

Installing CP2102 USB Driver V1.1

Note:- These guides must be followed in the correct order

ESP32 Installing CP2102 USB Driver

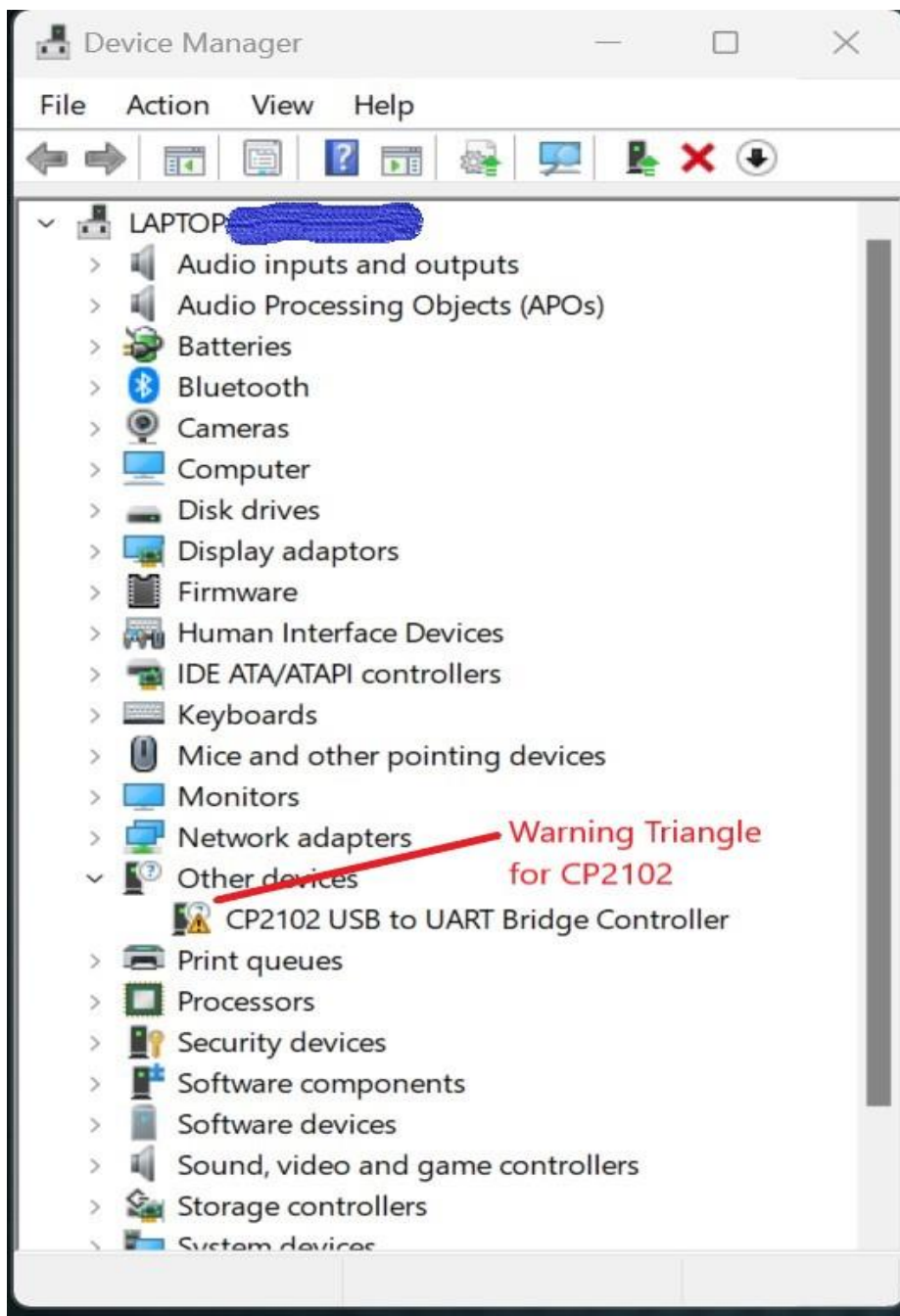
ESP32 Arduino Software Load

ESP32 Firmware Load

The CP2102 device driver does not normally come pre-installed on Windows and has to be installed manually.

Connect the ESP32 board to the compute using a suitable USB cable.

Open Device Manager by pressing Windows Key + X and selecting 'Device Manager'



If you see a **yellow ! triangle** labelled CP2102, then drivers require installing.

