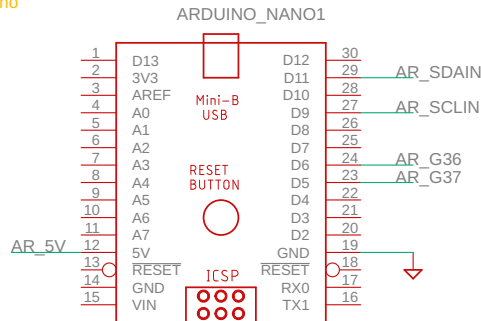
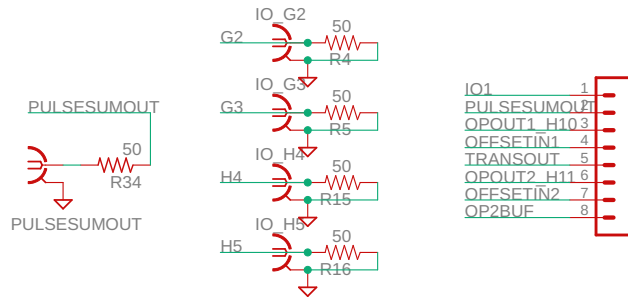


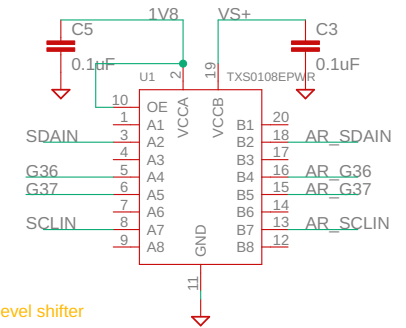
Arduino



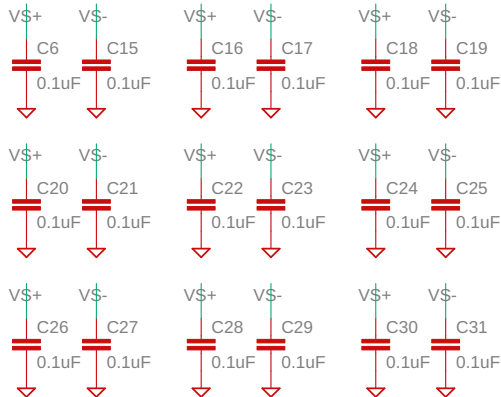
IO



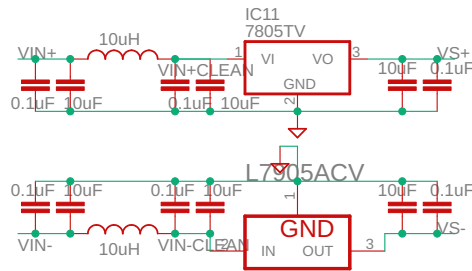
Level shifter



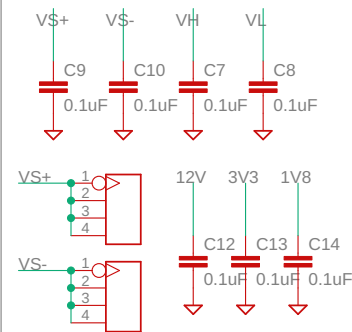
Decoupling



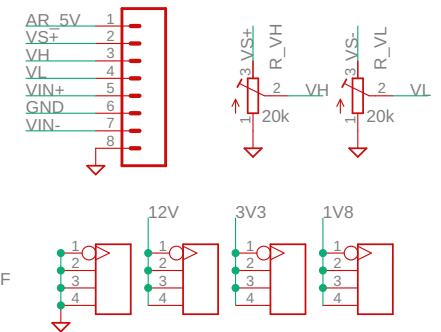
Linear +- power supplies and smoothing

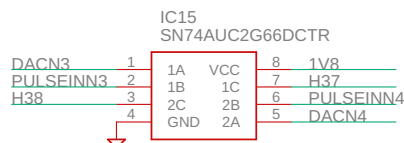
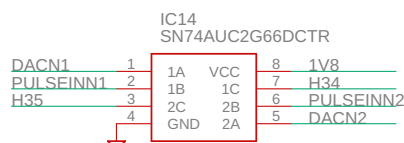
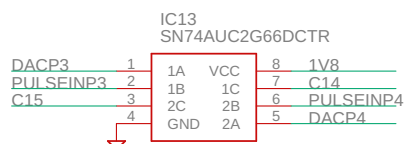
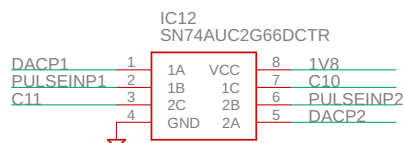


Power inputs

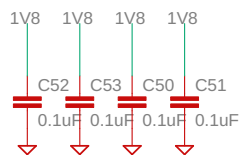


Can use jumper to connect AR\_5V and VS+

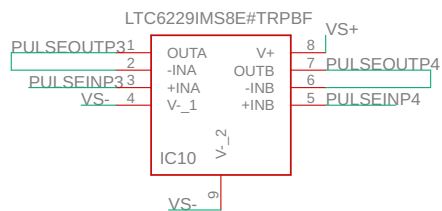
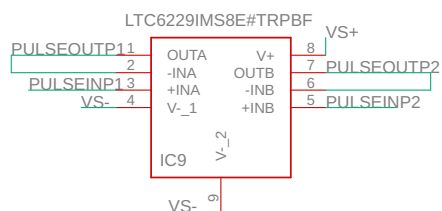




