

Press Release

Teledyne LeCroy LabMaster Oscilloscope Approved for USB4™ Testing

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USB Implementers Forum (USB-IF) Approval Supports USB4 Host and Device Developers Seeking Certification

Chestnut Ridge, NY, September 22, 2020 – Teledyne LeCroy, Inc. announces today that the LabMaster 10 Zi-A real-time oscilloscope and Anritsu, Inc. Signal Quality Analyzer-R Series MP1900A have been approved by the USB Implementers Forum (USB-IF) for USB4™ electrical physical layer transmitter (Tx) and receiver (Rx) compliance certification testing.

By establishing compliance programs to complement the USB specifications, the USB-IF sets the stage for seamless interoperability between USB host and peripheral devices. For electrical or physical layer testing, the USB-IF approves test equipment that they have confirmed meets the requirements of the electrical compliance test specification (CTS) before the equipment can be used for USB4 certification testing. Using approved test equipment for compliance testing of a USB4 host or device supports developers looking to achieve certification for their USB4 products. Certification supports a good end-user experience and can lead to wider market adoption.

Teledyne LeCroy has worked closely with the USB-IF for approval of the LabMaster 10 Zi-A oscilloscope (with SDAIII-CompleteLinQ and [QPHY-USB4-TX-RX](#) software packages) for Tx testing. QPHY-USB4-TX-RX software fully automates Tx and Rx testing for enhanced speed and error-free user setup. Automated Rx calibration and testing uses the Anritsu MP1900A as the stressed signal generator. Teledyne LeCroy continues to work closely with the USB-IF, independent test labs (ITLs) and developers to ensure accurate USB4 Tx and Rx certification test results. QPHY-USB4-TX-RX also supports Thunderbolt™ testing, and the same equipment has been approved by Intel for required Tx and Rx testing.

“Teledyne LeCroy is a long-time vendor of both physical and protocol layer test solutions used at USB-IF compliance workshops and by USB-IF ITLs,” said USB-IF President and COO Jeff Ravencraft. “We are pleased with Teledyne LeCroy’s continued commitment to provide approved test solutions that help our members develop certifiable USB products in support of a robust, reliable USB ecosystem.”

To learn about Teledyne LeCroy’s complete range of USB electrical test solutions, visit <https://teledynelecroy.com/usb-electrical-test/>. For more information about the LabMaster 10 Zi-A oscilloscope, visit <https://teledynelecroy.com/oscilloscope/labmaster-10-zi-a-oscilloscopes>.

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.

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