

Press Release

Socionext Broadens SoC Roadmap with Intel 18A-P Process Technology

**Advanced SoC Developments Target AI, HPC, and Datacenter Applications
with Intel's Performance-optimized 18A-P Technology**

[Langen/Germany, Yokohama/Japan and Milpitas/California, August 18, 2026] --- Socionext Inc., a global leader in custom system-on-chip (SoC) design and advanced semiconductor solutions, announced that it will leverage Intel 18A-P process technology in the development of custom SoCs that meet the emerging needs of datacenter, edge, and high-performance computing customers. The first development is a high-performance compute chiplet.

By combining its ASIC expertise with Intel Foundry's advanced process and packaging roadmap, Socionext will enable customers to create differentiated SoC solutions optimized for application-specific workloads.

*"Intel 18A-P represents an important step in advanced process technology, combining innovations in transistor architecture and power delivery," said **Rajinder Cheema, CTO and Executive Vice President at Socionext**. "By developing SoC capabilities on this process, Socionext is enabling our customers to address the evolving performance and power requirements of AI, HPC, and advanced datacenter applications."*

*"The combination of Socionext's Solution SoC development methodology and Intel Foundry's advanced process and packaging technologies enriches the ecosystem for enabling product development for AI acceleration, high-performance compute, and Physical AI," said **John Zucker, General Manager and Vice President of Global Business Development and Marketing, Intel Foundry**. "Together we accelerate our customers' time-to-market from architecture to production."*

Socionext's planned use of Intel's technologies reinforces its commitment to working closely with leading foundry partners to deliver custom silicon and packaging for high-performance SoC solutions in focus markets.

About Socionext Inc.

Socionext Inc., a leading global System-on-Chip (SoC) supplier, is a pioneer of the 'Solution SoC' business model. This innovative approach encompasses Socionext's 'Entire Design' capabilities and offering of 'Complete Service'. As a trusted silicon partner, Socionext fuels global innovation, providing superior features, performance, and quality that set its customers' products and services apart in diverse domains ranging from automotive and data centers to networking, smart devices, and industrial equipment.

Socionext Inc., based in Yokohama, operates offices across Japan, Asia, the United States, and Europe for development and sales. For more information, visit <https://www.socionext.com/en/>.

About Socionext America Inc.

Socionext America Inc. (SNA) serves as the US arm of Socionext Inc., a global leading fabless semiconductor supplier specializing in SoCs. Headquartered in Milpitas, California, SNA delivers cutting-edge technologies and a diverse array of customizable solutions. The company meets customer demands by providing high-quality semiconductor products, leveraging proven design methodologies and state-of-the-art implementation expertise. Additionally, SNA collaborates closely with industry-leading partners across manufacturing, IP, EDA, and software.

For product information, visit [our website](#), e-mail sna_inquiry@us.socionext.com or call 1-844-868-1795.

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