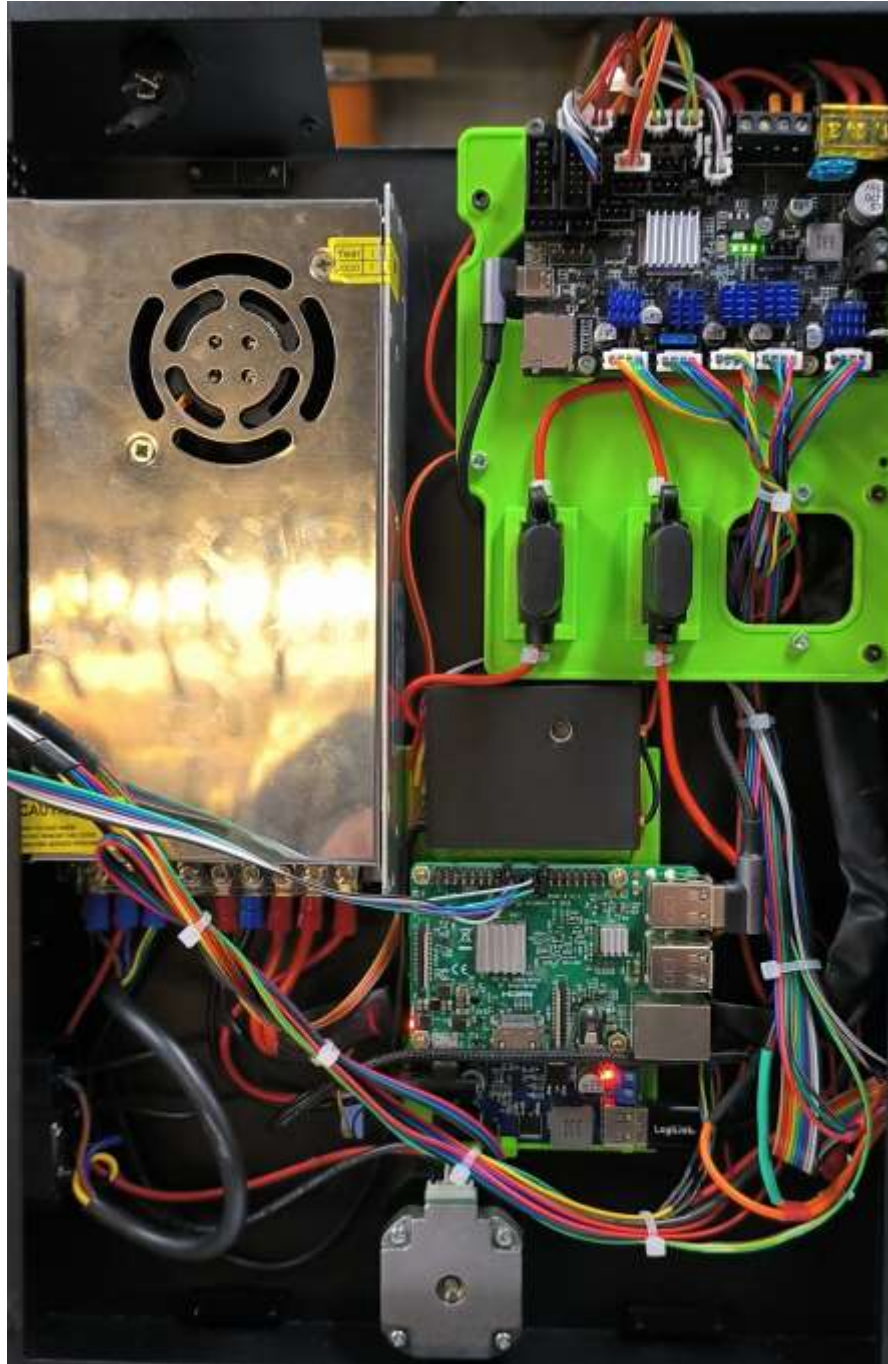


## **Anycubic I3Mega Tuning Teil 13 Mainsail Klipper**

### **Part: Elektrik**



**Warning :** I take no responsibility for any damage to people or machine. The installation takes place at risk.

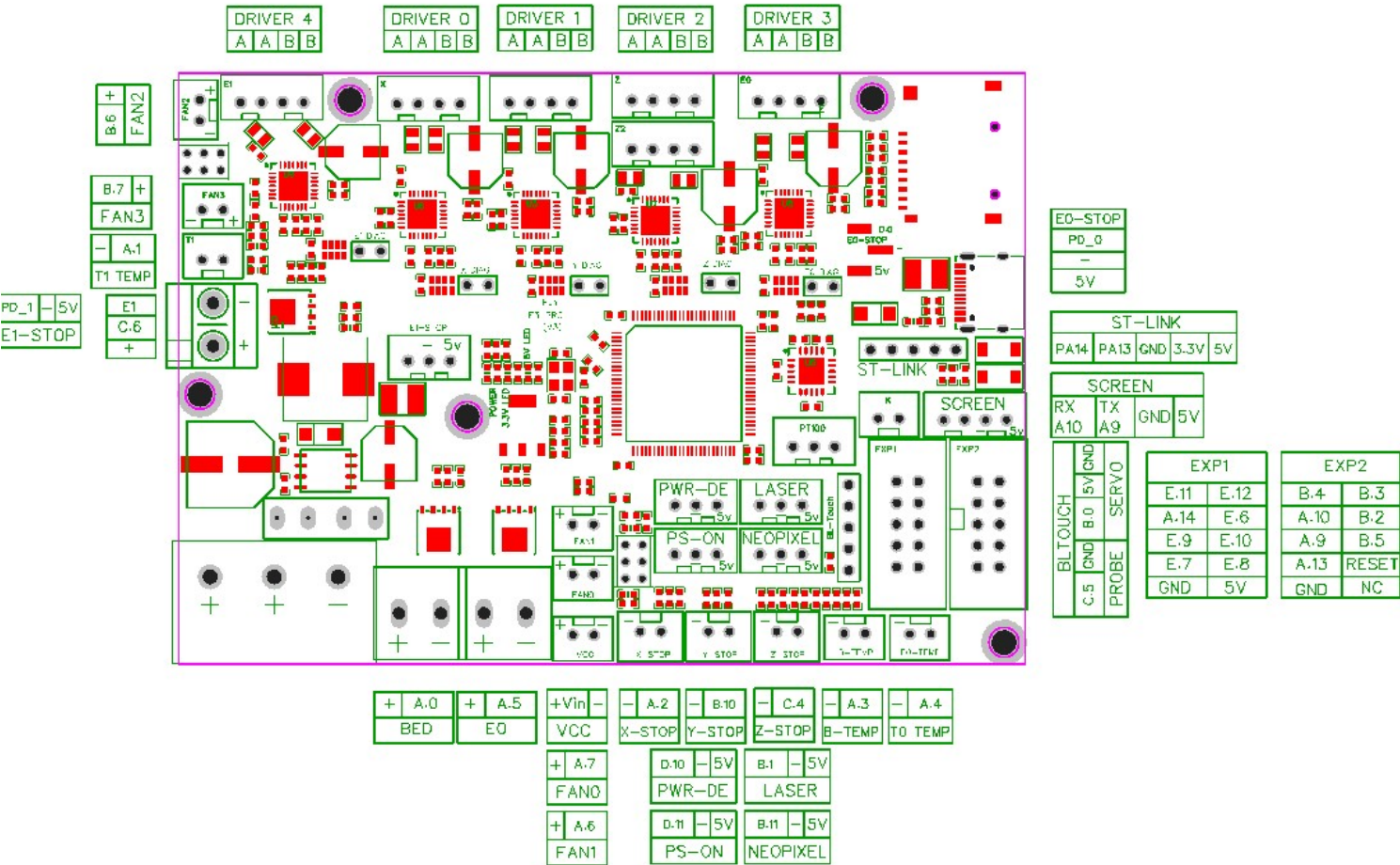
**Warung :** Ich übernehme keine Verantwortung für Schäden an Menschen oder Maschine. Der Einbau erfolgt auf eigene Gefahr.

Board Mellow E3 ProV3 Doku:

[https://teamgloomy.github.io/fly\\_e3\\_pro\\_v3\\_general.html](https://teamgloomy.github.io/fly_e3_pro_v3_general.html)

