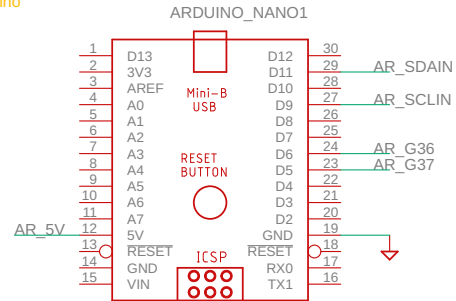
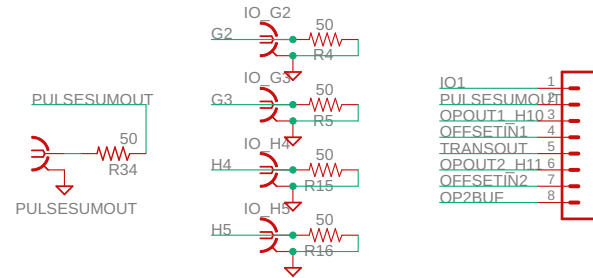


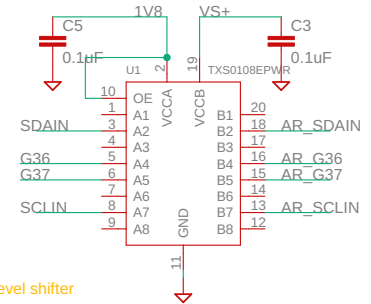
Arduino



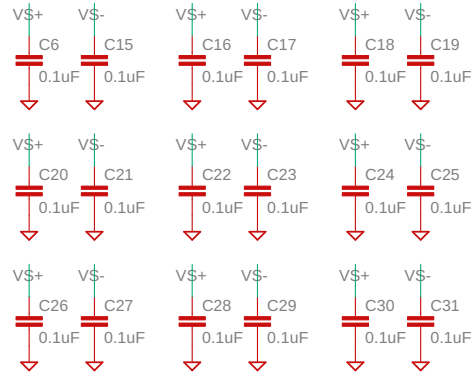
IO



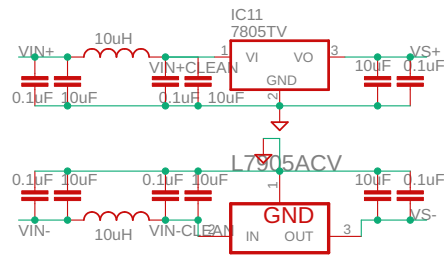
Level shifter



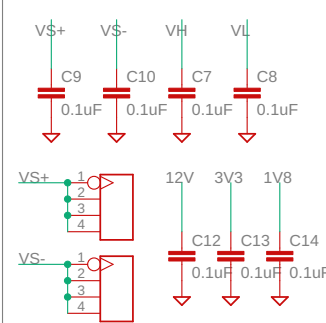
Decoupling



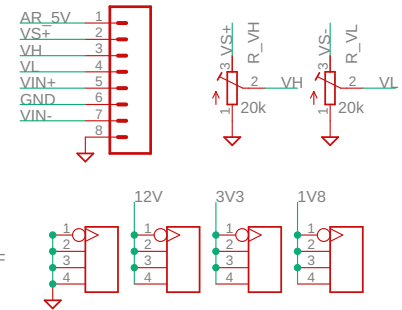
Linear +- power supplies and smoothing

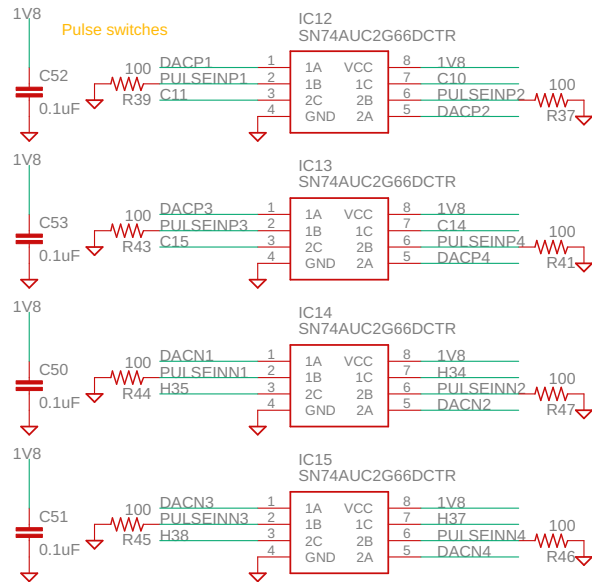


Power inputs

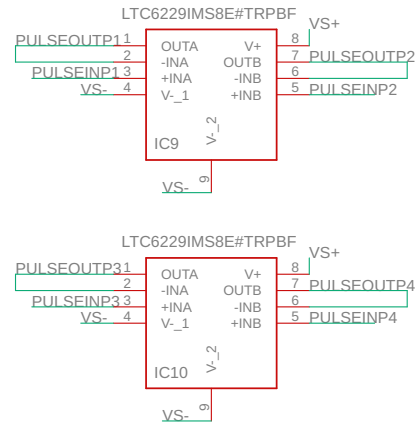