Note:- the Ports (COM & LPT) may need expanding, to see the device.

Step 1,

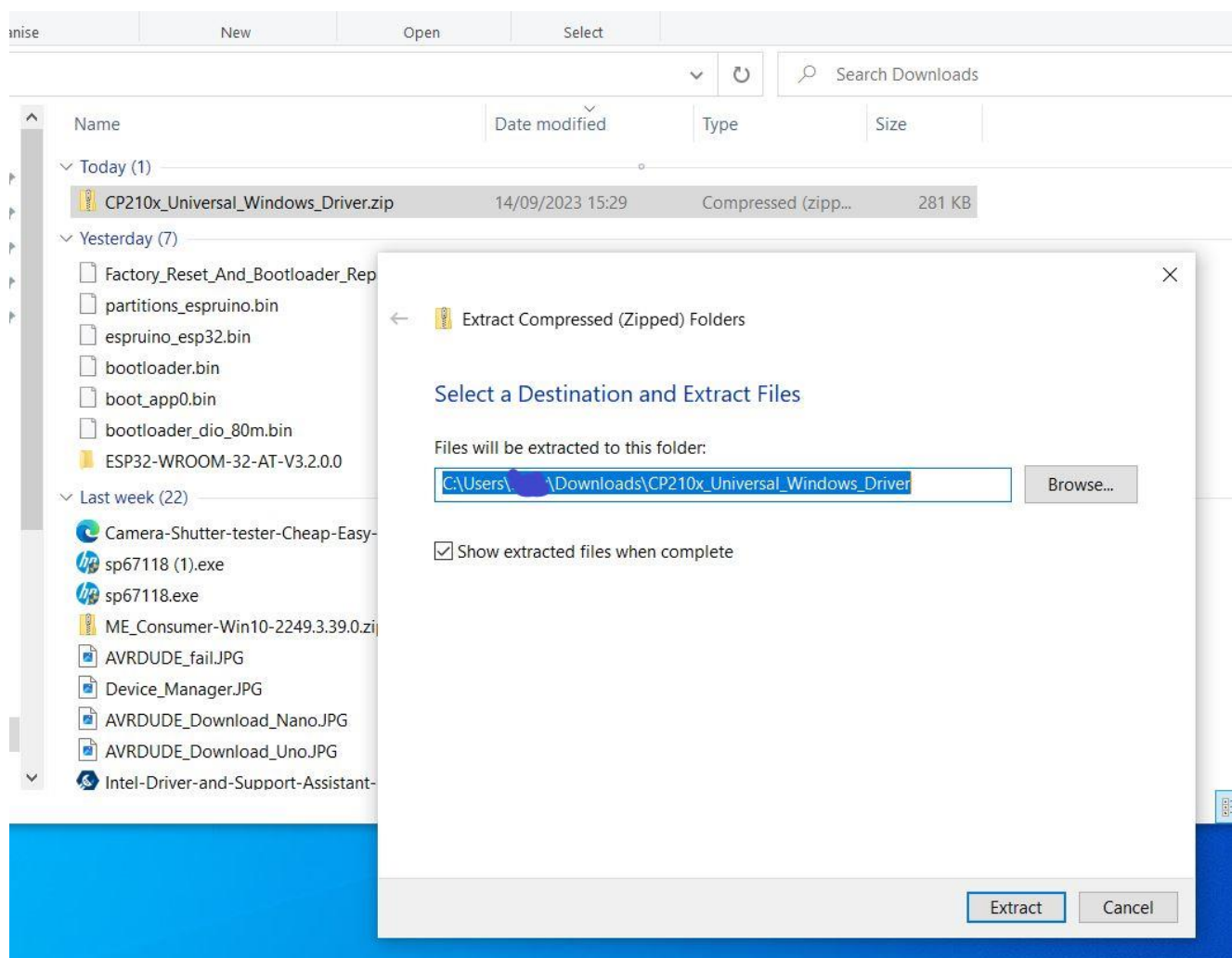
Download the drivers from the link below.

