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**Top ADC and DAC Module Goes Industrial**

*In response to popular industrial demand for its power-house DAQ module, Sundance Multiprocessor Technology of Chesham have created a new version of the best-selling SMT370, reengineered into an industrial variant.*

**/24-7PressRelease/** - LONDON, ENGLAND, January 09, 2008 -- In response to popular industrial demand for its power-house DAQ module, Sundance Multiprocessor Technology of Chesham have created a new version of the best-selling SMT370, reengineered into an industrial variant.

The standard SMT370 has for five years provided physicists, researchers, system engineers and scientists with a high-quality and tightly integrated analogue interface for their digital signal processing applications. Now, In addition to the installation of Industrial-rated components, the heat sink and fan arrangement of the standard version has been replaced by a custom-made anodized aluminium heat sink which doubles as a Faraday cage, protecting the analogue signals from noise. With no air-flow the system is rated to an ambient temperature of 40°C, with no moving parts to replace.

"After five years' success as a flagship dual-channel ADC and DAC module, it's time this flexible and capable product was available for more industrial purposes," said Flemming Christensen, managing director of the dynamic Chesham enterprise. "This is a significant milestone in our programme to bring our modular FPGA and DSP power to industrial applications."

The little SMT370-I offers a pair of 14-bit ADCs clocked at 105MHz and a pair of 16-bit DACs clocked up to 400MHz with interpolation. These are integrated with its large Xilinx Virtex -II FPGA. The module can be combined with Sundance's extensive range of DSP, FPGA, storage and radio modules to create full digital processing systems from COTS parts.

With comprehensive support from 3L Diamond FPGA, the SMT370 is easily integrated into complex arrays of modules, with all the otherwise tiresome configuration and communication functions handled behind the scenes using a simple but powerful GUI.

The SMT370-I is available now for a 10-off price of \$6245, with OEM prices available on request.

Sundance modules are supported by comprehensive firmware and software-development tools from leading suppliers, including TI, Xilinx and MathWorks. The use of Diamond tools from <http://www.3l.com> will kick-start any development using its leading-edge Eclipse-based IDE.

**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.

Web: [sundance.com/smt370](http://sundance.com/smt370) E-mail: [SMT370@sundance.com](mailto:SMT370@sundance.com)

High res image can be downloaded from: [clickintopr.com/editors/articleDetail.asp?pjID=539](http://clickintopr.com/editors/articleDetail.asp?pjID=539)

## More Information

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