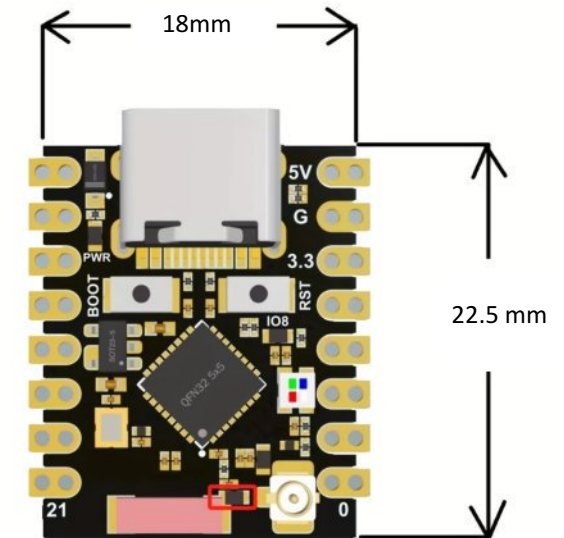
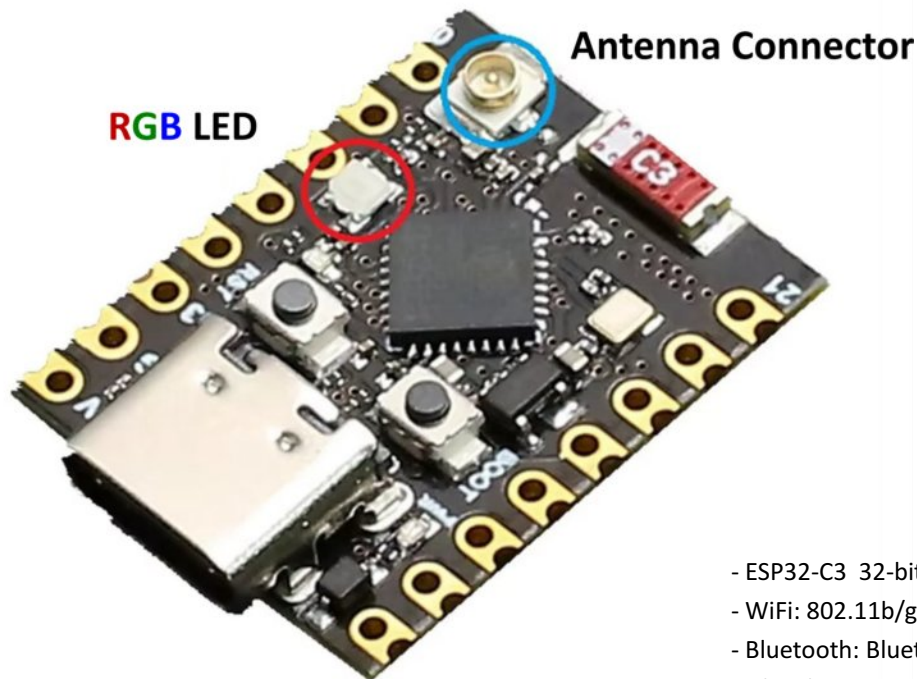


Nameless Technology **Nologo**

Part No: ESP32-C3-SMINI (Ver 2.0)

1. ESP32-C3 Ver 2 (RGB LED and Antenna Connector)



- ESP32-C3 32-bit RISC-V single-core processor, running at up to 160 MHz
- WiFi: 802.11b/g/n protocol
- Bluetooth: Bluetooth 5.0
- Ultra-low power consumption: Deep sleep 43 μ A
- SRAM 400KB SRAM, ROM 384KB, built-in 4Mflash.
- Chip model: ESP32C3FN4
- Ultra-small size: as small as a thumb (22.52x18mm) Classic form factor
- Robust security features: Cryptographic hardware accelerator supporting AES-128/256
- Rich interfaces: 1xI2C, 1xSPI, 2xUART, 11xGPIO (PWM), 4xADC
- Single-sided components, surface mount design
- Onboard RGB LED:GPIO8 Pin

Nameless Technology **Nologo**

Part No: ESP32-C3-SMINI

2. ESP32-C3 Ver 2.0 Pin Layout



10. Additinal Information from NOLOGO TECH

Manufacturer Page (Chinese) (In Chrome Browser, Right click, Translate to English)

<https://www.nologo.tech/product/esp32/esp32c3SuperMini/esp32C3SuperMini.html>

Nameless Technology Nologo

ESP32-C3 SuperMini Dev Board USB-C

1. Install the Arduino IDE

<https://arduino.me/download>

2. Add an additional board address

Open the Arduino IDE menu > Files > Preferences
and in the Attach Board Manager URL input box,
fill in the following URL:

<https://arduino.me/packages/esp32.json>

3. Connect ESP32C3 development board to computer

Connect the ESP32C3 development board to the computer
via a USB cable.

