Web firmware tool link 网页刷机工具链接

- https://studenttechsupport.com/customcanespfw/factory/
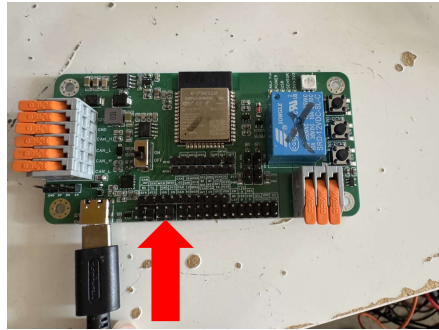- System requirement 系统要求
    - Windows 10/11
    - USB port
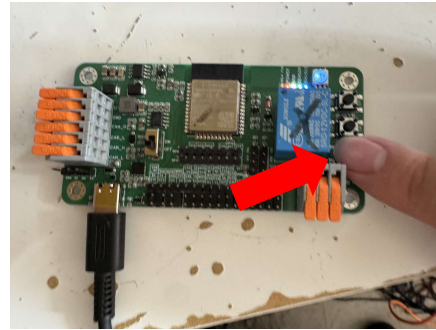   - CP210x Driver
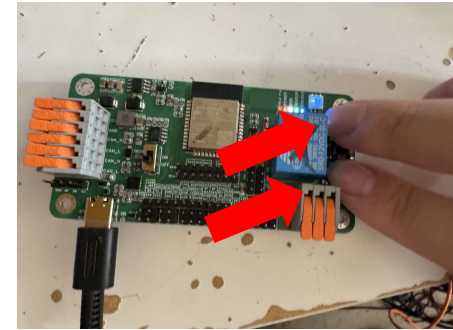   - Chrome V.130+

Factory Firmware Procedure 工厂固件流程

Empty board
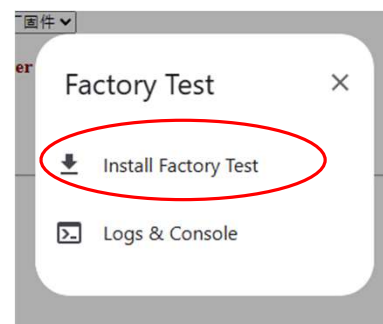空板

Connect USB
连接USB

Hold down button
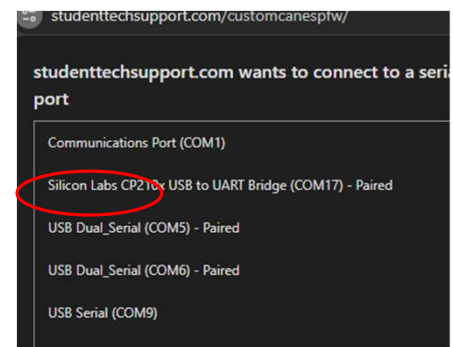按住下面按钮

While holding, press top button once
按住时按上面按钮一下

Release top button
松掉上面按钮

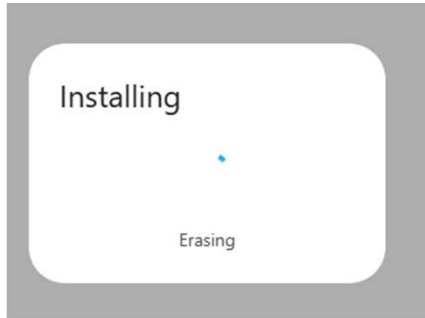Flash Firmware 固件刷写 (Factor...

Select Firmware 选择固件: Factory Firmware 工厂固件 ▼

Please hold 100 button while clicking flash (after selecting serial por...

