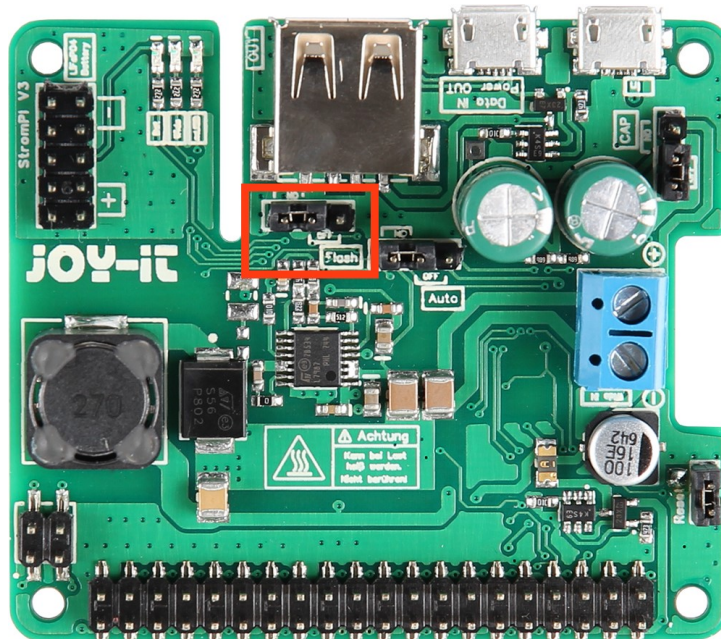


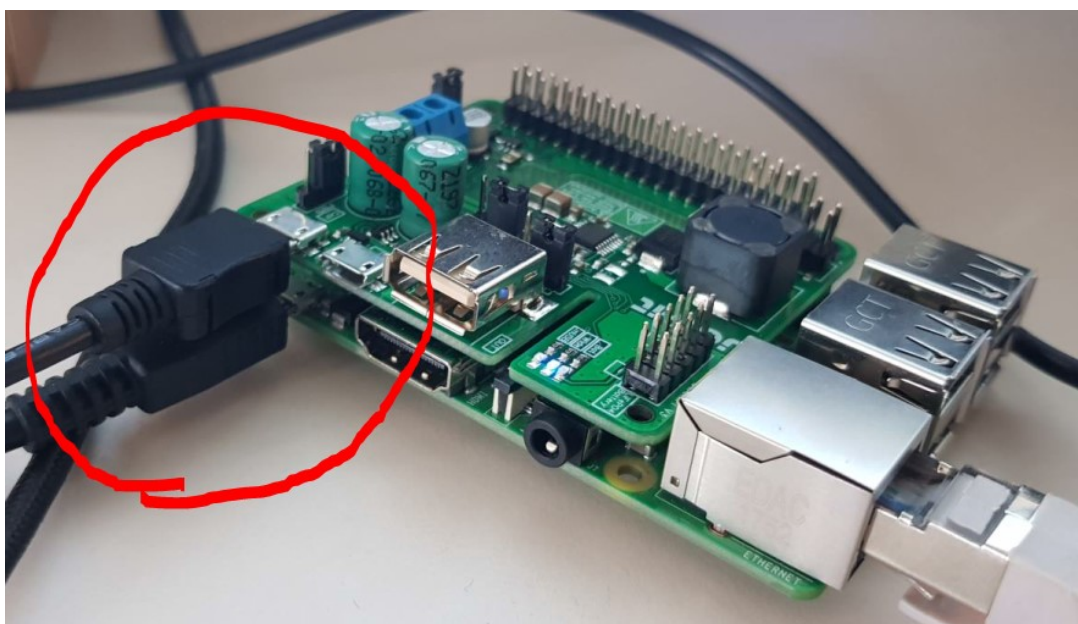
# StromPi 3-Firmware Flash Beta (28.09.2018)

## 1. FLASH JUMPER

To Bring the StromPi3 into the Flash-Mode you have to change the position of the Flash-Jumper to „On“.



