

Socionext Creates New Videos Highlighting the Company's Leading Edge SoC and Standard Products, ASIC Technologies

-- Videos Detail Advanced ASIC Solutions for Servers, Imaging, Networking, Custom SoCs, Video Delivery Products, and Ultra High Speed CMOS Data Converters for Telecommunications, Datacomm

Sunnyvale, Calif., September 15, 2015 --- Socionext America Inc. (SNA), a new leader in advanced custom SoC design technology, today introduced a set of video presentations that describe and detail Socionext's global leadership in high-performance ASIC, SoC, CMOS data converter, and standard product solutions.

"Socionext provides a strong technological base, with a focus on networking and imaging technologies that offers our customers the most advanced solutions and optimal product quality," said Satoru "Ethan" Yamaguchi, SNA President and CEO. "As these videos will demonstrate, we are committed to develop exciting, breakthrough products to meet current and future requirements, and to support a sustainable, visionary technology that can benefit society worldwide."

Video Presentations Highlight SoC Solutions, Networking and Data Communications Products

The video highlights all the key products Socionext designs and develops, including advanced high performance SoC solutions for the server, storage and networking marketing with silicon featured in supercomputers, high-end storage systems. The portfolio includes 100G networking products and specialized computing platforms, with a total of more than 900 designs from 90nm to 200nm.

Watch the video: https://youtu.be/7W7g_GrtwDE

Advanced CMOS Converter Technology

The new video series describes the company's advanced CMOS converter technology, which is used throughout the 100G and 400G optical networks that power today's Internet, and enable terabit networks. Among other leading products are the industry's first 4-channel 56GSa/s ADC based on a vertically integrated 65nm CMOS process, and a 4-channel 65Gbp/s DAC. Using these converters and working closely with system partners Socionext has developed a fully integrated, single-wavelength, 100Gbps CMOS coherent transceiver.

Watch the video: <https://youtu.be/6TxvUXc8-BU>

Portfolio of Standard Products

Socionext has leveraged its expertise with advanced codec development to produce the first HEVC encoder chip, the M31, a compact design supporting 4K/ 60 frames per second. The M31's 10-bit color profile produces high end video quality that lets broadcast systems deliver 4K/ 60p, which is more cost-effective than software-based systems. A single M31 encoder consuming under 10 watts can replace up to 48 Xeon-class processors, which consume 100 times more power.

The company also offers a comprehensive security camera solution with high-quality 4K images for camera input and network video recording (NVR). Users can monitor a wide area, and recognize or zoom in on people or objects to generate next-generation, high quality, and very clear 4K images. SNA's technology processes images captured from a 360°, all-around-view camera using distortion correction, clipping, super-resolution zoom, panoramic view, and other features.

In addition are SNA's complementary products such as the world's smallest WiGig module, complete with an integrated antenna. This compact device enables a 1080p movie to be downloaded in as little as three minutes, compared with up to an hour over traditional Wi-Fi, while consuming just 0.7mW.

Watch the video: <https://youtu.be/6w4B3EkQQ2Q>

About Socionext Inc.

Socionext is a new, innovative enterprise that designs, develops and delivers System-on-Chip products to customers worldwide. The company is focused on imaging, networking and other dynamic technologies that drive today's leading-edge applications. Socionext combines world-class expertise, experience, and an extensive IP portfolio to provide exceptional solutions and ensure a better quality of experience for customers. Founded in 2015, Socionext Inc. is headquartered in Yokohama, and has offices in Japan, Asia, United States and Europe to lead its product development and sales activities. For more information, visit socionext.com.

For product information, visit the company's website at <http://www.socionext.com>, e-mail sna_inquiry@us.socionext.com or call 1-844-680-3453. For company news and updates, connect with us on Twitter (<https://www.twitter.com/socionextus>) and Facebook (<https://www.facebook.com/socionextus>)

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