



Water Tolerant 2D Touch Surface Development Kit - PIC Edition

Part Number: DM164149

Summary

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

Please be aware of the sister kit (DM080101) offering the same functionality and form factor, sporting a Attiny1617.

Package Contents

- o DM0164149 Water Tolerant 2D Touch Surface development kit - PIC edition

Product Features

- o Touch Pad: 5x6 surface, diamond pattern with dedicated driven shield
- o Two Self-Capacitance, water tolerant Touch buttons
- o PIC16F18456 8-bit PIC Microcontroller - 32 MHz, 28 Kbytes Flash, 2 Kbytes RAM, 256 bytes of EEPROM
- o Debugging and Programming: PKoB 4 (direct MPLAB and DAA Visualizer support)
- o LEDs to indicate position and mode
- o LED Driver: MCP23017