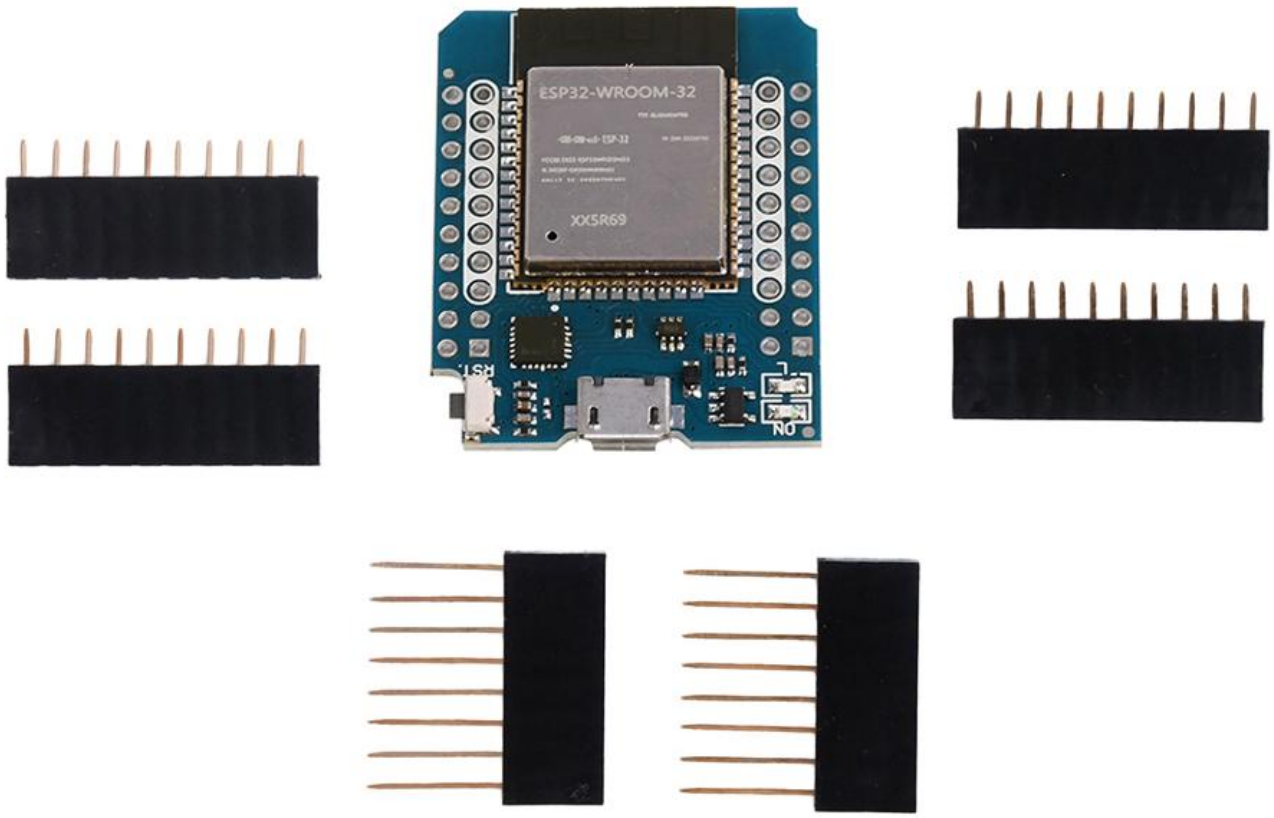
ESP32 Mini Development Board



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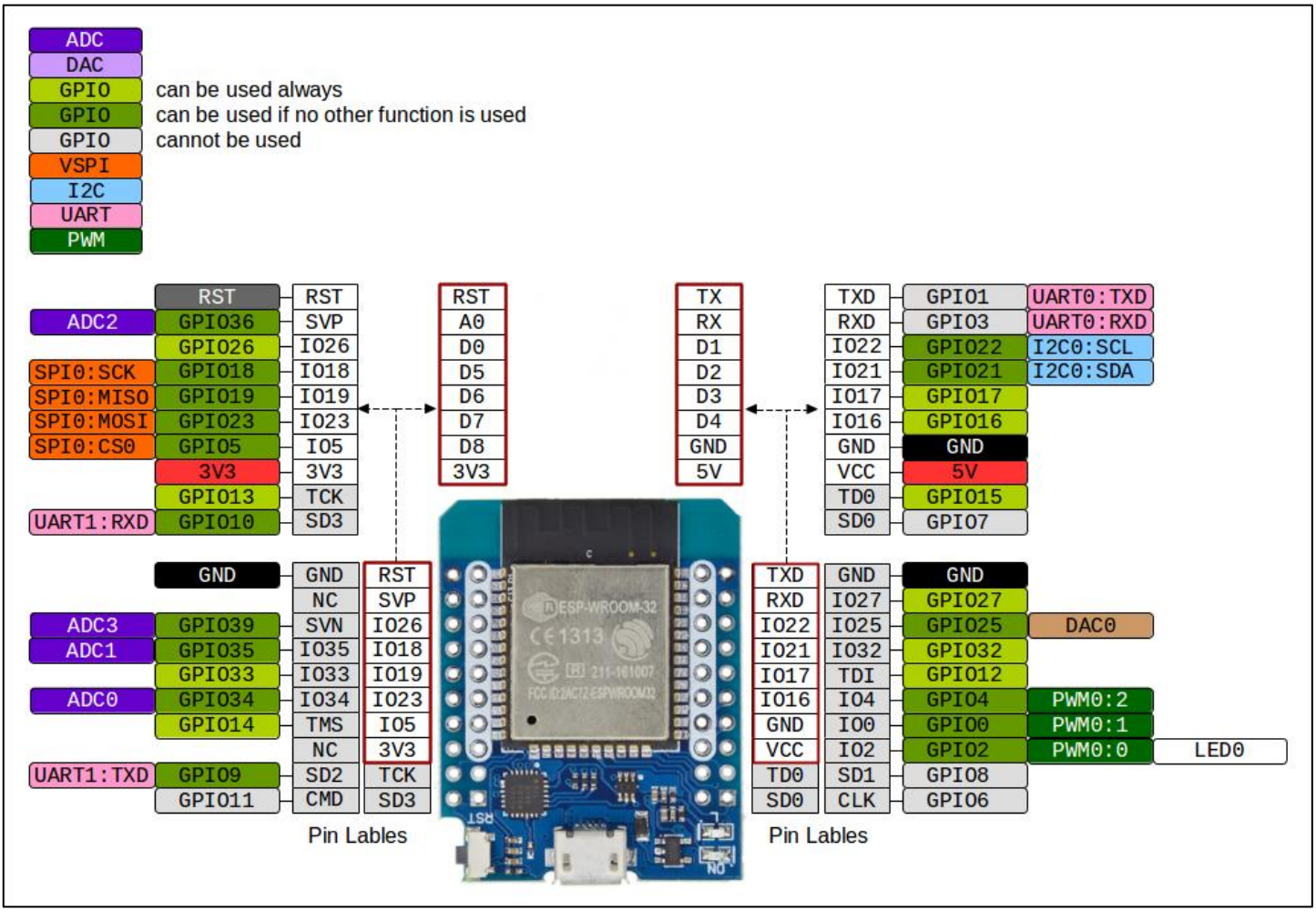
Specifications

Power supply voltage (USB)	5V DC
Input/Output voltage	3.3V DC
Operating current required	min. 500mA
SoC	ESP32-WROOM-32
Clock frequency range	80MHz / 240MHz
RAM	512kB
External flash memory	4MB
Communication interfaces	SPI, I2C, I2S, CAN, UART
Wi-Fi protocols	802.11 b/g/n
Wi-Fi frequency	2.4 GHz - 2.5 GHz
Bluetooth	V4.2 BLE and Classic Bluetooth
USB to serial chip	CH9102F

