

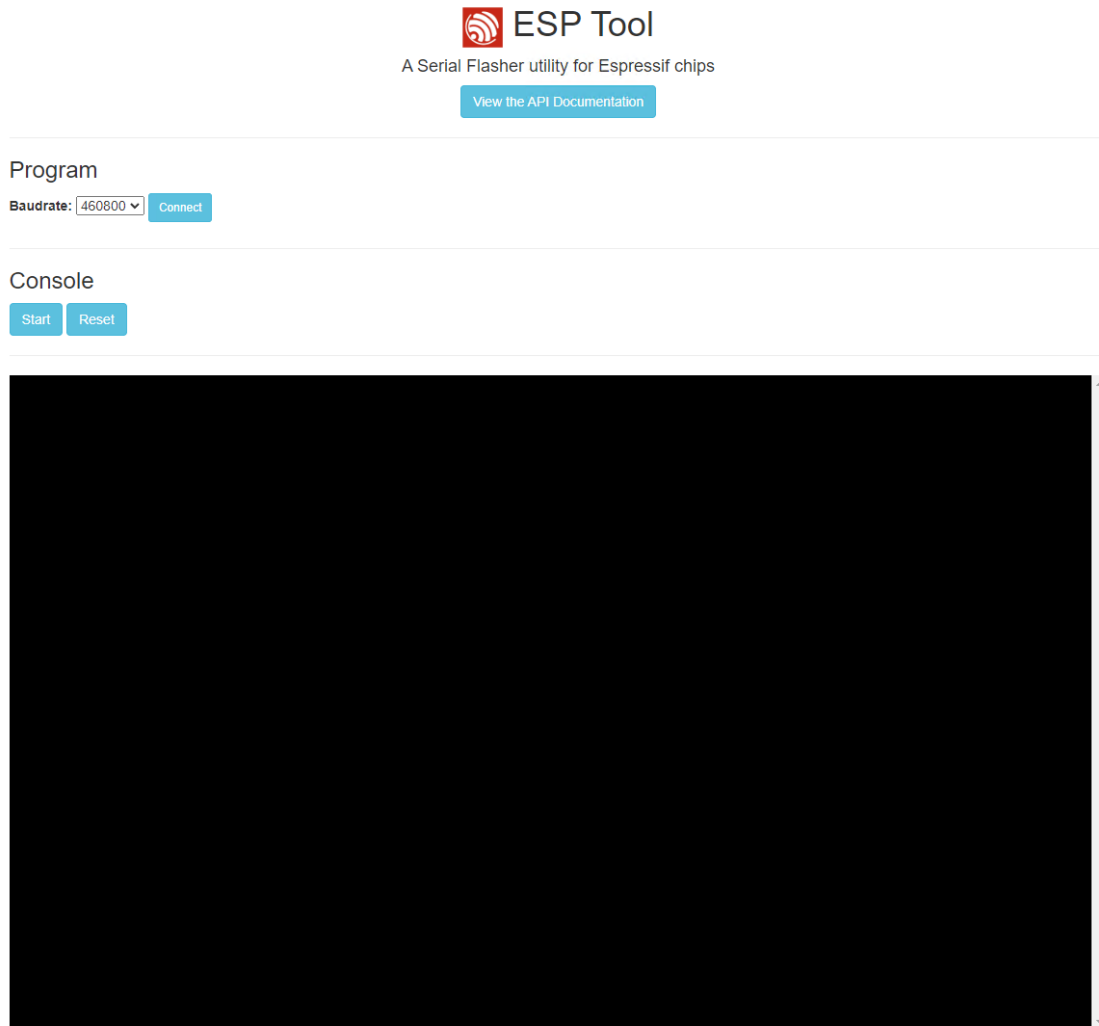


CASmo-NFC

Software reset/update

Step 1:

