



NXP and Kontron Collaborate on Edge Computing for the Industrial IoT

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NUREMBERG, Germany, Feb. 27, 2018 (GLOBE NEWSWIRE) -- [NXP Semiconductors](#) N.V. (NASDAQ:NXPI) and [Kontron](#), part of technology group S&T, today announced their collaboration to couple NXP's i.MX and Layerscape families of Arm®-based processors with Kontron/S&T's expertise in hardware and software to create Industry 4.0 solutions. The products will leverage Microsoft Azure IoT and Time Sensitive Networking (TSN) technologies to meet the needs of next-generation Industrial IoT implementations for cloud, edge computing and factory floor innovations.

New Industry 4.0 solutions include Kontron's i.MX 8-based SMARC 2.0 and Q7 computer-on-modules. Additionally, Kontron plans to launch modules with Layerscape SoCs including LS1028 to support its own Industry 4.0 edge gateways as well as designs by Kontron customers later in 2018.



"With these computer-on-module (COM) and edge gateway solutions, Kontron accelerates customers' prototyping and time-to-market for projects using NXP's newest technologies," said Laurent Remont, CTO of Kontron and S&T. "Partnering with NXP in the early stage of product development allows us to provide exceptional technology for innovative IoT and edge computing solutions."

Kontron has over 30 years of experience in developing industrial PCs, gateways and servers as well as computing modules and VME/VPX embedded boards and systems. The company uniquely offers the software integration services to enable the Industrial IoT with pre-integrated solutions for IoT and embedded applications as a one-stop shop. Kontron also empowers OEMs and developers to leverage the computing framework of Microsoft Azure IoT Edge to create and deploy applications for on-premise embedded cloud applications from edge to fog to cloud.

"NXP technology coupled with Kontron/S&T's hardware and software expertise leverages the strength of both companies to reduce time-to-market for our common customers," said Tareq Bustami, Senior Vice President of Digital Networking at NXP. "We are pleased to work with Kontron to accelerate the realization of this next-generation of technology."

NXP is a leading provider of embedded technology serving customers across a broad spectrum of markets. The company's comprehensive and scalable portfolio of Arm-based processors are designed to ease development and deployment of intelligence on the edge suitable for Industry 4.0 and IoT applications. In addition to its extensive experience and expertise in connected industrial applications and security, NXP also offers a robust product longevity program to help ensure a stable supply for a minimum of 10 to 15 years from product launch. Participating products are supported by standard end-of-life notification policies.

"Industry 4.0 solutions require more intelligence and efficiency at the edge, and Arm-based SoCs, such as the i.MX and Layerscape families from NXP, are designed to deliver better power and performance efficiency for these applications," said Drew Henry, senior vice president and general manager, Infrastructure Line of Business, Arm. "Enabling Industry 4.0 stakeholders with this innovative technology integrated into system level solutions from leading suppliers such as Kontron will accelerate the realization of this vision."

About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ:NXPI) enables secure connections and infrastructure for a smarter world, advancing solutions that make lives easier, better and safer. As the world leader in secure connectivity solutions for embedded applications, NXP is driving innovation in the secure connected vehicle, end-to-end security & privacy and smart connected solutions markets. Built on more than 60 years of combined experience and expertise, the company has over 30,000 employees in more than 30 countries and posted revenue of \$9.26 billion in 2017. Find out more at www.nxp.com

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About Kontron – An S&T Company

Kontron is a global leader in IoT and embedded computing technology (ECT). As a part of technology group S&T, Kontron offers a combined portfolio of secure hardware, middleware and services for Internet of Things (IoT) and Industry 4.0 applications. With its standard products and tailor-made solutions based on highly reliable state-of-the-art embedded technologies, Kontron provides secure and innovative applications for a variety of industries. As a result, customers benefit from accelerated time-to-market, reduced total cost of ownership, product longevity and the best fully integrated applications overall.

For more information, please visit: www.kontron.com

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