

FTDI USB Interface Products



This product is RoHS compliant.



Embedded Modules

FTDI

FTDI DB9-USB RETROFIT ADAPTERS

The DB9-USB range of modules provide a simple and fast method of migrating existing DB9 based connector UART interfaces to USB 2.0. The modules feature a USB 2.0 mini-B connector within a module which fits a standard 9-pin DB9 connector footprint. The DB9-USB family consist of 6 modules. Two of these operate at RS232 voltage levels while four of them operate at digital voltage levels (a choice of 5V or 3.3V).

MOUSER STOCK NO.	FTDI Part No.	Fig.	Description	Price Each		
				1	10	50
895-DB9-USB-RS232-F	DB9-USB-F	A	USB to RS232 Adapter w/ Electronics to Retrofit a DB9 Female	19.25	17.50	17.00
895-DB9-USB-RS232-M	DB9-USB-M	A	USB to RS232 Adapter w/ Electronics to Retrofit a DB9 Male	19.25	17.50	17.00
895-DB9-USB-D3-F	DB9-USB-D3-F	B	USB to 3.3V Level UART Adapter w/ Electronics to Retrofit a DB9 Female	15.50	14.00	13.50
895-DB9-USB-D3-M	DB9-USB-D3-M	C	USB to 3.3V Level UART Adapter w/ Electronics to Retrofit a DB9 Male	15.50	14.00	13.50
895-DB9-USB-D5-F	DB9-USB-D5-F	B	USB to 5V Level UART Adapter w/ Electronics to Retrofit a DB9 Female	15.50	14.00	13.50
895-DB9-USB-D5-M	DB9-USB-D5-M	C	USB to 5V Level UART Adapter w/ Electronics to Retrofit a DB9 Male	15.50	14.00	13.50

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 (12Mb/s) interface while all multiport modules feature a USB 2.0 Hi-Speed (480Mb/s) interface. All modules are powered from the USB port. Maximum baud rates for RS232 versions are 1Mbaud and for the RS422/485 versions are 3Mbaud (single channel) and 10Mbaud (multi-channel). The modules operating temperature range is -40C to +85C and are CE/FCC approved.

MOUSER STOCK NO.	FTDI Part No.	Fig.	Description	Price Each		
				1	10	50
895-USB-COM232-PLUS1	USB-COM232-PLUS1	D	Full Speed USB to 1-Port RS232 Module, utilizes FT232R IC	19.00	18.05	17.10
895-USB-COM232-PLUS2	USB-COM232-PLUS2	E	Hi-Speed USB to 2-Port RS232 Module, utilizes FT232H IC	34.00	32.30	30.60
895-USB-COM232-PLUS4	USB-COM232-PLUS4	F	Hi-Speed USB to 4-Port RS232 Module, utilizes FT4232H IC	49.00	46.55	44.10
895-USB-COM422-PLUS1	USB-COM422-PLUS1	D	Full Speed USB to 1-Port RS422 Module, utilizes FT232R IC	29.00	27.55	26.10
895-USB-COM422-PLUS2	USB-COM422-PLUS2	E	Hi-Speed USB to 2-Port RS422 Module, utilizes FT232H IC	60.00	57.00	54.00
895-USB-COM422-PLUS4	USB-COM422-PLUS4	F	Hi-Speed USB to 4-Port RS422 Module, utilizes FT4232H IC	86.00	81.70	77.40
895-USB-COM485-PLUS1	USB-COM485-PLUS1	D	Full Speed USB to 1-Port RS485 Module, utilizes FT232R IC	26.00	24.70	23.40
895-USB-COM485-PLUS2	USB-COM485-PLUS2	E	Hi-Speed USB to 2-Port RS485 Module, utilizes FT232H IC	40.00	38.00	36.00
895-USB-COM485-PLUS4	USB-COM485-PLUS4	F	Hi-Speed USB to 4-Port RS485 Module, utilizes FT4232H IC	60.00	57.00	54.00

FTDI FT4232H USB HI-SPEED SERIAL/HUB MODULE

The FT4232H based USB Hi-Speed Serial/Hub Module is a USB interface expansion module targeted at connecting to the FTDI V2DIPx modules 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 FT4232H evaluation module. The module has a USB 2.0 Hi-Speed hub chip which supports up to three external downstream USB ports: 2 via dual USB connector and 1 via the DIL connector pins.

