

DSP+FPGA Experts!

SUNDANCE MULTIPROCESSOR TECHNOLOGY

eNews

The "eNews" is a Sundance newsletter and will contain technical updates, product information and company news. If you do not want to receive "eNews", please unsubscribe with the link below. If you feel that a colleague would benefit from getting future issues, please forward the details using the subscription form below.

After the summer break, gear up for Virtex™-4!

Sundance enables DSP with the latest Xilinx FPGA to realise designs:

- that demand a high ratio of signal processing to logic,
- with high-performance logic and connectivity,
- with embedded processing and high-speed Rocket-IO Serial Links.

This draws attention to our range of LX, SX and FX FPGA-base modules. They will support all your innovation-driven signal processing applications, including the next generation of wireless communication systems such as smart antennas and MIMO.

[More Details](#)

Zoom in on FPGA-base modules

[SMT348LX160](#) is populated by a XC4VLX160 with a -11 speed grade. The FPGA allows running 16MB of QDR II at 250MHz. With 150,000 Logic Cells, it gives massive resources to tackle intensive implementations.

[SMT368SX35](#) is the middle range of the SX family with 192 XtremeDSP™ slices and 8MB of ZBT. This module is suitable for Rapid FFT processing and IF processing in SDR Development Stations.

[SMT348SX55](#) is a powerful combination offering 256 GMACs processing performance with a large amount of QDR II memory. This module is the ideal companion for DSPs in real-time processing systems.

[SMT339FX60](#) is the DM642 DSP module with the XC4VFX60 coprocessor to enable Multimedia applications ranging from VoIP up to HDTV and video compression.

All of these modules implement the Sundance LVDS Bus to interface to the outside world or connect to Sundance's mezzanine modules (from Dual ADCs and DACs at 1Gsps, to Quad ADCs at 125Msps).

[More Details](#)

September 2006

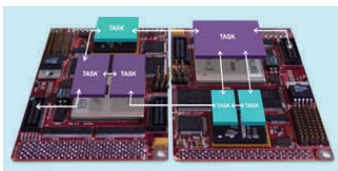


Sundance Virtex-4 FPGAs

Newsletter Spotlight

- [Virtex™-4 FPGA](#)
- [FPGA-base modules](#)
- [Diamond DSP & FPGA](#)
- [Wireless MIMO paper](#)
- [Brand new Homepage](#)
- [Distributors](#)

Advanced software technology for All



Diamond for Sundance

Sundance does COTS for COST to get you to market — FAST!

But you should know that your design can get "jet wings" with [Diamond DSP design tools](#) for Sundance's modules.

Diamond DSP and FPGA helps all System designers, Hardware designers and Algorithm developers to speed up developments.

Through advanced software technology, Diamond reduces your final project costs by slashing your deadlines.

[More Details](#)

Questions or comments? Please email us at feedback@sundance.com

If you would prefer not to receive future issues of eNews, you may [unsubscribe](#).

To make sure you get the future issues of eNews, you may [subscribe](#).

Sometimes anti-spam services stop you reading what you want. To be sure your regular copy of eNews does not get blocked, just add the Sundance email address listmembers@sundance.com to the list of "Safe Senders" in your email program.

