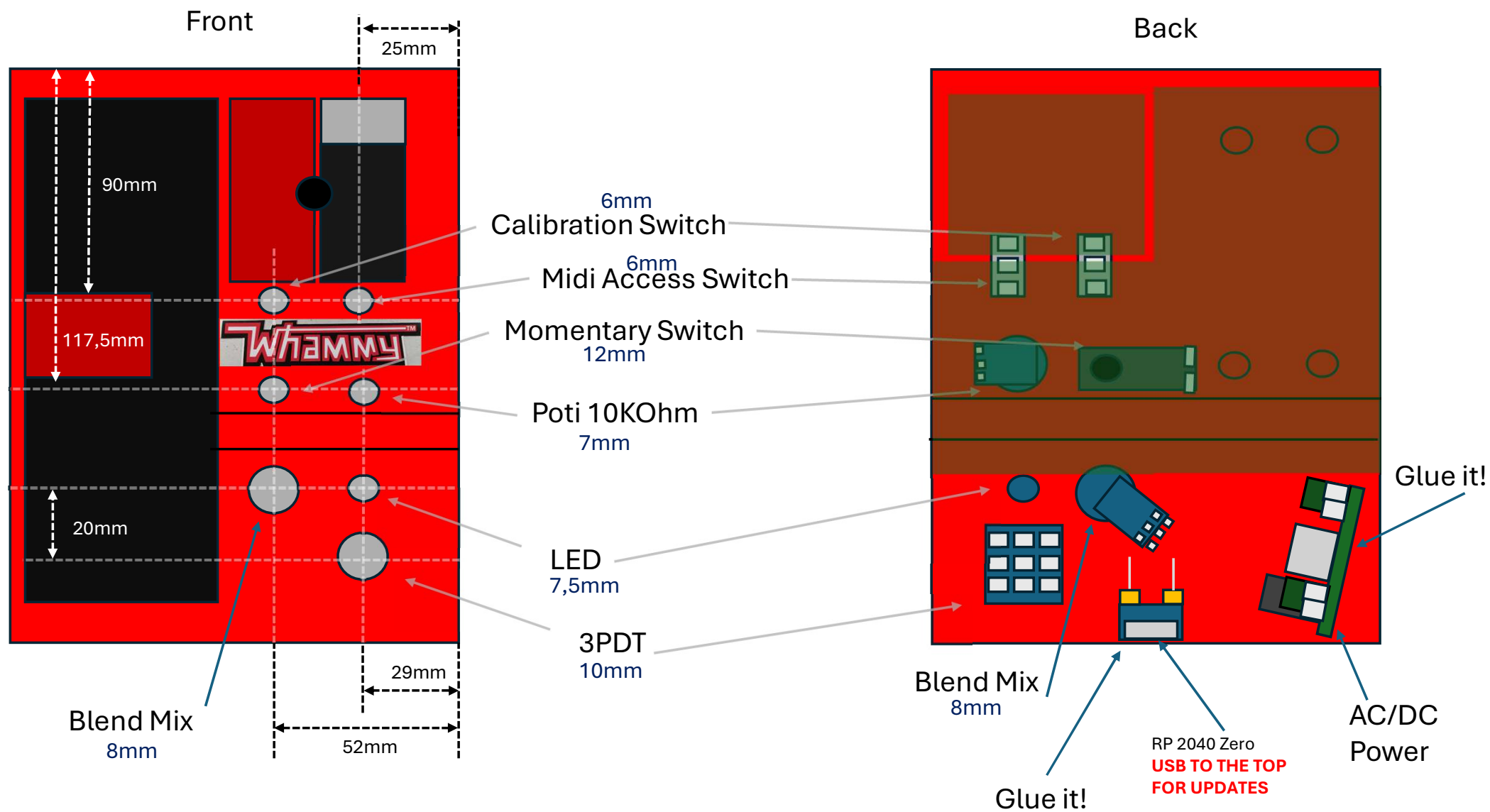


Whammy 4 – Version 1.02

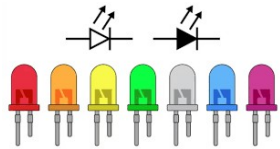
True Bypass, Blend Mix,
Shutter Gate Effect,
Midi Access (Change Effects)



- Calibartion
- Midi Access
- Shutter Speed
- ShutterGate / Change Effects
- Blend Mix
- LED On/OFF
- Effect On/OFF



Parts



1k Ω 3x

1M Ω

220 Ω 2x



10nF
(optional)



