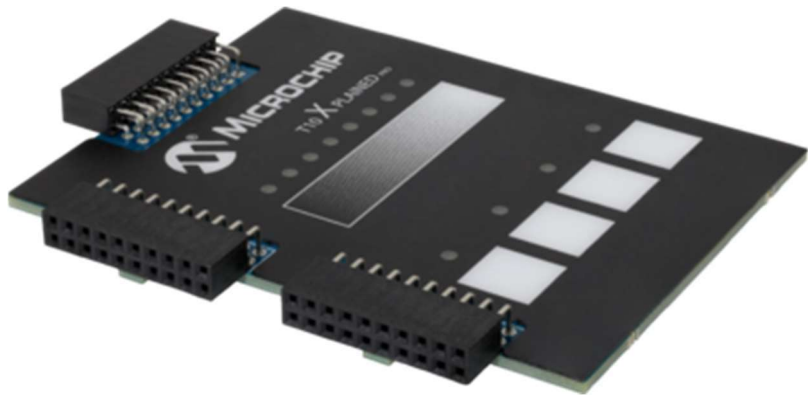




# T10 Xplained Pro Extension Kit

**Part Number:**  
**AC47H23A**



## Summary

Microchip T10 Xplained Pro kit is an extension board that enables easy evaluation of the Touch library for mutual sensing. The kit demonstrates water tolerance, speed, noise immunity on 4 touch buttons and a 4 segment slider.

The board supports capacitive mutual sensing in conjunction with:

- Xplained Pro MCU boards
- Curiosity Nano MCU boards.

The use the CNANO MCU boards please use either the CNANO Touch adapter board or the Curiosity Nano Base for Click boards™ ([AC164162](#)).

The T10 supports Boosted Capacitive Touch sensing - enabling you to double SNR or cut down your scan time by factor 4.

Please find FW examples projects (with the guidance with adapter board to use) in MCC, Harmony 3 or START).

## Package Contents

- T10 board with XPRO female connector

## Product Features

- 4 mutual capacitive touch buttons
- 1 mutual capacitive slider (4 segments)
- support for Boosted capacitive sensing
- LEDs to indicate button status and slider position
- LED Driver: **MCP23017**

## Related Tools

Please visit the Microchip touch web pages for the latest information on touch libraries and related development software.

T10 Xplained Pro is supported by many MCU Xplained Pro boards and CNANO MCU boards for PIC, AVR and SAM. Please refer to the T10 Xplained Pro user guide for a full list of supported boards.