

Scenario B – macOS Does Not Recognize the Device

If no prompt appears and the board is not listed in `/dev/cu.*`, follow the steps below to manually install the CP210x driver.

Follow the steps:

a) Download the Driver

- Go to: <https://www.silabs.com/developers/usb-to-uart-bridge-vcp-drivers>
- Select the macOS version compatible with your system.
- Download the .dmg file.

b) Install the Driver

1. Open the .dmg file.
2. Launch the .pkg installer.
3. Follow the on-screen instructions:
 - **Click Continue**
 - **Accept the license**
 - **Click Install**
4. Restart your Mac.

c) Allow System Extension (if blocked)

1. Go to System Settings → Privacy & Security
2. If you see a message like:

“ System software from developer ‘Silicon Labs’ was blocked

Click **Allow**

3. Restart again if requested.

d) Reconnect and Verify

1. Reconnect the Dev Chip Board.

2. Allow access if prompted.

3. Run:

```
ls /dev/cu.*
```

Make sure /dev/cu.SLAB_USBtoUART appears.

4. Check in System Information → USB as well.

e) Final Step: Test with ChipInventor

1. Open ChipInventor → go to the Synthesis tab.

2. If all is working, you'll see:

A light gray rectangular box with a dark blue vertical bar on the left side. Inside the box, the text "ChipLoader is Ready!" is displayed in a bold, dark blue font, preceded by two small blue slanted bars (//).

// ChipLoader is Ready!

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