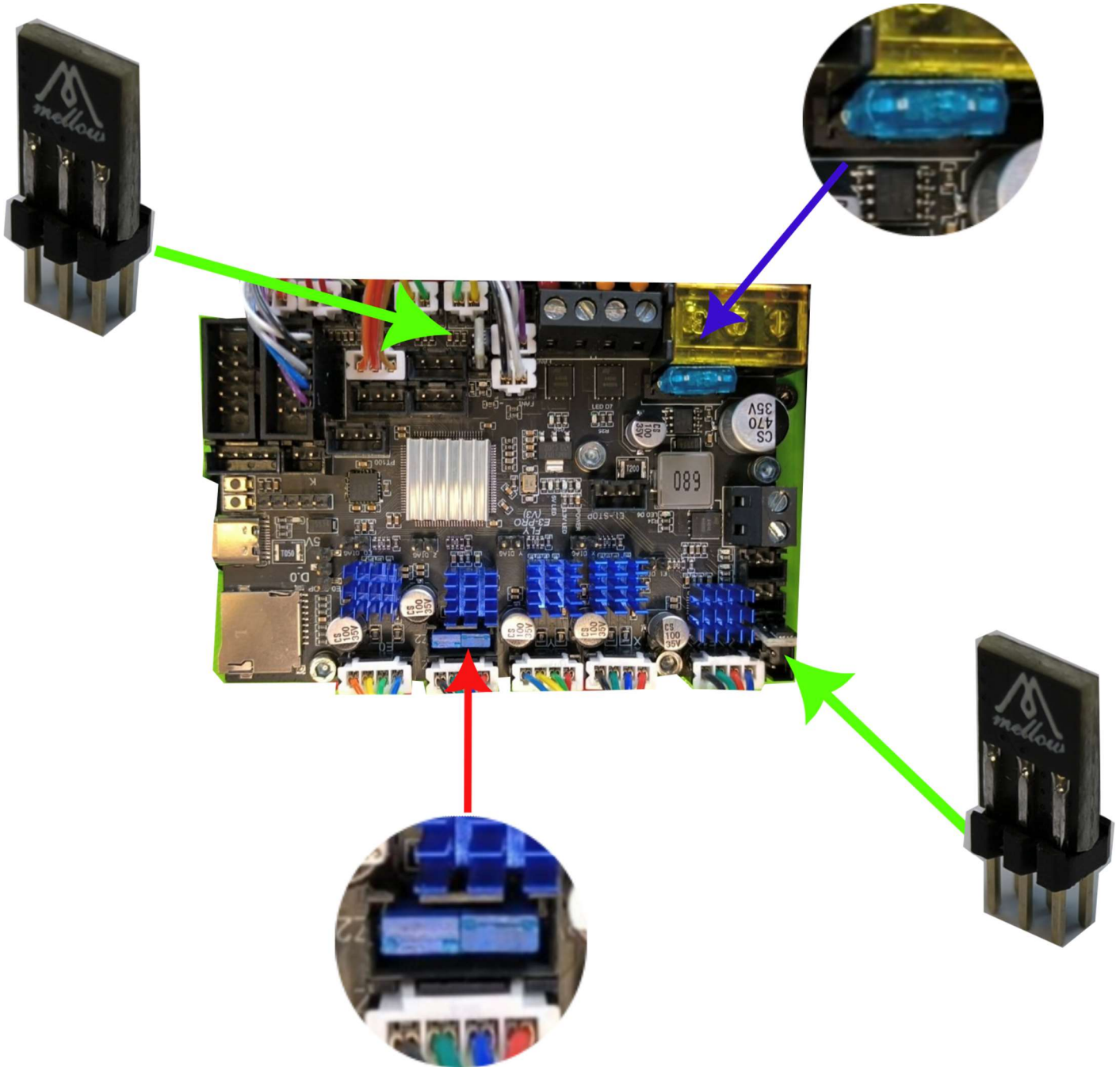
	X	Y	Z	E0	E1
STEP	E-3	B-9	A-15	D-4	C-13
DIR	E-2	B-8	D-7	D-3	C-0
EN	E-5	E-1	C-2	D-6	C-15
CS/UART	E-4	E-0	A-8	D-5	C-14

FLY-E3-PROv3



#### 1. Board Settings

- blue 10A fuse
- green fan mosfet
- red jumper Z- Axis



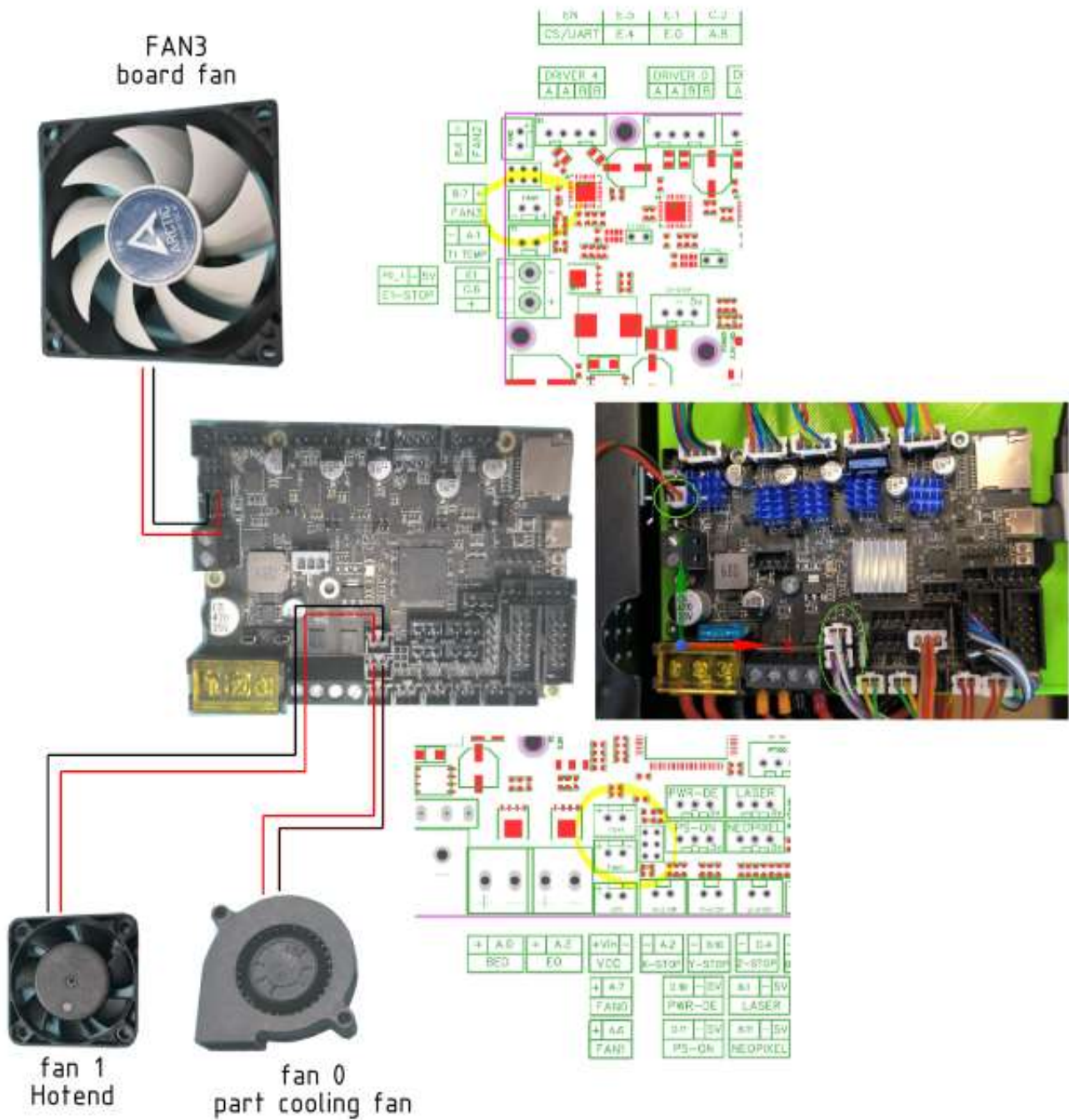
#### 2. [fan]