4. Enter download mode

Press and hold the **BOOT** button on the ESP32C3,
then press the **RESET** button,
release the **RESET** button,
and then
release the **BOOT** button,
and the ESP32C3 will enter **Download mode**

Every time you connect, you need to re-enter the download mode, sometimes press it again, the port will be disconnected if it is unstable, you can judge by the port recognition sound

5 Select the board and port

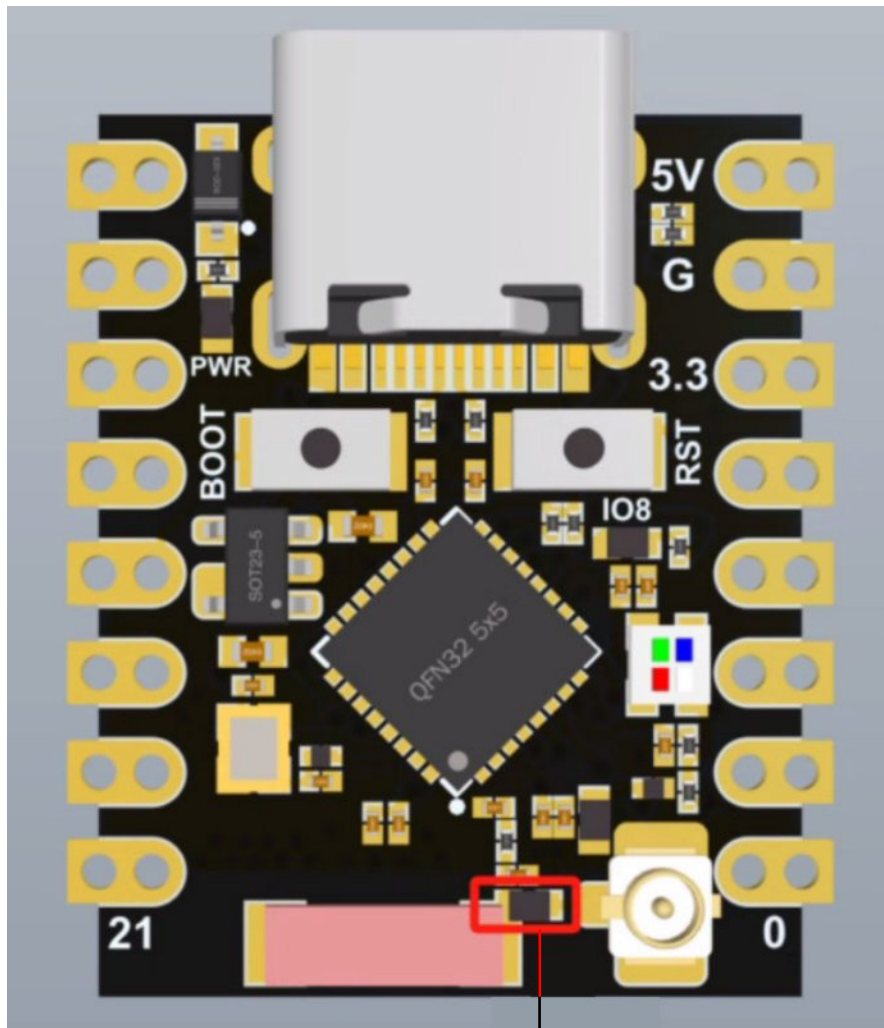
In the Arduino IDE, select "Tools" -
"Development Board" - "ESP32C3 Dev Module",
and then select the correct string slogan.

7. External power supply

If you need an **external power supply**, just connect
the external power supply + to the 5V position,
and GND to the negative pole.
(Support 3.3~6V power supply).

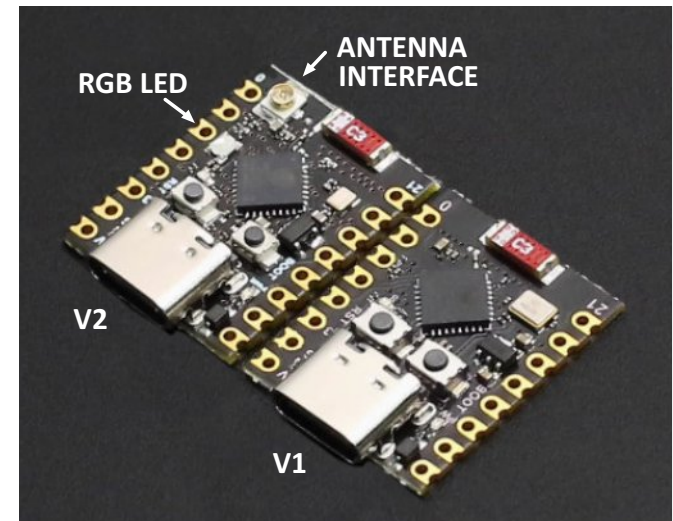
Remember that when connecting to an external power
supply, you cannot connect to USB, and
you can only choose one between USB and
external power supply.