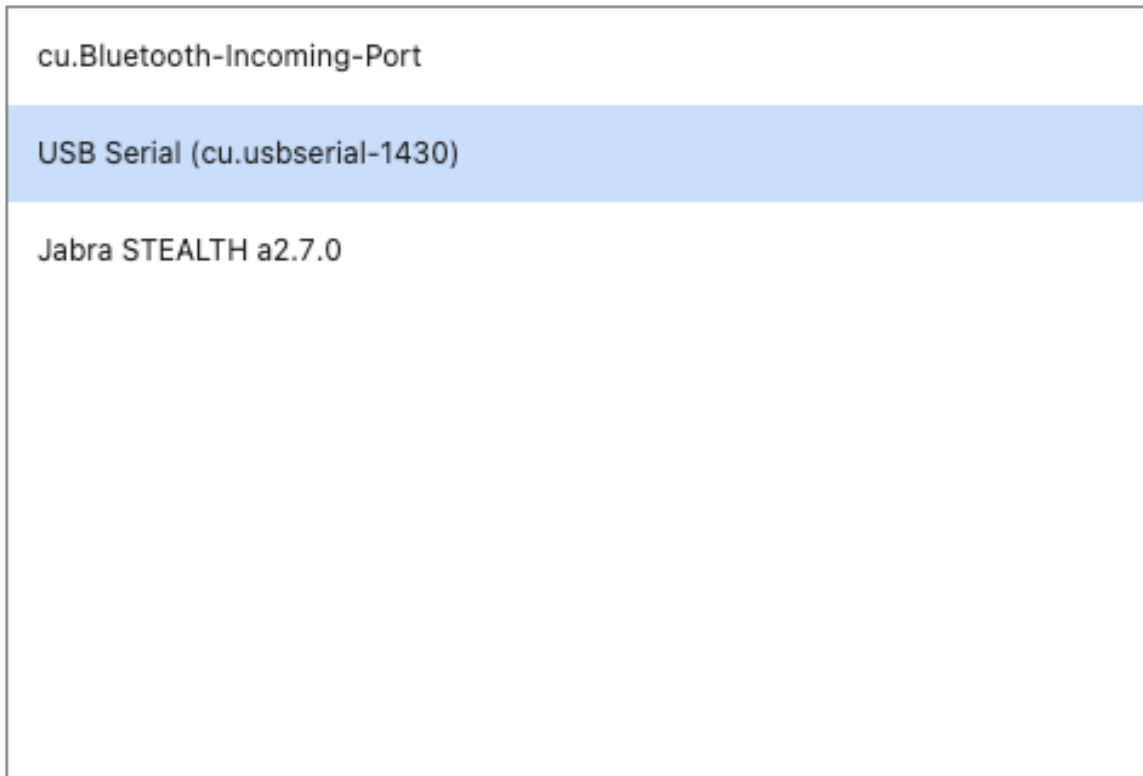
- Connect the CASmo-NFC module to a PC / Mac computer via USB
- Open this URL in your Chrome browser. (Other browsers may not be compatible): <https://espressif.github.io/esptool-js/>
- Select the baud rate "460800" and press "Connect"



Step 2:

- Select "USB Serial ..." and press "Connect"

...möchte eine Verbindung mit einem seriellen Port herstellen



The screenshot shows a dialog box with a list of ports. The first item is "cu.Bluetooth-Incoming-Port". The second item, "USB Serial (cu.usbserial-1430)", is highlighted with a blue background. The third item is "Jabra STEALTH a2.7.0".