Download at: <https://github.com/Schmelzerboy/I3-Mega-Klipper>



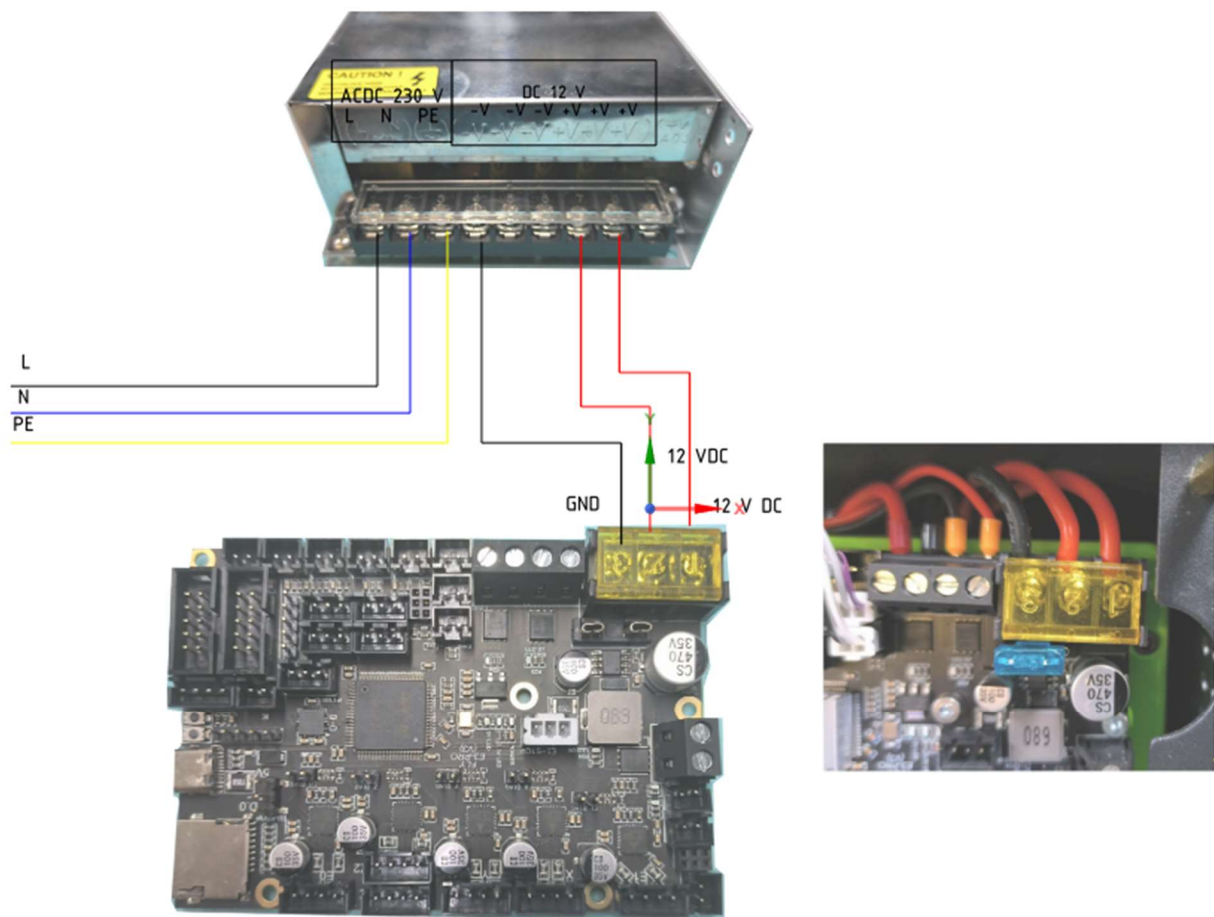
#### 4 Schmelzdoku Mainsail Klipper

- Fan 0 pin: PA7 [fan]
- Fan 1 pin: PA6 [heater fan]
- Fan 3 pin: PB7 [controller\_fan]



