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**Altera's Stratix III FPGAs Deliver Advanced Computing Power and Performance in Quasonix's Latest Telemetry Products**

*Quasonix's Altera FPGA-Based Demodulators and Receivers Demonstrated at 2008 International Telemetry Conference in Booth 903*

**San Jose, Calif., and West Chester, Ohio, October 21, 2008**—Altera Corporation (NASDAQ: ALTR) today announced Quasonix, LLC is leveraging Stratix<sup>®</sup> III FPGAs in its latest DMS<sup>™</sup> Telemetry Demodulator and RDMS<sup>™</sup> Airborne Telemetry Receiver products. Altera's high-performance FPGAs offer advanced digital signal processing (DSP) modulation and filtering for the demodulators, enabling Quasonix to deliver a high-performance solution for flight-test telemetry. Quasonix is demonstrating its latest family of Stratix III FPGA-based demodulators and receivers at the 2008 International Telemetry Conference (ITC) in San Diego, Calif., from October 27 to 30.

"Quasonix is committed to delivering products that offer the most advanced demodulation and signal processing algorithms, allowing our customers to pull good data out of some very poor signals," said Terry Hill, president and chief scientist of Quasonix. "These techniques represent a breakthrough in system performance, but they demand cutting-edge computational power. Altera's Stratix III FPGAs offer the computing power and performance that is essential to our products."

Altera<sup>®</sup> Stratix III FPGAs enable the Quasonix Demodulator to provide true trellis demodulation and bit synchronization for all three Advanced Range Telemetry (ARTM) waveforms—PCM/FM, SOQPSK-TG, and Multi-h CPM. The Quasonix Demodulator has the horsepower to detect and demodulate telemetry signals, even when signal-to-noise ratios approach negative figures. The Demodulator is also an integral subsystem of the 12-cubic-inch Quasonix Airborne Receiver, which offers 6- to 8-dB better overall sensitivity than the industry's previous standard-bearers.

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“Our Stratix III FPGAs deliver an optimal balance of power, performance, flexibility and functionality, ideal for Quasonix’s high-performance aeronautical telemetry systems,” said David Greenfield, Altera’s senior director of product marketing, high-end products. “Stratix III FPGAs provide a compelling solution that allows companies like Quasonix to differentiate their high-speed digital communications systems while meeting their power and performance targets.”

**About Stratix III FPGAs**

Altera’s Stratix III FPGAs are the industry’s lowest power high-performance 65-nm FPGAs. Stratix III FPGA variants that are logic rich (L) or enhanced for memory and DSP (E) allow designers to balance resource requirements without having to design a device any bigger than absolutely necessary—saving board real estate, power, compilation time, and money. Stratix III FPGAs target high-end core system-processing designs in many applications. For more information on Stratix III FPGAs, visit [www.altera.com/pr/stratix3](http://www.altera.com/pr/stratix3).

**About Quasonix**

Quasonix designs, develops, and manufactures high-performance aeronautical telemetry systems and is a recognized industry leader for spectrally efficient modulations such as SOQPSK and Multi-h CPM. Quasonix’s advanced product line extends from the air to the ground and includes transmitters, receivers, and demodulators with integral bit synchronizers. Through product developments that yield inimitable performance and value, Quasonix is *Reinventing Telemetry*<sup>™</sup>. Learn more at [www.quasonix.com](http://www.quasonix.com).

**About Altera**

Altera programmable solutions enable system and semiconductor companies to rapidly and cost-effectively innovate, differentiate and win in their markets. Find out more at [www.altera.com](http://www.altera.com).

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