

StromPi 3

Serial-Less Manual

1. INTRODUCTION

Perhaps the serial port of your Raspberry Pi is already in use by another HAT or module and can therefore not be used simultaneously with the StromPi 3.

With the serial-less mode the StromPi3 can still be used as a UPS.

With this mode, the shutdown warning is not transmitted via the serial interface as before, but via a free GPIO pin.

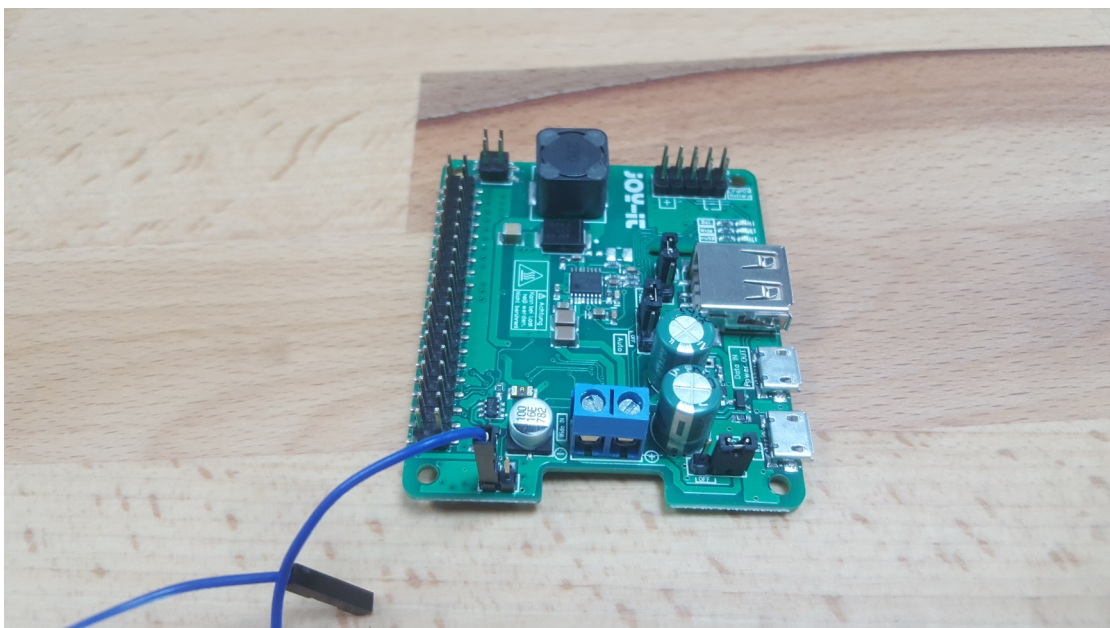
For this mode an additional modification is necessary, which establishes a connection between your Raspberry Pi and the StromPi 3. For this modification there are three different possibilities, which we will explain in the following.

In addition, customized shutdown scripts are required, which are also included in this package.

