



Adesto

Adesto Supports NXP's i.MX RT1015 Crossover Processor Evaluation Kit with Flash Memory

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Flash memory solution enables creation of cost-sensitive applications in consumer electronics, home and building control and industrial IoT applications

SANTA CLARA, Calif., March 25, 2019 (GLOBE NEWSWIRE) -- [Adesto@ Technologies](#) Corporation (NASDAQ: IOTS), a leading provider of innovative application-specific semiconductors and embedded systems for the Internet of Things (IoT) era, announced that it supports NXP® Semiconductors' i.MX RT1015 Crossover Processor Evaluation Kit (EVK) with flash memory to provide an ideal off-chip solution for cost-sensitive consumer electronics, home and building automation, and industrial IoT products.

NXP's i.MX RT crossover processors are designed to bridge the gap between high-performance and integration while minimizing costs to meet increasing requirements for high-performance embedded processing at the edge. The processors are designed without on-chip flash memory to deliver optimal power, performance and cost for a range of emerging applications such as smart connected appliances and wireless control panels. The i.MX RT1015 family builds on the i.MX RT crossover processor series, using the Arm® Cortex®-M7 core at 500 MHz and provides additional low-cost LQFP packages to further simplify board design and layout. The EVK for the i.MX RT1015 features a Quad interface with Adesto's 128Mbit, 133MHz Quad flash memory on-board.

In addition, Adesto's proven experience in memory technology, extensive systems knowledge and reputation for quality has led to a successful ongoing collaboration between NXP and Adesto. Adesto is a member of the NXP Partner Program, a global network of independent companies that offer the vital tools, software, technology, engineering services and training to speed device design. The program provides a comprehensive ecosystem that partners with engineers and designers in making smart solutions for a more connected world.

"The amount of executable code for embedded applications that require connectivity stacks, audio processing, and image analysis has grown to substantial sizes," said Joe Yu, vice president and general manager of low-power microcontrollers at NXP. "Our crossover processors can support large amounts of program and data memory space by using external flash memory. We are pleased to work with Adesto and be able to offer a range of optimized cost-effective solutions to help customers build the most efficient systems for next generation IoT edge devices."

"Microcontroller vendors are looking at new memory architectures to meet the cost, performance, power and security requirements of emerging intelligent IoT edge devices," said Gideon Intrater, CTO, Adesto. "Adesto offers a comprehensive range of memory products that helps NXP meet the needs of their customers, from our cost effective Dual / Quad serial flash to our high-performance, low-power eExecute-in-Place (XiP) series. Our strong and growing partnership with NXP is already bearing fruit with customer opportunities as companies see the powerful advantage of the combination of NXP's crossover processors and our value-added NVM products."

Adesto's Dual / Quad products are designed with compatibility in mind. They feature industry-standard features and pin outs that can work in any new or pre-existing design, while providing world-class quality.

To learn more about Adesto memory products, visit www.adeptotech.com/products/memory.

Availability

NXP i.MX RT1015 Evaluation Kits are available now through NXP (part number MIMXRT1015-EVK).

In addition, Adesto offers additional evaluation kits with NXP. EVKs featuring Adesto's high-performance, low-power eExecute-in-Place EcoXiPTM Octal flash paired with the NXP i.MX RT1050 crossover processors are available for order through Adesto; contact info@adeptotech.com or an Adesto distributor. For more information, visit <https://www.adeptotech.com/products/octal/>.

About Adesto Technologies Corporation

Adesto Technologies Corporation (NASDAQ:IOTS) is a leading provider of innovative application-specific semiconductors and embedded systems for the IoT era. The company's technology is used by more than 2,000 customers worldwide who are creating differentiated solutions across industrial, consumer, medical and communications markets. With its growing portfolio of high-value technologies, Adesto is helping its customers usher in the era of the Internet of Things. See: www.adeptotech.com.

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Adesto Technologies Media Contact:

Jen Bernier-Santarini
+1 650-336-4222
Jen.bernier@adeptotech.com

Adesto Technologies Investor Relations:

Leanne K. Sievers
Shelton Group
949-224-3874

sheltonir@sheltongroup.com



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