

AMP-Midi-Controller

Works with all Amps with a real Midi Support.
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Midi-maps of this amps are included:

•**ENGL:**

- Savage 120 Mark II
- Savage 60 Mark II
- Ironball SE
- Powerball II
- Special Edition E670 / E670FE
- Invader II
- Invader 150 (E646)

•**Diezel:**

- VH4 / VH4S
- Herbert (MK I & II)

•**Mesa/Boogie:**

- JP-2C (John Petrucci Signature)

•**Hughes & Kettner:**

- GrandMeister Deluxe 40

•**Revv:**

- Generator 120 Mark III
- D20 / D20+

•**EVH:**

- 5150 III (50W EL34 / Stealth)

•**Marshall:**

- JVM410 (via MIDI Learn Mapping)

•**Victory:**

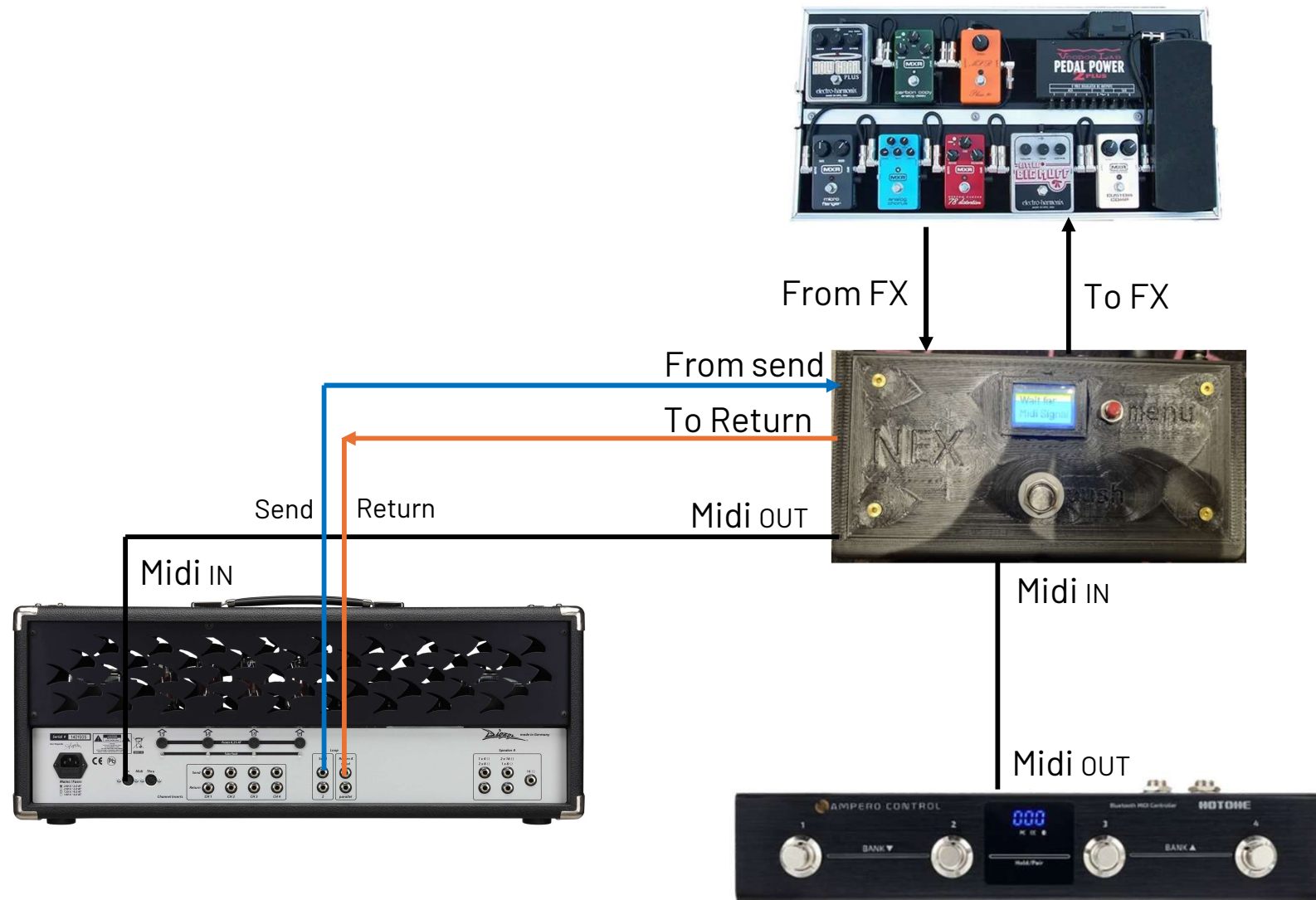
- V4 The Kraken

•**Blackstar:**

- Series One 100 / 200

•**Modeler (Basis-Maps):**

- Fractal Audio Axe-FX III / FM9
- Line 6 Helix Rack / Floor
- Headrush Pedalboard / Gigboard



Hardware Parts



DC Input-
Jacket



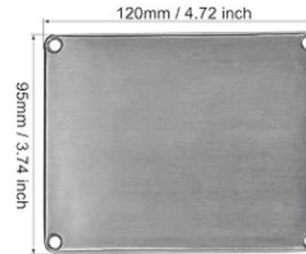
LM2596 **x1**
Alternativ:
MP1584EN



Raspberry Pi 2040
Zero **x1**



SPST Momentary,
NO
x1



3D Print
OR
CASE /
BOX **x1**



6,35mm **x4-6**



Midi 5-POL -Jacket
x2-3

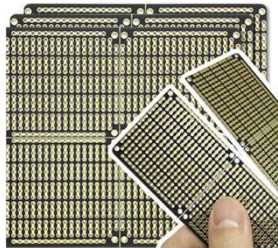


SPST Momentary,
NO
x1



SSD1306 OR
SSD1315
O-LED
I²C !!!

