

Whammy 4 – Version 1.07

By melatroid

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True Bypass, Blend Mix
Shutter Gate Effect
Change Effects
Momantary



Calibration

Midi Access

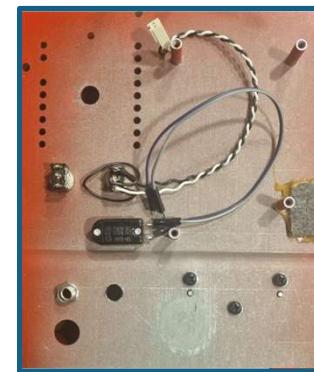
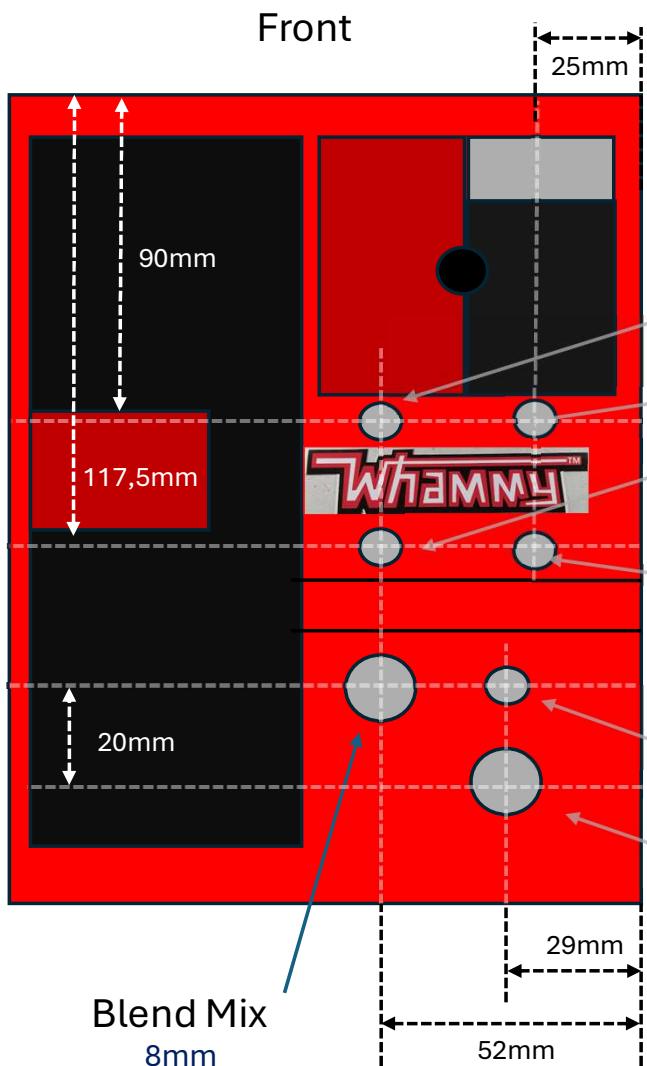
Time

Momantary / Change Effects

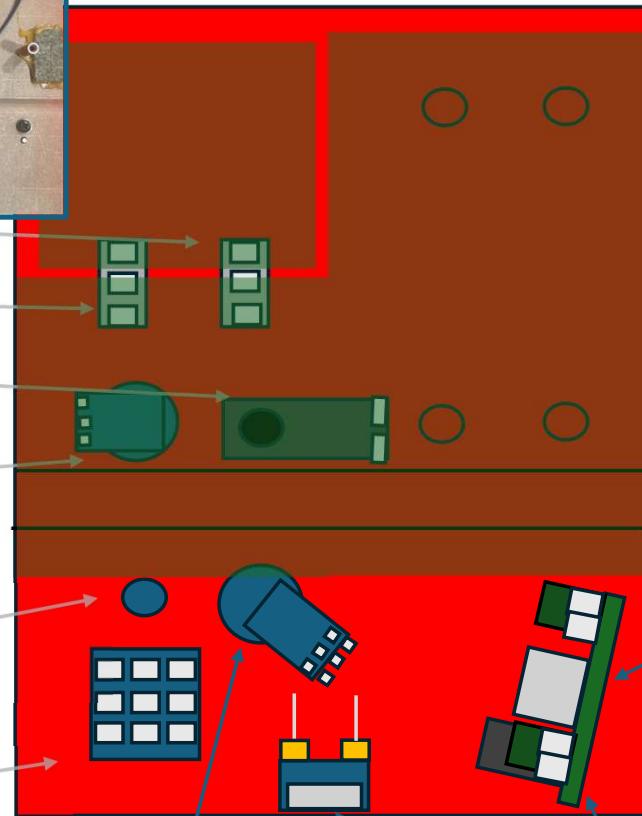
Blend Mix

LED On/OFF

Effect On/OFF



Back

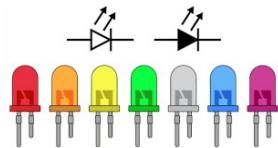


Glue it!

Glue it!

USB TO THE TOP
FOR UPDATES

Parts



1kΩ 3x
1MΩ
220Ω 2x



10nF
(optional)



Toggle Switch 2x
Midi Access /
Calibration



Momentary
(Original Part)



250kΩ
Blend



3PDT



The Whammy is very Noisy but i use a simple
Noise Gate directly after the Whammy.
That brings the Action.

Problem is the AC/DC Converter...