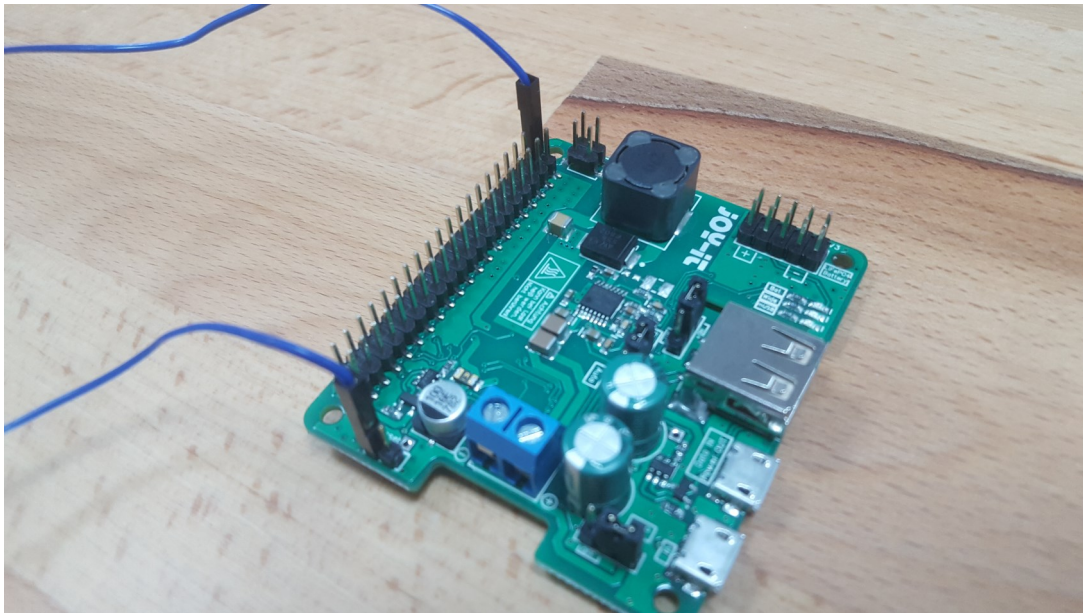
2. OPTION 1

Option 1 is the fastest solution, but can only be used if you do not use a Battery Hat.

Simply plug a cable into the reset pin, as shown in the following picture. To do this, first remove the jumper.



The other end of the cable must be connected to a GPIO pin.



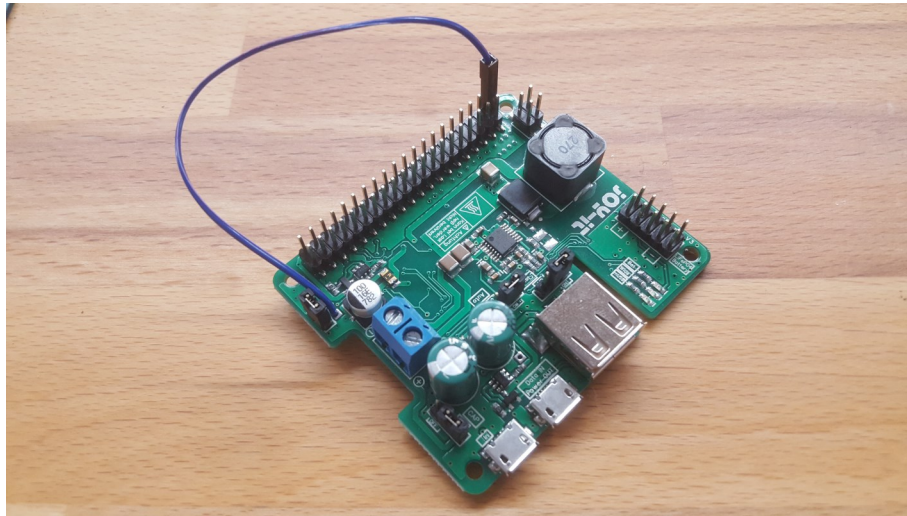
You can also use any other GPIO pin, but the software has to be adapted accordingly.

3. OPTION 2

Solder one end of the cable, as shown in the picture, to the free pad.
Note that the jumper on the reset pin must be set.



The other end of the cable must be connected to a GPIO pin.

