

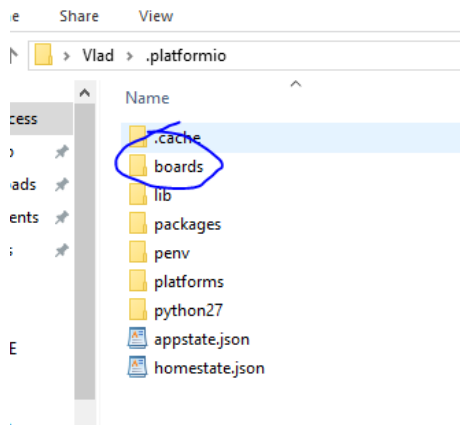
Using the TINAH board with Platformio

Why?

Platformio is a better/more powerful alternative to the Arduino IDE. It supports unit testing, and has a built-in library downloader. It is available as a plugin for Visual Studio Code or Atom (supports all operating systems).

Steps:

1. Download the files [here](#)
2. Install either [Atom](#) or [Visual Studio Code](#)
3. Install [Platformio](#) for your editor of choice
4. Open your editor and launch Platformio, make sure you can get to the Platformio homepage
5. Create a “boards” folder in either C:\Users\%username%\platformio (similar location on MacOS)



6. Place the tinah.json into the boards folder
7. Place the tinah folder into C:\Users\%username%\platformio\packages\framework-arduinoavr\variants (Similar location on MacOS). If any folders do not exist, create them.
8. Download the example Platformio project from [here](#). The following lines should exist in platformio.ini:

```
[env:tinah]
platform = atmelavr
board = tinah
framework = arduino
upload_port = COM14
```

9. Change the upload_port to the correct one before uploading
10. Enjoy!