

T3DSO2000HD Fact Sheet

Digital Oscilloscope

100 MHz – 350 MHz 12-bit High Resolution



Key Specifications

Bandwidth	100 MHz, 200 MHz and 350 MHz Bandwidth models
Channels	4 analog channels, up to 350 MHz bandwidth
Memory	200 Mpts/ch (interleaving mode), 100 Mpts/ch (non-interleaving mode)
Sample Rate (Max)	2 GSa/s (interleaving mode), 1 GSa/s (non-interleaving mode)
Display	10.1" display with 1024x600 resolution
Waveform Generator	Built-in 25 MHz Waveform Generator

Tools for Improved Debugging

- 12-bit Analog-Digital Convertors** with sample rate up to 2 GSa/s.
 - ✓ Get better insight on the signal being measured with minimal noise interference.
- Long Capture** – 100 Mpts/Ch and 200 Mpts interleaved.
 - ✓ 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** – 16 Digital Channel models available.
 - ✓ Add mixed signal debugging to your Oscilloscope.

For more information, please contact:

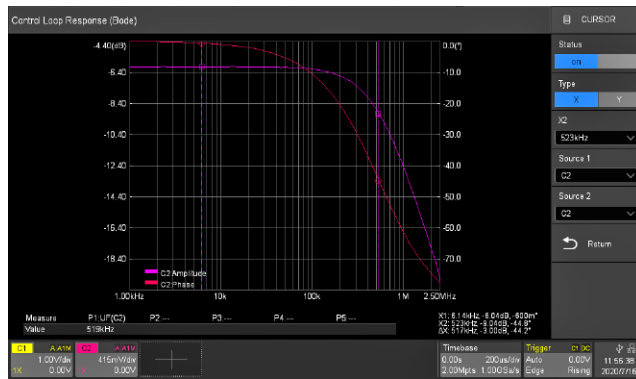


T3DS02000HD Fact Sheet

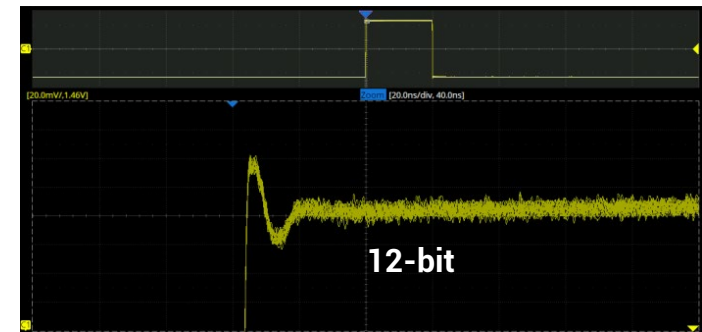
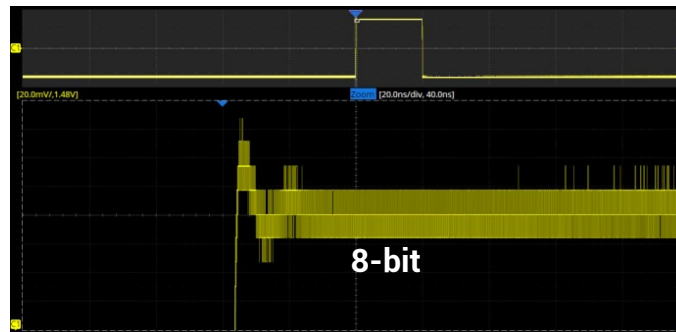
Digital Oscilloscope

T3DS02000HD Functions & Characteristics

1 Bode Plot

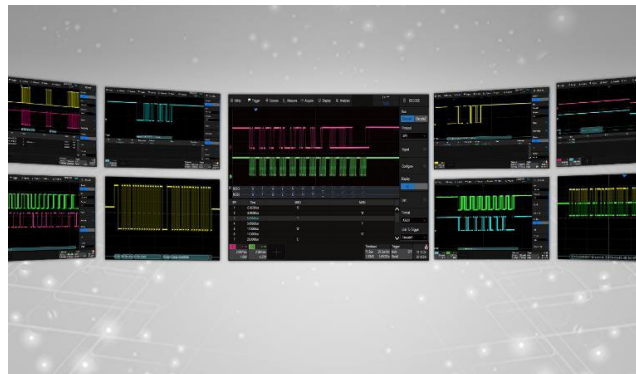


2 12-bit High Resolution

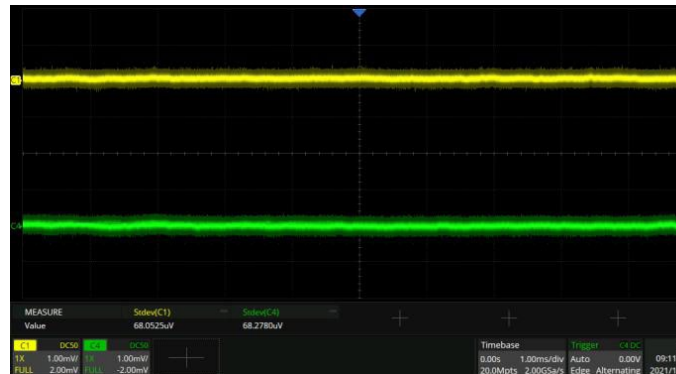


12-bit resolution shows you more details and less noise on the waveform.

3 Serial Trigger and Decode

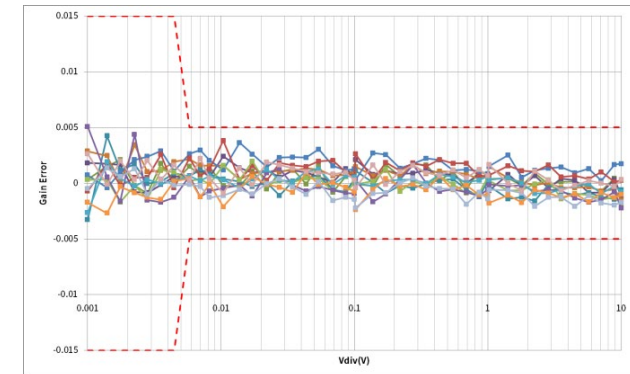


4 High Performance Front-end



Low noise floor. Only 70 µVrms at 500 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.