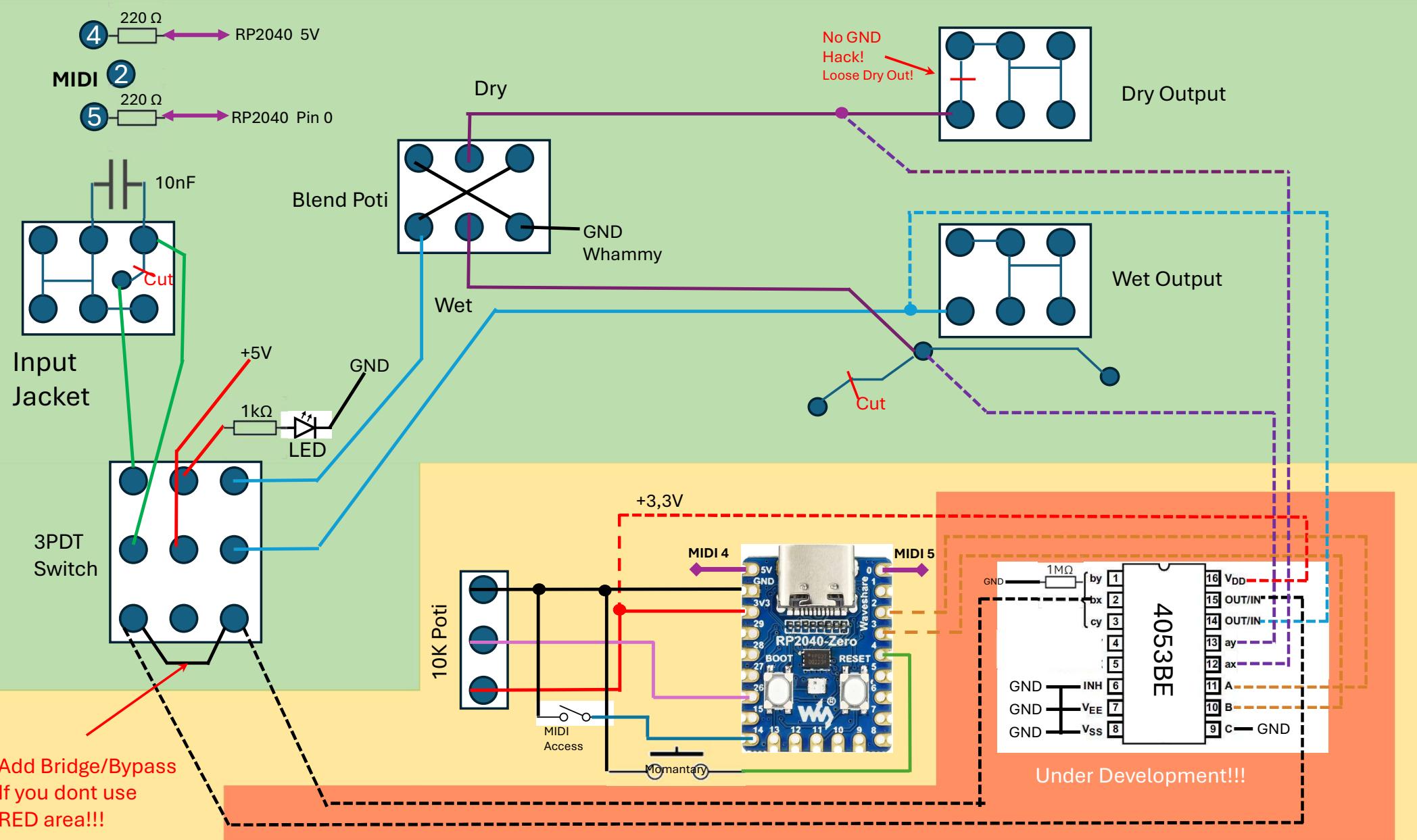
AC/DC
LM2596HV



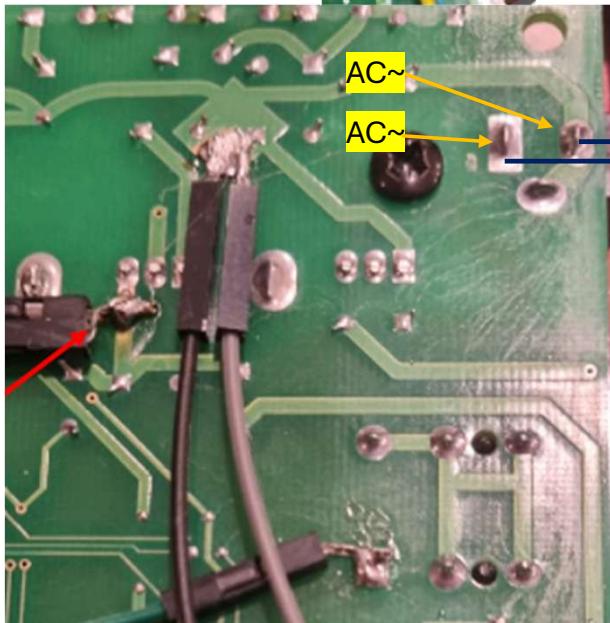
10KΩ



