

Whammy 4 - NEO – Version 1.10
By melatroid

Working Pre-Final Version

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Calibration

Midi Access

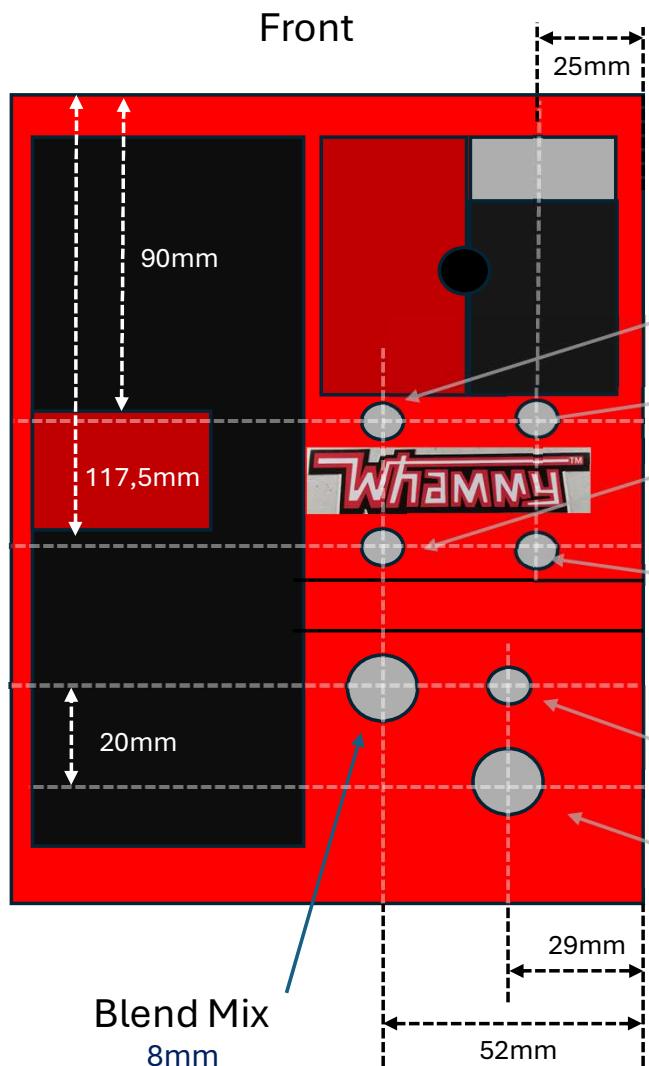
Time

Momantary / Change Effects

Blend Mix

LED On/OFF

Effect On/OFF



6mm
Calibration Switch

6mm
Midi Access Switch

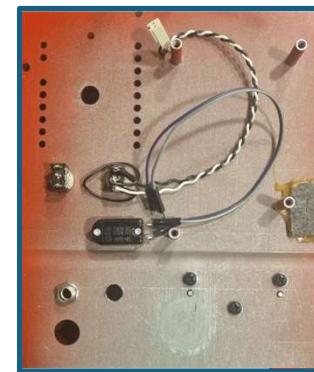
Momentary Switch
12mm

Poti 10KOhm
7mm

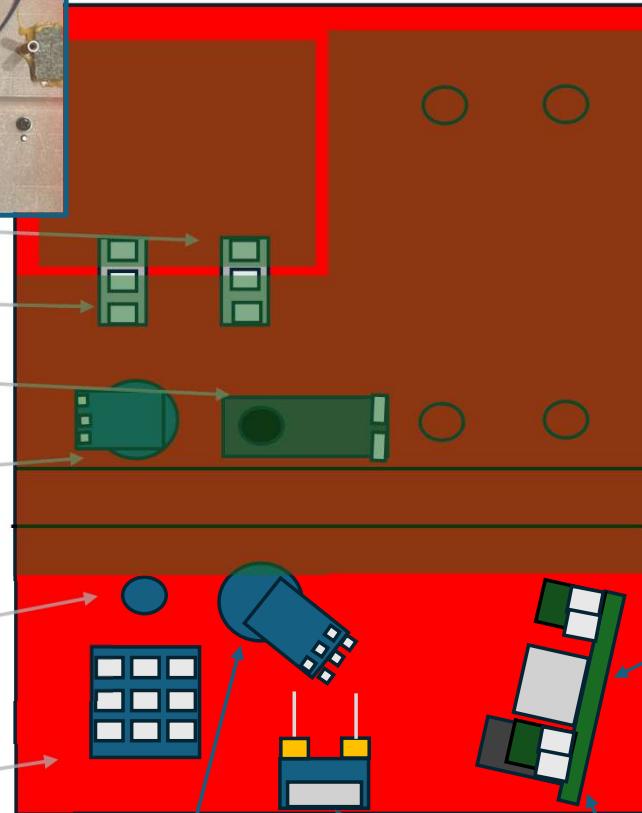
LED
7,5mm

3PDT
10mm

Blend Mix
8mm



Back



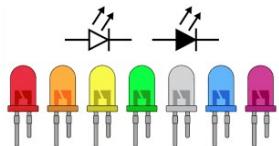
Glue it!

AC/DC
Power

Glue it!

