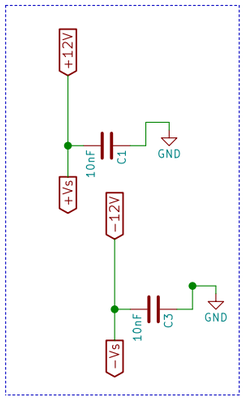
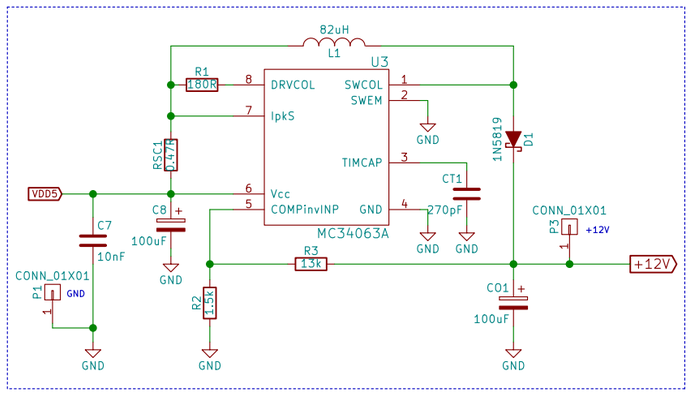
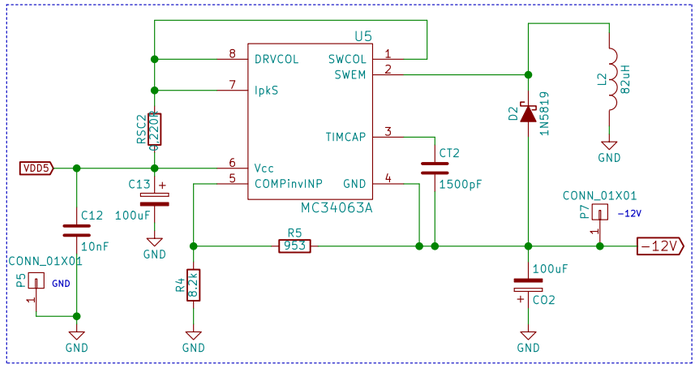
Supply voltage for OPV +-12V



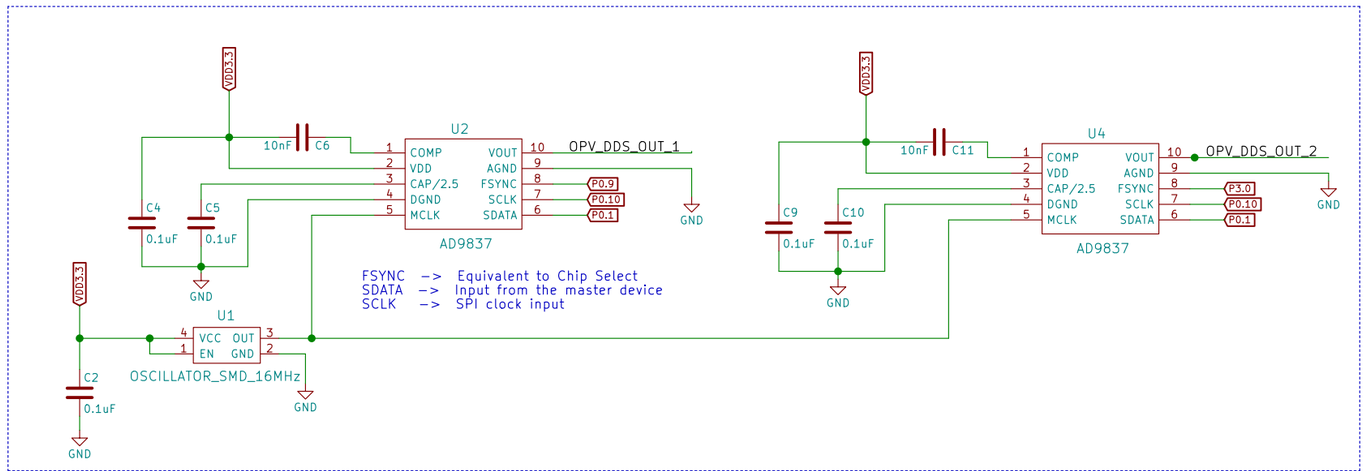
Step -Up converter (in 5V - out 12V)



