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## TRADE NEWS: Agilent Technologies Introduces Deepest Memory Logic Analyzer with New Applications

Five New Products Offer Largest Display Size, Deepest Memory and Unique  
Applications for PCI Express and Altera FPGA Debug

SANTA CLARA, Calif., Nov. 1, 2006 -- Agilent Technologies Inc. (NYSE: A) today expanded its industry-leading logic analyzer portfolio with a new modular mainframe, two new logic analyzer modules offering up to 4X the available memory in the industry, and new applications for developers of PCI Express and Altera FPGAs.

Electronic design teams in the computer, communications, semiconductor, aerospace and defense, automotive, and wireless industries continue to produce increasingly sophisticated hardware designs. Designers use logic analyzers to validate and debug those designs. New testing challenges associated with high-speed designs make highly capable logic-analysis tools an essential element of each design team's test process. Agilent has addressed these needs with its new 16900 products.

The Agilent 16901A two-slot modular mainframe comes equipped with an industry-leading 15-inch display and touch-screen interface. Touch-screen capability offers fast, intuitive interaction, and works well when limited bench space hinders the use of a mouse and keyboard. The 16901A provides a multiframe Pro interface, allowing connection and cross-triggering of other Agilent 16900 Series logic analyzer mainframes. Multiframe Pro helps to speed the debug of sophisticated digital systems where more than one logic analyzer is needed.

Agilent's new 16950B 68-channel logic analyzer offers state analysis capture up to 667 MHz and maximum data rate of 1066 Mb/s with up to 64M of acquisition memory. The 16950B offers the performance necessary to validate leading-edge designs in the computer and semiconductor industries, such as DDR3 and front-side bus designs.

Agilent's new 16951B 68-channel logic analyzer module offers the same acquisition performance as the 16950B, but in addition quadruples the industry's maximum memory depth to 256M samples. Logic analyzers are fundamentally single-shot instruments that trigger on the infrequent occurrence of problems in digital systems. When these anomalies occur, engineers want to improve the probability that the symptom that caused the failure is contained in the measurement.

Along with these logic analyzer introductions, Agilent offers two new applications that will speed the development of PCI Express and Altera FPGA-based designs:

- o Agilent's FSI-60112 PCIe Gen 1 probe offers support for embedded designers adopting the PCIe serial standard within their design. It offers support for X1, X2 and X4 lane widths, and when used with the 16800 portable logic analyzer offers the lowest-cost logic analyzer-based solution for PCIe in the marketplace.
- o Agilent's B4656A FPGA dynamic probe for Altera gives engineers unprecedented visibility into their Altera FPGA designs, allowing them to debug and validate their designs more quickly.

“Agilent offers design teams the logic analyzer performance and applications they need to validate today’s designs,” said Sigi Gross, general manager of Agilent’s Digital Verification Solutions division. “FPGAs and serial buses such as PCI Express are prevalent in embedded systems. Agilent is focused on providing the test tools necessary to help our customers bring these designs to market quickly.”

Product images and additional information about Agilent’s new 16900 Series Logic Analysis System and the company’s complete line of validation and debug tools is available at [www.agilent.com/find/logic\\_press](http://www.agilent.com/find/logic_press).

### U.S. Pricing and Availability

The Agilent 16900 Series products are available today at the following prices:

<u>Model</u>	<u>Description</u>	<u>Price</u>
16901A	Logic analyzer mainframe (2-slots)	starting at \$14,000
16950B	68 channel logic analyzer	starting at \$23,500
16951B	68 channel logic analyzer with 256M	starting at \$65,000
FSI-60112	PCI Express probe for 168xx, 169xx	starting at \$19,500
B4656A	FPGA dynamic probe for Altera	starting at \$3,000

### About Agilent Technologies

Agilent Technologies Inc. (NYSE: A) is the world’s premier measurement company and a technology leader in communications, electronics, life sciences and chemical analysis. The company’s 18,500 employees serve customers in more than 110 countries. Agilent had net revenue of \$5.1 billion in fiscal 2005. Information about Agilent is available on the Web at [www.agilent.com](http://www.agilent.com).

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