

T3DSO1000HD Fact Sheet

Digital Oscilloscope

100 MHz – 200 MHz 12-bit High Resolution



Key Specifications

Bandwidth	100 MHz and 200 MHz Bandwidth models
Channels	4 analog channels + EXT
Memory	100 Mpts/ch (interleaving mode), 50 Mpts/ch (non-interleaving mode)
Sample Rate (Max)	2 GS/s (interleaving mode), 1 GS/s (non-interleaving mode)
Display	10.1" display with 1024x600 resolution
External Wave Gen	Up to 25 MHz

Tools for Improved Debugging

- ✔ **12-bit ADC** – combined with low noise front end provides excellent noise performance.
 ✔ **Get better insight on the signal being measured with minimal noise interference.**
- ✔ **Waveform Capture** – rate up to 120,000 wfms/s, and 500,000 wfms/s
 ✔ **Capture more time and show more waveform detail.**
- ✔ **Math and Measure** – 9 basic math functions plus FFT and 50+ automatic measurement parameters.
 ✔ **Extract results from waveforms and measurements.**
- ✔ **Built-in web server** – supports remote control over LAN port.
 ✔ **Save data for external analysis and screen images for reports.**
- ✔ **History** – record function, the maximum recorded waveform length is 80,000 frames.
 ✔ **Replay the changing waveform history.**
- ✔ **Includes Bode Plot and Power Analysis applications as standard.**
✔ **Common applications coverage as standard.**
- ✔ **MSO** – optional 16 Digital Channel Logic Probe available.
 ✔ **Add mixed signal debugging to your Oscilloscope.**

For more information, please contact:

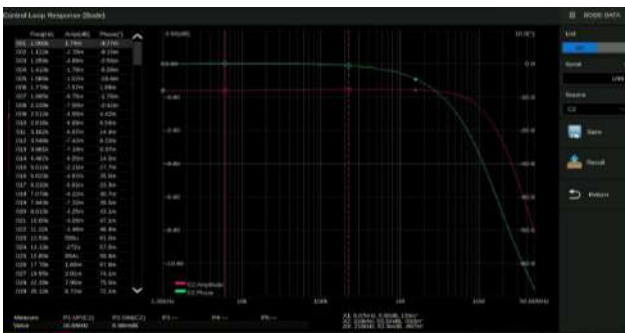


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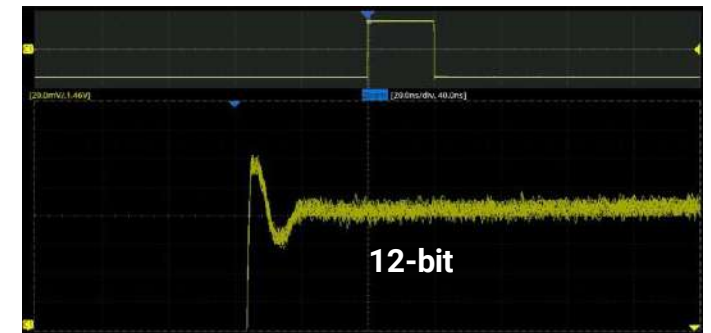
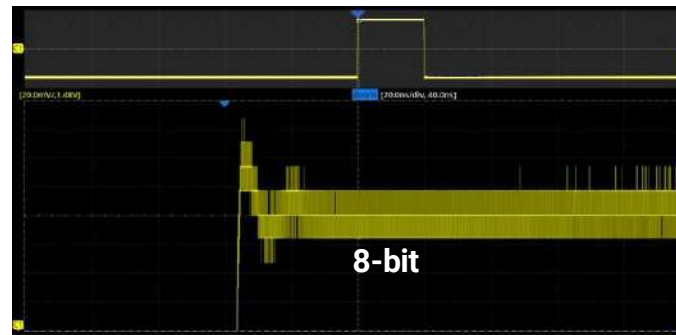
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T3DSO1000HD Functions & Characteristics

1 Bode Plot



2 12-bit High Resolution

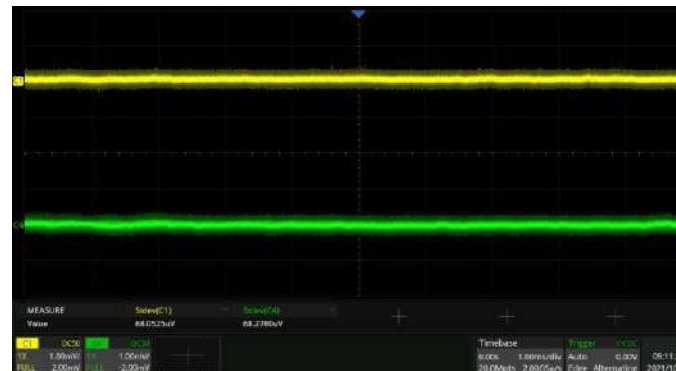


12-bit resolution shows you more details and less noise on the waveform.

3 Serial Trigger and Decode

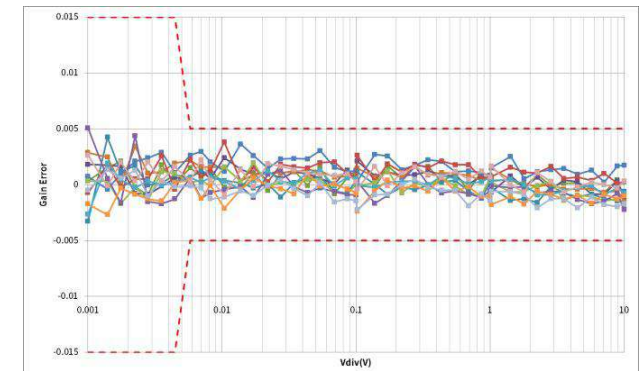


4 High Performance Front-end



Low noise floor: Only 70 μ Vrms at 200 MHz bandwidth

5 Superb DC Gain Accuracy



0.5 % DC gain accuracy

Excellent User Interface and User Experience

10.1" display with 1024x600 Resolution, Capacitive Touch Screen, Built-in WebServer, Digital Channels (optional), etc.