Toggle Switch 2x
Midi Access /
Calibration



Momantary
(Original Part)



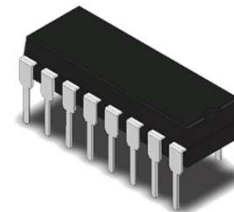
250k Ω
Blend



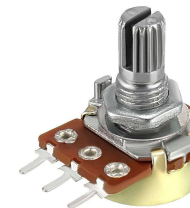
3PDT



AC/DC
LM2596HV



4053BE



10K Ω



Raspberry Pi
2040 Zero

Midi Access



- Midi Access ON



Change Effect 1/2 for Shuttergate

Hold – Change Effect 1/2
Double Tap – Jump Back

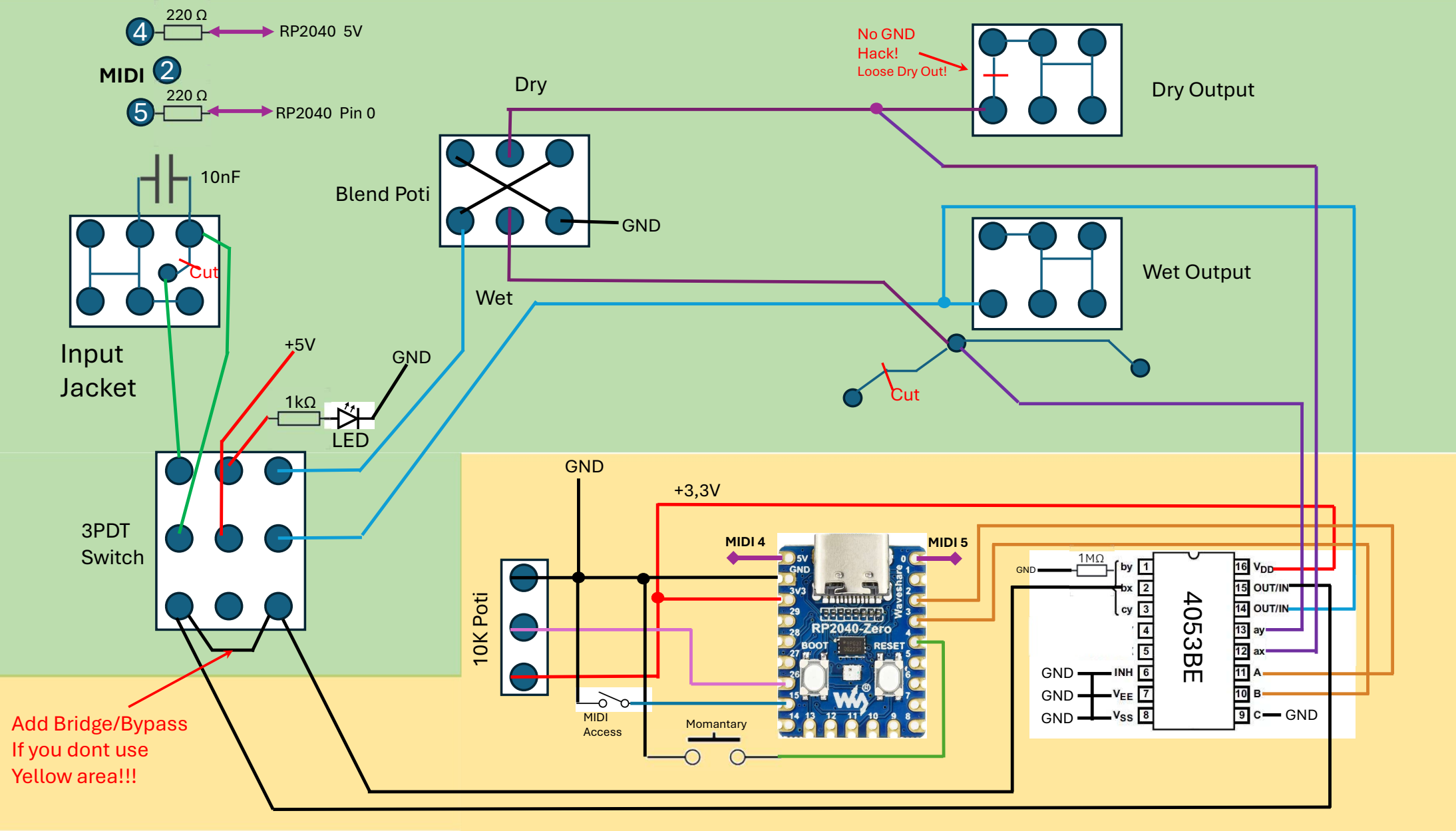
- Midi Access OFF

- Momentary/Shutter Effect 1/2