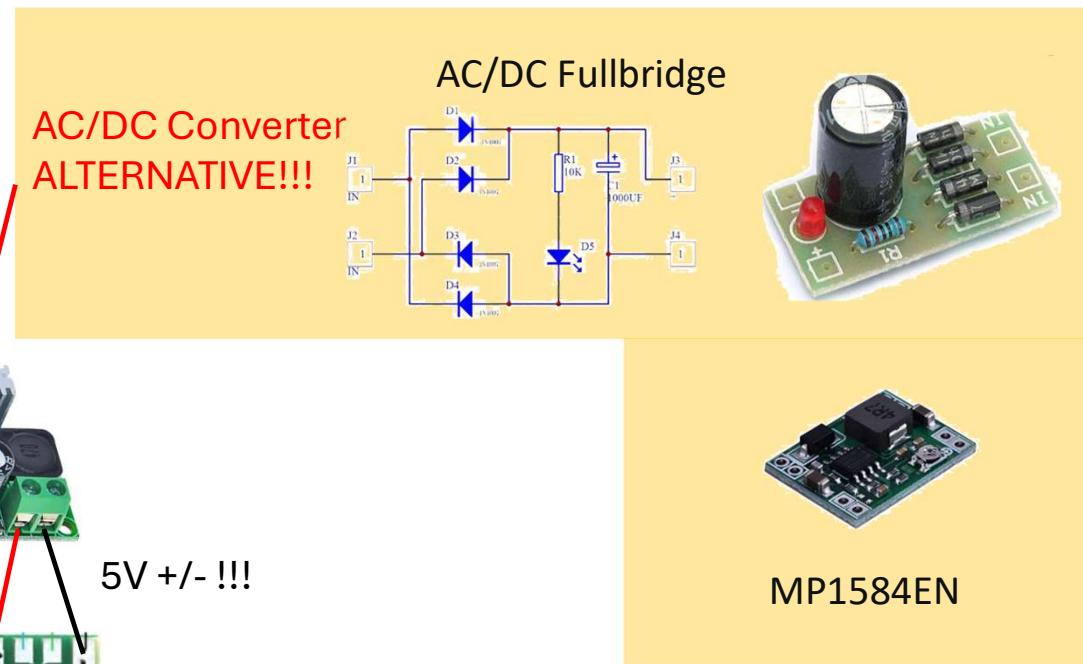
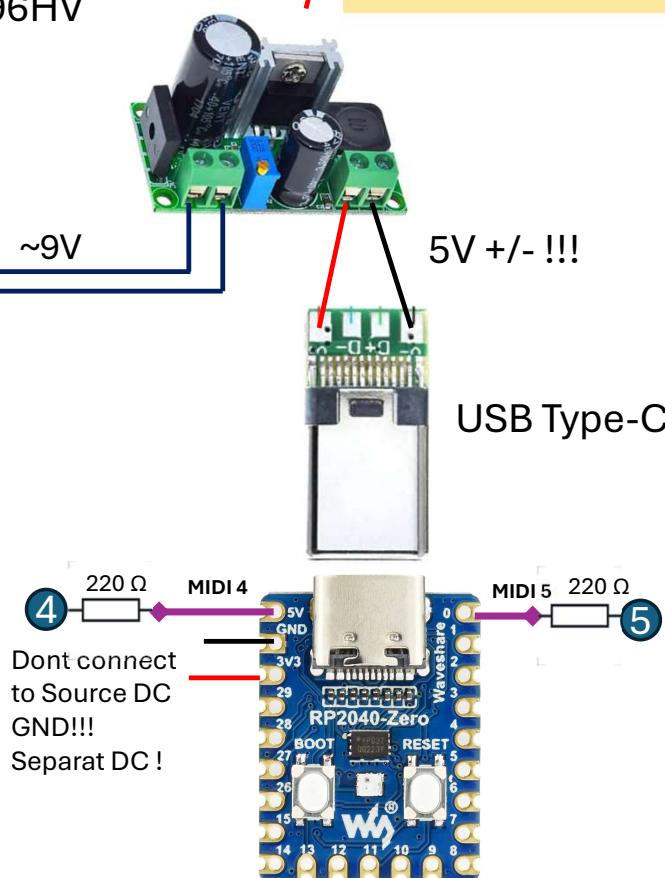
Raspberry Pi
2040 Zero



