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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight CX1151A

Keysight CX1151A Passive Probe Interface Adapter for CX3300A The CX1151A is the CX3300A Device Current Waveform Analyzer passive-probe voltage adapter. OEM CX3300A datasheet Table 33 lists 300 MHz maximum bandwidth (adapter standalone; effective BW combines mainframe and probe), 1 M ohm plus or minus 0.1 percent // 13 pF input, DC or AC (3.5 Hz) coupling, plus or minus 100 V peak (DC+AC) maximum input, and 16-bit ranges from 8 V (5 mV rms noise, plus or minus 16 V offset) down to 80 mV (90 uV rms). Envelope 58.6 mmWx 30.2 mmHx 87.5 mm D, 130 g. Recommended 10:1 probe N2843A; mainframe detects 1:1 / 10:1 / 20:1 / 100:1 ratios. DC accuracy after user cal at 23 plus or minus 5 C, 16-bit ADC, 8 V range: plus or minus (0.3 percent + 0.4 percent). The CX1151A is the CX3300A Device Current Waveform Analyzer passive-probe voltage adapter. OEM CX3300A datasheet Table 33 lists 300 MHz maximum bandwidth (adapter standalone; effective BW combines mainframe and probe), 1 M ohm plus or minus 0.1 percent // 13 pF input, DC or AC (3.5 Hz) coupling, plus or minus 100 V peak (DC+AC) maximum input, and 16-bit ranges from 8 V (5 mV rms noise, plus or minus 16 V offset) down to 80 mV (90 uV rms). Envelope 58.6 mmWx 30.2 mmHx 87.5 mm D, 130 g. Recommended 10:1 probe N2843A; mainframe detects 1:1 / 10:1 / 20:1 / 100:1 ratios. DC accuracy after user cal at 23 plus or minus 5 C, 16-bit ADC, 8 V range:



MODEL

**Agilent / Keysight
CX1151A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

CX1151A

LISTING

<https://aumictechlabs.com/products/cx1151a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The CX1151A is a passive probe interface adapter that enables voltage waveform measurements on Keysight CX3300 series Device Current Waveform Analyzers. By connecting passive probes to the CX3300 mainframe, this adapter expands the system's analytical capability beyond current waveform analysis to include simultaneous voltage measurements for comprehensive power waveform characterization.

Technical Specifications
Input Impedance: 1 M Ω
Maximum Input Voltage: ± 100 V peak

Key Features
Interfaces standard Keysight passive probes with CX3300 series analyzers
High input impedance minimizes loading effects on measured circuits
Rated for voltage signals up to ± 100 V peak
Extends CX3300 measurement capabilities for dual-parameter power analysis

Typical Applications
Voltage waveform acquisition synchronized with device current measurements
Power supply and converter characterization
Transient analysis requiring simultaneous voltage and current data
Multi-channel power device testing on CX3300 platforms

Compatibility & Integration
The CX1151A connects directly to CX3300 series Device Current Waveform Analyzers and accepts Keysight passive probes. The N2843A passive probe is specifically recommended for optimal performance. Additional compatible Keysight passive probe models are supported, allowing flexibility in probe selection based on measurement requirements and frequency content of target signals.

CX1151A Characteristics / Specifications

PARAMETER	VALUE
Model	CX1151A
Instrument Type	Passive probe interface adapter
Host Analyzer	CX3300A Device Current Waveform Analyzer
Maximum Bandwidth	300 MHz adapter standalone (minus 3 dB)
Input Impedance	1 M ohm plus or minus 0.1 percent, 13 pF
Input Coupling	DC or AC (3.5 Hz)
Maximum Input	plus or minus 100 V peak (DC plus AC)
Range EightVNoise	5 mV rms; offset plus or minus 16 V, 16-bit
Range FourVNoise	2.8 mV rms
Range One SixVNoise	1.8 mV rms
Range Four Hundred Mv Noise	250 uV rms
Range Two Hundred Mv Noise	140 uV rms; offset plus or minus 0.8 V, 16-bit
Range Eighty Mv Noise	90 uV rms
Dc Accuracy Eight V	plus or minus (0.3 percent + 0.4 percent) after user cal 16-bit ADC 23 plus or minus 5 C
Width	58.6 mm
Height	30.2 mm
Depth	87.5 mm
Mass	130 g
Recommended Probe	N2843A 10:1
Supported One To One	10070D, N2870A
Supported Twenty To One	N2875A
Supported Hundred To One	10076C
Manufacturer	HP Agilent Keysight
Literature	Keysight CX3300A Series datasheet CX1151A characteristics
Adc Class	14-bit or 16-bit on CX3300A mainframe

PARAMETER	VALUE
Bandwidth	300 MHz adapter standalone (minus 3 dB)

CX1151A Specifications

PARAMETER	VALUE
Applications	Voltage waveform capture on CX3300A current-waveform analyzers using standard passive probes while retaining 14/16-bit ADC resolution.
Key Features	300 MHz adapter bandwidth class
Plus or minus 100 V peak maximum	16-bit ranges 8 V to 80 mV
Technical Specifications	Model: CX1151A

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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Notes

From Keysight CX3300A Series Device Current Waveform Analyzer datasheet (CX1151A characteristics overview, DC accuracy tables, general information). Effective system bandwidth is the RSS combination of mainframe, adapter, and probe; do not invent a single combined MHz figure.

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 ·
30-day returns
NAICS 423690 · 811210 · 541380
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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.