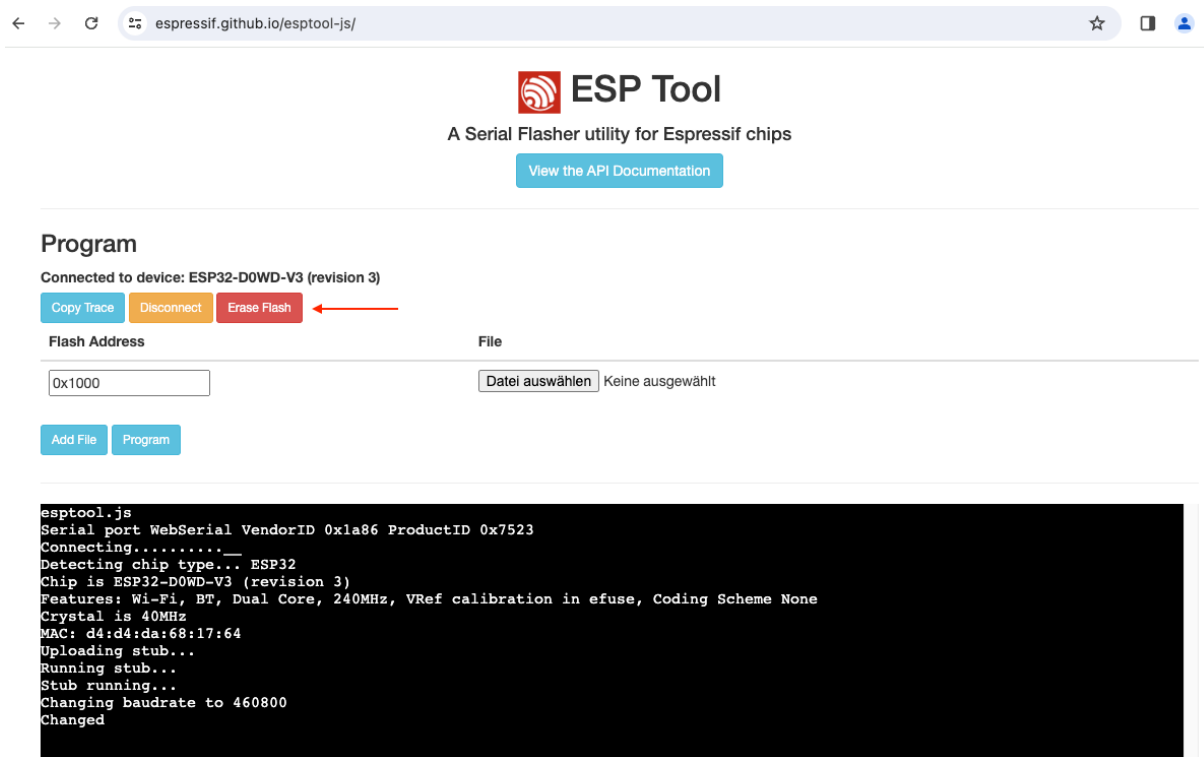


Abbrechen

Verbinden

Step 3:

- Select "Erase Flash" and wait about 15 seconds for the process to complete



The screenshot shows the ESP Tool web interface in a browser. The address bar displays 'espressif.github.io/esptool-js/'. The page title is 'ESP Tool' with the subtitle 'A Serial Flasher utility for Espressif chips'. A button labeled 'View the API Documentation' is visible. Under the 'Program' section, the device is identified as 'ESP32-D0WD-V3 (revision 3)'. Three buttons are present: 'Copy Trace', 'Disconnect', and 'Erase Flash', with a red arrow pointing to the 'Erase Flash' button. Below these are input fields for 'Flash Address' (containing '0x1000') and 'File' (containing 'Datei auswählen' and 'Keine ausgewählt'). At the bottom, there are 'Add File' and 'Program' buttons. A terminal window at the bottom shows the following output:

```
esptool.js
Serial port WebSerial VendorID 0x1a86 ProductID 0x7523
Connecting.....
Detecting chip type... ESP32
Chip is ESP32-D0WD-V3 (revision 3)
Features: Wi-Fi, BT, Dual Core, 240MHz, VRef calibration in efuse, Coding Scheme None
Crystal is 40MHz
MAC: d4:d4:da:68:17:64
Uploading stub...
Running stub...
Stub running...
Changing baudrate to 460800
Changed
```

Step 4:

- Change the value "0x1000" to the value "0x0000" and then press the "Select file" button