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

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

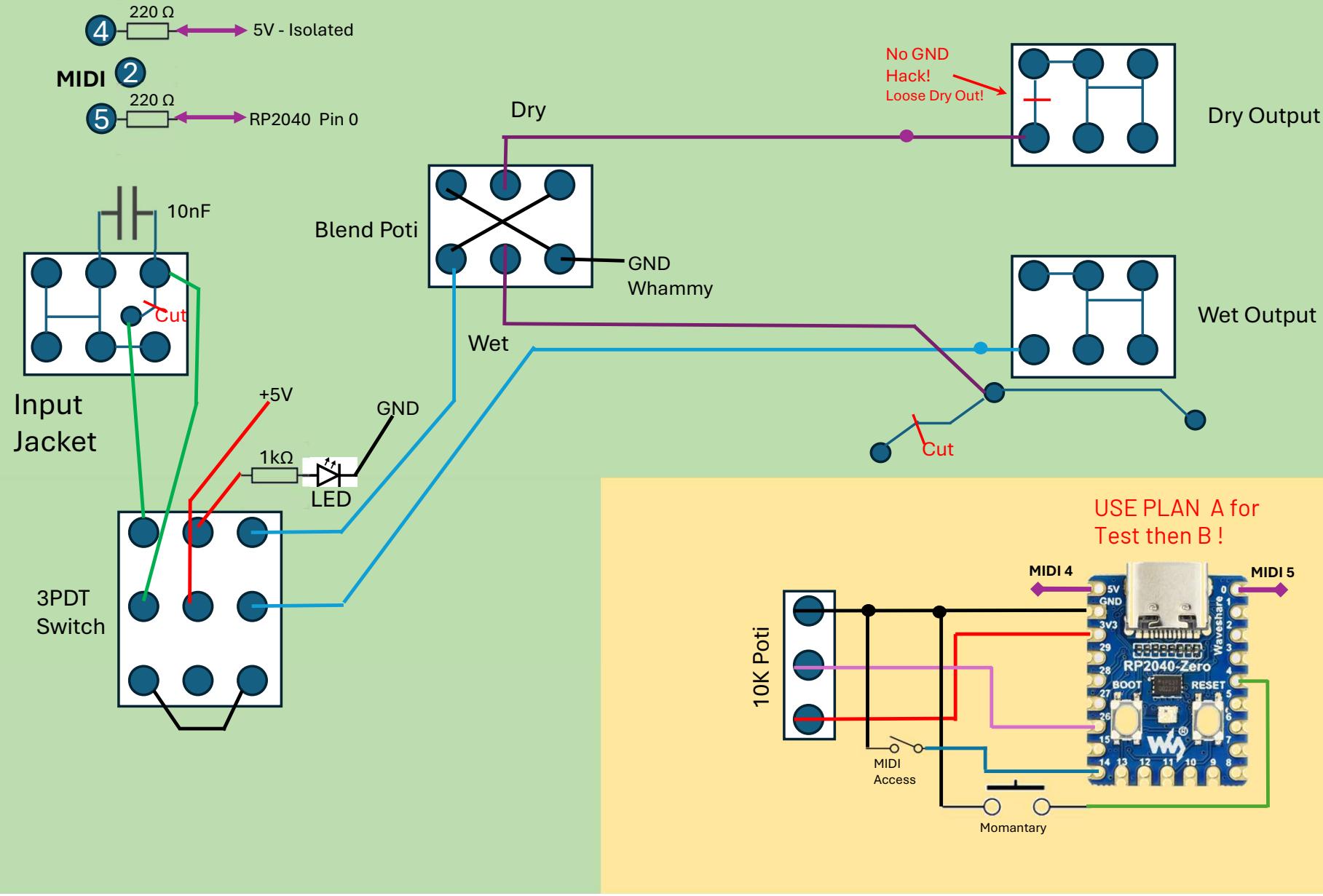


10KΩ

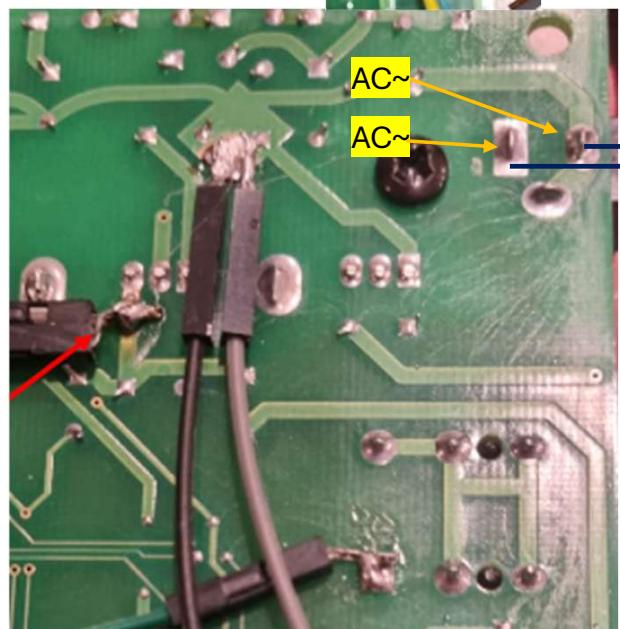


Raspberry Pi
2040 Zero





Power Supply PLAN A TEST ONLY!



AC/DC Converter
LM2596HV

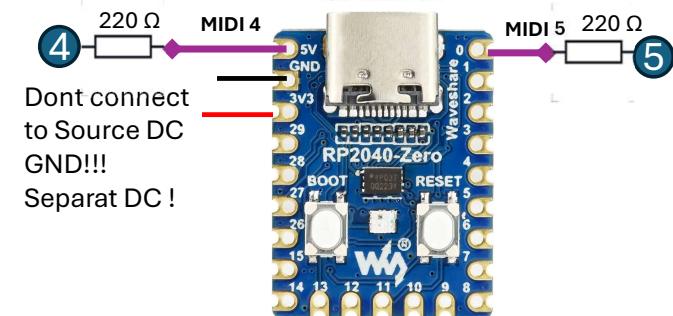


~9V

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

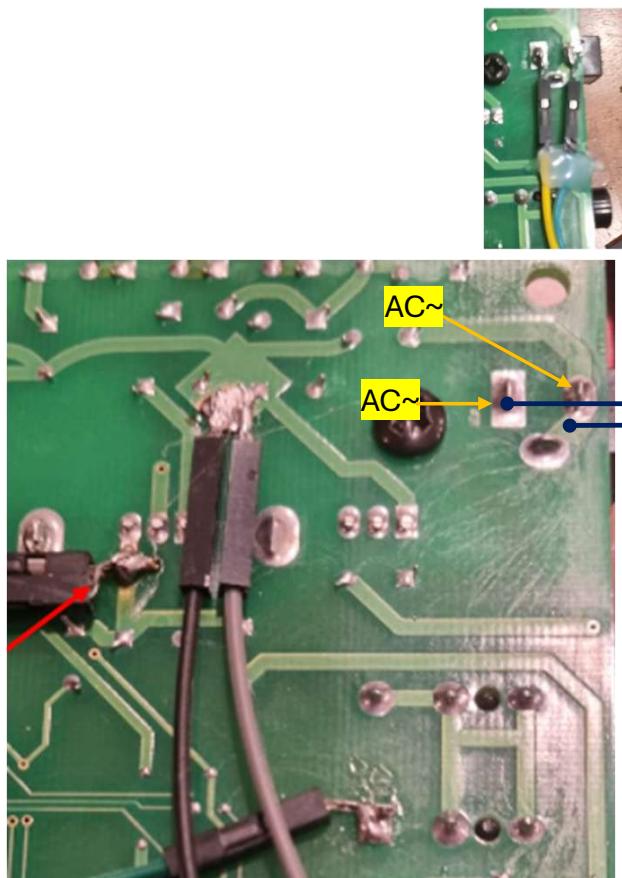
5V +/- !!!

