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

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 \rightarrow 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:- <u>https://magicbit.cc/boards/magicbit.json</u>

	Settings Network	
Sketchbook location:		
c:\Users\Laptop Outlet\Docur	ments\Arduino BROWS	E
Show files inside Sketches	3	
Editor font size:	14	
Interface scale:	✓ Automatic 100 %	
Theme:	Light 🗸	
Language:	English (Reload required)	
Show verbose output during	🗌 compile 🗌 upload	
Compiler warnings	None 🗸	
 Verify code after upload Auto save Editor Quick Suggestions 		
Additional boards manager UF	RLs: d/Magicbit/package_magicbit_index.json,https://magicbit.cc/boards/magicbit.jsor	P

• Now open the "Boards Manger" window as in below path.



• 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.

$\textbf{Tools} \rightarrow \textbf{Boards} \rightarrow \textbf{Magicbit Tiny} \rightarrow \textbf{Magicbit Tiny}$

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

 $\textbf{Tools} \rightarrow \textbf{Port} \rightarrow \textbf{COM}$



• 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 \rightarrow Examples \rightarrow Examples \rightarrow Magicbit_Tiny_OS

