HONEY…I SHRUNK THE BASESTATION

Sundance Focuses Multiprocessor Design and Multiprocessing Technology onto GSMA's Mobile's Green Manifesto. Reduces Telecom Infrastructure Footprint, Energy Consumption and CO2 Emissions – Improves Performance and Economics.

London, UK – 2 December 2010 – Sundance, the leading supplier and manufacturer of advanced digital signal processing and reconfigurable FPGA systems today announced availability of its modular EVP6472-903 Dual WiMax RF Module multiprocessing solution. The energy smart EVP6472-903 feature two multicore DSPs with twelve TMS320C64x+™ processor cores clocked at 500MHz for telecom demanding real time processing.

The product development is aligned to the trend and commitment made by the worldwide mobile communications industry to boost economic performance, improve efficiencies and increase the use of green technology. By employing multiprocessor technology, Operators and OEMs can improve performance, lower costs, reduce their infrastructure size and lower their carbon footprint.

"Multiprocessing has always delivered on performance, cost and scalability", said Flemming Christensen, managing director of Sundance Multiprocessor Technology Ltd. "However its energy credentials have often been overlooked and we are addressing this through our product announcement. As the industry continues to invest in infrastructure deployment it requires lower energy consumption - both directly, and indirectly through reductions in space cooling and a/c. Multiprocessing is low risk technology that provides a unique set of features and benefits and this, coupled with the inherent energy efficiencies of multiprocessing architectures, mean they are becoming an increasingly important solution within Green IT."

The EVP6472-903 features Dual 500MHz C6472 DSPs and Virtex-5 FXT FPGA. It incorporates 2 Maxim Wimax (IEEE802.16-2004) Transceivers that operate at 2.3 – 2.7 GHz. The transceivers integrate a power amplifier driver, receive/transmit mixer, low-noise amplifier, receive/transmit filters, synthesizer, VCO, receive gain control, and transmit power control. Each RF transceiver is coupled with a Mixed-Signal Front End chip from Analog Devices that integrates two 12-bit ADCs (80MSPS) as well as two 12-bit DACs (200MSPS using interpolation), to provide analog and digital conversions and ensure a sufficient level of precision for Wimax applications. Clocking circuits enable the board to run the transceivers and the converters from internal 40MHz VC-TCXO, an external input, a PLL or the FPGA on the base module.

The EVP6472-903 is supported by Windows 7 and Linux system environments and free Xilinx ISE Webpack software can be downloaded to target the Virtex-5 FPGA. TI's Code Composer Studio 4.0 supports design for the C6472 multicore DSPs and a Firmware Control Module permits simple

and unrestricted access to all control registers from a user friendly C-Language API.

Christensen added, "we are better enabling Operators and OEMs to increase the performance and density of their infrastructure processing and at the same time use less direct and in-direct energy. It's because of this, and the inherent energy efficiencies of multiprocessing architectures, that they are becoming an increasingly important solution with Green IT."

Further details and pricing information for the EVP6472-903 are available from http://www.evp6472.com/ or by contacting your local Sundance Sales Office.

About Sundance

Sundance designs, develops, manufactures and markets internationally high performance signal processing and reconfigurable systems for original equipment manufacturers in the wireless and signal processing markets. Leveraging its multiprocessor expertise and experience, Sundance provides OEM with modular DSP and FPGA-based systems as well as data acquisition, I/O, communication and interconnectivity products that are essential to multiprocessor systems where scalability and performance are essential. With over fifty different modules and carriers for PCI, cPCI VME and Stand Alone platforms, Sundance is a solution provider to semiconductor, pharmaceutical and factory automation industries. Sundance, founded in 1989 by the current directors, is a member of the TI Third Party Program, Xilinx Alliance Partner and MathWorks' Connection programs. For more information visit www.sundance.com.

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