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Guzik Introduces the WDM 5044 Waveform Digitizer Targeted at High Speed Data Acquisition for Systems Applications

Mountain View, CA - May 7, 2009 – Guzik Technical Enterprises today announced the availability of their new WDM 5044 Waveform Digitizer, which provides up to 6 GHz waveform capture and analysis bandwidth in a display-less rack-mounted format. This digitizer addresses demanding ATE and OEM applications in avionics, military electronics, physics, astronomy, semiconductors, and a variety of other disciplines.

Guzik has been providing high bandwidth test solutions for over 25 years to the data storage industry for demanding head and media characterization, and now makes this waveform capture and analysis expertise available for a wider variety of applications. Besides the industry-leading acquisition system at the core of the WDM5000 family, the product features up to 2 Gpoint waveform memory on each channel combined with customizable hardware parametric processing. The WDM5044 provides 4 GHz bandwidth in 4 channel mode and 6 GHz bandwidth in 2 channel mode. In order to facilitate the fastest possible waveform transfer back to the host computer, the WDM 5044 utilizes a high speed PCI Express cabled interface.

Customers can work with Guzik to develop custom measurement algorithms specific to their application and have them built directly into to the WDM 5044's FPGA-based processing engine, increasing throughput and offloading complex waveform processing tasks from the host processor to the instrument's digital processor.

“Current modular and rack-mount digitizers aimed at data acquisition in systems typically offer significantly lower performance, and oscilloscopes used in these applications are expensive and provide un-used functionality. The WDM 5000 Series was designed to provide high performance waveform acquisition with a small footprint at a low cost relative to alternative approaches. It features industry-leading waveform capture memory combined with a high powered FPGA-based

processing engine” said company founder and CEO Dr. Nahum Guzik.

The WDM 5044 sells for \$69,000 and is available for shipment immediately. It is the first member of a new family of high performance modular instruments from Guzik. It includes the WDM 5000 Signal Explorer software utility providing control, display and waveform export capability. In addition, Matlab drivers are provided.

Interested customers should contact sales@guzik.com or consult www.guzik.com for more information.

About Guzik

Guzik Technical Enterprises provides advanced test solutions to the disk drive industry, as well as waveform acquisition tools and modular instruments for demanding ATE and OEM applications in avionics, signal intelligence, military electronics, physics, astronomy, semiconductors, and a variety of other disciplines. The company is based in Mountain View, California.

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