

Power

File: Power.kicad_sch

MCU

File: MCU.kicad_sch

Input_stage

File: Input_stage.kicad_sch

Output_stage

File: Output_stage.kicad_sch

filters

File: filters.kicad_sch

potentiometers

File: potentiometers.kicad_sch

display

File: display.kicad_sch

TapTempo (EXT_INT)

File: taptempo.kicad_sch

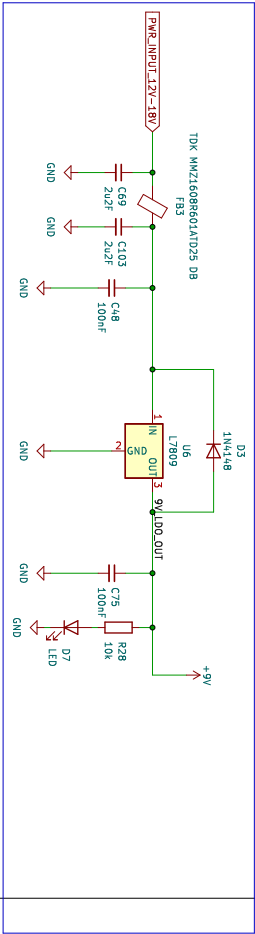
codec

File: codec.kicad_sch

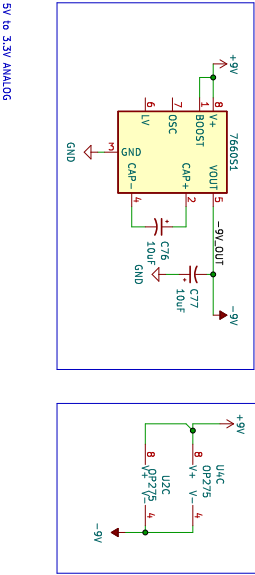
Connectors

File: Connectors.kicad_sch

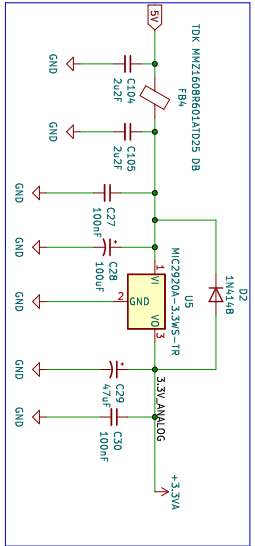
PWR_IN to 9V (OPAMP)



9V to -9V (OPAMP)