USB Type-C

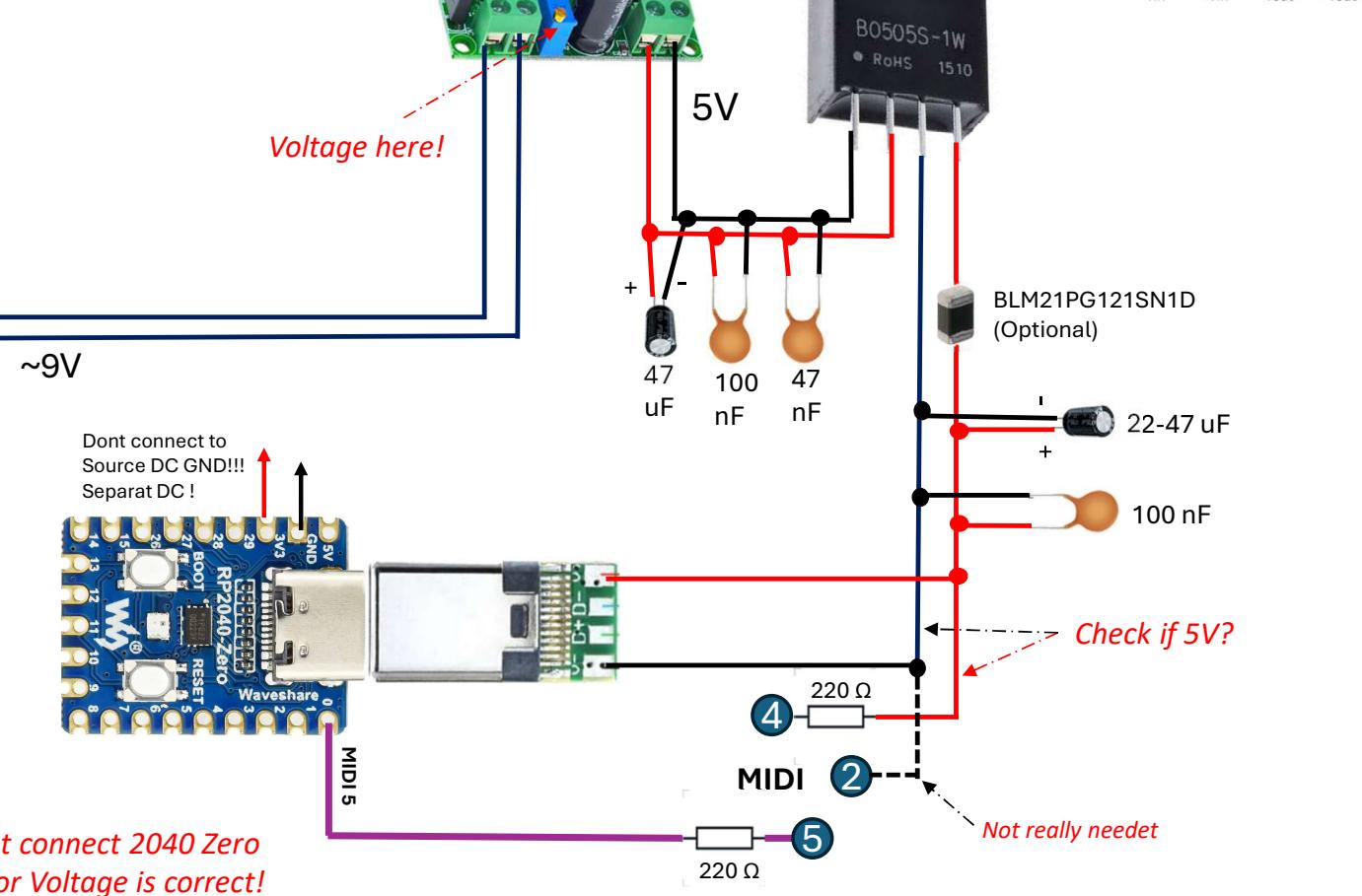


Dont connect
to Source DC
GND!!!
Separat DC !

