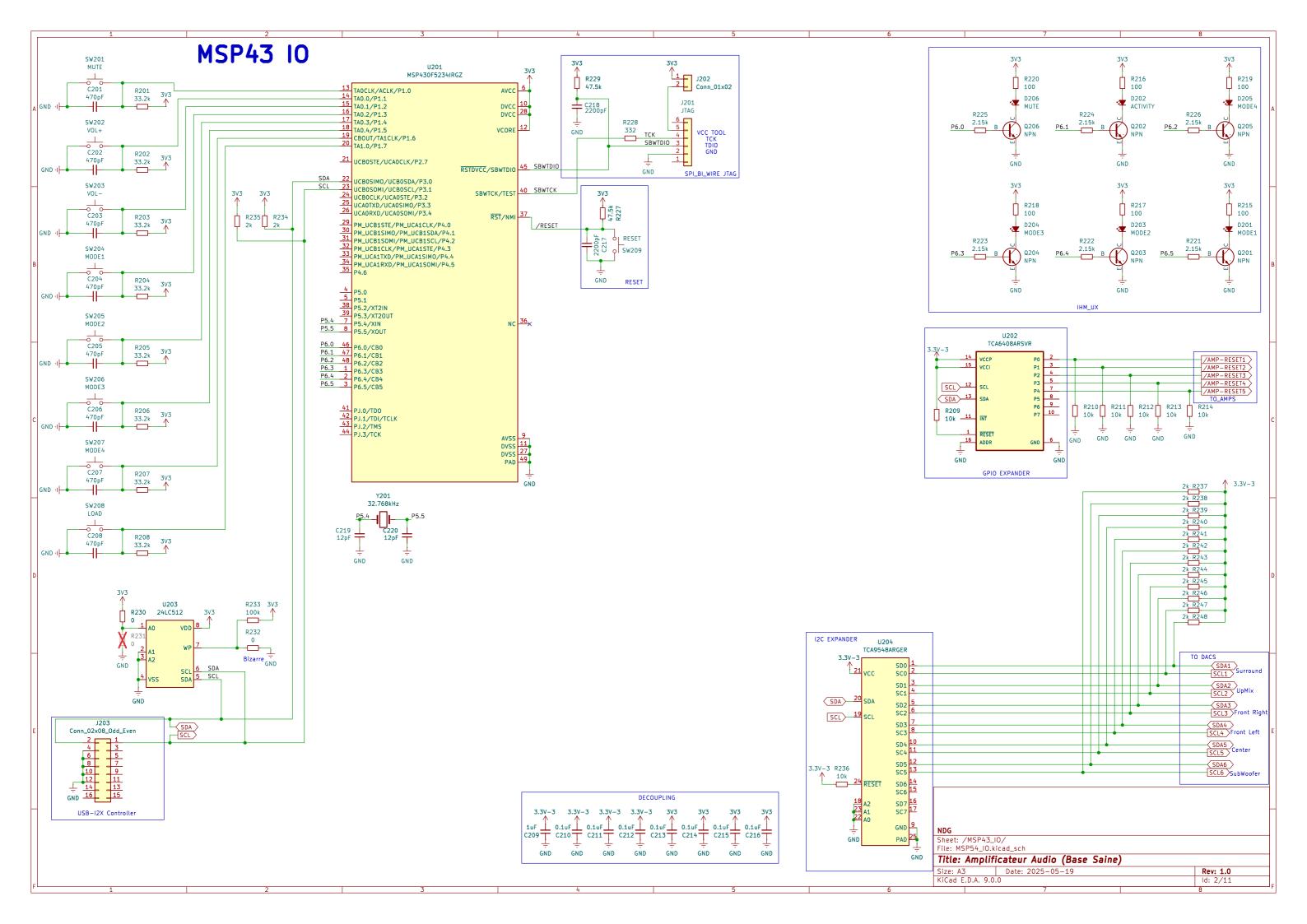
MSP43\_I0 Clock\_Drivers Surrond\_Channel Up\_Channel Front\_Right\_Channel Front\_Left\_Channel Center\_Channel Subwoofer\_Channel Power\_Supplies Analog\_lo\_Board File: MSP54\_10.kicad\_sch File: Clock\_Drivers.kicad\_sch File: Surrond\_Channel.kicad\_sch File: Up\_Channel.kicad\_sch File: Front\_Right\_Channel.kicad\_sch File: Front\_Right\_Channe NDG
Sheet: /
File: Amplificateur\_Audio.kicad\_sch

