
Press Release

USB PD 2.0 Compliance

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Teledyne LeCroy Voyager M310P Approved for USB Power Delivery 2.0 Compliance Testing

DesignCon 2018, Santa Clara, CA January 29, 2018 –Teledyne LeCroy Inc., the worldwide leading supplier of serial protocol test solutions, has announced that the Voyager M310P USB 3.1 Analyzer/Exerciser system is approved for Compliance Testing of USB Power Delivery 2.0 (PD) by the USB Implementers Forum (USB-IF). With comprehensive support for USB PD 2.0, the compliance option allows developers to verify functionality, error recovery, and conformance for USB Power Delivery 2.0 in chipsets and end-products.

The Teledyne LeCroy Voyager Analyzer/Exerciser system is widely used by the USB developer community for testing and validating USB Power Delivery 2.0 products as well as USB 3.1 hosts, hubs and devices. The system connects to devices over standard USB Type-C™ cables and utilizes emulation scripts to mimic link partner behaviors. It captures message exchanges and automatically verifies the correct protocol response. The Voyager M310P is widely recognized as the first product to provide 100% coverage of the required USB Type-C™ and USB Power Delivery 2.0 compliance points.

"As an active member of the USB-IF compliance working group, Teledyne LeCroy contributes to the USB-IF interoperability workshops by staffing dedicated test suites for USB 3.1 Link Layer, Hub, USB Type-C and USB Power Delivery 2.0", said Jeff Ravencraft, USB-IF President and COO. "Test solutions, like the Teledyne LeCroy Voyager M310P play a critical role at these events by helping the USB-IF verify early product designs while ensuring a consistent, reliable end user experience".

"The USB Type-C and USB Power Delivery 2.0 specifications have evolved rapidly and now incorporate a range of features designed to provide USB OEMs with a comprehensive single-cable solution offering faster charging and higher data transfer rates", said Joe Mendolia Vice President of Marketing at Teledyne LeCroy. "The Voyager platform provides the broadest support for official USB-IF compliance specifications including all the latest Power Delivery 2.0 test cases."

"The flexibility of the Voyager M310P Analyzer/Exerciser system to run a wide range of tests is an important factor in choosing tools for both USB silicon and end-product OEMs," said Mike Micheletti, USB Product Manager at Teledyne LeCroy. "Whether you are interested in running the turnkey compliance tests or using this substantial library of test scripts to create your own custom test cases, these tools can expedite problem identification resulting in shorter development cycles and faster time-to-market."

Teledyne LeCroy protocol analyzers and exercisers have been at the forefront of USB development since 1997. All LeCroy protocol analysis and test products feature a hierarchical display, real-time statistics, protocol traffic summaries, detailed error reports, comprehensive automation, and the ability to create user-defined test reports.

- More -

Availability

The Teledyne LeCroy Voyager M310P is currently shipping. For additional information, engineers and technicians who would like to learn more can contact their regional Sales Engineer: 1-800 909-7211 or 408 653-1262; or protocolsales@teledynelecroy.com; or visit the [Teledyne LeCroy USB protocol analyzer web page](#).

About USB Implementers Forum, Inc.

USB Implementers Forum, Inc. is a non-profit corporation founded by the group of companies that developed the Universal Serial Bus specification. The USB-IF was formed to provide a support organization and forum for the advancement and adoption of Universal Serial Bus technology. The Forum facilitates the development of high-quality compatible USB peripherals (devices), and promotes the benefits of USB and the quality of products that have passed compliance testing.

About Teledyne LeCroy

Teledyne LeCroy Inc. 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.

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