

FTDI USB Interface Products



Embedded Modules

FTDI Chip

FTDI MINI MODULES - USB HI-SPEED EVALUATION MODULES

FTDI's USB 2.0 Hi-Speed Mini Modules are two evaluation modules that support FTDI's FT2232H and FT4232H USB 2.0 Hi-Speed devices. The FT2232HQ-MINI-MODULE is a USB-to-serial/FIFO development module which utilizes the FT2232H USB Hi-Speed two-port bridge chip which handles all the USB signaling and protocols. The FT4232HQ-MINI-MODULE is a USB-serial/MPSSSE development module which utilizes the FT4232H USB Hi-Speed four-port bridge chip which handles all the USB signaling and protocols. These Mini Modules allow customers to quickly evaluate the FT2232H and FT4232H device and drivers prior to commencing their own design.



MOUSER STOCK NO.	FTDI Part No.	Fig.	Description	Price Each
895-FT2232HQ-MINIMOD	FT2232HQ-MINI-MODULE	A	Utilizes the FT2232H USB Hi-Speed two-port bridge chip	27.00
895-FT4232HQ-MINIMOD	FT4232HQ-MINI-MODULE	A	Utilizes the FT4232H USB Hi-Speed four-port bridge chip	29.90

FTDI FT232R BASED MODULES

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. These products allow customers to quickly evaluate the FT232R device and drivers prior to commencing their own design.

MOUSER STOCK NO.	FTDI Part No.	Fig.	Description	Price Each
895-EVAL232R	EVAL232R	B	USB to RS232 Evaluation Module for FT232RL	21.00
895-UM232R	UM232R	C	USB-Serial UART Module	20.00
895-MM232R	MM232R	D	Mini USB-Serial UART Module	18.00
895-UB232R	UB232R	E	Mini USB-Serial UART Module w/USB Mini Connector	17.50

FTDI USB-COM-PLUS MODULES

The USB-COM-PLUS modules provide a simple method of adapting legacy serial devices with RS232, RS422 or RS485 interfaces to modern USB ports. The USB-COM232 modules provide either single, dual or quad port options. The USB-COM422 and USB-COM485 modules provide single or dual port options. Single port modules feature a USB 2.0 Full Speed (12M/s) interface while all multi-port modules feature a USB 2.0 Hi-Speed (480M/s) interface. All modules are powered from the USB port, saving the need for an additional external power adapter and associated costs, feature operating temperature range of -40°C to +85°C and are CE/FCC approved.



MOUSER STOCK NO.	FTDI Part No.	Fig.	Description	Price Each
895-USB-COM232-PLUS1	USB-COM232-PLUS1	F	Full-Speed USB to 1-Port RS232 Module, utilizes FT232R IC	19.00
895-USB-COM232-PLUS2	USB-COM232-Plus2	G	Hi-Speed USB to 2-Port RS232 Module, utilizes FT232H IC	34.00
895-USB-COM232-PLUS4	USB-COM232-Plus4	H	Hi-Speed USB to 4-Port RS232 Module, utilizes FT4232H IC	49.00
895-USB-COM422-PLUS1	USB-COM422-Plus1	F	Full-Speed USB to 1-Port RS422 Module, utilizes FT232R IC	29.00
895-USB-COM422-PLUS2	USB-COM422-Plus2	G	Hi-Speed USB to 2-Port RS422 Module, utilizes FT232H IC	60.00
895-USB-COM422-PLUS4	USB-COM422-Plus4	H	Hi-Speed USB to 4-Port RS422 Module, utilizes FT4232H IC	86.00
895-USB-COM485-PLUS1	USB-COM485-Plus1	F	Full-Speed USB to 1-Port RS485 Module, utilizes FT232R IC	26.00
895-USB-COM485-PLUS2	USB-COM485-Plus2	G	Hi-Speed USB to dual-Port RS485 Module, utilizes FT232H IC	40.00
895-USB-COM485-PLUS4	USB-COM485-Plus4	H	Hi-Speed USB to 4-Port RS485 Module, utilizes FT4232H IC	60.00