Power Supply PLAN B

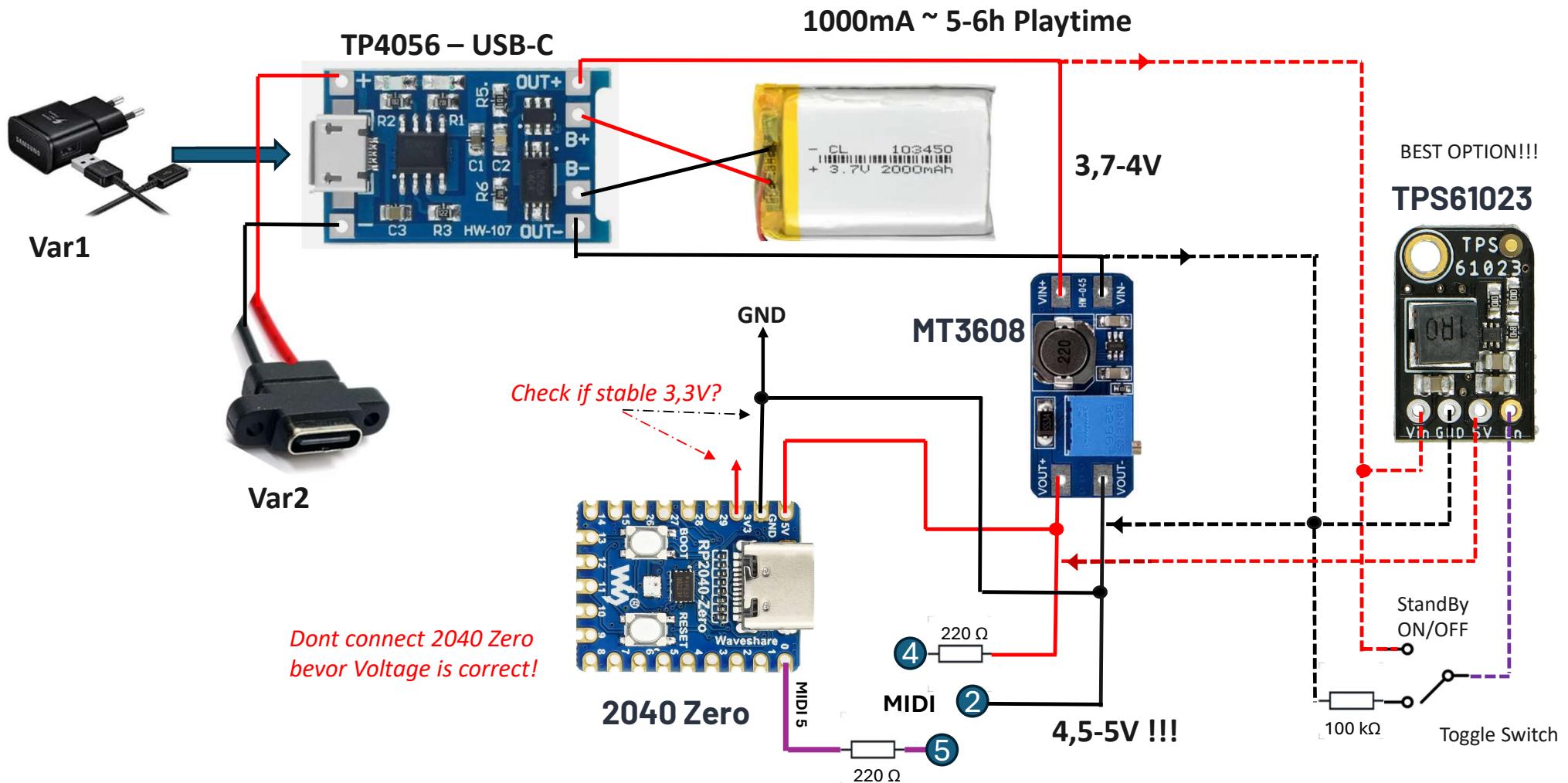


AC/DC Converter
LM2596HV

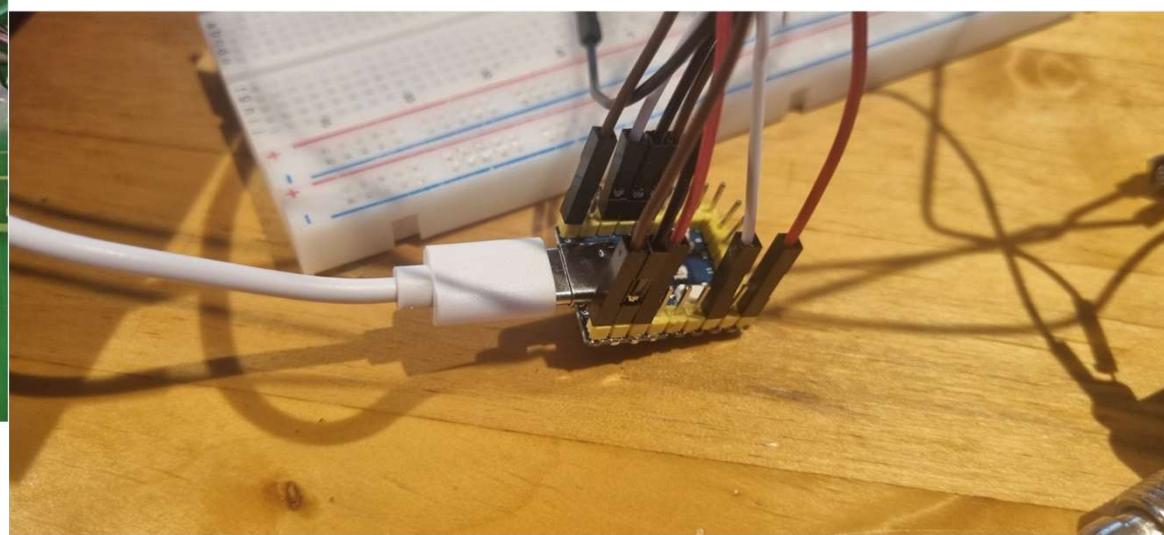
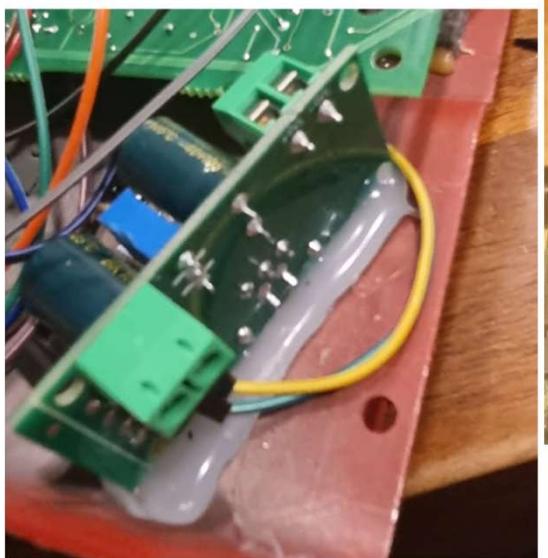
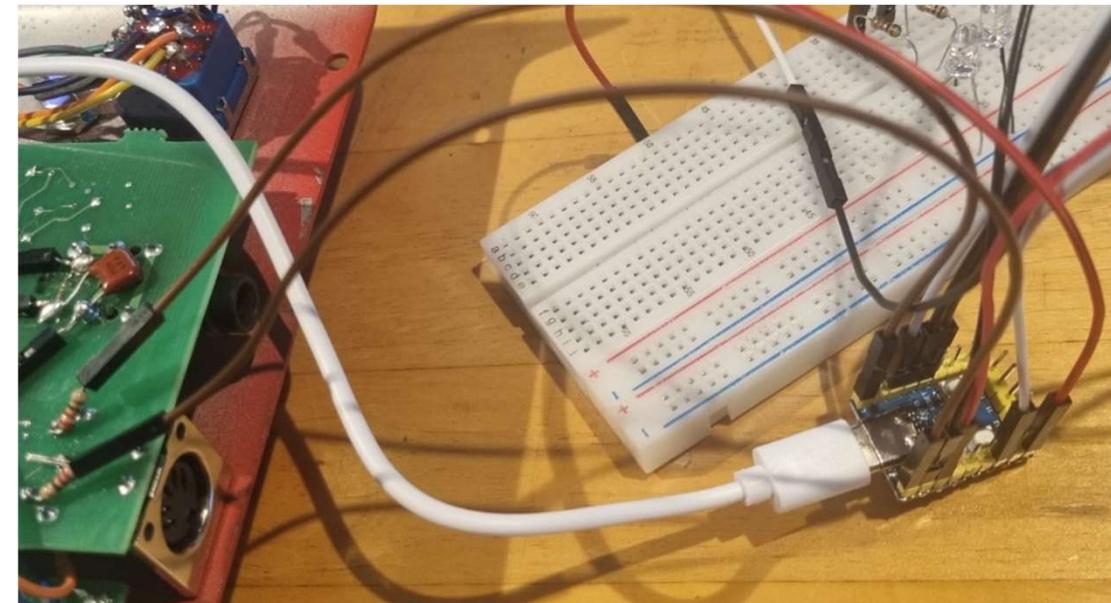
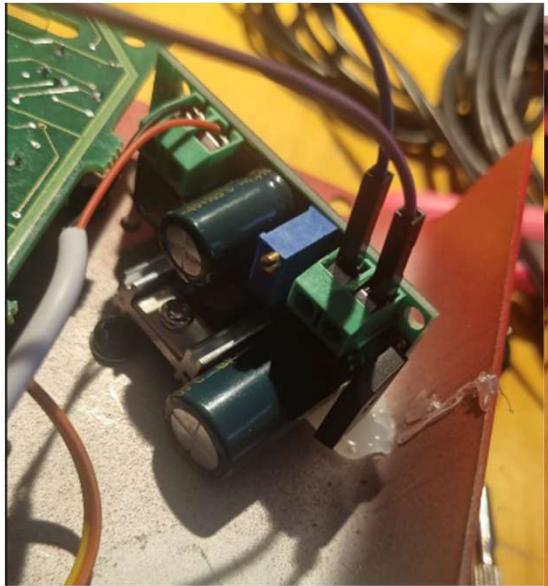