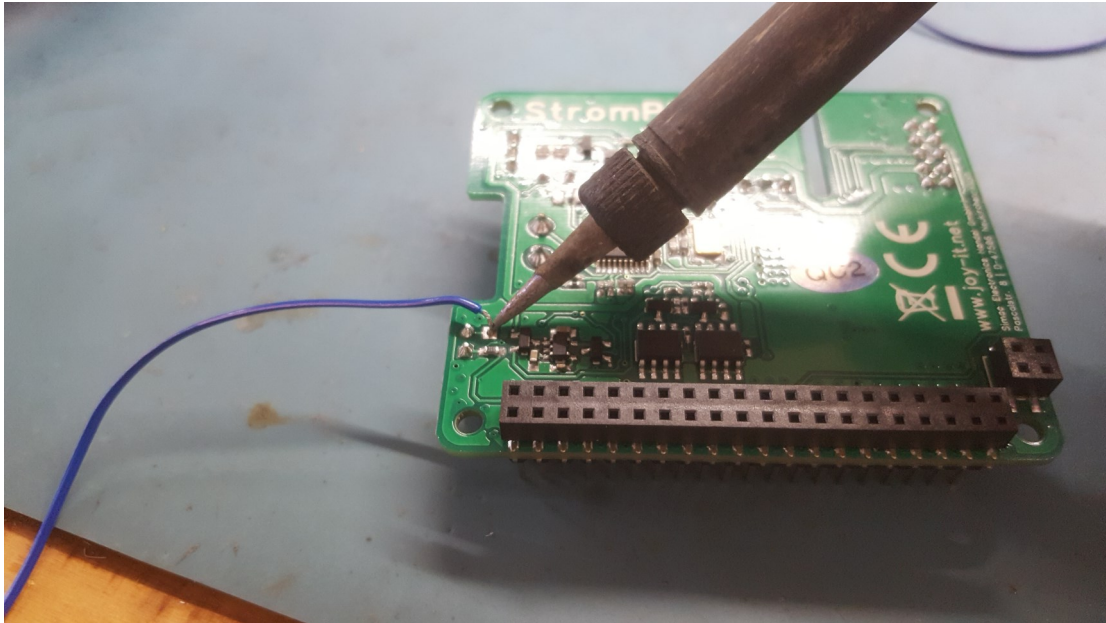


You can also use any other GPIO pin, but the software has to be adapted accordingly. This option is also suitable if you use the Battery Hat.

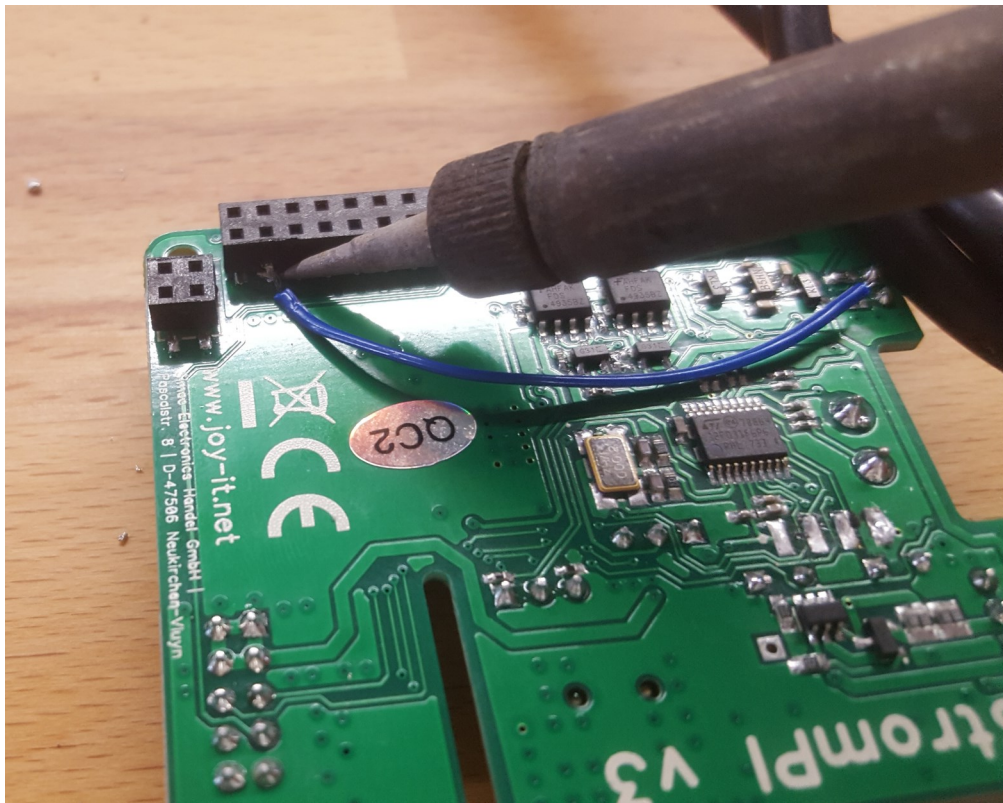


4. OPTION 3

For option 3, solder one end of the cable to the free pad of the reset pin, as for option 2. The jumper must also remain set here.



Solder the other end of the cable to one of the GPIO pins as shown in the picture below.



5. SUPPORT

We are also support you after your purchase. If you still have questions or problems, we are also available by e-mail, telephone and ticket support system.

E-Mail: service@joy-it.net

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

Phone: +49 (0)2845 98469 – 66 (9:30 - 17:00 o'clock)

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