
Trouble shooting

1: The Arduino IDE does not have a CP210x driver file

Compared with Arduino UNO REV3, LK COKOINO V1 board uses CP2102 USB to Serial chip instead of Atmega16U2 chip. Only the Arduino IDE over version 1.8 comes with CP2102 chip driver. If you are using an Arduino IDE that is less than 1.8, download the driver and install it from the following link:

<https://www.silabs.com/products/development-tools/software/usb-to-uart-bridge-vcp-drivers>



For example windows 10:

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

Unzip the installation package and install the driver according to the system parameters:

32bit operating system:	64bit operating system:
 CP210xVCPInstaller_x86.exe Driver Package Installer	 CP210xVCPInstaller_x64.exe Driver Package Installer

2. Code compilation error

Check if you have added the Libraries files your program needs to the "Libraries" folder in the Arduino IDE installation directory.

3. The added library file could not be found

You must restart the Arduino IDE after you add the library file, otherwise the Arduino IDE will not recognize the newly added library file.

4. The experiment did not achieve the expected effect

Check whether the diode, LED light, transistor, buzzer and other polarity elements are properly connected or connected correctly.