CH34x Driver Installation on macOS

1. Connect the ESP32/ESP3S3 board to your computer.
   Remember to remove other components from the breadboard first if you are using the Starter kit.
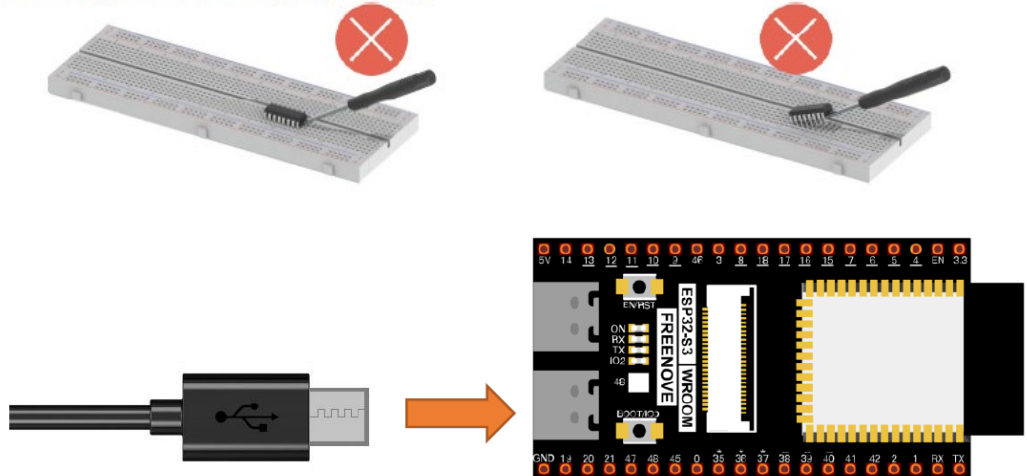
Remove the Chips

Some chips and modules are inserted into the breadboard to protect their pins.
You need to remove them from breadboard before use.
Please find a tool (like a little screw driver) to handle them as below:
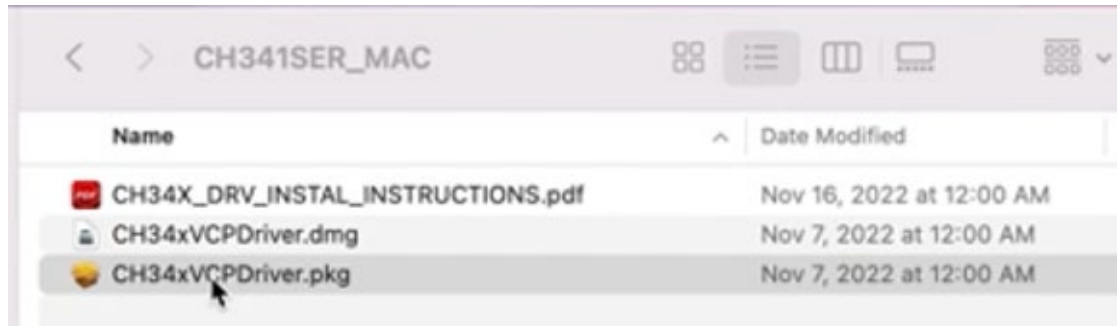
Step 1, lift **one end** slightly.

Step 2, lift **the other end** slightly.
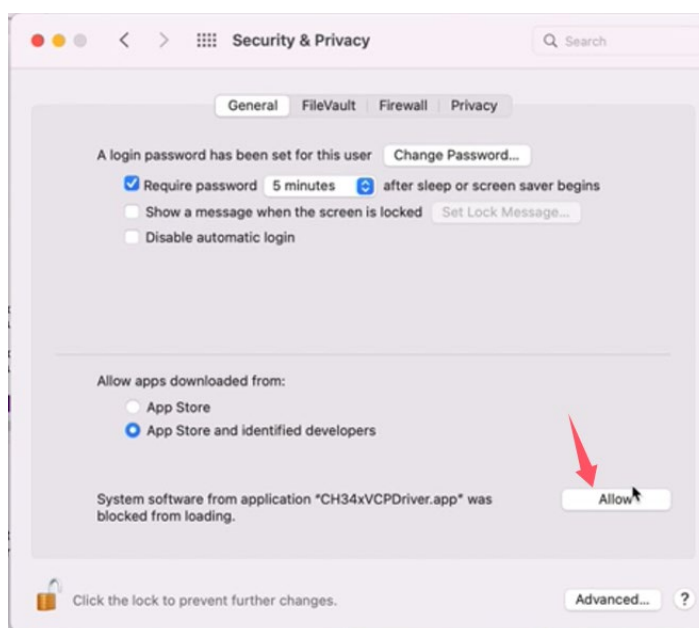
Step 3, take off the chip with your hand.

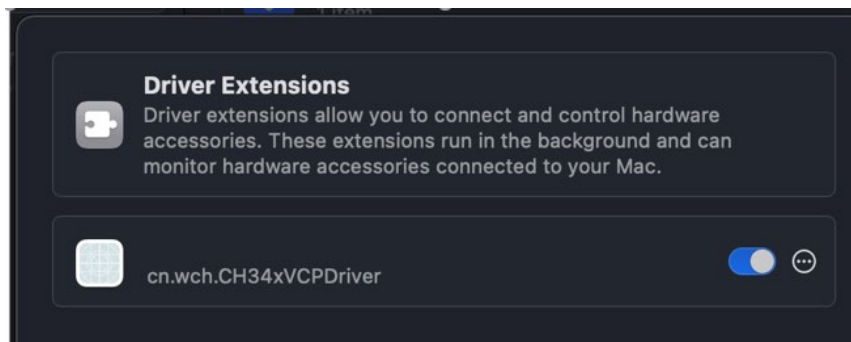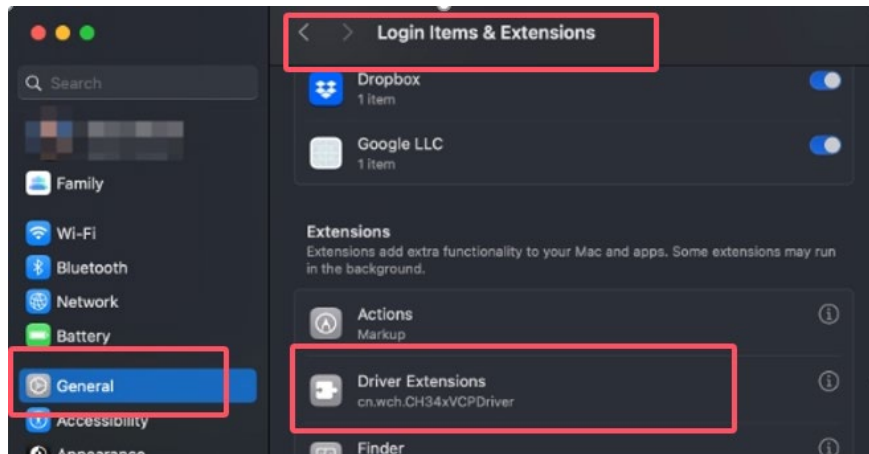Avoid lifting one end with big angle directly.

2. Download the ch34x driver from WCH official.
   https://www.wch-ic.com/downloads/CH34XSER_MAC_ZIP.html

3. Open the CH34xVCPDriver.pkg to install the driver.

If it is blocked, please open Security Preferences to allow it.

If your OS is Sequoia 15.0.1 and above, please go to System settings - General - login items - extensions to enable the driver.

4. Run ls /dev/cu.wchusbserial* to check the port. The port /dev/cu.wchsubseralxxx is the one to select on Arduino IDE.