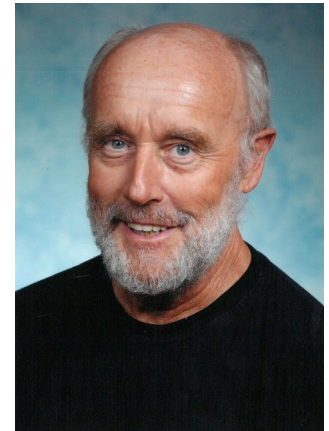
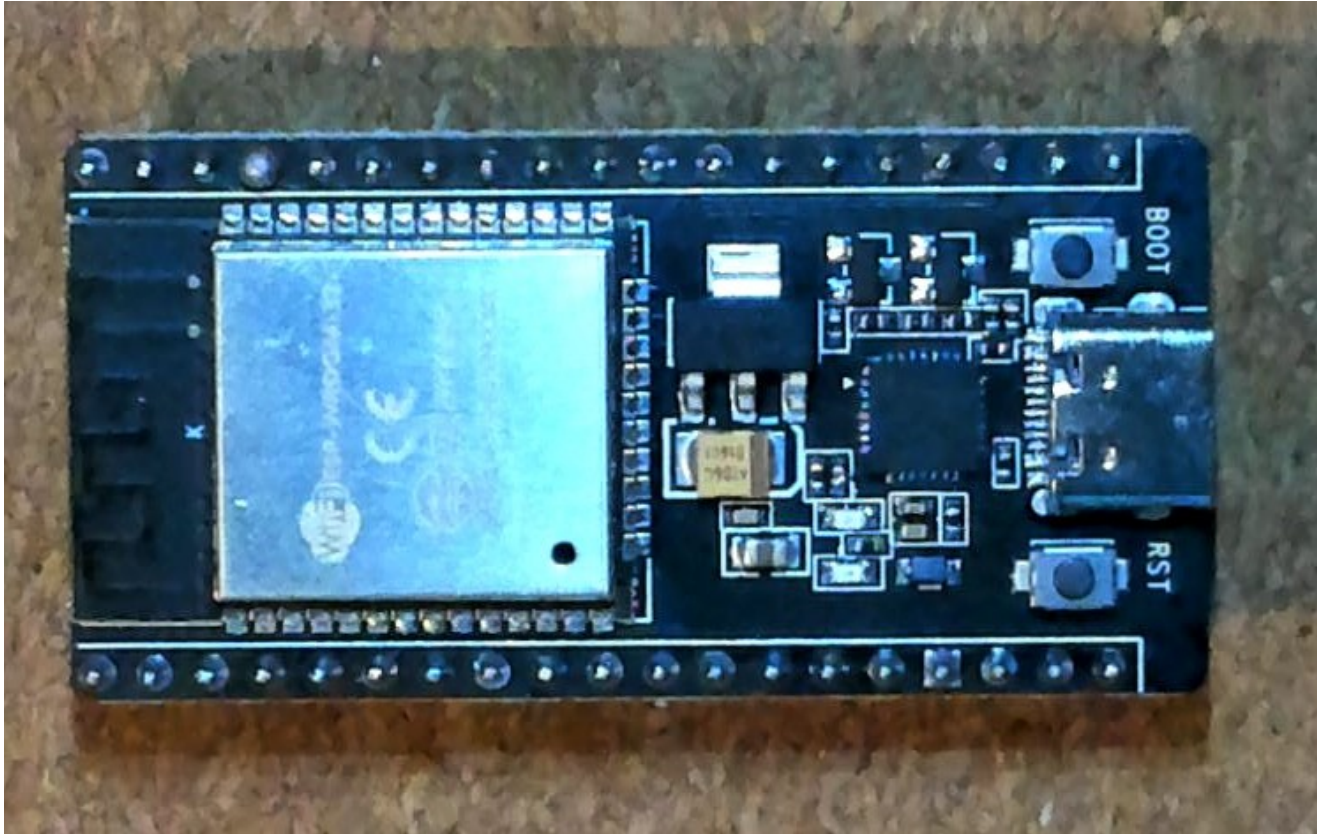


