

ZT4210

Digital Storage Oscilloscope



Key Specifications

Platforms:
PCI, PXI, VXI, LXI

Channels:
2, 4

Resolution:
8 Bit

Bandwidth:
300 MHz

Max Sample Rate:
1 GS/s

Max Record
Length:
256M Samples



- Bandwidth & fast sampling for a variety of applications
 - 300 MHz typical analog bandwidth, 250 MHz minimum
 - Real-time sampling up to 1 GS/s interleaved or 500 MS/s non-interleaved
 - Equivalent and interpolated sampling up to 100 GS/s
- On-board memory with up to 256M sample record length (128M samples/channel)
 - Continuous memory mode for deep waveform capture
 - Segmented memory mode for analysis of repetitive signals and statistical analysis
- Direct inputs of +/- 300 Vpeak (CAT II)
- Input ranges from 1.25 mV/div to 40 V/div (10 vertical divisions)
- On-board calculation of over 40 waveform parameters related to voltage, time, and frequency (FFT)
- Four calculation channels for waveform math, digital filtering, FFT, and more
- Four non-volatile reference channels for storing and comparing waveforms
- High-speed data transfer rates up to full bus bandwidth specifications