#### 3. Power Supply Board

Download at: <https://github.com/Schmelzerboy/I3-Mega-Klipper>



4. [heater\_bed]

Download at: <https://github.com/Schmelzerboy/I3-Mega-Klipper>

- heater\_pin: PA0
- sensor\_pin: PA3

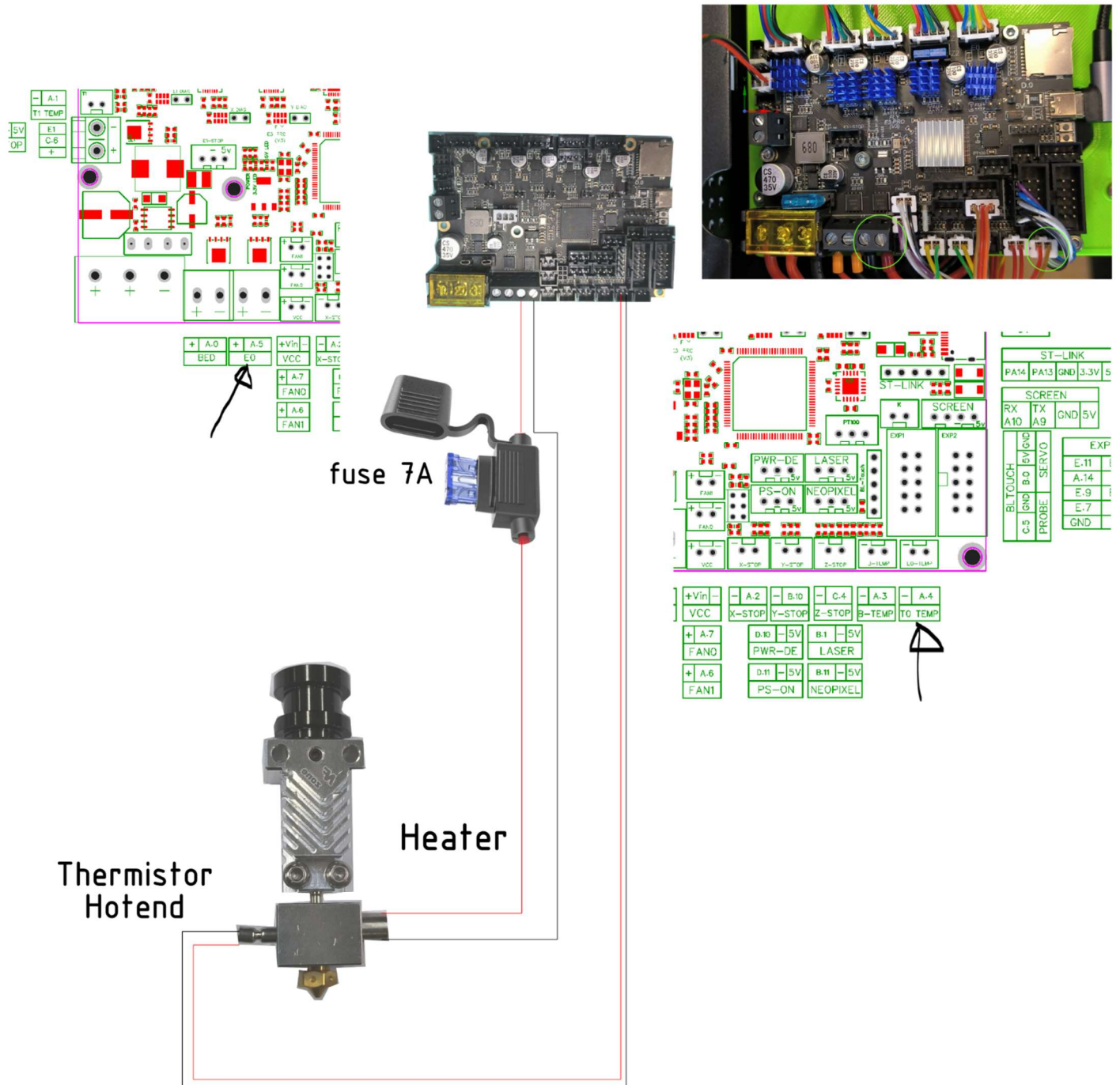


## 5. Hotend

Download at: <https://github.com/Schmelzerboy/I3-Mega-Klipper>

## 7

```
heater_pin: PA5
sensor_pin: PA4
```



## 6. Stepper

Download at: <https://github.com/Schmelzerboy/I3-Mega-Klipper>



[stepper\_x]

[stepper\_y]

[stepper\_z]

[stepper\_z1]

[extruder]

