



All



Enter keyword, item, model or part #



My Account



PRODUCTS

SOLUTIONS

TOOLS AND RESOURCES

SUPPORT

EDUCATION

ABOUT

ORDER NOW

Overview

Related Tools

Documentation



Part Number: AC47H23A

T10 XPLAINED PRO EXTENSION KIT ☆

- 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

In Stock : 0

When can I get more? ⓘ

Quantity: 1



Buy Now

Package Contents

- T10 board with XPRO female connector

Overview

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, Boost Mode 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.

To connect to CNANO MCU boards please use either the CNANO Touch adapter board (**AC80T88A**) or the Curiosity Nano Base for Click boards™ (**AC164162**).

The T10 supports Boost Mode Capacitive Touch sensing - enabling you to double SNR or cut down your touch scan time by factor 4 - available via selected MCUs.

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

Related Tools



T9 XPLAINED PRO EXTENSION KIT

Microchip T9 Xplained Pro kit is an extension board that enables easy evaluation of touch on metal (MoC).

Learn More



Add to Cart



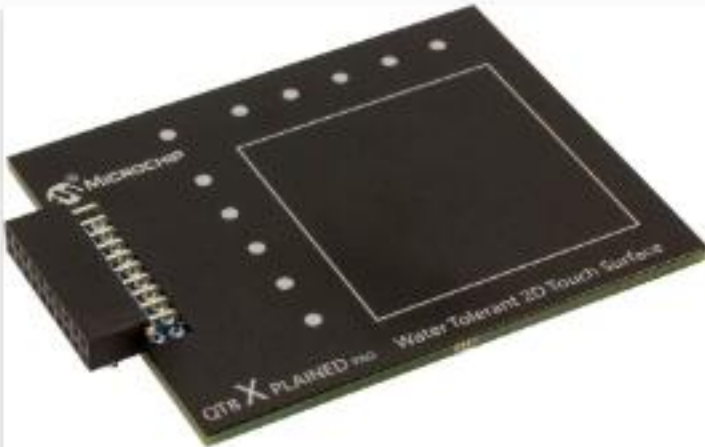
QT7 XPLAINED PRO EXTENSION KIT

Microchip® QT7 Xplained Pro kit is an extension board that enables the evaluation of self-capacitance touch.

Learn More



Add to Cart



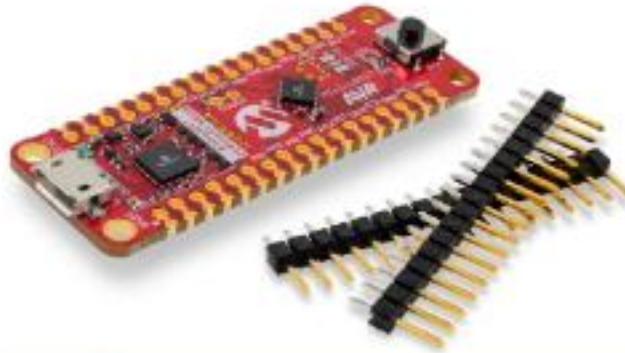
QT8 XPLAINED PRO EXTENSION KIT

Microchip QT8 Xplained Pro kit is an extension board that enables easy evaluation of the 2D Touch Surface library.

Learn More



Add to Cart



ATTINY3217 CURIOSITY NANO EVALUATION KIT

Take your next idea to market with a development board that you can keep in your pocket. With full program and debug capabilities, the ATtiny3217 Curiosity Nano Evaluation Kit offers complete support for your next design.

Learn More



Add to Cart

All Application Notes

Documentation

Title



T10 Xplained Pro User's Guide



Download



T10-Xplained-Pro_Design-Documentation



Download



Support at Every Step

We are committed to partnering with you and making sure you have what you need to succeed.

Learn About Support

About

Company

Careers

Contact Us

Media Center

Investor Relations

Support

Microchip Forums

AVR Freaks

Design Help

Technical Support

Smart Control Data

Quick Links

Microchip Direct

Microchip University

myMicrochip

Blogs

Reference Designs



Microchip Technology Inc.
2355 West Chandler Blvd.
Chandler, Arizona, USA