MOUSER STOCK NO.	FTDI Part No.	Fig.	Description	Price Each
895-FT-MOD-4232HUB	FT-MOD-4232HUB	G	USB Hi-Speed Serial/Hub Module	35.00 32.50 31.80

FTDI MORPH-IC-II FPGA DEVELOPMENT MODULE

The Morph-IC-II is a USB based FPGA development module featuring the Altera Cyclone-II FPGA with the FTDI FT232H USB to UART/FIFO/JTAG/SPI/I2C converter IC. The module provides integration of Hi-Speed USB capability (480Mbit/s) with an FPGA, to enable ultra-fast software based FPGA configuration/reconfiguration and communication using the FTDI royalty free drivers.

MOUSER STOCK NO.	FTDI Part No.	Fig.	Description	Price Each
895-MORPH-IC-II	MORPH-IC-II	H	USB Hi-Speed FPGA Development Module w/Altera Cyclone-II FPGA & FT232H	110.00 99.00

FTDI USB CABLE ASSEMBLIES WITH EMBEDDED ELECTRONICS

FTDI offers a wide range of USB based converter cables offering a variety of connectivity options. Connectivity options include conversion from USB to RS232, RS422, or RS485 and TTL based signaling interfaces. The cables feature integrated electronic assemblies featuring FTDI IC's simple easy-to-use connectivity for many USB conversion applications.

