

## DSP/FPGA Hardware News from KCL – June 2007

KCL are pleased to provide information on a number of new DSP hardware products and announcements.

- DSKeye Camera Daughtercard Upgrade
- Ethernet Daughtercard for F2812 eZdsp
- RS-232 Daughtercards for F2812 eZdsp
- Data Acquisition Card for F2812 eZdsp
- DM6437 Development Platform
- DM6441 Digital Media Processor

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### DSKeye Camera Daughtercard Upgrade



The popular DSKeye camera daughtercard has been upgraded to 'DSKeye-gigabit' with a 5.2 megapixel camera, Cyclone I FPGA, Santa Cruz expansion interface and 10/100/1000 gigabit Ethernet interface.

Visit [DSKeye-gigabit](#) for further information.

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### Ethernet Daughtercard for F2812 eZdsp



The eZdsk.91C111 provides dual speed 10/100 Mbps Ethernet communications to the F2812 eZdsp for distributed control applications. The optimised TCP/IP stack can run as a DSP/BIOS task without an RTOS.

Visit [eZdsk.91C111](#) for further information.

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## RS-232 Daughtercards for F2812 eZdsp



The Model LR-F2812COM series of daughtercards provide a quick and easy way of adding two independent serial ports to the Spectrum Digital F2812 eZdsp™ development system. Two basic versions are available: a standard RS-232 version and a fiber optic version for true galvanic isolation applications.

Visit [LR-F2812COM](#) for further information.

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## Data Acquisition Card for F2812 eZdsp



Shown mounted on the F2812 eZdsp

The Link Research model LR-F2812DAQ is a precision, 14-bit data acquisition daughtercard designed for multi-phase power system applications. The daughtercard mates with the eZdsp™ DSP development system made by Spectrum Digital, Inc. The board contains four 14-bit A/D channels and eight 14-bit D/A channels. The A/Ds can operate at up to 100 kHz sampling rate. The board is designed to support a maximum of 8 A/D and 8 D/A channels.

Visit [LR-F2812DAQ](#) for further information

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## DM6437 Development Platform



A new low cost TMS320DM6437 Digital Video Development Platform (DVDP) is now available from KCL. The new DVDP includes both hardware and software for immediate evaluation of the DM6437 processor.

Visit [DVDP](#) for further information.

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**DM6441 Digital Media Processor**

The new DM6441 processor offers reduced cost and dual power modes for portable video applications. As well as the dual-core ARM/DSP processors, key peripherals include Ethernet, MMC and SD card interfaces, ATA hard disk drive interface, USB 2.0 and multiple UARTs. In addition, the power optimisation of the device makes it possible for developers to implement power over Ethernet, which is suitable for many video security systems.

Visit [DM6441](#) for further information.

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