

Whammy 4 - NEO – Version 1.10  
By melatroid

Working Pre-Final Version

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Calibration

Midi Access

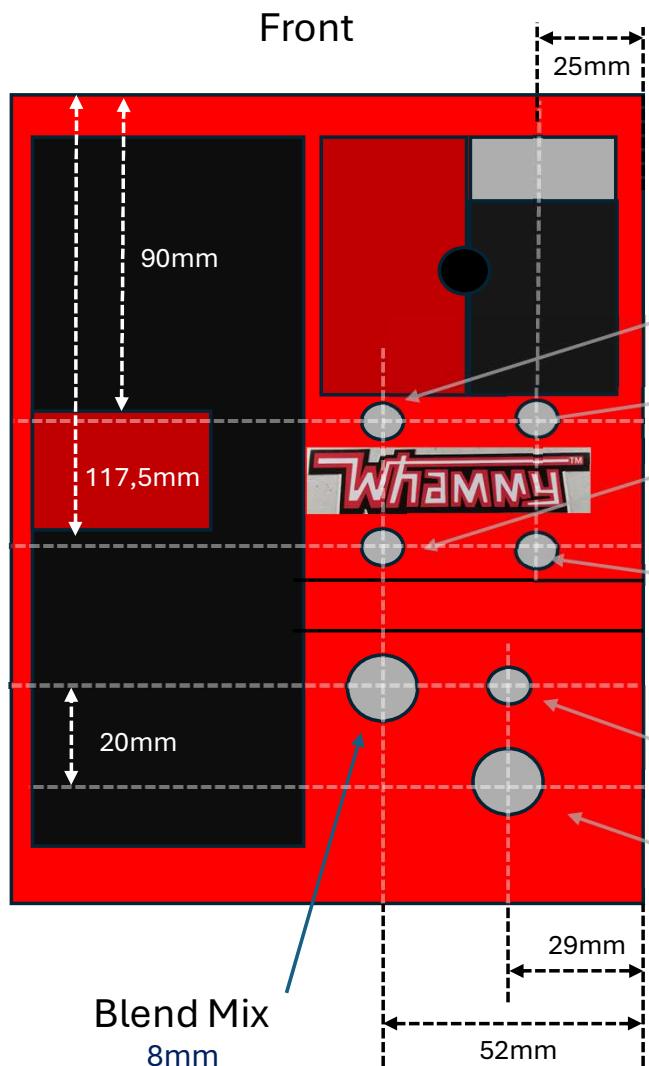
Time

Momantary / Change Effects

Blend Mix

LED On/OFF

Effect On/OFF



6mm  
Calibration Switch

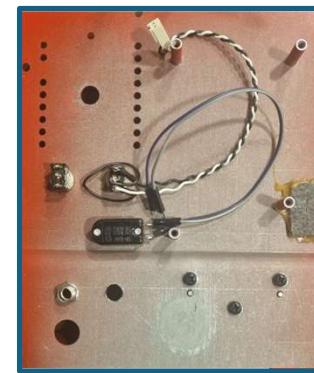
6mm  
Midi Access Switch

Momentary Switch  
12mm

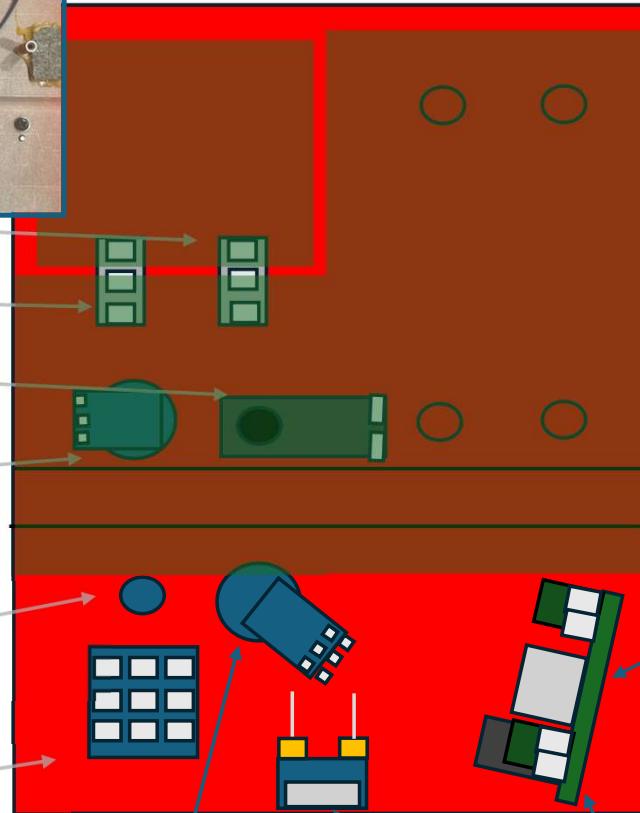
Poti 10KOhm  
7mm

LED  
7,5mm

3PDT  
10mm



**Back**



Glue it!

