

Teradyne Accelerates Time to Market for Complex Devices

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NORTH READING, Mass.--(BUSINESS WIRE)-- [Teradyne, Inc.](#) (NYSE:TER) announces the availability of the SOC TIU (Tester Interface Unit), a high site count final test interface for the UltraFLEX test system. Traditional solutions for testing 16 or more complex devices require sophisticated, custom device interface boards (DIBs) which are difficult and time consuming to design, manufacture and release into volume production. These challenges add schedule and cost risk to new applications processors, RF and power management device programs.

The SOC TIU's innovative design simplifies high site count solutions by grouping tester resources and segmenting DIBs into multiple exact copies, enabling the reduction of load board design and fabrication time by more than 40% and debugging and correlation time by more than 60%, to deliver faster time to volume production. Customer results have shown that the SOC TIU also provides improved signal distribution and better site-to-site correlation for testing devices at 16 sites or more.

“As devices become more complex and production ramp schedules become more aggressive, it is critical for customers to be able to fully utilize tester resources and accelerate the device bring up cycle, including interface hardware development, device correlation and support,” said Joseph Ha, Teradyne's Test Cell product manager. “The SOC TIU allows our customers to apply more than 8,000 UltraFLEX digital and analog resources to their most challenging devices under test. When combined with typical parallel test efficiencies of greater than 99%, customers are able to meet the demanding cost and schedule requirements of the mobile device market.”

About Teradyne

[Teradyne](#) (NYSE:TER) is a leading supplier of automation solutions for test and industrial applications. Teradyne Automated Test Equipment (ATE) is used to test semiconductors, wireless products, data storage and complex electronic systems, which serve consumer, communications, industrial and government customers. Our Industrial Automation solutions include Collaborative Robots used by global manufacturing and light industrial customers to improve quality and increase manufacturing efficiency. In 2014, Teradyne had revenue of \$1.65 billion and currently employs approximately 4,000 people worldwide. For more information, visit www.teradyne.com. Teradyne (R) is a registered trademark of Teradyne, Inc. in the U.S. and other countries.



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