

## Socionext Starts Offering Graphics IP "SEERIS"

**Yokohama November 13, 2017** --- Socionext Inc, a leading provider of SoC-based graphics solutions, today announced that the company has integrated an IP from its high-performance graphics engine. The "SEERIS® graphics engine IP", which has been proven on its SoC products, is now being offered to its ASIC customers, as well as customers who develop their own SoCs. Socionext will demonstrate how SEERIS will help users to achieve functionalities required in various applications at the "Embedded Technology 2017" show in Yokohama, Japan, November 15-17, at booth B-14.

<http://www.jasa.or.jp/expo/english/>

Socionext, with its graphic display controller SoC products, has a track record of providing solutions such as unified control of multiple screens and the 360-degree wrap around view system, to meet the various needs of automotive and other applications. Socionext has integrated its graphics functionalities, which have been developed and used in its own graphics processors, by utilizing its technologies and knowledge for wider applications. Therefore taking full advantage of its engineering expertise gained in the delivery of graphics products and services. The company started offering the IP under "SEERIS" brand, to the company's ASIC customers, as well as customers who develop their own SoCs.

SEERIS consists of three blocks: The Capture Engine, the 2D/2.5D Graphics Engine, and the Displays Engine. The Capture Engine accepts multiple input formats including YUV and RGB. The Graphics Engine offers 2D processing by BitBLT engine, and rich functions such as warping (2.5D), multi-layer processing, copying, blending, enlargement & reduction, horizontal & vertical flip, rotation, and many others. The Displays Engine supports up to 4K resolution and is capable of handling various combinations of resolutions and screen sizes. SEERIS is also equipped with safety features that can detect the sticking or disturbance of images, so it is used in applications which require a high standard of safety.

Customers using SEERIS will be able to configure these blocks according to their specific needs, to provide quality video experiences in a wide range of applications, including automotive, consumer, medical equipment, and connected homes. SEERIS helps to develop SoCs in a shorter time and therefore get them to market faster.

Socionext, as a leading provider of SoC-based solutions, will continue to develop and deliver products and services which will serve the variety of video and image display needs.

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For Press Inquiry

Public Relations

Socionext Inc.

Tel: +81-45-568-1006

Inquiry Form <http://socionext.com/en/contact/>

For Customer Inquiry:  
Socionext Inc.  
IoT & Graphics Solution Business Unit  
Tel: +81-45-568-2040

For further information, visit:

SEERIS Graphics Engine IP page on Socionext website:

<http://www.eu.socionext.com/products/graphics-solutions/seerisr-graphics-engine-ip-scalable-building-block-concept.html>



SEERIS Logo

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#### About Socionext

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, 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 [socionext.com](http://socionext.com).

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