

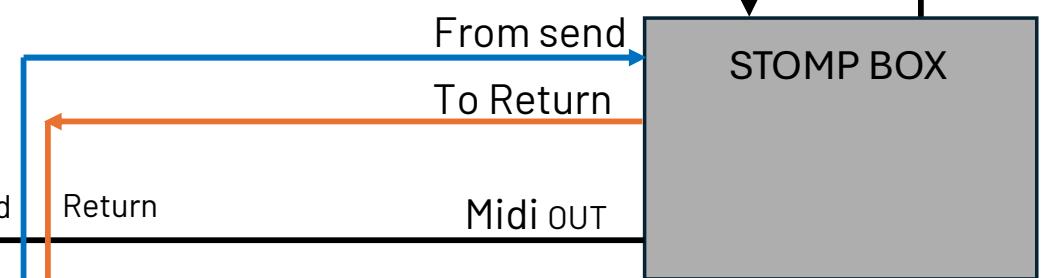
# AMP-Midi-Controller

Works with all Amps with a real Midi Support.

nexosoftengineering@gmail.com

Bogner Überschall  
Friedman BE-100 Deluxe  
Friedman JJ Junior  
Friedman Pink Taco  
Revv D20  
Revv D20+  
Laney Lionheart L5T-112  
Laney Lionheart L20T-410  
Laney IRT Studio  
Laney IRT120H  
Peavey JSX  
Peavey 6505+ MIDI  
Carvin Legacy VL100  
PRS Archon MIDI  
Victory V4 Duchess  
Victory V4 Kraken  
Roland JC-120 MIDI  
Boss Katana Artist  
Boss Nextone Stage  
Fractal Audio Axe-FX III  
Fractal Audio FM9  
Line 6 Helix Rack  
Line 6 Helix Floor  
Headrush Pedalboard  
Headrush Gigboard  
Mooer GE300  
Hotone Ampero  
Zoom G6

ENGL Savage 120 Mark II  
ENGL Savage 60 Mark II  
ENGL Ironball SE  
ENGL Powerball II  
ENGL Special Edition E670  
ENGL Invader II  
Diezel Herbert  
Diezel VH4  
Hughes & Kettner TriAmp Mk II  
Hughes & Kettner TriAmp Mk III  
Hughes & Kettner GrandMeister 36  
Hughes & Kettner GrandMeister 40  
Hughes & Kettner GrandMeister Deluxe 40  
Mesa/Boogie Mark IV  
Mesa/Boogie Mark V  
Mesa/Boogie Mark V:25  
Mesa/Boogie Mark V:35  
Mesa/Boogie Road King  
Mesa/Boogie Roadster  
Marshall JVM410  
Marshall JVM205  
Marshall JVM215  
Blackstar Series One 100  
Blackstar Series One 200  
Blackstar ID:100  
Blackstar ID:Core  
Bogner Ecstasy