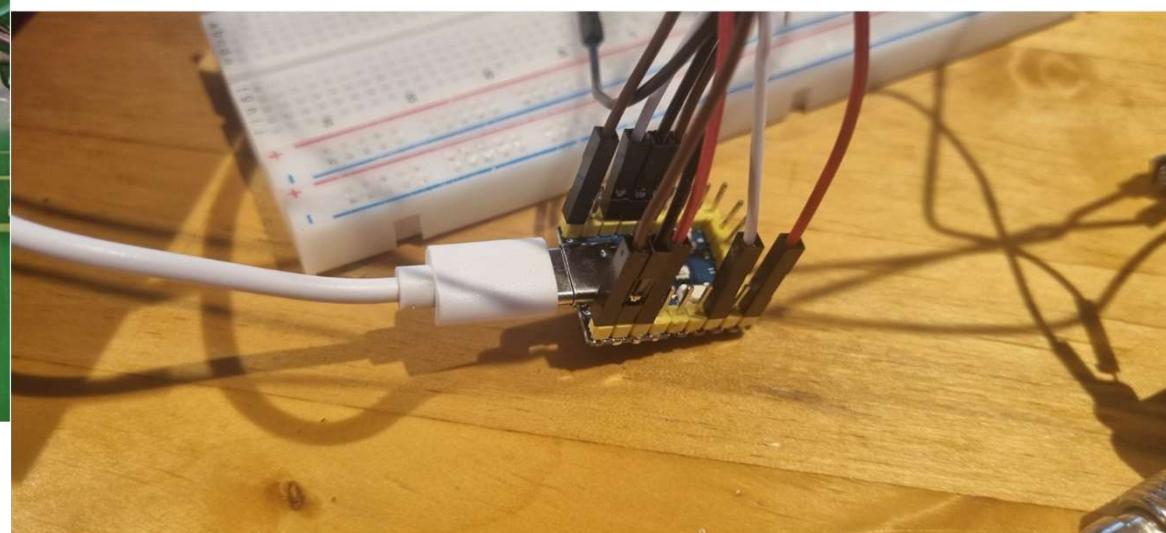
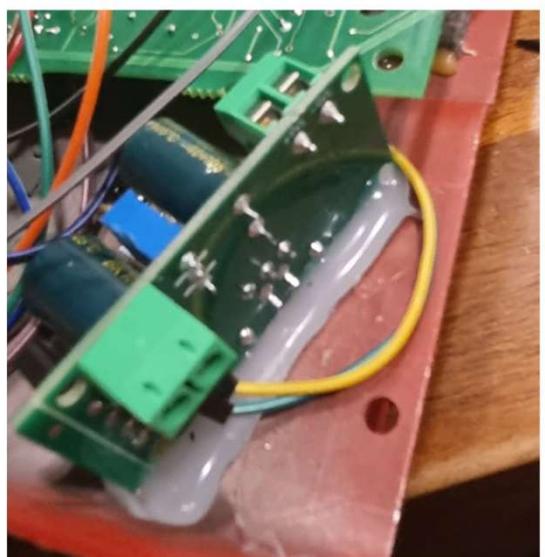
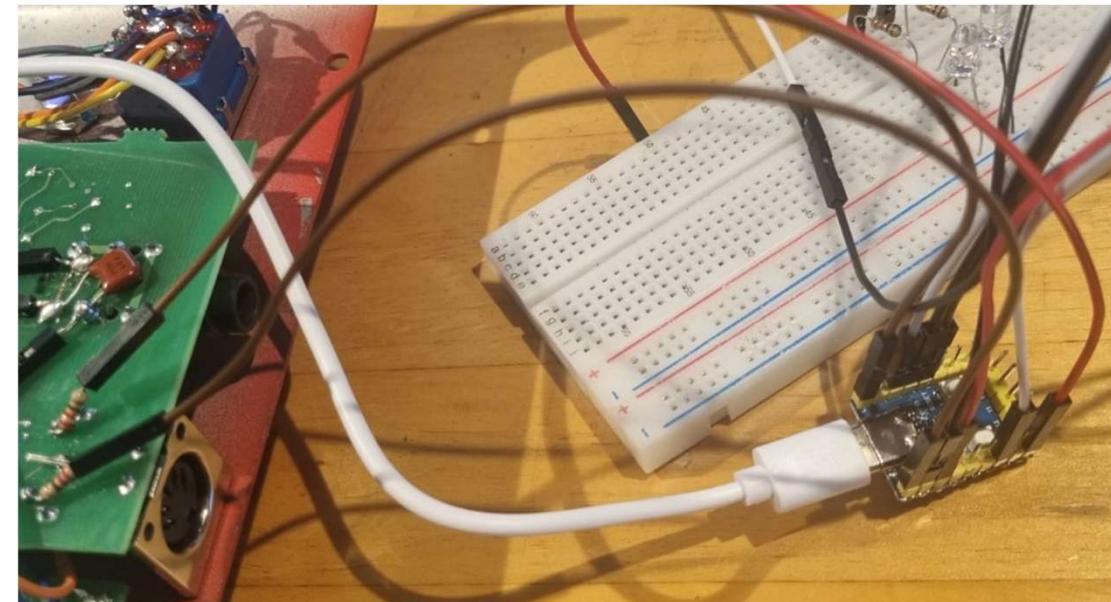
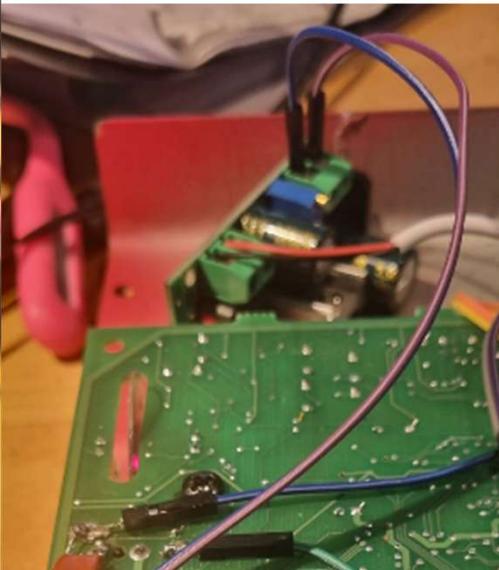
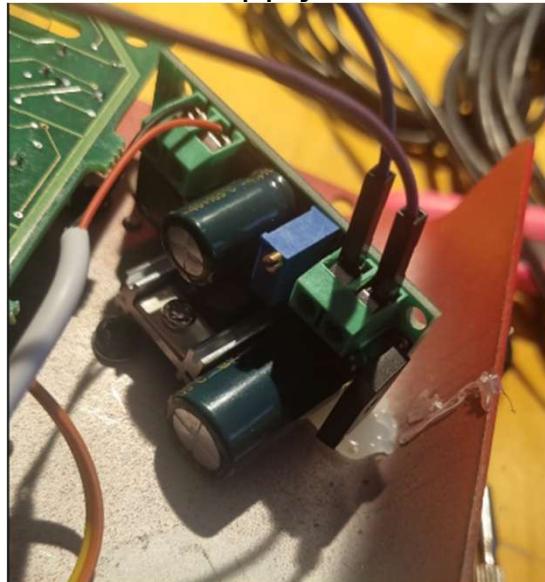
Power Supply

