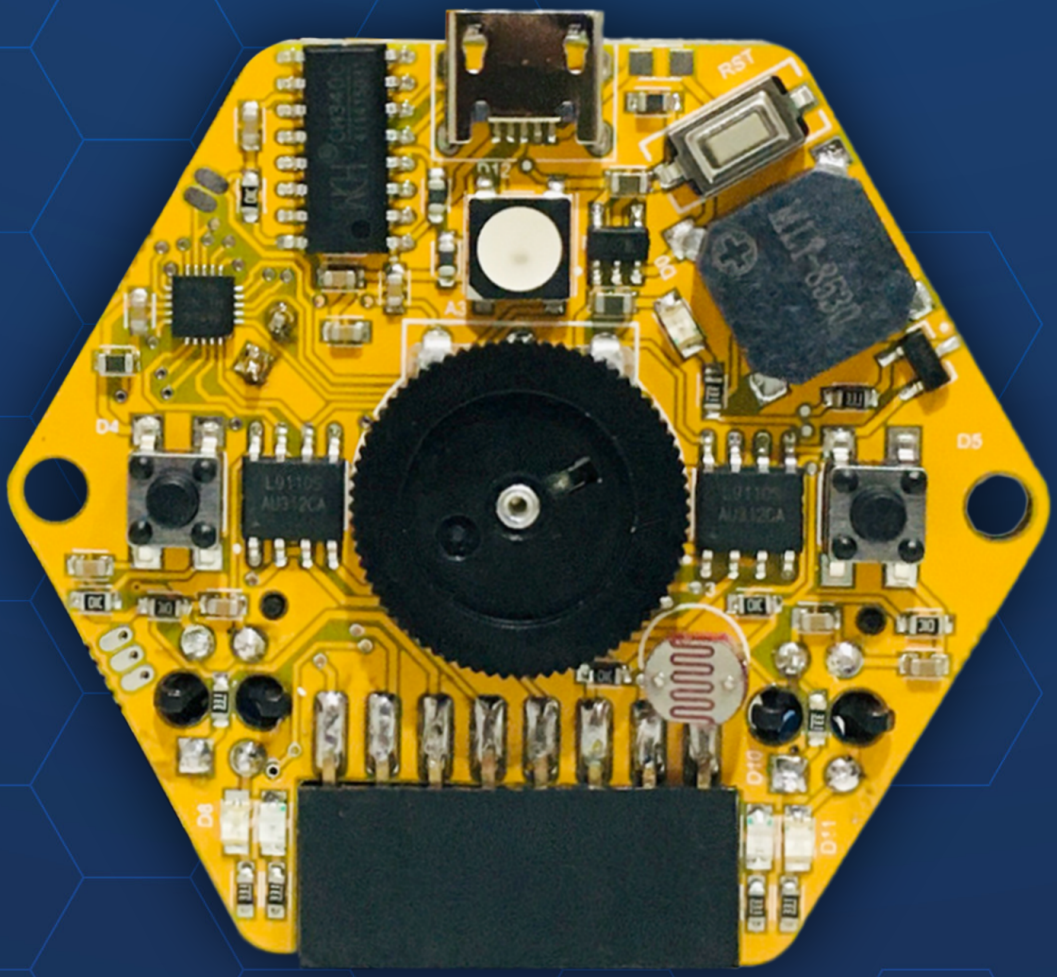
magicbit

TINY

OS UPDATE

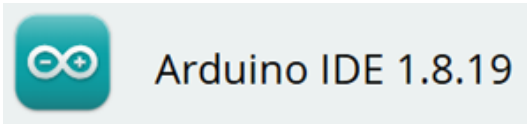


You are required to have Arduino IDE installed on your computers to update the Magicbit TINY OS.

Installing Arduino Software

- Download one of the below versions of Arduino software to your computer from the below link. Select the correct option according your computer OS type (Windows , Mac or Linux)

