

# Digilent USB 2 Board

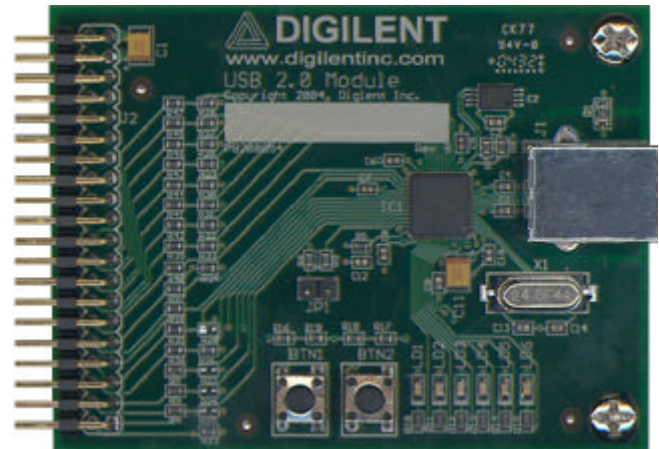
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The Digilent USB 2 module provides a ready-made USB port that can add USB 2.0 connectivity to any Digilent system board. The USB port can be used to configure FPGAs and CPLDs on an attached system board, and it can also be used for general data transfers. The USB 2 board is based on a Cypress CY7C68013 device, which provides a simple, inexpensive, and well-documented USB connectivity solution. The USB chip is flash-based, so its firmware can easily be modified using standard Cypress tools. The USB module comes with drivers and various application programs, so that it can be used to quickly develop USB-connected applications.



## FEATURES AND BENEFITS

- A USB 2.0 front end (up to 480Mb/sec data transfers)
- Status indicator LED
- Easy connection to system boards using predefined bus protocol
- Up to 6 modules can be used with the D2FT and D2SB system boards.

## APPLICATIONS

- Any circuit where USB connectivity is needed