

## Install the ESP32 plugin in the Arduino IDE

When you open the Arduino IDE, select Tools > Board, you will find that the Arduino IDE only has Arduino AVR Boards and no esp32.



This time we use the control board is the ESP32 control board, so we need to install the ESP32 board in the Arduino IDE. Follow these steps:

1. Open File >Preferences



2. Add the development board management address URL.

	Settings Network	
Sketchbook location:		
c:\Users\GS2306JS\Docume	nts\Arduino	BROWSE
Show files inside Sketches		
Editor font size:	14	
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Language:	English V (Reload required)	
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Compiler warnings	None 👻	
Verify code after upload		
Auto save		0
Editor Quick Suggestions		
Additional boards manager Of	ILS:	64
		CANCEL

3. Copy the URL in the lower box and add it to the "Additional

Boards Manager URLs".



## E-mail: support@acebott.com





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4.After adding the URL, click "OK".

	Octango	
shbook location		
Additional Boards Ma	nager URLs	×
Enter additional URLs, or	e for each row	
http://arduino.esp8266.c https://www.arduino.me/	om/stable/package_esp8266com_index.json package_esp32_index.json	
Click for a list of unofficial	board support URLs	

	Settings Network	
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Show verbose output during	🗌 compile 🗋 upload	
Compiler warnings	None 🗸	
Verify code after upload		
Auto save Editor Quick Suggestions		
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		<

5.Click Tools > Board > Boards Manager.

Sketch_r	nov15b   Arduino IDE 2.2.1 Ske1 Tools Help	- 🗆 X
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	Manage Libraries Ctrl+Shift+1 BC Serial Monitor Ctrl+Shift+M	sketch_nov15b.ino
	F Serial Plotter	<pre>1 void setup() {</pre>
	Firmware Updater	2 // put your se
1	Ty Upload SSL Root Certificates	3
	2 Board	Boards Manager Ctrl+Shift+B
	by Get Board Info	Arduino AVR Boards
	1 Burn Bootloader	77 puc yodr ma
	Boards included in this package:	8
	LilyPad Arduino USB, Arduino	9 }
	Gemma, Adafruit Circuit	10
	More info	
8	1.8.6 <b>~ REMOVE</b>	
		Ln 4, Col 2 × No board selected

6.Search for "ESP32" in the BOARDS MANAGER's search bar and

install it.

Note: Please install version 2.0.12 esp32, because the new version is not compatible with the tutorial library, so the program will error! If you already have version 3.0 installed, uninstall and reinstall version 2.0 of esp32.



7.If the following screen appears, please wait until the installation is complete then turn off the Arduino IDE.





8. Open the Arduino IDE again and select Tools > Board. You will

see the esp32 board appear.

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0	4 5 6	Firmware Updater Upload SSL Root Certificates		
	72	Board	Boards Manager Ctrl+Shift+B	
	9 10	Port Port Get Board Info	Arduino AVR Boards	
<		Burn Bootloader		