Pinout

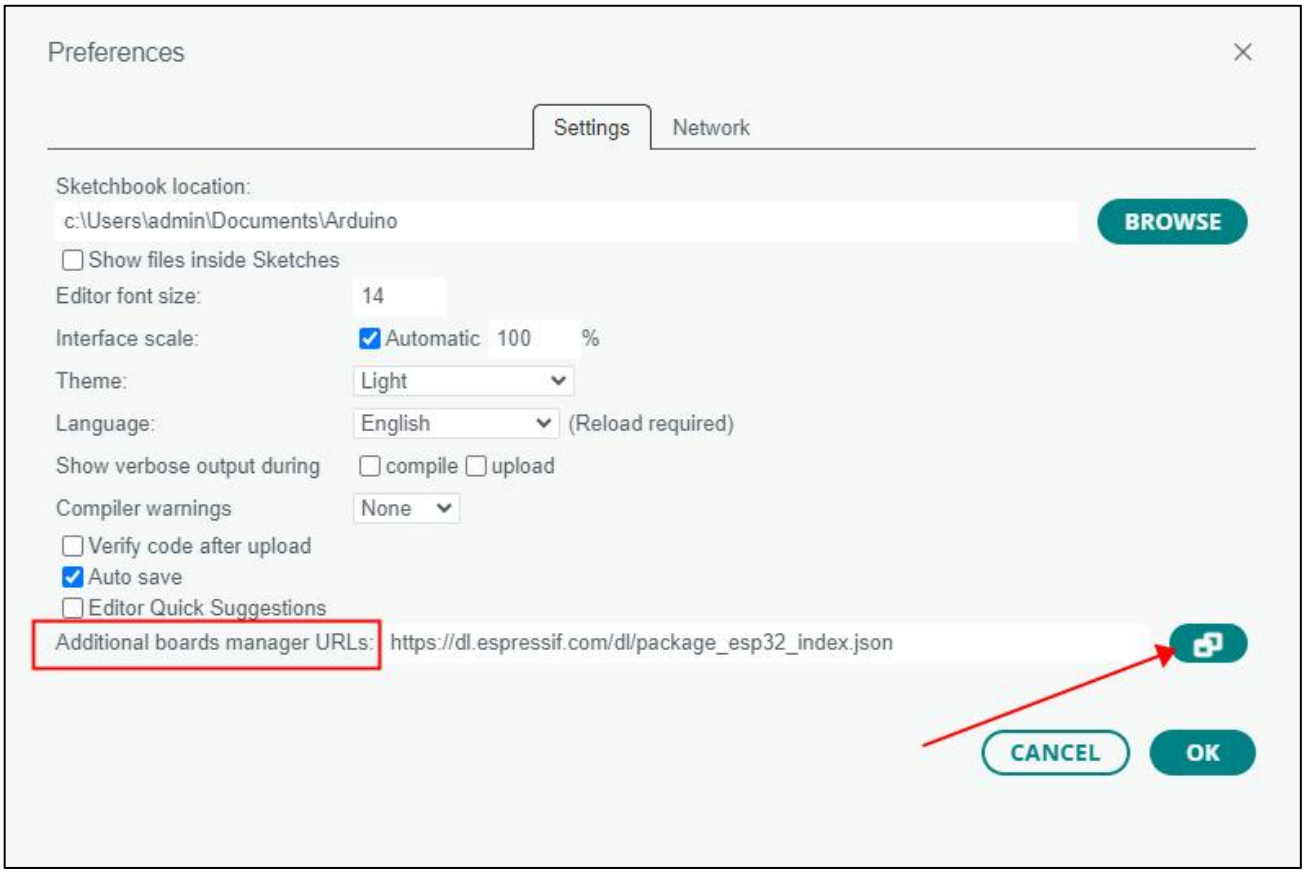


Instructions

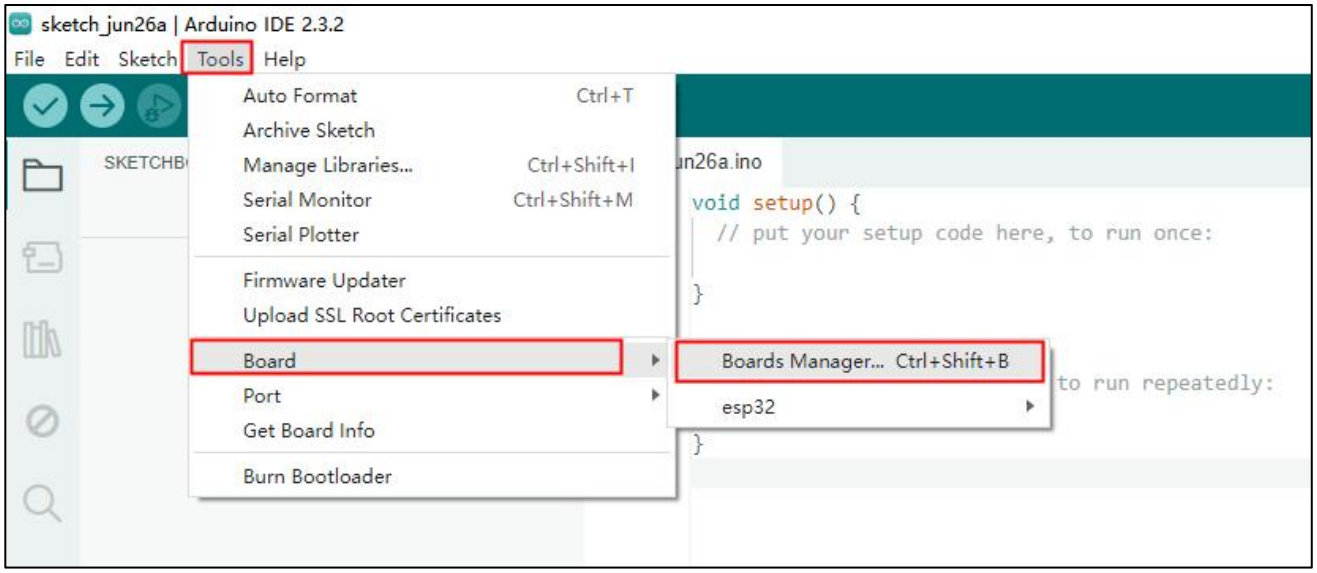
In order to be able to program the ESP32 Mini in the Arduino IDE you must Install support for the ESP32 platform.

