

KEYSIGHT TECHNOLOGIES (AGILENT HP)

81134A

The Keysight (Agilent) 81134A is a dual-channel pulse/pattern generator from the 81100 Family designed for high-speed serial interface testing up to 3.35 GHz. It combines hardware-based PRBS generation with deep memory-based pattern generation and offers fast edges, low jitter features, and SMA I/O connectivity.

SPECIFICATIONS

General

Family / series	81100 Family
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Channels and Outputs

Number of output channels	2
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Timing Specifications

Data rate range	15 MHz - 3.35 GHz
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Levels and Waveforms

Variable cross-over point	Adjustable
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Output amplitude range	50 mV to 2 V
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Pattern Generation and Sequencing

Pattern generation types	Hardware-based PRBS; memory-based patterns
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PRBS sequence lengths	2^5-1 to $2^{31}-1$
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TECHNOLOGY

Hardware-based PRBS and memory-based pattern generation

APPLICATIONS

High-speed serial test patterns for Infiniband, PCI Express, and Serial ATA

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