

New Product Announcement

STMicroelectronics' STM32 LoRaWAN Discovery Board Now in Stock Exclusively at Mouser

February 17, 2017 – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, is the first to stock the [STM32 LoRaWAN™ Discovery Board](#) from [STMicroelectronics](#) (ST). The new Discovery Kit and [I-NUCLEO-LRWAN1](#) STM32 LoRa™ Arduino-compatible extension board — available to order from Mouser — provide a development platform for learning and evaluating solutions based on LoRa and FSK/OOK [radio frequency](#) (RF) communication.

The [ST STM32 LoRaWAN Discovery Kit](#), now in stock exclusively at Mouser Electronics, is based on an all-in-one [Murata Type ABZ](#) open module solution to address low-power wide area networks (LPWAN) and support the LoRaWAN long-range wireless protocol. The Type ABZ module is powered by an [STM32L072](#) ARM® Cortex®-M0+ microcontroller featuring 192 KBytes of flash, 20 KBytes of RAM, and 6 Kbytes of EEPROM. The STM32L0 ultra-low-power microcontroller offers low-power design features, targeting battery-powered and [energy harvesting](#) applications.

[ST's I-NUCLEO-LRWAN1](#) STM32 LoRa extension board includes a LoRaWAN module powered by an [STM32L052](#) microcontroller, an SMA connector, a 50-ohm antenna, and headers compatible with [Arduino Uno R3](#) boards. The board also includes three ST environmental sensors: [LSM303AGR](#) accelerometer and magnetometer, [HTS221](#) relative humidity and temperature sensor, and [LPS22HB](#) pressure sensor. Both the Discovery board and NUCLEO board come with LoRaWAN class A-certified I-CUBE-LRWAN embedded software that enables designers to set up a complete LoRaWAN node.

For more information on the STM32 LoRaWAN Discovery Board, visit <http://www.mouser.com/new/stmicroelectronics/stmicro-stm32-lorawan-discovery-board/>. To learn more about the I-NUCLEO-LRWAN1 STM32 LoRa Arduino-compatible extension board, go to <http://www.mouser.com/new/stmicroelectronics/stmicro-stm32-lora-extension-board/>.

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 subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser 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 4 million products from over 600 manufacturers. Mouser offers 22 support locations around the world to provide best-in-class customer service and ships globally to over 500,000 customers in 170 countries from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

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