

DSP/FPGA eNews – January 2007

- PCI Development Boards for the PNX1500 and PNX1700 TriMedia/Nexperia Processors
- DM643x Processors Enable Cost-Sensitive Media Applications
- DaVinci Technology Seminar Now Available as FREE Online Training
- New Lowest-Cost Floating-Point C6720 DSP Features Exceptional Versatility
- ZestSC2 FPGA USB Board
- DCAM Video Frame Capture Development EVM-Kit
- XDS560R USB Emulator PowerPoint Presentation
- Reduced Softbaugh Pricing
- RF Demo System
- Airbee ZNS Stack
- SigC5561-7x7-PTMC OC3 Capacity VoP/DSP Resource Card

+++++

PCI Development Boards for the PNX1500 and PNX1700 TriMedia/Nexperia Processors



The VCP is a PCI based hardware platform for the development of PNX1500 (including PNX0190 and PNX9520) or PNX1700 applications and algorithms where the PC is used as the I/O subsystem during development. The VCP1500 can also be used for TriMedia TSSA based algorithm development for PNX8950 platforms.

Visit [VCP](#) for further information

+++++

DM643x Processors Enable Cost-Sensitive Digital Media Applications



TI's DaVinci(TM) processors have broken the \$10 barrier, enabling designers to apply TI's digital-media-optimized technology in cost-sensitive applications such as automotive- and machine-vision systems, video security, IP set-top boxes and video telephony. All four new TMS320DM643x processors take full advantage of DaVinci technology's software and development infrastructure, enabling designers to focus on application functionality.

Visit [DaVinci Processors](#) for further information

+++++

+++++

DaVinci Technology Seminar Now Available as FREE Online Training



Download this highly-technical seminar to explore the hardware, software and system capabilities of TMS320DM644x DaVinci(TM) technology-based devices right from your desktop.

Visit [DaVinci Seminar](#) for further information

+++++

New Lowest-Cost Floating-Point C6720 DSP Features Exceptional Versatility



TI has introduced the new TMS320C6720 DSP, the industry's lowest-cost floating-point DSP, that's ideal for musical instruments, medical devices, biometrics, radio broadcasting, audio conferencing and instrumentation as well as many other applications. The C6720 floating-point DSP can significantly decrease your time-to-market by eliminating the need to convert floating-point prototypes into fixed-point designs.

Visit [C6720](#) for further information

+++++

ZestSC2 FPGA USB Board



ZestSC2 is an FPGA board that connects to a host PC through High Speed USB (480Mbits/s) and achieves a sustained USB bandwidth of 34Mbytes/s. The board is intended for applications such as data acquisition, control and image processing. It can be used for FPGA development work, prototyping, training and demonstrations.

Visit [ZestSC2](#) for further information

+++++

+++++

DCAM Video Frame Capture Development EVM-Kit



The DCAM Frame Capture Development Kit combines the features of the UC1394a-3 ultra small DSP/FPGA/IEEE1394 platform with software support for industrial digital cameras. The result is a development environment where the user can focus on his application rather than dealing with IEEE1394 details. The Kit uses the DSP Master FPGA design for high-speed transfer of image data to the DSP or SDRAM. Full camera control and access to all DCAM features is provided by the DCAM Frame Capture API.

Visit [UC1394a-3](#) for further information

+++++

XDS560R USB Emulator PowerPoint Presentation



The XDS560R USB JTAG Emulator supports Texas Instruments Digital Signal Processors and Microcontrollers with a JTAG interface (F28xx, C54xx, C55xx, C6xxx, DaVinci™, TMS470 ARM9, OMAP). Spectrum Digital have issued a PowerPoint Presentation for the XDS560R USB JTAG Emulator.

Visit [XDS560R](#) for further information

+++++

Reduced Softbaugh Prices



Softbaugh have reduced pricing on all of their FTDI-based MSP430 USB Boards. The FT series of boards feature USB power switching optimised for low-power MSP430 handheld applications power from a single AAA and a variety of peripherals and a prototyping are.

Email sales@kanecomputing.com for further information

+++++

+++++

RF Demo System



Softbaugh have just released a module 915MHz RF Demo System, the MRF1611CC1100. This module features the Chipcon CC1100 combined with an MSP430F1611 to allow convenient packet radio applications. This system is also available with optional HMRF1611 host modules for laboratory use. These host modules supply power, switches and other interface features for the RF modules.

Visit [RF Demo](#) for further information

+++++

Airbee ZNS Stack



Softbaugh are now supplying the Airbee ZNS Stack which is the full version of the Zigbee stack that is made by Airbee to work with Softbaugh's DZ1611/DZ1612, DZMD1612 and DRFG4618 boards and the upcoming MRF16611CC2420.

Email sales@kanecomputing.com for further information

+++++

SigC5561-7x7-PTMC OC3 Capacity VoP/DSP Resource Card



The SigC5561-7x7-PTMC contains DSP resources, packet aggregation, processing and routing functions and TDM and network interfaces in the standard PMC mechanical form-factor. The card provides a scalable, high-density solution for next generation VoIP and VoATM infrastructure and carrier class products and equipment. The card is particularly intended for applications where less space and fewer card slots are required.

Visit [SigC5561](#) for further information

+++++

This eNews is published by Kane Computing Ltd, distributors of DSP/FPGA, Broadcast, Image Processing, Machine Vision, Audio/Video Compression and Telecommunications Solutions.

Kane Computing Ltd respects your online time and privacy. We only send this eNews to our customers and people who have signed up to receive it, however, if you would prefer not to receive future issues of eNews, you may unsubscribe by sending an email to unsubscribe@kanecomputing.com, placing unsubscribe in the 'Subject' line.

If you have received this eNews forwarded from a colleague or friend, you may subscribe yourself by emailing sales@kanecomputing.com and placing 'Subscribe – DSP' in the 'Subject' line.

Copyright: Kane Computing Ltd 2007

+++++