From FX  
To FX

From send

To Return

Midi OUT

STOMP BOX

Midi IN

Midi OUT



## Hardware Parts



DC Input-  
Jacket



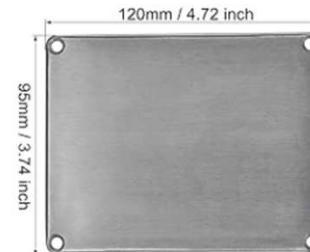
LM2596 **x1**  
Alternativ:  
MP1584EN



Raspberry Pi 2040  
Zero **x1**



SPST Momentary,  
NO  
**x1**



CASE /  
BOX **x1**



6,35mm **x4-6**



Midi 5-POL -Jacket  
**x2-3**

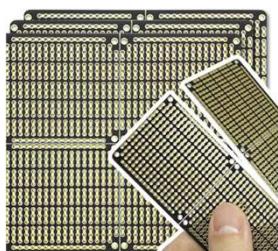


SPST Momentary,  
NO  
**x1**



**SSD1306 OR**  
**SSD1315**  
O-LED  
I<sup>2</sup>C !!!

## Electronic Parts



IC Socket, 8 , 14 ,10  
PINS



Electro Cookie PCB



100 nF



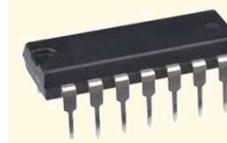
6N137 **x1**



100 uF

47 uF

10-22 uF



74HC14 **x1**

Optional Only for THRU OUT



1 MΩ 4x

1 kΩ 0 4x

220Ω 4x

4,7 kΩ 1x

47 kΩ 1x



NPN  
BC547 **x3**



B0505S-1W  
**x1**



1N4001 **x1**



1N4148 **x1**



TQ2-L2-5V  
**x1-2**

# Tools



Solder Station



Drill Set

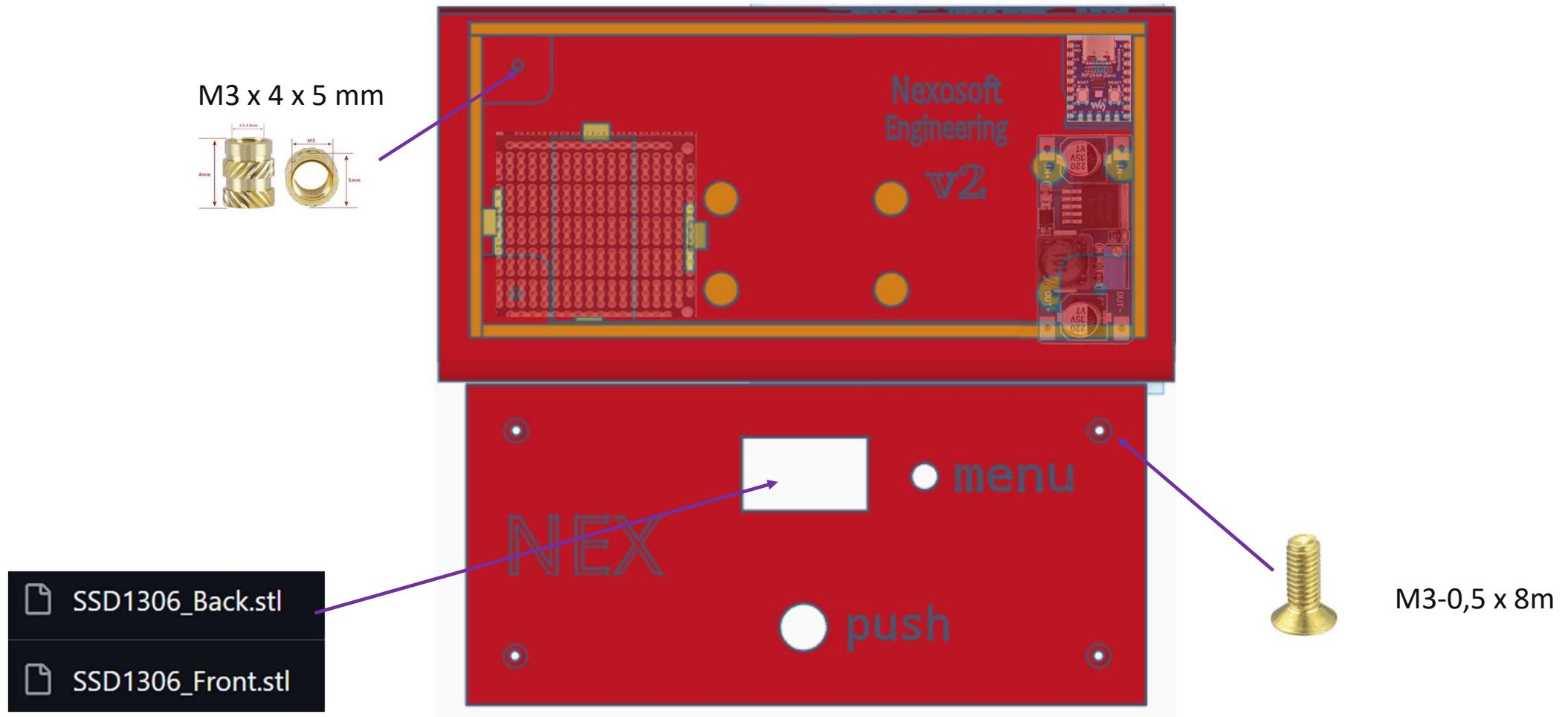
3D Printer (optional)