Electronic Parts



Electro Cookie PCB

IC Socket, 8 , 14 ,10
PINS



100 nF



100 uF
47 uF
10-22 uF



1 MΩ 4x
1 kΩ 0 4x
220Ω 4x
4,7 kΩ 1x
47 kΩ 1x



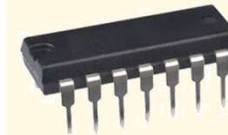
1N4001 **x1**



1N4148 **x1**



6N137 **x1**



74HC14 **x1**

Optional Only for THRU OUT



NPN
BC547 **x3**



B0505S-1W
x1



TQ2-L2-5V
x1-2

Tools



Solder Station



Dill Set



Copper Tape
EMV-Shield Inside Body

3D Printer (optional)



Hot Glue



Audio Wire

Order List

<https://www.amazon.de/dp/B0D3D5YB7G>

<https://www.amazon.de/dp/B0DGKQH5QF>

<https://www.amazon.de/dp/B0CPSKSFZM>

<https://www.amazon.de/dp/B0D3DG8M6J>

<https://www.amazon.de/dp/B0DXDVL1PF>

<https://www.amazon.de/dp/B0DRCSM7D1>

<https://www.amazon.de/dp/B0D1Q6P6WK>

<https://www.amazon.de/dp/B0BN1VYW3X>

<https://www.amazon.de/dp/B0BN1NKWYZ>

<https://www.amazon.de/dp/B0CTM58CLJ>

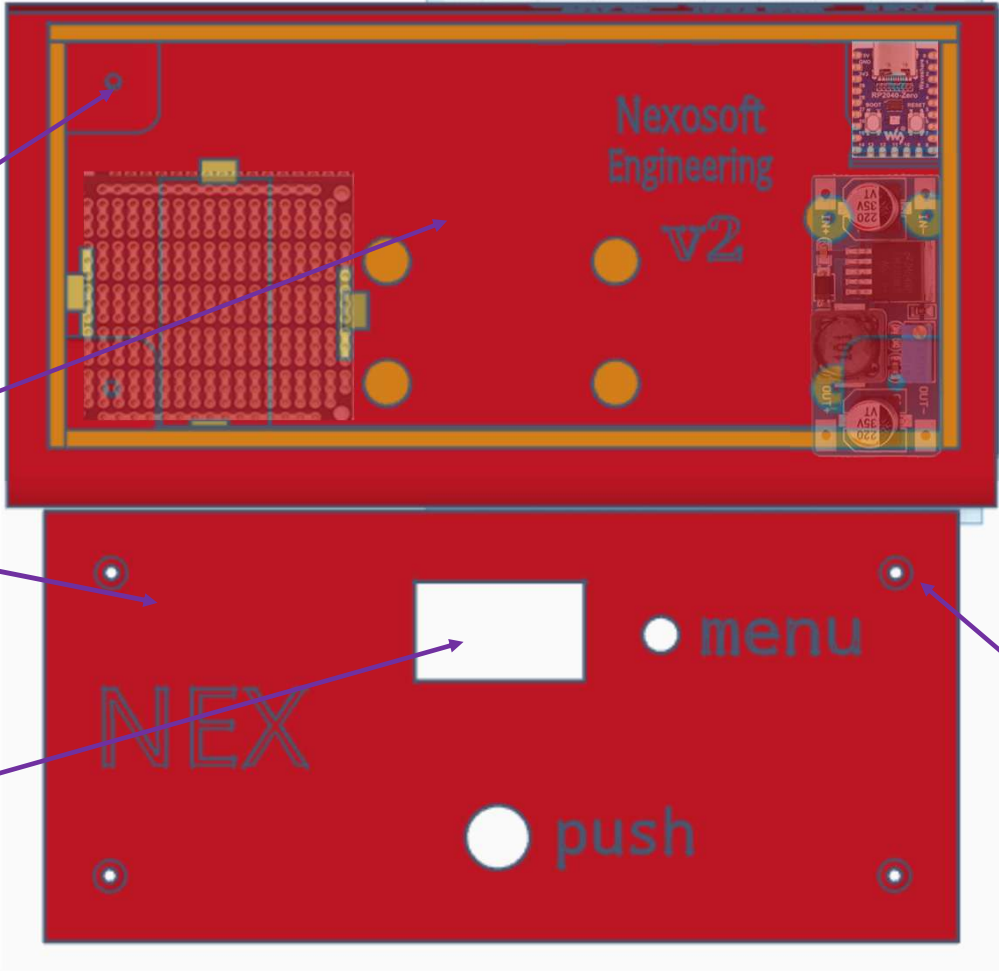
<https://www.amazon.de/dp/B08HQ7K6M7>

Body - 1 FX

M3 x 4 x 5 mm



Copper Tape

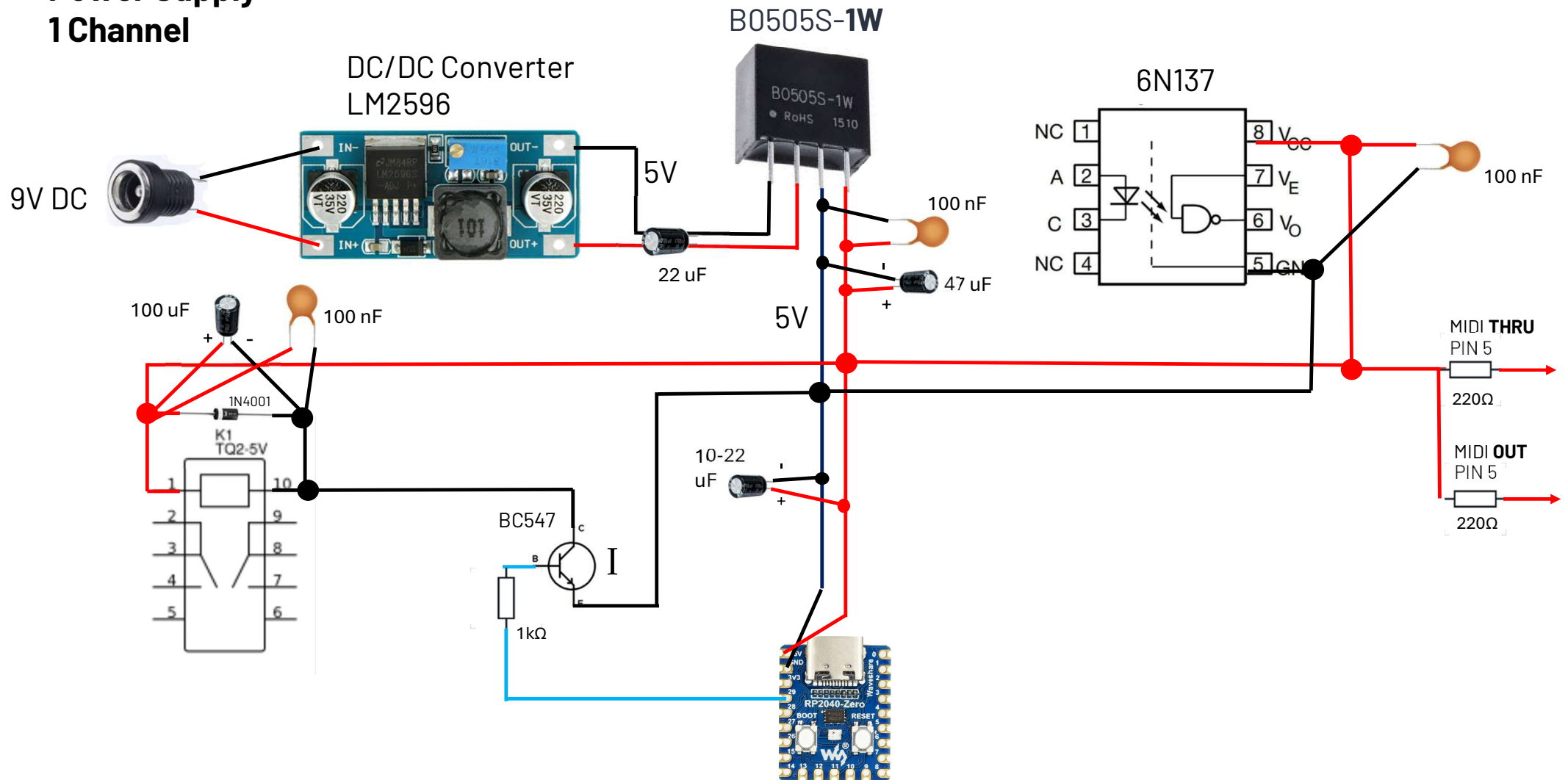


- SSD1306_Back.stl
- SSD1306_Front.stl

