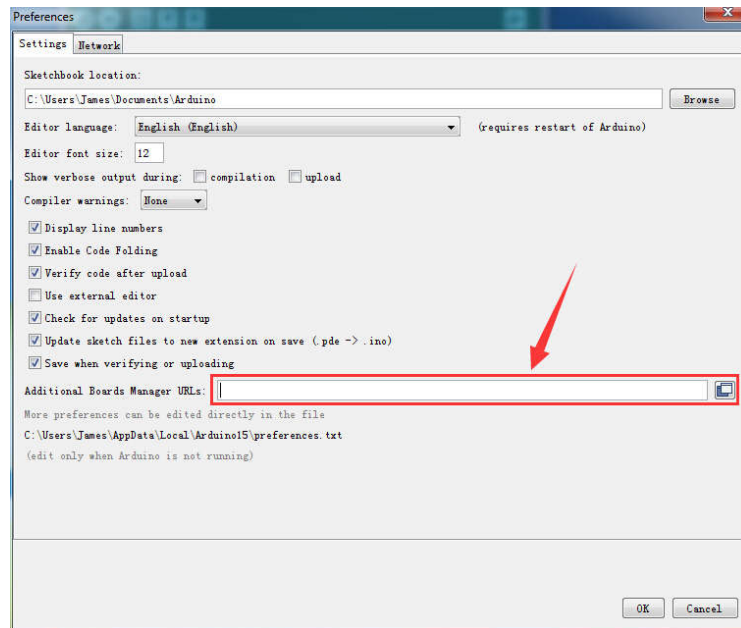


Zero Pi FAQs

1. Q: Why ZeroPi data pack “ZeroPi (32-bits ARM Cortex-M0+) by ZeroPi Team” was not successfully installed?

A: There are two major reasons that cause unsuccessfully installation of the data pack.

(1) There is no ZeroPi boards manager URL in the “Additional Boards Manager URLs”, as below:



ZeroPi boards manager URL:

https://raw.githubusercontent.com/jiexinluoye/ZeroPi_package/master/package_zeropi_index.json

Please click “File” -> “Preferences” and open “Settings” window, copy the ZeroPi boards manager URL into “Additional Boards Manager URLs”. Then click “OK” to close the window. At this time, you can try to install “ZeroPi (32-bits ARM Cortex-M0+) by ZeroPi Team” data package again.

(2) Your network cannot visit GitHub directly. You may need to visit GitHub with web tools. Please search on the internet for related tools.

2. Q: Why cannot print serial data with calling “Serial.print()” function?

A: The serial port connected to ZeroPi Micro USB interface use “SerialUSB.print()” instead of “Serial.print()” function. Actually, “Serial.print()” function is for the Raspberry Pi interface in Zero Pi.

3. Q: Why there is a mental pin in the Zero Pi GND pin?

A: This is an anti-reverse measurement. The ZeroPi driver interface can be connected with DC motor diver and stepper motor driver. All the motor drivers needed to be installed in a correct way , otherwise it may cause damage on the motor driver. Please make sure the small white triangle on motor driver is in the same direction with the triangle on ZeroPi.

4. Q: The maximum driving current of the MOS driver interface on ZeroPi?

A: 10 A.

5. Q: How many step resolutions does the DRV8825 stepper motor driver module have?

A: Totally six different step resolutions.

1	0	Full Step
2	1/2	Half Step
3	1/4	Quarter Step
4	1/8	Eighth Step
5	1/16	Sixteenth Step
6	1/32	Thirty-two Step