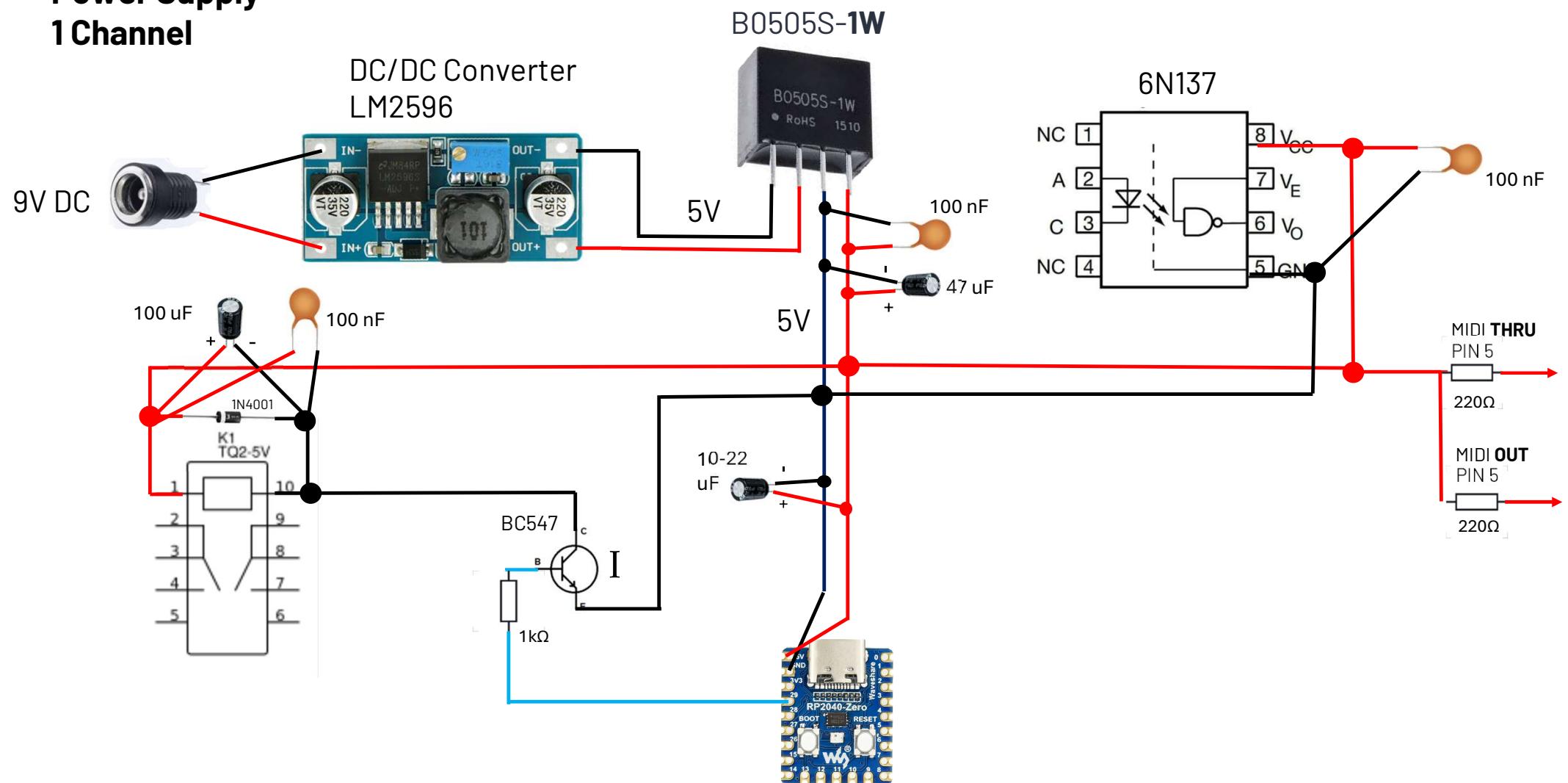
Hot Glue



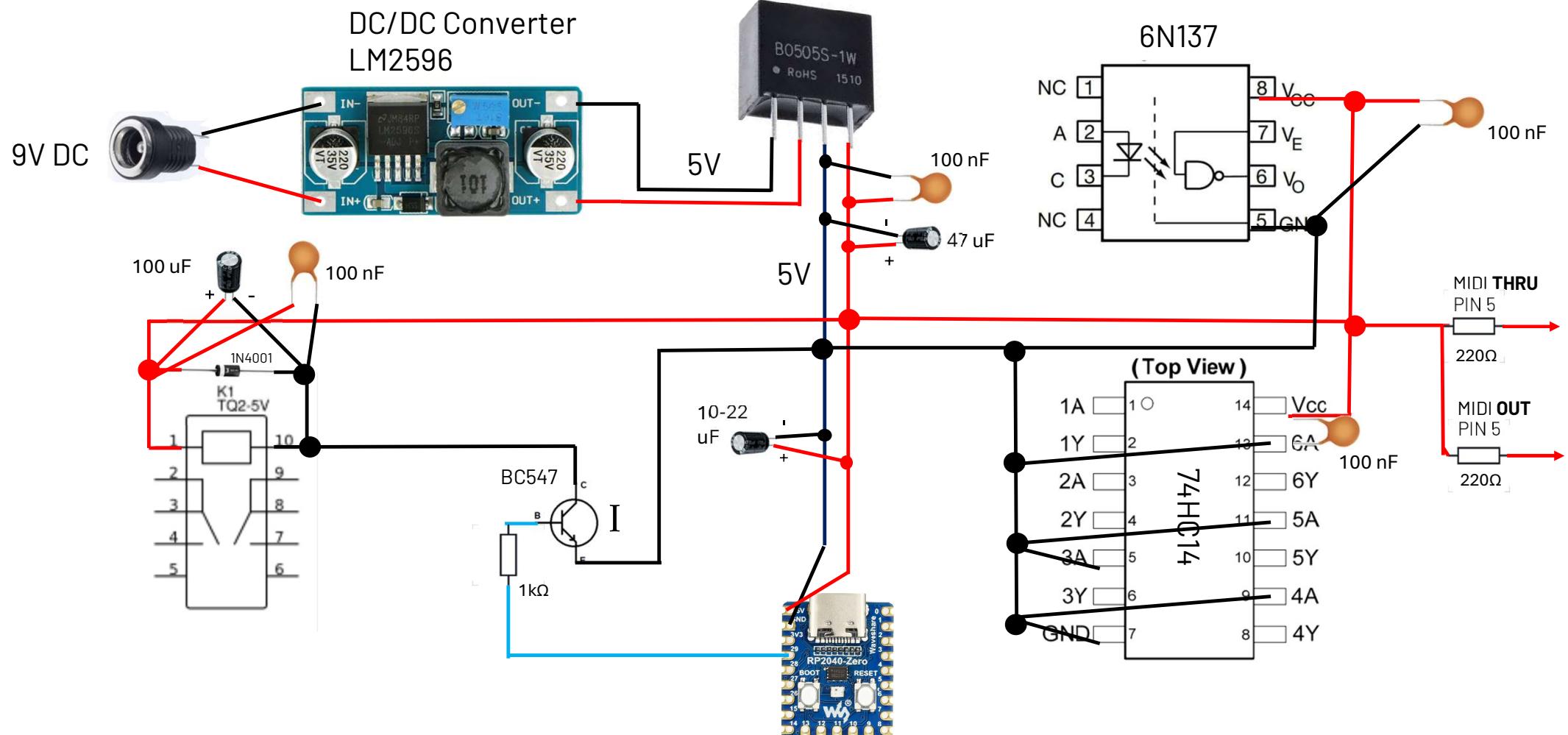
