

Whammy 4 - NEO – Version 1.10  
By melatroid

Working Pre-Final Version

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Calibration

Midi Access

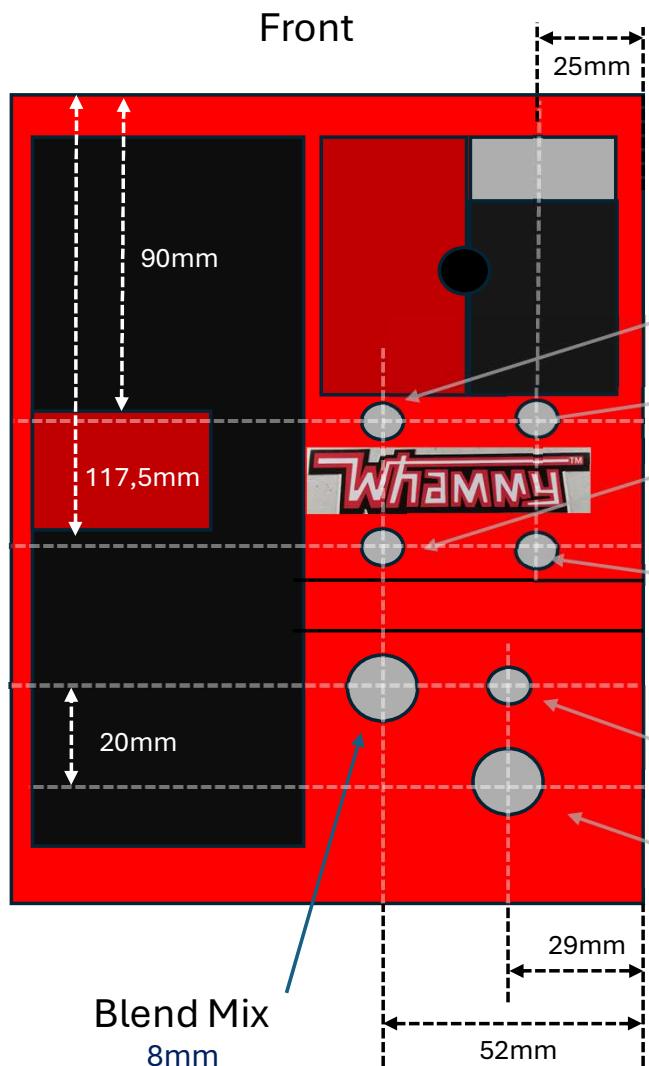
Time

Momantary / Change Effects

Blend Mix

LED On/OFF

Effect On/OFF



6mm  
Calibration Switch

6mm  
Midi Access Switch

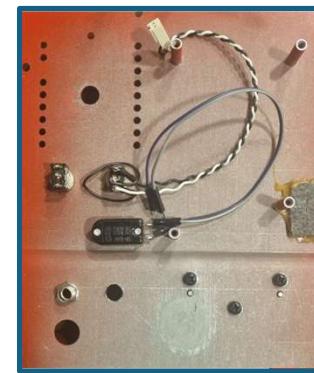
Momentary Switch  
12mm

Poti 10KOhm  
7mm

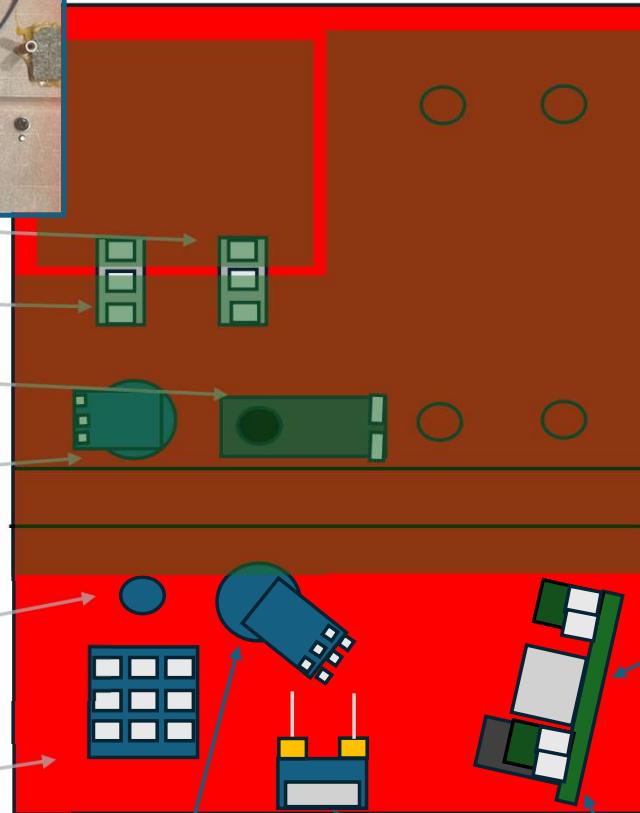
LED  
7,5mm

3PDT  
10mm

Blend Mix  
8mm



**Back**

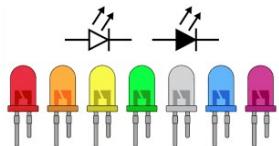


Glue it!

RP 2040 Zero  
**USB TO THE TOP  
FOR UPDATES**

Glue it!  
AC/DC Power

# Parts



1kΩ 3x

1MΩ

220Ω 2x



22-47 uF 100 nF  
47 nF



ELKO/Ceramic Condenser



Toggle Switch 2x  
Midi Access /  
Calibration



Momantary  
(Original Part)