- Double Tap – Change Effect

- Save after 2 sec
- Blinks 3 Times for each Effect section

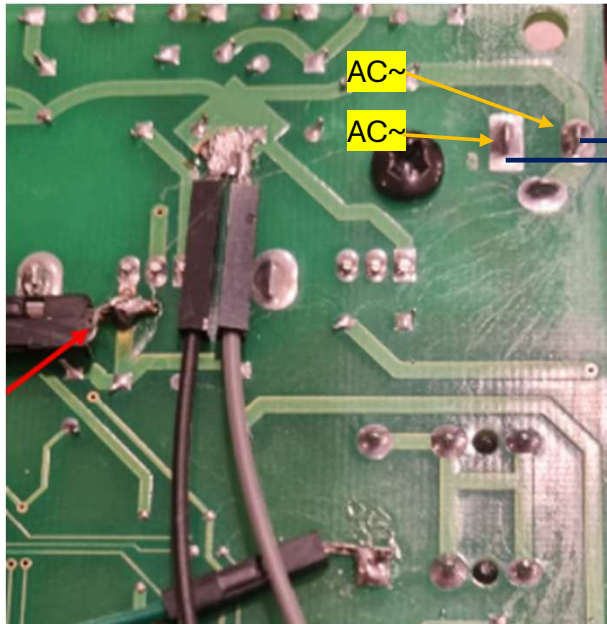


<https://youtube.com/shorts/yBMvel-sLH8>



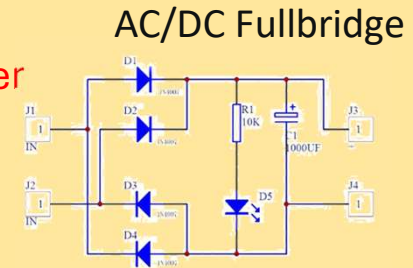
Power Supply

AC/DC Converter
LM2596HV



~9V

AC/DC Converter
ALTERNATIVE!!!

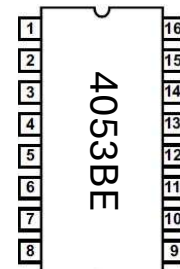
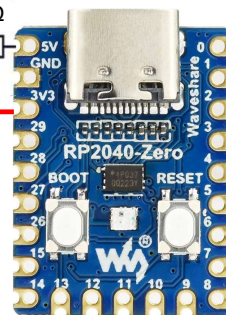
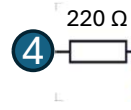