## Body - 1FX



# **Power Supply - 1 Channel**



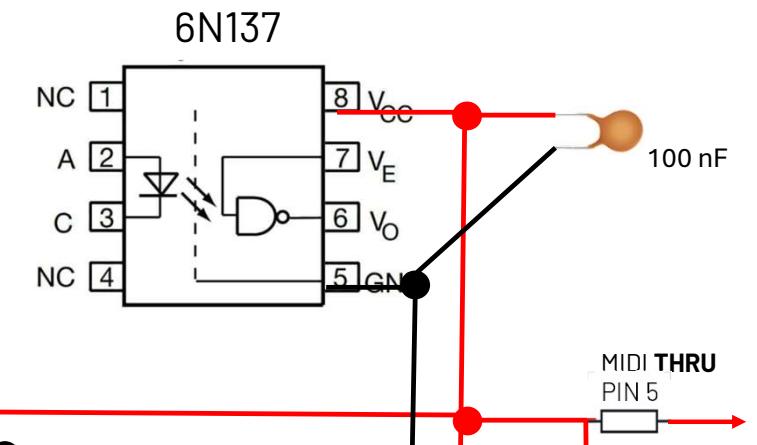
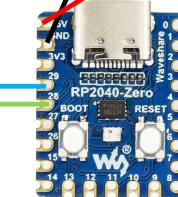
