

KEYSIGHT TECHNOLOGIES (AGILENT HP)

DSA91204A

The Keysight Technologies (formerly Agilent) DSA91204A is a high-performance Digital Signal Analyzer belonging to the Infiniium DSA90000A Series. Designed for debug, compliance testing, and signal integrity analysis, it delivers 12 GHz of analog bandwidth, a real-time sampling rate of 40 GSa/s across all 4 channels, and standard clock recovery and jitter analysis software to support high-speed serial bus designs.

SPECIFICATIONS

Vertical System

Analog Bandwidth (-3 dB)	12 GHz
Input Channels	4
Input Coupling	DC
Vertical Resolution	8-bit
Input Sensitivity Range	1 mV/div to 1 V/div

Horizontal System

Timebase Range	5 ps/div to 20 s/div
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Acquisition System

Maximum Real-Time Sampling Rate (1 Channel)	40 GSa/s
Maximum Real-Time Sampling Rate (2 Channels)	40 GSa/s
Maximum Real-Time Sampling Rate (4 Channels)	40 GSa/s
Standard Memory Depth	50 Mpts per channel
Maximum Upgraded Memory Depth	1 Gpts per channel

Computer System and Display

Display Resolution	1024 × 768 pixels
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Connectivity

LAN Port Speed	10/100/1000 Base-T
GPIO Interface	IEEE 488.2 compliant

Compliance

Safety Compliance	IEC 61010-1, CAN/CSA-C22.2 No. 61010-1, UL 61010-1
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TECHNOLOGY

Digital Storage Oscilloscope (DSO) / Digital Signal Analyzer (DSA)

APPLICATIONS

High-speed serial bus compliance testing, signal integrity analysis, jitter analysis, and RF/microwave signal debug

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