ARBITRARY WAVEFORM GENERATOR

AT A GLANCE

- Free programmable arbitrary waveform generator for up to 34 GSa/s and 6 bit resolution
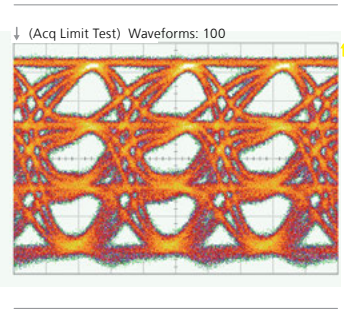
Lead Customers

XTERA

FUJITSU

CISCO

Features

- High bandwidth
- Free programmable
- Built-in PRBS sequence generator
- Modular architecture
- Synchronisation between multiple devices
- Small form factor

Applications

- Generation of higher-order modulation formats
- Generation of OFDM signals
- Test and measurement
- Generation of wideband signals

↓ (Acq Limit Test) Waveforms: 100

34 GSa/s

Specifications

Sampling rate	up to 34 GSa/s
Number of channels per device	1
Number of synch. channels	up to 16
Resolution	6 bit
Memory	16 Mbit per channel
Bandwidth	typ. 18 GHz

- USB interface for remote control

- Matlab interface

- Signal generation toolbox for higher-order modulation formats and OFDM signals

- Clock input enables precision according to customer's needs

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MICRAM

The Fraunhofer HHI

One of the prime research and development foci of the Fraunhofer Heinrich Hertz Institute lies in photonic networks, components and systems and their application in fields such as digital media.

Contact

Photonic Networks and Systems
Fraunhofer Heinrich Hertz Institute

Einsteinufer 37 | 10587 Berlin | Germany

Tel +49 30 31002-414
Fax +49 30 31002-250
AWG@hhi.fraunhofer.de

http://www.hhi.fraunhofer.de/awg

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