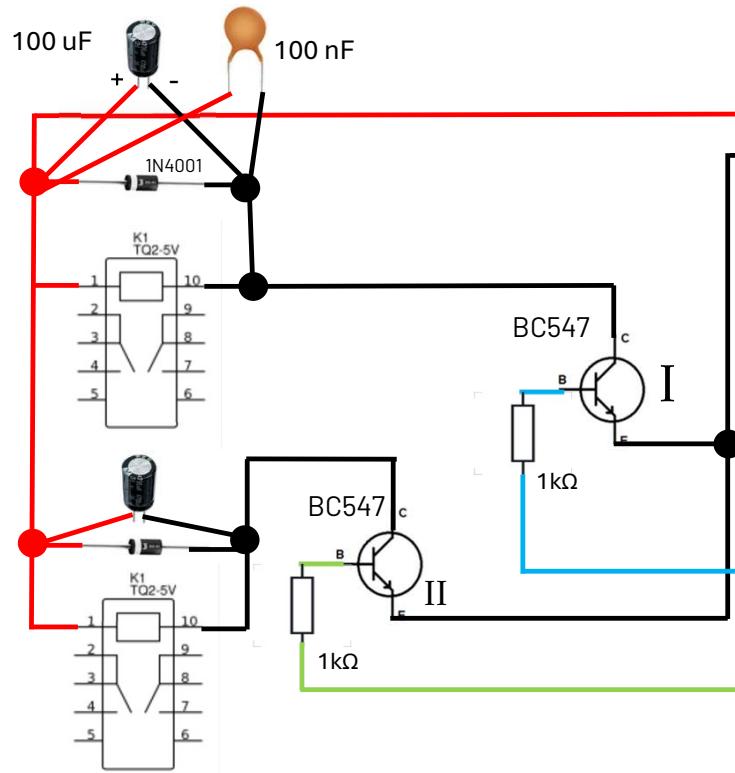
## Power Supply - 1 Channel - Thru Out