Open the Arduino IDE and go to:

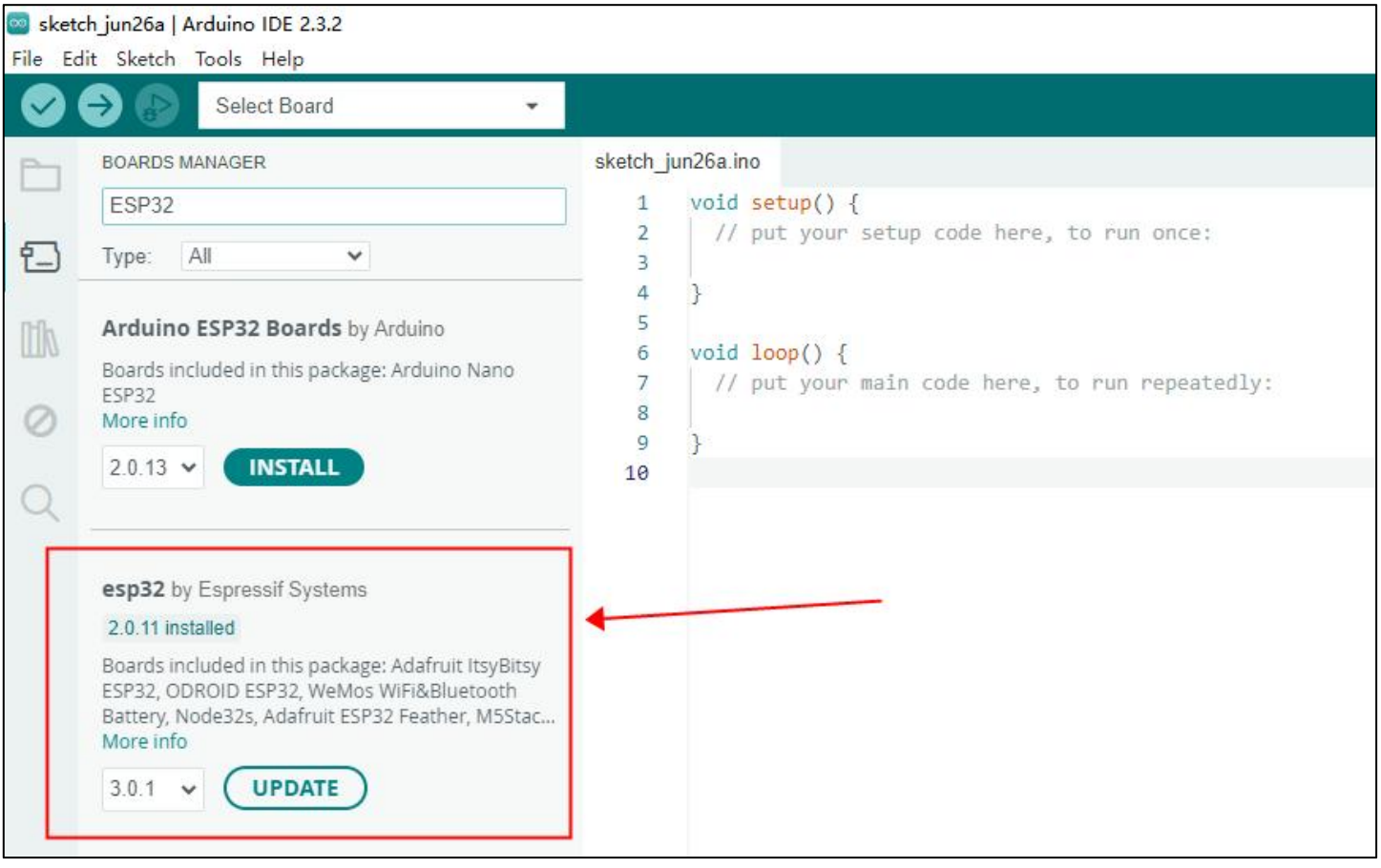
Copy the following link: *https://dl.espressif.com/dl/package_esp32_index.json*



