Product News

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FS4430

FuturePlus Systems Introduces DisplayPort Protocol Analyzers

Reliable DisplayPort Data Capture At 2.7 GB/s

COLORADO SPRINGS, CO.—Jan. 8, 2009 -- FuturePlus Systems today introduced two new low-cost DisplayPort® protocol analysis tools for use with industry standard logic analyzers. They will be used by embedded systems designers involved in the development of computers and peripherals incorporating the new DisplayPort architecture.

FS4435

The new tools can probe a DisplayPort bus at 2.7 Gb/s using standard logic analysis platforms. "FuturePlus Systems has more than 17 years of protocol-aware bus analysis tool experience," said Ed Aichinger, President, FuturePlus Systems." As serial buses increase in speed and complexity, reliable and easy-to-use validation tools are critical to digital designers. We welcome the opportunity to enable embedded designers to reduce product development time using the new FuturePlus® serial bus support products."

Two versions are available: The FS4430 supports Agilent logic analyzers and the FS4435 supports Tektronix logic analyzers.

FS4430/FS4435 Feature Highlights

- Full protocol analysis at 1.62 Gbps and 2.7 Gbps
- Three probing types available for Main Link - Midbus cable, interposer, and flying leads
- Main Link protocol decoder displays secondary data packets, reconstructed pixel data, and audio packets decoded and identified by speaker
- Packets are automatically descrambled and deskewed
- Auxiliary channel protocol decoder displays all bi-directional traffic
- The Probe Manager software executing on a PC or Logic Analyzer controls the analysis probe over a USB interface in real time and can set a pixel recognizer to trigger on any specific pixel data of any format

Three Software Components Simplify Analysis, Speed Setup:

The new product includes software that decodes and displays detailed bus protocol activity on the Main Link and Auxiliary Channel.

Configuration files are also provided to facilitate quick logic-analyzer setup.

Probe Manager Software executing on a Windows-based logic analyzer or PC controls the analysis probe over a USB interface, in real time.

FuturePlus Systems offers optional connector-less, interposer or flying lead cable adapters to accommodate a variety of requirements for connecting the new tools to the DisplayPort target system under test.

U.S. Pricing and Availability

FS4430 / FS4435 DisplayPort protocol analysis probe, $30,000, less cables. Delivery is four weeks ARO.

About FuturePlus Systems

FuturePlus Systems Corporation is a privately held manufacturer of bus protocol analysis tools for the computer industry. FuturePlus Systems has authorized resellers in Canada , China , India , Japan , Korea , Taiwan , and most European countries. More information about FuturePlus Systems Corporation may be found on the internet at www.futureplus.com .

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