Protocol Insight demonstrated UFS 3.1 traffic generation and protocol analysis during MIPI Alliance DevCon 2020

The Protocol Insight UFS 3.1 traffic generation and protocol analysis demonstration is now available for viewing on Protocol Insight's YouTube channel

Colorado Springs, Colorado, November 17, 2020 – Protocol Insight demonstrated UFS 3.1 traffic generation and analysis at the recent MIPI DevCon 2020 Virtual Event using the Falcon G450B UFS Protocol Analyzer and Exerciser.

The 10-minute demonstration followed the typical chronological test debug sequence, beginning with connection to the device under test (DUT), test setup, capturing a trace, and analysis of the results. Results analysis included the use of Trace Validation™ to analyze UFS Command / Response packet latency and set guard bands for pass/fail latency tests.

This demonstration, along with other in-depth videos, is now available on the Protocol Insight YouTube channel or by following this link.

The MIPI Alliance is a global standards organization serving industries that develop mobile and mobile-influenced devices. As mobile connectivity becomes increasingly pervasive, more industries are leveraging mobile technologies in their designs. These "mobile-influenced" sectors, such as the automotive industry and the burgeoning Internet of Things, are benefitting from the interface specifications MIPI Alliance provides.

UFS (Universal Flash Storage) is a high-performance memory interface designed for use in applications where power consumption needs to be minimized, including mobile systems such as smartphones and tablets as well as automotive applications. It utilizes the MIPI Alliance M-PHY® physical layer and UniPro[sm] link layer protocols and delivers significant improvements in throughput and system performance.

Pricing, configuration and availability
The Falcon G Series UFS 3.1/UniPro 1.8 Protocol Analyzers and Exerciser/Analyzers are shipping now. Go to http://www.protocolinsight.com or contact sales@protocolinsight.com for more information.

About Protocol Insight
Protocol Insight (www.protocolinsight.com) offers test and measurement tools to customers developing mobile and mobile-influenced products, and consulting and design services to engineers implementing serial protocol interfaces.

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

Protocol Insight are the UFS and UniPro market leaders for protocol analysis and generation, shipping UFS and UniPro debug and analysis tools since 2014 and shipping UFS 3.0 and UFS 3.1 M-PHY HS-G4 UFS protocol analyzers and exercisers since 2017. For more information visit www.protocolinsight.com.

About JEDEC
JEDEC is the global leader in the development of standards for the microelectronics industry. Thousands of volunteers representing nearly 300 member companies work together in over 100 JEDEC committees and task groups to meet the needs of every segment of the industry, manufacturers and consumers alike. The publications and standards generated by JEDEC committees are accepted throughout the world. All JEDEC standards are available for download from the JEDEC website. For more information visit www.jedec.org.

About the MIPI Alliance
MIPI Alliance (MIPI) develops interface specifications for mobile and mobile-influenced industries. There is at least one MIPI specification in every smartphone manufactured today. Founded in 2003, the organization is celebrating its 15th year of moving mobile forward with over 300 member companies worldwide and 14 active working groups delivering specifications within the mobile ecosystem. Members of the organization include handset manufacturers, device OEMs, software providers, semiconductor companies, application processor developers, IP tool providers, test and test equipment companies, as well as camera, tablet and laptop manufacturers. For more information please visit www.mipi.org.

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, Microsoft, Montage Technology, Phison Electronics, Samsung Electronics, Silicon Motion Technology, SK Hynix, and Tuxera. For more information about UFSA: http://www.ufsa.org/

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