



## New Product Announcement

### Mouser Electronics Now Stocking NXP i.MX RT106A MCU and Solution for Adding Cloud-Based Voice Control

**September 11, 2019** – [Mouser Electronics](#), Inc., the authorized global distributor with the newest semiconductors and electronic components, is now offering the [i.MX RT106A](#) crossover microcontroller from [NXP® Semiconductors](#). The i.MX RT106A is a solution-specific variant of the i.MX RT1060 family of crossover microcontrollers that enables system designers to easily and inexpensively add Amazon's Alexa Voice Service (AVS) to a wide variety of smart appliances, [smart home](#), smart retail, and smart [industry](#) devices.

The [NXP i.MX RT106A](#) crossover microcontroller, available from Mouser Electronics, is based on NXP's advanced implementation of the Arm® Cortex®-M7 core that operates at 600 MHz. Combining the high performance of a processor with the real-time functionality and ease-of-use of a microcontroller, the highly integrated i.MX RT106A offers 1 Mbyte of on-chip RAM. The microcontroller touts a robust feature set that includes advanced multimedia capabilities, high-speed extensive external memory interfaces, and an assortment of both wired and wireless connectivity options. Additionally, the processor is licensed to run NXP's turnkey software solution for Alexa built-in.

Mouser also offers the [development kit](#) for NXP's microcontroller-based solution for Alexa built-in. Based on the i.MX RT106A microcontroller, the kit implements NXP's production-ready solution and enables device makers to build Alexa into products using a low-cost, low-power microcontroller unit. The turnkey design with ultra-small form factor comes completely integrated with Amazon-qualified software for an out-of-the-box AVS experience.

To learn more about the NXP MCU-based solution for AVS, visit [www.mouser.com/nxp-sln-alex-iot](http://www.mouser.com/nxp-sln-alex-iot). For more information on the i.MX RT106A, go to [www.mouser.com/nxp-imx-rt106a-crossover-processor](http://www.mouser.com/nxp-imx-rt106a-crossover-processor).

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

### **About Mouser Electronics**

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 750 manufacturers. Mouser offers 26 support locations around the world to provide best-in-class customer service and ships globally to over 630,000 customers in 223 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit [www.mouser.com](http://www.mouser.com).

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