socionext™
for better quality of experience

Socionext to Showcase Its Latest Solutions
at ICCAD 2018

Shanghai China, November 16, 2018 --- Socionext Inc. will showcase its latest solutions at ICCAD (Zhuhai, November 29-30, 2018), booth No.118~119.
https://www.cicmag.com/bbx/856303-856303.html

ICCAD is the most important annual event of China's IC design industry. The theme of this year's conference is "Linking Core Power, Leading intelligence of the Great Bay Area", opportunities and challenges faced by the IC industry, especially the IC design industry will be deeply discussed. As a leading company in IC industry, Socionext will showcase several latest solutions, which includes networking, in-vehicle graphics SoC, image processor, etc. Moreover, there are two keynote speeches will be given from Socionext.

SerDes Macro
With transmission performance of 1Gbps–56Gbps per channel and a configuration comprised of multiple channels, Socionext provides a high-performance SerDes macro for constructing 100G/200G/400G optical networks or 100G Ether systems. The built-in low-jitter, high-performance PLL enables robust transmission up to 56 Gbps per channel.

CGI Studio
CGI Studio is a scalable and hardware independent HMI and GUI design software for developing digital instrument clusters, head-up displays, infotainment systems (IVI), rear seat entertainment and many more. The special USP of CGI Studio lies in the representation of 2D /3D display elements but it also includes features such as multilingualism, particularly sophisticated safety functions and a reliable and worldwide customer service. Numerous automotive manufacturers and suppliers worldwide rely on this innovative software tool.

In-vehicle Graphics SoC SC1810
The SC1810 is the ideal solution for in-vehicle graphics display applications such as digital clusters, central HMI and surround view systems. It's high-resolution 3D graphics capability, handling of 6 channels of full HD video inputs and 3 channels of full HD display outputs means it can handle a variety of input and output controls. Besides that the SC1810 is the World's FIRST graphics display controller with the OpenVX hardware accelerator and programmable data parallel accelerator, which means advanced image recognition as well as many other functions that are all achieved at high-speed and with low-power consumption.

4ch Camera Image processor M10V
The M10V makes it possible to stitch the video captured from at most 4 cameras and perform video captures up to 4K60fps. When using a fish-eye lens, it's possible to capture a video by the wider field

angle by correcting the distortion in real time. The M10V can also provide smooth and stable images using powerful EIS for action camera, drone and surveillance camera, in which the camera body itself is in motion.

SynQuacer™

Socionext offers a broad range of solutions for processing of IoT applications, from the edge to the cloud, using the company's new, 64-bit high efficiency multi-core processor "SC2A11" at their cores. SC2A11 delivers high-speed distributed processing and significant low power consumption with its multi-core architecture and added security features such as data protection from unauthorized access.

Keynote Speeches at Conference Hall

Date: 29 November 2018, 17:10～17:30
Venue: Zhuhai Ballroom, L4, Zhuhai International Convention & Exhibition Center
Forum: Top Forum
Topic: The AIoT (AI+IoT) World made by SoC
Speaker: Toshiya Suzuki, Chairman & President, Socionext Technology (Shanghai) Co., Ltd.

Date: 30 November 2018, 10:00～10:20
Venue: Zhuhai Ballroom, L4, Zhuhai International Convention & Exhibition Center
Forum: Subject Forum (II)
Topic: Challenges of building high performance ADAS SoC
Speaker: Kenn Liu, General Manager of Advanced Custom SoC Division, Socionext Technology (Shanghai) Co., Ltd.

Press Inquiry

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About Socionext Inc.

Socionext is a global, innovative enterprise that designs, develops and delivers System-on-Chip solutions to customers worldwide. The company is focused on imaging, networking, computing 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 www.socionext.com .

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