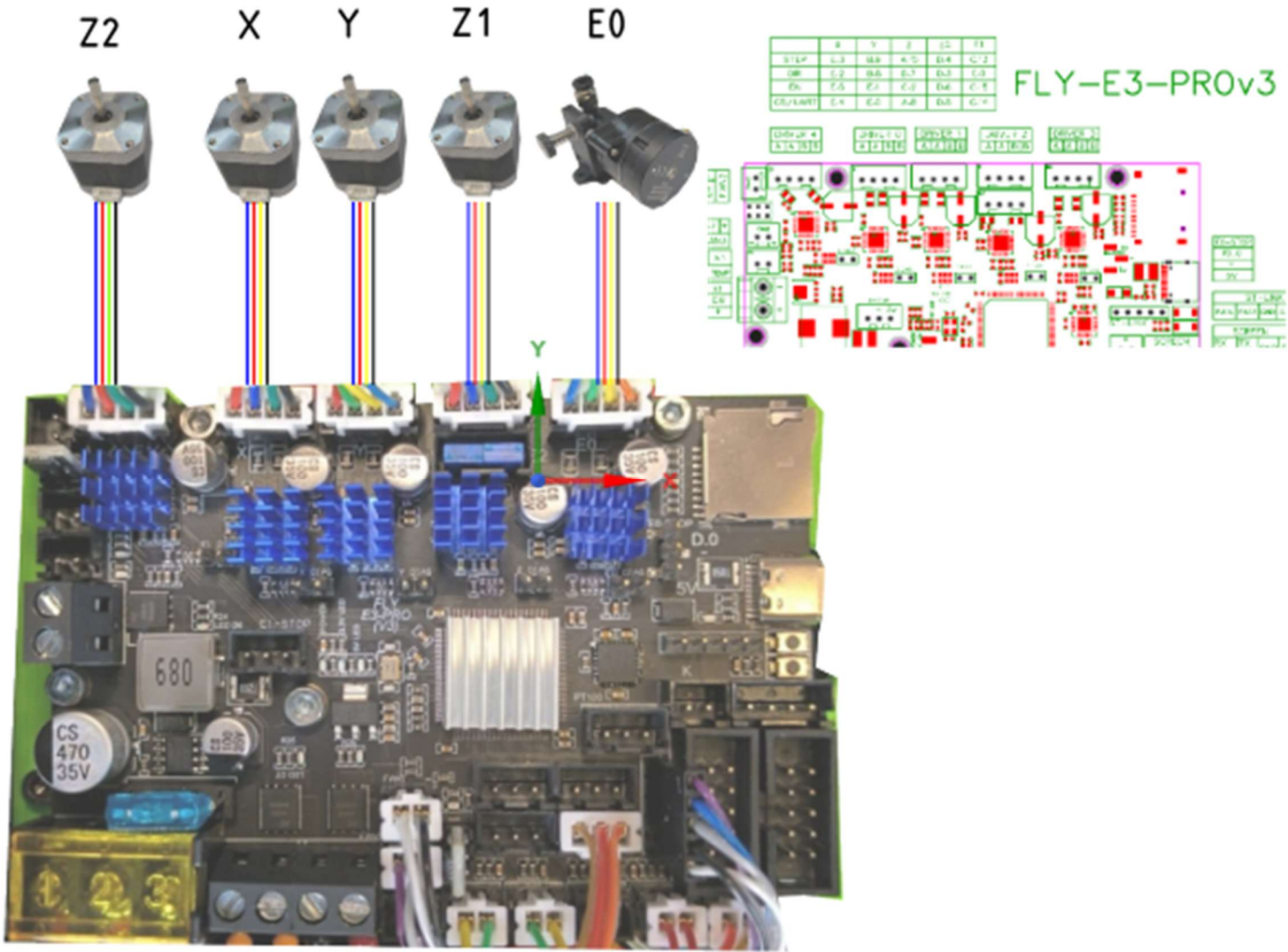
step\_pin: PE3 dir\_pin: PE2 enable\_pin: !PE5

step\_pin: PB3 dir\_pin: PB8 enable\_pin: !PE1

step\_pin: PA15 dir\_pin: PD7 enable\_pin: !PC2

step\_pin: PC13 dir\_pin: PC0 enable\_pin: !PC15

step\_pin: PD4 dir\_pin: PD3 enable\_pin: !PD6



6. [bltouch]

Download at: <https://github.com/Schmelzerboy/I3-Mega-Klipper>



```
sensor_pin: ^PC5
control_pin: PB0
```

Check:  
[https://teamgloomy.github.io/fly\\_e3\\_pro\\_v3\\_bltouch.html](https://teamgloomy.github.io/fly_e3_pro_v3_bltouch.html)

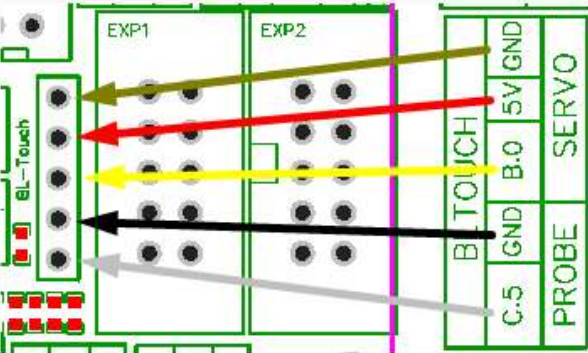
### Physical Connections

Connect the BLTouch to the Fly-E3-Pro-v3 as described in the table below.