Martin Weissenböck

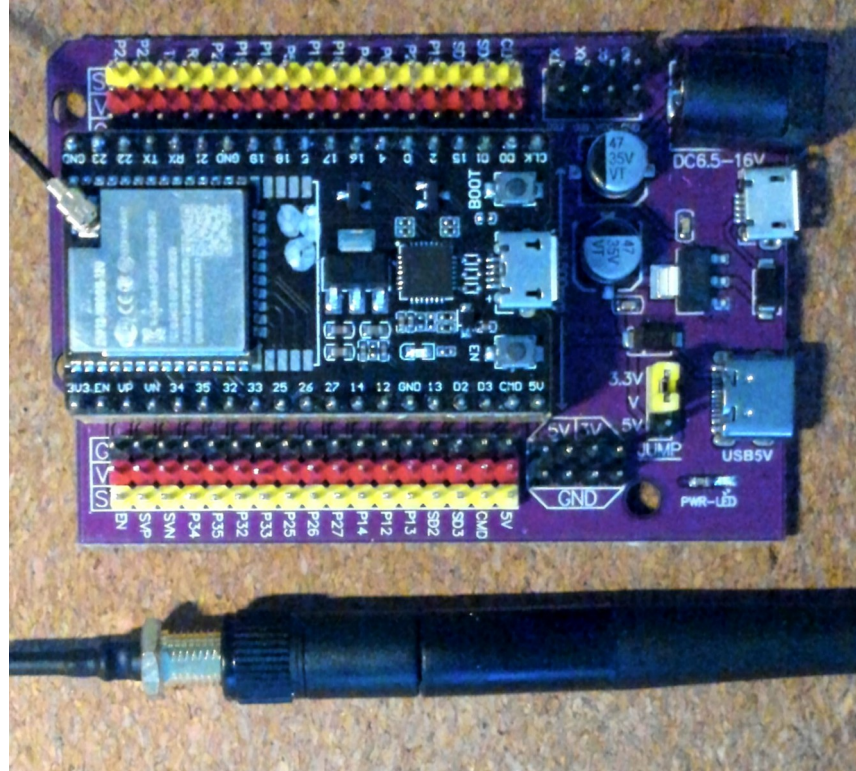
# ESP32 mit Tasmota flashen



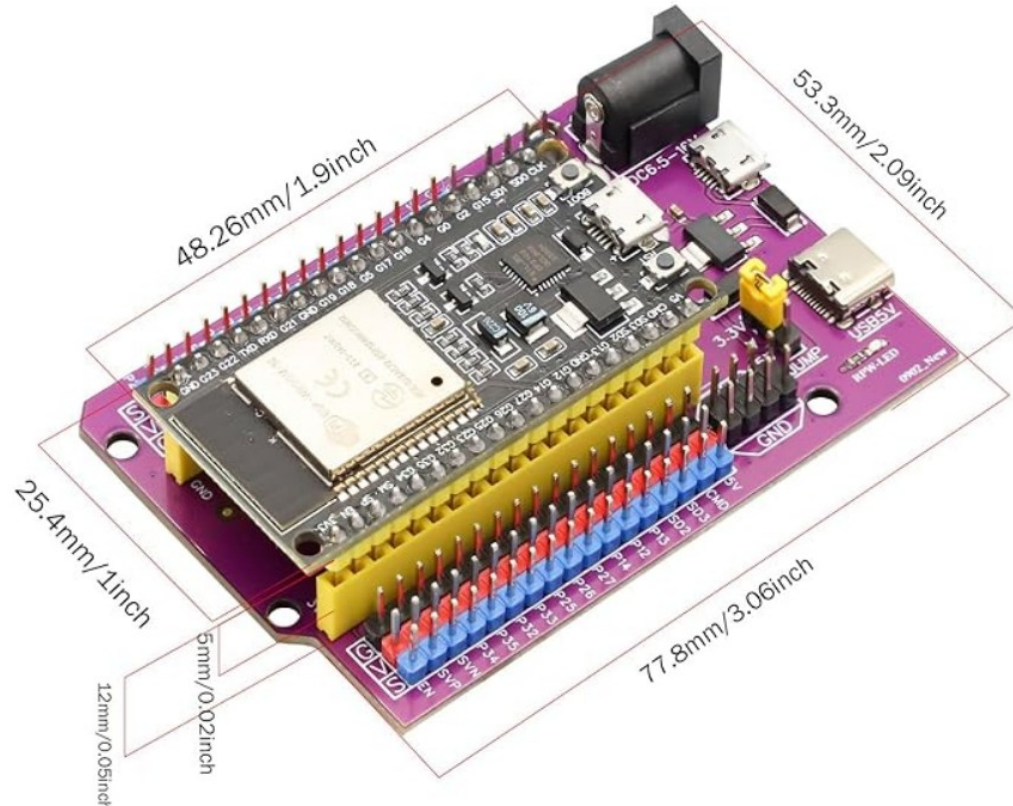
# ESP32 mit 38 Anschlüssen



# ESP32 mit 38 Anschlüssen und Antenne



# Professionelle Aufnahme

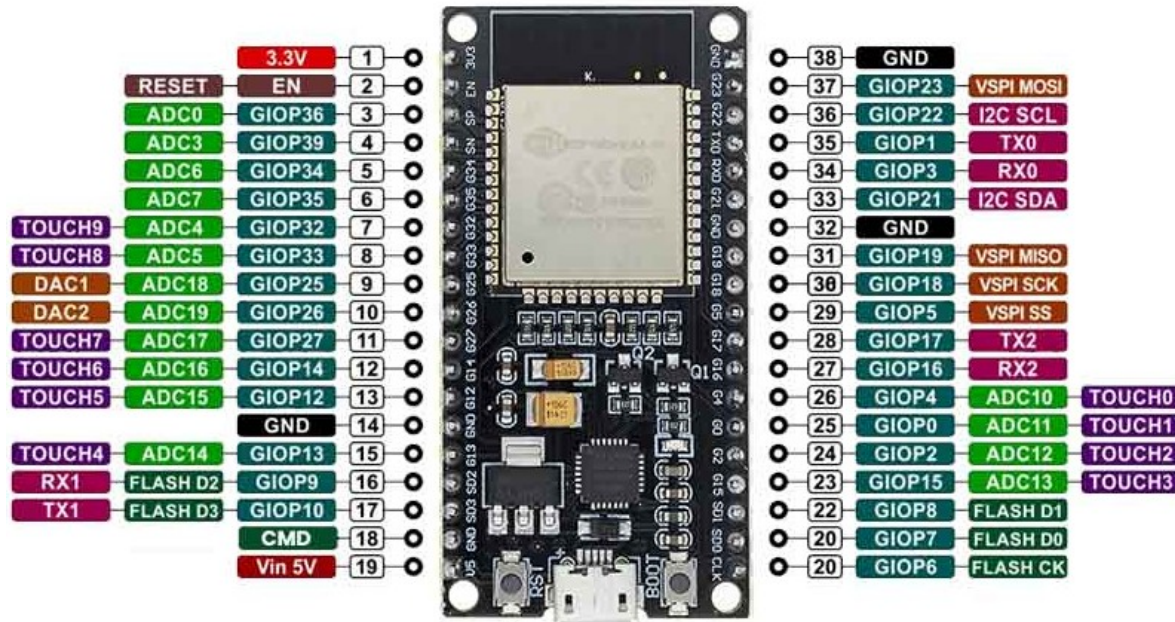


# Belegung der Anschlüsse

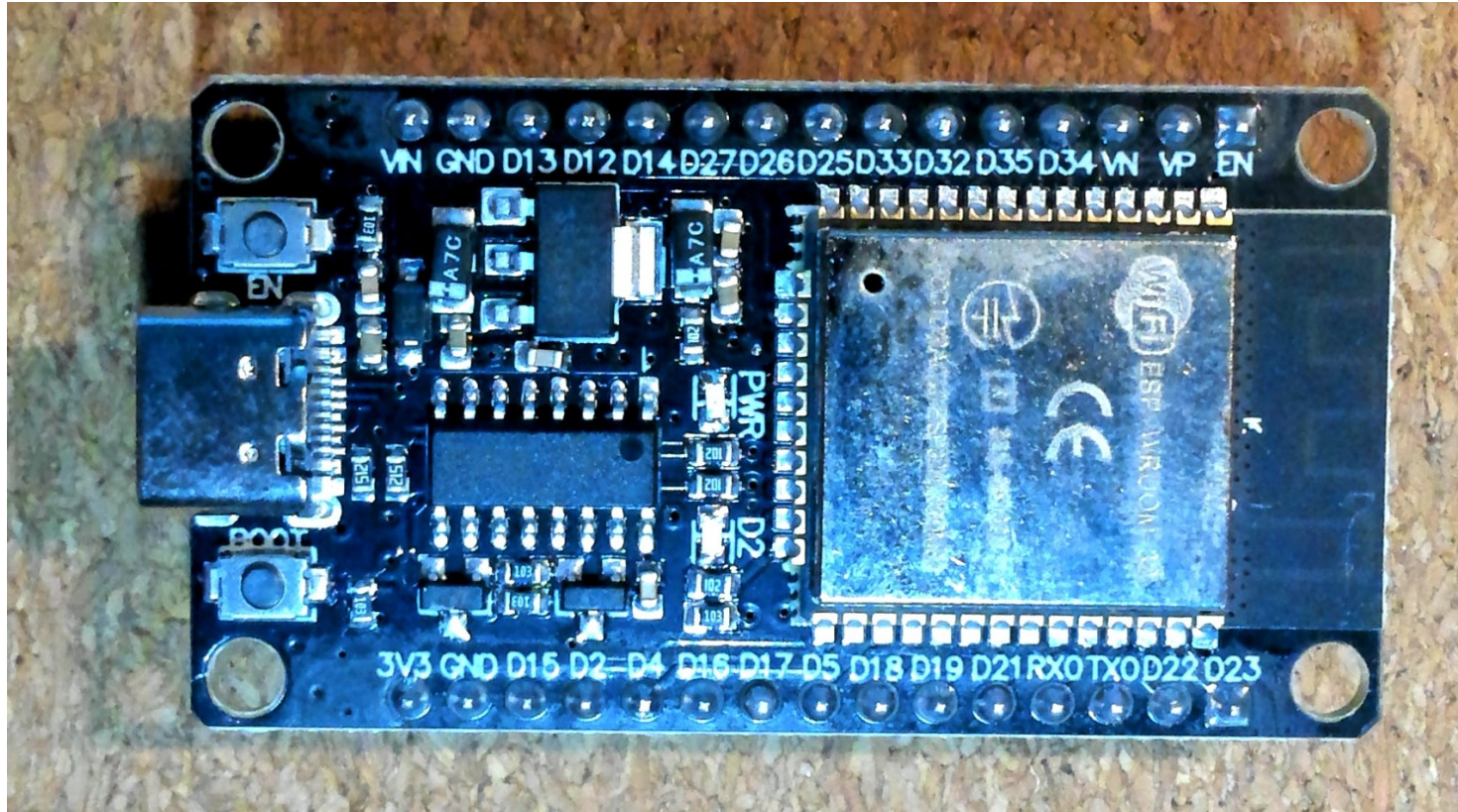


