

"The best way to predict the future is to implement it."

USB to SERIAL TTL



Features

- Baud rates up to 921600 bps
- Rx and Tx LED indicators
- 5.0 V and 3.3 V available for projects, up to 100 mA
- Small form factor

Pinout

- 1 Gnd
- 2 5V0
- 3 Tx
- 4 Rx
- 5 3V3
- 6 GND

USB to SERIAL TTL is built around Microchip MCP 2200. It adds a virtual serial COM port and can be used to power other boards with 5.0V and regulated 3.3V available on board. Maximum current that can be supplied is 100 mA. By default true serial is used.

Operating systems are Windows XP (Service Pack 3), Vista, Windows 7; 32 or 64 bit.

The driver can be obtained either from Microchip or can be downloaded from <u>http://www.shoretechnologies.co.nz/downloads/MCP2200.inf</u>

Installation guide Windows 7

1. Connect a mini USB cable to p-stick. Wait for Windows to search for driver. Click close if you opened the installation window.



2. Run Control Panel → Device manager. Locate "Other devices…"



3. Double click on the p-stick device then click 'Update Driver...' in Driver tab.

General	Driver	Details	
	Shore Technologies USB To Serial TTL		
	Driver Provider:		Unknown
	Driver	Date:	Not available
Driver Version		Version:	Not available Not digitally signed
	Digital Signer:		
Drįver Details			To view details about the driver files.
Update Driver			To update the driver software for this device.
Roll Back Driver			If the device fails after updating the driver, roll back to the previously installed driver.
<u>D</u> isable <u>U</u> ninstall			Disables the selected device.
			To uninstall the driver (Advanced).

4. In next window select 'Browse my computer for driver software...'



5. Browse for MCP2200 inf folder where it was saved. Click 'Next'



6. If a Windows security message appears choose 'Install this driver software anyway'



7. Wait until the driver is installed, it might be a minute or two. Click 'Close' to the message window that informs the driver was updated.



8. Close the USB Serial Port window opened in Step 3 and the Device Manager.

The installation is complete. To check the installation, open 'Devices and Printers', the board will appear listed as:



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