



New Product Announcement

Now at Mouser: Microchip ATtiny3217 Xplained Pro Kit with tinyAVR MCU with Large Memory for IoT Sensor Applications

October 1, 2018 – [Mouser Electronics](#), Inc., the authorized global distributor with the newest semiconductors and electronic components, is now stocking the [ATtiny3217 Xplained Pro](#) evaluation kit from [Microchip Technology](#). Designed for rapid prototyping with Microchip's ATtiny3217 8-bit microcontroller, the ATtiny3217 Xplained Pro enables designers to gain access to all the key features of the latest tinyAVR® microcontrollers without the need for external programming tools.

The [Microchip ATtiny3217 Xplained Pro](#), available from Mouser Electronics, accelerates the design process using Microchip's [ATtiny3217](#) 8-bit tinyAVR microcontroller. Designed for reliable operation in [harsh environments](#), the ATtiny3217 comes with built-in safety functions to help designers create robust and safe systems. The microcontroller can run up to 20 MHz, and features 32 Kbytes of self-programmable flash, 256 bytes of EEPROM, and 2 Kbytes of SRAM.

The ATtiny3217 also offers a range of peripherals, including a USART, two 10-bit analog-to-digital converters (ADCs), and a Peripheral Touch Controller (PTC) to simplify the development of capacitive touch systems, offering [touch](#) interfaces with proximity [sensing](#) and a driven shield to ensure touch sensitivity. The ATtiny3217 Xplained Pro board includes two QTouch® buttons, which are self-capacitance buttons that engineers can use as input devices driven by the PTC.

The USB-powered ATtiny3217 Xplained Pro board offers two mechanical user buttons, a yellow user LED, and two Xplained Pro extension headers, as well as access to all of the input and output (I/O) pins and other features of the microcontroller. In addition, the board has an Embedded Debugger (EBDG), which is a USB composite device with a debugger, virtual COM port, and Data Gateway Interface (DGI).

The ATtiny3217 Xplained Pro board is supported by Atmel Studio, an integrated development platform (IDP) that gives designers a seamless and easy-to-use environment for coding, building, simulating, programming, and debugging applications for Microchip microcontrollers. The ATtiny3217 Xplained Pro board is ideal for prototyping designs that support a wide range of applications, including [industrial](#), consumer, home appliances, [automotive](#), and [Internet of Things](#) (IoT) sensor nodes.

To learn more, visit www.mouser.com/microchip-attiny3217-kit.

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

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Further information, contact:
Kevin Hess, Mouser Electronics
Senior Vice President of Marketing
(817) 804-3833
Kevin.Hess@mouser.com

For press inquiries, contact:
Kelly DeGarmo, Mouser Electronics
Manager, Corporate Communications and Media Relations
(817) 804-7764
Kelly.DeGarmo@mouser.com