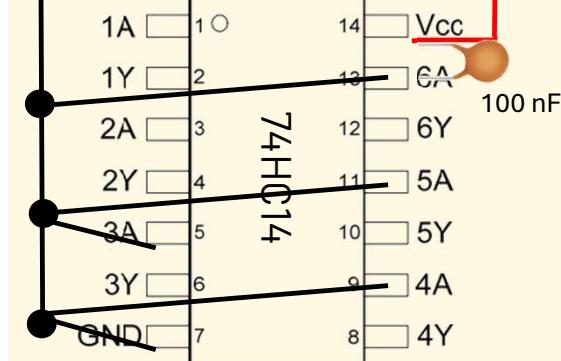
## Power Supply - 2 Channel - Thru Out



B0505S-3W

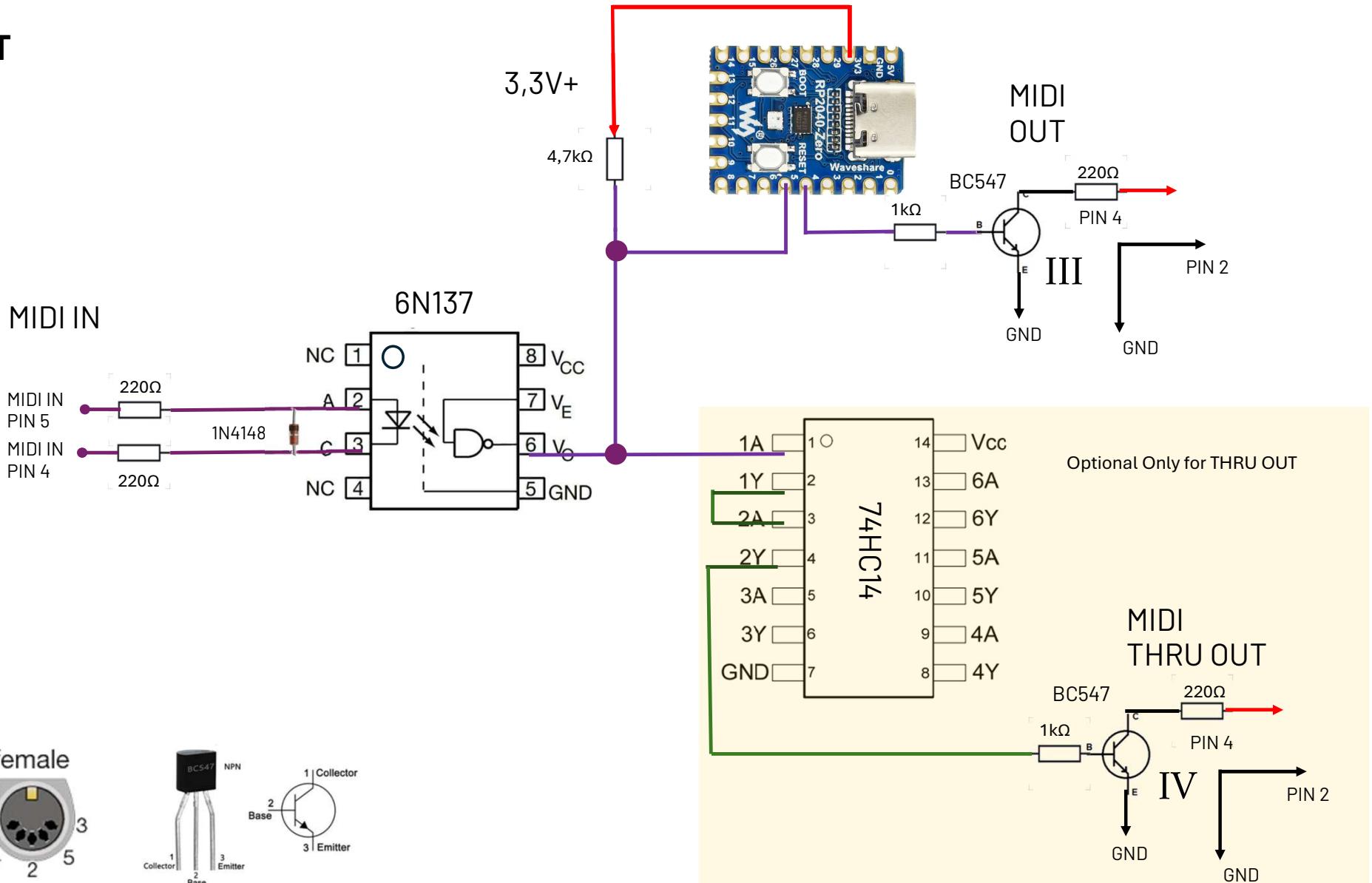


(Top View)