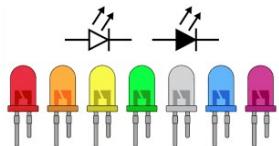
Blend Mix  
8mm

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

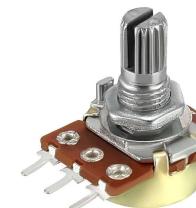
B0505S-1W



AC/DC  
LM2596HV

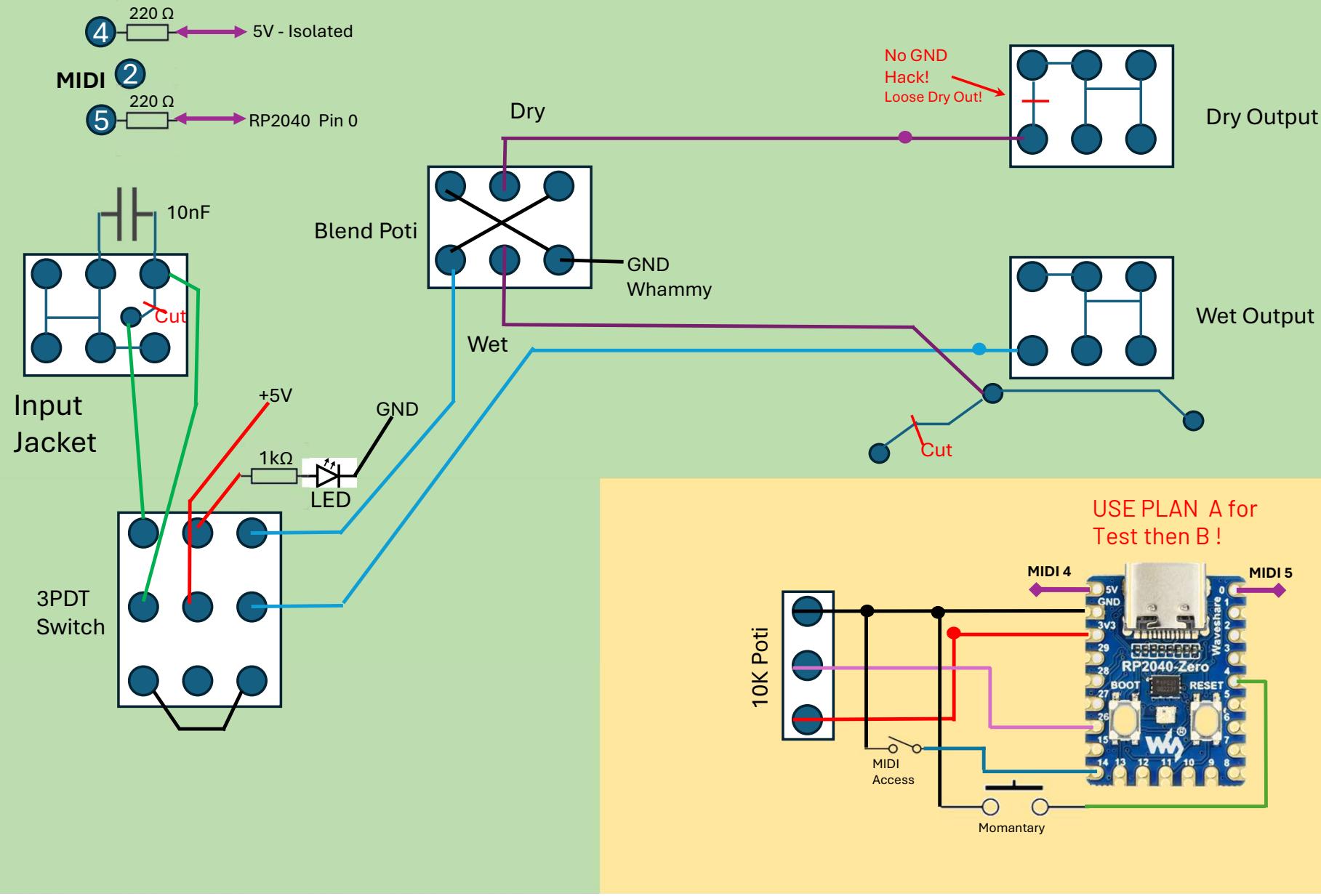


10KΩ

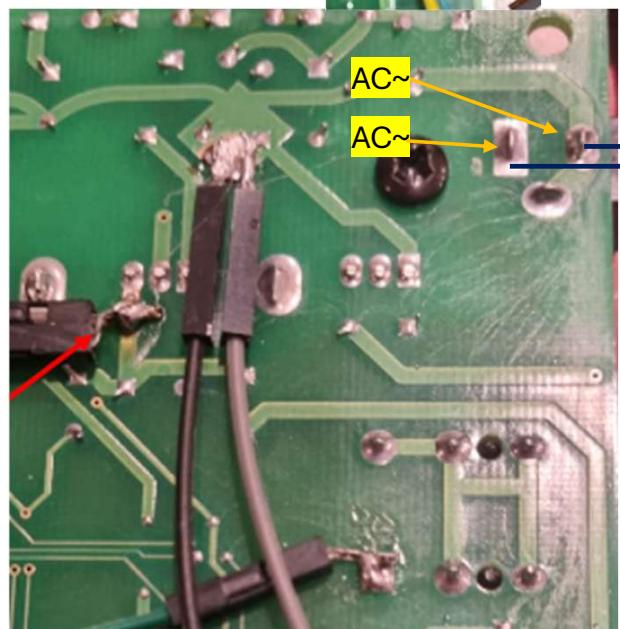


Raspberry Pi  
2040 Zero





## Power Supply PLAN A TEST ONLY!



AC/DC Converter  
LM2596HV



~9V

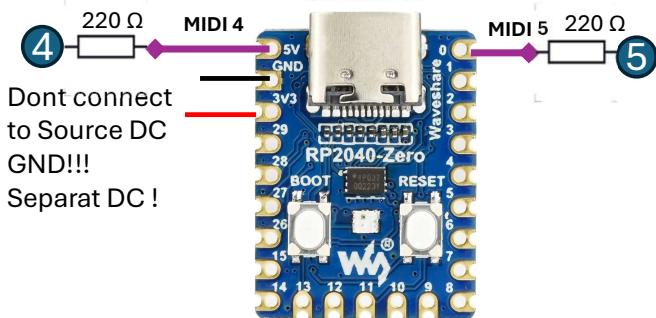
Get a new fix!!!  
Look Plan B/C

5V +/- !!!