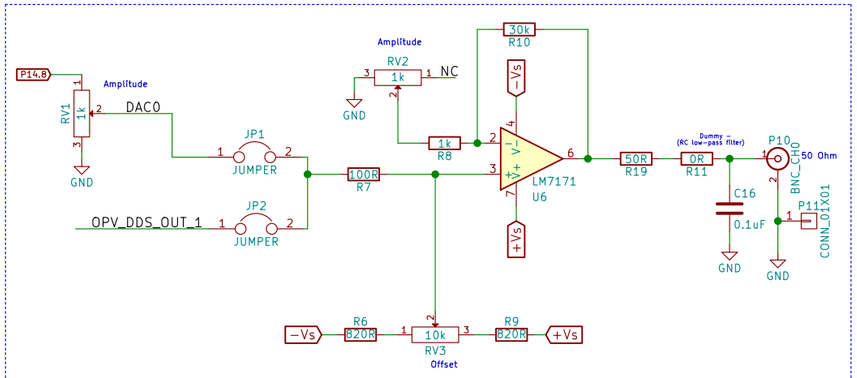
Volatage Inverting Converter (in 5V - out -12V)



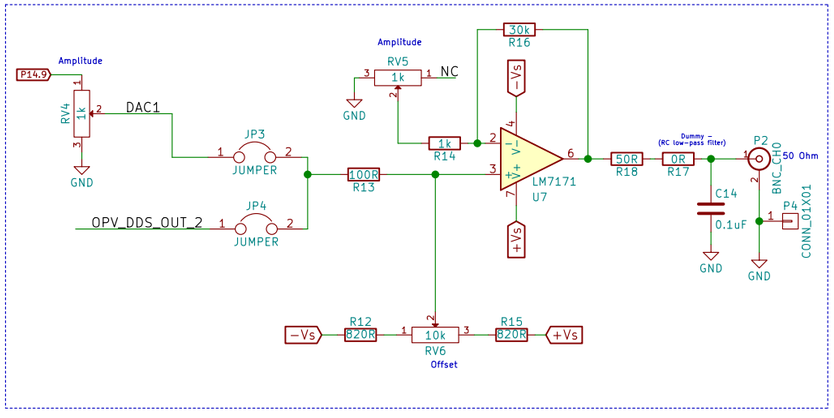
DDS IC AD9837 with OPV channel 1



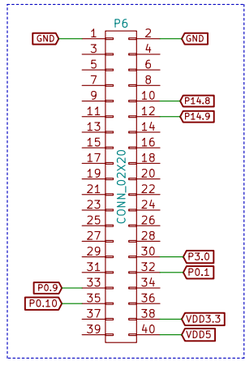
Amplifer A for channel 1



Amplifer A for channel 2



Pin connection X1 to signalgenerator PCB



P 14.8 -> Pin_OUT for DAC channel 1
P 14.9 -> Pin_OUT for DAC channel 2

P 3.0 -> FSYNC/CS for DDS IC 2
P 0.9 -> FSYNC/CS for DDS IC 1
P 0.10 -> SCLK for both DDS IC's
P 0.1 -> MOSI for both DDS IC's

FH Technikum Wien		
Sheet: /		
File: Signalgenerator with DDS.sch		
Title: Signalgenerator µC vers.1		
Size: A3	Date:	**Rev:**
KiCad E.D.A. kicad 4.0.3-stable		Id: 1/1