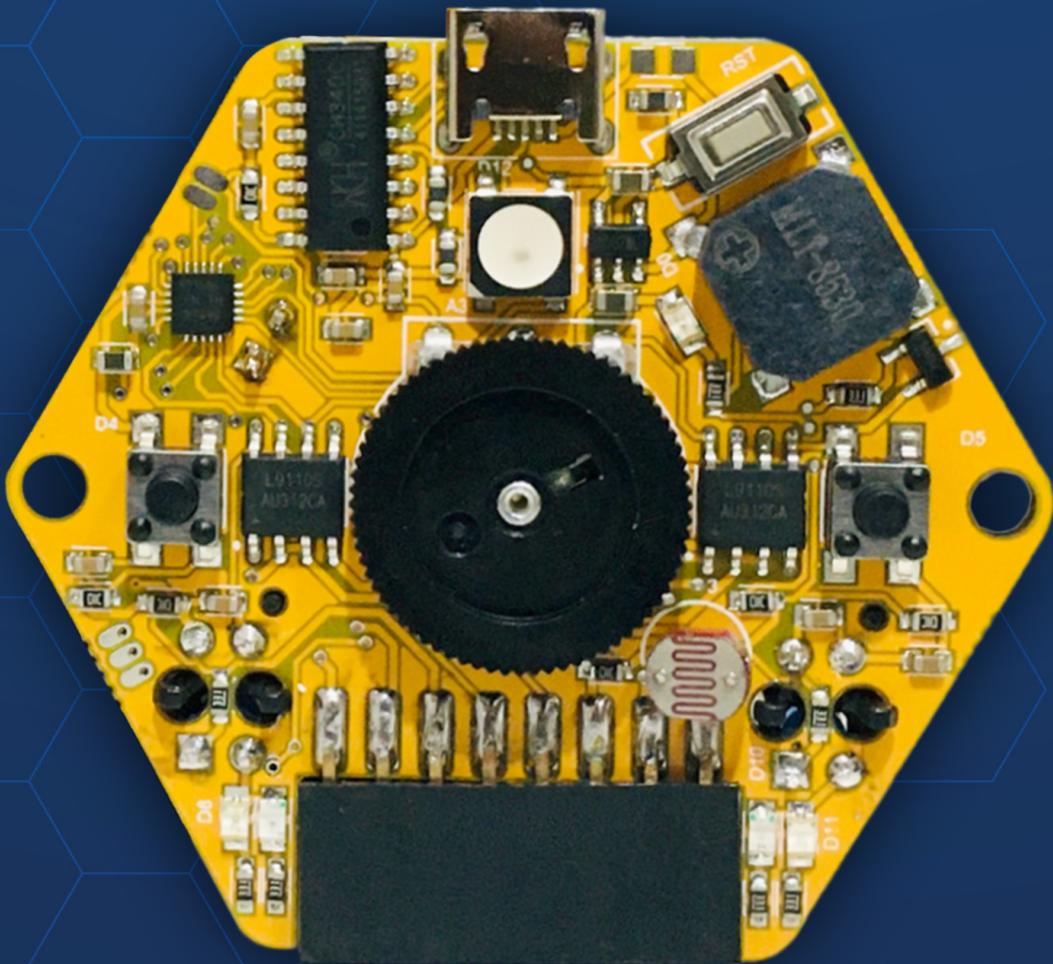


magicbit

TINY

OS UPDATE

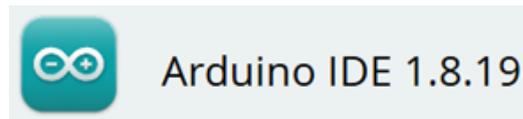


You are required to have Arduino IDE installed on your computers to update the Magicbit TINY OS.

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)

- o Version 1.8.19



- o Version 2.3.2

! Magicbit Tiny doesn't support for Arduino 2.3.3 version

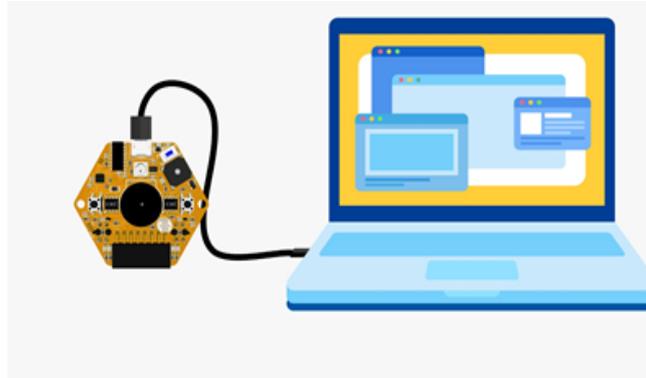
- o Download Arduino from here - <https://www.arduino.cc/en/software>
- o Install the downloaded software in your computer.
- o Open the Arduino IDE from the shortcut created on your computer desktop.

