Sundance SMT387 Enables DSP Writing to Serial ATA Disk

RENO, NEVADA (May 3, 2004) – Sundance, the world's leading manufacturer of DSP and FPGA based data acquisition and processing solutions, today introduced the SMT387, a DSP module offering direct support for dual Serial ATA hard disks. The module provides an integrated solution for real-time data logging on hard disks – without a host PC's involvement – and data processing by the onboard DSP and FPGA.

"The arrival of SMT387 bridges the gap between TI DSPs and SATA storage devices. The DSP brings a clean solution to real-time applications that require data acquisition, processing and saving large amount of data to hard disks," said Thomas Brooks, TMS320C6000 marketing manger, TI.

The SMT387 includes two Serial ATA controllers. It is designed for full integration with the Texas Instruments 600MHz TMS320C6415 DSP and the Xilinx Virtex-II Pro FPGA. SMT387 is compatible with an array of Sundance modules as either a slave or master, and can also run Stand Alone, using the on-module flash for booting and control of a disk array. This design offers the flexibility, performance and functionality needed for OEMs to design their own systems.

"SMT387 allows us to provide our customers with an even more complete solution by completely removing the bottleneck of sending data to a host PC for storage on hard disks", Sundance CEO and President Flemming Christiansen said.

EDITORIAL ENQUIRIES

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About SMT387

SMT387 is a small footprint Module that offers data processing via both the TI C6415 DSP and Virtex II VP7/VP20 Xilinx FPGA and with large data storage capability.

For inter-processor communication, SMT387 offers 4 full duplex Rocket Serial Link Channels each capable of data transfer speeds of up to 10 Gbits/sec.

SMT387 is supported on various platforms like PCI, cPCI, VXI and VME.

SMT387 is fully supported by SMT6087, a software package that shortens development time by providing ready-to-use interface to the Serial ATA drives. The software includes functions for data write, playback and transfer to the PC host system.

The SMT387 is available starting at $3895.00.

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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.

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/s387.pdf