250kΩ  
Blend



3PDT

B0505S-1W



AC/DC  
LM2596HV

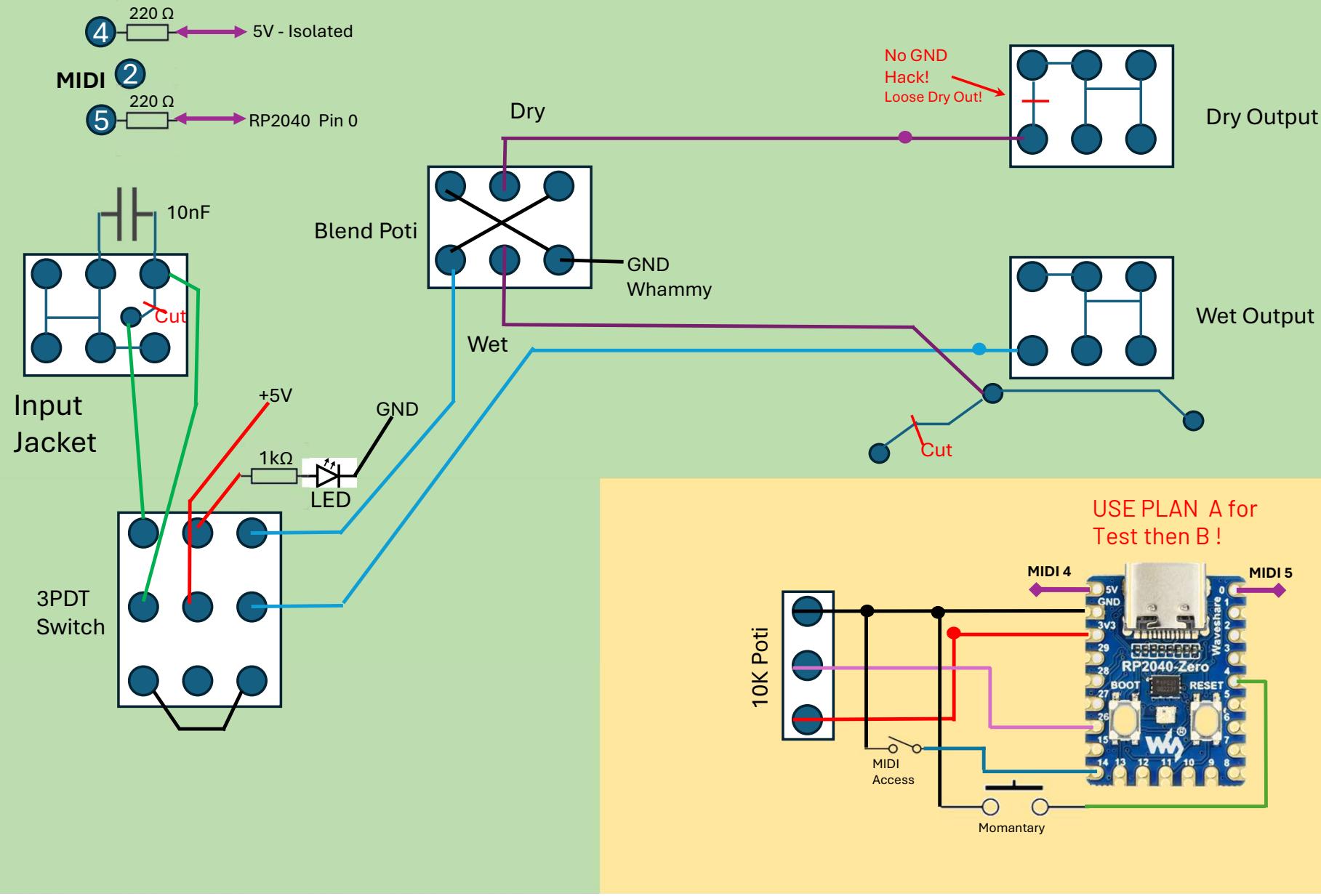


10KΩ



Raspberry Pi  
2040 Zero





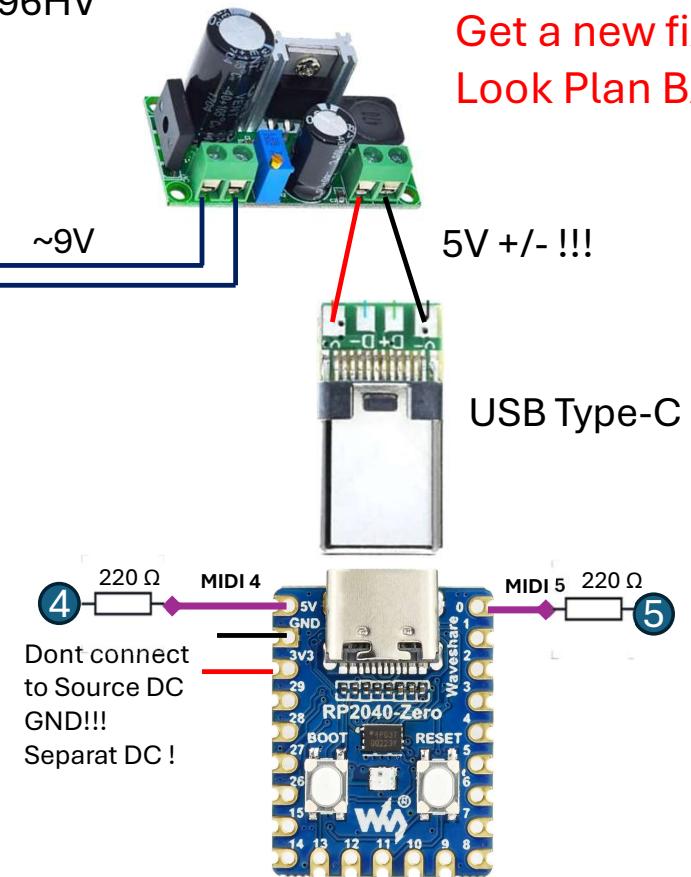
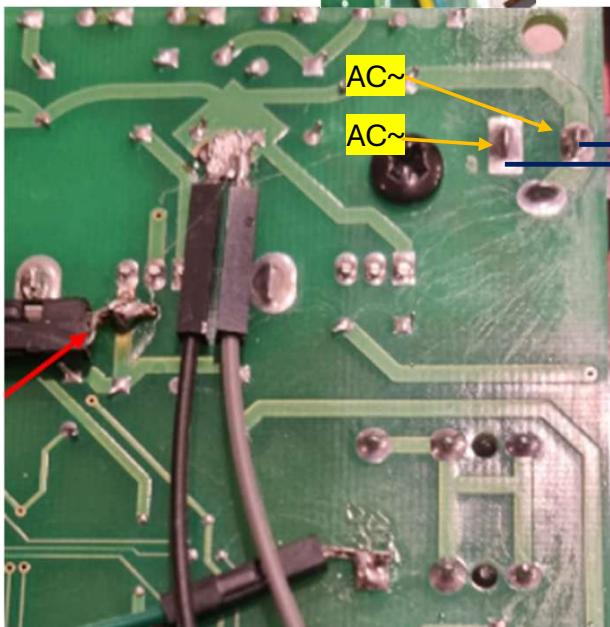
# **Power Supply PLAN A**

