USB to serial UART interface Board with FT232R

Fully assembled and tested

Work with 5V and 3.3V Logic Interface

This converter provides two way serial communications signal conversion between the TTL (Transistor Transistor Logic) output
to and from a personal computer USB port using virtual serial COM port.

This converter can be used on any Micro controller - PIC, Atmel or other which has TTL serial communications.

The 3 pin jumper selects 5V and 3.3V.

Typical Applications:
" USB Industrial Control
" USB to RS232 / RS422 / RS485 Converters
" Upgrading Legacy Peripherals to USB
" Cellular and Cordless Phone USB data transfer cables and interfaces
" Interfacing MCU / PLD / FPGA based designs to USB
" USB Audio and Low Bandwidth Video data transfer
" PDA to USB data transfer
" USB Smart Card Readers
" USB Instrumentation

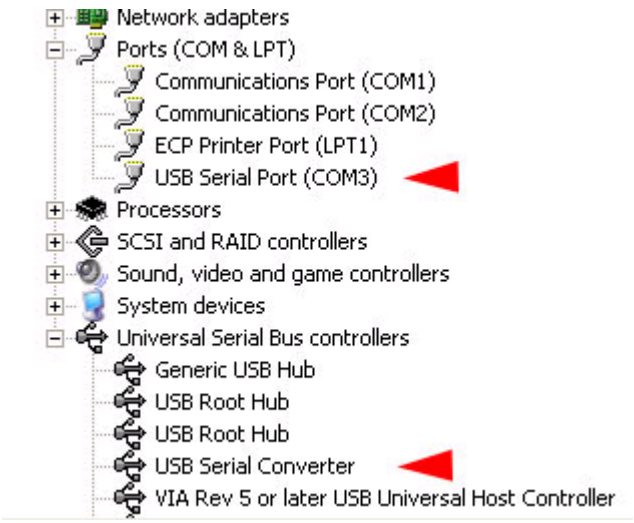
Drivers are available which allow FTDI devices to work with the following operating systems:

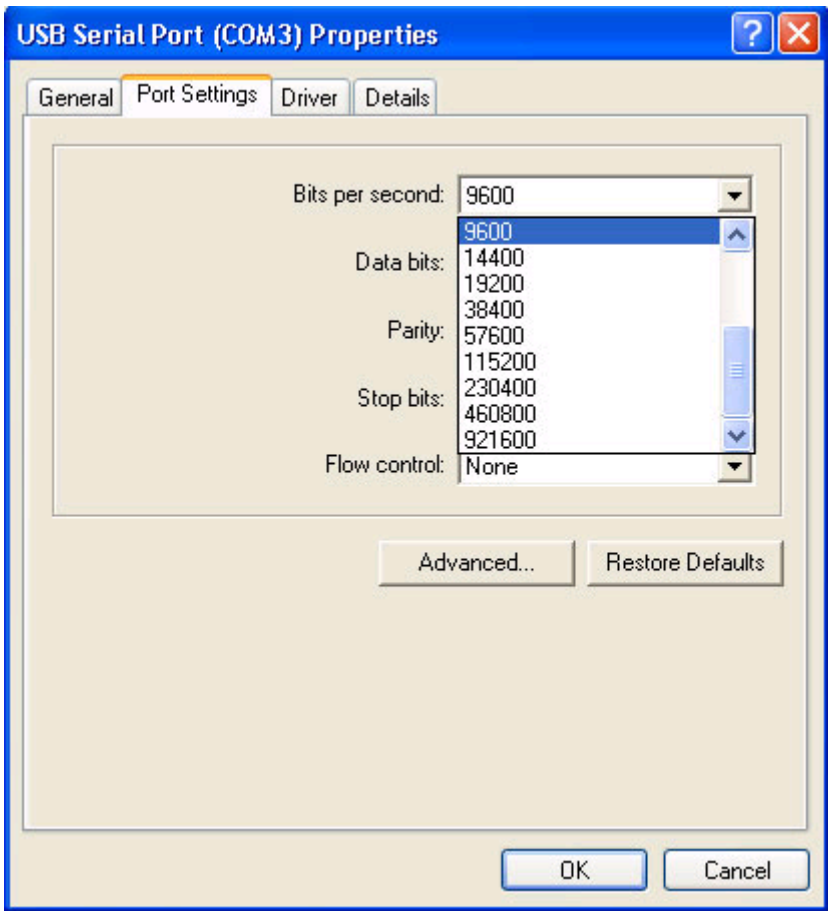
Windows Vista x64
Windows XP x64
Windows Server 2003 x64
Windows Vista
Windows XP
Windows Server 2003
Windows 2000
Windows ME
Windows 98
Linux
Mac OS X
Mac OS 9
Mac OS 8
Windows CE.NET (Version 4.2 and greater)

The drivers listed above are all available to download for free from the FTDI website. Various 3rd Party Drivers are also available for various other operating systems - see the FTDI website for details :

