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New DSP Products from KCL

Please see details of new DSP related products from KCL.

- OMAP3 EVM
- DM365 Digital Video Evaluation Module
- DM368 based products and systems
- DM6467 DaVinci HD Evaluation Module
- Multi-channel Audio Board for DA830 EVM/OMAP-L137 Starter Kit
- User Interface Board for DA820 EVM/OMAP-L137 Starter Kit
- EVP6472 Embedded Development Platform
- Voice Applications for C6472
- VoIP Chips
- Narrow band and wideband Speech Codecs
- Low Latency HD Codecs

OMAP3 EVM

Mistral's new OMAP3 EVM is designed with a modular and extendable architecture and helps developers leverage the benefits of the powerful OMAP3530 processor comprising of advanced Superscaler ARM Cortex-A8 RISC core with NEON co-processing, IVA2.2 subsystem with a C64x+ digital signal processor (DSP) core and SGX subsystem for 2D and 3D Graphics acceleration. The improved features of the new OMAP3 EVM as compared to the previous OMAP3 EVM build include a USB host - EHCI, USB OTG, video-out/video-in and 3 megapixel camera module support.



[More Information](#) ▶

DM365 Digital Video Evaluation Module

New Evaluation Module from Spectrum Digital. DM365 ARM9 processor operating at 300MHz, multiple video inputs and outputs, demonstration MontaVista Pro and TI Linux based DVSDK.



[More Information](#) ▶

DM368 based products and systems

Z3 have launched a low power multimedia 1080p encoder/decoder module based on the Texas Instruments DM368 DaVinci series processor. The Z3-DM368-RPS module is 60mm x 67mm in size and supports up to 1080p 30fps H.264 playback and 1080p 30fps H.264 encode and stream. As well as the production ready processing module, a development kit and an interface board are also available.

[More Information](#)**DM6467 DaVinci HD Evaluation Module**

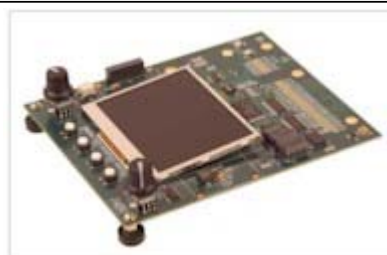
New Evaluation Module from Spectrum Digital.

[More Information](#)**Multi-channel Audio Board for DA830 EVM/OMAP-L137 Starter Kit**

New Audio Board from Spectrum Digital.

[More Information](#)**User Interface Board for DA830 EVM/OMAP-L137 Starter Kit**

New Interface Board from Spectrum Digital.

[More Information](#)**EVP6472 Embedded Development Platform**

The EVP6472 module features dual C6472 DSPs and a Virtex 5 FPGA (with embedded power PC) and is fitted onto a carrier card. The development platform is supported by Code Composer Studio and the 3L Diamond multi-processor toolset.



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Voice Applications for C6472

Adaptive Digital Technologies has announced the availability of integration-ready solutions for high-end voice applications leveraging Texas Instruments' (TI) new power-efficient C6472 six-core DSP enabling developers to implement high-density, multi-channel, voice-over-packet applications in the shortest possible time with maximum processing performance.



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VoIP Chips

The Adaptive Digital Telecom / VoIP DSP Chip Family combines Adaptive Digital's proven DSP algorithms and G.PAK application framework with Texas Instruments' digital signal processors to provide scalable, turnkey DSP 'chips' for the following applications:

- VoIP Gateway / PBX
- TDM and Packet Echo Cancellation
- Conference
- Transcoding



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Narrow band and wideband Speech Codecs

Adaptive Digital offer both narrow band and wide band speech codecs for the following TI Processors: DM646x, DM644x, DM643x, DM64x, C55x, C54x, C672x, C67x, C645x, C6414T/15T/16T, C642x and C6410/12/13/18.



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Low Latency HD Codecs

Ittiam announces its suite of ultra low-latency streaming system for latency sensitive applications. With an end-to-end latency as low as 60 ms for High Definition (HD) video, these systems are extensible for rapid realisation of custom fast response interactive video applications. The rich low-latency toolset helps in achieving ultra low delays in various application scenarios without compromising on the quality of service.



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