## **TEST ONLY!**

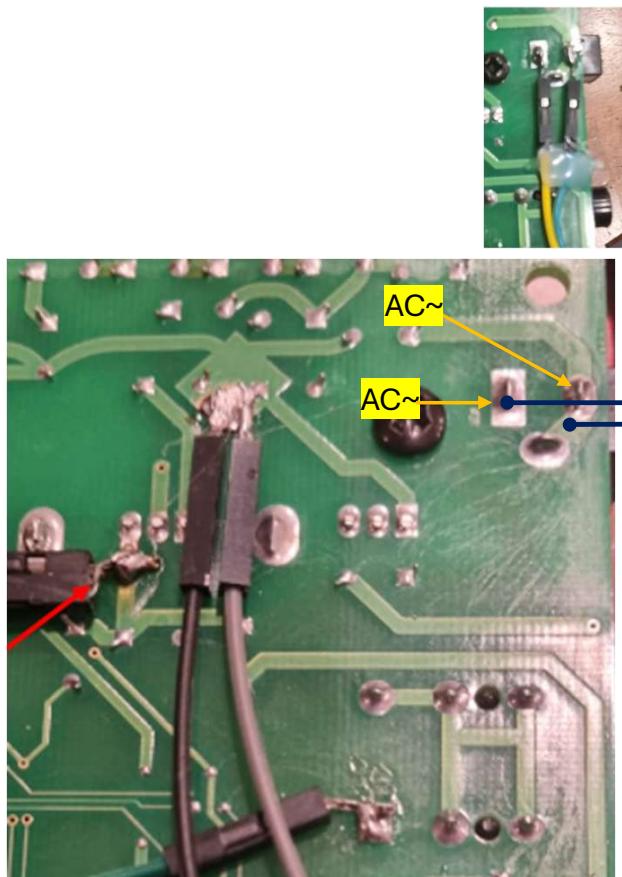


# AC/DC Converter LM2596HV

Get a new fix!!!  
Look Plan B/C

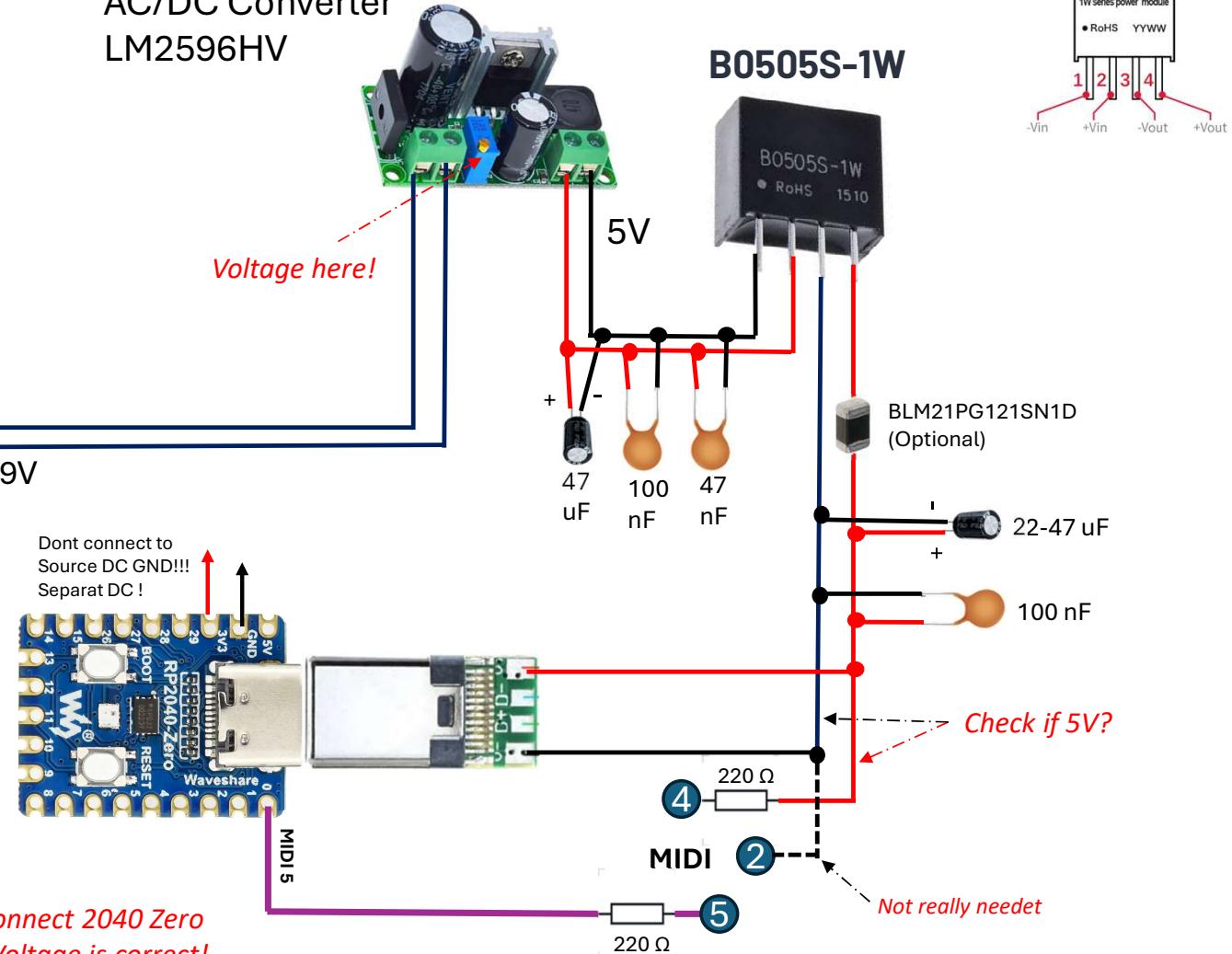


## Power Supply PLAN B



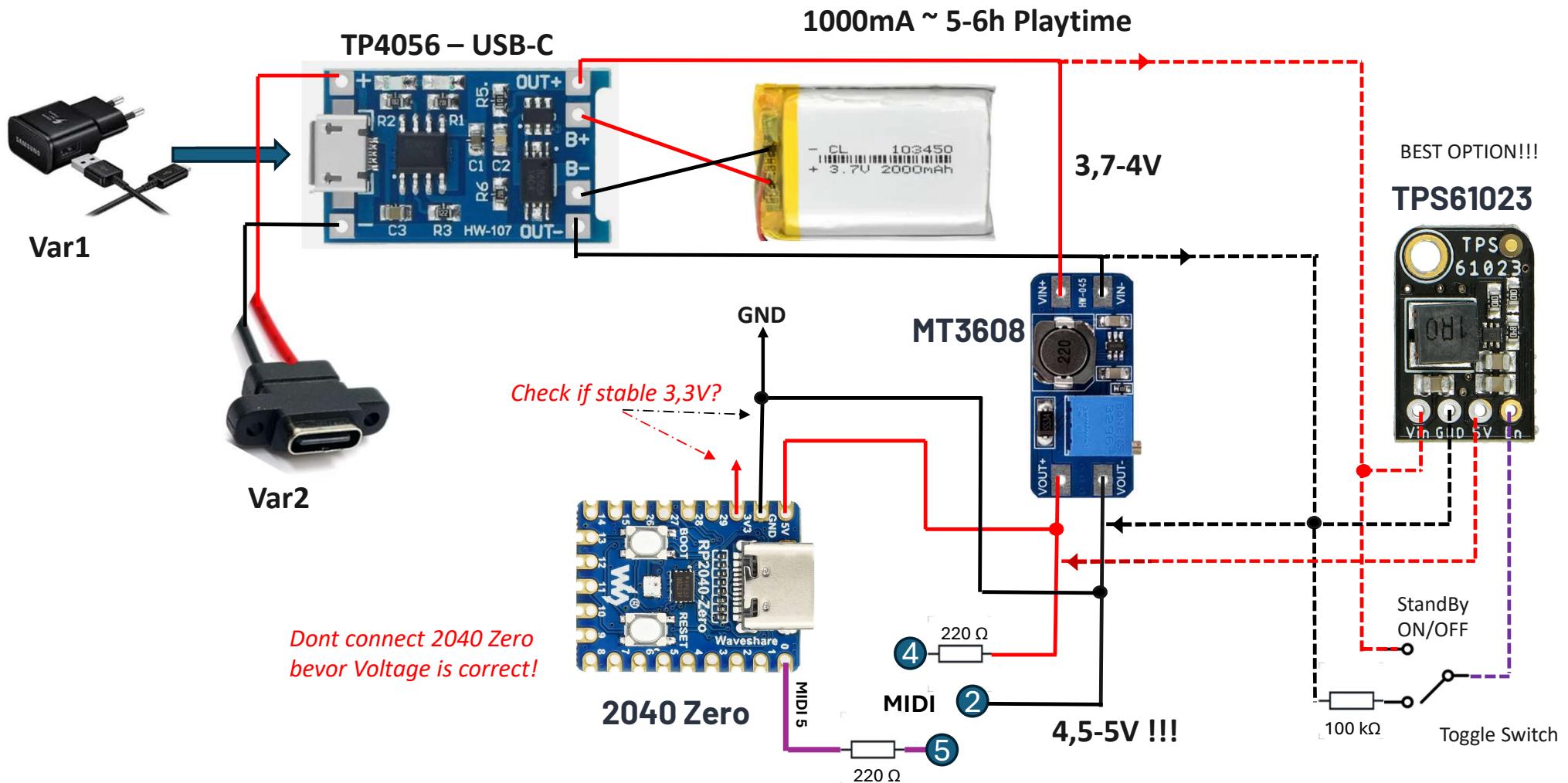
Dont connect 2040 Zero  
bevor Voltage is correct!