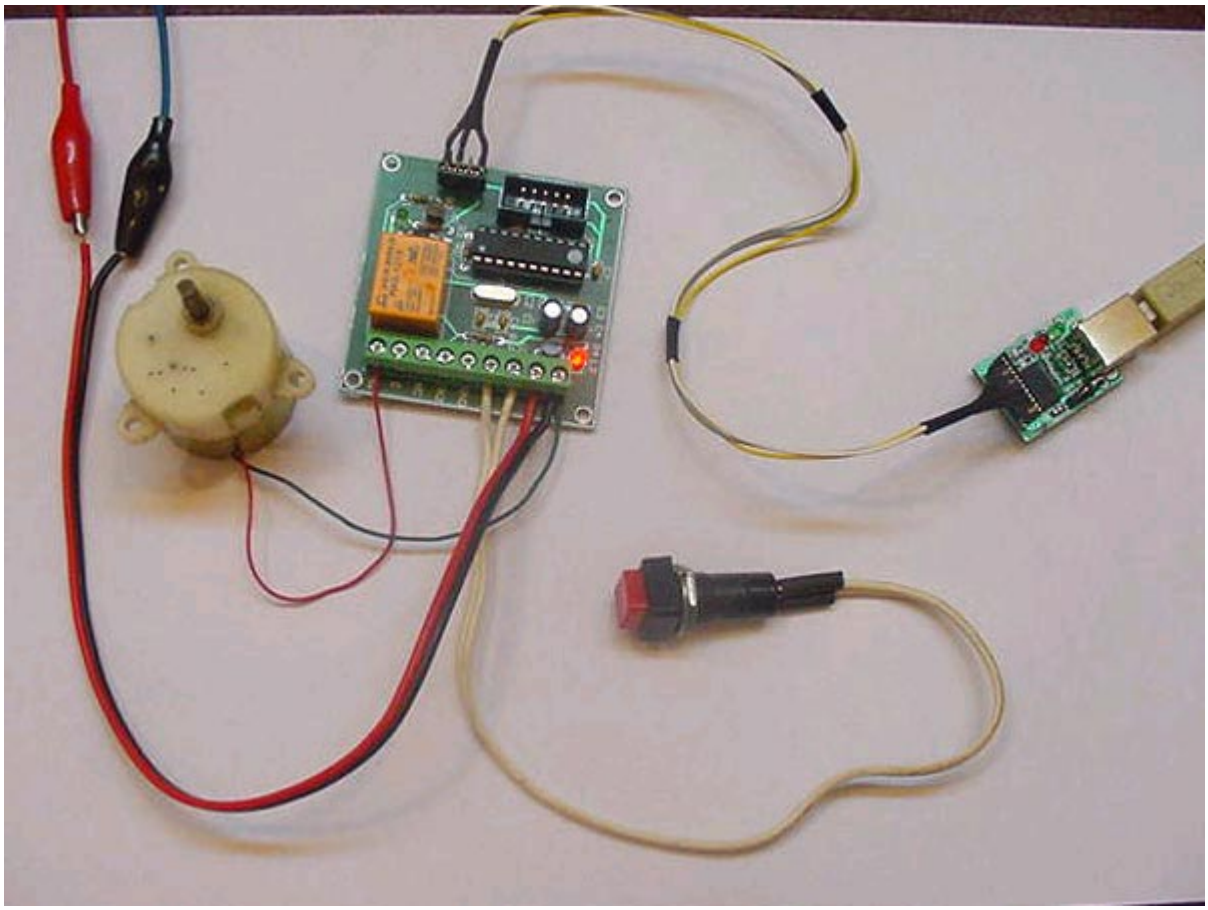
FTDI Chip Home Page - **http://www.ftdichip.com**

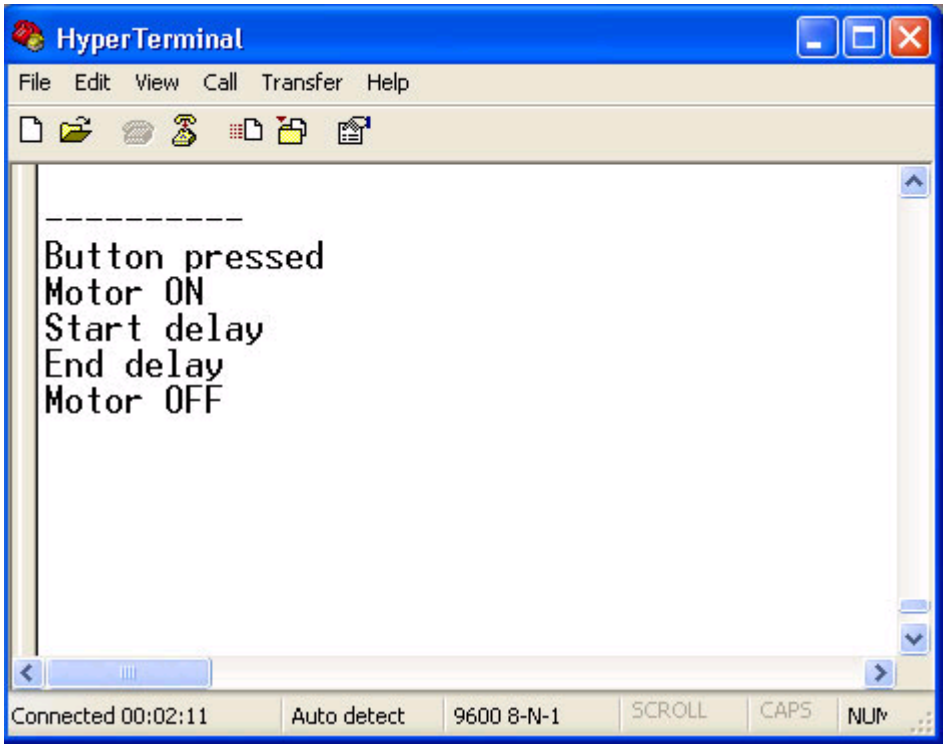
Drivers - **http://www.ftdichip.com/FTDrivers.htm**





Example :
Board connected to AVR project via HyperTerminal





```
void Motor(void)
{

      printf("\r\n"); printf("\r\n");
      printf("----------\r\n");
      while (Button==1);
      printf("Button pressed\r\n");
      Motor_ON();
      printf("Motor ON\r\n");
      printf("Start delay\r\n");
      delay_ms(3000);
      printf("End delay\r\n");
      Motor_OFF();
      printf("Motor OFF\r\n");

}
```