



HiSpark开发板--CH340G&CP2102&FT230x驱动安装指南

文档版本 001

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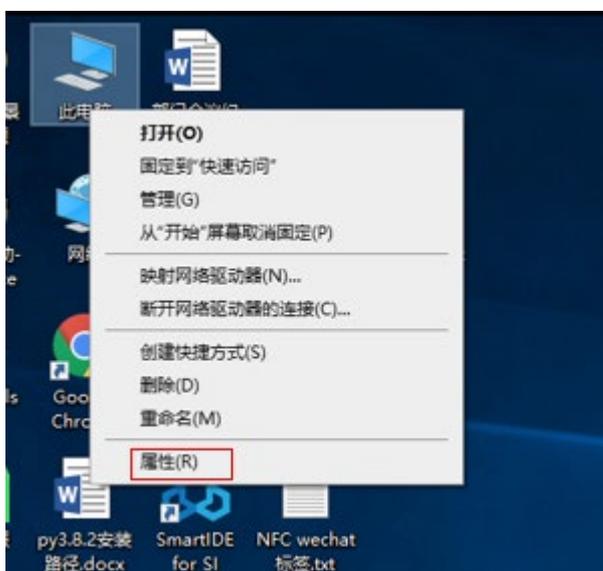
网址：<http://www.hisilicon.com>

1. 从网上下载 **CH340G 驱动**，推荐网址：<http://www.wch.cn/search?q=ch340g&t=downloads>



点击“下载”，按照默认步骤安装即可。

2. 安装完毕后插入 USB 设备，点击右键“此电脑”->在弹出框中鼠标左键点击“属性”



在弹出框中点击鼠标左键“管理器”

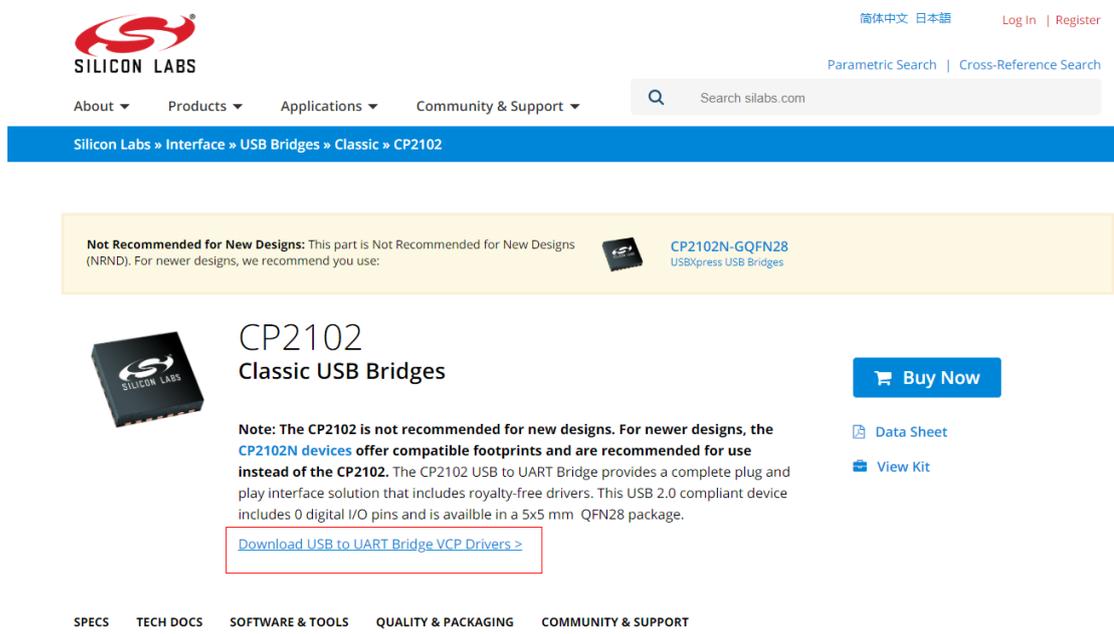


在弹出框中即可看到已安装的驱动，如下图所示：



如果没有上述图片显示的驱动，则代表驱动安装失败。

3. **CP2102 驱动安装**，推荐官方网址：<https://www.silabs.com/interface/usb-bridges/classic/device.cp2102>
进入网址后，点击图中的“[Download USB to UART Bridge VCP Drivers >](#)”



根据操作系统（win10/win7/win8/linux/android 等）选择所需的对应驱动即可：

Download Software

The CP210x Manufacturing DLL and Runtime DLL have been updated and must be used with v6.0 and later of the CP210x Windows VCP Driver. Application Note Software downloads affected are AN144SW.zip, AN205SW.zip and AN223SW.zip. If you are using a 5.x driver and need support you can download archived [Application Note Software](#).

