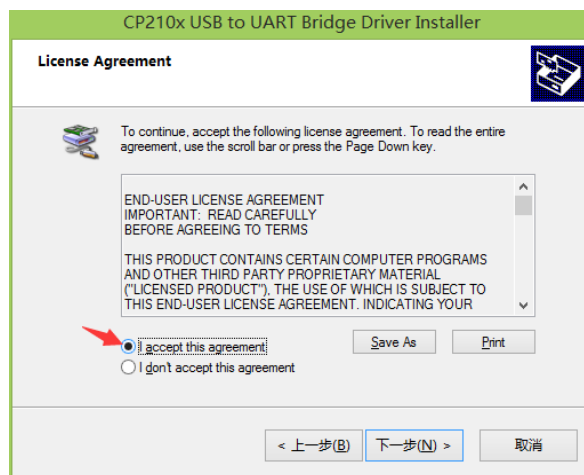


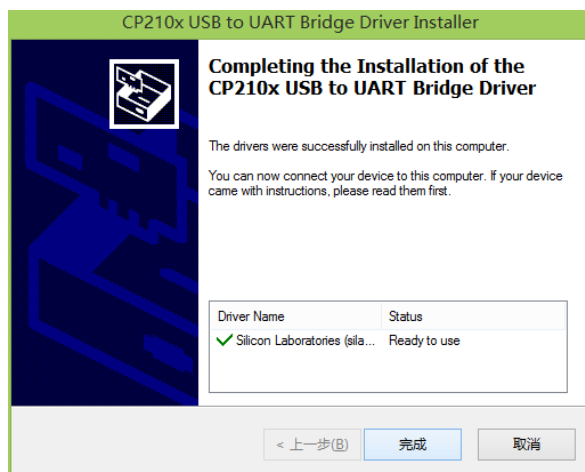
Six Functions serial port module

User manual

1 Install the driver

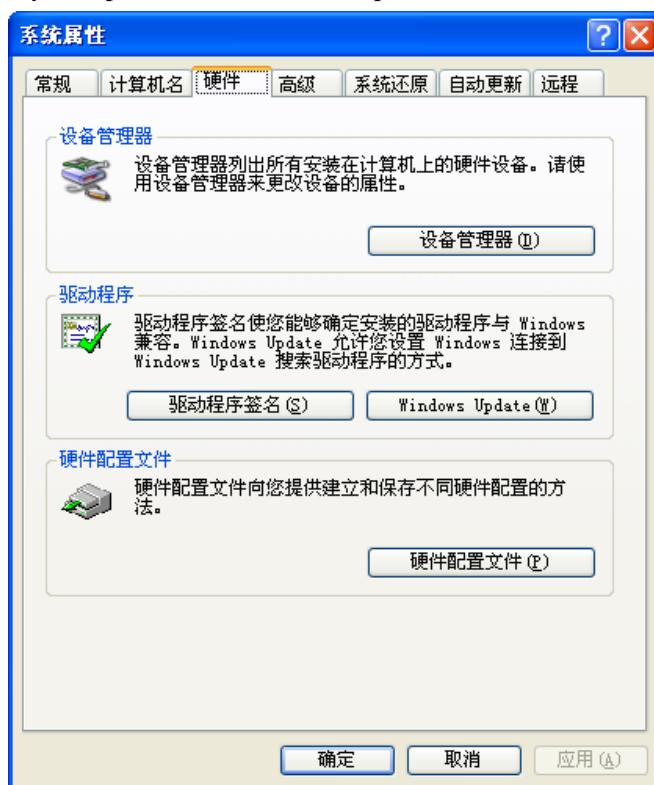
First, install the CP2102 driver. If the system is 32 bit , install CP210xVCPInstaller_x86.exe, if the system is 64 bit, install CP210xVCPInstaller_x64.exe. Click Next point to complete the installation. After installation is complete, you can insert the Six functions serial port module to the PC ,and it will add a COM port