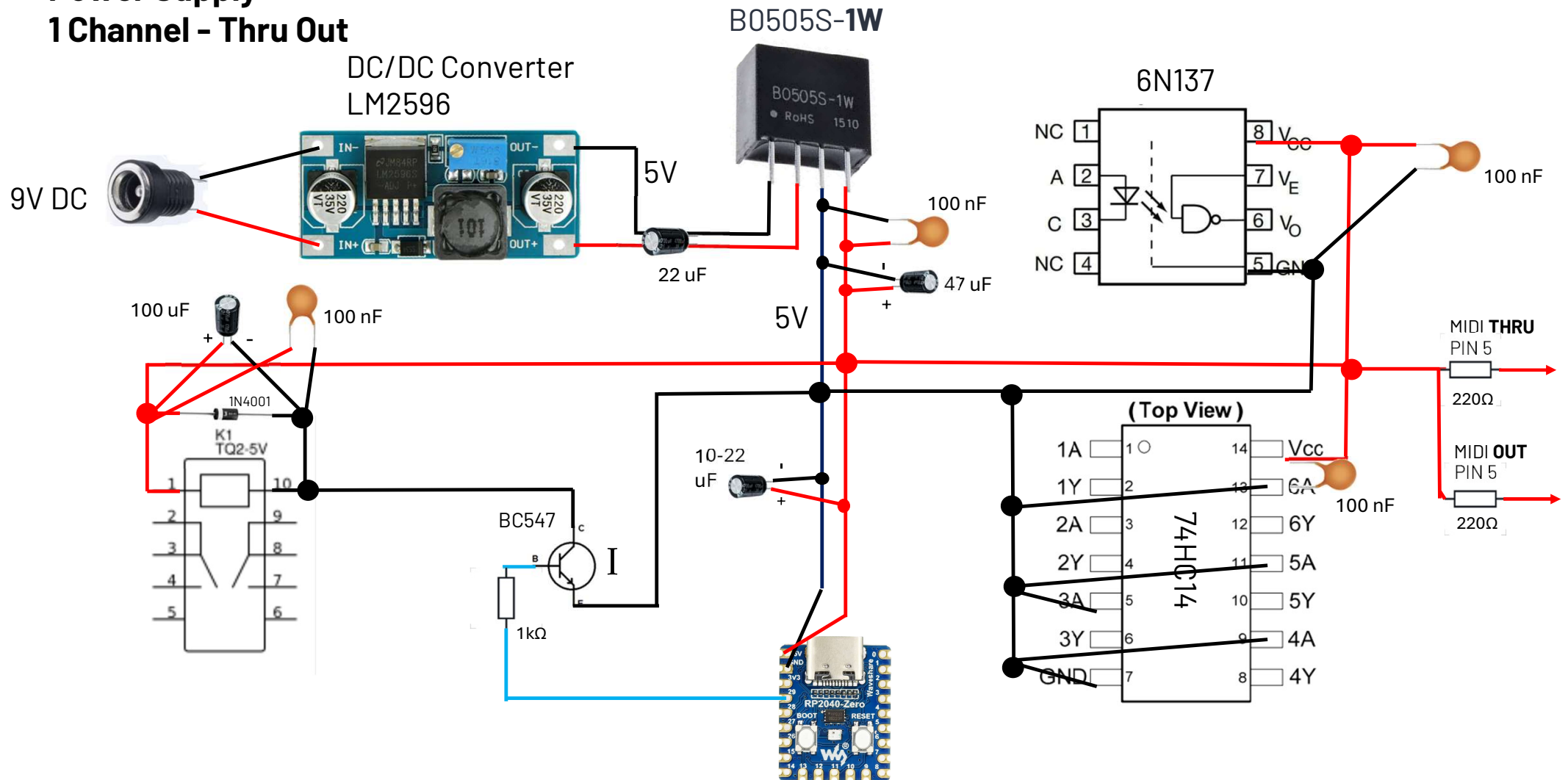


M3-0,5 x 8m

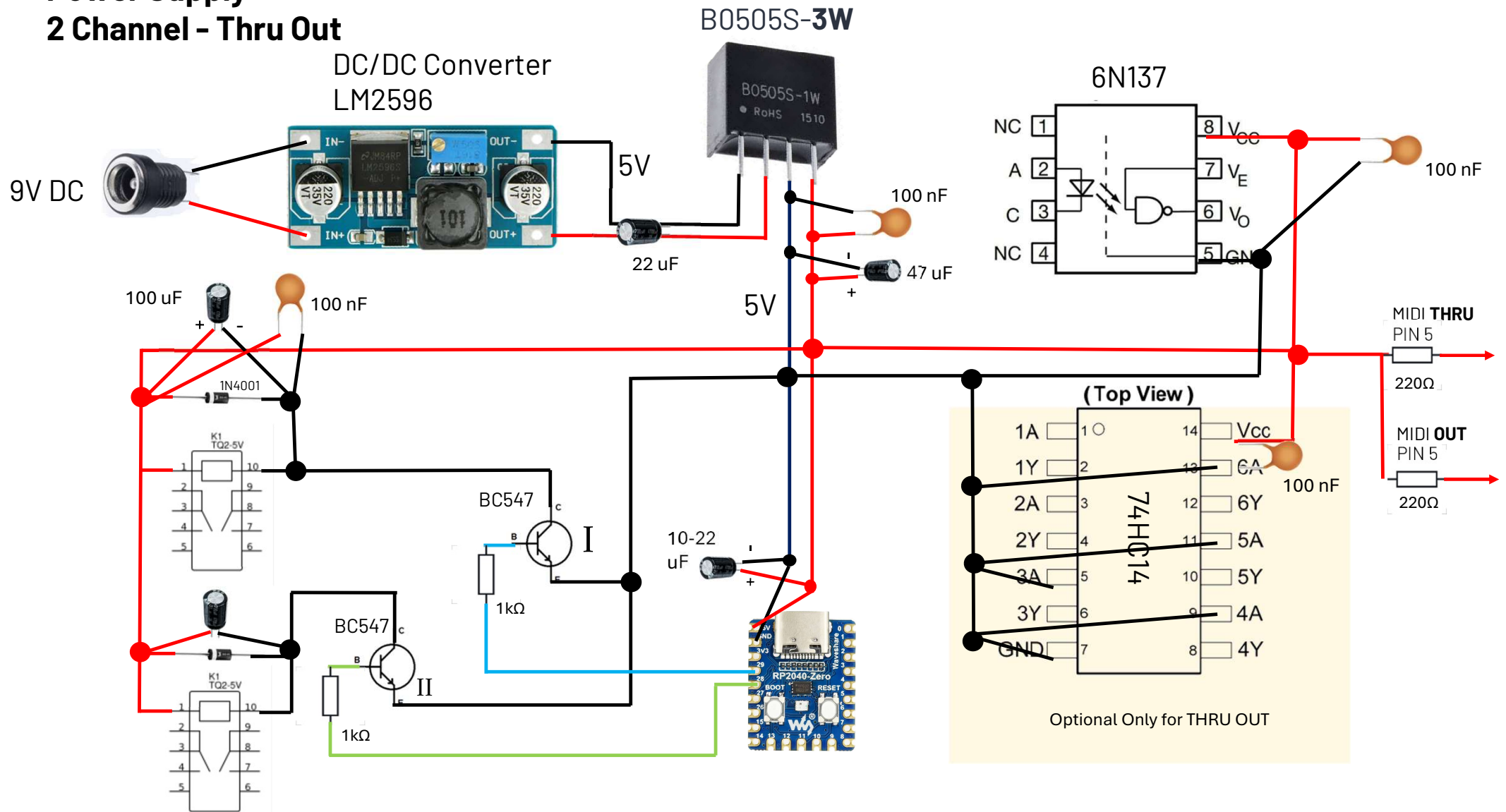
Power Supply - 1 Channel



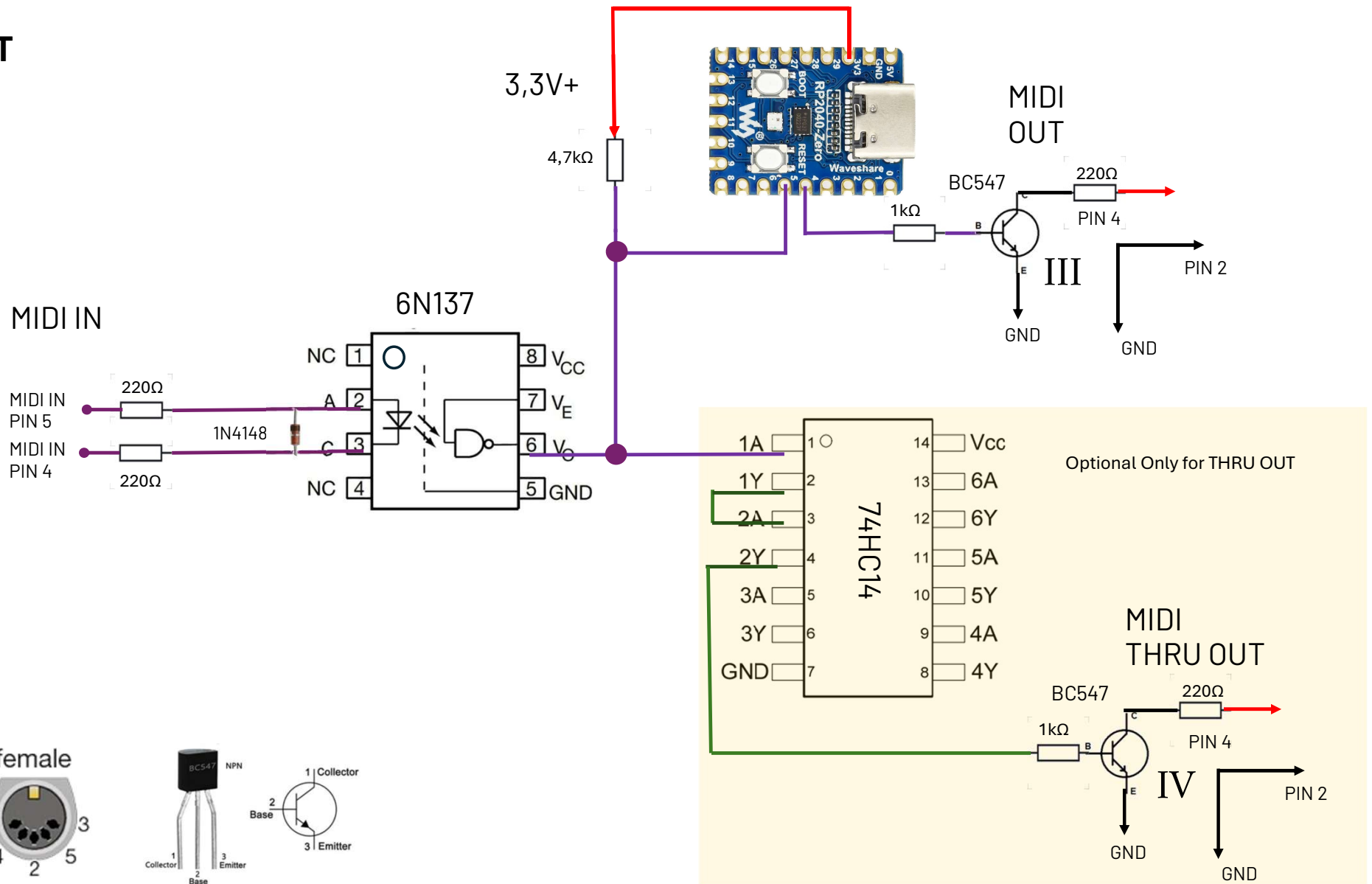
Power Supply - 1 Channel - Thru Out



Power Supply - 2 Channel - Thru Out

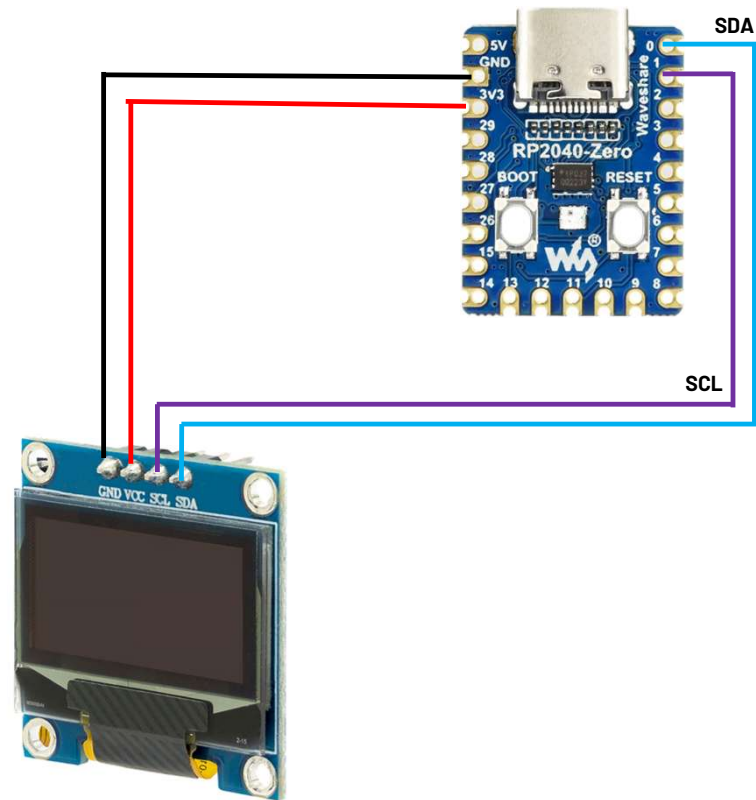


Midi IN/OUT

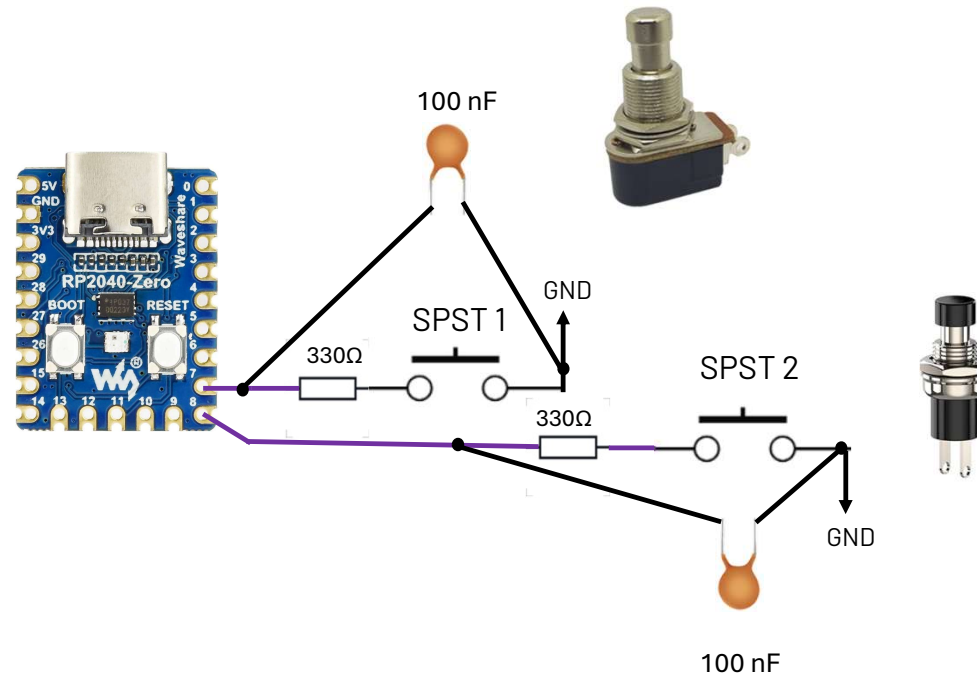


Display

SSD1306
O-LED
I²C !!!

