



QPHY-DDR3

***QualiPHY Automated Serial Data
Compliance Test Framework Now Includes
DDR3 Test Solution***

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LeCroy Introduces QualiPHY DDR3 Automated Compliance Test Package

Chestnut Ridge, NY, January 5, 2010 – LeCroy Corporation expands its QualiPHY automated serial data compliance test solutions to include support for DDR3 with a full suite of Clock, Electrical and Timing tests as defined by the JESD79-3D JEDEC specification. Immediately available for WavePro 7 Zi and WaveMaster 8 Zi, QualiPHY DDR3 uses the ability of these high-performance oscilloscopes to measure a large number of cycles in a very short period of time. This capability is critical due to the high level of variability in DDR3 measurements. By measuring a large number of cycles in a very short period of time, the user can be confident that they are catching the true maximum and minimum points. In many cases, QualiPHY DDR3 performs several thousand measurements in the same time period competitive equipment takes to perform less than one hundred. This means QualiPHY DDR3 delivers statistically relevant results without the need for multiple acquisitions over a long period of time. The QualiPHY DDR3 test solution is capable of performing measurements on 800 MHz, 1066 MHz, 1333 MHz, 1600 MHz, and custom speed grades of DDR3 signals.

In addition to automated characterization of DDR3 signals, QualiPHY DDR3 also enables powerful debug capability for DDR3 signals inside the oscilloscope. Using the “Stop on Test” capability, the user can pause the testing at the completion of each individual test. QualiPHY DDR3 prompts the oscilloscope to save the panel file, preserving the current state of the oscilloscope. The user is then free to perform additional debugging of any particular test, aiding root cause analysis. Root causes of failure can be quickly and easily found using all of the advanced serial data tools within the oscilloscope. These include: SDA II, Eye Doctor™II, WaveScan™, Histograms, Tracks and many more—making it easy to correlate anomalies with other observed behaviors. Once the user has completed debugging a particular test, simply clicking the “OK” button resumes running the remainder of selected tests.

About DDR3

DDR3 is a high-speed memory interface commonly used in computer systems and delivers data at twice the rate of DDR2 memory buses.

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About QualiPHY

QualiPHY, LeCroy's automated test engine, is an easy to configure user interface that allows custom test and limit selection, displays connection diagrams to the user ensuring proper connectivity, and generates reports with all results - including screenshots of the worst case failures for each applicable test.

About LeCroy

LeCroy Corporation is a worldwide leader in serial data test solutions, creating advanced instruments that drive product innovation by quickly measuring, analyzing, and verifying complex electronic signals. The Company offers high-performance oscilloscopes, serial data analyzers, and global communications protocol test solutions used by design engineers in the computer and semiconductor, data storage device, automotive and industrial, and military and aerospace markets. LeCroy's 45-year heritage of technical innovation is the foundation for its recognized leadership in "WaveShape Analysis" - capturing, viewing, and measuring the high-speed signals that drive today's information and communications technologies. LeCroy is headquartered in Chestnut Ridge, New York. Company information is available at <http://www.lecroy.com>.

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