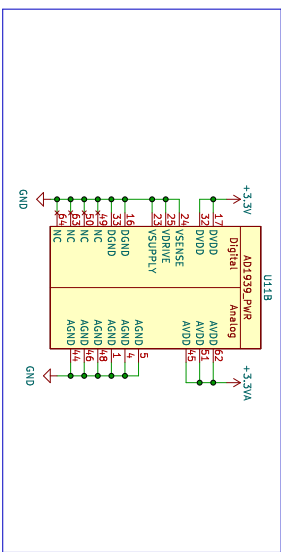


Opamp pwr

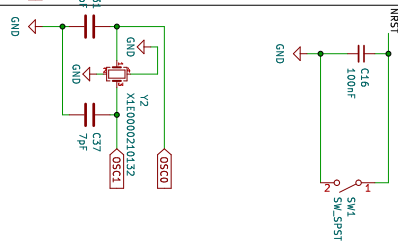
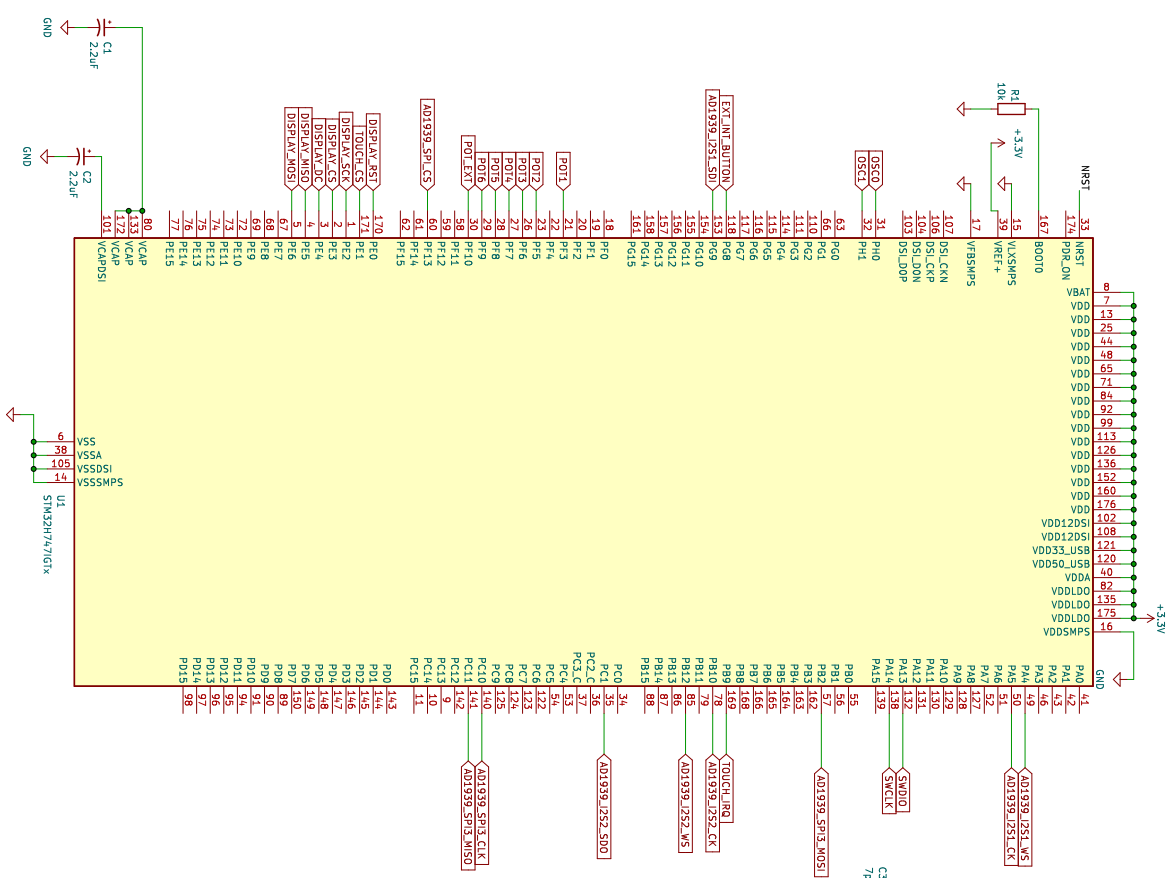


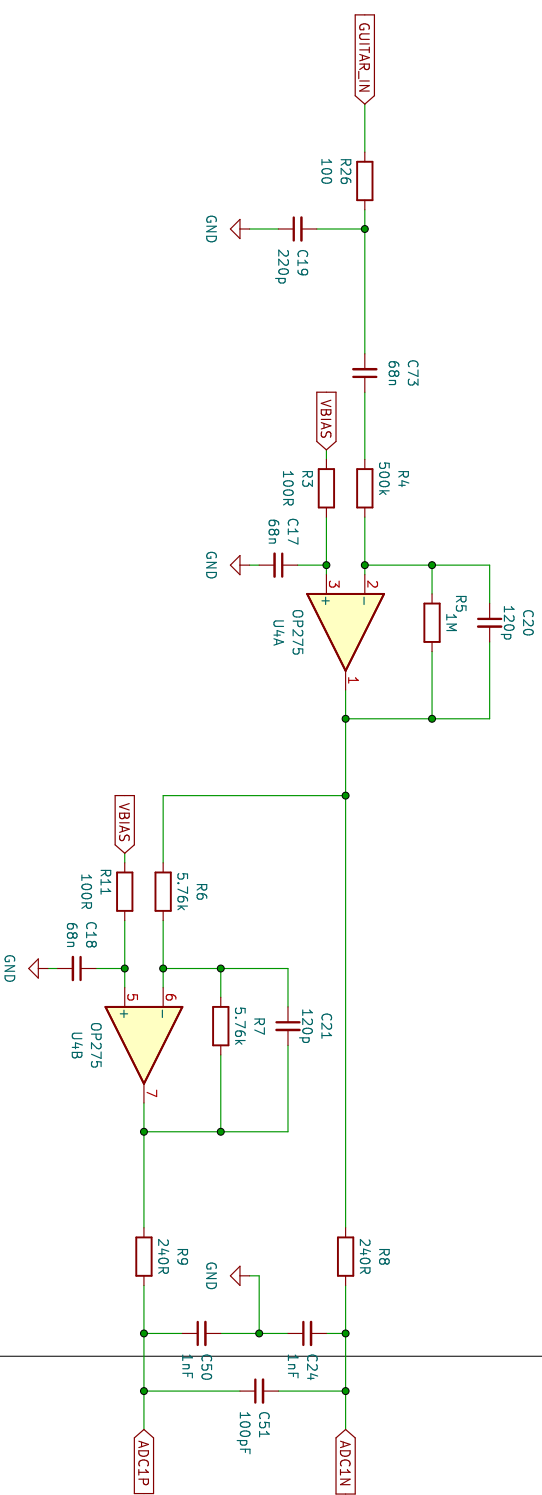
OR resistor MUST be placed close to the power regulators