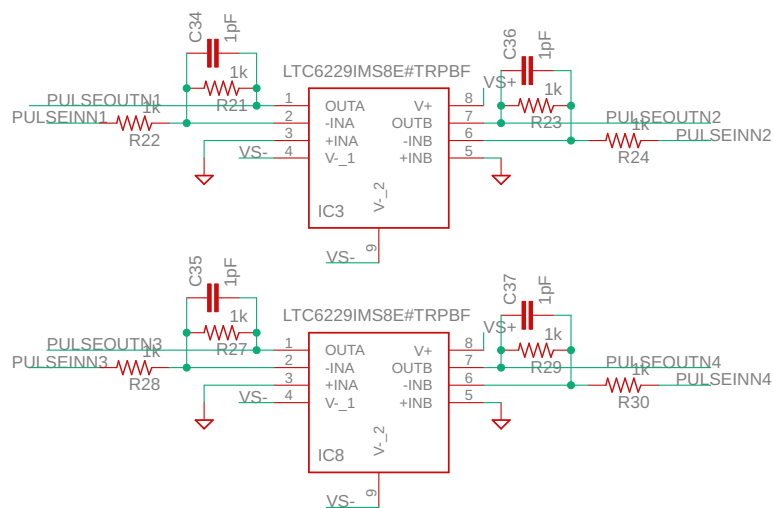
Pulse switches



Positive output buffers



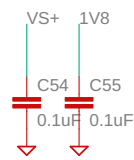
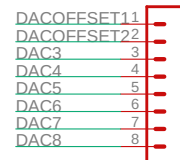
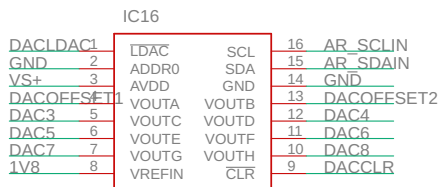
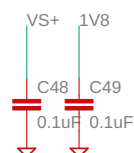
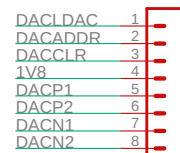
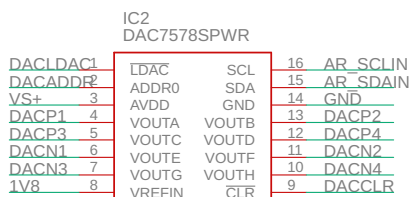
Negative output inverting buffers



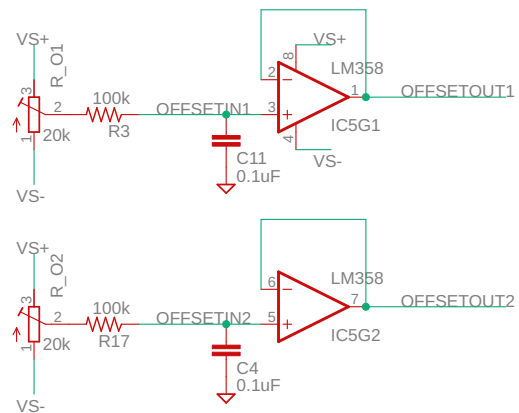
Pulse resistors for summing



Pulse and offset DACs

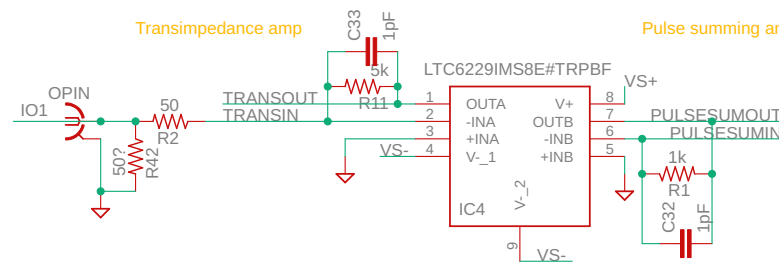


# Offsets

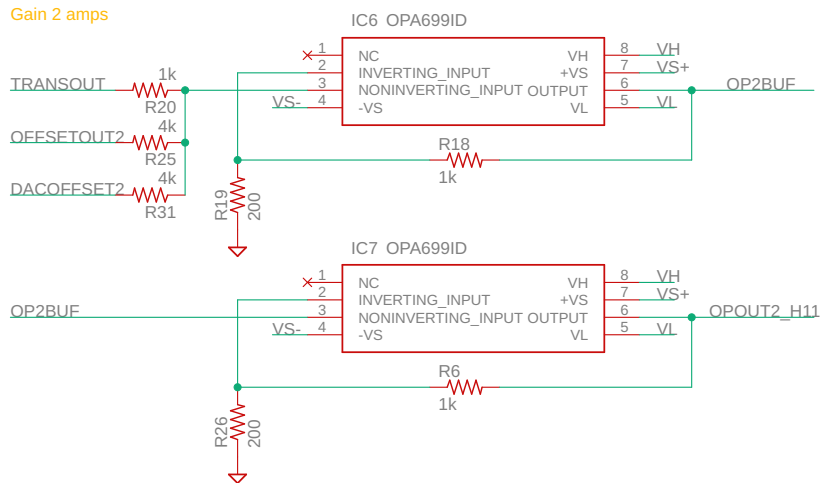


# Transimpedance amp

# Pulse summing amp



# Gain 2 amps



# Gain 1 amp

