



Part Number: DM164149

WATER TOLERANT 2D TOUCH SURFACE DEVELOPMENT KIT - PIC MCU EDITION ☆

- Touch Pad: 5x6 surface, diamond pattern with dedicated driven shield
- Two Self-Capacitance, water tolerant Touch buttons
- **PIC16F18456** 8-bit PIC Microcontroller - 32 MHz, 28 Kbytes Flash, 2 Kbytes RAM, 256 bytes of EEPROM
- Debugging and Programming: PKoB 4 (direct MPLAB and Daa Visualizer support)

• 1 LED to indicate position and mode

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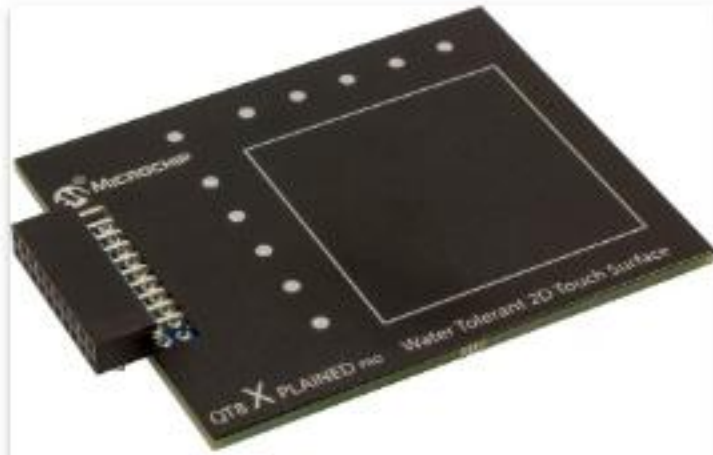
Overview

The DM0164149 Water Tolerant 2D Touch Surface development kit - PIC MCU Edition enables easy evaluation of the 2D Touch Surface library. The kit demonstrates water tolerance and noise immunity on a touch pad and has capacitive two touch buttons, all controlled by the same PIC16F18456 MCU.

Please be aware of the sister kit (**DM080101**) offering the same functionality and form factor, running the 2D Touch surface library on a ATtiny1617.

The QT8 Xplained Pro Extension Kit (**AC164161**) enables you to combine a small touch pad with supported XPRO MCU boards, 8bit and 32bit.

Related Tools



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



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All Application Notes

Documentation

Title ⓘ		
DM164149 - Example Project, 2D Touch Surface GUI	Download	☆
Water Tolerant 2D Touch surface kit PIC Edition_DesignDocumentation	Download	☆
DM164149 - Example Project, Data Visualizer	Download	☆
Water Tolerant 2D Touch Surface Kit PIC MCU Edition User Guide	Download	☆

Software

Title ⓘ	Date	
2D Touch Surface Utility	Download	10 Sep 2020



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