

Adaptive Digital introduces integration-ready solutions for Texas Instruments' TMS320C6472™ multi-core DSP, supporting high-density, VoIP, and traditional telecommunications applications

Adaptive Digital Technologies (Adaptive Digital) is announcing the availability of integration-ready solutions for high-end voice applications leveraging Texas Instruments' (TI) new power-efficient TMS320C6472™ six-core digital signal processor (DSP) enabling developers to implement high-density, multi-channel, voice-over-packet applications in the shortest possible time with maximum processing performance. By incorporating Adaptive Digital's proven solutions with TI's new C6472 multi-core device, product developers can minimize solution development time while maximizing the power efficiency of their VoIP applications.

The C6472 high-performance multi-core DSP is targeted at process-intensive applications requiring low-power consumption, such as high-end industrial VoIP gateways, wireless media gateways, and remote access servers. Designed with these memory intensive telephony infrastructure applications in mind, TI's C6472 expansive on-chip available memory eliminates the need for external memory, therefore reducing system power dissipation and improving the cost effectiveness of the equipment.

Adaptive Digital's DSP software solutions address the need for high-density VoIP, and traditional telecommunications applications. The implementation-ready application solutions include high-density VoIP, AT&T-certified G.168 echo cancellation, conferencing, and transcoding. The solutions are turn-key, but also include host API software to simplify the process of integrating a host processor with the DSP application. The result is fast time to market. By porting G.PAK™ Voice-over-packet DSP software solution framework, and its application specific software and chips, Adaptive Digital is enabling developers to immediately take advantage of the TI's newest multi-core device. For more information about TI's C6472, please visit: www.ti.com/c6472-pr-3p2

For more information please contact: Miss Pauline Lightburn on Tel; 01606 351006
Fax: 01606 351007, E-Mail: pauline@kanecomputing.com

www.kanecomputing.co.uk

Kane Computing Ltd - 7 Theatre Court, London Road, Northwich, Cheshire, CW9 5HB

Adaptive Digital introduces integration-ready solutions for Texas Instruments' TMS320C6472™ multi-core DSP, supporting high-density, VoIP, and traditional telecommunications applications

The combination of TI's C6472 multi-core DSP and Adaptive Digital's field-tested algorithms and G.PAK framework, provide a solid foundation for the development of high-quality, differentiated telecom products. Manufacturers of sophisticated telecom applications can now achieve maximum product capability in conjunction with the best power efficiency. For more information on Adaptive Digital's solutions, please visit:

http://www.adaptivedigital.com/product/solution/chip_sol.htm

About Adaptive Digital's G.PAK™ Framework

Since its conception in 2002, G.PAK has been the keystone technology behind the many solutions that Adaptive Digital provides its customers. G.PAK is a scalable and configurable voice-over-packet DSP software solution that turns a digital signal processor chip into an easily controlled voice-over-packet engine. By including only the components, channel types, and peripherals required by a specific application, G.PAK generates a cost-effective, customer specific, downloadable DSP software image. System designers can therefore leverage a proven solution, allowing them to focus their efforts on rapid product development. Additionally, DSP application source code is available, thereby empowering systems integrators to modify the application, adding any necessary customizations.

G.PAK always supports G.711 and can be configured at build time to optionally support G.726 (16, 24, 32, and 40 kbps), G.729AB, G.723.1, G.168 Plus™ packet, G.168, Automatic Gain Control (AGC), Voice Activity Detection (VAD), Comfort Noise Generation (CNG), Tone Relay (DTMF, MFR1, MFR2 Forward, and/or MFR2 Reverse), T.38 Fax Relay, and RTP/SRTP. G.168 can be configured to operate on PCM and/or packet data.

For more information please contact: Miss Pauline Lightburn on Tel; 01606 351006
Fax: 01606 351007, E-Mail:pauline@kanecomputing.com

www.kanecomputing.co.uk

Kane Computing Ltd - 7 Theatre Court, London Road, Northwich, Cheshire, CW9 5HB

Adaptive Digital introduces integration-ready solutions for Texas Instruments' TMS320C6472™ multi-core DSP, supporting high-density, VoIP, and traditional telecommunications applications

About Adaptive Digital Technologies

Adaptive Digital (www.adaptivedigital.com) continues to meet and exceed the current and future requirements of service providers, equipment manufacturers, system integrators and developers by bringing superior voice quality to speech-based applications. Adaptive Digital's highly optimized DSP Algorithms/Solutions include network, line, and acoustic echo cancellation, high-density conferencing, speech compression, telephony, and voice quality algorithms. Recognized internationally for its quality software, Adaptive Digital's customers include British Telecom, Cisco Systems Inc., Cantata Technology, Digium®, General Dynamics, Motorola, Northrop Grumman, Sonus, and Texas Instruments. Adaptive Digital is a member of the Texas Instruments' Third Party Developer Network and is located in suburban Philadelphia, Pennsylvania (USA).

About the Texas Instruments Developer Network

Adaptive Digital is a member of the TI Developer Network, a community of respected, well-established companies offering products and services based on TI analog and digital technology. The Network provides a broad range of end-equipment solutions; embedded software, engineering services and development tools that help customers accelerate innovation to make the world smarter, healthier, safer, greener and more fun.
www.ti.com/dspdevnetwork

Trademarks

TMS320C64x+ and C64x+ are trademarks of Texas Instruments. All other trademarks and registered trademarks belong to their respective owners.

About Kane Computing

KCL (www.kanecomputing.co.uk) has been providing Image Processing, DSP and high performance computing products for use in industry, education and research since 1987 and is a Texas Instruments Third Party Partner specialising in consultancy and advice on TI development tools/platforms and image processing applications. KCL have extensive knowledge and experience of providing video compression solutions for many industries particularly for digital video security and high quality broadcast applications. KCL has a policy of continual improvement and operates its business in accordance with the requirements of ISO9001:2000.

-END-

For more information please contact: Miss Pauline Lightburn on Tel; 01606 351006

Fax: 01606 351007, E-Mail: pauline@kanecomputing.com

www.kanecomputing.co.uk

Kane Computing Ltd - 7 Theatre Court, London Road, Northwich, Cheshire, CW9 5HB