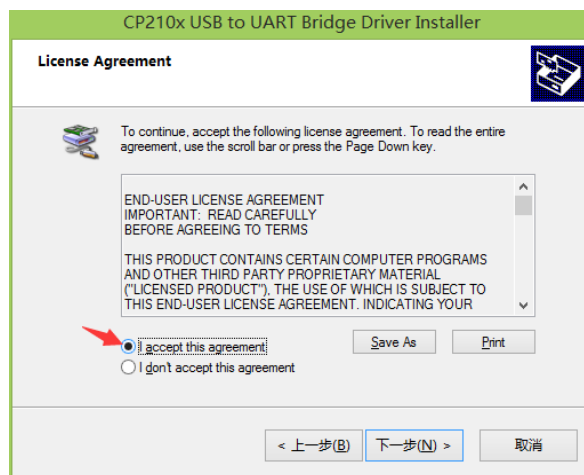


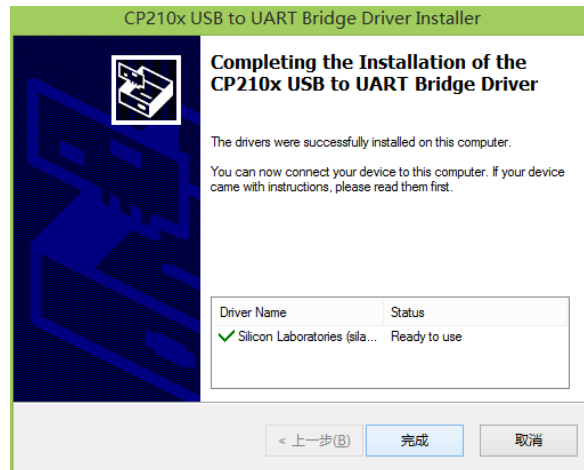
USB-TTL module

User manual

1 Install the driver

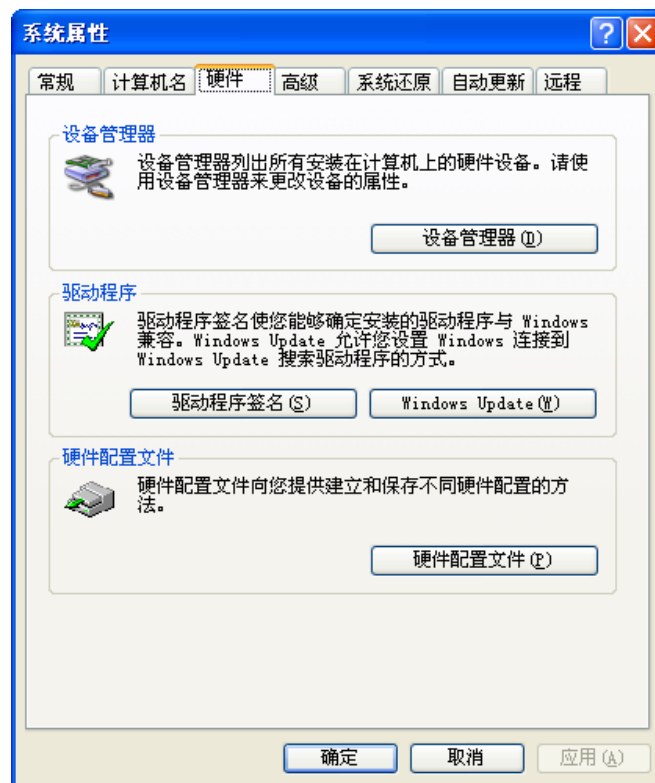
First, install the CP2102 driver. If the system is 32 bit , install CP210xVCPInstaller_x86.exe, if the system is 64 bit, install CP210xVCPInstaller_x64.exe. Click Next point to complete the installation. After installation is complete, you can insert the Six functions serial port module to the PC ,and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