MP1584EN

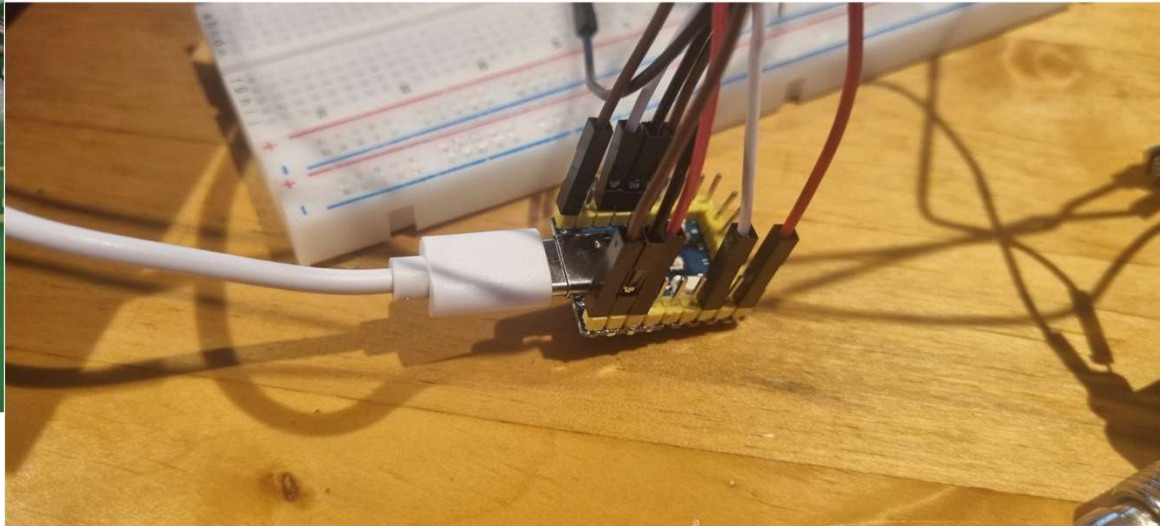
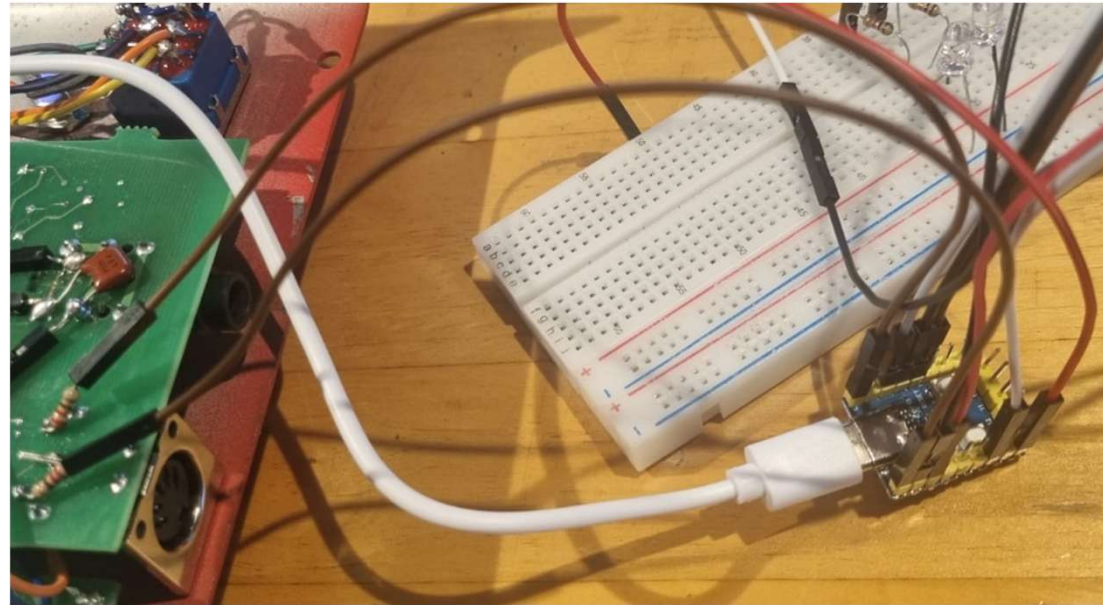
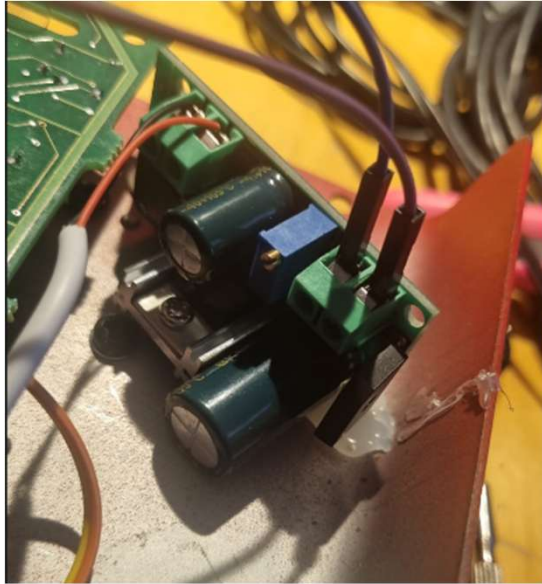
5V +/- !!!

