

Pin	Label	FTDI	Type	Description
1	GND	GND	PWR	Signal ground
2	V+	VCC	PWR	Power supply +4.4 V to 5.25 V
3	TXDE	TXDEN	OUT	Transmit enable for RS485
4	RI#	RI#	IN	Ring indicator
5	DCD#	DCD#	IN	Data carrier detect
6	DSR#	DSR#	IN	Data set ready
7	DTR#	DTR#	OUT	Data terminal ready
8	CTS#	CTS#	IN	Clear to send
9	RTS#	RTS#	OUT	Request to send
10	RXD	RXD	IN	Received data
11	TXD	TXD	OUT	Transmitted data
12	GND	GND	PWR	Signal ground
13	GND	GND	PWR	Signal ground
14	ECS	EECS	I/O	EEPROM enable
15	ESK	EESK	I/O	EEPROM clock
16	EDT	EEDATA	I/O	EEPROM data I/O
17	SL#	SLEEP#	OUT	Sleep mode indicator (log.0)
18	3V3	3V3OUT	OUT	3.3 V output from internal voltage regulator - this pin can source up to 5 mA.
19	RL#	RXLED#	O.C.	Receive LED
20	TL#	TXLED#	O.C.	Transmit LED
21	PWRCTL	PWRCTL	IN	log.0 after the device is configured
22	USBEN	USBEN	OUT	USB device configured indicator
23	USBDP	USBDP	I/O	USB data signal plus
24	USBDM	USBDM	I/O	USB data signal minus

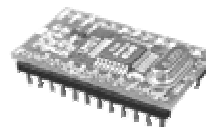
Signals with trailing '#' (hash mark) are active in log.0, other signals are active in log.1.

NOTICE: all signals are in TTL levels (5V), thus it is not possible to connect the module directly to RS232.

UMS1_MANEN

UMS1B - USB TO UART INTERFACE MODULE

UMS1B is a module based on FT232BM integrated circuit manufactured by FTDI Ltd., which provides with easy to use USB connectivity to PC without any need of additional knowledge about USB itself.



UMS1 is a USB to UART interface with full hardware data flow control capability. It is capable of data transfer rates up to 920 kBd (RS232) and up to 3 MBd (RS422/485). External EEPROM memory may be connected to store VID and PID identifiers for OEM applications. The module connects by 2 signals directly to USB connector, the application side provides with UART signals.

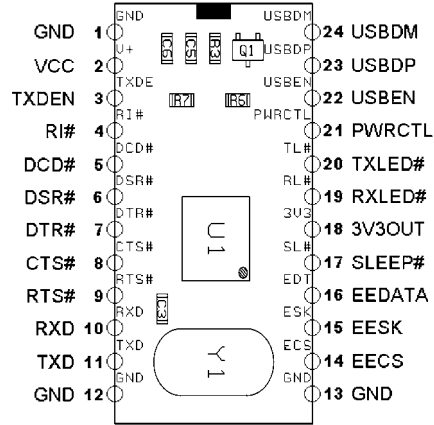
Software drivers for Windows 98/ME/2K/XP, Mac OS8/OS9/OS X and Linux are available for free on FTDI website (<http://www.ftdichip.com>).

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Top view



Bottom view