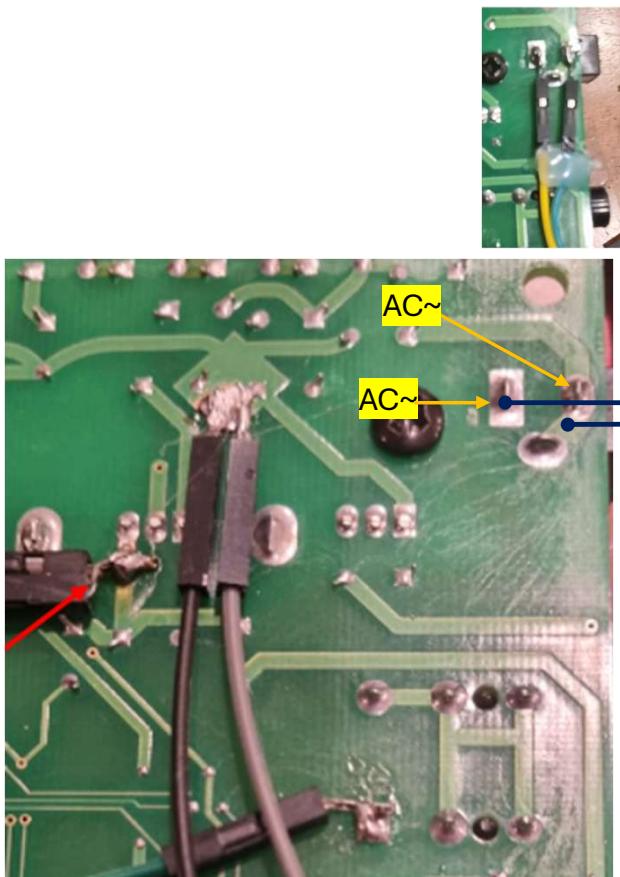
USB Type-C

4

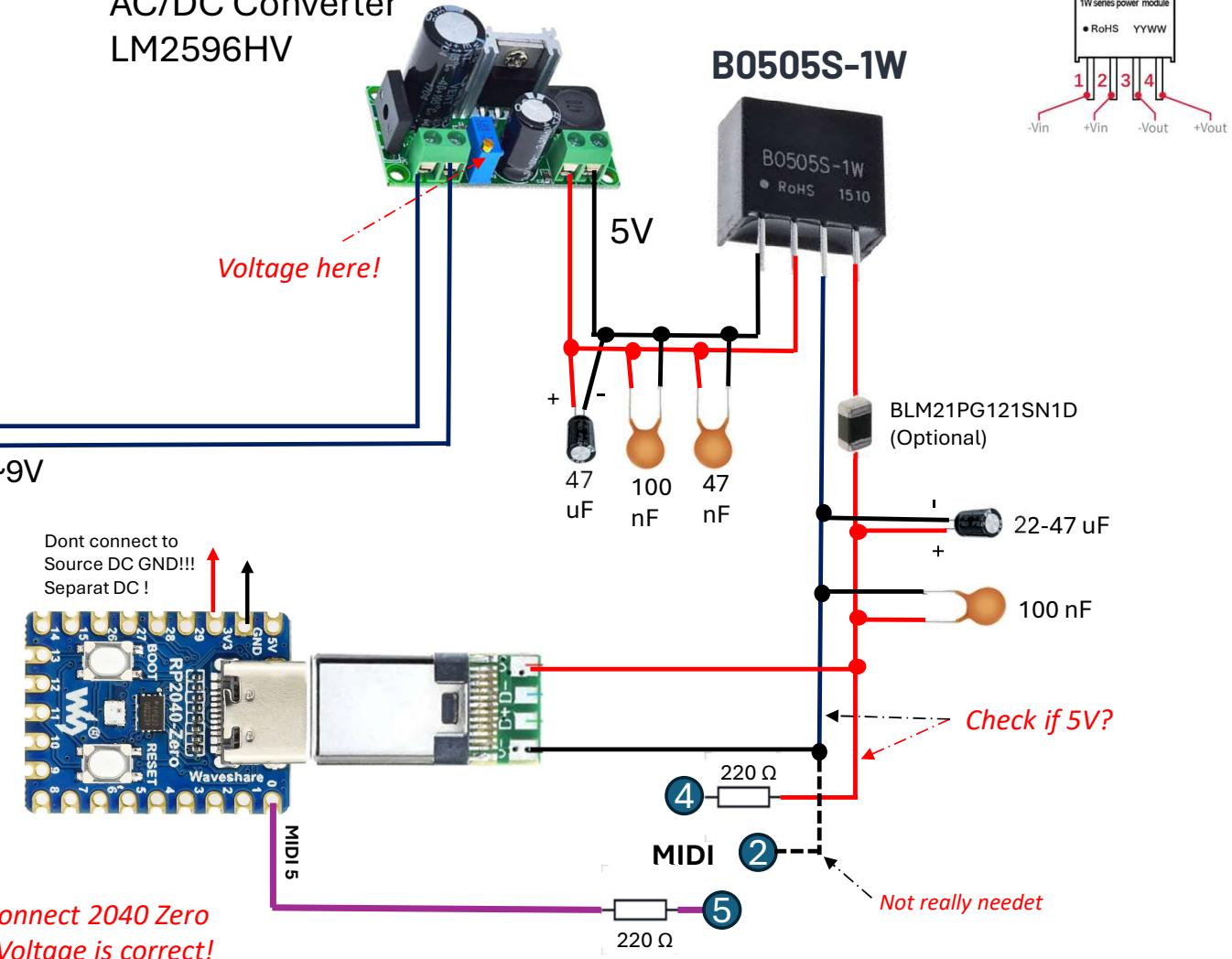
220  $\Omega$   
MIDI 4  
Dont connect  
to Source DC  
GND!!!  
Separate DC !