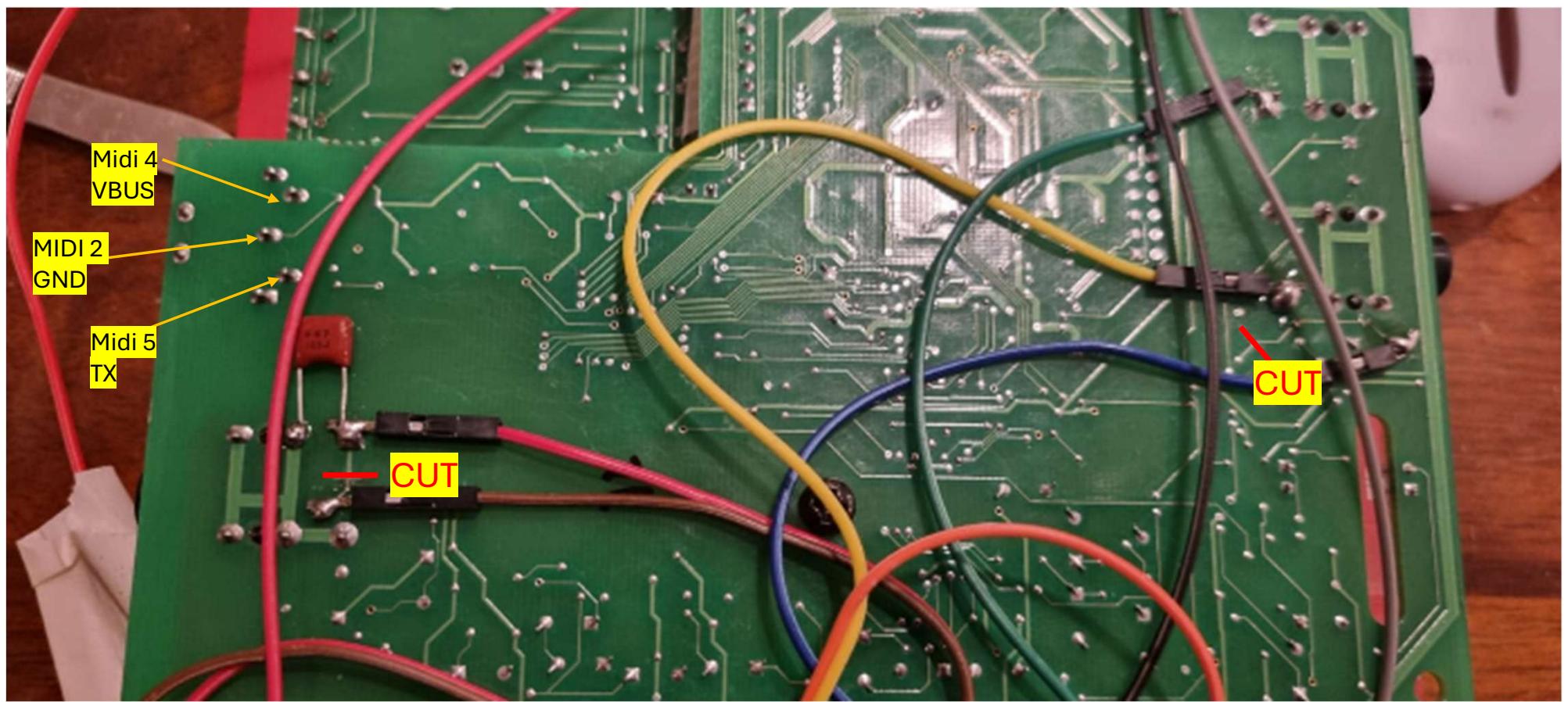
Power Supply PLAN C

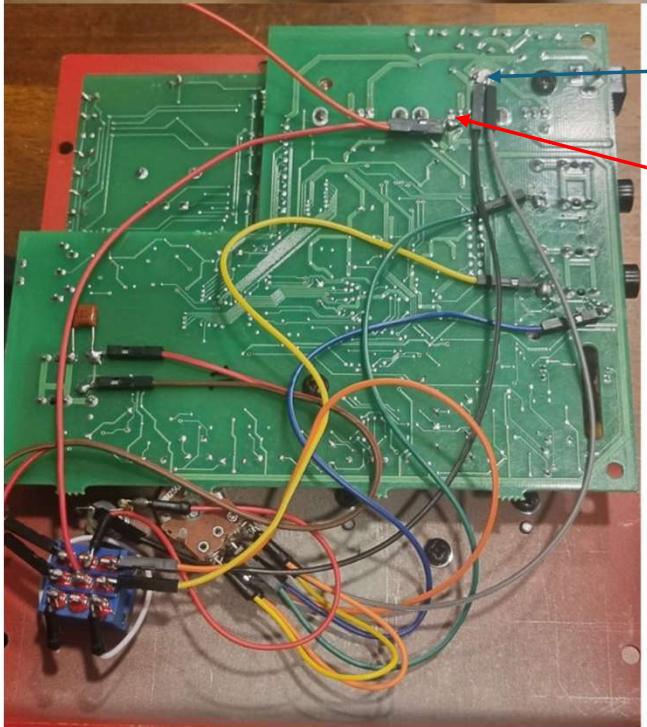
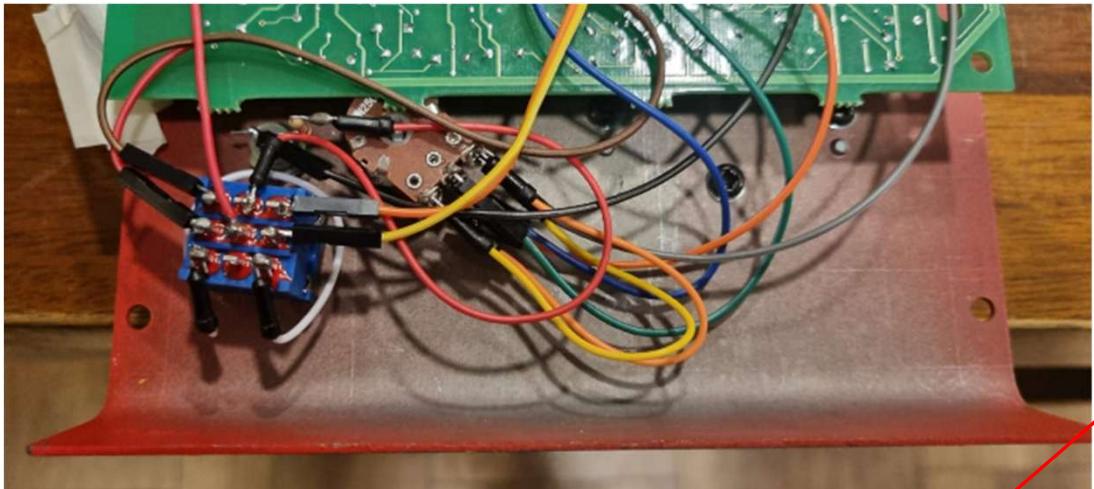
MT3605 OR TPS61023