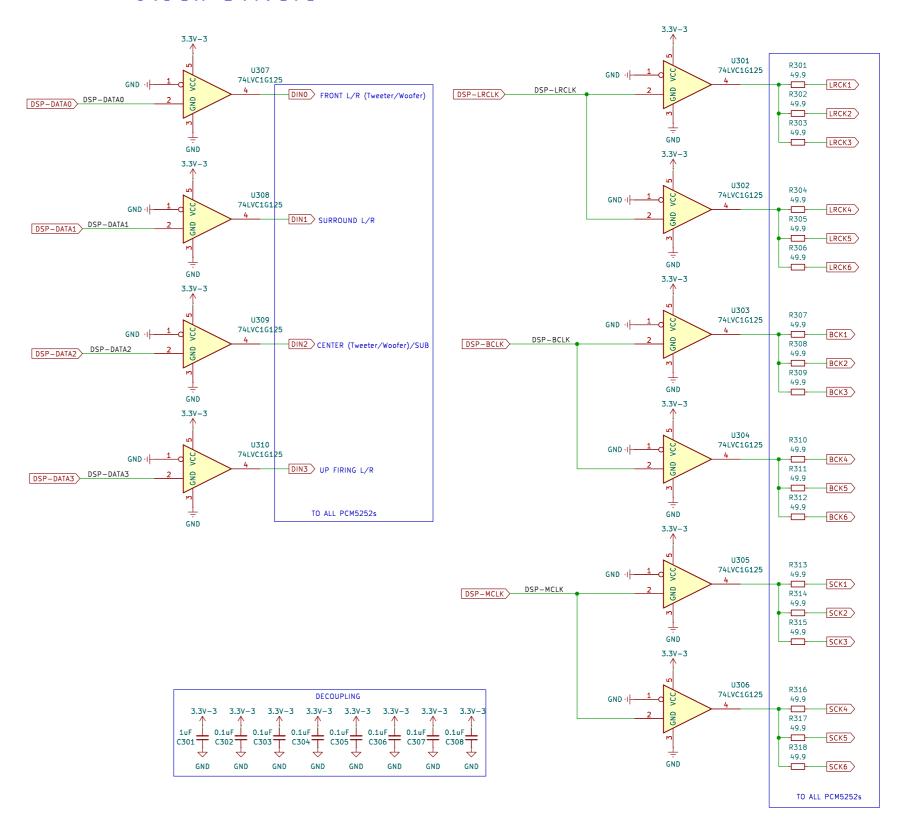
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KiCad E.D.A. 9.0.0



# 

#### MONITORS R319 R321 47k R320 FROM ALL AMPS 100 Q301 /CLIP\_OTW1 R323 0 /CLIP\_OTW1 D301 OTW (Orange) /CLIP\_OTW2 R324 /CLIP\_OTW2 GND GND R325 /CLIP\_OTW3 R326 /CLIP\_OTW4 /CLIP\_OTW5 /CLIP\_OTW5 3.3V-3 R334 R332 47k R333 100 /FAULT1 /Fault1 R328 0 TP301 FAULT NMOS FAULT (Rouge) R329 /Fault2 GND 0 R330 GND /FAULT3 /Fault3 0 R331 /FAULT4 /Fault4 /FAULT5 /Fault5