# Power Supply PLAN B

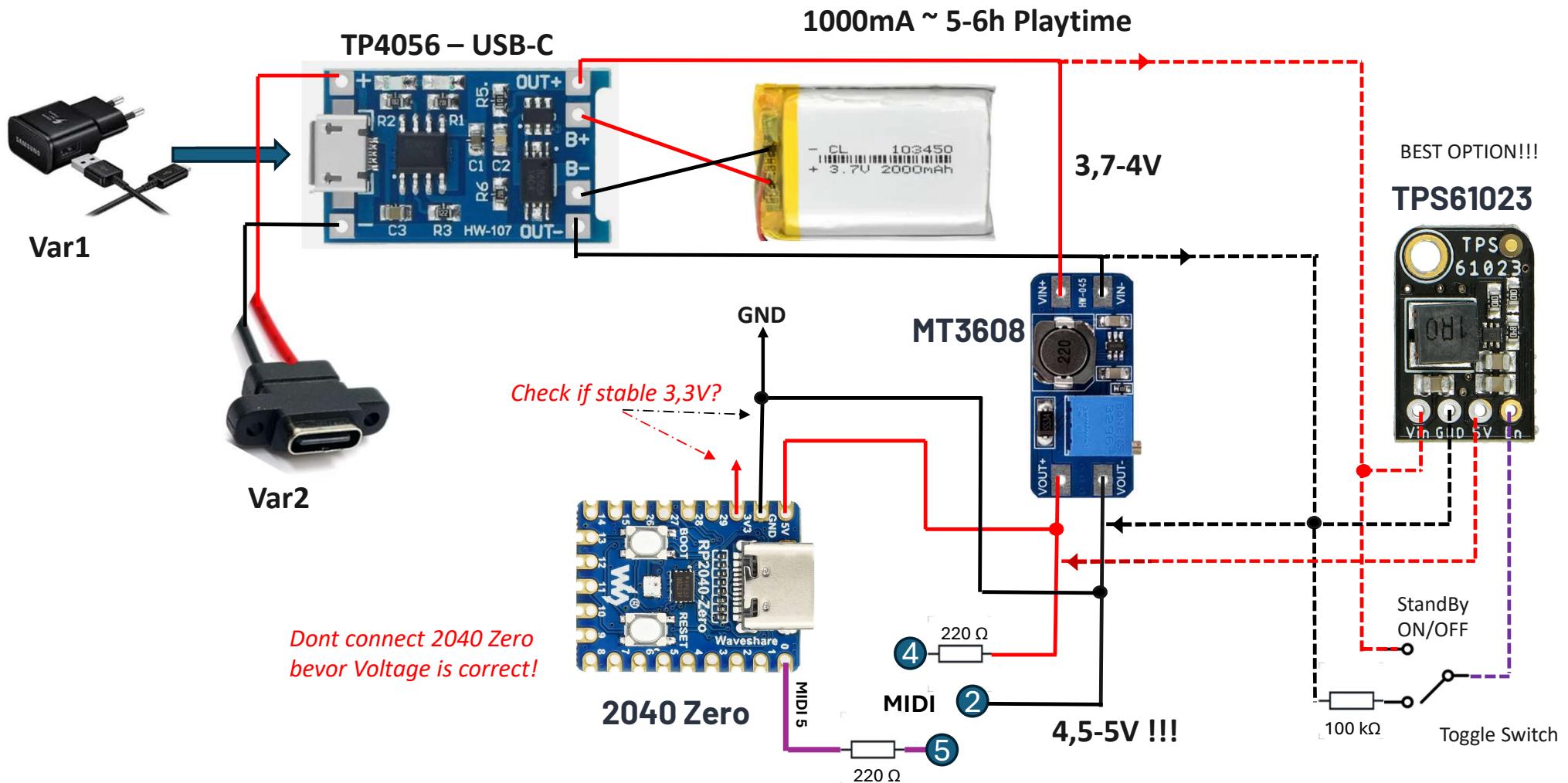


# AC/DC Converter LM2596HV

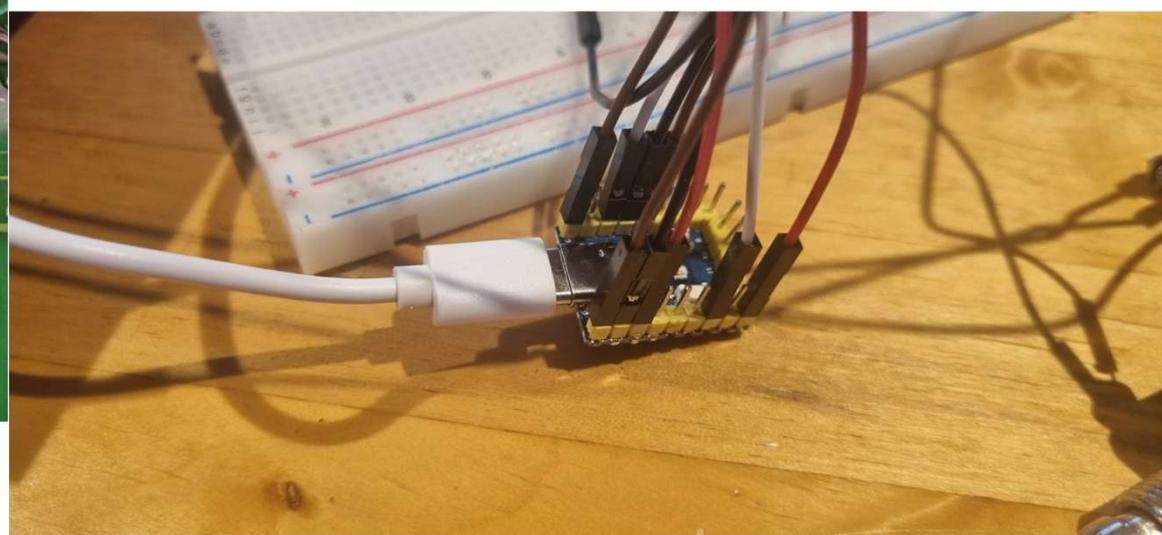
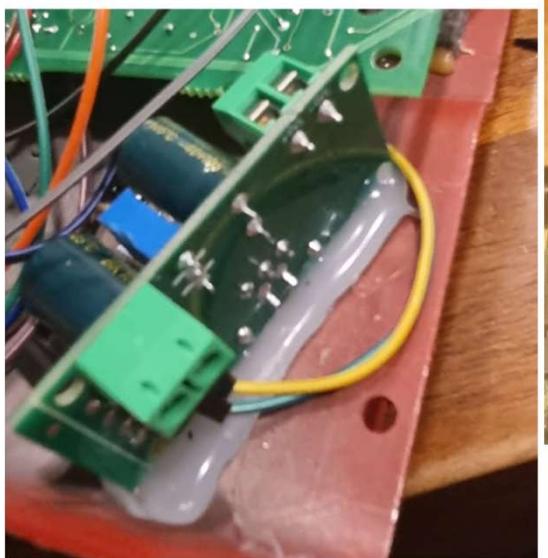
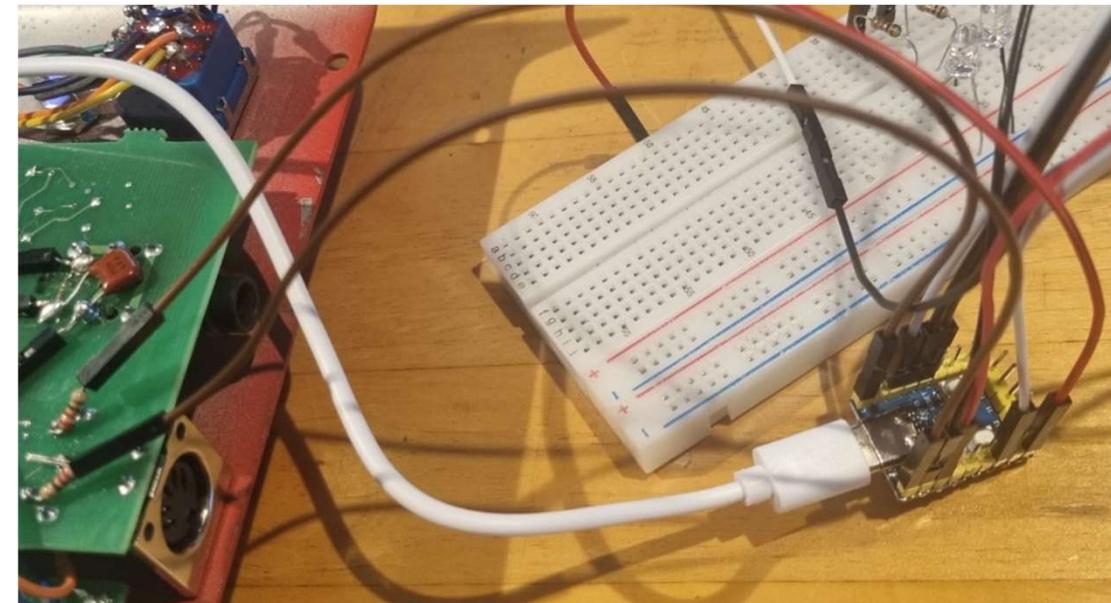
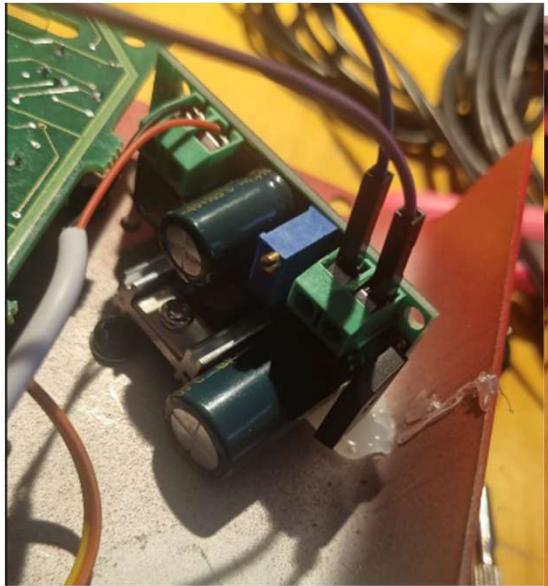