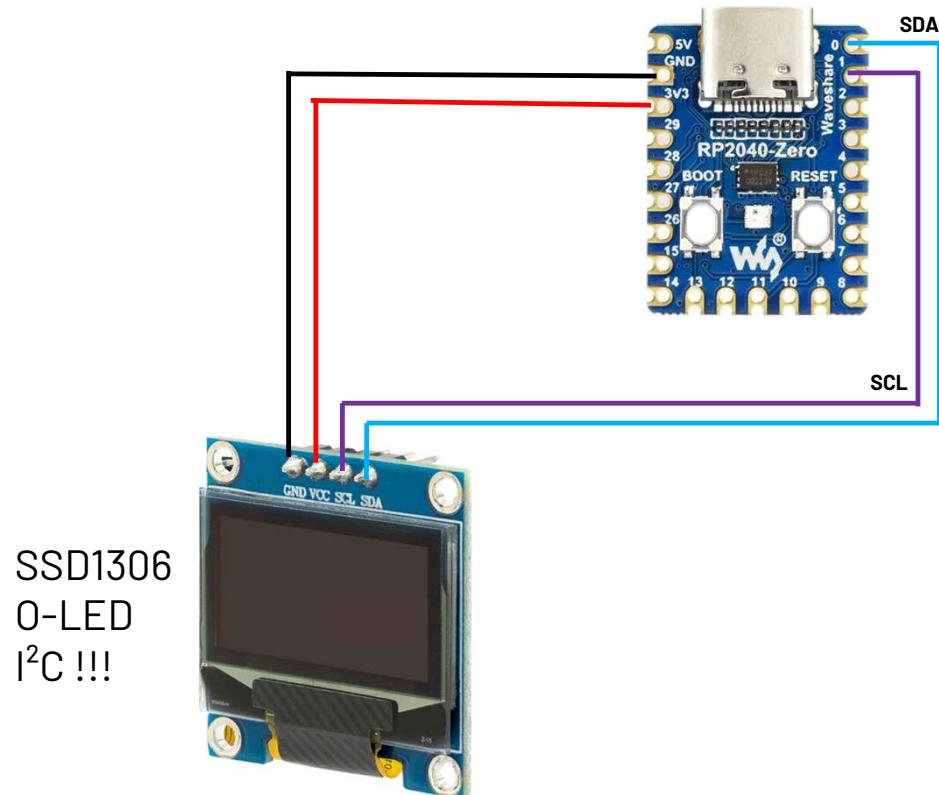


Optional Only for THRU OUT

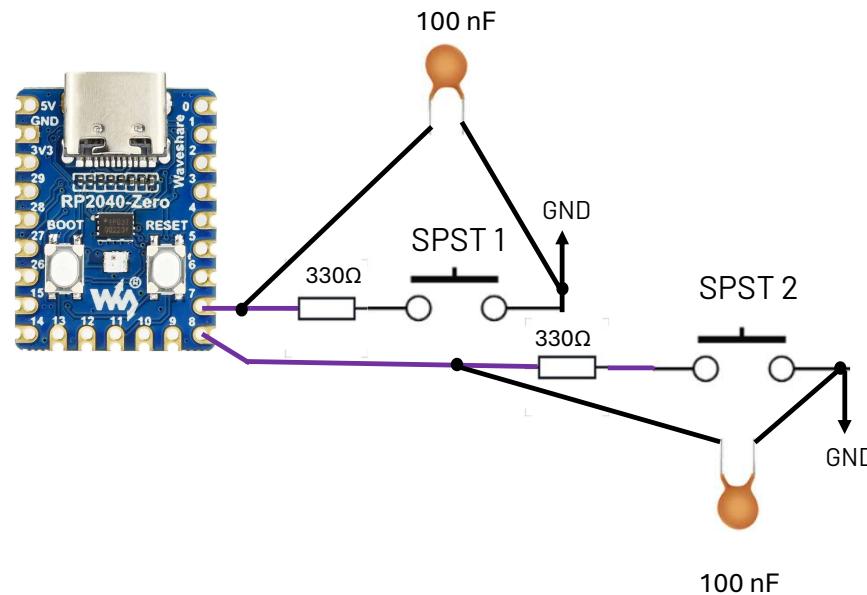
## Midi IN/OUT



## Display



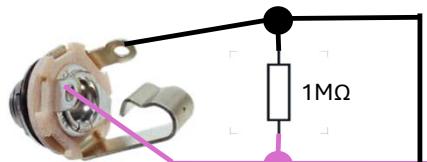
## Foot Switches



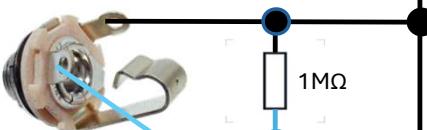
# Loop FX

1 Channel

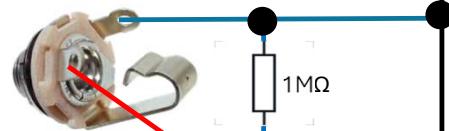
FROM SEND



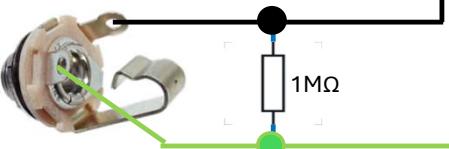
TO RETURN



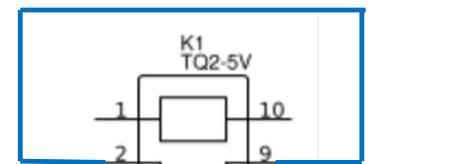
FROM FX



TO FX



True Bypass



TQ2-L2-5V

# Loop FX

## 2 Channel

B0505S-3W !!!