  - Version 1.8.19



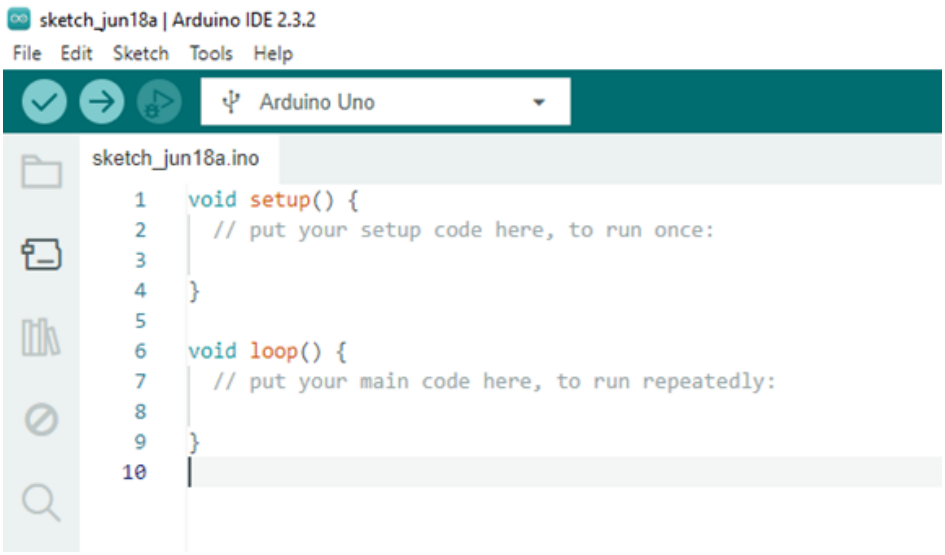
  - Version 2.3.2

Magicbit Tiny doesn't support for Arduino 2.3.3 version

  - Download Arduino from here - https://www.arduino.cc/en/software

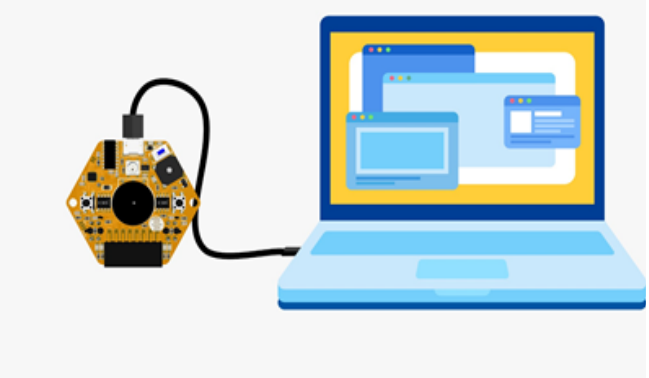
  - Install the downloaded software in your computer.

  - Open the Arduino IDE from the shortcut created on your computer desktop.

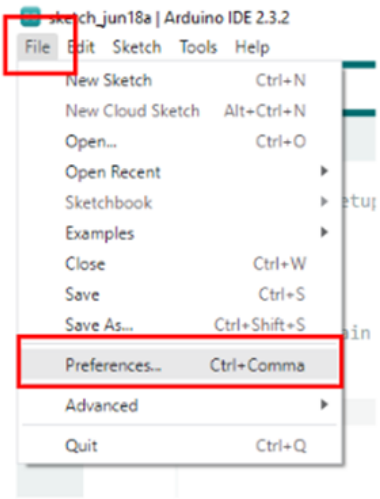


Adding the Magicbit Tiny board to Arduino IDE

- Connect the Magicbit Tiny board to the computer using the USB cable.



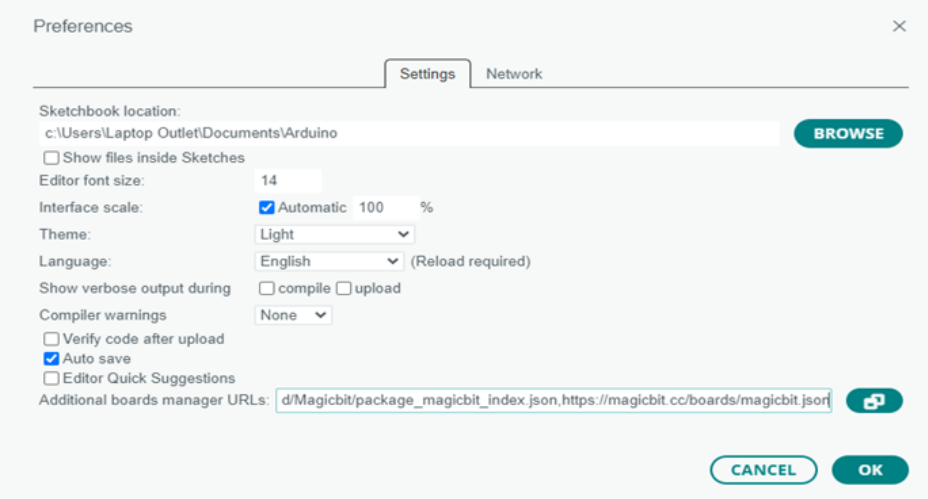
- Open the **"Preferences"** window of the Arduino IDE as follows.