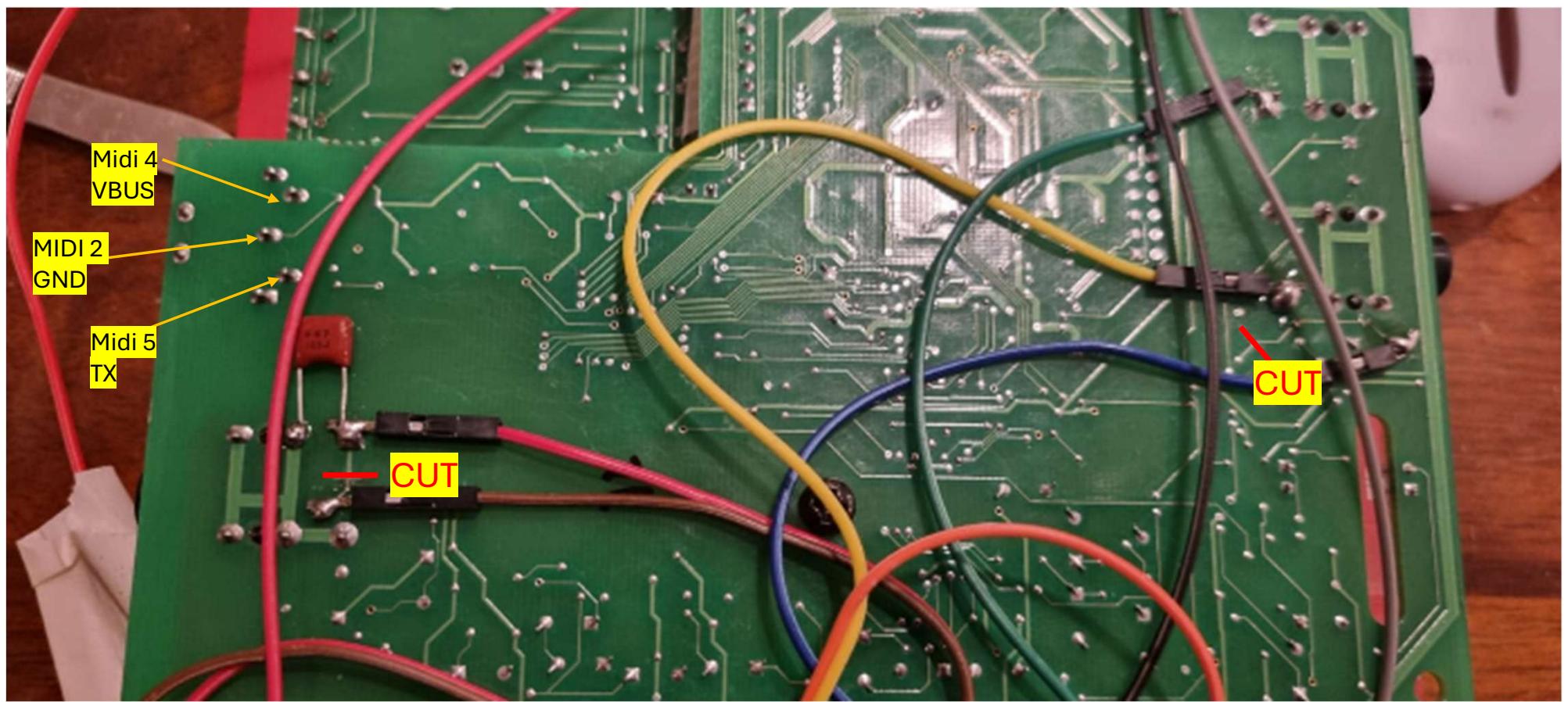
## Power Supply PLAN C

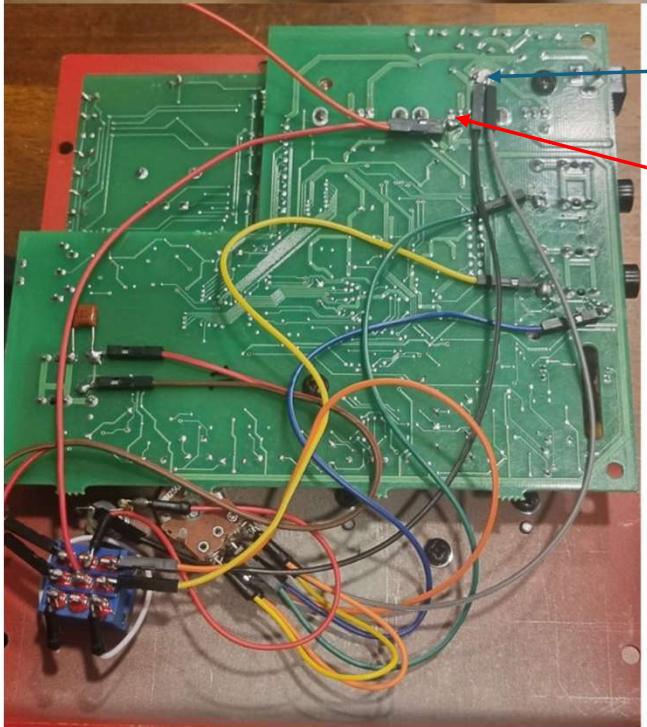
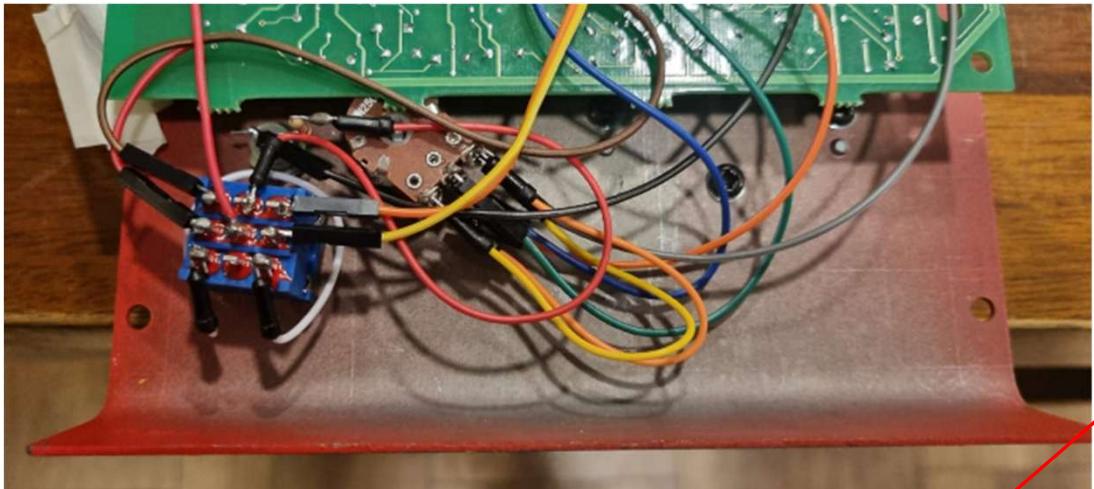
MT3605 OR TPS61023



