

**Part Number TCAD002 - Microstick Plus USB Peripheral Board**

The Microstick Plus USB board provides the hardware interface for Microchip's USB libraries and example code (see <http://en.microstickplus.com/usb/prog>), allowing for quick and easy development of USB solutions for Device, Host, or On-The-Go applications. This peripheral board contains three USB connectors: USB Host A, USB Mini B, and USB Micro AB. In addition, the board contains a push button, configuration switches, and status LEDs. The Microstick Plus USB board can be used alone with the [Microstick II](#) to develop on 28-pin microcontrollers with built-in USB peripherals—which include devices from both the 16-bit PIC24F family and the 32-bit PIC32MX2 family. In addition, this board can be connected to the original [Microstick Plus Development Board](#) or to a breadboard via pin headers.

**Features:**

- USB Mini B connector - for device communication.
- USB Host A connector - for master (Host) communication.
- USB Micro AB connector - for On-The-Go (OTG) communication.
- 1 user push button
- 2 software controlled user LED
- 8 MHz quartz crystal
- 2 configuration switches
- USB over current protection IC (MIC2005A-1YM5) with output enable input pin and over current output pin

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