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Intel's Custom Foundry Will Manufacture Future Panasonic System-on-Chips Using Intel's 14nm Low-Power Process

SANTA CLARA, Calif.--(BUSINESS WIRE)-- Intel Corporation today announced that it has entered into a manufacturing agreement with Panasonic Corporation's System LSI Business Division. Intel's custom foundry business will manufacture future Panasonic system-on-chips (SoCs) using Intel's 14nm low-power manufacturing process.

Panasonic's next-generation SoCs will target audio visual-based equipment markets, and will enable higher levels of performance, power and viewing experience for consumers.

"Intel's 14nm Tri-Gate process technology is very important to develop the next-generation SoCs," said Yoshifumi Okamoto, director, Panasonic Corporation SLSI Business Division. "We will deliver highly improved performance and power advantages with next-generation SoCs by leveraging Intel's 14nm Tri-Gate process technology through our collaboration."

Intel's leading-edge 14nm low-power process technology, which includes the second generation of Tri-Gate transistors, is optimized for low-power applications. This will enable Panasonic's SoCs to achieve high levels of performance and functionality at lower power levels than was possible with planar transistors.

"We look forward to collaborating with the Panasonic SLSI Business Division," said Sunit Rikhi, vice president and general manager, Intel Custom Foundry. "We will work hard to deliver the value of power-efficient performance of our 14nm LP process to Panasonic's next-generation SoCs. This agreement with Panasonic is an important step in the buildup of Intel's foundry business."

Five other semiconductor companies have announced agreements with Intel's custom foundry business, including Altera, Achronix Semiconductor, Tabula, Netronome and Microsemi.

About Intel

Intel (NASDAQ:INTC) is a world leader in computing innovation. The company designs and builds the essential technologies that serve as the foundation for the world's computing devices. As a leader in corporate responsibility and sustainability, Intel also manufactures the world's first commercially available "conflict-free" microprocessors. Additional information about Intel is available at newsroom.intel.com and blogs.intel.com, and about Intel's conflict-free efforts at conflictfree.intel.com.

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