## Power Supply Test

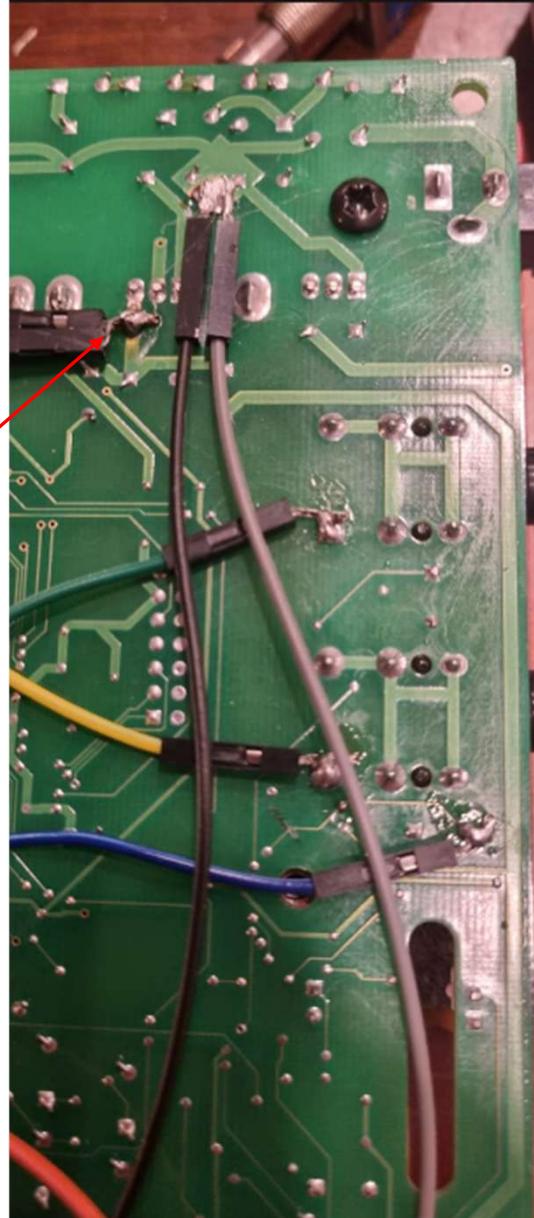


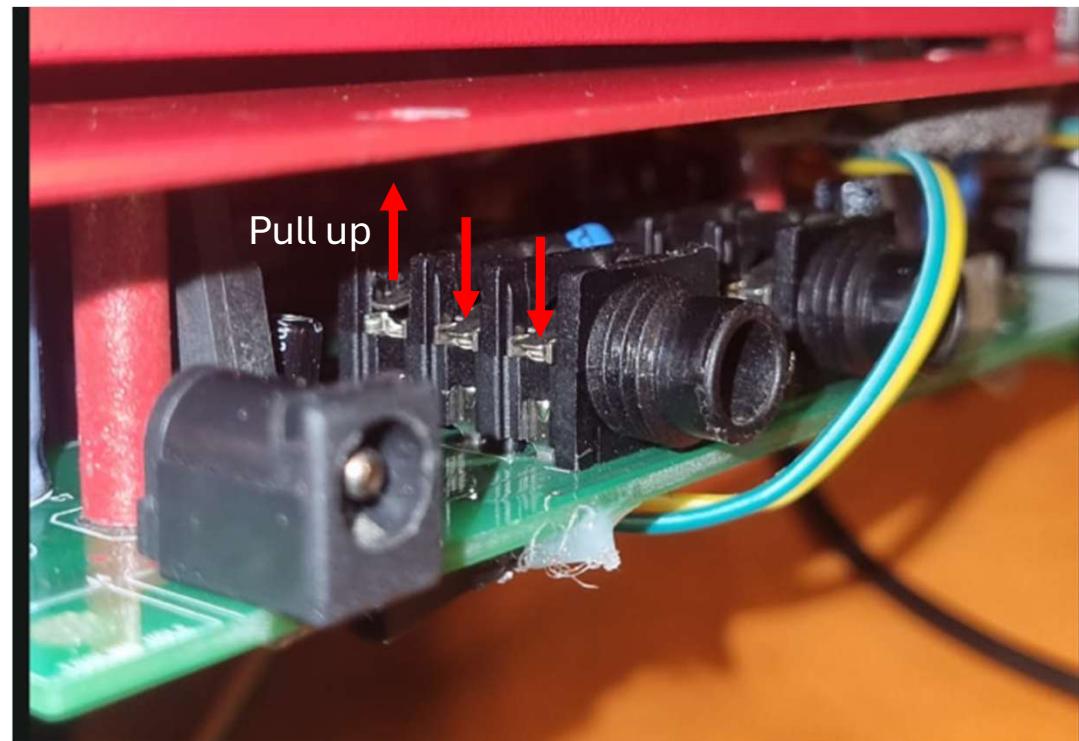
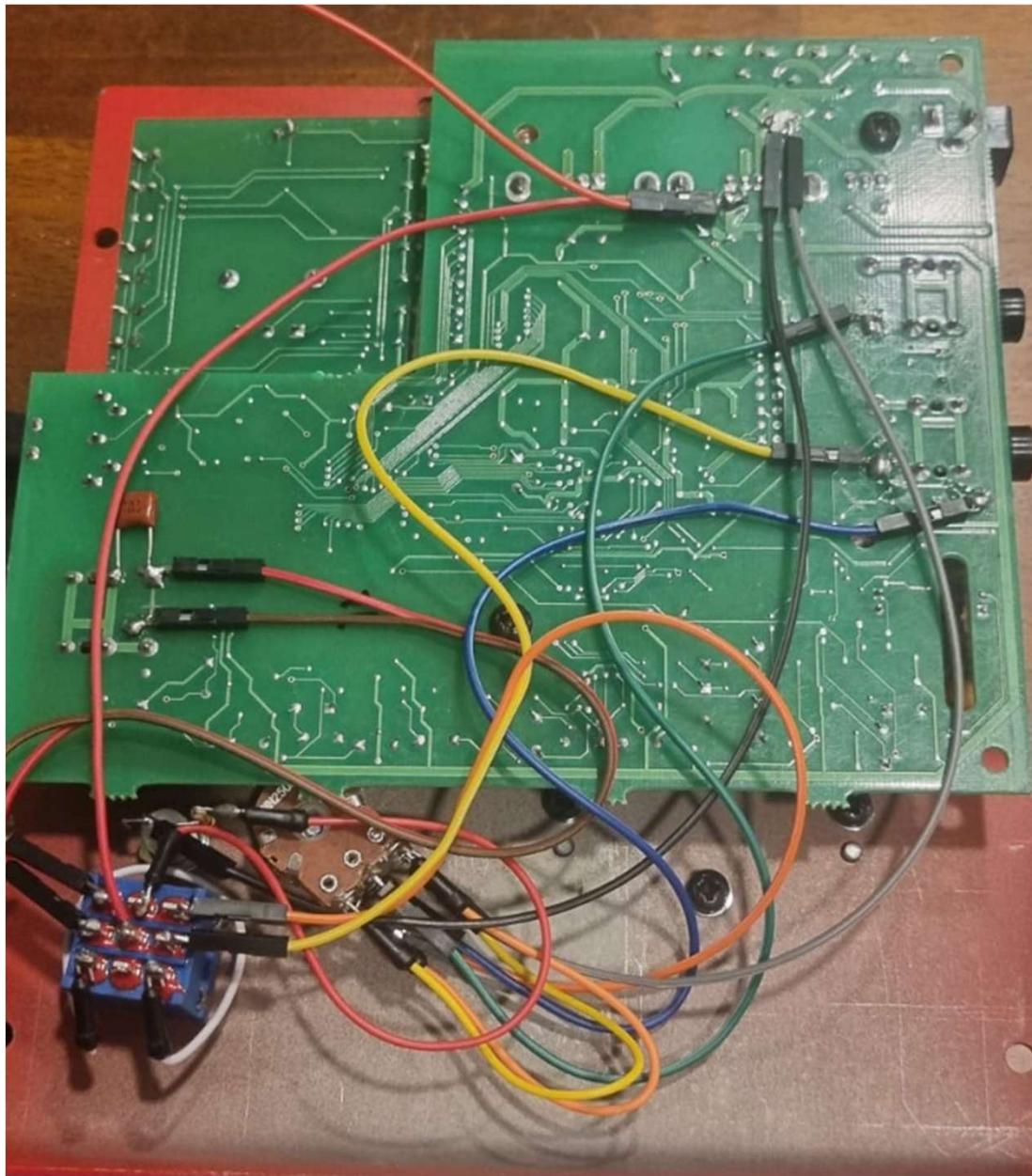