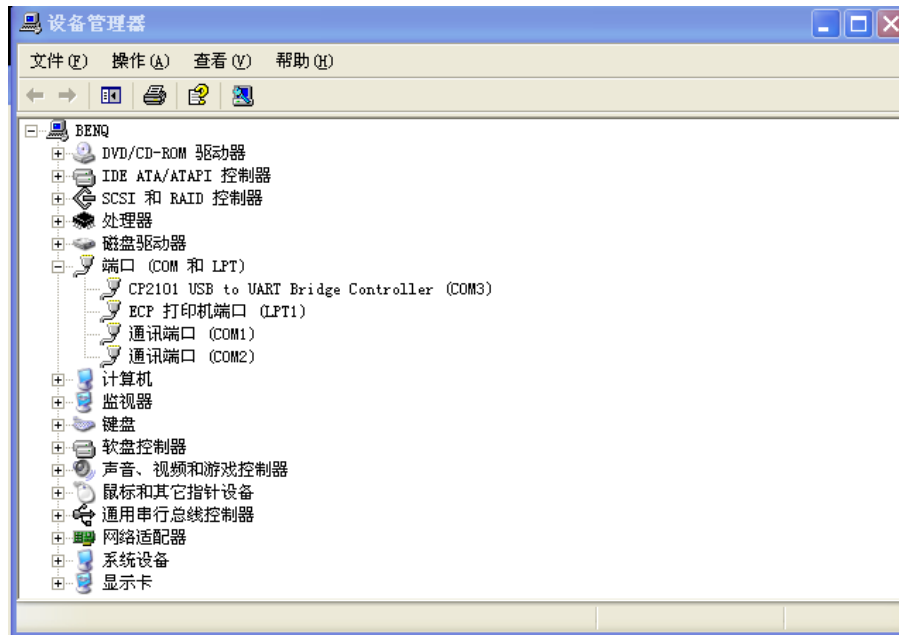


Check the port number

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



Click on the Device Manager

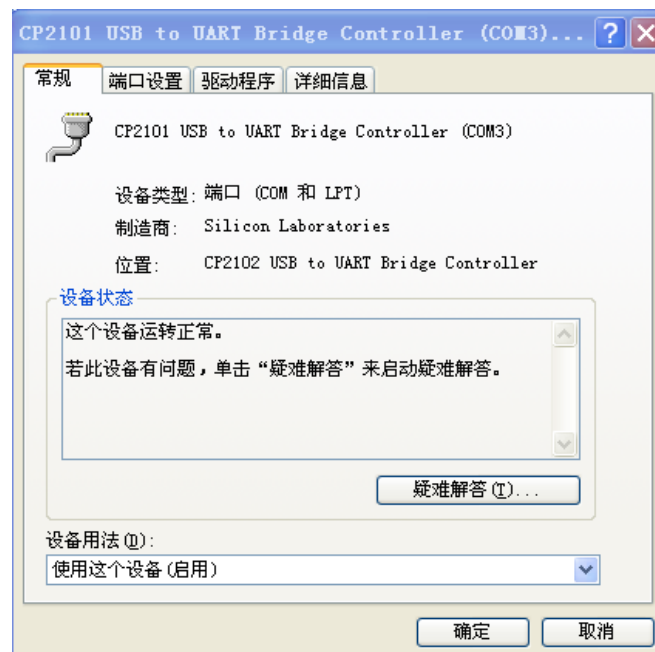


Expand Ports (COM & LPT), you can see the CP102 driver installation has been completed, the port number is COM3

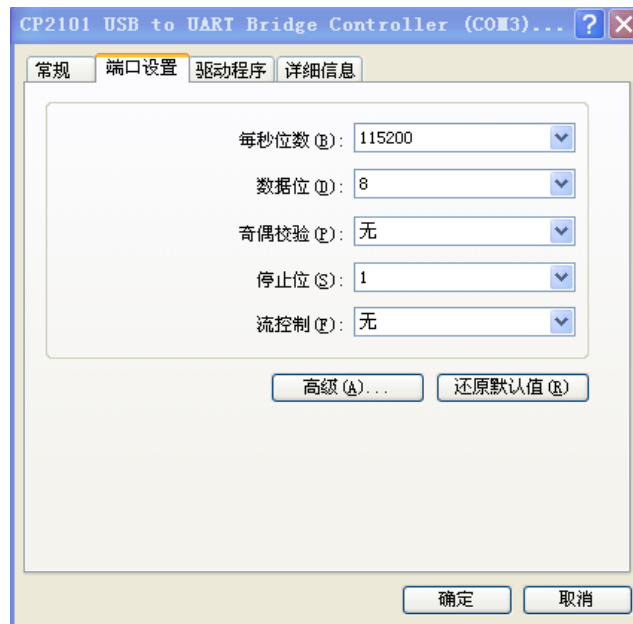
Change the port number

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