Power Supply Test

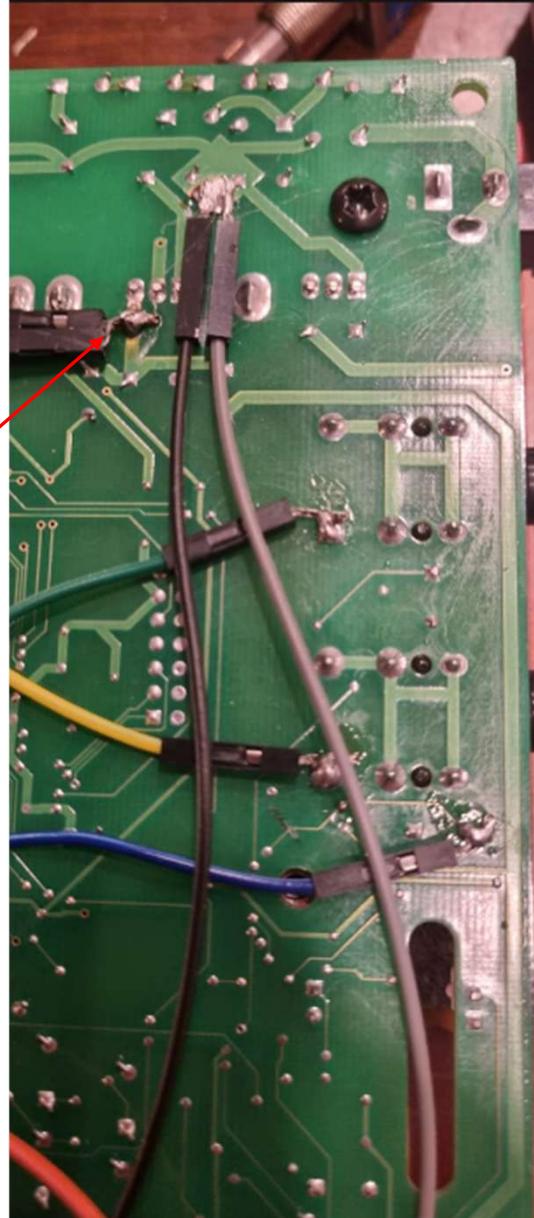


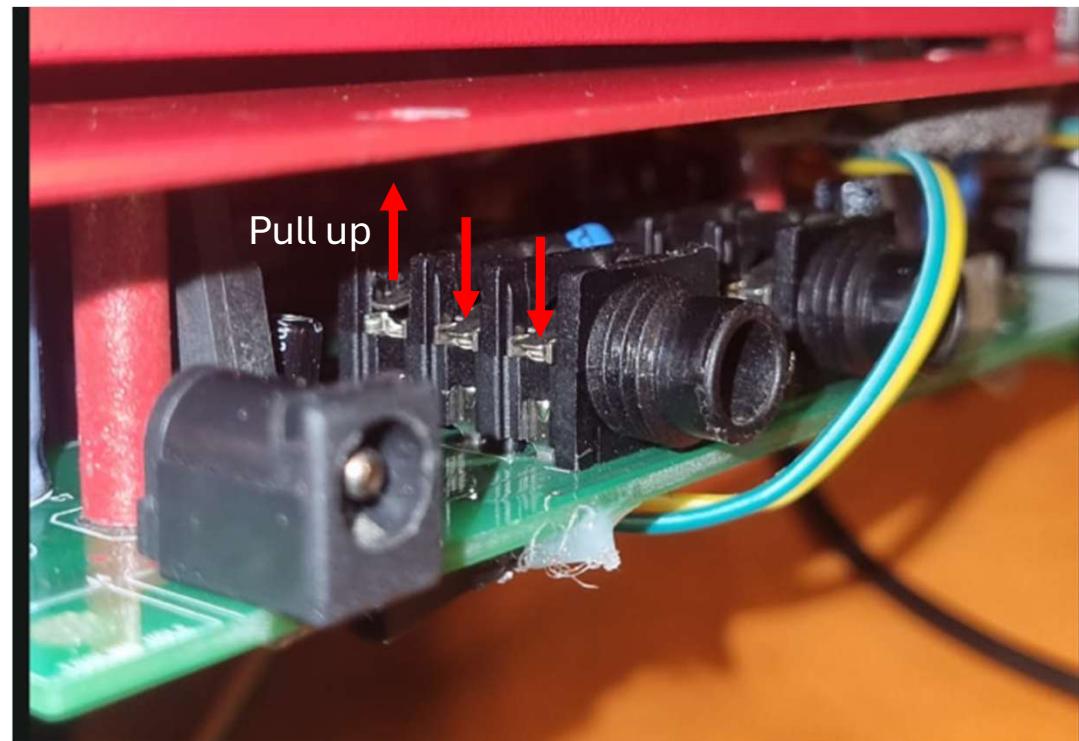
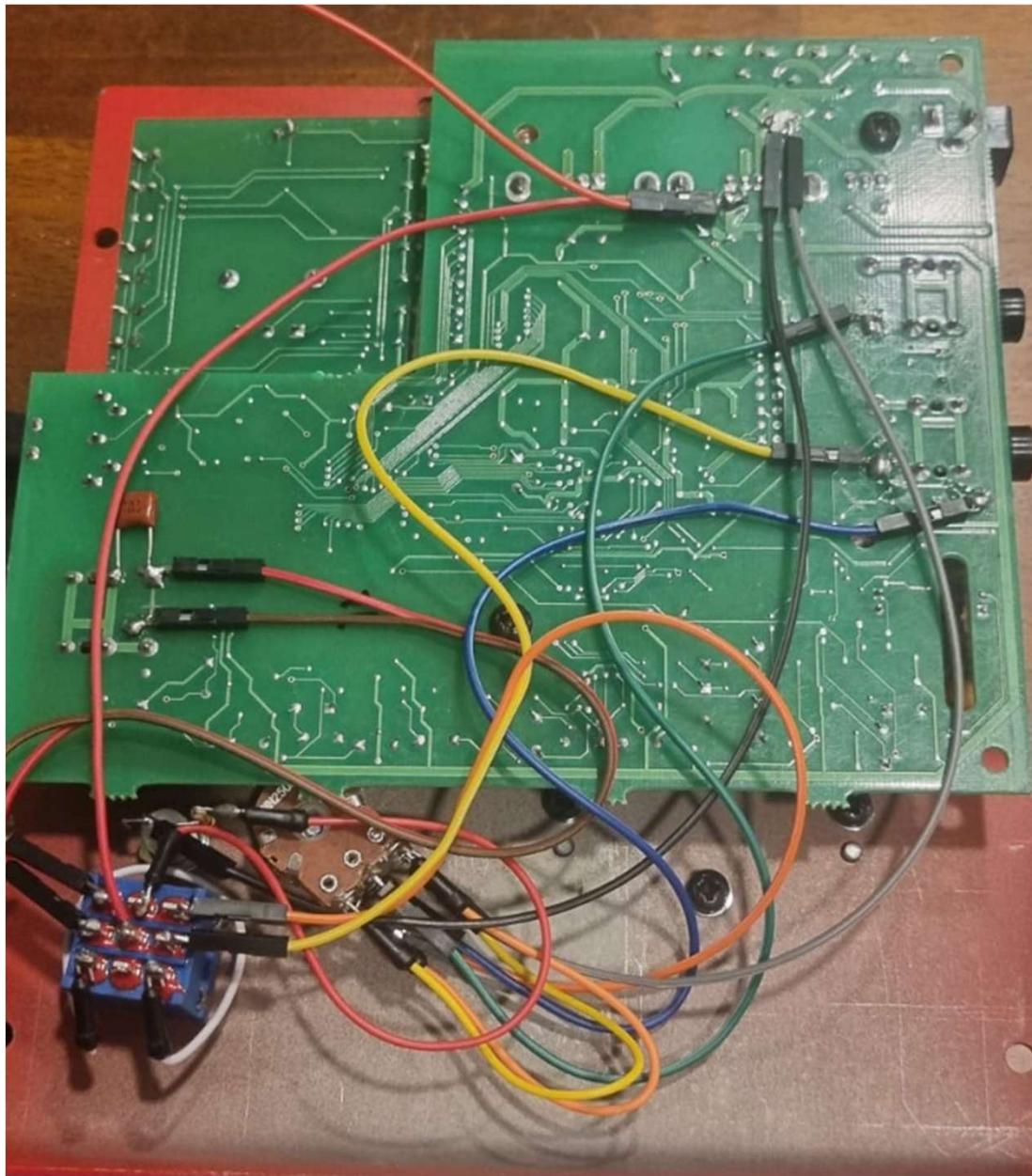