External Antenna Configuration

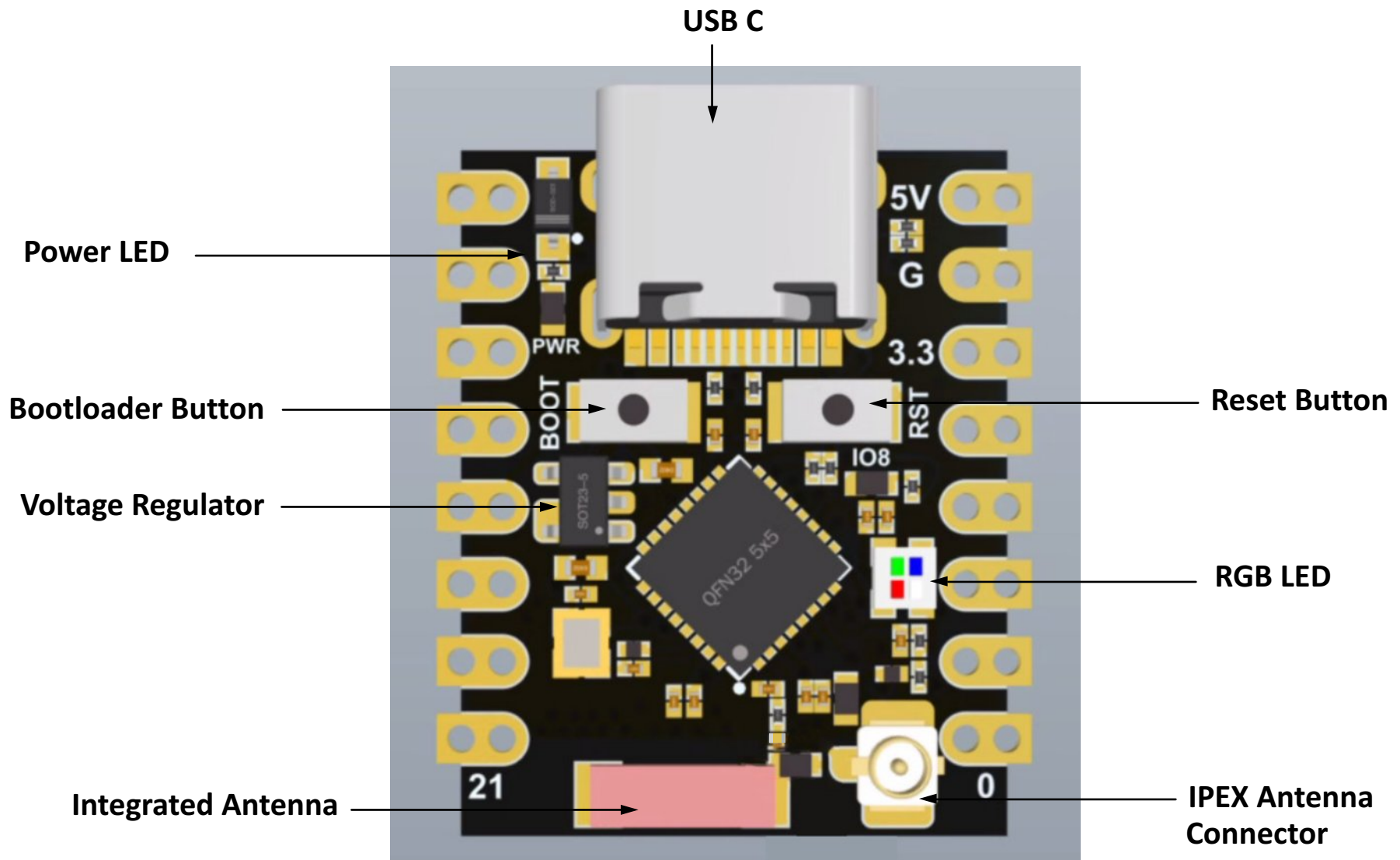


— Default - NOT connected

— To use IPEX Antenna Connector
Short-circuit this Jumper



Board Layout : ESP32-C3-SMINI Ver 2



Circuit Diagram : ESP32-C3-SMINI Ver 2