AC/DC Converter  
LM2596HV

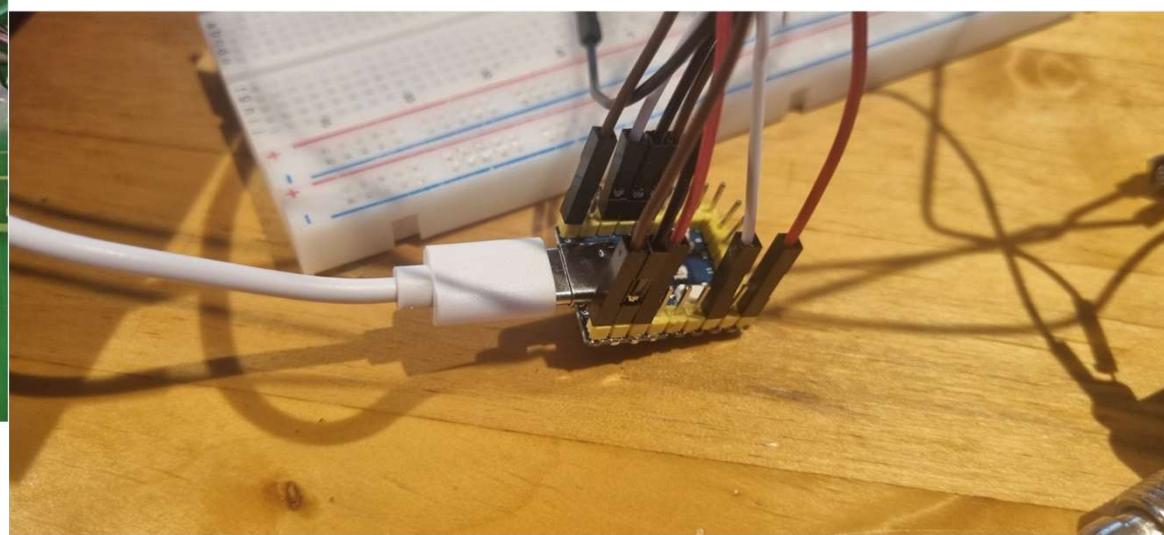
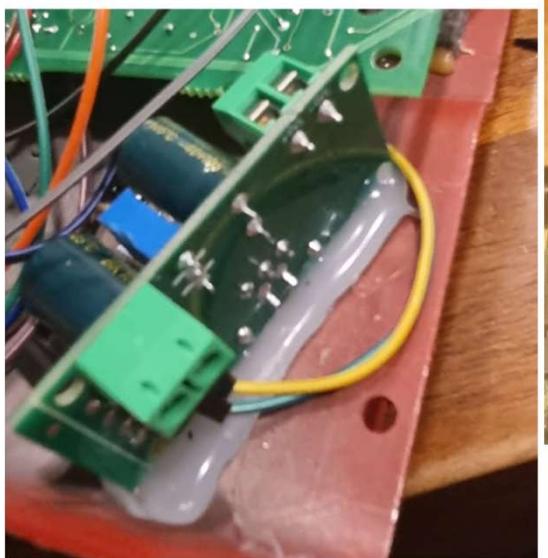
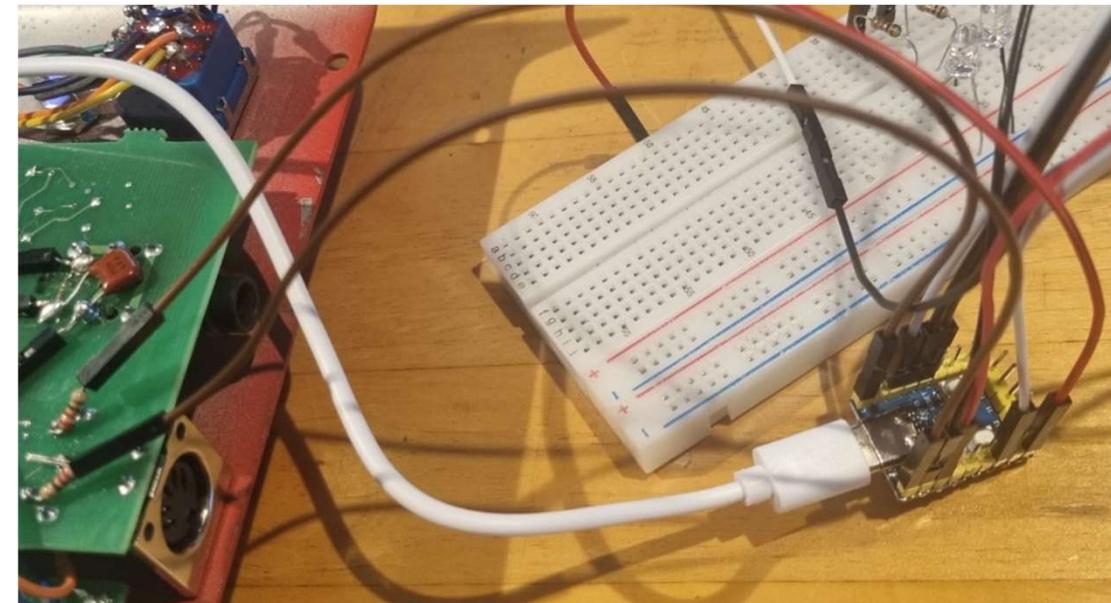
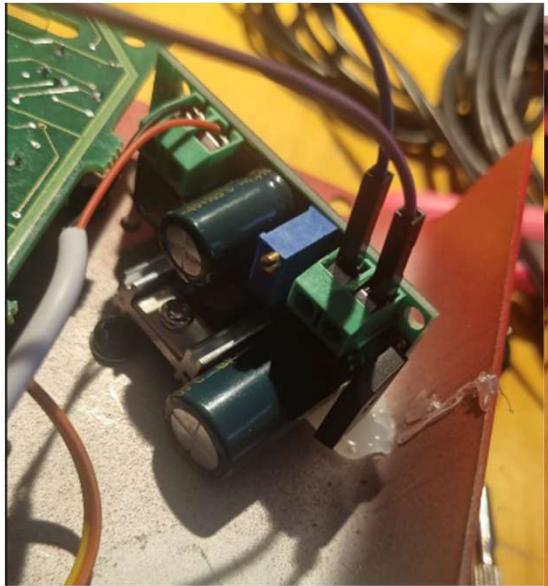


