

T3DSO3000HD Fact Sheet

Digital Oscilloscope

200 MHz – 1 GHz

12-bit High Resolution



Key Specifications

Bandwidth	200 MHz, 350 MHz, 500 MHz and 1GHz Bandwidth models
Channels	4 analog channels + EXT
Memory	400 Mpts/ch interleaving, 200 Mpts/ch non-interleaving.
Sample Rate (Max)	4 GS/s (interleaving mode), 2 GS/s (non-interleaving)
Display	10.1" display with 1024x600 resolution.
External Waveform Generator	Up to 50 MHz

Tools for Improved Debugging

- ✓ **12-bit Analog** – Digital Converters with sample rate up to 4 GS/s.
 ✓ **Get better insight on the signal being measured with minimal noise interference.**
- ✓ **Long Capture** – 400 Mpts/Ch interleaving, 200 Mpts/ch non-interleaving
 ✓ **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 Probe available.
 ✓ **Add mixed signal debugging to your Oscilloscope**

For more information, please contact:

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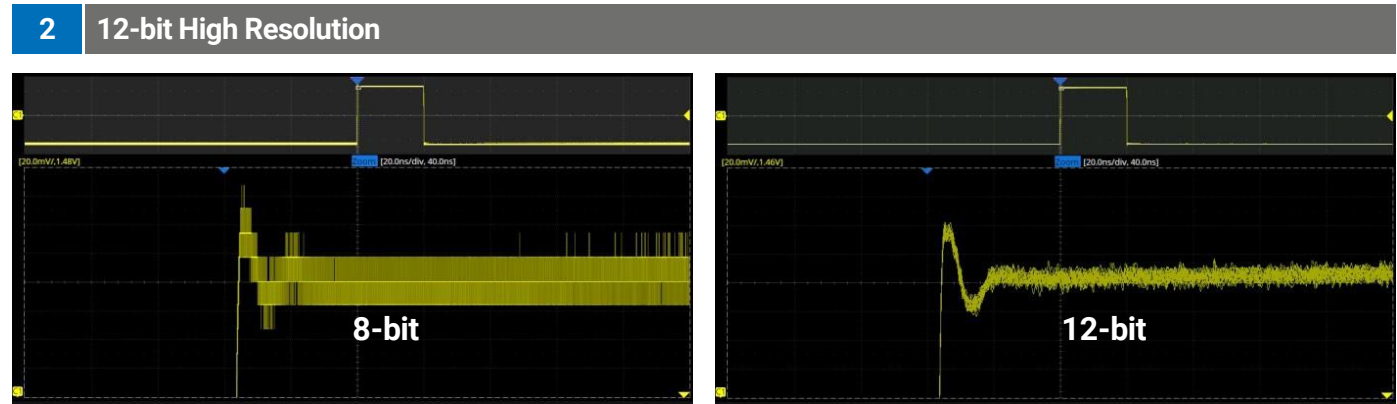
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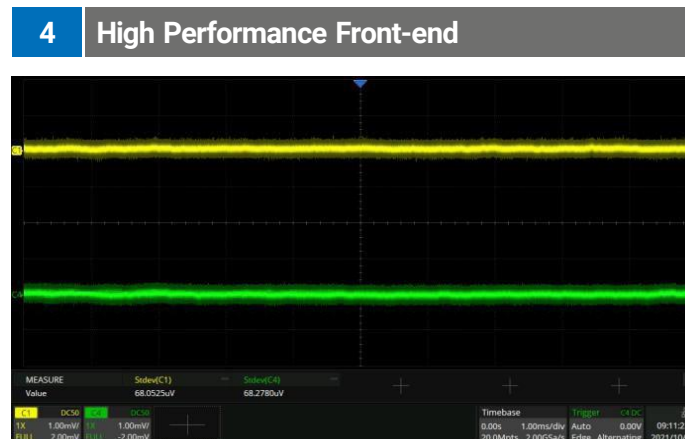
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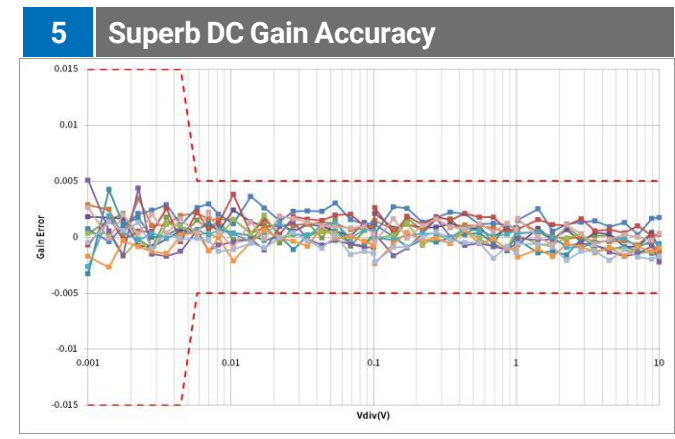
T3DSO3000HD Functions & Characteristics



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



Low noise floor: Only 125 μ Vrms at 1 GHz bandwidth



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.