# **Clock Drivers**



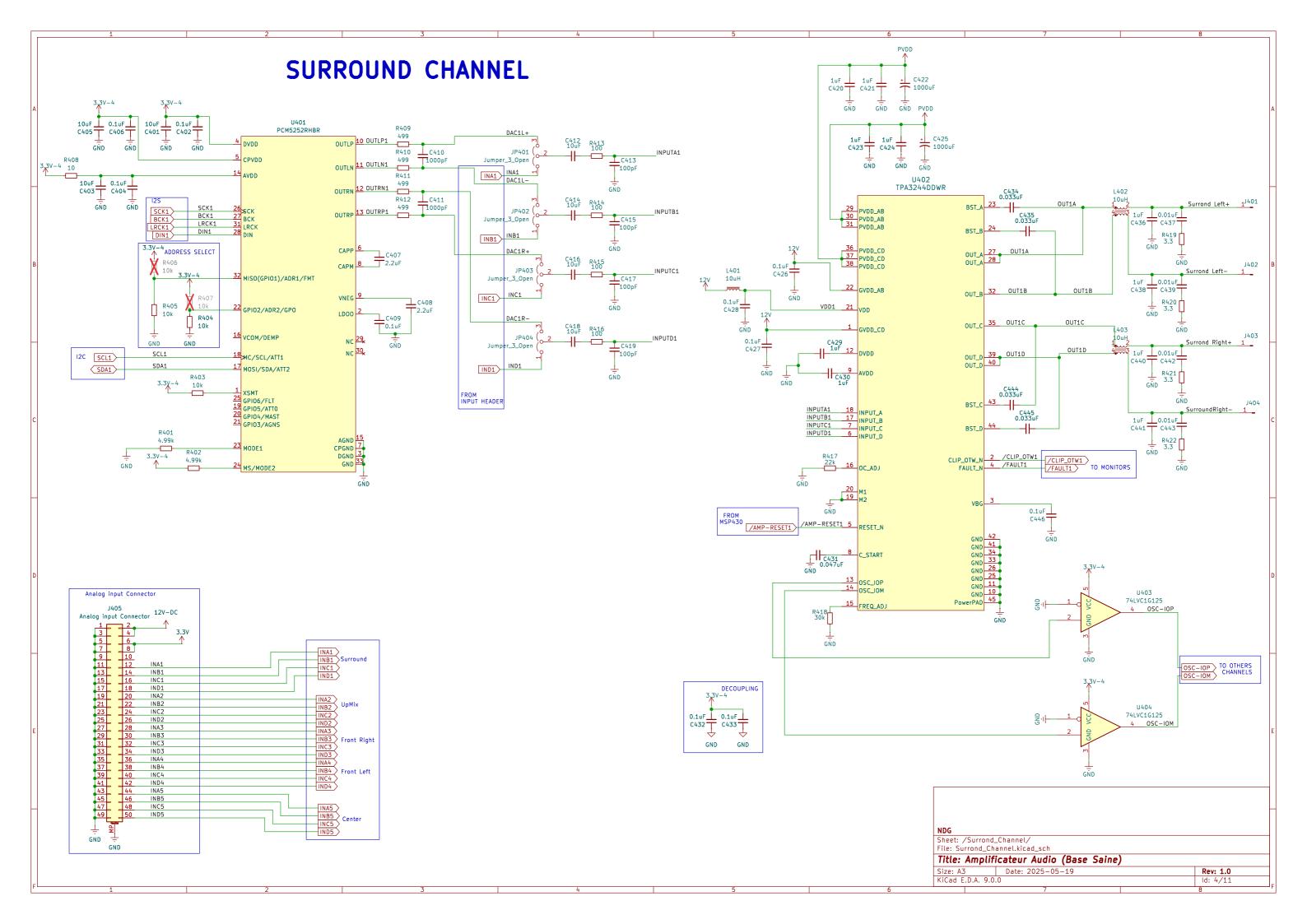
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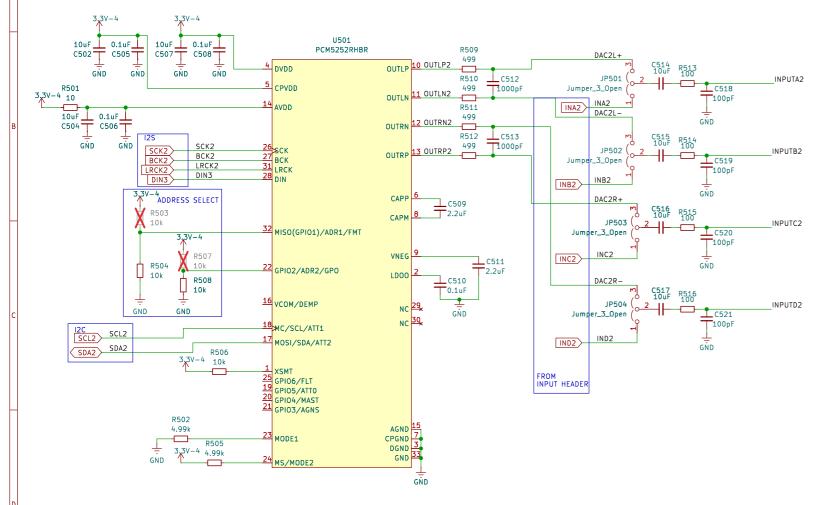
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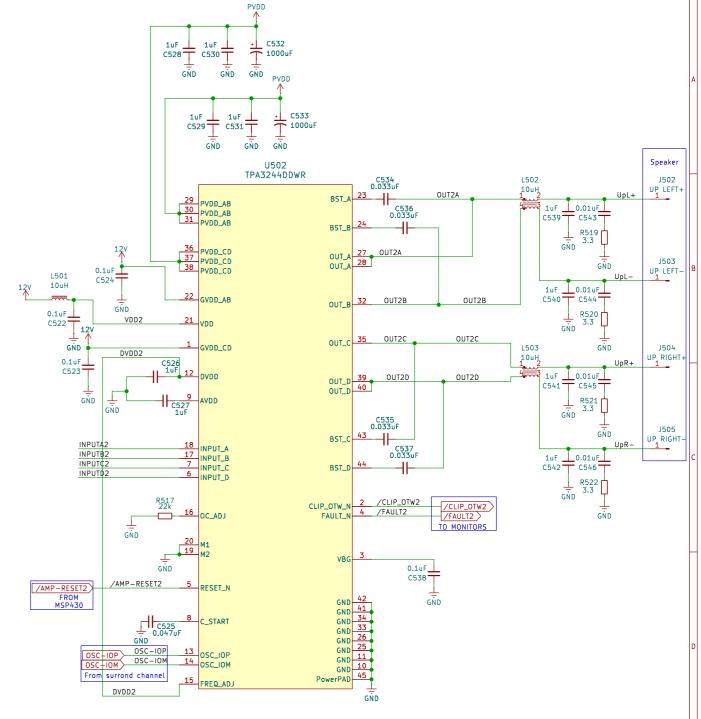
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KiCad E.D.A. 9.0.0 Id: 3/11



