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Samsung Electronics Selects Innovative Integration's Quixote DSP Card for Wireless Development

PHOTO AVAILABLE VIA http://innovative-dsp.com/ftp/Marketing/Product_Images/Quixote.zip

Simi Valley, CA - Sept. 25, 2003 - Korean electronics giant Samsung has chosen the Innovative Integration's Quixote DSP platform for advanced development of a 4th generation mobile system using their Orthogonal Frequency Division Multiplexing (OFDM) technology.

Combining 105MHz 14-bit dual analog I/O, the C6416 DSP, a 6-million gate Virtex-II FPGA and high-speed digital ports, Quixote merges the best of analog & digital worlds with unprecedented levels of integration. Quixote is the perfect platform for Software Defined Radio, Signal Intelligence, Advanced RADAR, Electronic Warfare, High-Speed Physics.

Customers can avoid the expense and complexity of a multi-board implementation and move their design to a performance-oriented, single-board platform. The analog front-end features 105 MHz analog channels tightly coupled to the FPGA, ideal for wireless applications. The onboard FPGA may be programmed channel spreading/despreading, channel coding etc. The DSP handles systems functions, adaptive algorithms and communication with the host layer via pci. The newly added IEEE 1386 PMC site allows fast integration of peripheral mezzanine cards for additional I/O, while the dual 2.5 Gbps StarFabric ports provide flexible board-to-board on-chassis to chassis communication for the most advanced system architectures.

With the power and flexibility of these resources on Quixote, developers have the ability to implement in software a wide variety of radios, communication testers and other high-speed applications to add new capabilities to their products.

The Quixote Development Package includes baseboard, TI Code Composer Studio™ DSP debugger hardware and software and the Pismo board libraries. Single unit pricing starts under \$10,000.

Innovative Integration, Inc. designs and manufactures industry-oriented, high-end DSP boards for rapid deployment, featuring a rich variety of peripherals, high-quality analog I/O and superior software tools for PCI, cPCI and stand-alone systems. **For more information on Quixote, please visit www.innovative-dsp.com/quixote.**

About the Texas Instruments Third Party Program Innovative Intergration is a member of the TI TMS320(tm) third party program, the most extensive collection of global DSP development support in the industry. With more than 600 independent companies and consultants, TI's customers have easy access to a broad range of application software, development hardware and software and consulting services. For more information on the TI third party program, please visit www.ti.com/3p.

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