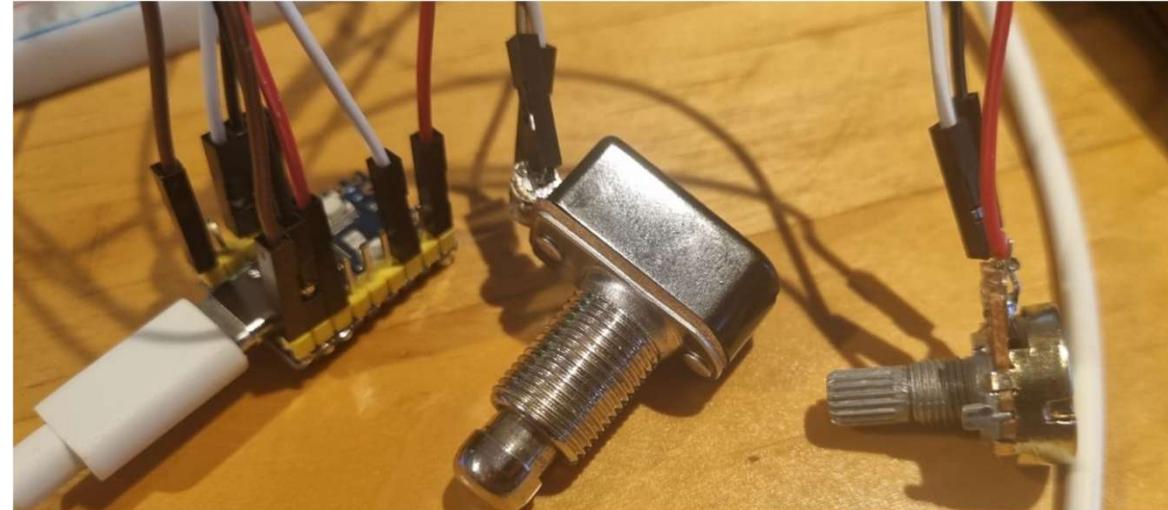
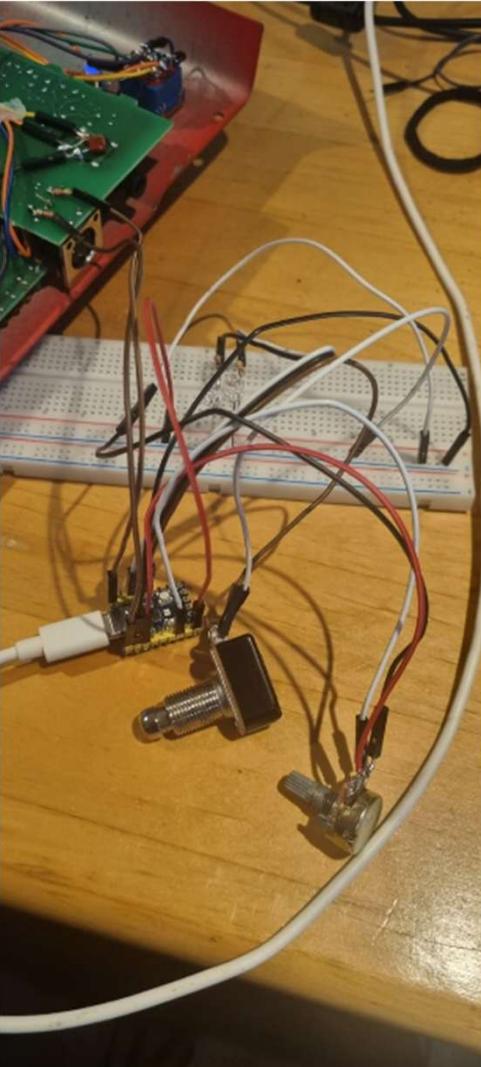
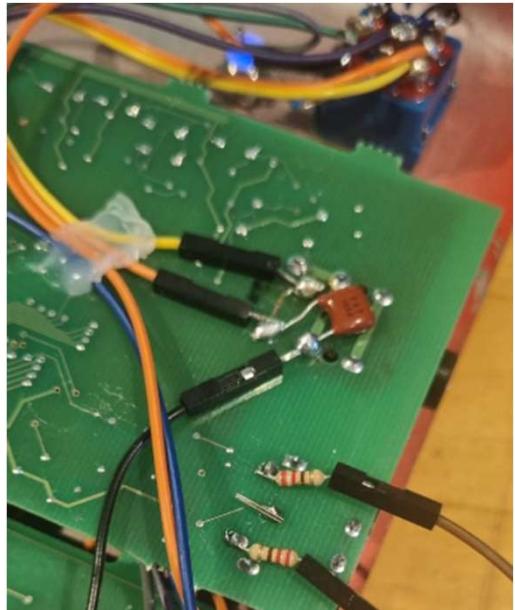
GND LED
HERE!!!

