

# PRESS RELEASE

May 7, 2004



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## Sundance Achieves PXI Standard Using Texas Instruments and Xilinx Processors

**RENO, NEVADA** (May 7, 2004) – Sundance, a leading manufacturer of embedded high-performance DSP and FPGA hardware, announced today that it has joined the independent group of PXI compatible suppliers, <http://www.pxisa.org>. The initial Sundance offering meeting the PXI standard consists of two carrier cards, the [SMT300](#) (3U) and [SMT300Q](#) (6U). Sundance is the first PXI member to offer Texas Instruments (TI) TMS320C6000™ DSPs in a 3U format. TI's C6000™ platform includes the 1-GHz TMS3206416, the industry's fastest DSP, in both floating-point and fixed-point variations.

The SMT300 (3U) is designed to accommodate a single Sundance Texas Instruments Module (TIM). Sundance introduced its first TIM more than 10 years ago, and has maintained compatibility with each successive generation of TI digital signal processors. For more demanding control and instrumentation applications, multiple SMT300s can be cascaded to support multi-DSP/FPGA configurations.

The SMT300Q (6U) is designed for telecom, imaging and other suitable applications and offers four module sites in a 6U height format. The PXI-compliant DSPs are programmable using National Instruments' DSP Test Integration Toolkit:

<http://sine.ni.com/apps/we/nioc.vp?cid=11867&lang=US>

PXI is a variation of the CompactPCI standard, and mandates an enhanced set of control lines, external sync lines and a common clock signal. For a complete list of PXI members, visit:

<http://www.pxisa.org/list.htm>

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Sundance also offers the largest available FPGAs from Xilinx on the PXI platform. Sundance supports the latest version of Xilinx's Virtex II Pro, which can be used for cascading Sundance modules, featuring a built-in PowerPC core and up to 16 serial ports running at 2.5 GHz.

In QII 2004, Sundance will introduce native support for LabVIEW, with a subsequent roadmap supporting LabVIEW's Real Time Module. This will enable an application written within the LabVIEW environment to control a Sundance FPGA Module.

For more information, pricing and availability please contact:

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### **About Sundance**

Sundance is a leader in the design, development and manufacturing of high performance DSP, FPGA, Data Acquisition, I/O and Communication hardware. Its modular products and interconnectivity are essential to multiprocessor systems where scalability and performance are of utmost importance. With over 50 different modules and carriers for PCI, cPCI VME and Stand Alone platforms, Sundance provides solutions to various

industries such as semiconductor, pharmaceutical, and factory automation.

Sundance was founded by the current directors in 1989. The company is headquartered in Chesham, U.K. with offices in the United States and Italy. Sundance is ISO 9000 compliant.

More information on our products including nearest contacts can be found at [www.sundance.com](http://www.sundance.com) or by phone:

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### **About the Texas Instruments Third Party Program**

Sundance is a member of the TI TMS320™ third party network, the most extensive collection of DSP development support in the world. With more than 650 independent companies and consultants, TI's customers have easy access to a broad range of application software, development hardware/software and consulting services. For more information on the TI third party network, please visit <http://www.ti.com/3p>

This press release is available at: <http://www.sundance.com/docs/sjpxi.pdf>