## PINOUT

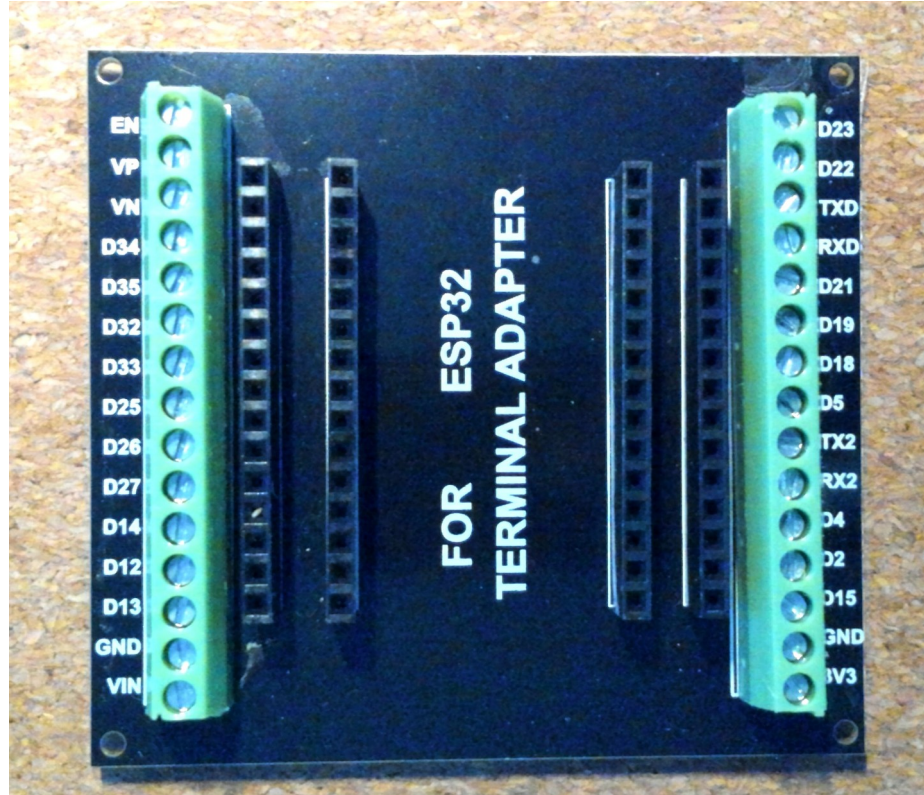
### ESP32 38 PINES ESP WROOM 32



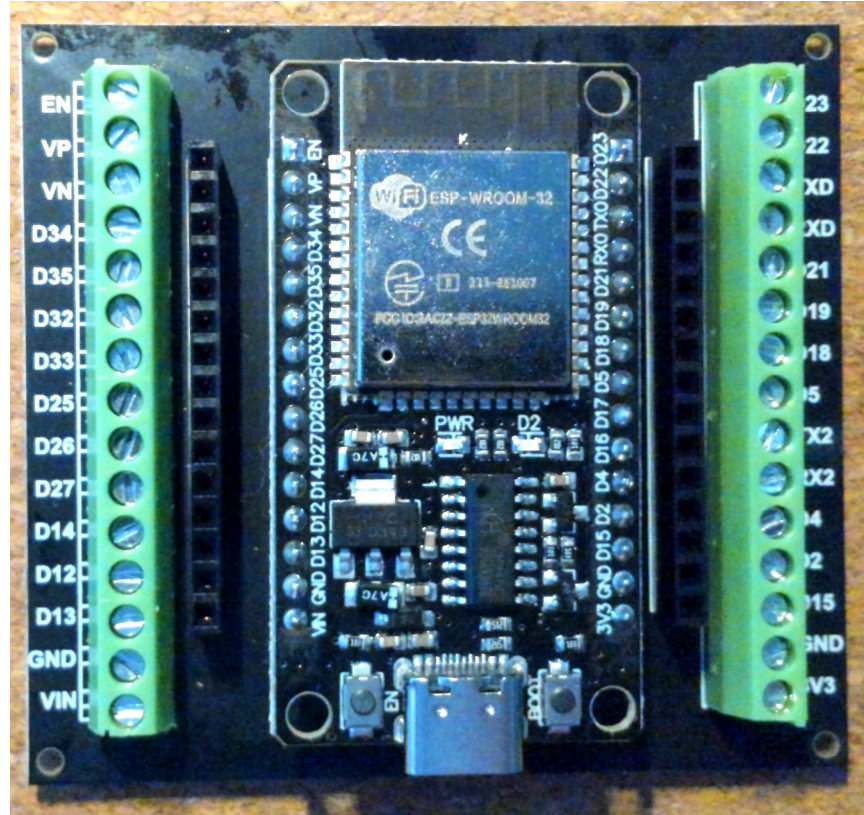
# ESP32 mit 30 Anschlüssen



# ESP32 Experimentierboard



# ESP32 mit 30 Anschlüssen






# Flashen – der einfachste Weg



- Webinstaller aufrufen: <https://tasmota.github.io/install/>



**Install Tasmota**

1. Connect the ESP device to your computer using USB or serial-to-USB adapter