Show 10 entries
Search:

BLTouch Wire Colour	Fly-E3-Pro-v3	Fly-E3-Pro-v3 Pin Name
Black	GND	
Brown	GND	
Red	+5v	
White	PC_5	probe
Yellow	PB_0	Servo0

Showing 1 to 5 of 5 entries
Previous
1
Next



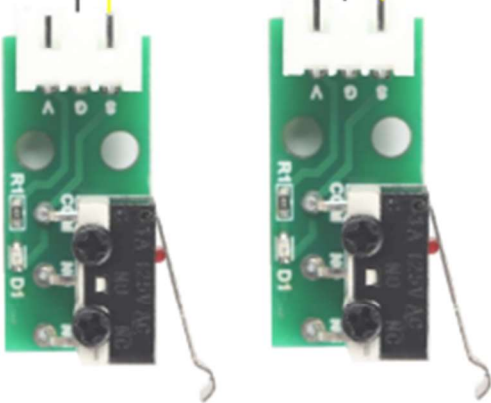
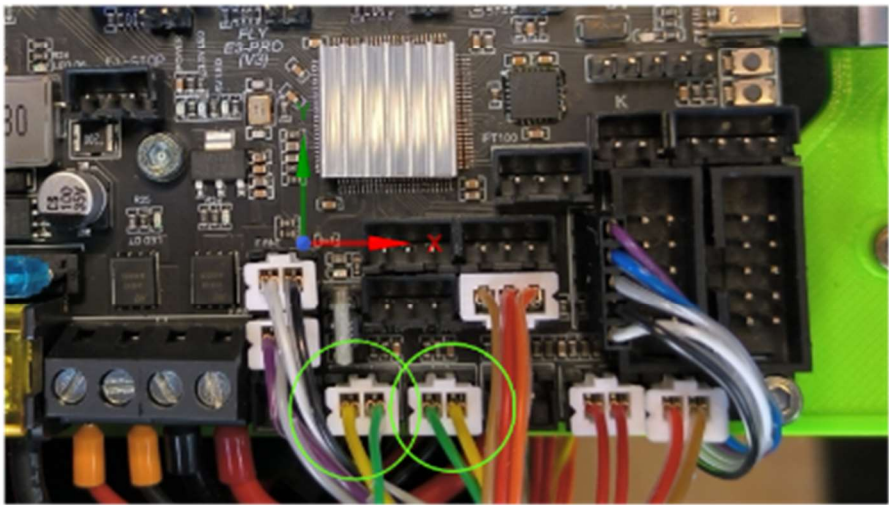
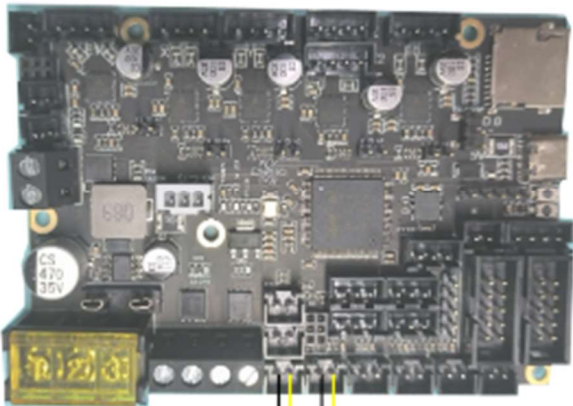
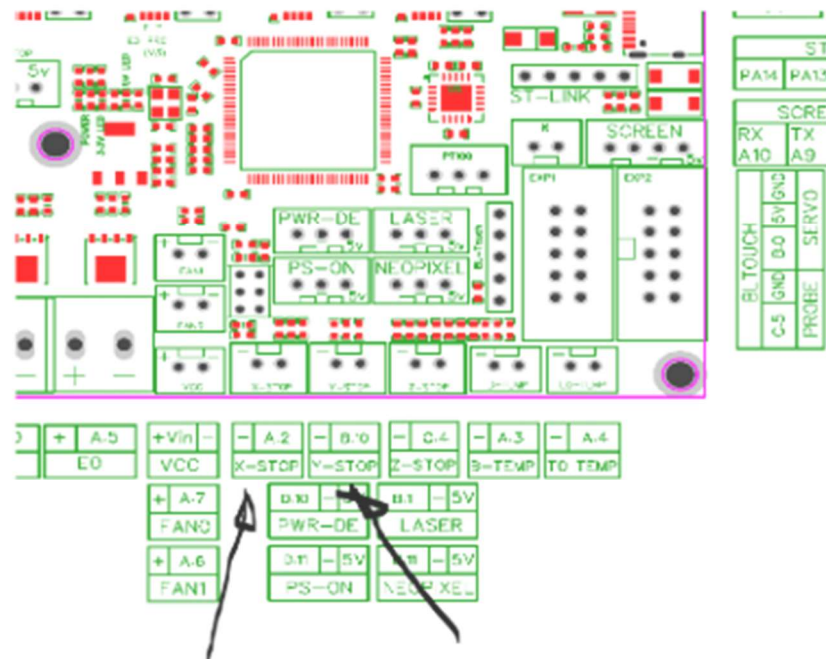
Fly-E3-Pro-v3 BLTouch Connection