MOUSER STOCK NO.	FTDI Part No.	Fig.	Description	Price Each		
				1	10	50
895-C232HM-DDHSL-0	C232HM-DDHSL-0	I	USB to Hi-Speed SPI/I2C/JTAG Converter Cable - 0.5m, 3.3V w/LEDs	26.00	23.40	21.45
895-C232HM-EDHSL-0	C232HM-EDHSL-0	J	USB to Hi-Speed SPI/I2C/JTAG Converter Cable - 0.5m, 5V w/LEDs	26.00	23.40	21.45
895-C232HD-DDHSP-0	C232HD-DDHSP-0	I	USB to Hi-Speed UART Converter Cable - 1.8m, 3.3V w/LEDs	26.00	23.40	21.45
895-C232HD-EDHSP-0	C232HD-EDHSP-0	J	USB to Hi-Speed UART Converter Cable - 1.8m, 5V w/LEDs	26.00	23.40	21.45
895-TTL-232RG-VIP-WE	TTL-232RG-VIP-WE	K	USB to UART Cable User Specified Logic Levels, Wire Ended, w/LEDs	19.45	16.91	15.38
895-TTL232RGVSW3V3WE	TTL-232RG-VSW3V3-WE	K	USB to UART Cable Wire Ended, +3.3V Switched Power@50mA, w/LEDs	21.07	18.32	16.66
895-TTL-232RGVSW5VWE	TTL-232RG-VSW5V-WE	K	USB to UART Cable Wire Ended, +5V Switched Power@450mA, w/LEDs	21.07	18.32	16.66
895-TTL232RGVREG1V8W	TTL-232RG-VREG1V8-WE	K	USB to UART Converter Cable Wire Ended, +1.8V TTL, 100mA, w/LEDs	24.64	21.42	19.48
895-TTL232RGVREG3V3W	TTL-232RG-VREG3V3-WE	K	USB to UART Converter Cable Wire Ended, +3.3V TTL, 250mA, w/LEDs	24.64	21.42	19.48
895-TTL-232R-3V3-WE	TTL-232R-3V3-WE	K	USB to TTL Serial Converter Cable - Wire Ended, 3.3V IOs	20.00	18.00	16.50
895-TTL-232R-5V-WE	TTL-232R-5V-WE	K	USB to TTL Serial Converter Cable - Wire Ended, 5V IOs	20.00	18.00	16.50
895-TTL-232R-3V3-PCB	TTL-232R-3V3-PCB	L	USB to TTL Serial Converter - PCB Assy w/ USB Connector, 3.3V IOs	15.00	13.50	12.38
895-TTL-232R-5V-PCB	TTL-232R-5V-PCB	L	USB to TTL Serial Converter - PCB Assy w/ USB Connector, 5V IOs	15.00	13.50	12.38
895-TTL-232R-3V3	TTL-232R-3V3	M	USB to TTL Serial Converter Cable - 3.3V IOs	20.00	18.00	16.50
895-TTL-232R-5V	TTL-232R-5V	M	USB to TTL Serial Converter Cable - 5V IOs	20.00	18.00	16.50
895-TTL-232R-3V3-2MM	TTL-232R-3V3-2MM	M	USB to TTL Serial Converter Cable - 8 Pin Header 2mm Pitch, 3.3V IOs	20.00	18.00	16.50
895-TTL-232R-3V3-AJ	TTL-232R-3V3-AJ	N	USB to TTL Serial Converter Cable - Audio Jack Connector, 3.3V IOs	20.00	18.00	16.50
895-TTL-232R-5V-AJ	TTL-232R-5V-AJ	N	USB to TTL Serial Converter Cable - Audio Jack Connector, 5V IOs	20.00	18.00	16.50
895-USBR232WE1800BT	USB-RS232-WE-1800-BT_0.0	K	USB to RS232 Serial Converter Cable - Wire Ended, 1.8m w/LEDs	23.50	22.00	21.50
895-USBR2321.8BT3.3	USB-RS232-WE-1800-BT_3.3	K	USB to RS232 Serial Converter Cable - Wire Ended, 1.8m, +3.3V, 75mA w/LEDs	23.50	22.00	21.50
895-USBR2321.8BT5.0	USB-RS232-WE-1800-BT_5.0	K	USB to RS232 Serial Converter Cable - Wire Ended, 1.8m, +5V, 75mA w/LEDs	23.50	22.00	21.50
895-USBR232WE5BT0.0	USB-RS232-WE-5000-BT_0.0	K	USB to RS232 Serial Converter Cable - Wire Ended, 5m w/LEDs	36.00	33.70	32.94
895-USBR232WE5BT3.3	USB-RS232-WE-5000-BT_3.3	K	USB to RS232 Serial Converter Cable - Wire Ended, 5m, +3.3V, 75mA w/LEDs	36.00	33.70	32.94
895-USBR232WE5BT5.0	USB-RS232-WE-5000-BT_5.0	K	USB to RS232 Serial Converter Cable - Wire Ended, 5m, +5V, 75mA w/LEDs	36.00	33.70	32.94
895-USBR422WE1800BT	USB-RS422-WE-1800-BT	K	USB to RS422 Serial Converter Cable - Wire Ended, 1.8m w/LEDs	35.00	32.75	32.00
895-USBR422WE5000BT	USB-RS422-WE-5000-BT	K	USB to RS422 Serial Converter Cable - Wire Ended, 5m w/LEDs	47.50	45.25	44.50
895-USBR485WE1800BT	USB-RS485-WE-1800-BT	K	USB to RS485 Serial Converter Cable - Wire Ended, 1.8m w/LEDs	30.00	28.00	27.40
895-USBR485WE5000BT	USB-RS485-WE-5000-BT	K	USB to RS485 Serial Converter Cable - Wire Ended, 5m w/LEDs	42.50	39.70	38.84
895-USB-RS232-PCBA	USB-RS232-PCBA	L	USB to RS232 Serial Converter - PCB Assy w/ USB Connector	18.00	16.85	16.47
895-USB-RS422-PCBA	USB-RS422-PCBA	L	USB to RS422 Serial Converter - PCB Assy w/ USB Connector	30.00	28.00	27.50
895-USB-RS485-PCBA	USB-RS485-PCBA	L	USB to RS485 Serial Converter - PCB Assy w/ USB Connector	25.00	23.50	23.00
895-UC232R-NE	UC232R-NE	O	USB to RS232 Converter Cable, Open PCB - 10cm	18.00	16.00	14.50
895-CHIPI-X10	CHIPI-X10	P	USB to RS232 Serial Converter Cable - 10cm	15.00	13.50	12.50
895-UC232R-10	UC232R-10	P	USB to RS232 Serial Converter Cable - 10cm	18.50	17.00	15.50
895-US232R-10-BULK	US232R-10-BULK	Q	Premium USB to RS232 Converter Cable - 10cm w/LEDs	22.00	19.50	18.75
895-US232R-100-BLK	US232R-100-BULK	Q	Premium USB to RS232 Converter Cable - 1m w/LEDs	23.50	22.00	21.50
895-US232R-100-B5T	US232R-100-BLISTER	Q	Premium USB to RS232 Converter Cable - 1m w/LEDs & CD	25.00	23.50	22.50
895-US232R-500-BLK	US232R-500-BULK	Q	Premium USB to RS232 Converter Cable - 5m w/LEDs	35.00	32.77	32.02
895-UT232R-200	UT232R-200	R	USB to RS232 Converter Cable - 2m w/ Thumb Screws	30.00	28.09	27.45
895-UT232R-500	UT232R-500	R	USB to RS232 Converter Cable - 5m w/ Thumb Screws	36.50	34.17	33.39
895-USB-NMC-2.5M	USB NMC-2.5M	S	USB UART to USB UART Null Modem Cable - 2.5m	35.00	33.75	32.50
895-USB-KEY	FTDI USB-KEY	T	USB Security Key Device	14.99	14.03	12.71