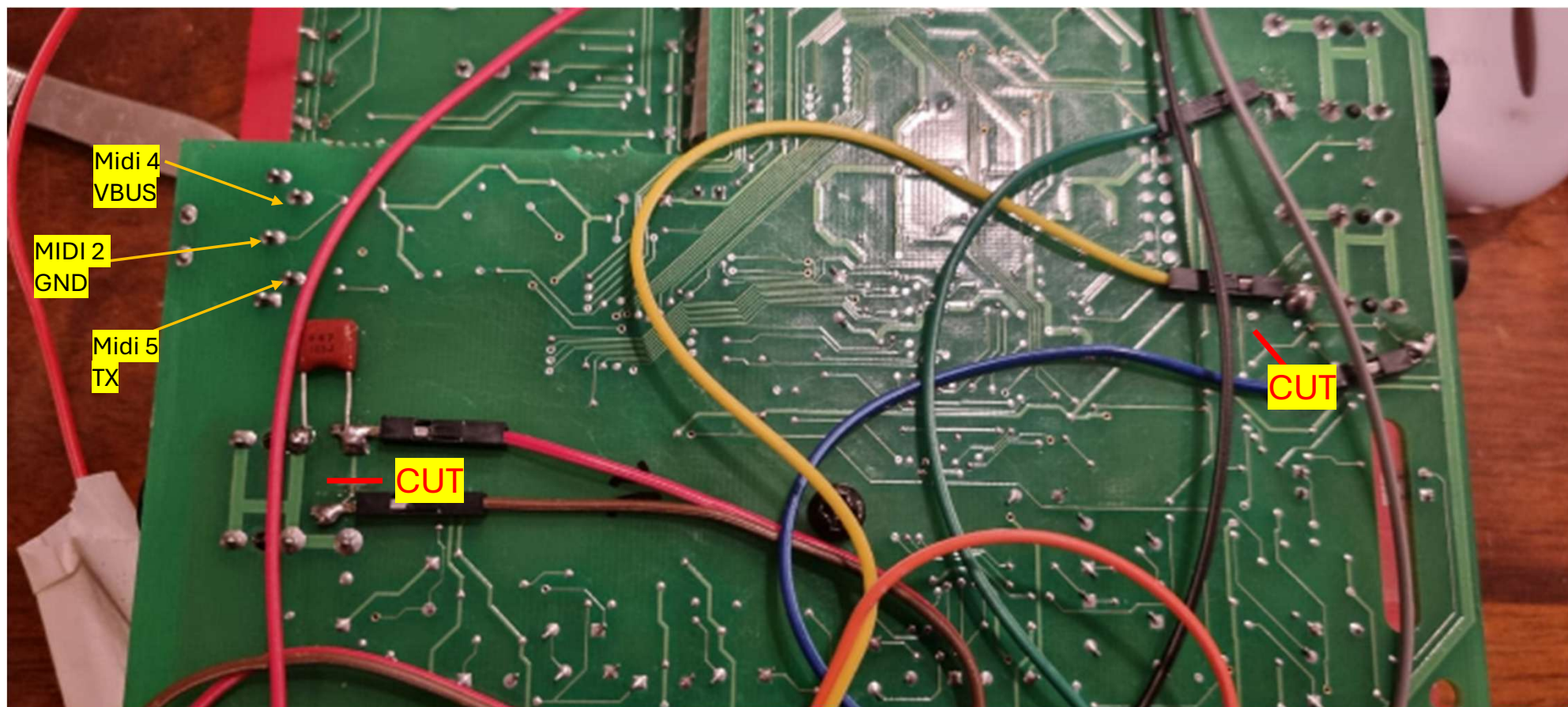
USB Type-C

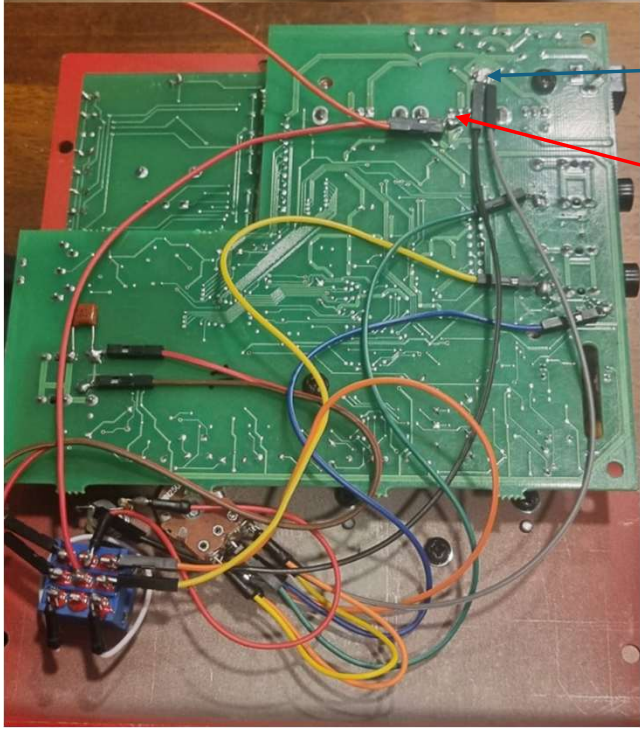
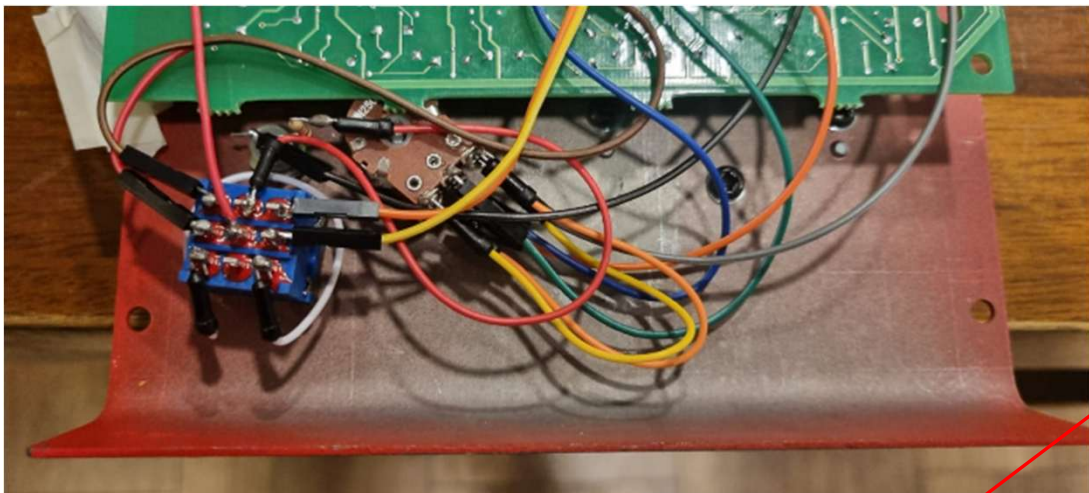
+3,3V



