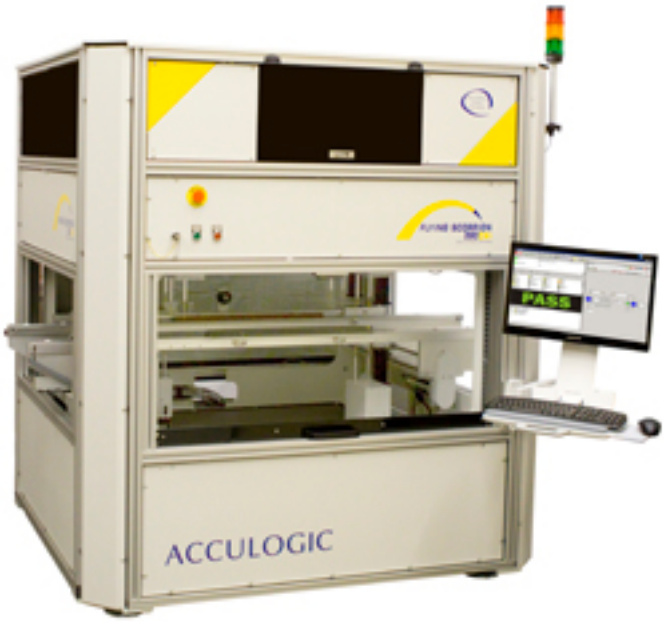
Acculogic to Exhibit Latest Test Solutions at Electronica 2010



Acculogic GmbH will exhibit its latest test solutions in Hall A1 Booth, 630 at Electronica 2010, scheduled to take place November 9-11, 2010 at the New Munich Trade Fair in Munich, Germany.

Acculogic will showcase its FLS 980Dxi Flying Scorpion, the only patented double-sided, multi-probe (22) flying probe system with 3-D probing, analog, digital and boundary scan test capability on all probes (top- and bottom-side).

Shrinking component sizes and denser packaging technologies are posing new challenges to test. FLS980Dxi™ uses highly repeatable closed-loop linear motor drives and joystick-like variable angle probe modules (0 to 6°) to maximize physical access and guarantee repeatable probing of fine-pitch devices and small components such as 0201 and 01005s.

Using the patented vectorless test suite, PinScan, the FLS900 series detects open-pin and orientation faults on digital devices, polarized caps and connectors. New features and enhancements to the system to be demonstrated during the show include:
• Fixed angle probe modules (BPM700)
• ThermoScan
• TraceScan
• High-resolution camera
• NanoScan
• REScan ? Reverse Engineering

Also on display at the show, the latest version of Acculogic’s ScanNavigator

powered by Victory software offers full support for IEEE1149.6, an extension to the IEEE1149.1 standard. The ScanNavigator software is a leading suite of powerful tools for boundary scan testing and programming based on the original JTAG standard, IEEE 1149.1. The new version of ScanNavigator has been extended to support the latest boundary scan technology for the testing of high-speed buses and interfaces such as LVDS, Fiber Channel, Gigabit Ethernet and more.

Acculogic's ScanNavigator Integrated Boundary Scan Test and Programming Environment consists of test, programming and run-time modules that use Microsoft's .NET technology and XML to simplify test generation, increase productivity and allow full integration of test data, programming information and diagnostic databases with Acculogic's testability, and coverage analysis tools. Based on the premise that all boundary scan test and onboard programming activities rely on numerous common data preparation steps, the ScanNavigator architecture is optimized for data sharing and portability to reduce development time and increase data reuse.

ScanNavigator-dot6 supports IEEE1149.6 as an optional feature that can be incorporated into any ScanNavigator Virtual Interconnect Test (VIT), making the implementation of 1149.6 tests practically transparent to the user.

Also at the show, Acculogic will premier its InCircuit Scorpion FiS640TM for the first time. The FiS640 is a small footprint MDA tester that can be configured with up to 1024 all-real (non-multiplexed) channels, a high-accuracy analog measurement instrument and patented vectorless test techniques for detection of open pins on digital devices. It is available with a number of industry-standard fixture interfaces for preserving current investments and minimizing transition costs.

The system's hardware is controlled by Acculogic's IntegratorTM worksheet-based software. The software is simple to learn and use and can save days of program development and debug time. The FiS640 also is fully supported by Acculogic's XMATICTM software suite.

Acculogic's XMatic software package features a venerable host of updated functionality and usability improvements. Version 9 adds many new features designed to help the user achieve maximum efficiency through ease of use and practical enhancements. This latest XMatic™ Version adds a direct database editing functionality, which allows data to be edited within a wider variety of ways, thus accommodating more personal work styles. Dynamic part and package linking keeps both project and libraries up-to-date, automatically allowing for the update of the stored information with minimal effort and time.

For more information, stop by Hall A1 Booth, 630 at the show or visit www.acculogic.com [1]

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