2. Select the firmware variant suitable for your device
3. Hit "Install" and select the correct port or find help if no device found

Tasmota32 Bluetooth (english) ▾

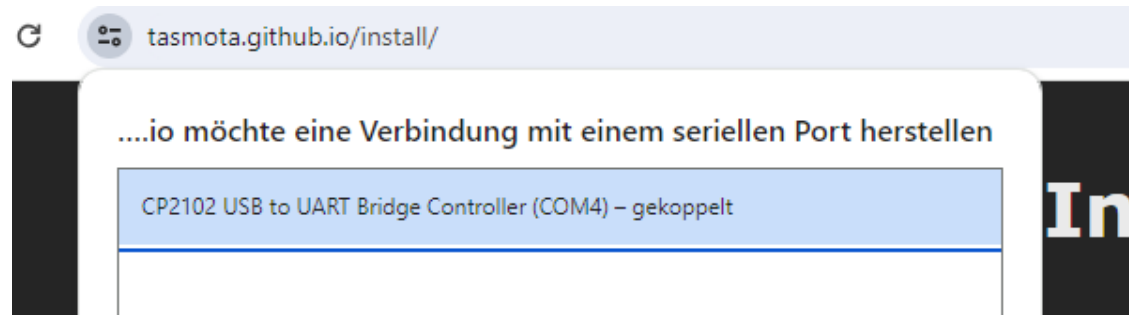
To access our GitHub releases page and directly flash firmware binaries from there including older versions you have to turn off CORS in your browser. (i.e. with browser extension: CORS unblock)

- Nach unten scrollen und auf "CONNECT" klicken

# Serielle Verbindung zulassen



- Google Chrome oder Microsoft Edge verwenden
- Hier: Schnittstelle mit CP2102 wird erkannt
- Falls notwendig Treiber installieren:  
<https://www.xgadget.de/anleitung/windows-nodemcu-cp2102-usb-treiber-installieren/>