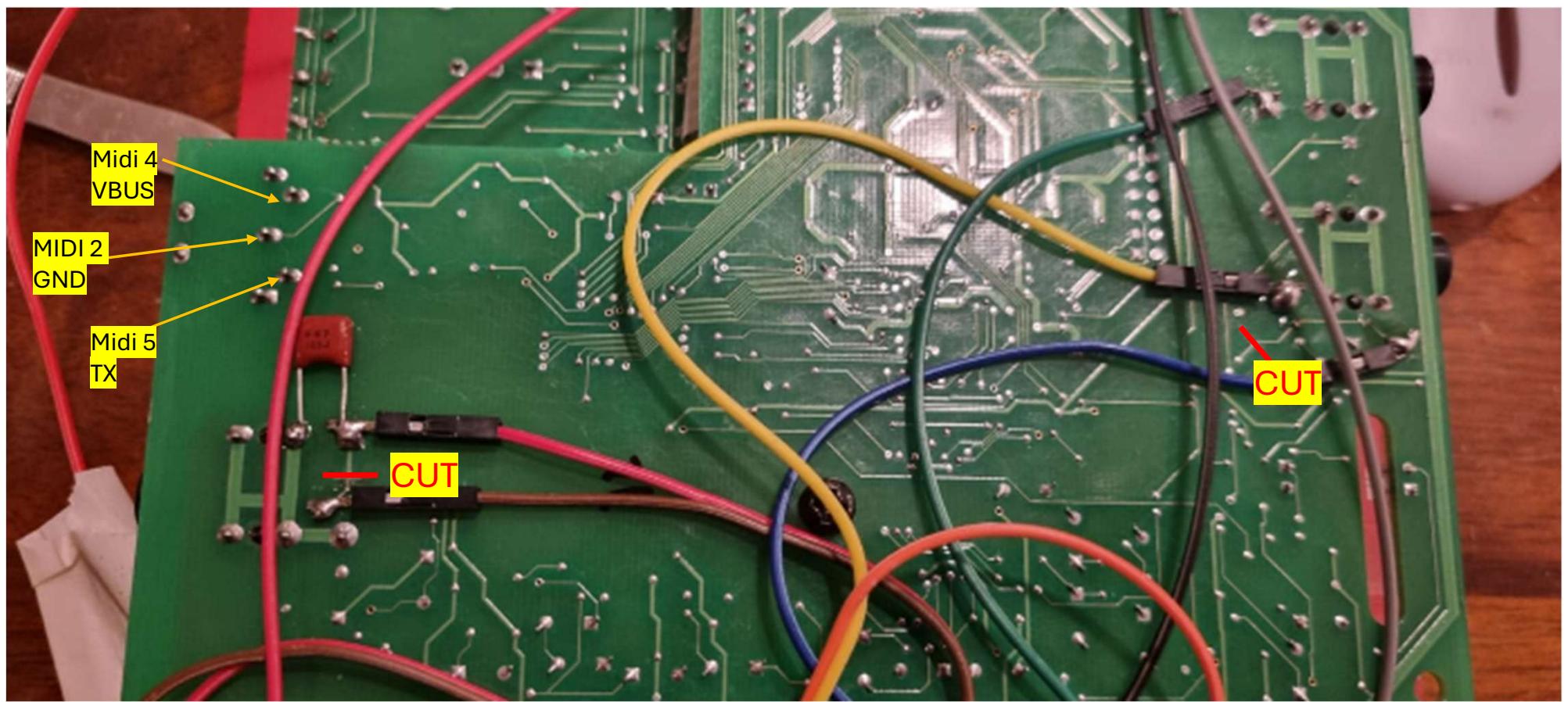
## Power Supply PLAN C

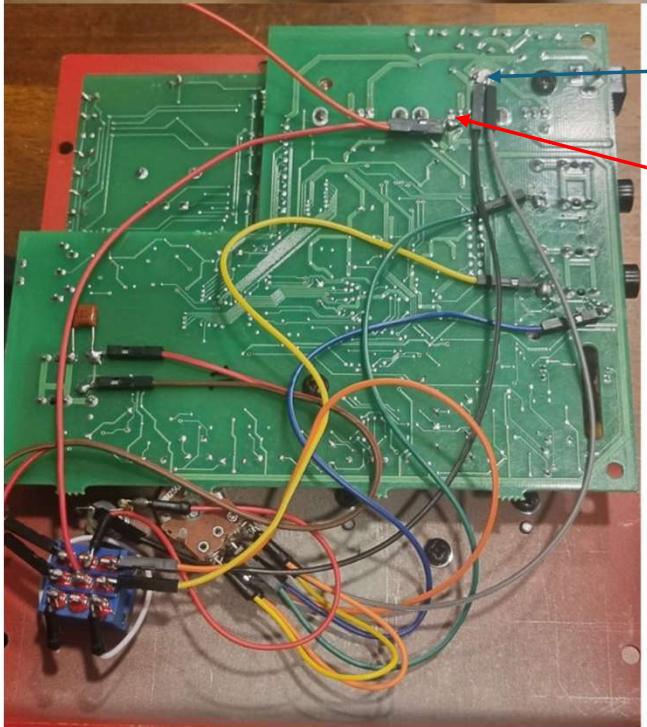
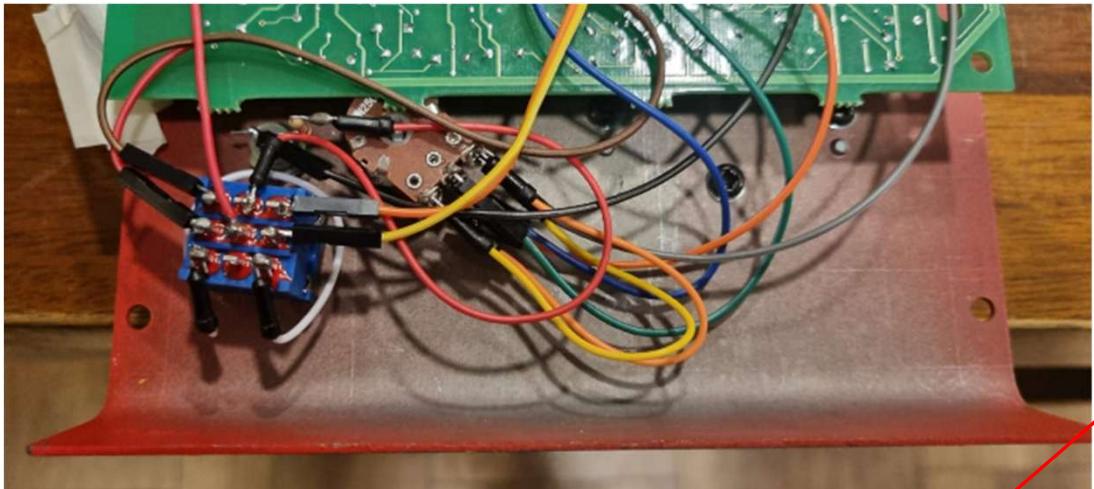
MT3605 OR TPS61023