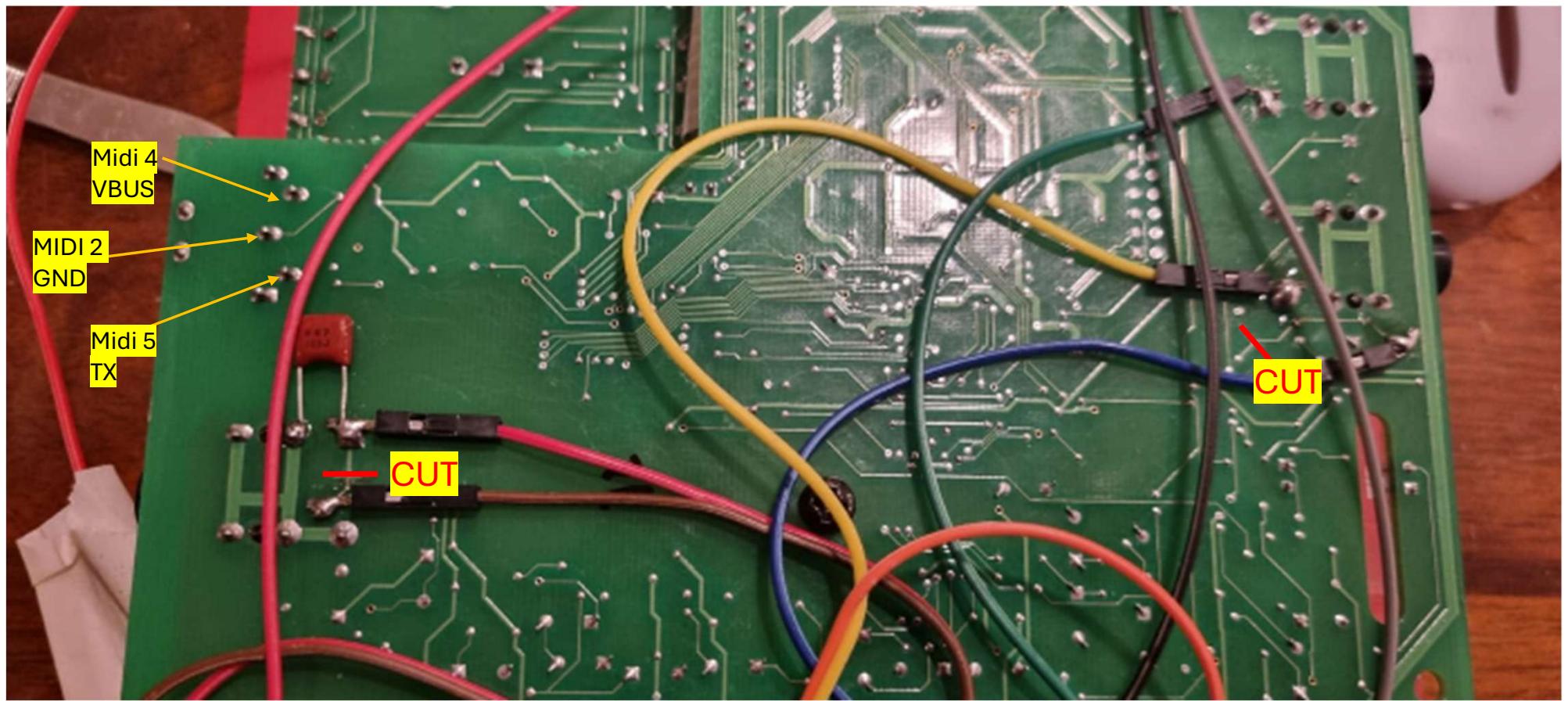


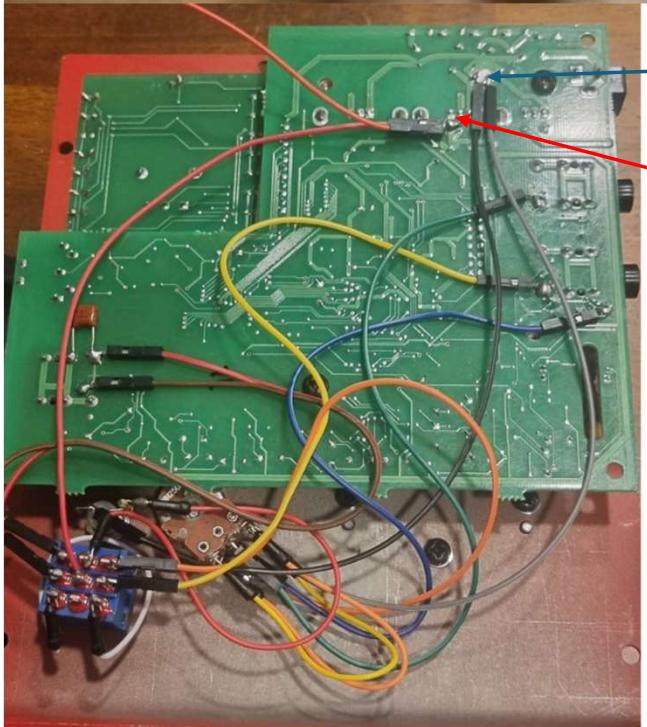
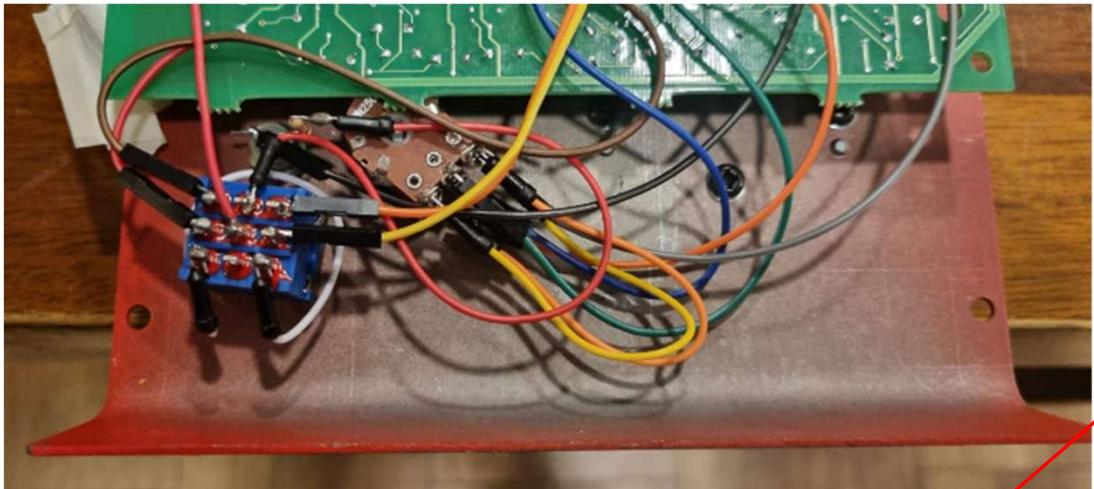
AC/DC Converter
LM2596HV



