

PRESS RELEASE

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VAST DIGITAL SIGNAL PROCESSING POWER PROMISED BY NEW COMPACT CIRCUIT BOARD FOR DSP DEVELOPERS

SUNDANCE

London – England A new compact DSP TIM, the SMT368, from Sundance Multiprocessor Technology, pushes the boundaries for performance. The board features the new Xilinx Virtex-4 SX35 FPGA with 192 XtremeDSP slices, each capable of operating at 500 MHz throughput. The SMT368 promises DSP professionals, system integrators, ASIC designers, digital design and prototyping engineers the ideal platform for their work and to help speed their products to market.

A copious 35,000 logic cells are available for customer designs, allowing them to create complex functions such as hundreds of intermediate frequency (IF) to baseband down conversions in radio applications. A 128X chip rate greatly enhances the design process of digital systems using spread spectrum techniques. The SMT368 is also highly capable for high definition H.264 and MPEG-4 encode/decode algorithms. Measuring only 105mm by 65mm and weighing in at a measly 58g the board is easy to integrate in any application.

In a modular TIM system, the SMT368 integrates with a large range of other DSP/FPGA modules and it is easy to connect to and interface with a host computer. In addition, the SLB (Sundance LVDS Bus) interface provides connection for Sundance mezzanine boards such as ADC and DAC modules for data acquisition or software radio systems.

Commenting for Sundance, Flemming Christensen, Sundance managing director said, "Time to market is a key concern for all developers. The SMT368 is made for high productivity and to shorten development times."

Sundance Multiprocessor Technology is based in the UK, and has offices in the USA and Italy. They specialise in providing design, manufacture and sales of DSP products and systems using the latest technology.

Full specifications and diagrams of the SMT368 are available on the company's website at www.sundance.com/w.asp?p=SMT368 and further advice on selecting the right equipment for DSP projects is available on (0)1494 793167 in the UK or (775) 827 3103 in the USA.

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