### **UP CHANNEL**





NDG

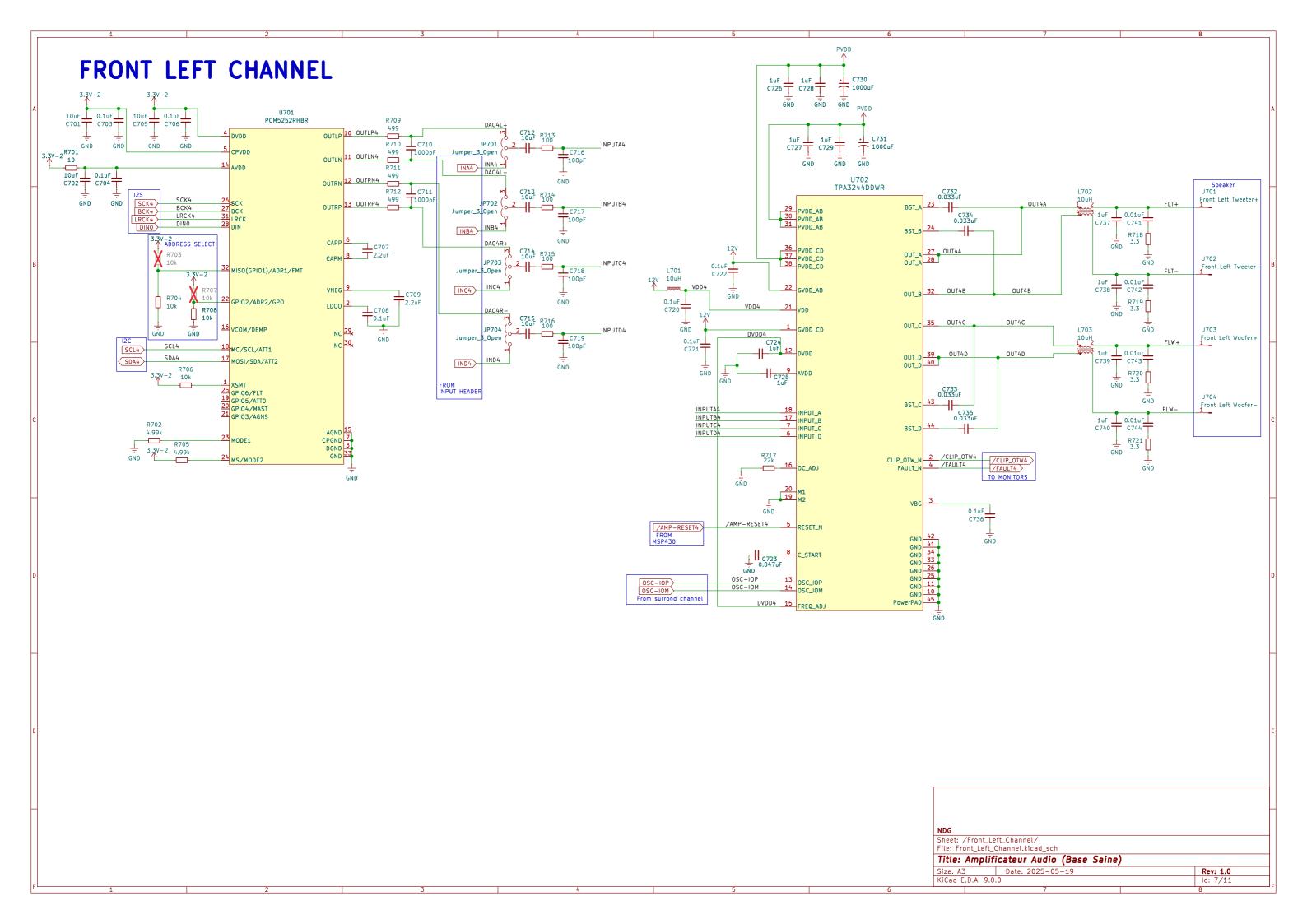
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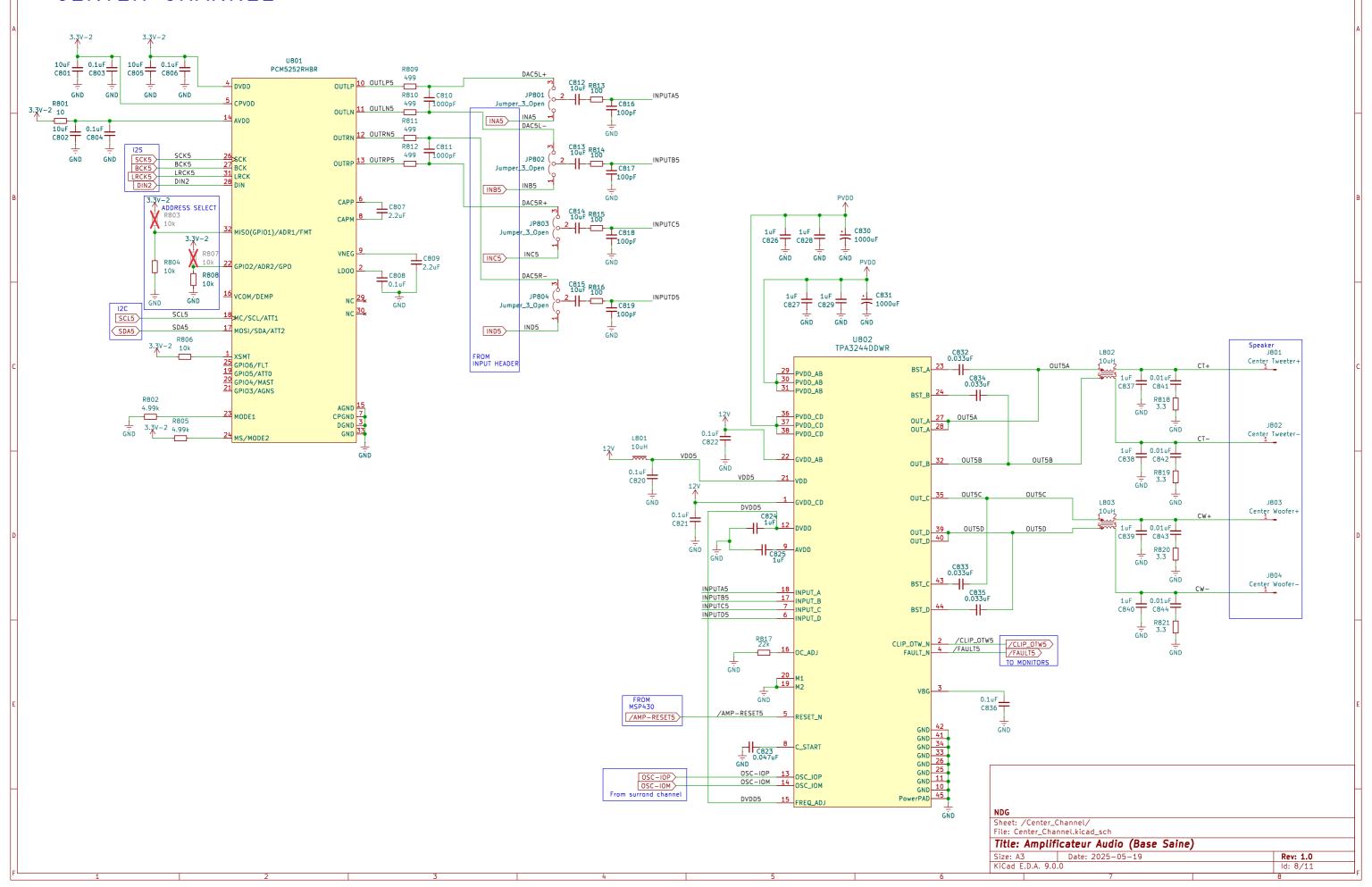
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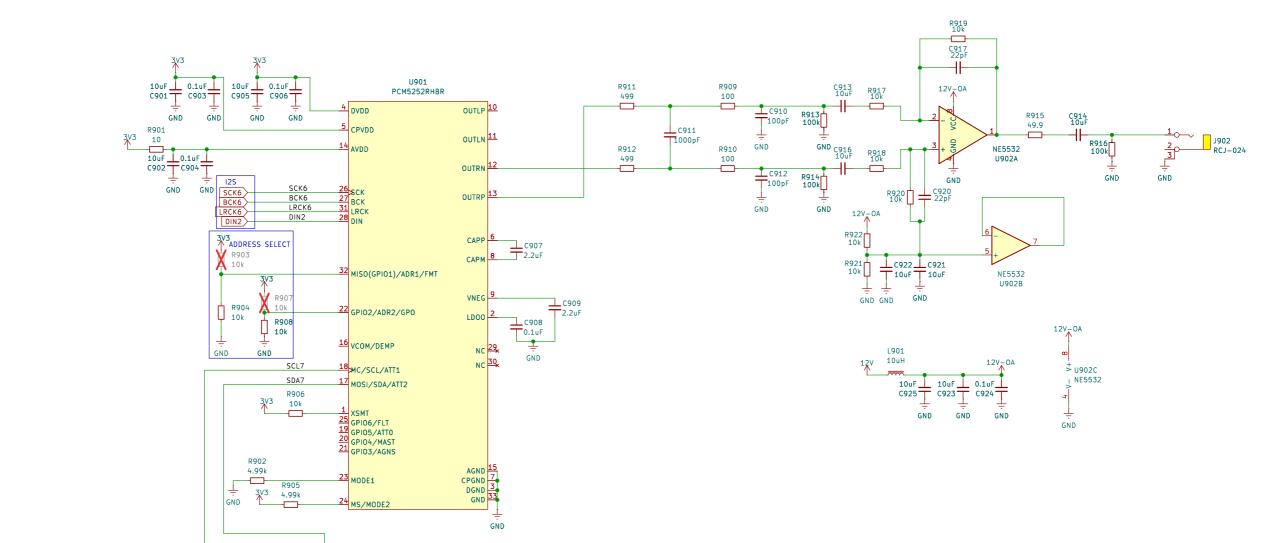
#### FRONT RIGHT CHANNEL 10uF 10uF 0.1uF 10uF 0.1uF C601 C603 C606 1 U601 PCM5252RHBR 499 C612 10uF R613 OUTLP 10 OUTLP3 R601 10uF 0.1uF C602 C604 10ur 100 C616 100pF R610 \_\_\_\_\_C610 JP601 1 OUTLN3 499 1000pF Jumper\_3\_Open INA3 H 12 OUTRN3 499 C613 R614 OUTRP 13 OUTRP3 499 1000pF SCK3 BCK3 BCK3 LRCK3 LRCK3 DINO 26 27 BCK 31 LRCK DIN JP602 C617 100pF Jumper\_3\_Open 1uF 1uF 1 C626 C628 1000uF INB3 INB3 GND GND 