Power Supply

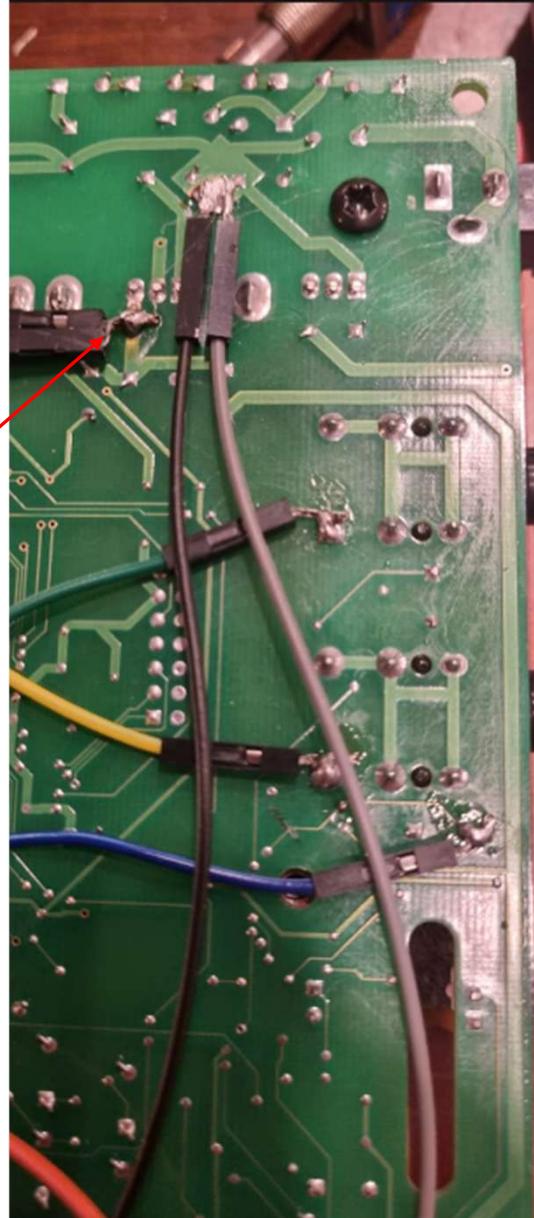