FTDI UM245R USB SERIAL MODULE

The UM245R module is a USB - Parallel FIFO interface (TTL) development module for the FT245R IC device. The UM245R is supplied on a PCB designed to fit a 24 pin DIP socket, and provides access to all FIFO interface and control pins (TXE#, RXF#, RD#, WR) of the FT245R device. This module can be configured as either USB bus-powered or self-powered and also supports 5V or 3V level interface IOs via two sets of jumper setting pins and can transfer data at up to 1 MegaByte per second.

MOUSER STOCK NO.	FTDI Part No.	Fig.	Description	Price Each
895-UM245R	UM245R	C	USB to Parallel FIFO Module	20.00

FTDI CABLES

FTDI offers a variety of converter cables which allow customers to quickly evaluate other FTDI devices and drivers prior to commencing their own design.

MOUSER STOCK NO.	FTDI Part No.	Fig.	Description	Price Each
895-TTL-232R-3V3-WE	TTL-232R-3V3-WE	I	USB to TTL Serial Converter Cable - Wire Ended, 3.3V IOs	20.00
895-TTL-232R-5V-WE	TTL-232R-5V-WE	I	USB to TTL Serial Converter Cable - Wire Ended, 5V IOs	20.00
895-USBR232WE1800BT	USB-RS232-WE-1800-BT	I	USB to RS232 Levels Serial UART Converter Cable - Wire Ended	26.45
895-USBR422WE1800BT	USB-RS422-WE-1800-BT	I	USB to RS422 Levels Serial UART Converter Cable - Wire Ended	35.00
895-USBR485WE1800BT	USB-RS485-WE-1800-BT	I	USB to RS485 Levels Serial UART Converter Cable - Wire Ended	30.00
895-TTL-232R-3V3-PCB	TTL-232R-3V3-PCB	J	USB to TTL Serial UART Converter - PCB Only, 3.3V IOs	15.00
895-TTL-232R-5V-PCB	TTL-232R-5V-PCB	J	USB to TTL Serial UART Converter - PCB Only, 5V IOs	15.00
895-USB-RS232-PCBA	USB-RS232-PCBA	J	USB to RS232 Level Serial UART Converter - PCB Only	20.27
895-USB-RS422-PCBA	USB-RS422-PCBA	J	USB to RS422 Level Serial UART Converter - PCB Only	30.00
895-USB-RS485-PCBA	USB-RS485-PCBA	J	USB to RS485 Level Serial UART Converter - PCB Only	25.00
895-TTL-232R-3V3	TTL-232R-3V3	K	USB to TTL Serial Converter Cable - 3.3V IOs	20.00
895-TTL-232R-5V	TTL-232R-5V	K	USB to TTL Serial Converter Cable - 5V IOs	20.00
895-TTL-232R-3V3-2MM	TTL-232R-3V3-2MM	K	USB to TTL Serial Converter Cable - 8 Pin Header 2mm Pitch, 3.3V IOs	20.00
895-TTL-232R-5V-AJ	TTL-232R-5V-AJ	L	USB to TTL Serial Converter Cable - Audio Jack Connector, 5V IOs	20.00
895-UC232R-NE	UC232R-NE ChiPi	M	USB to RS232 (DB9) Converter - No Enclosure	18.00
895-UC232R-10	UC232R-10 ChiPi	N	Economy Version USB to RS232 (DB9) Converter	18.50
895-US232R-10-BLK	US232R-10-BLK	O	Premium USB to RS232 Converter - 10cm Cable, Bulk Pack (Cable Only)	22.00
895-US232R-100-BLK	US232R-100-BLK	O	Premium USB to RS232 Converter - 1m Cable, Bulk Pack (Cable Only)	23.50
895-USB-NMC-2.5M	USB NMC-2.5m	P	USB to USB Null Modem Cable 2.5m	37.27