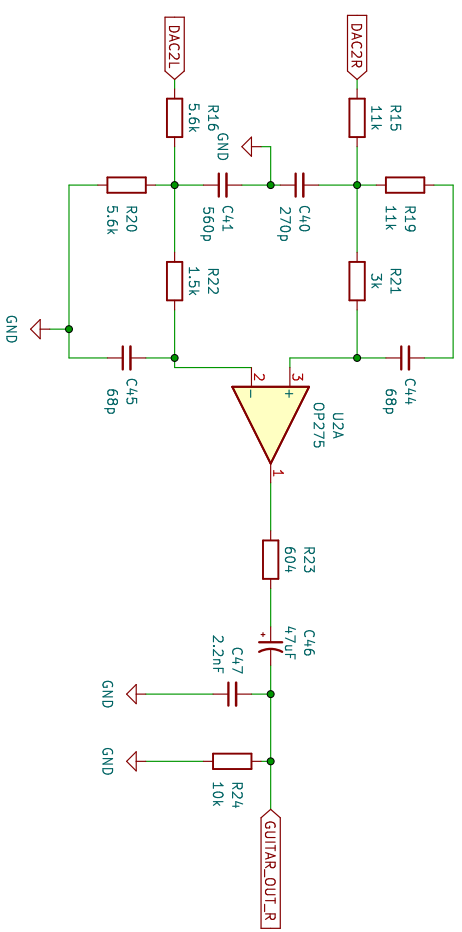
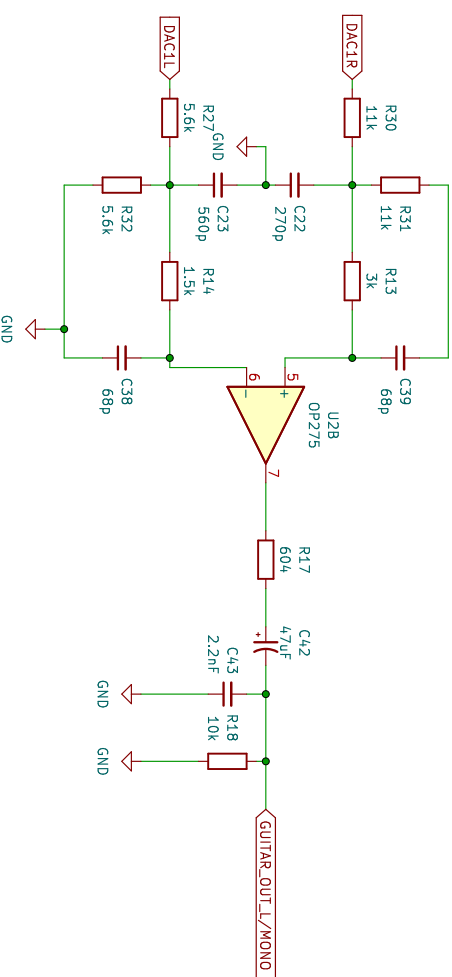
CODEC power connections



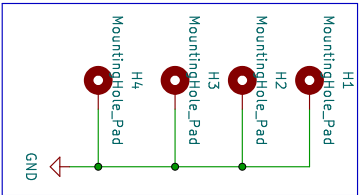
- Wiring
1. Display SPI1 SPI2 touch Interrupt etc
 2. I2S
 3. external SPI
 4. external Interrupt



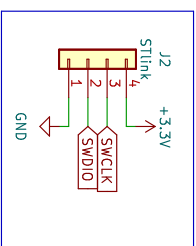




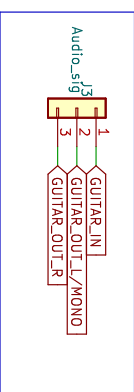
Mounting holes on GND



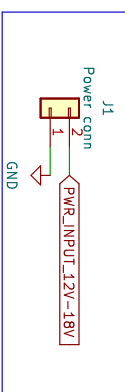
STLINK



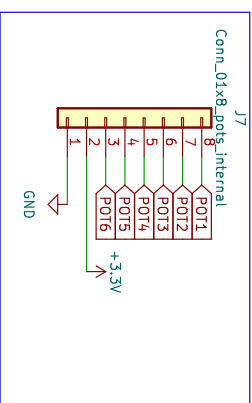
Guitar signals I/O



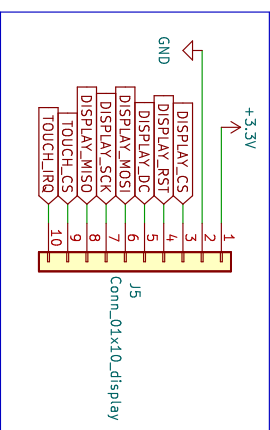
Main Power input (12-18V)



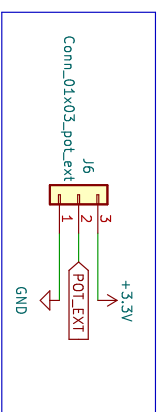
Control potentiometers



Display/touch connections



External potentiometer



Tap tempo connector (for tap tempo)

