Bat mUSB
Wide

Ground

8: BOOST_EN
12: ADC_VBAT
X₁: V_BAT

Connector
Bat +5V

StromPi V3

JOY-it

USB
out

mUSB
out

mUSB
in

1: BOOT0
9: RESET_Rasp
10: CTRL_L7987
X₂: Wide 6-61V

Protection
Circuit +
Voltage Buffer

Wide

Step-down
Converter
Wide

⚠ Achtung
Kann bei Last
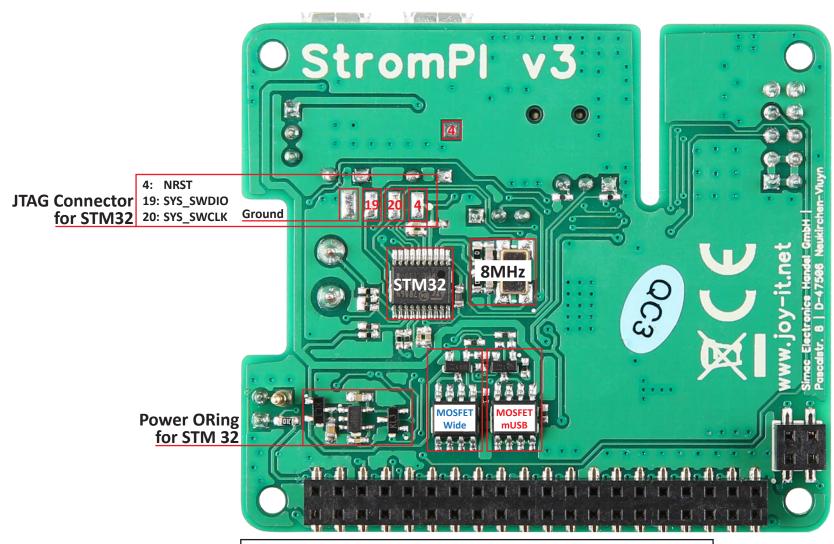heiß werden.
Nicht berühren!

Protection
Circuit + Fuse

Note:
Pins with numbers (e. g. 1; 4) are corresponding with the pinout of the STM32 MCU.
Pins with X and subscript numbers (e. g. X₁) don't have corresponding pins.

StromPI v3

JTAG Connector for STM32

4:	NRST
19:	SYS_SWDIO
20:	SYS_SWCLK

Ground

19 20 4

STM32

8MHz

Power ORing for STM 32

MOSFET Wide

MOSFET mUSB

www.joy-it.net

Simac Electronics Handel GmbH | Pascalstr. 8 | D-47506 Neukirchen-Vluyn

Note:
Pins with numbers (e. g. 1; 4) are corresponding with the pinout of the STM32 MCU.
Pins with X and subscript numbers (e. g. X_1) don't have corresponding pins.