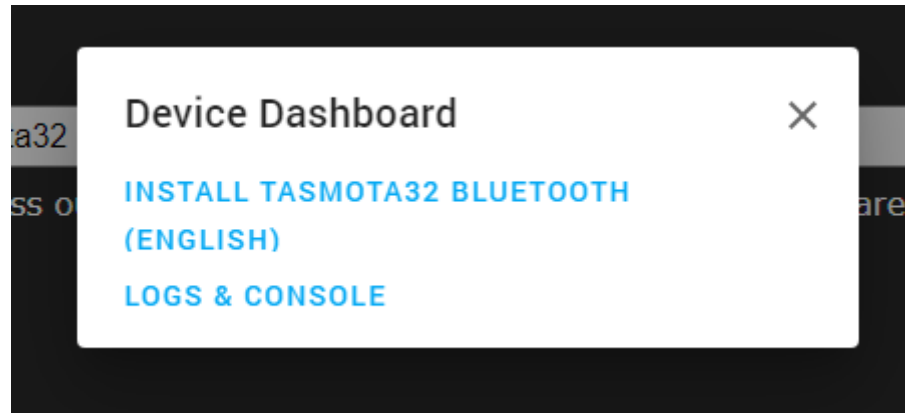


- Port auswählen und "Verbinden" anklicken

# Installation starten



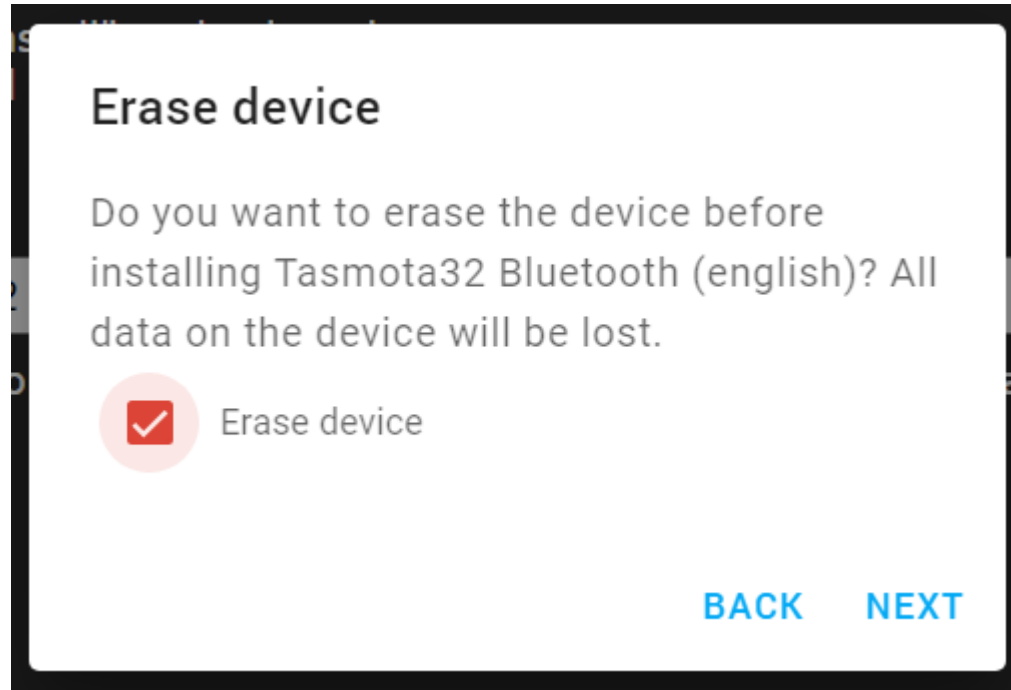
- "INSTALL TASMOTA..." anklicken



# ESP32 löschen



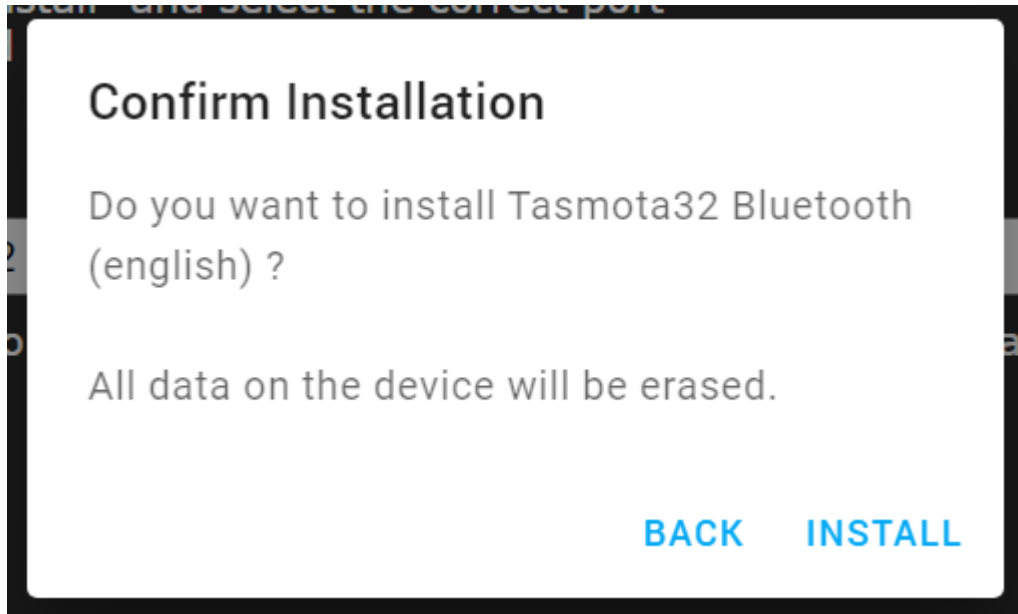
- "Erase device" zulassen, dann "NEXT"