File > Preferences

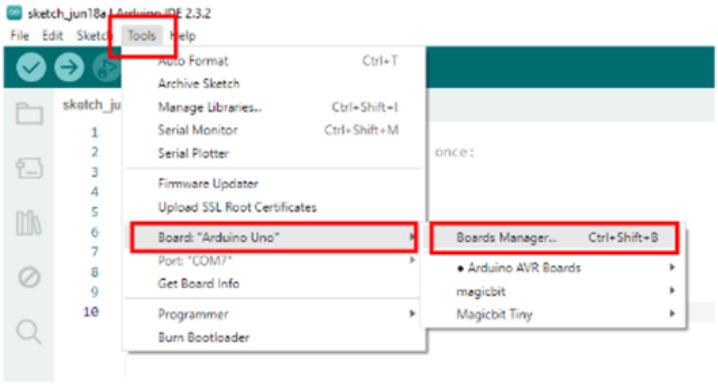
- Copy the below given release link and paste it on the **"Additional Board Manager".** Here you can paste multiple release links by separating them by **" , ".**

  - Release Link for Magicbit Tiny:- https://magicbit.cc/boards/magicbit.json

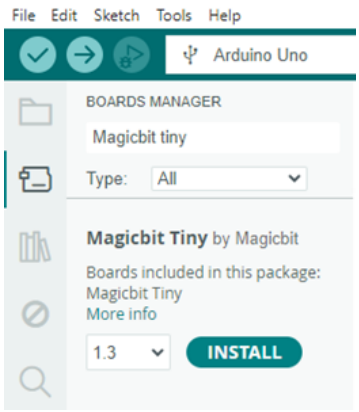


✦ Now open the **“Boards Manger”** window as in below path.

Tools > Board Boards > Manager



✦ Search as **“Magicbit Tiny”** and click on the **“INSTALL”** button to install it. This will take few minutes.

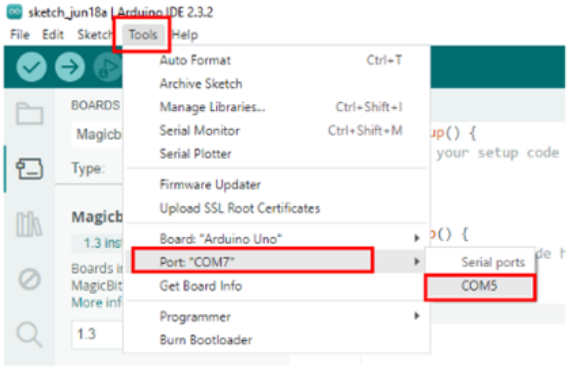


✦ After installing, connect with the Magicbit Tiny board as follows.

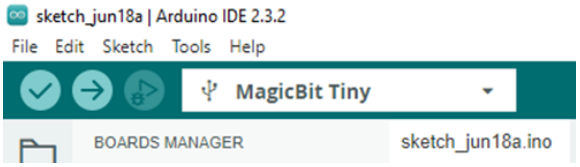
Tools > Boards > Magicbit Tiny > Magicbit Tiny

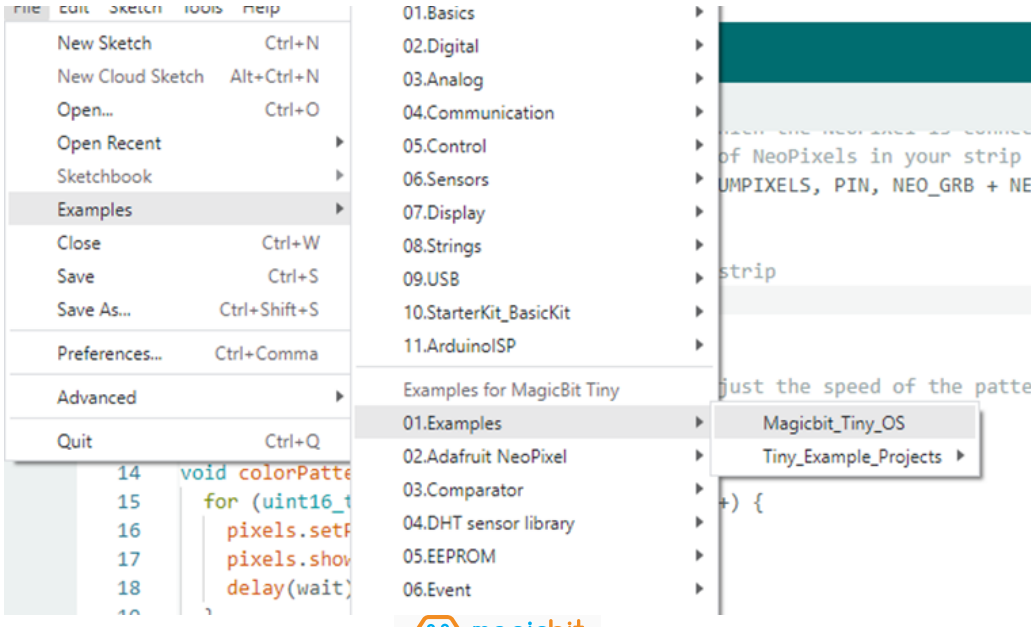
✦ Then select the relevant USB port which the Magicbit Tiny is connected.

Tools > Port > COM



✦ Now you are ready to update the Magicbit Tiny OS.



✦ Select the **Magicbit_Tiny_OS** from the **Examples** in as in below path and upload that program to your Magicbit Tiny board.

File > Examples > Examples > Magicbit_Tiny_OS