PRESS RELEASE

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SUNDANCE BOOSTS 4G OFFER WITH NEW WIMAX SOLUTION

Introduction of the SMT703 WiMAX Solution Underlines Sundance's Position as one of The Leading Providers of Development Systems for 3G and 4G

London – England and the WiMAX Forum Global Congress 09, Amsterdam 29 May 2009. Sundance, the leading supplier and manufacturer of advanced digital signal processing (DSP) and reconfigurable FPGA solutions today announced the release of its next generation WiMAX development system. Showcased at the upcoming WiMAX Forum, the SMT703 is a complete lifecycle solution from R&D, design verification and conformance, through network deployment for Fixed or Mobile WiMAX designs. The announcement provides wireless OEMs with enormous performance and design flexibility and builds on Sundance's existing portfolio of multiprocessor solutions for advanced communications technologies including LTE (Long Term Evolution) and MIMO.

The SMT703 is built around a user programmable FPGA architecture that features the latest Xilinx Virtex 5 FPGAs. It is supported with two WiMAX RF transceivers that in turn are supported with a mixed signal front-end that integrates dual 12-bit ADCs and dual 12-bit DACs. For applications where increased processing logic is required or where the processing chain needs to be extended the scalable SMT703 is supplied with High-Speed Bus and RocketIO Serial Link connectors to attach additional multiprocessing modules or to interface to external signal generators or analyzers.

"Being the current focus for the world's WiMAX development community I'm delighted that we are able to launch the SMT703 at the WiMAX Forum Global Congress", said Sebastian Maury, Sundance Region Manager for the Americas. "The rapidly developing WiMAX market provides a growth opportunity for Sundance and with the SMT703 we have defined a new standard for development systems in terms of performance, accuracy and modular flexibility."

Sundance are initially rolling out the the SMT703 to the WiMAX, MIMO and wireless chipset design segment, and the WiMAX verification market. PXI Express compliant, its FPGA architecture, logic density and reprogrammability make it ideally suited to design houses targeting custom silicon, and its capability to act as an RF front-end and processing module can be used to qualify WiMAX designs.

The Maxim WiMAX transceivers mounted on the SMT703 are IEEE802.16-2004 compliant and support OFDM up to 64-QAM. They operate at 2.3 – 2.7 GHz and 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.

"With increasing convergence and evolving standards in the wireless market communications market, high density FPGAs are a natural choice for designers who want to deliver high throughout, low latency, highly optimized and flexible designs", said Flemming Christensen, managing director of Sundance Multiprocessor Technology Ltd. "The SMT703 WiMAX solution extends our leadership position and delivers the performance, user configurability and low power that today's WiMAX products need."

The SMT703 can be supplied with a range of LXT, FXT or SXT Virtex 5 FPGA devices. LXT devices are optimized for high-performance logic with low power serial connectivity, with the SXT devices optimized for DSP and memory-intensive applications with low-power serial connectivity. For embedded processing, high speed serial connectivity and embedded PowerPC, customers can select FXT devices.

For interfacing the SMT703 is fitted with SATA connectors and Fibre Optic modules carrying Virtex5 serial interfaces, LVDS Bus, RJ45 for gigabit Ethernet and a Rocket Serial Link (RSL) connector with 4 serial interfaces that are 3U PXI Express compliant.

Pricing for the SMT703 is subject to FPGA configuration. To reserve a product demonstration at WiMAX Forum please email enquiries@sundance.com or visit www.sundance.com

About Sundance

Sundance leads the world in the design and manufacture of mixed COTS digital signal processing and FPGA architectures. Sundance modular and customizable COTS hardware and software systems are easy to reconfigure to suit all high-speed I/O and signal processing applications, enabling the rapid prototyping and development of embedded systems. Designers and manufacturers of wireless infrastructures, satellite communications, industrial signal processing, sonar/radar, software defined radio (SDR), multimedia and telecommunications, all depend on the flexibility of Sundance's mixed DSP+FPGA platforms and systems to get their products to market – FAST!

Key design and manufacturing facilities are located in the UK, and mainland Europe and our worldwide network of agents – extending as far as Asia – provides quality service and support.

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