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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 1132B

Agilent Keysight 1132B InfiniiMax Probe Amplifier greater than 5 GHz The Agilent/Keysight 1132B is the B-revision InfiniiMaxIprobe amplifier. OEM Infiniium probe datasheet 5989-6162 / 1130A-1134A user's guide list greater than 5 GHz bandwidth, 86 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 4 GHz with DSO/DSA90404A 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 1132B is the B-revision InfiniiMaxIprobe amplifier. OEM Infiniium probe datasheet 5989-6162 / 1130A-1134A user's guide list greater than 5 GHz bandwidth, 86 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 4 GHz with DSO/DSA90404A 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
1132B****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****1132B****LISTING**<https://aumictechlabs.com/products/1132b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight 1132B is a 5 GHz active differential probe amplifier engineered for high-speed signal acquisition in embedded system design and validation. This InfiniiMax probe amplifier delivers superior signal fidelity through extremely low input capacitance and flat frequency response,

minimizing loading effects on the device under test. The 1132B is the RoHS-compliant successor to the 1132A, maintaining equivalent form, fit, and function across the InfiniiMax 1130B-34B Series platform. Technical Specifications Bandwidth: 5 GHz Attenuation Ratio: 10:1 / 5:1 Dynamic Range: ± 2.5 V Maximum Input Voltage: ± 30 V peak (mains isolated circuits) DC Offset Range: ± 12 V (with probe offset) Differential Input Impedance: 50 k Ω resistance, 0.27–0.34 pF capacitance Single-Ended Input Impedance: 25 k Ω resistance, 0.44–0.67 pF capacitance Weight: 0.46 kg Interface: AutoProbe Compliance: RoHS compliant Key Features Patented resistor probe tip technology for minimal DUT loading Dual attenuation modes (10:1 and 5:1) for signal optimization across measurement ranges ± 12 V DC offset capability enables AC signal isolation and baseline shifting ± 30 V peak overload rating on mains-isolated circuits ensures protection during transient events Extremely low input capacitance (0.27–0.34 pF differential) preserves signal integrity on high-impedance nodes Typical Applications High-speed digital debug and characterization in microcontroller and FPGA designs, differential signal measurements in SerDes and low-voltage signaling circuits, embedded system validation where probe loading must be minimized. Compatibility & Integration The 1132B integrates with Infiniium 4 GHz oscilloscopes and a broad range of Infiniium and InfiniiVision series platforms, including 3000X, 4000X, 5000A, 6000A, 7000A, S-series, 90000A, and legacy 8000A instruments. Adapter support includes N5442A (90000 V/X/Z/Q series) and N1022B (86100D). A comprehensive accessory ecosystem provides mechanical flexibility through probe heads, differential and single-ended connectivity kits, browser assemblies, positioners, and solderable tip sets (E2677A, E2677B, E2678A, MX0100A, MX0103A).

1132B Characteristics / Specifications

PARAMETER	VALUE
Model	1132B
Instrument Type	InfiniiMaxIprobe amplifier
Bandwidth	greater than 5 GHz
Rise Fall Time 10 To	86 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

1132B Specifications

PARAMETER	VALUE
Key Features	greater than 5 GHz InfiniiMax I amplifier (B revision)
AutoProbe interface power and identification	Works with InfiniiMax I probe heads (solder-in, browser, socketed)
Technical Specifications	Model: 1132B

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	
PARAMETER	VALUE
Model	1132B
Instrument Type	InfiniiMax I probe amplifier
Bandwidth	greater than 5 GHz
Rise Fall Time 10 To 90	86 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
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Common Mode Range Above 100 Hz	plus or minus 1.25 V
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Probe Interface	AutoProbe
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Specifications	

PARAMETER	VALUE
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Instrument Type	InfiniiMaxIprobe amplifier
Bandwidth	greater than 5 GHz
Rise Fall Time 10 To 90	86 ps
Differential Input Resistance	50 kohm plus or minus 1 percent
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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)
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Notes

From Keysight Infiniium Oscilloscope Probes and Accessories data sheet InfiniiMax 1130A/31A/32A/34A table applied to 1132B 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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.