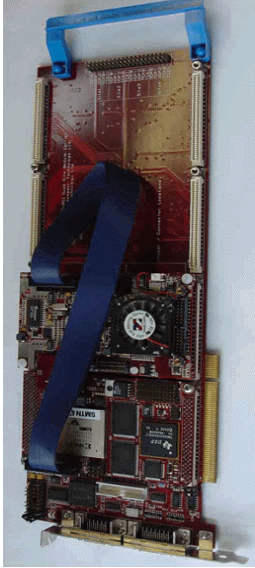


PRESS RELEASE

August 20, 2004



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Sundance releases its SDR development platform: SMT8090

RENO, NEVADA -- August 20, 2004 - Sundance's advanced signal processing and wireless technologies research and engineering group, today announced a cutting edge development and experimental platform for the wireless and telecommunication markets; the [SMT8090](#). The product, the result of the company's strong R&D heritage and multi-disciplinary engineering group, provides telecommunication designers with a highly integrated solution blending state of the art digital signal processing (DSP) processors, field programmable gate arrays (FPGA), and high throughput converters in a single, compact, and integrated environment.

"With the SMT 8090, Sundance is providing wireless and telecommunication system developers a pre-production prototype system platform that gives a unique cost cutting advantages," said Dr. Nory Nakhaee CEO of Sundance. "It helps reduce their development and time window by allowing them to immediately and rapidly test their 3G wireless designs without fumbling through long learning curves" concluded Nakhaee.

The SMT8090 is an integration feat where two daughter-cards (SMT338-VP and SMT390) are sandwiched together on a carrier board that ensures PCI connectivity. For signal, and reconfigurable processing, the system integrates two floating-point Texas Instruments TMS320C6713 processor running at 225MHz harmonized in a well-balanced architecture with a powerful Xilinx® Virtex-II Pro™ (2VP30) FPGA that integrates two IBM 400MHz

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PowerPC™ processors, and eight 3.125 Gbps full duplex serial transceivers.

"Sundance research engineers have truly taken a bold approach and have managed to maximize the unique features provided by the Virtex-II Pro FPGA for data acquisition platform development " said Jerry Banks, director of DSP Marketing at Xilinx. " The SMT8090 clearly demonstrates that Xilinx high –performance FPGAs are well suited not only for embedded control but for data acquisition systems as well."

Supported by 256 Mbytes of SDRAM for the TI DSP and 128Mbytes for the Xilinx FPGA the SMT8090 sports an 8Mbyte Flash ROM for boot code FPGA configuration and 'Stand-Alone' application, while I/O are articulated around two high-speed and high bandwidth Sundance High-speed buses (SHB). Leveraging LVDS signals built into the Virtex-II Pro FPGA, Sundance's R&D engineering developed a novel interface approach that separates control functions from noise-sensitive digital acquisition semiconductors. Two 12-bit, high speed analog to digital converters sampling up to 210Mhz are integrated on the daughter boards, and are optimized for dynamic performance in wide and broadband systems

"The SMT 8090 is a complete environment merged in a single homogenous device where you get the most advanced logic, highest performance, density, memory and Texas Instruments' cutting edge processing power" said Pierre Popovic, President of Cadre Codesign Technologies. "Our OEMs and customers continue to turn to us for embedded platforms that deliver leading edge technology, that can be used in many telecommunication applications and don't cost a fortune to own" added Popovic

The SMT8090 was designed to meet the needs of OEMs who are looking long lasting, flexible, and well integrated development platform to be used in a variety of embedded communication application. Sundance has carefully chosen its processing components and architecture, ensuring that OEMs can cost effectively leverage the SMT8090 flexibility in more than one implementation.

About Sundance research and engineering group

Sundance research and engineering group is UK-based, ISO9100-2000 Compliant, independent, and located Chesham. The group designs, develops, manufactures high performance signal processing and reconfigurable systems that are marketed by Sundance for original equipment manufacturers in the wireless and signal processing markets. Leveraging its engineering R&D heritage, 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 as well as a participant in TI TMS320™ third party network.

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This press release available at:

<http://www.sundance.com/docs/smt8090pr.pdf>