

# ESP32

- 1. download and install Arduino IDE
- 2. Select to install Usb Driver
- 3. Once you open Arduino there are only Arduino Board available
- 4. Go to File > Preferences.
- 5. Paste in the following link in the additional boards manager url box  
[https://dl.espressif.com/dl/package\\_esp32\\_index.json](https://dl.espressif.com/dl/package_esp32_index.json)
- 6. Go to the Board Manager and Type ESP32
- 7. Install the latest version of the ESP32 Library
- 8. Once done you can see all the ESP32 Boards
- 9. Select the ESP32 Dev Module
- 10. If u look under the list of Examples You will view a bunch of ESP32
- 11. Go to ESP32 > Chip Id > Get chip id
- Lets now connect The ESP32 cable
- You will need A micro usb cable
- Plug it to the board , Then plug the other end to a your computer , now you should see that the power led is On
- Okay now with the board connected we are almost ready to upload
- 12. Press the ESP32 Dev module
- 13. And to right click in Port ; COMS
- 14. Now press upload
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