FTDI offers a range of modules based on the FT232R IC. These modules include USB - RS232 converters, DIP modules and a mini-module only slightly larger than a USB connector.

The USB-COM-PLUS modules provide a simple method of adapting legacy serial devices with RS232, RS422, RS485 interfaces to modern USB ports. The USB-COM-PLUS modules offer either single, dual or quad port options. Single port modules feature a USB 2.0 Full speed (12Mbp/s) interface while all multiport modules feature a USB 2.0 Hi-Speed (480Mbp/s) interface.

The FTDI Hi-Speed Mini Modules are USB to dual/quad channel serial/MPSSE/FIFO interface converter modules based on the FT2232H/M..

The cable provides a fast, simple way to connect devices with digital interfaces to USB.

FTDI Hi-Speed IC BASED MODULES

FTDI USB Hi-Speed SERIAL/HUB MODULE

The FT232R based USB Hi-Speed Serial/Hub Module is a USB interface expansion module targeted at connecting to the FTDI USB ports to expand the number of interfaces. However, it is not limited to this application. It can also be used as a hub device or an FT232H evaluation module. The module has a 2.0 USB Hi-Speed hub chip which supports up to three downstream USB ports; 2 via a dual USB connector and 1 via the D connector pins.

FTDI USB-COM-PLUS MODULES

The USB-COM-PLUS modules provide a simple method of adapting legacy serial devices with RS232, RS422, RS485 interfaces to modern USB ports. The USB-COM-PLUS modules provide either single, dual or quad port options. Single port modules feature a USB 2.0 Full speed (15Mbp/s) interface while all multiport modules feature a USB 2.0 Hi-Speed (480Mbp/s) interface. All modules are powered from the USB port, saving the need for an additional power adapter and associated costs. Maximum baud rates for RS232 versions is 1Mbp/s (15M Gates) and for the RS422 versions is 3Mbp/s (60M Gates) and for the RS485 versions is 1Mbp/s (80K Gates), provides a high speed ASIC development platform. The module provides JTAG connectivity for debugging, and 80 GPIO’s on the board to communicate with the development tools.

FTDI USB CABLE ASSEMBLIES WITH EMBEDDED ELECTRONICS

FTDI offers an extensive range of converter cables, with embedded FTDI technology that provides quick and easy solutions for upgrading legacy serial protocols to USB standards.

FTDI USB INTERFACE PRODUCTS

This product is RoHS compliant.

The USB 2.0 Hi-Speed to MPSSE cable contains a small internal electronic circuit board, utilizing the FTDI FT232H which is encapsulated into the USB connector end of the cable, this handles all the USB signaling and protocols. The cable provides a fast, simple way to connect devices to digital interfaces to USB.

The USB 2.0 Hi-Speed to MPSSE cable is easily configured into interface e.g. JTAG, SPI, I2C via the application software.