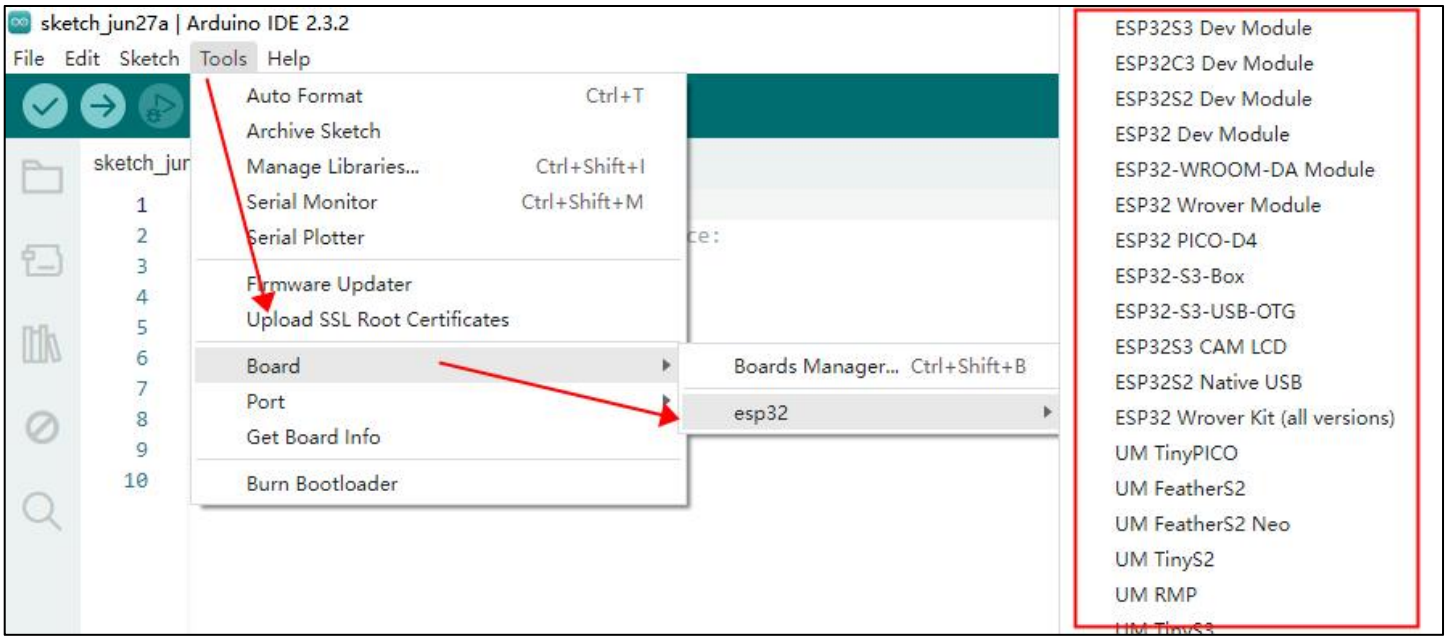
Open the Arduino IDE again and go to:



A new window will open, type esp32 in the search box and install the board named esp32 from Espressif Systems, as shown below:



Now you can select 【MINI_ESP32】



In order to make the computer recognize ESP32, please make sure your computer has the CH9102 driver installed before use.

More Language Versions of the manual

UK	http://8.217.75.21/AMZ/CBAA0032029_UK.pdf
DE	http://8.217.75.21/AMZ/CBAA0032029_DE.pdf
FR	http://8.217.75.21/AMZ/CBAA0032029_FR.pdf
IT	http://8.217.75.21/AMZ/CBAA0032029_IT.pdf
ES	http://8.217.75.21/AMZ/CBAA0032029_ES.pdf
NL	http://8.217.75.21/AMZ/CBAA0032029_NL.pdf
PL	http://8.217.75.21/AMZ/CBAA0032029_PL.pdf
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