

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](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, is now stocking the [ATtiny3217 Xplained Pro](#) evaluation kit from [Microchip Technology](http://www.microchip.com). 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.

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– 30 –

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