

# SIGLENT Technologies presents a new Flagship Oscilloscope

January 28, 2019

**The new SDS5000X series is available with a bandwidth up-to 1 GHz, a maximum sample rate of 5 GS/s, and a maximum acquisition memory of 250 Mpts. It features powerful data analysis and measurement features and is well equipped to solve the complex challenges of embedded circuit design.**

January 2019: SIGLENT Technologies is excited to introduce their new flagship oscilloscope, the SIGLENT SDS5000X. Available with bandwidths of 350, 500, and 1 GHz, and featuring a maximum sample rate of 5 GS/s, the 5000X is fast enough to capture the most elusive problems. It also features a substantial 250 Mpts of acquisition memory and a waveform-update rate of up-to 110,000 wfm/s. To help maintain high test speeds, many of its waveform analysis features are implemented in hardware.

The SDS5X includes a full digital trigger with qualified and zone triggering to help isolate faults more quickly. This technique enables a highly sensitive and accurate trigger control. It also includes a new low noise front end that delivers an industry leading vertical sensitivity of 500  $\mu\text{V}/\text{div}$ , making the SDS5X a perfect tool for debugging small signals.

One of the best features of this new platform is usability. The scope includes a large responsive 10.1" touch screen that includes smooth gesture operation and a clear layout that makes the scope extremely easy-to-use. For example, setting up the zone trigger is as simple as drawing a target around the waveform with your finger.

For multi-domain analysis, the oscilloscope has hardware-based frequency analysis utilizing up-to 2 Mpts for the FFT-calculation. This deep memory FFT provides higher frequency resolution than many other FFT based systems. Furthermore, the SDS5X can be upgraded to include MSO/16 digital channels and an external 25 MHz arbitrary waveform generator at any time.

For serial bus troubleshooting, the SDS5X includes free decoding on all low speed serial buses (RS232, CAN, LIN, and I2C) and can be upgraded with decoding kits for more specialized buses (CAN-FD, I2S, FlexRay and MIL1553B) at any time. The scope also features bandwidth upgrade options that give you the flexibility to get the performance you need at a price you can afford.

The price for the SDS5000X-E series starts at \$2899.

Download the product pictures from:

<https://mega.nz/#F!NxIDgYJD!RMb68sdyjvywwRNC4Ha-7A>

About:



SIGLENT TECHNOLOGIES started in 2002 with the development of their first oscilloscope. Now, the portfolio has rapidly expanded to cover many areas of general purpose test instrumentation, including oscilloscopes, signal and function generators, digital multimeters, lab power supplies, spectrum analyzers and RF-signal generators.

Today SIGLENT TECHNOLOGIES is a global leader producing electronic test and measurement equipment that combines innovative features and functionality with a strong commitment to quality and performance. SIGLENT is ISO 9001:2000 and ISO 14001:2004 certified for its product quality and environmental management programs.



### **North American Headquarters**

SIGLENT Technologies NA  
6557 Cochran Rd Solon, Ohio 44139  
Tel: 440-398-5800  
Toll Free: 877-515-5551  
Fax: 440-399-1211  
[info@siglent.com](mailto:info@siglent.com)  
[www.siglentamerica.com/](http://www.siglentamerica.com/)

### **European Sales Offices**

SIGLENT TECHNOLOGIES GERMANY GmbH  
Staetzlinger Str. 70  
86165 Augsburg, Germany  
Tel: +49(0)-821-666 0 111 0  
Fax: +49(0)-821-666 0 111 22  
[info-eu@siglent.com](mailto:info-eu@siglent.com)  
[www.siglenteu.com](http://www.siglenteu.com)

### **Asian Headquarters**

SIGLENT TECHNOLOGIES CO., LTD.  
Blog No.4 & No.5, Antongda Industrial Zone,  
3rd Liuxian Road, Bao'an District,  
Shenzhen, 518101, China.  
Tel: + 86 755 3661 5186  
Fax: + 86 755 3359 1582  
[sales@siglent.com](mailto:sales@siglent.com)  
[www.siglent.com/ens](http://www.siglent.com/ens)