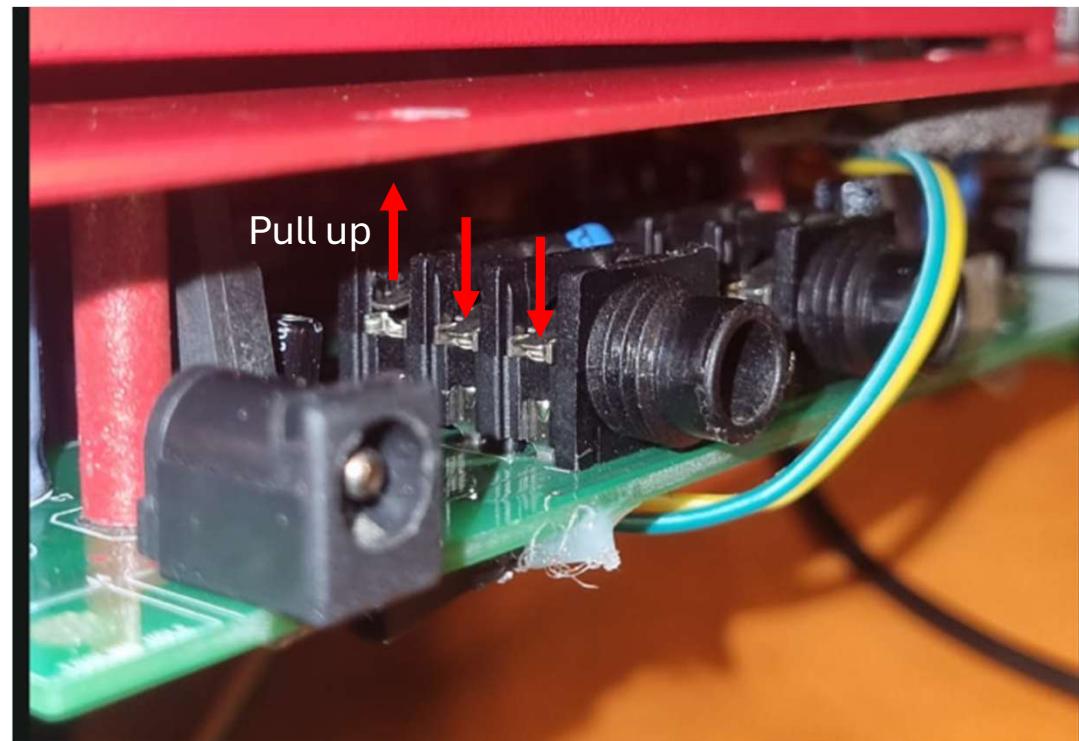
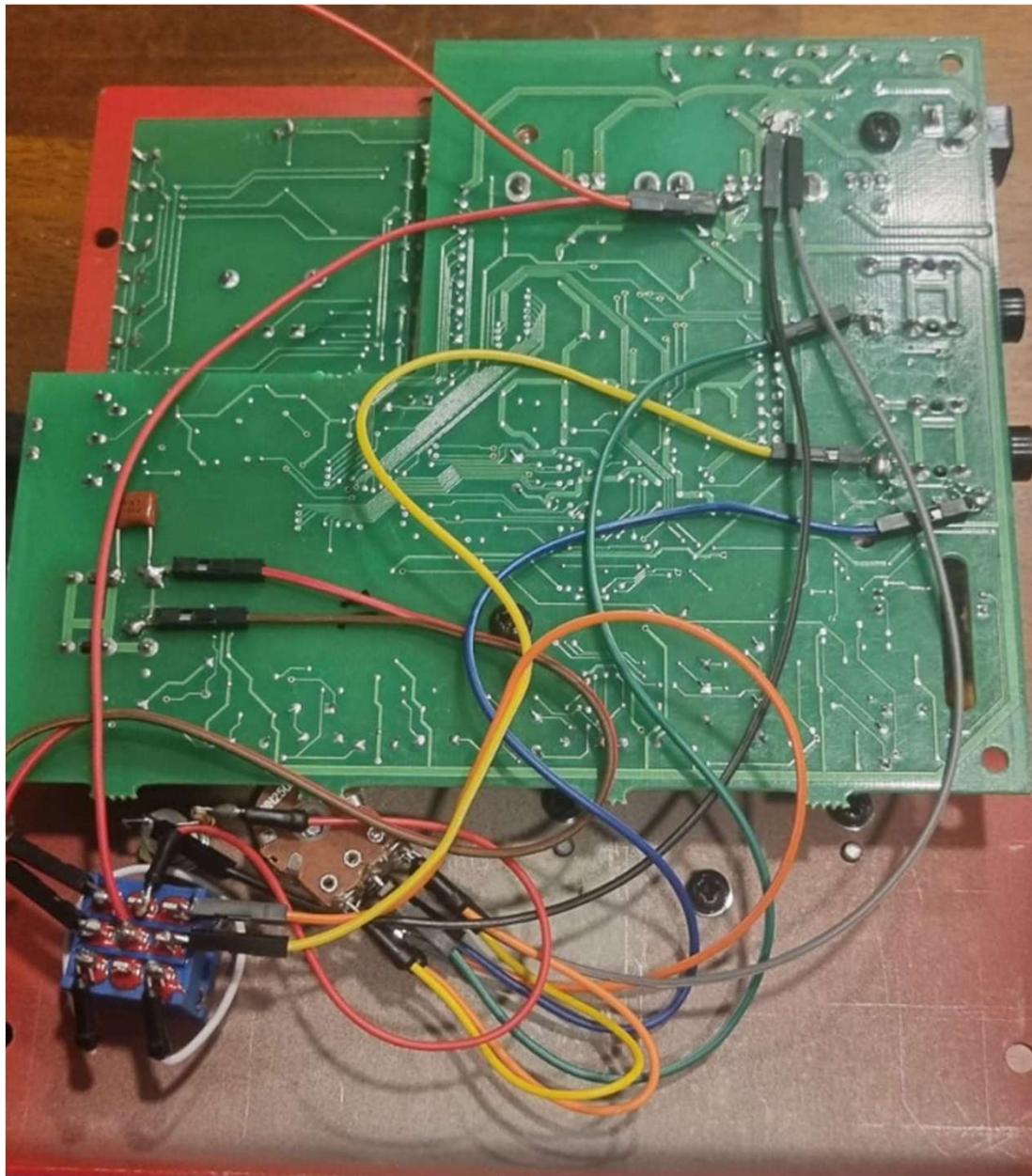




