

KEYSIGHT TECHNOLOGIES (AGILENT HP)

E5346A

The Keysight/Agilent E5346A is a 34-channel single-ended Mictor probe designed to connect logic analyzers to target systems using a 38-pin Mictor connector. It includes isolation networks at the probe tip to maintain signal integrity and provides a reliable connection for state and timing analysis.

SPECIFICATIONS

General

Interfaces	38-pin Mictor (target connection), 40-pin connector (logic analyzer side)
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Physical

Operating Temperature	0 to 55 °C
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Channel and Input Characteristics

Total Number of Channels	34
Data Channels	32 single-ended
Clock/Strobe Channels	2 single-ended
Signal Type Support	Single-ended
Input Impedance (Resistance)	100 kΩ
Equivalent Load Capacitance	3.0 pF
Minimum Voltage Swing	500 mVp-p
Maximum Input Voltage	±40 V peak

Target Connectivity and Interface

Target Connection Type	38-pin Mictor connector
Target Connector Pin Count	38
Target Footprint Specification	38-pin Mictor footprint

Instrument Compatibility

Compatible Logic Analyzer Interface	Logic analyzers with 40-pin cable connectors
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Environmental

Operating Altitude	Up to 4,600 m
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Performance

Propagation Delay	1.5 ns
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Compatibility

Compatible Logic Analyzers	Keysight/Agilent logic analyzers with 40-pin cable connectors
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TECHNOLOGY

Logic Analysis Probing

APPLICATIONS

Digital system debug, state and timing analysis using logic analyzers

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.