+5V LED
HERE!!!





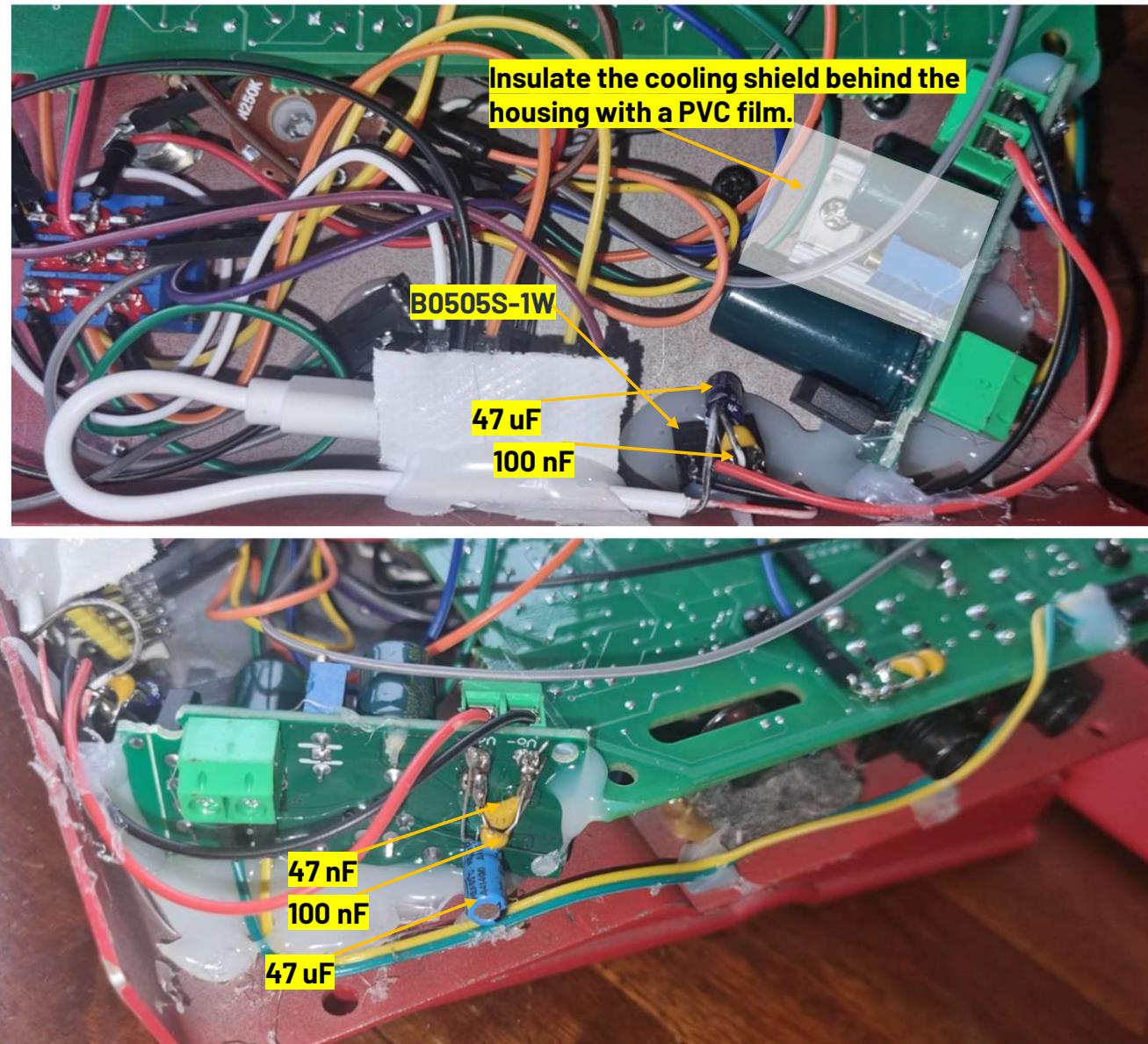
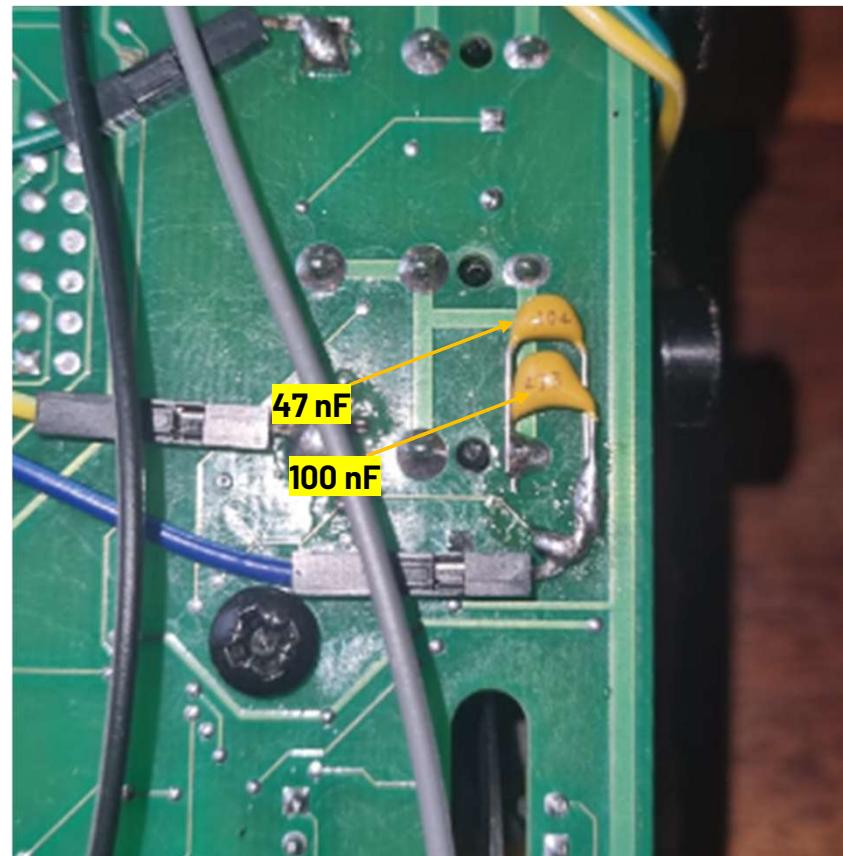
Midi Test



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

- 2 combinable effect presets

Anti- Noise-Filter



Final Front/Back

Flash NEO
Software