## Power Supply Test

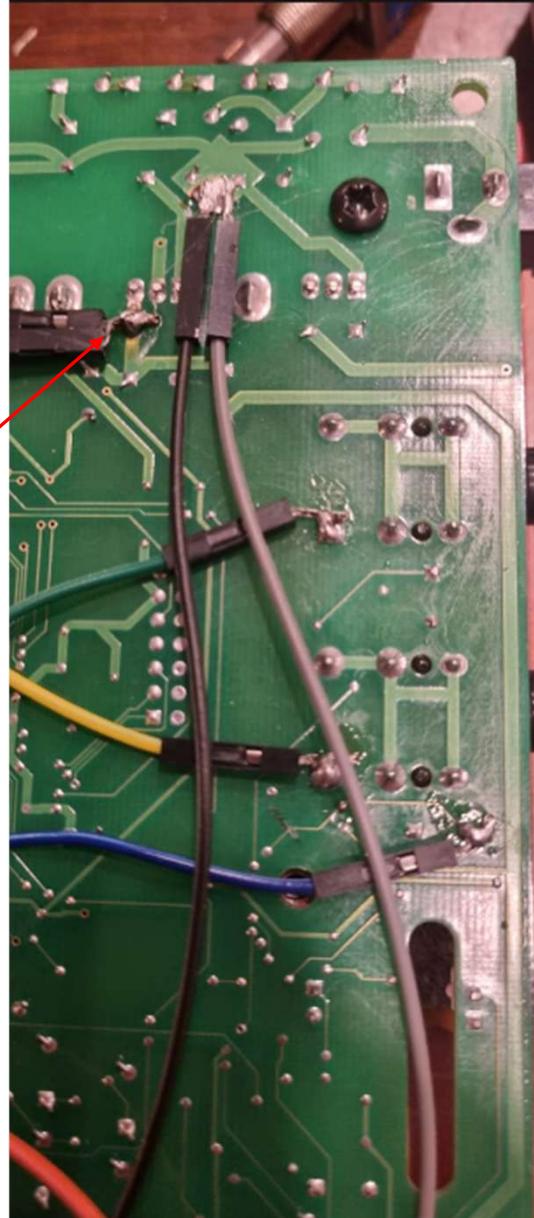


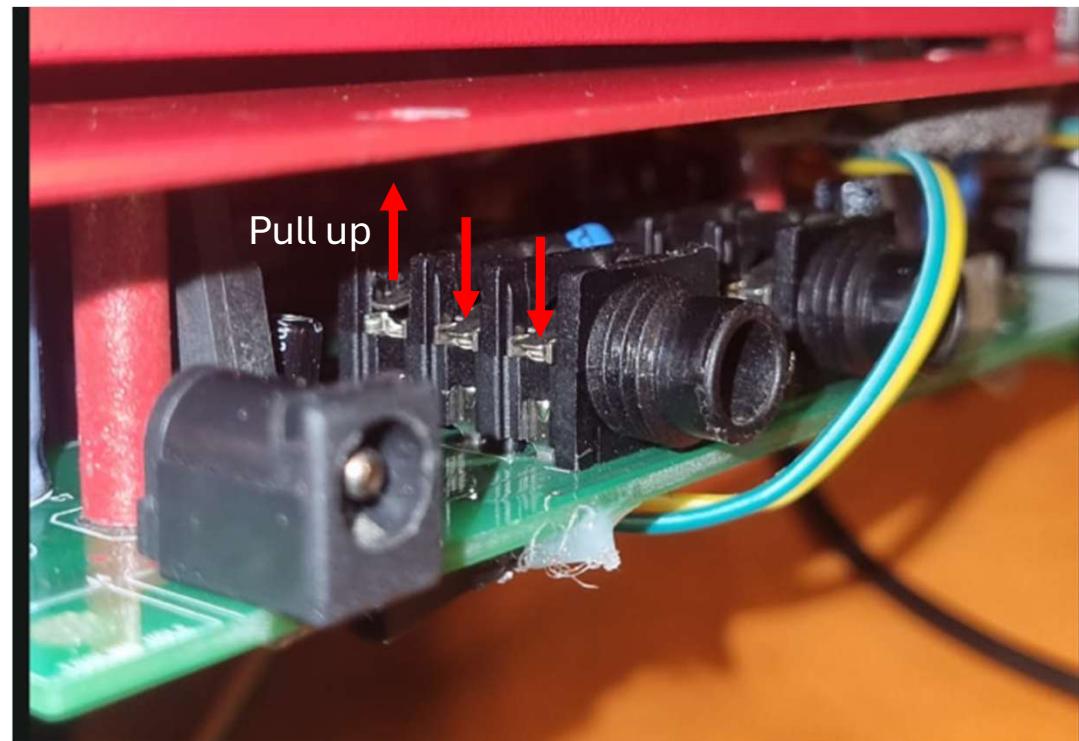
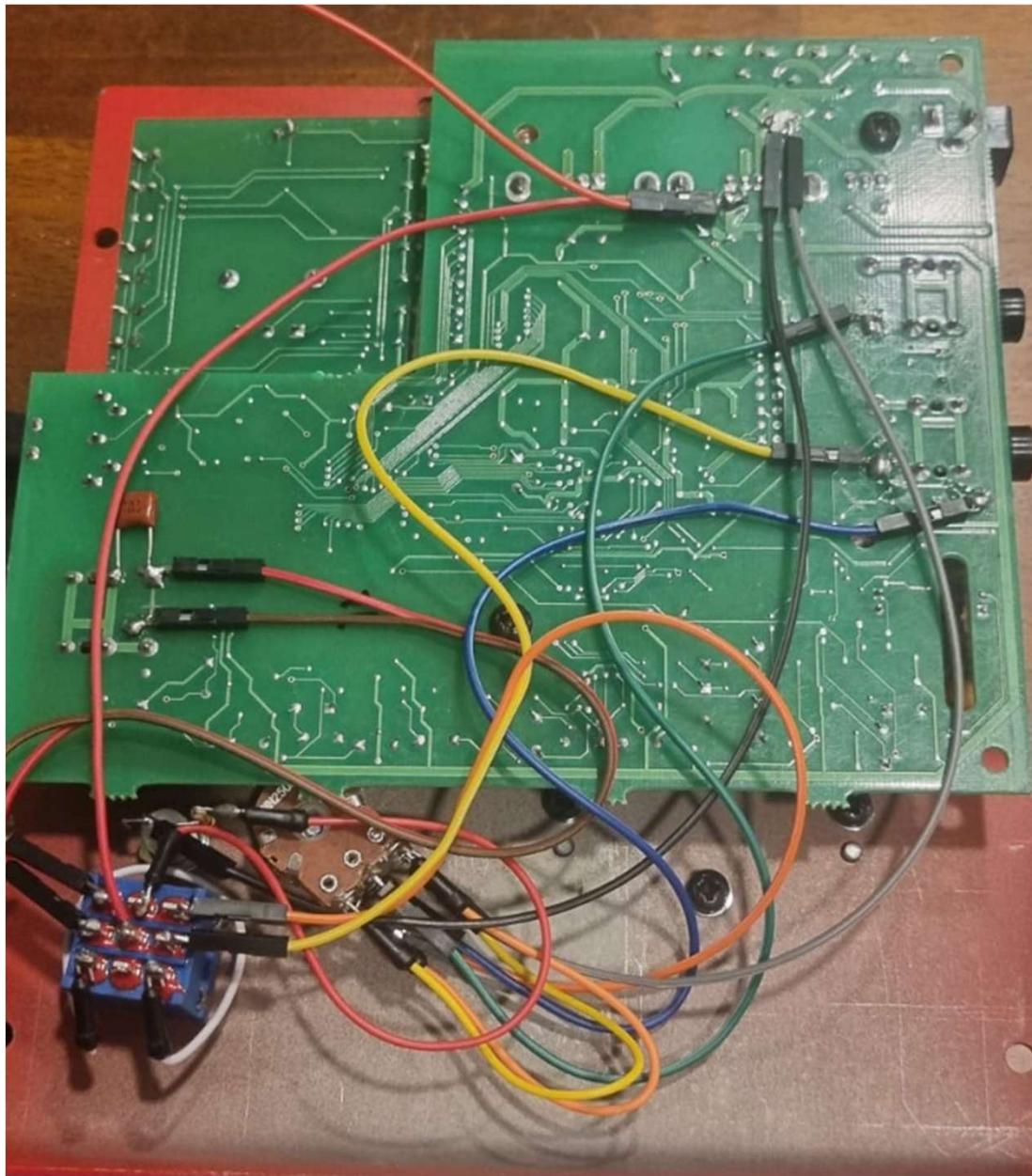




