Hantro unveils new generation of hardware video IP cores capable of High Definition resolution encoding and decoding

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The First Configurable High Definition MPEG-4/H.263/H.264/JPEG/VC-1 Video IP Cores for Wireless IC's
October 3rd, ARM Developers Conference, Santa Clara - Targeting the emerging wireless High Definition (HD) video market Hantro announces the availability of 6280 encoder and 7190 decoder IP cores capable of encoding and decoding 1280 x 720 (720p) resolution video content.

6280 Multi-format encoder core incorporates Hantro's latest innovation on image perfection; built-in hardware video stabilization based on Hantro's proprietary, patent pending image analysis technology that removes the undesired shaky hand effect from the raw video source before compression. This advanced feature enables state of the art video record applications in the wireless handsets, such as camcorder and video telephony.

Multi-format 7190 decoder will fully support VC-1 Main Profile also used in the popular Windows Media Video 9 (WMV9) technology. 7190 decoder enables implementation of applications such IPTV and DVB-H client implementations using H.264 or VC-1 video standards in wireless handsets even up to HD 720p resolution.

"7190 and 6280 products are the first line of High Definition resolution IP products from Hantro. Our configurable architecture allows optimal configuration of the IP core for various resolutions thus making it the most flexible hardware video IP in the market" says Jani Huoponen, VP of Product Strategy.

"We're happy to expand our IP offering for supporting HD video in mobile devices. Our extensive video IP portfolio ensures our position as the leading video IP supplier for the top tier semiconductor houses."

With several lead customer projects already ongoing, early-on RTL releases for IC integration and development are available today, and final RTL for silicon manufacturing is ready late Q4-2006.

About Hantro's image analysis technology

Hantro's proprietary patent pending image analysis technology allows fast, high quality analysis of image data for implementing advanced imaging functions, for instance digital video stabilization. Video stabilization based on the image analysis technology is available in both hardware and software.