

Tektronix Adds Industry's First Test Solution for New 10 Gbps SuperSpeed USB

Also Rolls out New Debug, Automated Test Tools to Help Reduce Time to Market for USB 3.0 Products

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BEAVERTON, Ore., June 25, 2013 /[PRNewswire](#)/ -- Tektronix, Inc., the world's leading manufacturer of oscilloscopes, today announced a series of enhancements to its [USB 3.0](#) test solutions including an industry first transmitter test solution for the SuperSpeedPlus 10 Gb/s specification. Other enhancements include a new USB 3.0 oscilloscope-based layered decode capability and an enhanced automated solution for SuperSpeed USB transmitter testing that improves test throughput by up to 60%.

(Logo: <http://photos.prnewswire.com/prnh/20130103/SF36616LOGO-b>)

With the faster data rates for USB 3.0 come new test challenges, most notably major increases in channel loss and reduction in signal to noise ratio as well as more complex link training and timing requirements that must be verified. As design margins shrink, it's more important than ever to have an accurate and standard specific measurement system available. All of these needs are fully met by the Tektronix SuperSpeedPlus USB test solution (option SSP).

"Just as important industry standards such as USB 3.0 evolve over time, it's critical that our test and measurement tools evolve as well," said Brian Reich, general manager, Performance Oscilloscopes, Tektronix. "The latest enhancements to our USB solutions enable engineers to verify compliance to the latest versions of the USB specification, seamlessly decode bus operation speeding debug efforts, and dramatically reduce test times while conducting automated compliance tests."

With tighter time constraints and more design complexity engineers need flexible tools that work across multiple layers of a bus to find problems faster. Tektronix USB 3.0 decode software simplifies debug with protocol-specific triggering, easy to use search and navigation, and multi-layer decode. This allows the user to easily navigate through the protocol stack, fully time correlated with the analog waveform on the same screen.

The new TekExpress USB automation software (Opt USB-TX) leverages Tektronix' years of USB compliance test expertise and at the same time incorporates a new software architecture that provides significantly improved performance. Customers will see improvements in test times of about 60 percent. For example, previously USB 3.0 Tx tests completed in 12 minutes, but now with the new TekExpress software testing completes in five minutes

"With over half a billion SuperSpeed USB products expected to be shipped by end of 2013, USB continues to be a leading interconnect for host and peripheral communication," said Jeff Ravencraft, USB-IF President and COO. "The support of leading test and measurement equipment providers such as Tektronix is critical to ensuring that our member companies are able to quickly bring certified USB 3.0 products and solutions to market."

Pricing & Availability

The new TekExpress USB 3.0 transmitter test software (Option USB-TX) and SuperSpeedPlus USB

transmitter test software (Option SSP) will both be available for download on www.tek.com in July 2013.

The new SuperSpeedPlus transmitter test software (Option SSP) will be available for download on www.tek.com in late July 2013.

The USB 3.0 decode will be a free upgrade for customers with a [DPO/DSA/MSO70000](#) Series Oscilloscope with option SR-USB which will be available in July 2013.

Wondering what else Tektronix is up to? Check out the Tektronix [Bandwidth Banter blog](#) and stay up to date on the latest news from Tektronix on [Twitter](#) and [Facebook](#).

About Tektronix

For more than sixty-five years, engineers have turned to [Tektronix](#) for test, measurement and monitoring solutions to solve design challenges, improve productivity and dramatically reduce time to market. Tektronix is a leading supplier of [test equipment](#) for engineers focused on electronic design, manufacturing, and advanced technology development. Headquartered in Beaverton, Oregon, Tektronix serves customers worldwide and offers award-winning [service](#) and [support](#). Stay on the leading edge at www.tektronix.com.

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