Power Supply

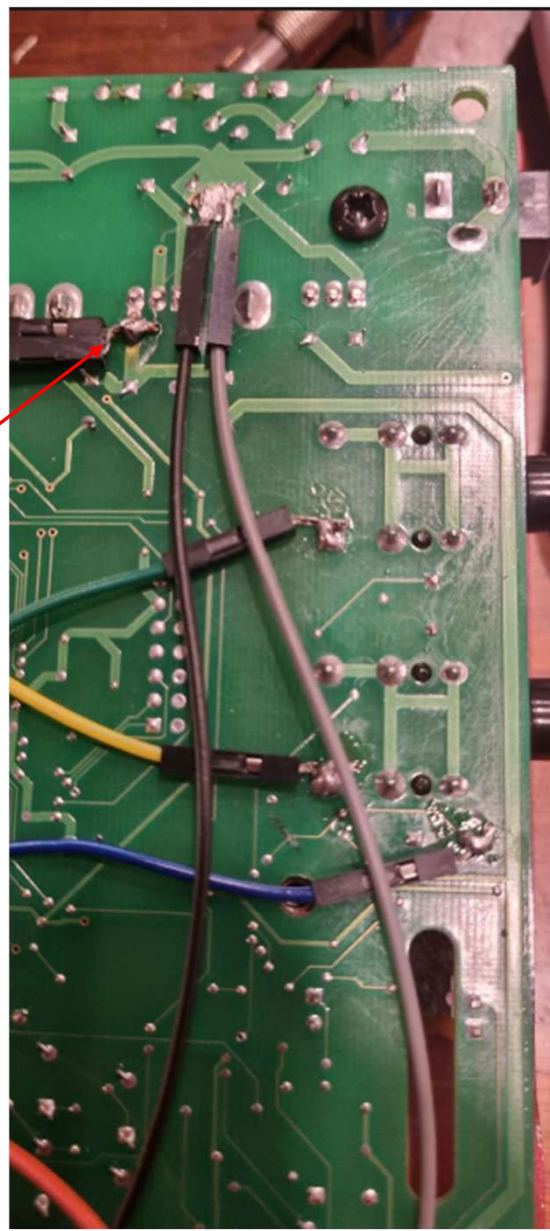


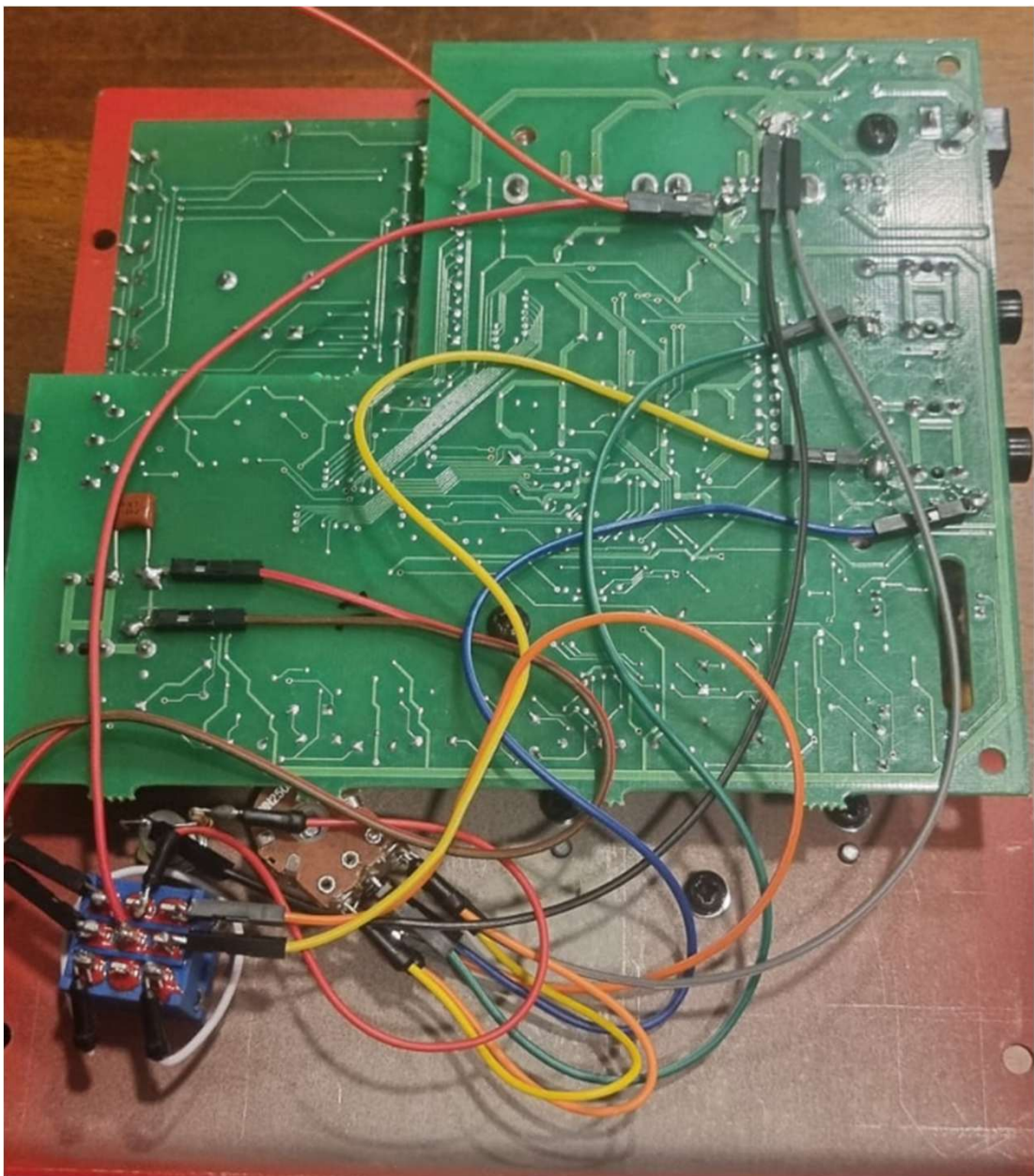