3.3V−4 ↑ ADDRESS SELECT CAPP DAC3R+ C607 2.2uF C614 10uF R615 R603 CAPM 8 C618 100pF JP603 ( MISO(GPIO1)/ADR1/FMT Jumper\_3\_Open C627 C629 INC3 R604 GND GND GPI02/ADR2/GPO 10k C608 0.1uF R608 U602 TPA3244DDWR C615 10uF R616 10k C632 0.033uF J601 Front Right Tweete JP604 C619 100pF OCOM/DEMP Jumper\_3\_Open 29 30 31 PVDD\_AB PVDD\_AB SCL3 MC/SCL/ATT1 0.01uF C641 1uF C637 SCL3 SDA3 17 MOSI/SDA/ATT2 IND3 IND3 R606 R618 3.3 SDA3 3,3V-4 10k GND 36 37 PVDD\_CD PVDD\_CD OUT\_A 27 OUT3A 28 25 GPI06/FLT GPI05/ATT0 20 GPI04/MAST GPI03/AGNS FROM INPUT HEADER J602 Front Right Tweet GND 0.1uF C622 L601 10uH 0.01uF C642 1uF C638 R602 OUT3B OUT3B AGND 7 CPGND 3 DGND 33 GND 33 OUT B 4.99k GND 0.1uF C620 R619 3.3 3.3V-4 4.99k MODE1 GND OUT\_C 35 OUT3C OUT3C GND J603 Front Right Woofer+ 10uH 0.1uF C621 C624 1uF 1uF C639 0.01uF C643 OUT\_D 39 OUT\_D 40 R620 3.3 GND J604 Front Right Woofer GND 18 INPUT\_A 17 INPUT\_B 1NPUT\_C INPUT\_D INPUTA3 INPUTB3 INPUTC3 C635 0.033uF 0.01uF C644 R621 3.3 CLIP\_OTW\_N 2 /CLIP\_OTW3 /CLIP\_OTW3 /FAULT\_N 4 /FAULT3 /FAULT3 GND TO MONITORS 0.1uF C636 /AMP-RESET3 5 RESET\_N /AMP-RESET3 FROM MSP430 GND 26 GND 25 GND 11 GND 10 OSC-IOP OSC-IOP OSC-IOM From surrond channel Sheet: /Front\_Right\_Channel/ File: Front\_Right\_Channel.kicad\_sch Title: Amplificateur Audio (Base Saine) Size: A3 Date: 2025-05-19 KiCad E.D.A. 9.0.0