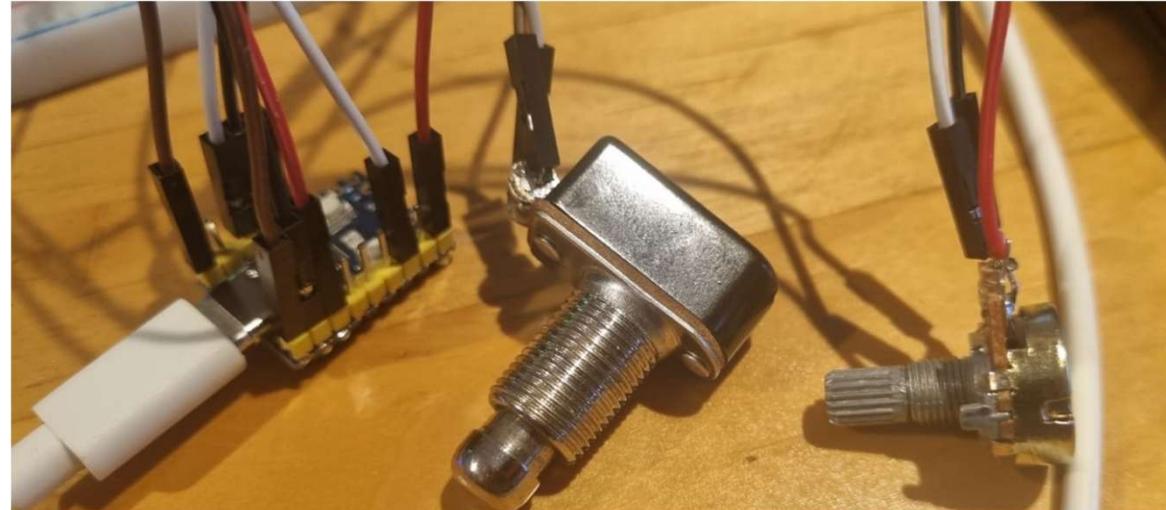
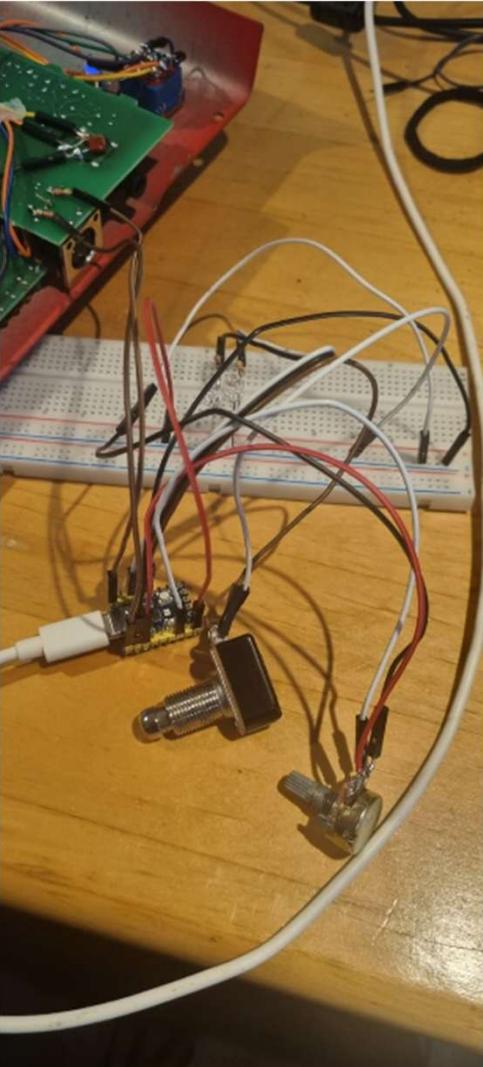
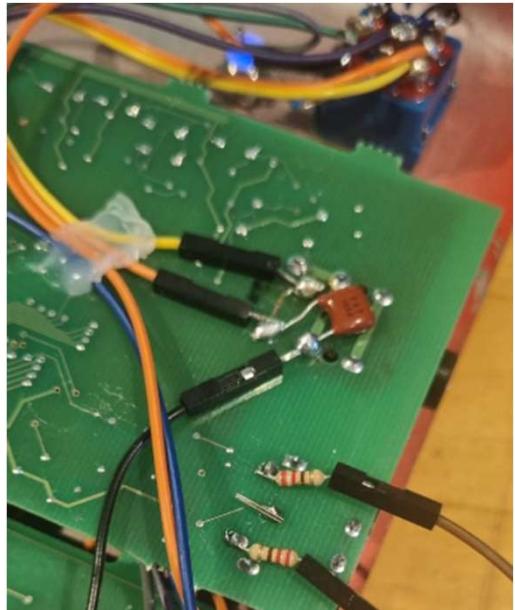
GND LED  
HERE!!!