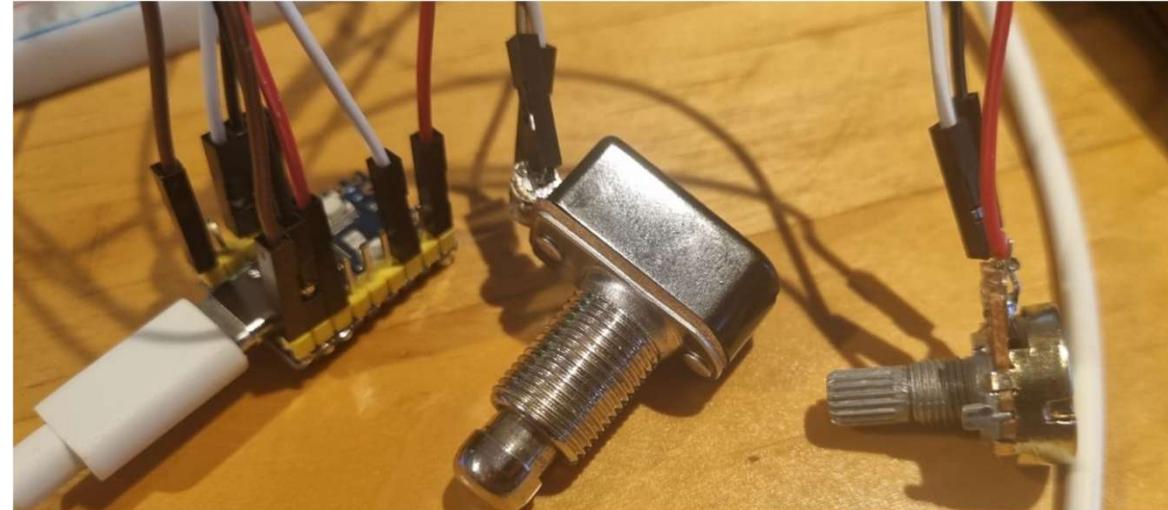
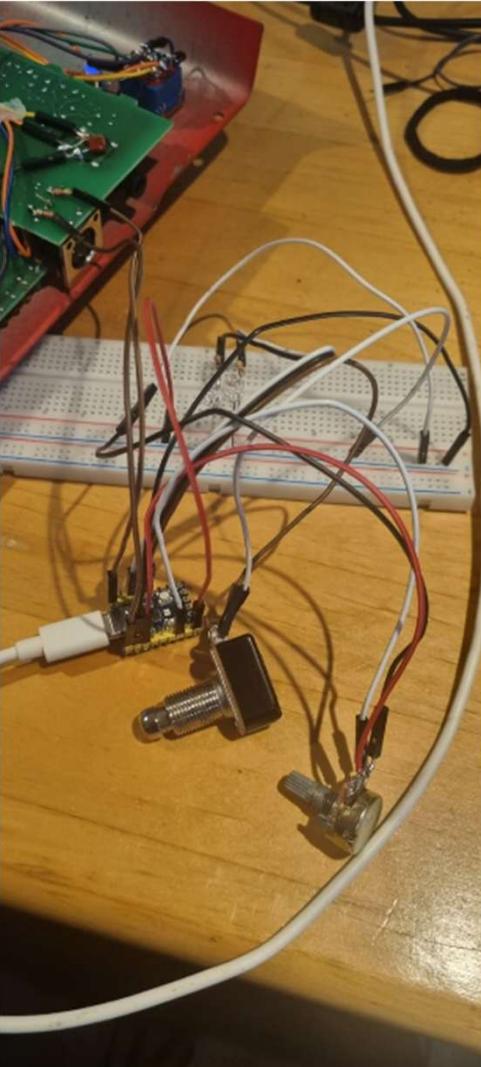
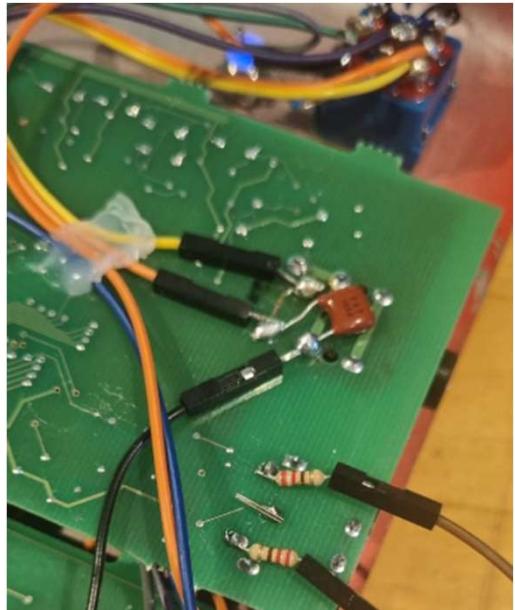
GND LED  
HERE!!!