# Bestätigen



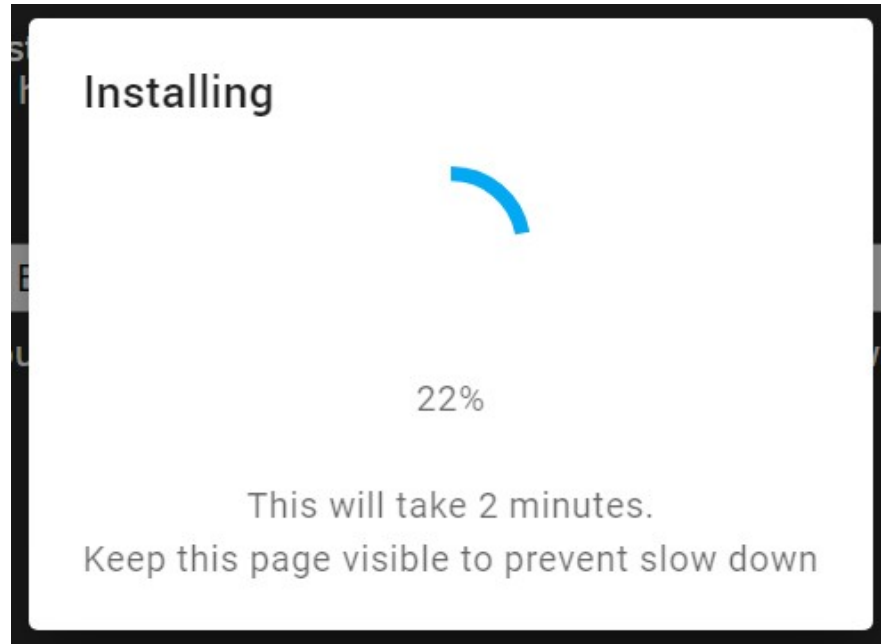
- Noch eine Rückfrage, "INSTALL" anklicken



# Das Löschen und danach das Flashen beginnt ...



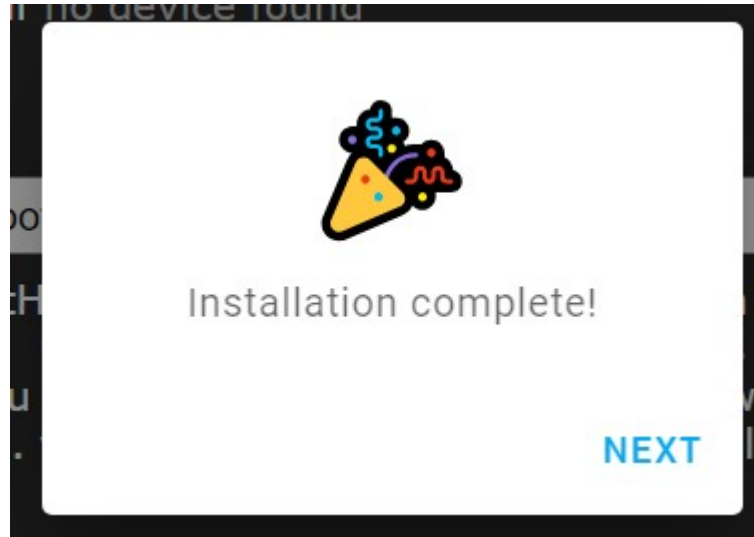
- ... und ist in etwa zwei Minuten abgeschlossen



# Fertig!



- Weiter mit "NEXT"



# Mit dem eigenen WLAN verbinden



## Configure Wi-Fi

Enter the credentials of the Wi-Fi network that you want your device to connect to.

Network  
ADIM-T

Password  
.....