[Legacy OS software and driver package download links and support information >](#)

Download for Windows 10 Universal (v10.1.8)

Note: The latest version of the Universal Driver can be automatically installed from Windows Update.

Platform	Software	Release Notes
 Windows 10 Universal	Download VCP (2.3 MB)	Download VCP Revision History

Download for Windows 7/8/8.1 (v6.7.6)

Platform	Software	Release Notes
 Windows 7/8/8.1	Download VCP (5.3 MB) (Default)	Download VCP Revision History
 Windows 7/8/8.1	Download VCP with Serial Enumeration (5.3 MB) Learn More >	Download VCP Revision History

Download for Windows XP/Server 2003/Vista/7/8/8.1 (v6.7)

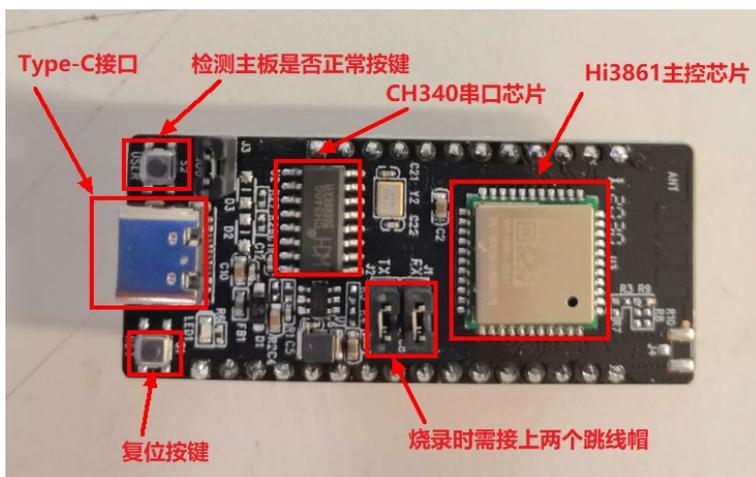
Platform	Software	Release Notes
 Windows XP/Server 2003/Vista/7/8/8.1	Download VCP (3.66 MB)	Download VCP Revision History

解压安装即可。

- 和上述安装 ch340G 步骤一致，插入 USB 设备打开设备管理器，查看是否可以识别设备，安装驱动成功如下：



5. FT230x 驱动安装，海思目标板：



推荐官方网址：<https://www.ftdichip.com/Drivers/D2XX.htm>
 进入网址后点击“setup executable”

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D2XX Direct Drivers
 This page contains the D2XX drivers currently available for FTDI devices.
 For Virtual COM Port (VCP) drivers, please click [here](#).
 Installation guides are available from the [Installation Guides](#) page of the [Documents](#) section of this site for selected operating systems.

D2XX Drivers
 D2XX drivers allow direct access to the USB device through a DLL. Application software can access the USB device through a series of DLL function calls. The functions available are listed in the [D2XX Programmer's Guide](#) document which is available from the [Documents](#) section of this site.
 Programming examples using the D2XX drivers and DLL can be found in the [Projects](#) section of this site.

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点击下载驱动安装包

Currently Supported D2XX Drivers:

Operating System	Release Date	Processor Architecture				Comments	
		x86 (32-bit)	x64 (64-bit)	ARM	MIPS		SH4
Windows*	2017-08-30	2.12.28	2.12.28	-	-	-	WHQL Certified. Includes VCP and D2XX. Available as a setup executable . Please read the Release Notes and Installation Guides .
Windows RT	2014-07-04	1.0.2	-	1.0.2	-	-	A guide to support the driver (AN_271) is available here .
Linux	2018-06-22	1.4.8	1.4.8	1.4.8 ARMv6 soft-float	1.4.8 MIPS32 soft-float	1.4.8 MIPS32 hard-float	If unsure which ARM version to use, compare the output of <code>readelf</code> and <code>file</code> commands on a system library with the content of <code>release/build/ftdi2xx.txt</code> in each package. Recompile
				1.4.8 ARMv5 soft-float uClibc			
				1.4.8 ARMv6 hard-float ***			
				1.4.8 ARMv7 hard-float ***			
				1.4.8 MIPS openmrt-uClibc			

下载后解压安装包，默认安装步骤即可。

6. 和上述步骤一样，插入设备，打开“设备管理器”查看是否能识别设备，如下情况表示驱动已安装成功，否则驱动安装失败：

- ▼  DESKTOP-33HI1OR
 - >  IDE ATA/ATAPI 控制器
 - >  安全设备
 - >  处理器
 - >  磁盘驱动器
 - >  存储控制器
 - >  打印队列
 - ▼  端口 (COM 和 LPT)
 -  Intel(R) Active Management Technology - SOL (COM3)
 -  USB Serial Port (COM19)
 -  通信端口 (COM1)
 -  通信端口 (COM2)
 - >  固件