The image is a screenshot of the Arduino IDE 2.3.2 interface. The title bar shows "sketch_jun18a | Arduino IDE 2.3.2". The menu bar includes "File", "Edit", "Sketch", "Tools", and "Help". The toolbar contains icons for a checkmark, a right arrow, a play button, and a dropdown menu currently set to "Arduino Uno". The main workspace shows a file named "sketch_jun18a.ino" with the following code:

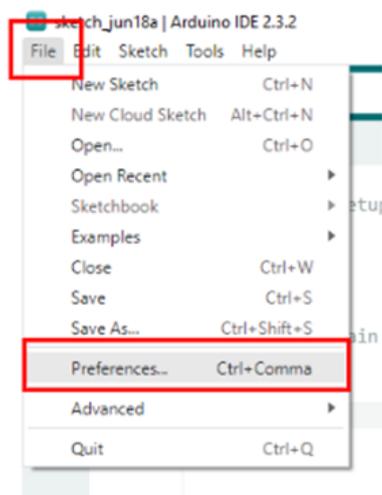
```
1 void setup() {  
2   // put your setup code here, to run once:  
3  
4 }  
5  
6 void loop() {  
7   // put your main code here, to run repeatedly:  
8  
9 }  
10
```

Adding the Magicbit Tiny board to Arduino IDE

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



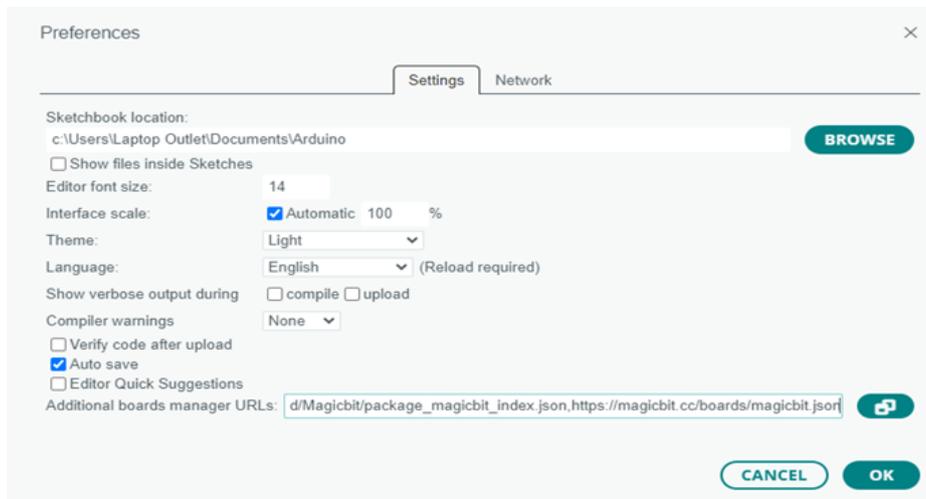
- ✦ Open the **“Preferences”** window of the Arduino IDE as follows.



File > Preferences

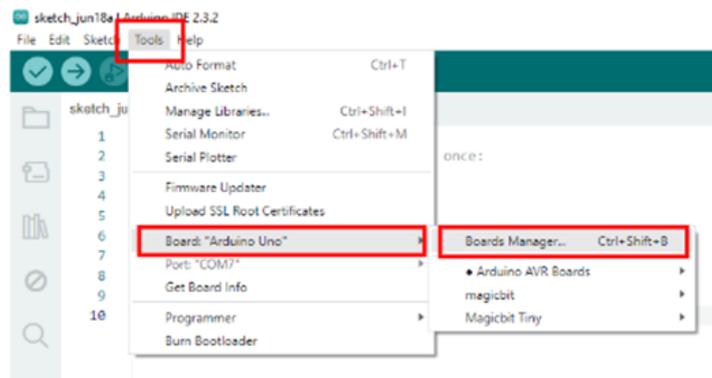
- ✦ Copy the below given release link and paste it on the **“Additional Board Manager”**. Here you can paste multiple release links by separating them by “ , ”.

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

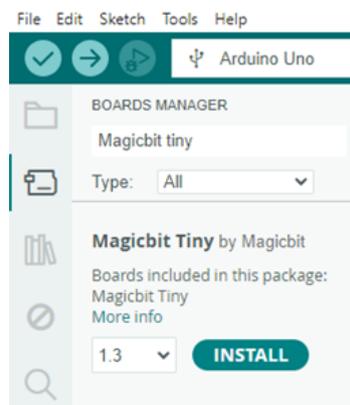


✦ Now open the **“Boards Manger”** window as in below path.

Tools > Board Boards > Manager



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

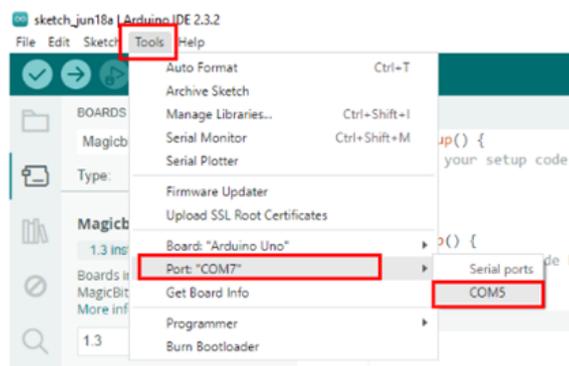


✦ After installing, connect with the Magicbit Tiny board as follows.

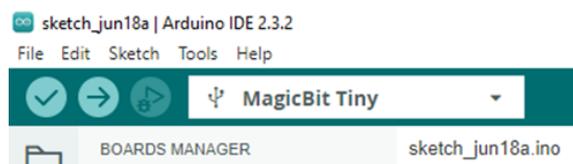
Tools > Boards > Magicbit Tiny > Magicbit Tiny

✦ 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