### 7. Endstops

Download at: <https://github.com/Schmelzerboy/I3-Mega-Klipper>

# 1 Schmelzdoku Mainsail Klipper

X = endstop\_pin: !PA2  
Y= endstop\_pin: !PB10

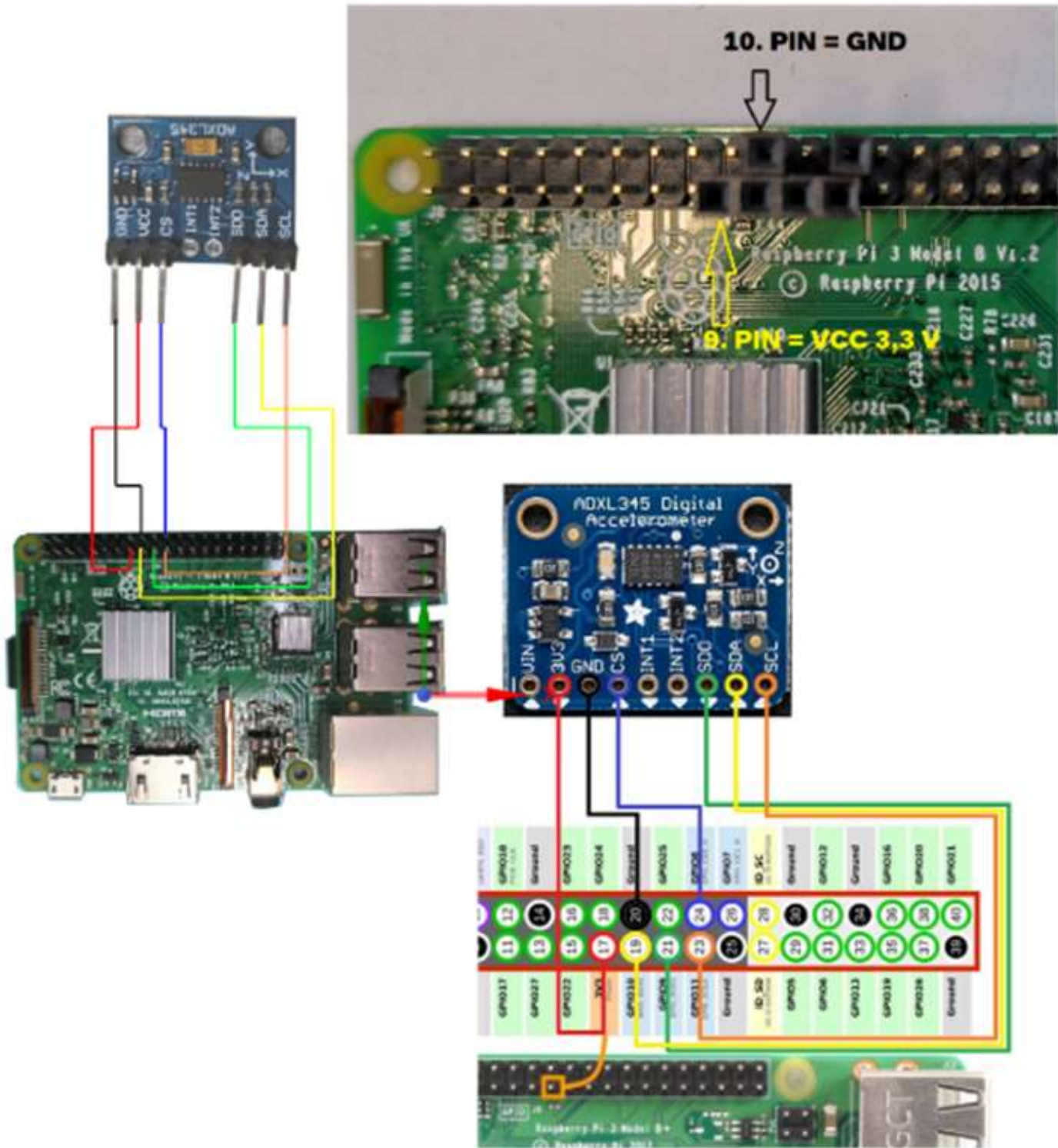


X Achse

Y Achse

8. [ADXL]

cs\_pin: rpi:None



9 . DC/DC Wandler / USB Verkabelung

Download at: <https://github.com/Schmelzerboy/I3-Mega-Klipper>





USB C



Mirco USB



IN 12 Volt DC



Out 5.1 DC



## 10. [neopixel Leds]

Download at: <https://github.com/Schmelzerboy/I3-Mega-Klipper>

pin : PB11

