

Press Release

Renesas Technology Corp. adds Coding Technologies' MPEG-4 aacPlus to the SH-Mobile platform

SH Mobile Application Processor software available from November 20

Nuernberg, November 1, 2004 — Coding Technologies, the leading provider of audio compression technology for mobile, broadcasting, and the Internet, announced today that Renesas Technology now offers MPEG-4 aacPlus on their SH-Mobile Application Processor. Mobile phone manufacturers using Renesas' SH-Mobile chipset can now easily include Coding Technologies' aacPlus audio decoding capabilities into their handsets.

As the leading supplier of application processor for mobile phones, Renesas offers an optimized implementation of aacPlus that exploits the full potential of the SH-Mobile's on-chip DSP (digital signal processor). Being the most efficient audio codec worldwide, aacPlus is the key enabler fuelling the growth of new mobile music download and streaming services. Its inclusion in the SH-Mobile platform continues the adoption of aacPlus as the common denominator codec across markets.

"As a major player in the mobile field, Renesas has clearly recognized aacPlus as the upcoming standard for these exciting new music services", said Stefan Meltzer, Vice President Business development of Coding Technologies. "We are looking forward to a broad deployment of terminals offering aacPlus support via the SH-Mobile platform."

"Handsetmakers and carriers are demanding aacPlus", said Hideaki Chaki, general manager, System Design Div. of Renesas Technology Corp.

"Mobile music services are unquestionable the next big topic in the mobile business, and aacPlus is the effective choice for music and video distribution services."

Coding Technologies

Coding Technologies provides the best audio compression for mobile, broadcasting, and Internet. SBR™ (Spectral Band Replication) from Coding Technologies is a backward and forward compatible method to enhance the efficiency of any audio codec; putting the "PRO" in mp3PRO and the "Plus" in aacPlus. Parametric Stereo from Coding Technologies and Philips again significantly increases the efficiency of audio codecs for stereo signals at low bit rates. Products from Coding Technologies are fundamental enablers of open standards such as MPEG, 3GPP, Digital Radio Mondiale, HD Radio, and the DVD Forum.

Coding Technologies is a privately held company with offices in Sweden, Germany, and Silicon Valley. Founded in 1997 in Stockholm, the company later merged with a spin-off of the renowned Fraunhofer Institute in Germany, the inventor of MP3. Coding Technologies' customers include America Online, iBiquity Digital, KDDI, mmO2, Nokia, RealNetworks, SK Telecom, Texas Instruments, Vodafone, and XM Satellite Radio.

For more information, visit www.codingtechnologies.com.

Renesas Technology Corp.

Renesas Technology Corp. designs and manufactures highly integrated semiconductor system solutions for mobile, automotive and PC and Audio Visual markets. Established on April 1, 2003 as a joint venture between Hitachi, Ltd. (TSE:6501, NYSE:HIT) and Mitsubishi Electric Corporation (TSE:6503) and headquartered in Tokyo, Japan, Renesas Technology is one of the largest semiconductor companies in the world and the number one microcontroller supplier globally. Besides microcontrollers, Renesas Technology offers system-on-chip devices, Smart Card ICs, mixed-signal products, flash memories, SRAMs and more.

For more information, visit www.renesas.com.

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