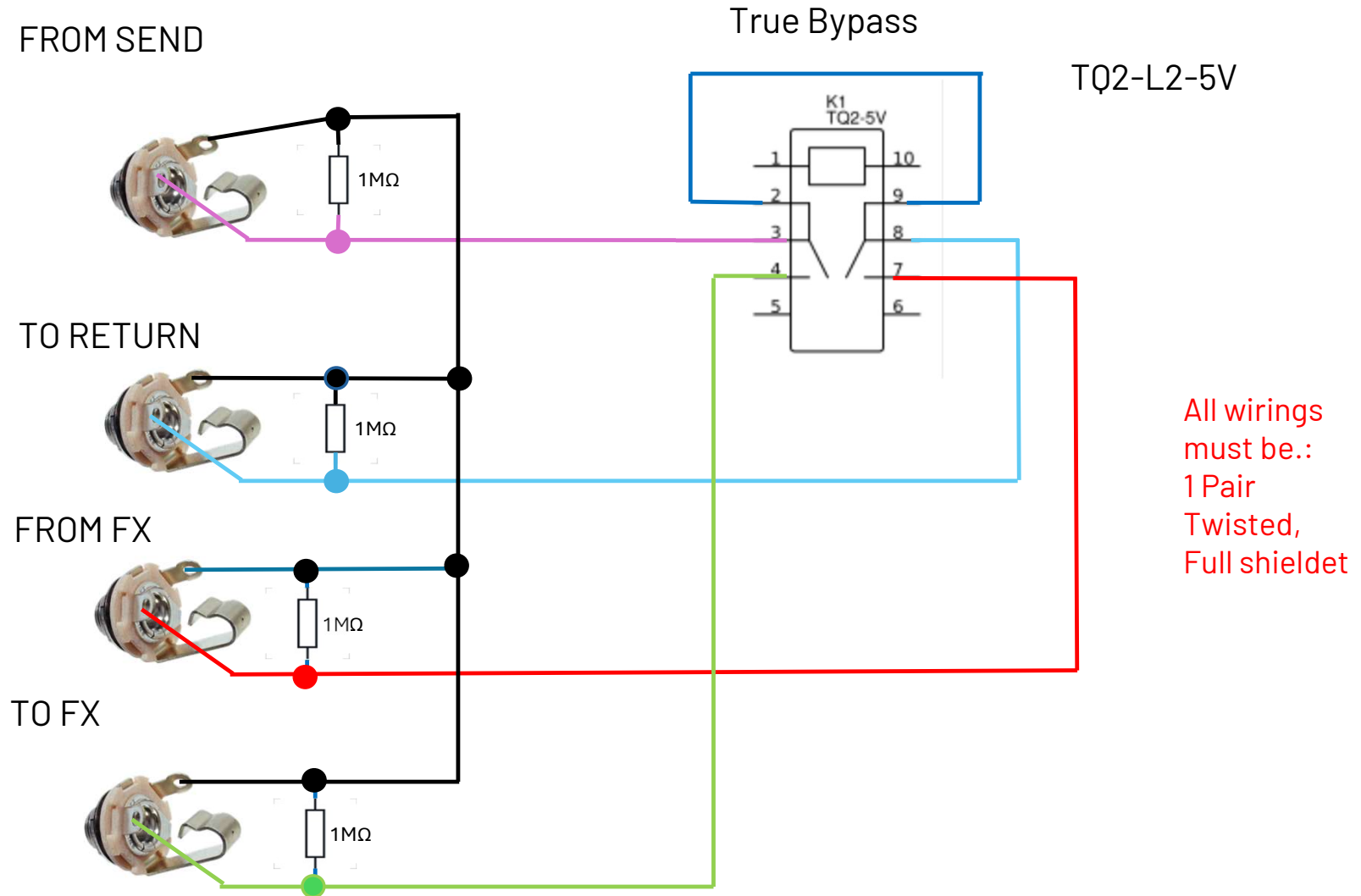


Foot Switches



Loop
FX

1 Channel



2 Channel

FROM SEND

TO FX 1

FROM FX 1

