Protocol Insight and Teledyne LeCroy collaborate to advance the adoption of UFS3.0 and MIPI high speed gear 4
With comprehensive protocol debug and compliance tools

Colorado Springs, Colorado, April 26, 2017 - Protocol Insight announces an agreement with Teledyne LeCroy to jointly develop and supply protocol debug and compliance solutions for the next generation of UFS/UniPro devices utilizing Protocol Insight's UFS/UniPro exerciser/analyzer technology.

Universal Flash Storage (UFS) is a significant advancement in flash memory technology, and is being adopted for mobile applications requiring very high-speed memory access. It provides more than five times faster sequential read performance compared to that of a typical microSD card, and 350 times higher random IOP write speed and twice the sequential write speed. This makes UFS the perfect solution for applications requiring fast read and write times such as digital photography, video streaming and mobile gaming. And with the upcoming migration of UFS devices from Gear3 at 5.9Gbps to Gear4 at 11.8Gbps the performance advantage will become even greater.

By leveraging the expertise from both companies Protocol Insight and Teledyne LeCroy will provide a comprehensive solution for testing the next generation of UniPro/UFS devices, allowing device designers and developers the ability to not only diagnose problems in their designs but to conduct conformance, compliance, margin and stress testing.

Teledyne LeCroy brings the strength of the worldwide leader in protocol test and data acquisition, as well as multiple probing capabilities to the agreement. Their expertise in high-speed probing and data acquisition will ensure effective probing data capture at the new 11.8Gbps speeds of MIPI M-PHY Gear4.

Protocol Insight's expertise in UniPro and UFS conformance and compliance testing adds unparalleled value as the UniPro/UFS market migrates to the next generation of MIPI M-PHY Gear 4.

About Protocol Insight:
Protocol Insight® (www.protocolinsight.com) offers test and measurement tools to customers who are developing products for the mobile computing market, and consulting and design services to engineers implementing serial protocol interfaces.

Protocol Insight is a MIPI expert, with a background in both D-PHY and M-PHY protocol exercisers and analyzers. Protocol Insight contributes to the development of the UniPro standard thru the UniPro and Test Working Groups, and serves as Liaison between MIPI and JEDEC and UFSA.

About Teledyne LeCroy
Teledyne LeCroy is a leading manufacturer of advanced oscilloscopes, protocol analyzers, and other test instruments that verify performance, validate compliance, and debug complex electronic systems quickly

and thoroughly. Since its founding in 1964, the Company has focused on incorporating powerful tools into innovative products that enhance "Time-to-Insight". Faster time to insight enables users to rapidly find and fix defects in complex electronic systems, dramatically improving time-to-market for a wide variety of applications and end markets. Teledyne LeCroy is based in Chestnut Ridge, N.Y. For more information, visit Teledyne LeCroy's website at teledynelecroy.com.

About UFSA
The Universal Flash Storage Association (UFSA) was founded in 2010 as an open trade association to promote widespread adoption and acceptance of the UFS standard. Board of Director members include Keysight Technologies, Micron Technology, Montage Technology, Phison Electronics, Samsung Electronics, Silicon Motion Technology and SK Hynix. For more information about UFSA: http://www.ufsa.org/

About the MIPI Alliance
The MIPI Alliance is a global, collaborative organization comprised of companies that span the mobile ecosystem and are committed to defining and promoting interface specifications for mobile devices.

The MIPI® Alliance is a non-profit corporation that operates as an open membership organization. All companies in the mobile device industry are encouraged to join, including semiconductor companies, software vendors, IP providers, peripheral manufacturers, test labs and end product OEMs. Today, more than 250 member companies actively participate in the Alliance, developing interface specifications which drive consistency in processor and peripheral interfaces, promoting reuse and compatibility in mobile devices.

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