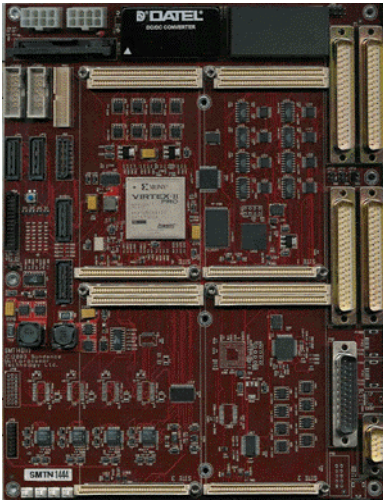


PRESS RELEASE

July 4, 2004

NEW SDR DEVELOPMENT PLATFORM FROM SUNDANCE

SUNDANCE



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RENO, NEVADA -- July 4, 2004 - Sundance, a developer of advanced system architectures for high performance signal processing applications, today announced its first entry level development system for the wireless and software defined radio (SDR) market, the [SMT148](#).

A fully configurable and expandable waveform development environment, the SMT148 is an ideal platform for programmable radio designers to investigate and develop multi-channel software programmable, hardware-configurable digital radio. With its programmability, flexibility and expandability, the SMT148 addresses the growing needs for a software configurable development hardware system.

This stand-alone development tool comes equipped with a configurable embedded controller that leverages the Xilinx® Virtex-II Pro™ FPGA with embedded IBM PowerPC 405 processor. The Virtex-II Pro FPGA is the primary component of the SMT148, and is supported by a powerful system architecture that includes the popular FireWire, USB interfaces, LVDS interfaces, and JTAG for debugging and downloads.

"We have combined a Xilinx Virtex-II Pro FPGA with high speed I/O channels that connect a variety of add-on modules directly to the FPGA, and produce a development tool with high levels of integration and flexibility" said Dr. Nory Nakhaee CEO of Sundance. "With its compact design that redefines integration and flexibility, the SMT148 is a perfect development platform for Software Defined Radio and waveform applications"

EDITORIAL ENQUIRIES

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One of the key benefits of the SMT148 is its expandability through a network of four TIM-based add-on sites. Fully interconnected and configurable through their communication ports, these sites are also connected to the embedded Virtex-II Pro FPGA and support a wide range of add-on modules. Sundance's large family of add-on modules, such as digital and analog converters, signal processors, reconfigurable computing modules, are fully compatible to the SMT148, and are supported by a family of software tools.

"By introducing its Virtex-based SMT148, Sundance takes advantage of the high-performance DSP acceleration capabilities and flexible connectivity solution of the FPGA to provide an affordable, flexible and reconfigurable development platform for software defined radio," said Jerry Banks, Xilinx marketing director of DSP Solutions.

Designed with a high level of integration, the SMT148 is particularly well suited for digital radio as it supports various types of inputs, data conversions, transceivers, network, and communication features. Powered by an external supply, the platform has an impressive topology that accepts input signals from various sources through a network of multi-pin connectors. This I/O flexibility enables designers to rapidly investigate and experiment with features of the Virtex-II Pro FPGA as well as those of the developed IP core.

"With a platform such as the SMT148, developing, testing and implementing SDR intellectual property cores is simplified" said Paul Master, CTO of QuickSilver Technologies, an SDR Forum member company. "Designers can focus on developing the IP without worrying about peripheral processing or I/O devices as these are simply off-the-shelf add-on IP blocks" he added.

About Sundance

Sundance is a UK-based, ISO 9000 Compliant, independent company headquartered Chesham, U.K., and with offices in the United States and Italy. The company designs, develops, manufactures and markets 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 so essential to multiprocessor systems where scalability and performance are important. 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 [Xilinx Xperts](#) and [MathWorks](#) Connection program member.