

## For Immediate Release

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### **New Production Line System Runs More Than 1,000 IC Tests Per Second**

**April 19, 2007 (Pleasanton, CA)** – ProductionLine Testers (PLT) announces that it will introduce a smaller integrated circuit test system that is twice as fast as its fastest current model at the Semicon West 2007 conference in San Francisco in July. The PLT1000 is designed to test low-to-medium complexity wafers or packaged IC's at production-line rates of 1,000 tests per second.



*A high-resolution image of the system is available at  
<http://www.seeyouinprint.com/plt/plt1000.jpg>.*

The new general-purpose IC test system is a PC-size bench top test system small enough to sit on top of or under most device handlers and probers. As easy to use as a PC, the PLT1000 is programmed through an Excel®-like spreadsheet where each row defines a test and each column defines a test pin. Double-clicking a test brings up a second screen for setting the test conditions associated with that row.

Applications include high-speed testing of analog, digital, and optical devices including optocouplers, power management ICs, regulators, clock chips, transceivers, etc. Users customize their systems by choosing among a variety of boards, including digital I/O, power sources, a picoammeter, time interval analyzer, quad clock, frequency counter, etc. (A prober/handler interface board also sits in the test head.)

Full specifications can be found at <http://www.productionlinetesters.com>

### **Price and Availability**

The architecture and features are designed to provide only the necessary functions required for high-speed production testing of low-to-medium pin-count integrated circuits, which allows system pricing to begin at \$60,000. (Deliveries are 12 to 14 weeks after receipt of order.) Field upgrades and maintenance are done by simple module swapping, to constrain total lifecycle costs as well.

Test costs themselves are minimized by minimizing test time. Most internal calculations are pre-compiled before actually testing, and many setups and housekeeping tasks are done during the prober/handler cycle time.

### **About ProductionLine Testers**

ProductionLine Testers has been meeting the Semiconductor Industry's growing demand for low-cost efficient testers since 1995 with systems for IrDA and Integrated Circuit (IC) testing. The IrDA systems provide standard IC, direct LED and photodiode electrical and optical testing, while the extensive lines of IC test system configurations provide quick and economical integrated circuit testing. Each system provides standard tester features and user-friendly, spreadsheet-style programming, and is optimally configured to provide the lowest overall test costs.

ProductionLine Testers is a proud member of SEMI and the Infrared Data Association (IrDA) and has provided systems worldwide for such customers as Agilent, HP, IBM, Temic, Citizen, Lite-On, Infineon, Ericsson, Everlight and Vishay.

**PLT1000**

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