For Windows users, select the top one, CP210x Universal Windows Driver

[CP210x USB to UART Bridge VCP Drivers - Silicon Labs \(silabs.com\)](https://www.silabs.com/usb-to-uart-bridge-vcp-drivers)

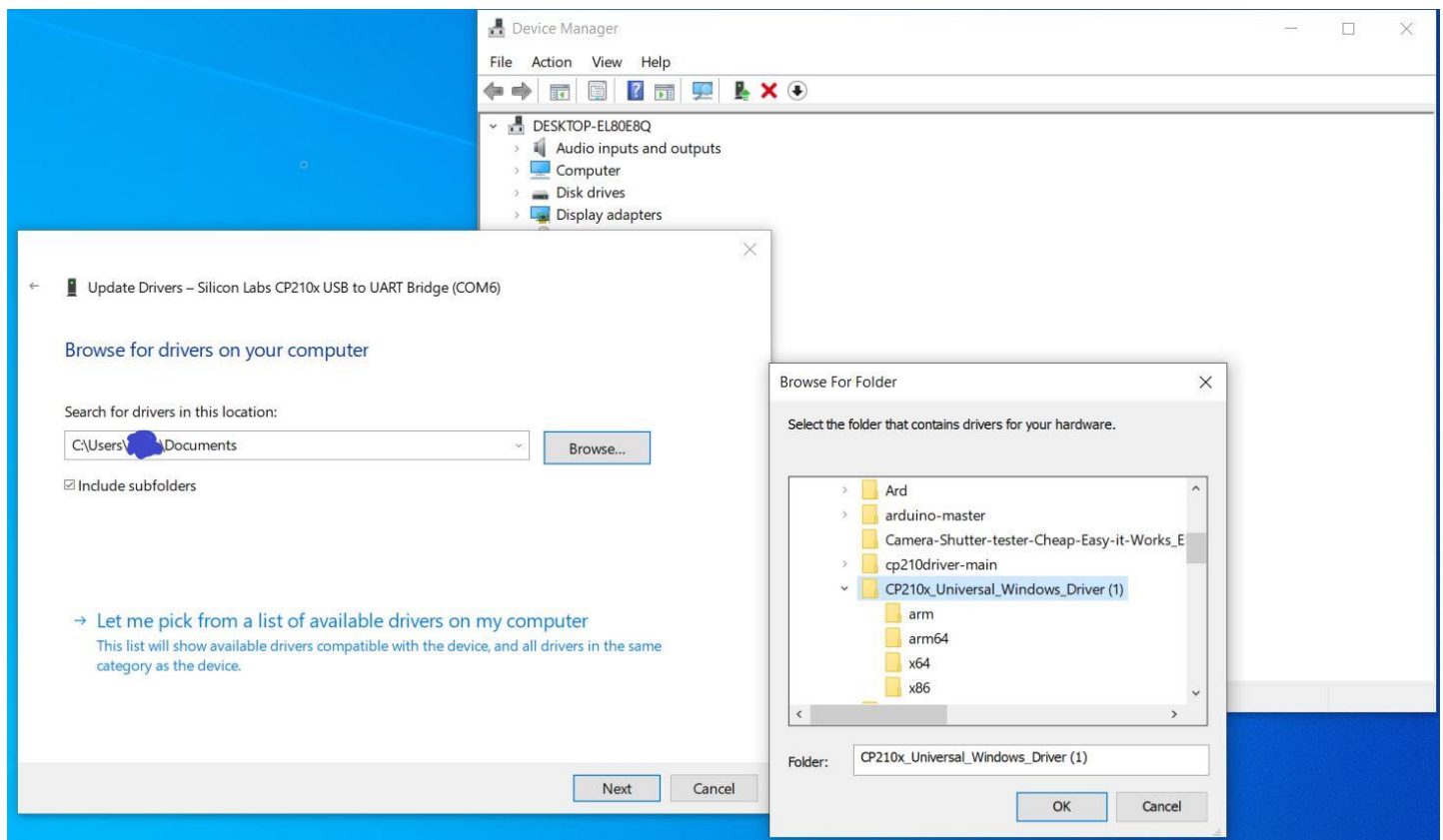
Step 2,

Navigate to the downloaded file (most likely in Downloads directory) Highlight it by clicking once, then right-click and select 'Extract All' and accept the default directory.



Step 3,

Go back to Device Manager and right-click on the **Yellow ! Triangle** select 'Update Driver' and then 'Browse my computer for drivers'



Click 'Browse' and navigate to the Downloads folder, find and click on the folder that was previously downloaded & extracted.

Click 'Ok' and then 'Next' in the previous box and the drivers should be installed.

A computer re-start will be required to complete installation.