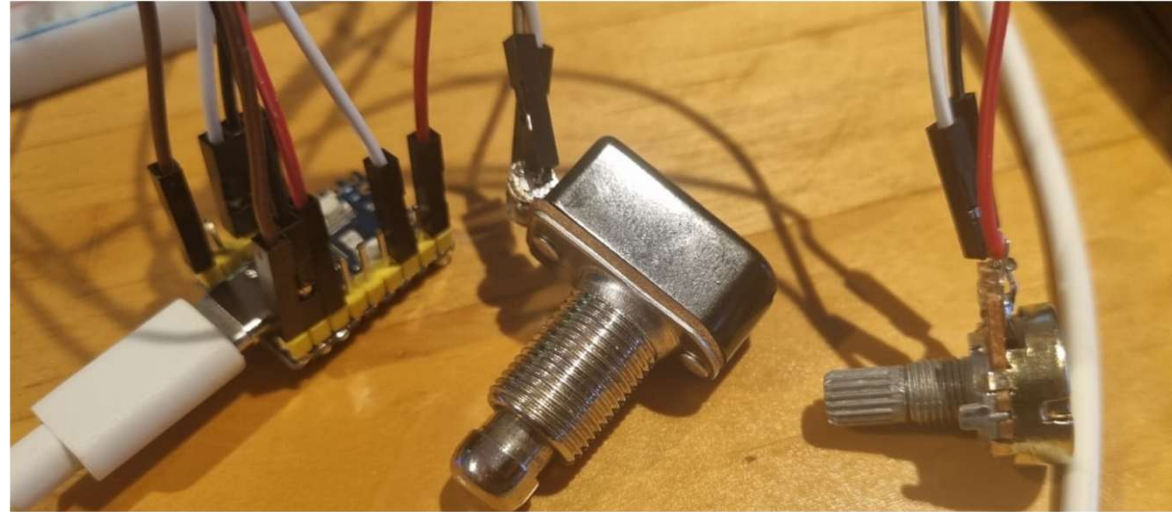
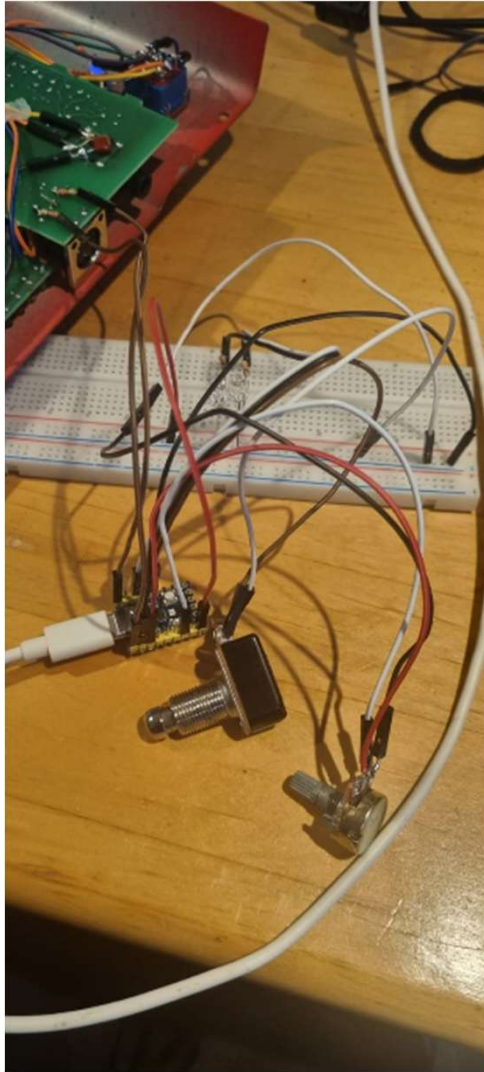
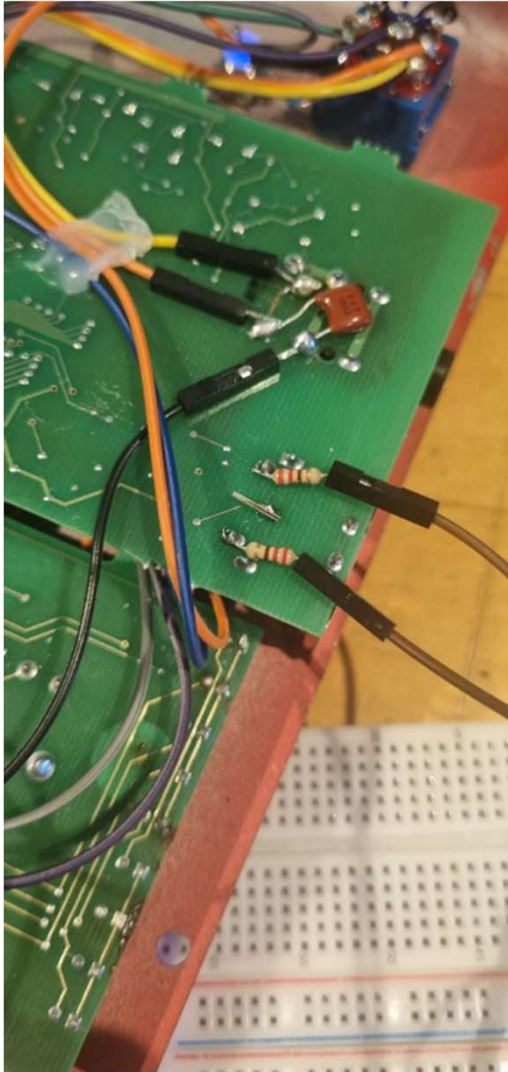
GND
HERE!!!

+5V
HERE!!!





Midi Test



<https://youtube.com/shorts/wjgEext1rCg>
- 2 combinable effect presets