Tektronix Speeds Mobile Device Debug with SPMI Protocol Decode for 5 and 6 Series MSO Oscilloscopes

Solution Offers Easy Touch-based Setup, Power Management Bus Decode, Trigger and Search for Unparalleled Measurement Insight and Productivity

BEAVERTON, Ore., July 17, 2018 /PRNewswire/ -- Tektronix, Inc., a leading worldwide provider of measurement solutions, today introduced protocol decode, triggering and analysis support for the MIPI Alliance's System Power Management Interface (SPMI) for its 5 and 6 Series MSO mixed signal oscilloscopes. The new software option takes advantage of the leading-edge capabilities of these oscilloscopes including the productivity of touch-based setup, one of the industry's largest 15.6-in HD display for showing multiple buses and low-noise power rail voltages.

SPMI is used to connect processors in mobile devices to one or more power controllers and enables processors to dynamically increase or decrease power to specific subsystems for reduced power consumption. With Tektronix' SPMI decode option, users can easily decode bus activity, saving time and reducing frustration compared to attempting to decode bus activity manually. Bus sequences are displayed with clear color-coding indicating sequence starts, master IDs, commands, addresses, data, and acknowledgments.

"As our support for SPMI indicates, we are following through on our commitment to deliver long-term investment protection for both the 5 Series MSO and the new 6 Series MSO," said Brian Ice, general manager, Mainstream Oscilloscopes at Tektronix. "Now engineers working to reduce the power consumption of mobile devices can speed through debug and analysis tasks with exceptional convenience and confidence."

The SPMI software option goes beyond simple decode and gives users the ability to trigger the scope on specific bus activity and search through acquisitions. Other features include the ability to check bus sequence timing and compare bus activity to embedded software with a time-stamped decode table and to correlate bus activity with precision voltage and current measurements on voltage regulator outputs.

Pricing and Availability

The 5-SRPM and 6-SRPM options are available now and priced at $1,850 US MSRP each. For the full story on these solutions and the 5 Series MSO and the new 6 Series MSO mixed signal oscilloscope, go to: www.tek.com/spmi-decoding

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

Headquartered in Beaverton, Oregon, Tektronix delivers innovative, precise and easy-to-operate test, measurement and monitoring solutions that solve problems, unlock insights and drive discovery. Tektronix has been at the forefront of the digital age for over 70 years. Join us on the journey of innovation at TEK.COM.

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