The screenshot shows the ESP Tool web interface. At the top, the browser address bar displays "espressif.github.io/esptool-js/". The main heading is "ESP Tool" with the subtitle "A Serial Flasher utility for Espressif chips" and a "View the API Documentation" button. Below this, the "Program" section shows the device "ESP32-D0WD-V3 (revision 3)" connected. There are buttons for "Copy Trace", "Disconnect", and "Erase Flash". The "Flash Address" field is labeled "1." and contains the value "0x0000", with a red arrow pointing to it from the text "0x0000". The "File" field is labeled "2." and contains the text "Datei auswählen" with "Keine ausgewählt" next to it. Below the fields are "Add File" and "Program" buttons. At the bottom, a terminal window shows the following output:

```
esptool.js
Serial port WebSerial VendorID 0x1a86 ProductID 0x7523
Connecting.....
Detecting chip type... ESP32
Chip is ESP32-D0WD-V3 (revision 3)
Features: Wi-Fi, BT, Dual Core, 240MHz, VRef calibration in efuse, Coding Scheme None
Crystal is 40MHz
MAC: d4:d4:da:68:17:64
Uploading stub...
Running stub...
Stub running...
Changing baudrate to 460800
Changed
```

Step 5:

- Select the "CASmo-NFC_Vxx.x.x_factory.bin" file (located in the folder of these instructions or can be downloaded here: <https://casmo.info/shop/casmo-nfc-3#attr=>) and press "Open"

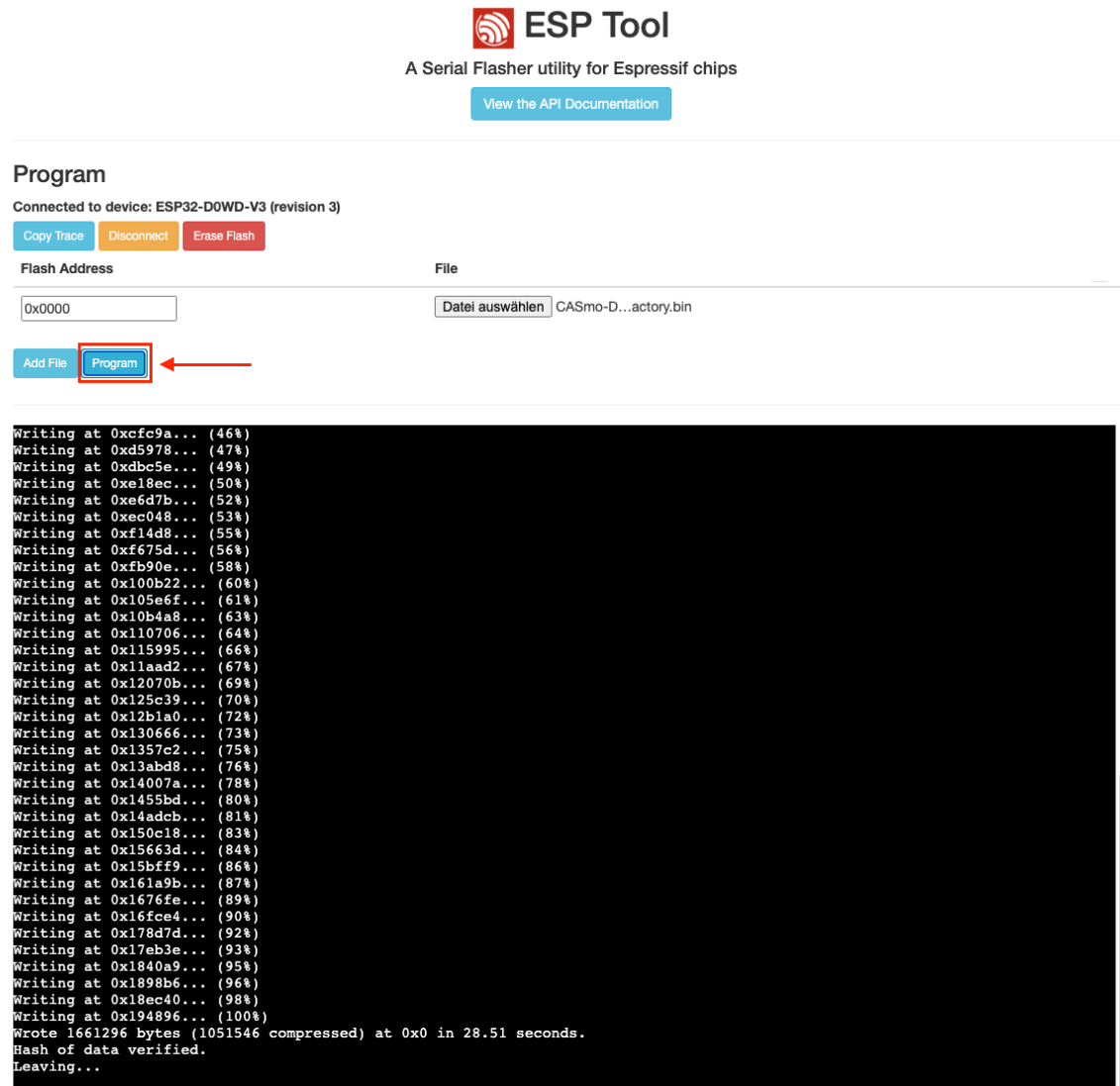
The screenshot shows a file manager window with a search bar at the top right containing the text 'Suchen'. The current directory is 'CASmo-NFC'. Below the search bar is a table with the following columns: 'Name', 'Größe', 'Art', and 'Änderungsdatum'. The table contains three entries:

Name	Größe	Art	Änderungsdatum
esp32-firmware-merged_V0.6.bin	4,2 MB	MacBinary-Archiv	Heute, 10:15
esp32-firmware_merged_V0.5.bin	4,2 MB	MacBinary-Archiv	20.11.2024, 19:01
CASmo-NFC.pdf	306 KB	PDF-Dokument	25.10.2024, 00:02

At the bottom right of the window, there are two buttons: 'Abbrechen' and 'Öffnen'.

Step 6:

- Finally, press "Program" and wait for the programming process to complete. The module can now be disconnected from the PC / Mac and set up again



ESP Tool
A Serial Flasher utility for Espressif chips
[View the API Documentation](#)

Program

Connected to device: ESP32-D0WD-V3 (revision 3)

[Copy Trace](#) [Disconnect](#) [Erase Flash](#)

Flash Address: File:

[Add File](#) [Program](#) ←

```
Writing at 0xcfc9a... (46%)
Writing at 0xd5978... (47%)
Writing at 0xdc5e... (49%)
Writing at 0xe18ec... (50%)
Writing at 0xe6d7b... (52%)
Writing at 0xec048... (53%)
Writing at 0xf14d8... (55%)
Writing at 0xf675d... (56%)
Writing at 0xfb90e... (58%)
Writing at 0x100b22... (60%)
Writing at 0x105e6f... (61%)
Writing at 0x10b4a8... (63%)
Writing at 0x110706... (64%)
Writing at 0x115995... (66%)
Writing at 0x11aad2... (67%)
Writing at 0x12070b... (69%)
Writing at 0x125c39... (70%)
Writing at 0x12b1a0... (72%)
Writing at 0x130666... (73%)
Writing at 0x1357c2... (75%)
Writing at 0x13abd8... (76%)
Writing at 0x14007a... (78%)
Writing at 0x1455bd... (80%)
Writing at 0x14adcb... (81%)
Writing at 0x150c18... (83%)
Writing at 0x15663d... (84%)
Writing at 0x15bff9... (86%)
Writing at 0x161a9b... (87%)
Writing at 0x1676fe... (89%)
Writing at 0x16fce4... (90%)
Writing at 0x178d7d... (92%)
Writing at 0x17eb3e... (93%)
Writing at 0x1840a9... (95%)
Writing at 0x1898b6... (96%)
Writing at 0x18ec40... (98%)
Writing at 0x194896... (100%)
Wrote 1661296 bytes (1051546 compressed) at 0x0 in 28.51 seconds.
Hash of data verified.
Leaving...
```



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