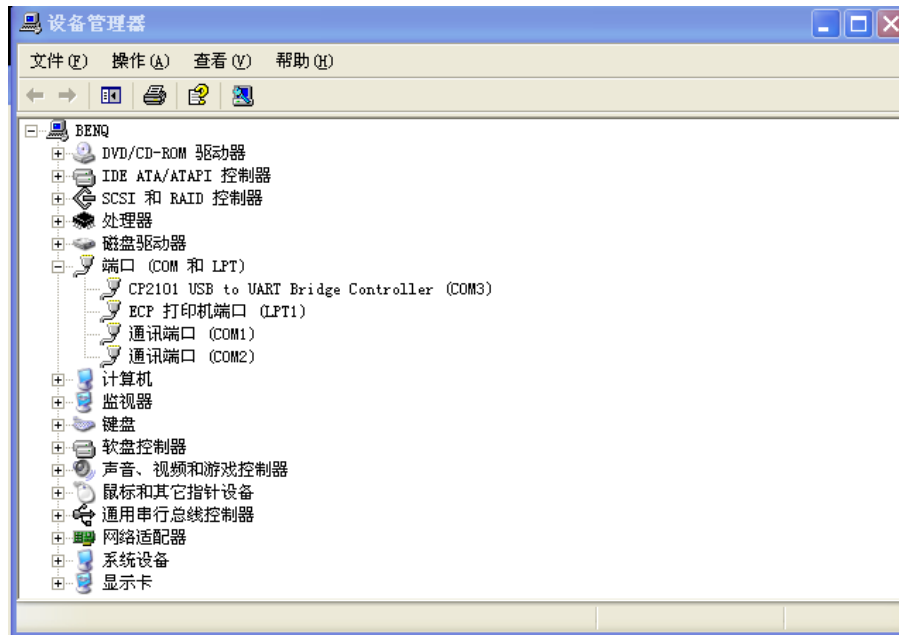


Check the port number

Right-click on My Computer and then click Properties, then click Hardware



Click on the Device Manager

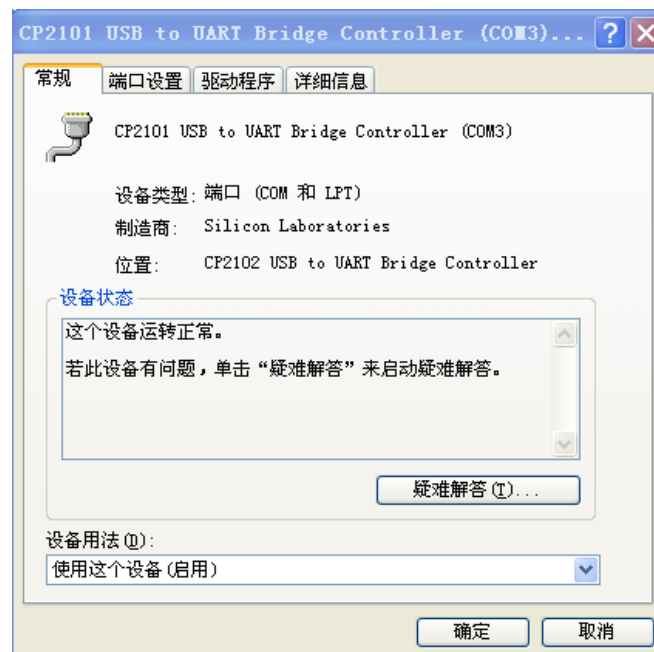


Expand Ports (COM & LPT), you can see the CP102 driver installation has been completed, the port number is COM3

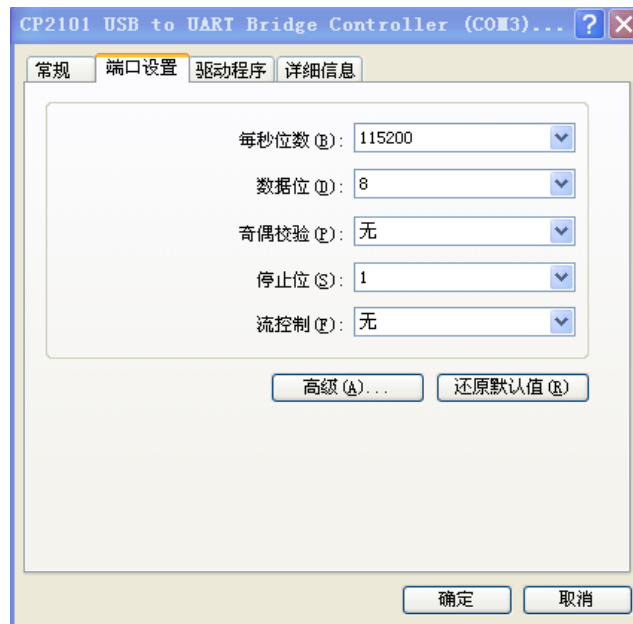
Change the port number

Sometimes we insert several USB serial module in the computer, if necessary, we can change the port number as you want .so you need to manually adjust the serial number.

