

MeMos D1 Mini

Loading and Configuring the Firmware

The firmware used on the D1 Mini was developed by Tim Blythman and published in the April 2018 issue of Silicon Chip magazine. For the full description you should read the article:

<https://www.siliconchip.com.au/Issue/2018/April/The+Clayton%E2%80%99s+%E2%80%99CGPS%E2%80%9D+time+signal+generator>

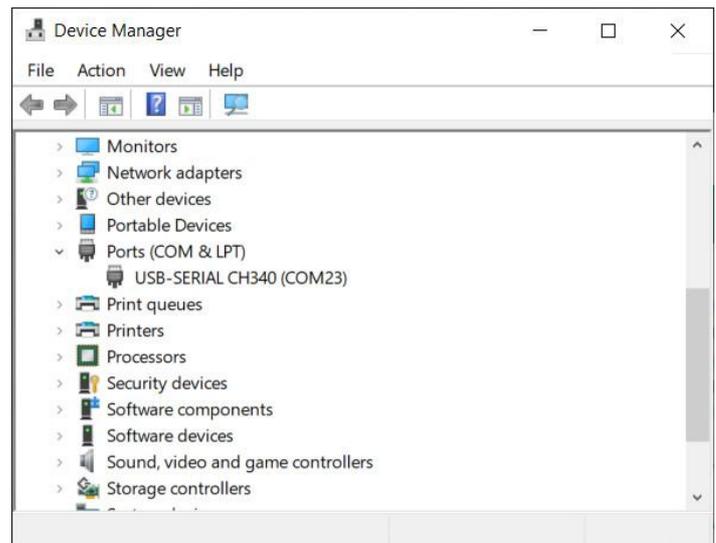
These instructions are for a Windows computer. For other computers you will need to use the Arduino IDE as described in the above article.

Plug the D1 Mini into a USB port on your computer.

You should get the “USB device connected” sound.

Use Device Manager to determine the virtual serial port allocated by Windows to the D1 Mini which is listed as “USB-SERIAL CH340” as illustrated on the right.

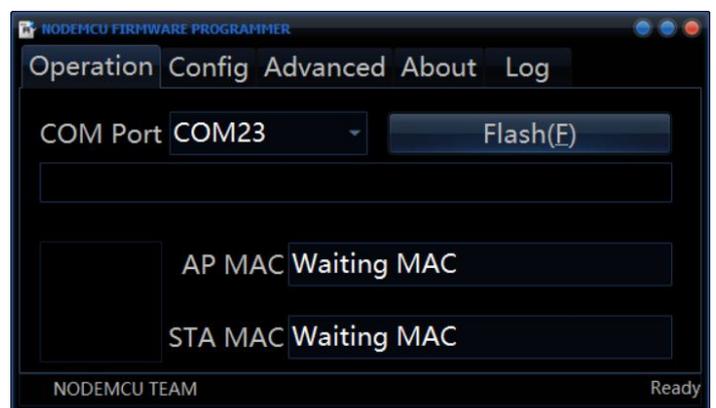
In this case it is COM23.



Run the program “ESP8266Flasher.exe”.

It should look like this:

Note that the program will guess at the COM port. If this is wrong you will have to change it.



Select the **Config** tab and enter the location of the firmware file on your computer. (ie, NTP_client_for_ESP8266_GPS_OUTV12.bin)

Clicking on the gear icon will allow you to browse for the file

Leave the starting address at 0x00000.