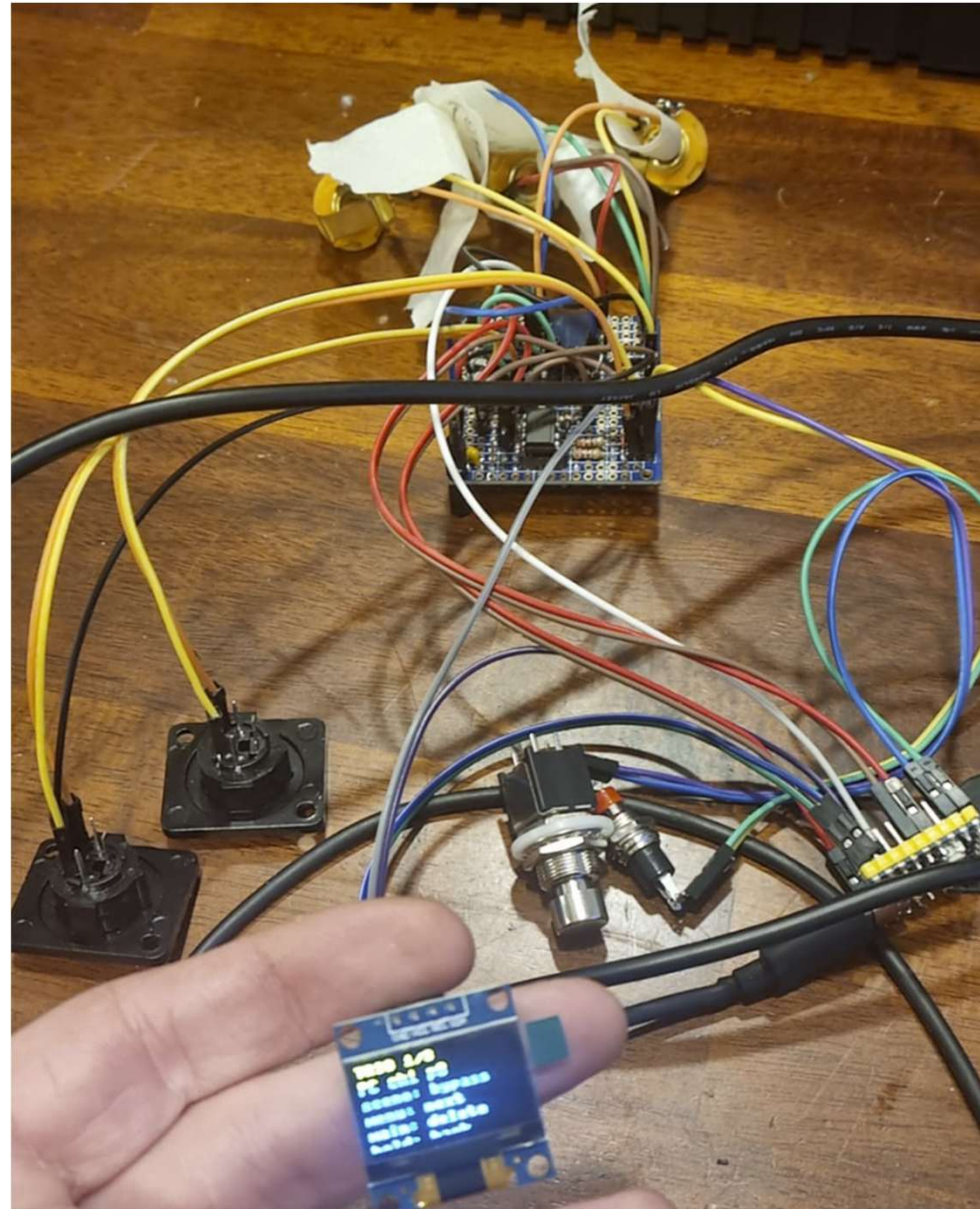
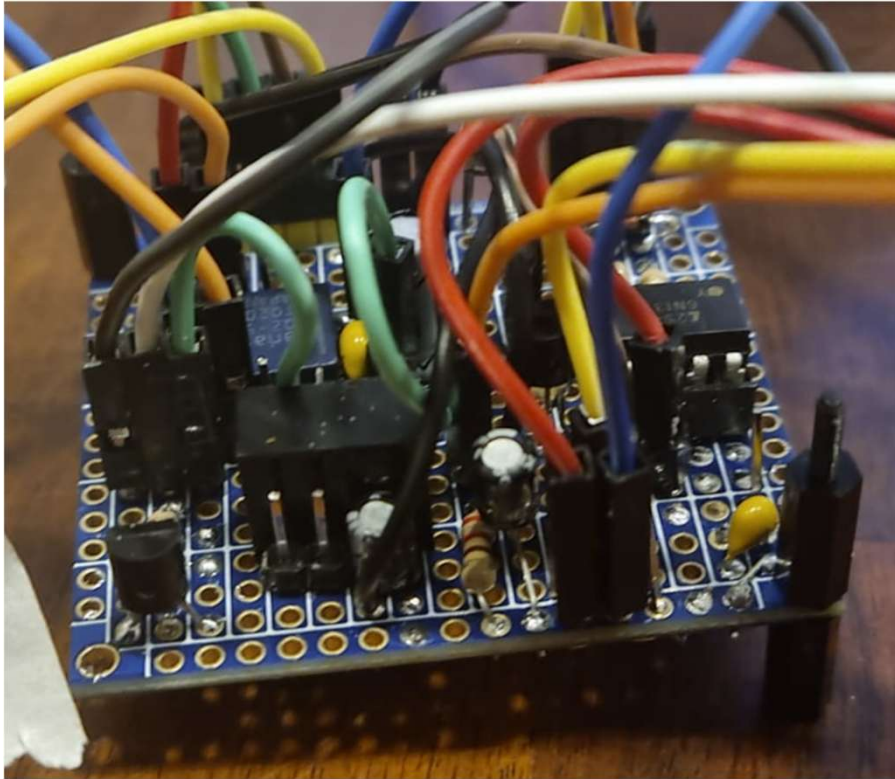
All wirings
must be.:
1 Pair
Twisted,
Full shieldet