After that, both PCB's (the RPi and SP3) have to be connected to a microUSB voltage source



## 2. INSTALL FLASH-SOFTWARE

---

With the following Command-Line you can install the Flash-Software

```
sudo apt-get install stm32flash
```

Please make sure that you also have completed the installation steps from the regular Manual of the StromPi3 (Page 6-8).

## 3. COPY FIRMWARE

---

Copy the firmware to a easy to reach folder like „/home/pi/“

## 4. FLASH FIRMWARE

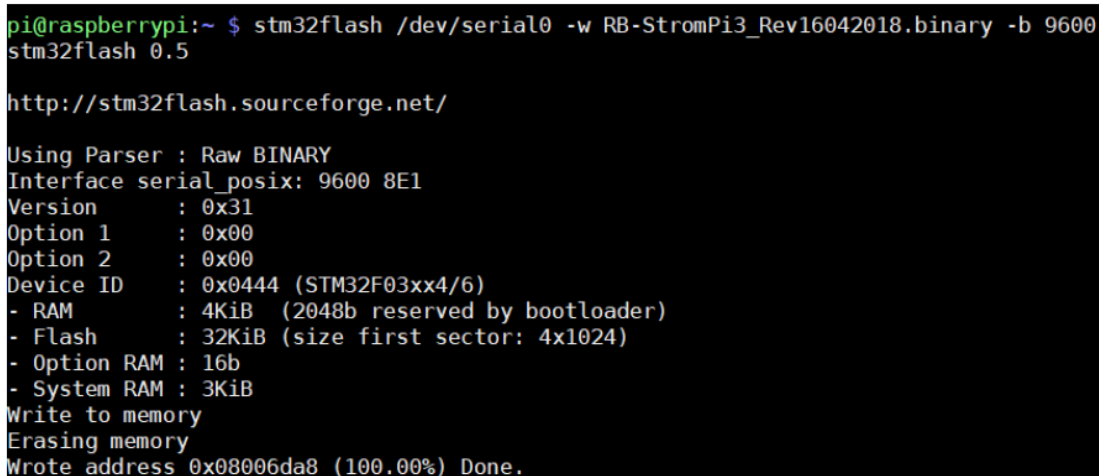
---

To Flash now the firmware, you have to use the following command-line

```
stm32flash /dev/serial0 -w RB-StromPi3_Rev16042018.binary -b 9600
```

This part of the Command-Line: „RB-StromPi3\_Rev16042018.binary“ is the firmware-filename and it should be changed eventually.

After the Firmware was successfully flashed, the voltage sources from the StromPi 3 and the Raspberry Pi can be disconnected and the Flash-Jumper can be attached to the „Off“ Position.



```
pi@raspberrypi:~ $ stm32flash /dev/serial0 -w RB-StromPi3_Rev16042018.binary -b 9600
stm32flash 0.5

http://stm32flash.sourceforge.net/

Using Parser : Raw BINARY
Interface serial_posix: 9600 8E1
Version      : 0x31
Option 1     : 0x00
Option 2     : 0x00
Device ID    : 0x0444 (STM32F03xx4/6)
- RAM        : 4KiB (2048b reserved by bootloader)
- Flash      : 32KiB (size first sector: 4x1024)
- Option RAM : 16b
- System RAM : 3KiB
Write to memory
Erasing memory
Wrote address 0x08006da8 (100.00%) Done.
```

## 5. SUPPORT

---

Wir sind auch nach dem Kauf für Sie da. Sollten noch Fragen offen bleiben oder Probleme auftauchen stehen wir Ihnen auch per E-Mail, Telefon und Ticket-Supportsystem zur Seite.

E-Mail: [service@joy-it.net](mailto:service@joy-it.net)

Ticket-System: <http://support.joy-it.net>

Telefon: +49 (0)2845 98469 – 66 (11- 18 Uhr)

Für weitere Informationen besuchen Sie unsere Website:

**[www.joy-it.net](http://www.joy-it.net)**