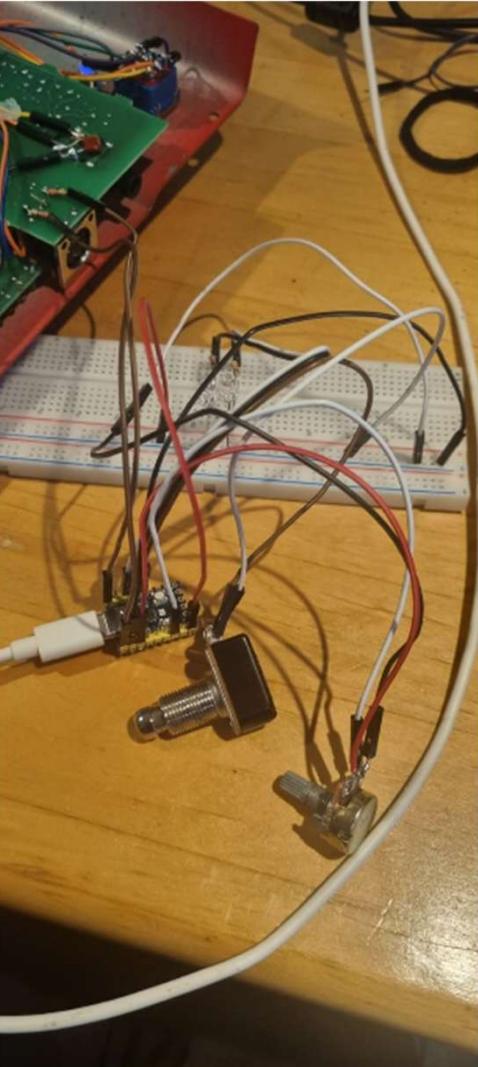
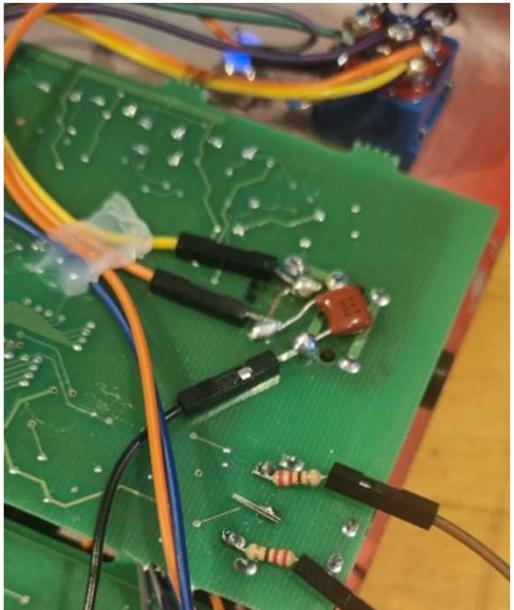
GND LED
HERE!!!

+5V LED
HERE!!!





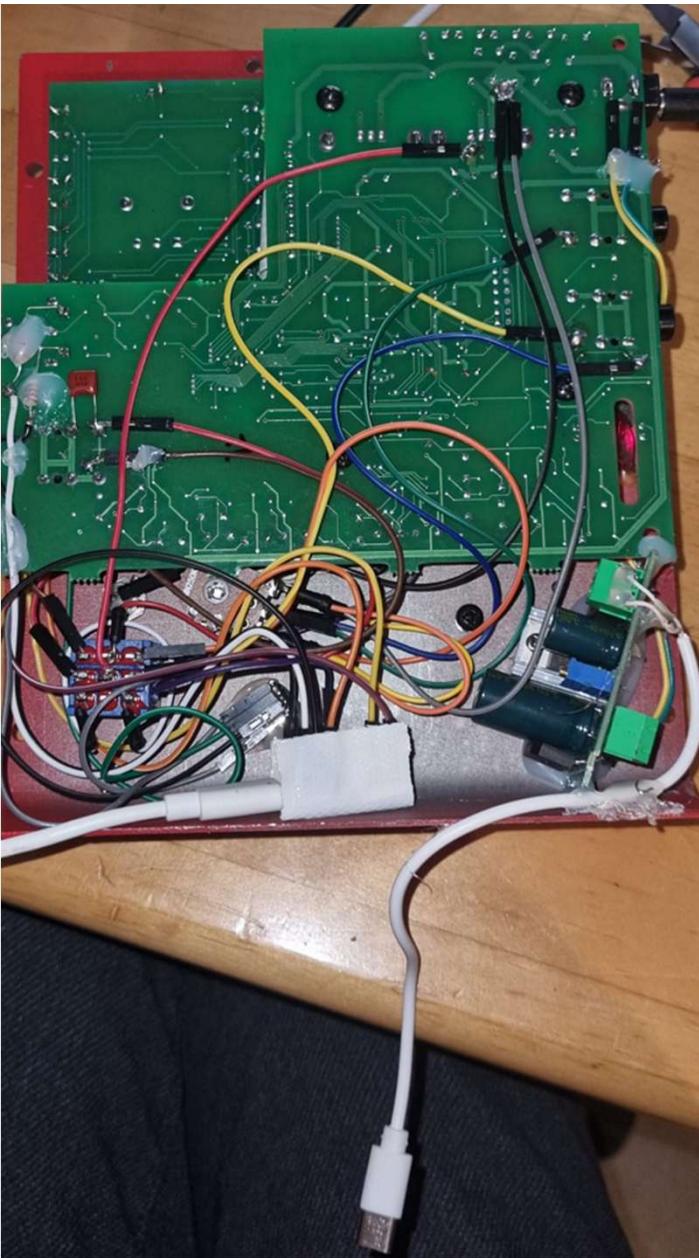
Midi Test



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

- 2 combinable effect presets

Final Front/Back



Flash NEO Software

