



Protocol Insight Announces Compliance Test Suite for MIPI® Universal Flash Storage (UFS) Memory for Mobile Computing Applications

UFS20COMP Compliance Test Suite offers complete test coverage and analysis of the UFS standard

Colorado Springs, Colorado, June 12, 2014 - Protocol Insight today announced that they will be demonstrating their [UFS Compliance Test Suite](#) at the upcoming MIPI Alliance meeting in Budapest Hungary on June 17th, 2014.

Universal Flash Storage (UFS) memory is designed for embedded and removable flash-based storage in mobile devices and computing systems requiring high performance and low power consumption. UFS offers a low active power level and a near-zero idle power level, which, combined with the power-saving attributes of the related MIPI specifications, allows for significant reductions in device power consumption.

The UFS standard was developed by JEDEC, and is based on the MIPI® M-PHY physical and Unipro® protocol layers. The Universal Flash Storage Association (UFSA) has been established to promote UFS adoption and provide a best-in-class enablement and compliance program. The UFSA compliance program will assure Devices and Hosts interoperate reliably, provide a uniform positive customer experience, and ensure the maximum breadth of compatible products.

“The UFSA welcomes Protocol Insight to the UFS (JESD220) ecosystem” said Perry Keller, UFSA Board of Directors member for Agilent Technologies and UFSA Compliance Committee chairman. “Protocol compliance test solutions will play an important role in the UFSA’s upcoming UFS Compliance program.”

Protocol Insight’s UFS20COMP Compliance Test Suite offers complete test coverage and analysis of the UFS standard. It performs Pass/Fail testing, provides insight into failure condition, and links to the trace for immediate visibility of the protocol execution that caused the violation. This will result in a shorter debug cycle and requires less knowledge of the JESD220 specification or MIPI M-PHY or UniPort-M on the part of the compliance team.

The UFS20COMP Compliance Test Suite executes all 18 sets of UFS SCSI Command test cases specified in the JEDEC Compliance Test Spec JESD224 Universal Flash Storage, and all 11 sets of UFS Protocol test cases specified in the JEDEC Compliance Test Spec JESD224 Universal Flash Storage. In total UFS20COMP executes over 250 separate tests.

Pricing and availability:

A beta release of the UFS20COMP UFS Compliance Test Suite will be shipping in Q3. Contact sales@protocolinsight.com for schedule and pricing information.



About Protocol Insight:

Protocol Insight (www.protocolinsight.com) offers test and measurement (T&M) software tools to customers who are developing products for the mobile computing and cloud computing market, and consulting and design services to engineers designing serial protocol interfaces.

Protocol Insight staff have extensive experience developing T&M protocol tools, having been involved in the industry's first Bluetooth, PCI Express, MIPI D-PHY and MIPI M-PHY protocol analyzer, exerciser, and compliance products.

Protocol Insight is a MIPI expert, with a background developing both D-PHY and M-PHY protocol exercisers and analyzers. Protocol Insight staff have contributed to the development of the UniPro standard thru the UniPro Working Group, and have had direct interaction and collaborated with strategic MIPI customers and industry leaders worldwide, in marketing, business development and co-development roles.

Protocol Insight offers compliance test capability, and serial protocol and MIPI design consulting services.

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.

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 Agilent Technologies, Micron Technology, Phison Electronics, Samsung Electronics, Silicon Motion Technology and SK Hynix. For more information about UFSA: <http://www.universalfash.org/>

Contact:

Ross Nelson
+1 (503) 367-5656
rossn@protocolinsight.com



MIPI and the MIPI logo are a licensed trademark of the MIPI Alliance.

UFS and the UFS Advantage logo are a trademark of the Universal Flash Storage Association.

JEDEC® and the JEDEC logo are registered trademarks of JEDEC Solid State Technology Association.

PCI-SIG®, PCI™, PCI Express®, and PCIe® are registered or unregistered trademarks and/or service marks of PCI-SIG.

The Bluetooth figure mark, word mark and combined mark are the property of the Bluetooth SIG.