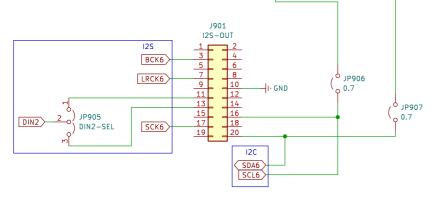


### **CENTER CHANNEL**



# SUBWOOFER CHANNEL





NDG

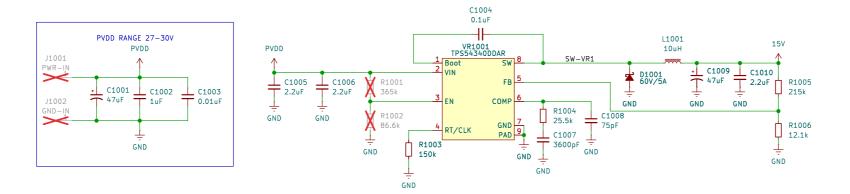
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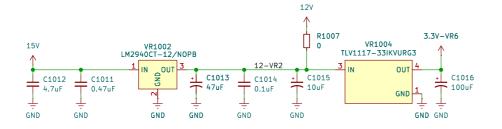
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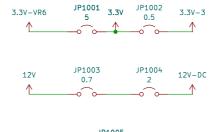
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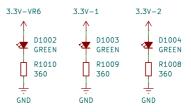
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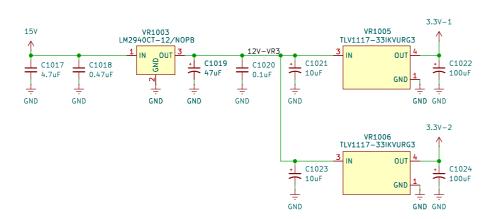


# **POWER SUPPLIES**









3.3V-1	JP1005 3	3.3V-4
1		

NDG
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Title: Amplificateur Audio (Base Saine)
Size: A3 Date: 2025-05-19 Rev: 1.0
KiCad E.D.A. 9.0.0 Id: 10/11