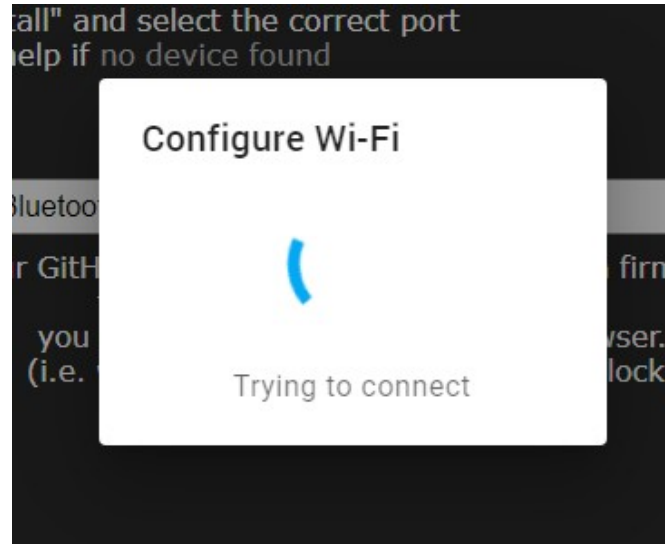
SKIP CONNECT



# Verbindung zum WLAN



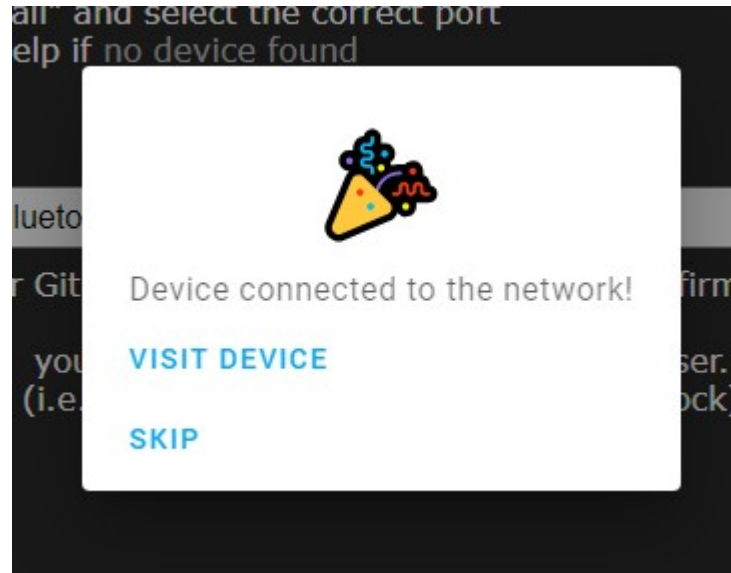
- ... wird hergestellt



# WLAN Verbindung ...



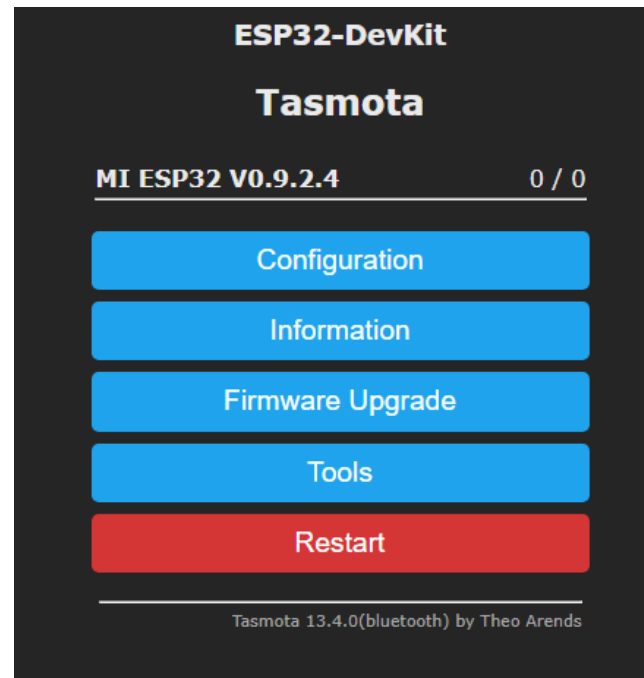
- ... erfolgreich hergestellt



# Bereit zum Konfigurieren



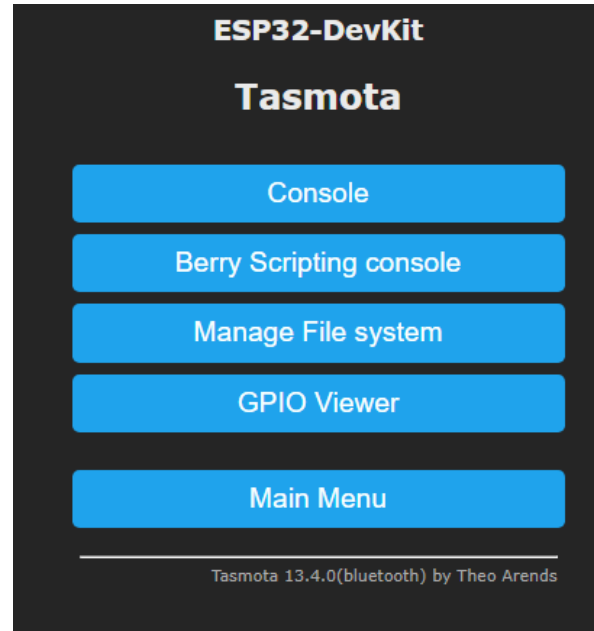
- Empfehlung: fixe IP-Adresse einstellen → "Tools"



# Zur Console



- "Console" anklicken



# Fixe IP-Adresse eintragen



- Beispielsweise "ipaddress1 192.168.50.9" eintragen

```
09:31:11.958 RSL: STATE = { "Time": "2024-03-20" }
09:31:11.987 RSL: BLE = { "Time": "2024-03-20" }
09:31:11.990 RSL: BLE = { "Time": "2024-03-20" }
```

A screenshot of a terminal window. The top part shows green text on a black background: "09:31:11.958 RSL: STATE = { 'Time': '2024-03-20' }", "09:31:11.987 RSL: BLE = { 'Time': '2024-03-20' }", and "09:31:11.990 RSL: BLE = { 'Time': '2024-03-20' }". Below this is a grey horizontal bar with a left-pointing arrow. Underneath is a white input field containing the text "ipaddress1 192.168.50.9". Below the input field is a thick blue horizontal bar, and at the bottom is a thin white horizontal line.

- "Enter" → "Tools" → "Main Menu" → "Restart" → bestätigen

# Fertig!



- Der ESP32 ist unter der neuen Adresse erreichbar