Open Device Manager, right-click the CP102 USB to UART Bridge Controller, select Properties



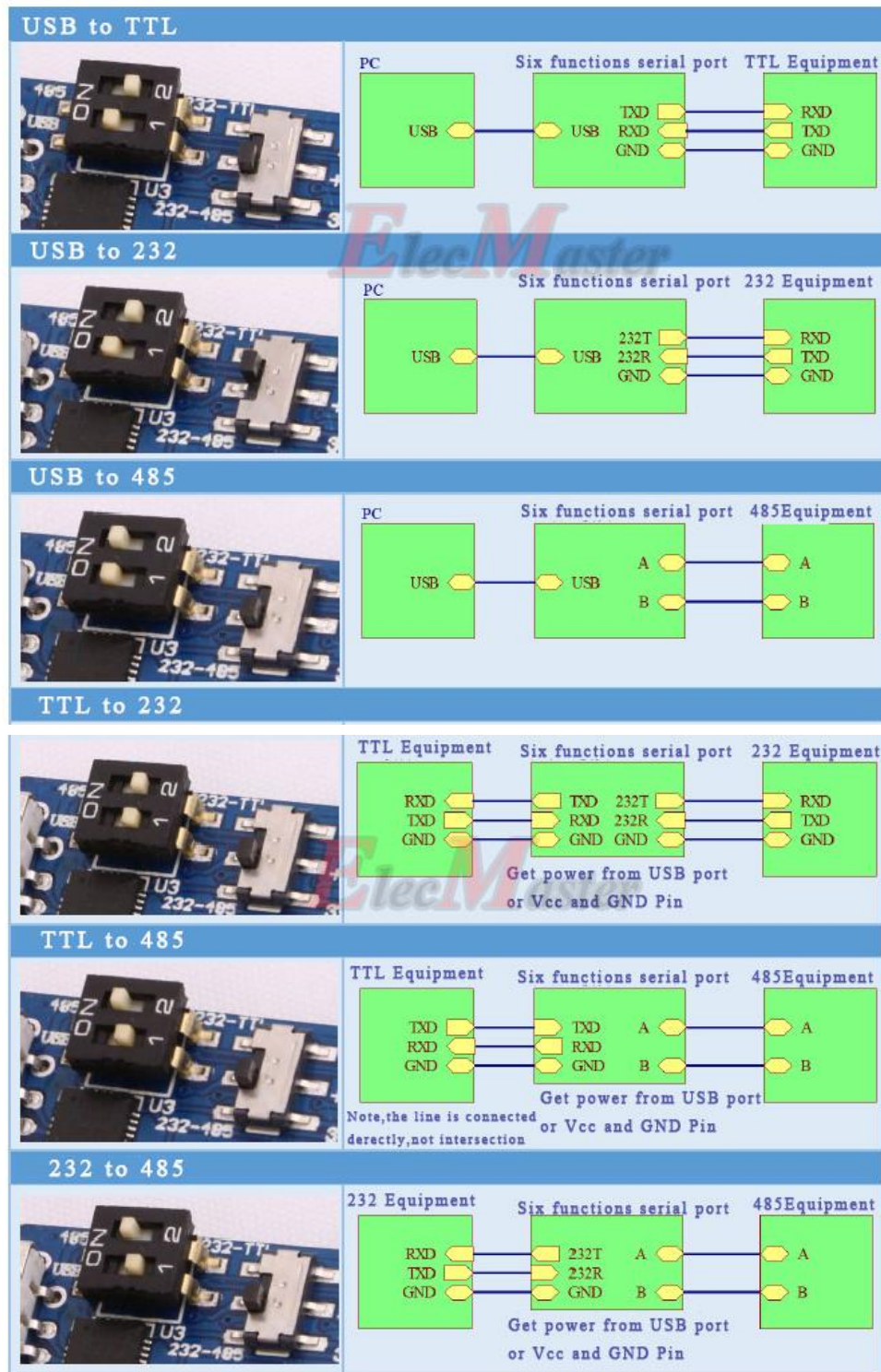
Select Port Settings, Advanced



Set the COM number.



2 Wiring instructions



2.1 USB to TTL Closed Loop

Set the switch of the module, choose the USB-TTL module. Connect TXD and RXD, and then insert the module into the computer, use the software Serial debugging assistant, to see if there is a corresponding data returned which you sent. If you can receive data which sent, it prove that the module is OK

2.2 USB to 232 Closed Loop

Set the switch of the module, choose the USB-232 module. Connect 232T and 232R, and then insert the module into the computer, use the software Serial debugging assistant, to see if there is a corresponding data returned which you sent. If you can receive data which sent, it prove that the module is OK

2.3 USB to 485

This mode test requires to connect to other 485 devices, such as using two Six Functions serial port module.

Eg.

Set two Six Functions serial port module, and set the module to USB to 485 mode , then connect A to A, B to B. Then connect the two modules to computer, open the two serial debugging assistant, send the data to each, if there is a corresponding data returned which you sent. it prove that the module is OK