+5V LED  
HERE!!!





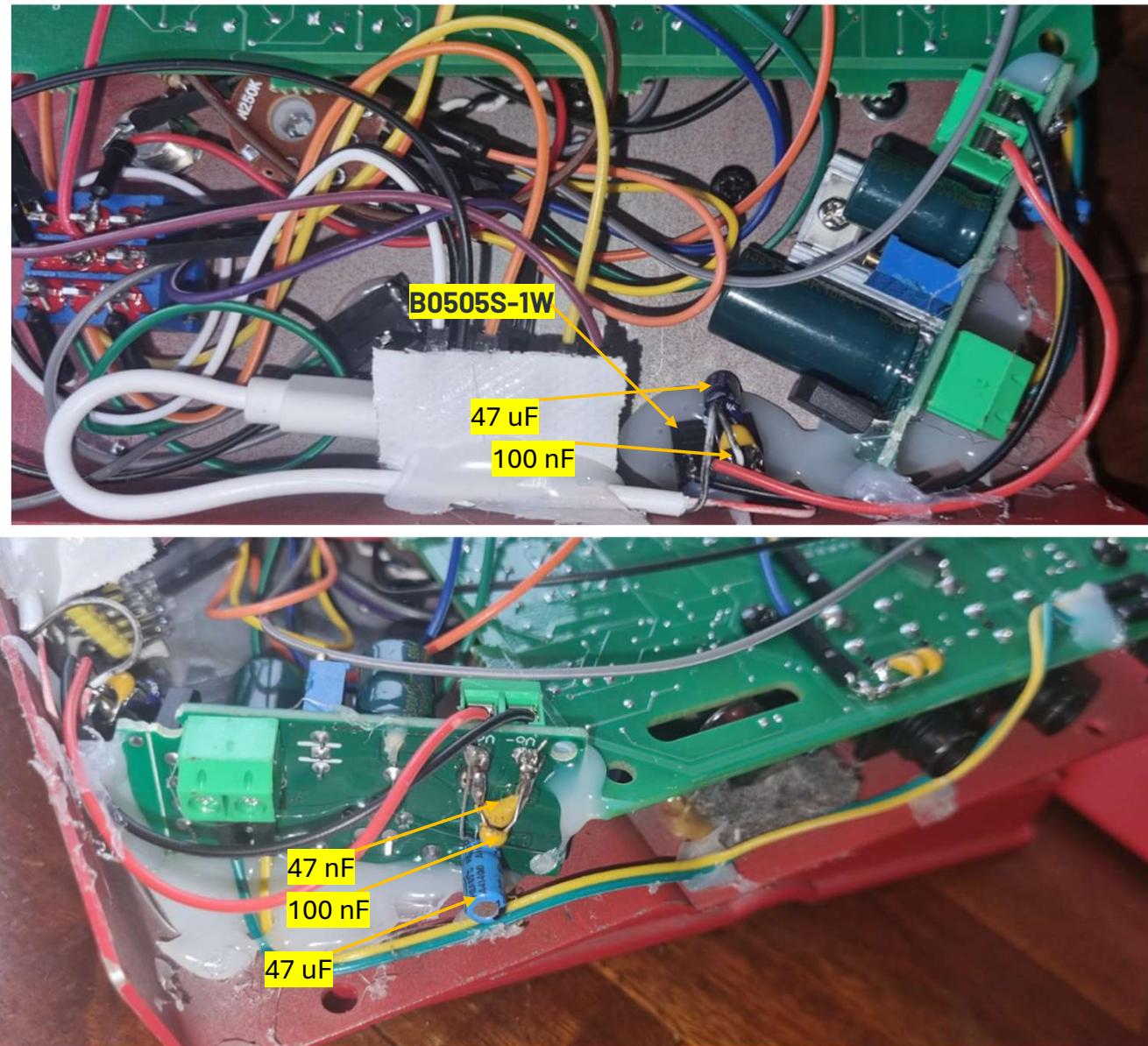
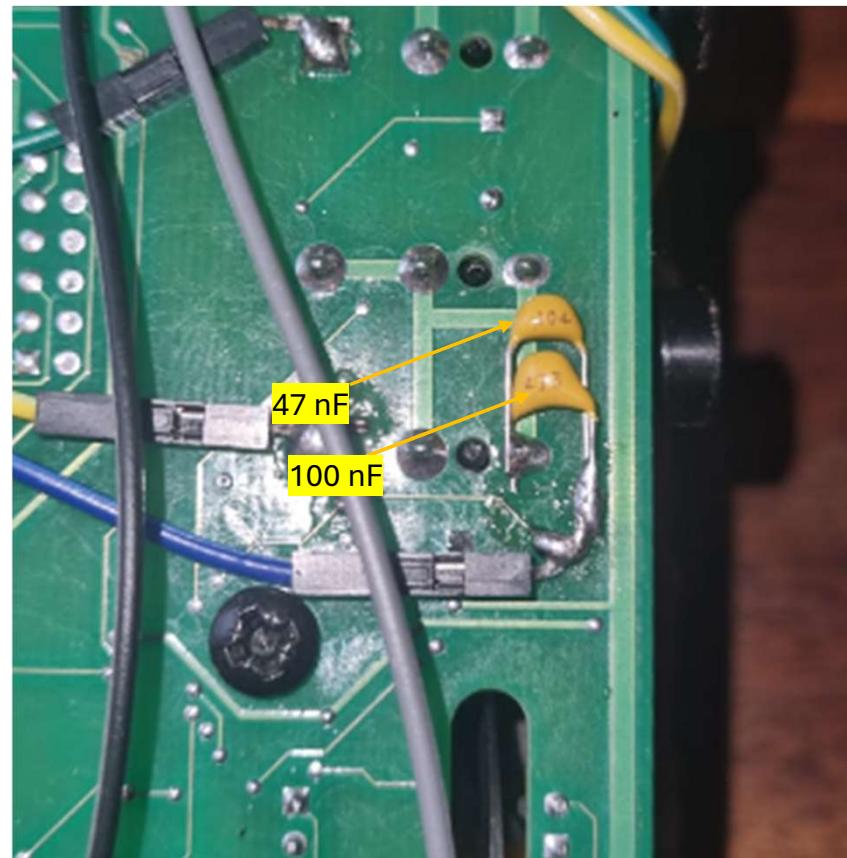
## Midi Test



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

- 2 combinable effect presets

## Anti- Noise-Filter



## Final Front/Back

Flash NEO  
Software

