minus 1 percent after cal
Offset Range Single Ended	plus or minus 12.0 V
Noise Referred To Input	3.0 mV rms
Propagation Delay	about 6 ns (deskewable)
Maximum Input Voltage	30 V peak CATIEsd Tolerance: greater than 8 kV from 100 pF 300 ohm HBM
Maximum Slew Single Ended	18 V/ns
Maximum Slew Differential	30 V/ns
Probe Interface	AutoProbe
Manufacturer	HP Agilent Keysight
Attenuation	10:1 plus or minus 3 percent before cal, plus or minus 1 percent after cal

1134B Specifications

PARAMETER	VALUE
Key Features	greater than 7 GHz InfiniiMax I amplifier (B revision)
AutoProbe interface power and identification	Works with InfiniiMax I probe heads (solder-in, browser, socketed)
Technical Specifications	Model: 1134B

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	
Technical Specifications	
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Notes

From Keysight Infiniium Oscilloscope Probes and Accessories data sheet InfiniiMax 1130A/31A/32A/34A table applied to 1134B B-revision amplifier. System bandwidth depends on the paired Infiniium oscilloscope.

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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NIST-traceable calibration · SAM registered ·
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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.