

Semiconductor Defect Density and Time-to-Market Improved with New Teradyne Toolset

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NORTH READING, Mass.--(BUSINESS WIRE)-- [Teradyne, Inc.](#) (NYSE: TER) announces the release of the Oasis toolset, designed to address the unique test challenges posed by complex semiconductor devices, including applications processors, digital baseband processors, RF transceivers and power management devices. These devices have large, reusable IP blocks requiring hundreds of thousands of tests and also have extremely aggressive time-to-market objectives. Typically, to hit these targets, test solutions are developed by large teams of test engineers who leverage as much information as possible from chip design systems. Teradyne's Oasis toolset enables faster test program development and lowers defect escapes for these devices.

The Oasis toolset consists of three main tools, IG-Link, IG-Review and IG-Diff, which complement the IG-XL platform.

IG-Link is a test program management tool that vastly eliminates time spent on test program integration during a typical project. The tool simplifies collaborative development by automatically linking program building blocks on the fly, to create unique program variants.

IG-Review is a test program review and auditing tool that helps eliminate test program errors before they result in defect escapes in production. IG-Review identifies mistakes that may result in longer test times, incorrect binning or other quality issues. The tool also generates reports for test program peer review and documentation.

IG-Diff is a test program comparison tool that helps test engineers identify and document differences between test program versions. Changes in test program data, patterns and code are resolved for tests that are impacted. This allows test engineers to identify inadvertent changes to the test program prior to committing their changes.

The Oasis toolset has been released and is in use at multiple customers for digital baseband, connectivity and power management devices.

“The Oasis toolset will help our users face the ever increasing pressures to ramp devices as soon as samples are available with high test coverage and high quality,” said Roy Chorev, Software Marketing Manager, Teradyne. “Through close collaboration with our customers we have designed a tool set that expedites time to market while improving product quality.”

About Teradyne

Teradyne (NYSE:TER) is a leading supplier of Automatic Test Equipment used to test semiconductors, wireless products, data storage and complex electronic systems which serve consumer, communications, industrial and government customers. In 2013, Teradyne had sales of \$1.43 billion and employs approximately 3,800 people worldwide. For more information, visit www.teradyne.com.



Teradyne, Inc.
Jessica Faulkner, 978-370-1437
Public Relations
jessica.faulkner@teradyne.com

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