FX1 / FX2

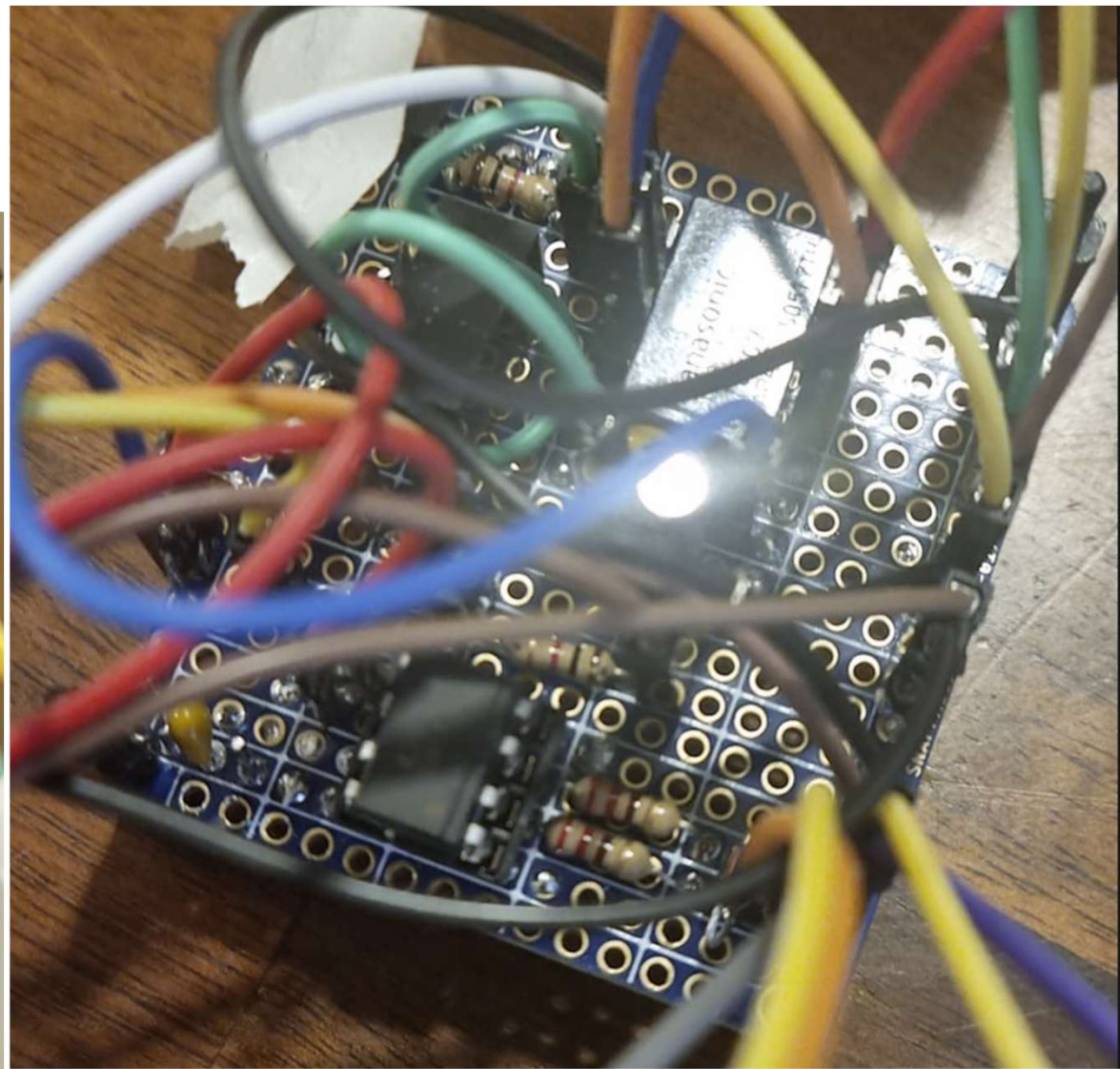
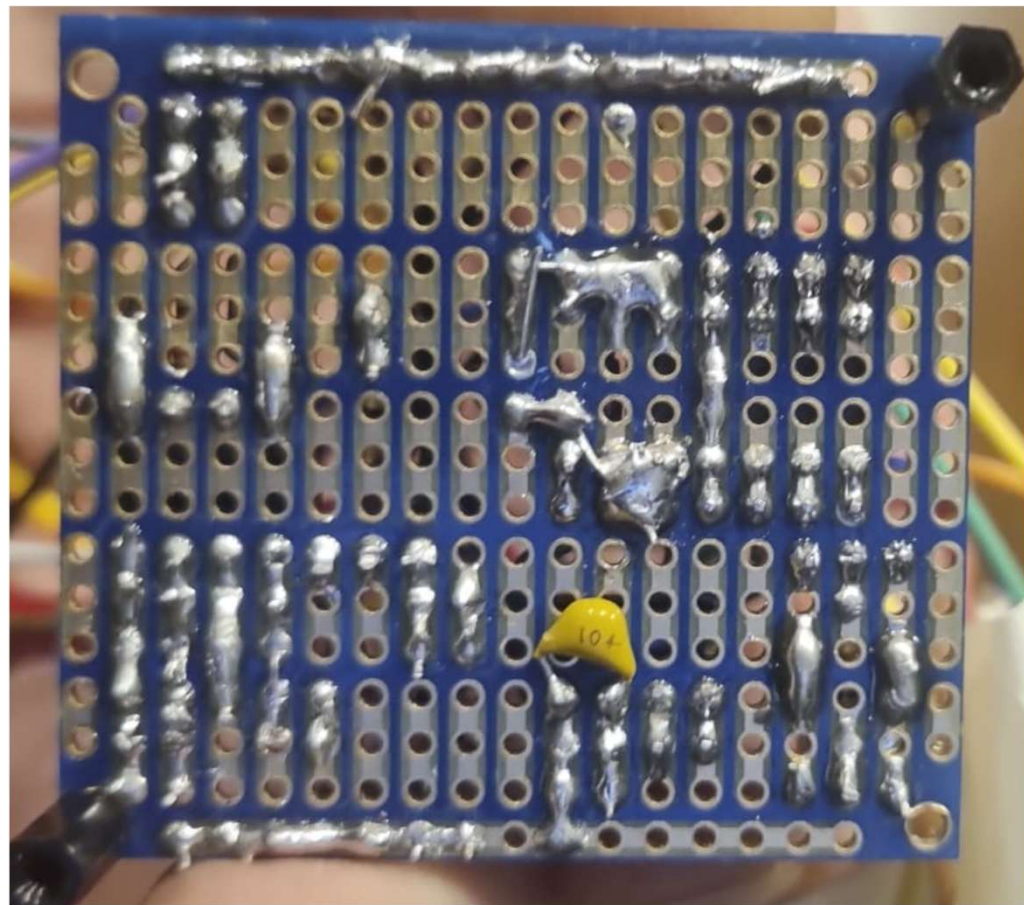
FROM FX 2

TO FX 2

Images



Images



Images