Connect

Update: 2025-08-09 Factory Test Firmware

Click blue button
按蓝色按钮

固件 ▼

Factory Test   ×

↓ Install Factory Test

>_ Logs & Console

Click Circled
按圈起来的

studenttechsupport.com/customcanespfw/

studenttechsupport.com wants to connect to a seria...
port

Communications Port (COM1)

Silicon Labs CP210x USB to UART Bridge (COM17) - Paired

USB Dual_Serial (COM5) - Paired

USB Dual_Serial (COM6) - Paired

USB Serial (COM9)

Click one with "Silicon Labs"
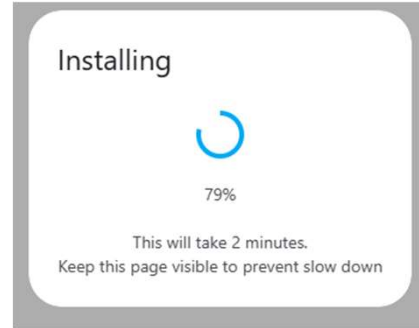按圈有"Silicon Labs"的选项

Factory Firmware Procedure 工厂固件流程
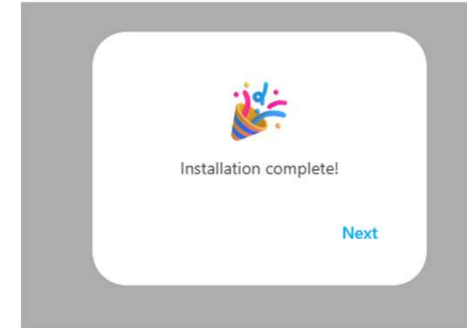

When seeing this
看到这个时

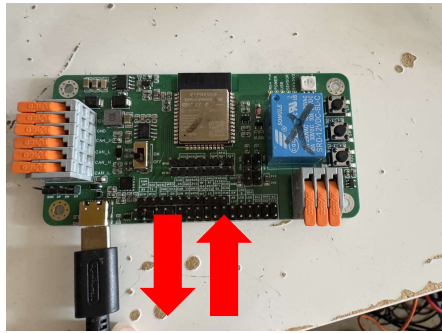
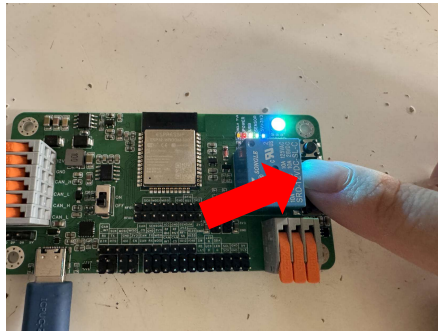**Release both button**
松掉全部按钮

Wait
等待

Flash done
刷写成功

Go to test procedure 进入测试流程

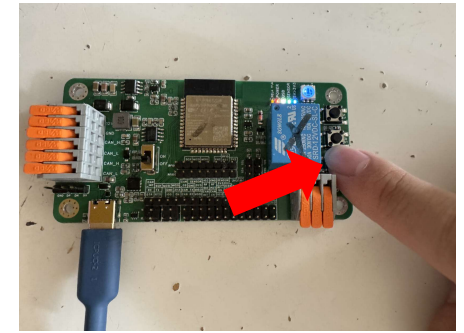# Factory Test Procedure 工厂测试流程 (without 12v)

Unplug & reconnect USB
重新插拔USB

Press middle button
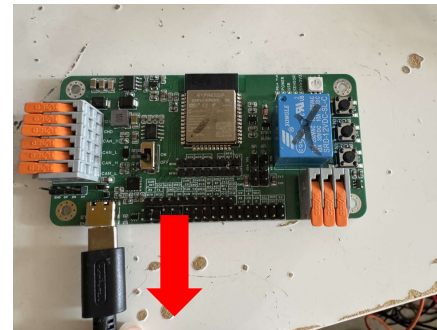按中间按钮

Check if LED change colour
检查LED是否改变颜色

Press down button
按下面按钮

Check if Yello light on
检查黄灯是否亮起

(cont) Listen if relay click
（接上条）听继电器有无动作

Disconnect USB
断开USB

Board layout 板子布局
(WAGO not shown)（WAGO没有安装）

Relay LED 继电器LED
Yellow 黄色

RGB LED 三色LED

top button 上按钮

middle button 中按钮

down button 下按钮

12V DC In 直流输入
Top 上: **12V + RED Wire 红色线**
Down 下: **GND Black Wire 黑色线**

USB

Relay 继电器