+5V LED  
HERE!!!





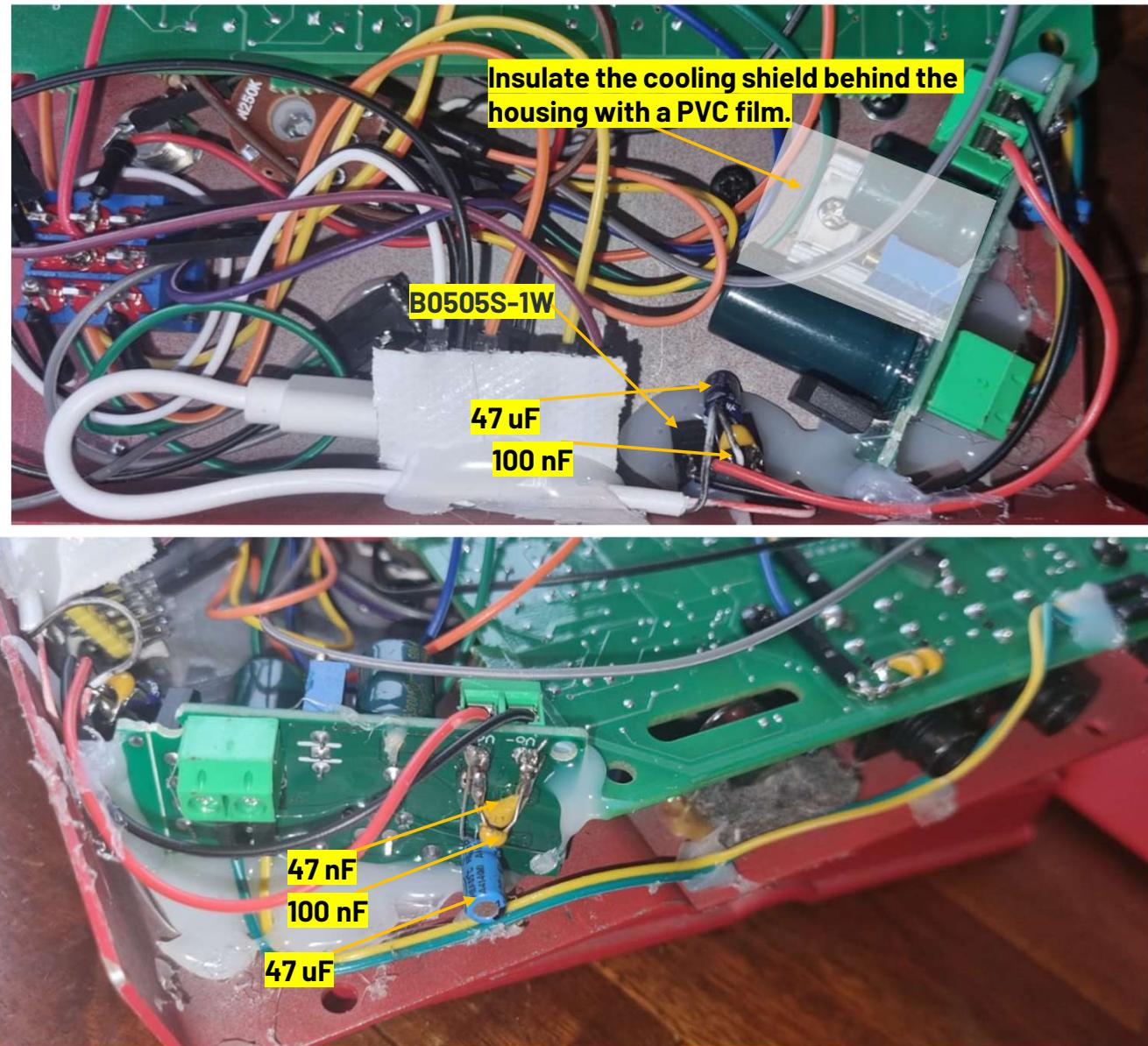
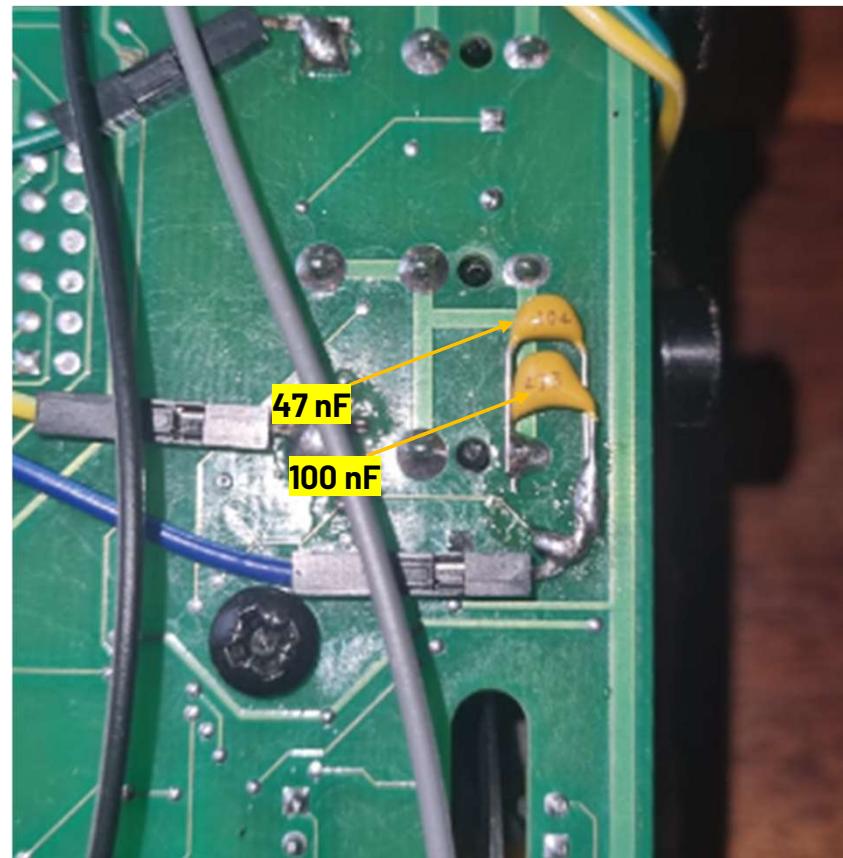
## Midi Test



<https://youtube.com/shorts/wjgEext1rCg>

- 2 combinable effect presets

## Anti- Noise-Filter



## Final Front/Back

Flash NEO  
Software