Can use jumper to connect AR_5V and VS+

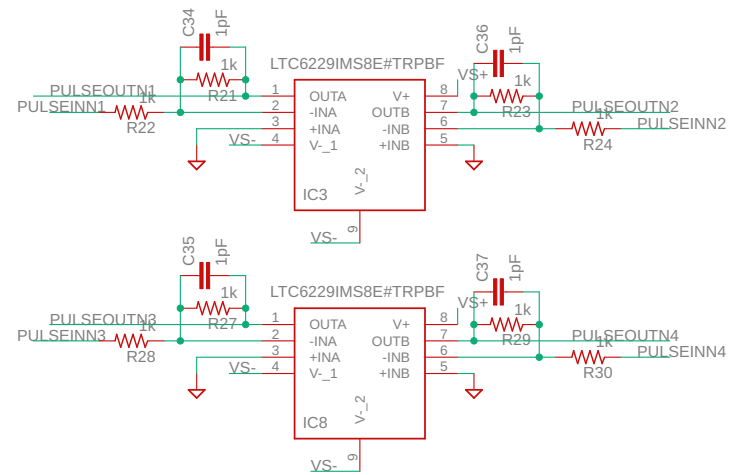




Positive output buffers



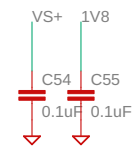
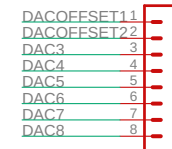
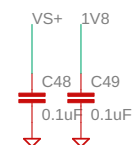
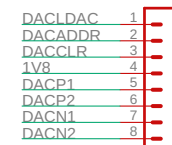
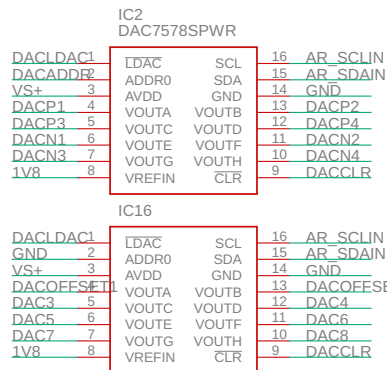
Negative output inverting buffers



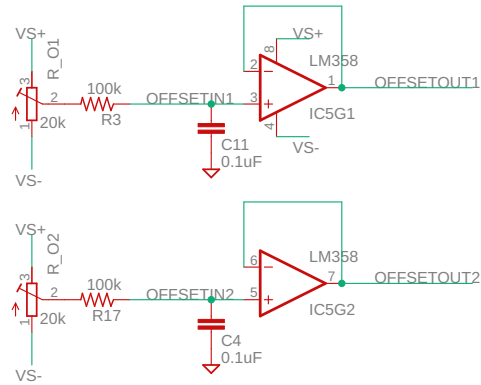
Pulse resistors for summing



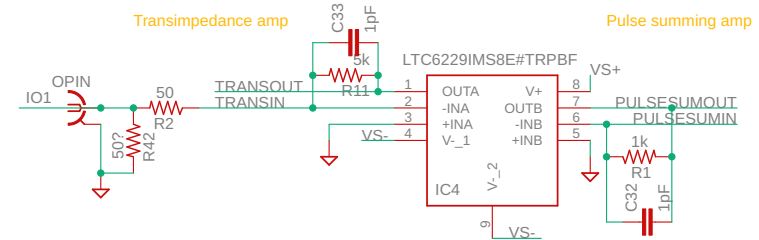
Pulse and offset DACs



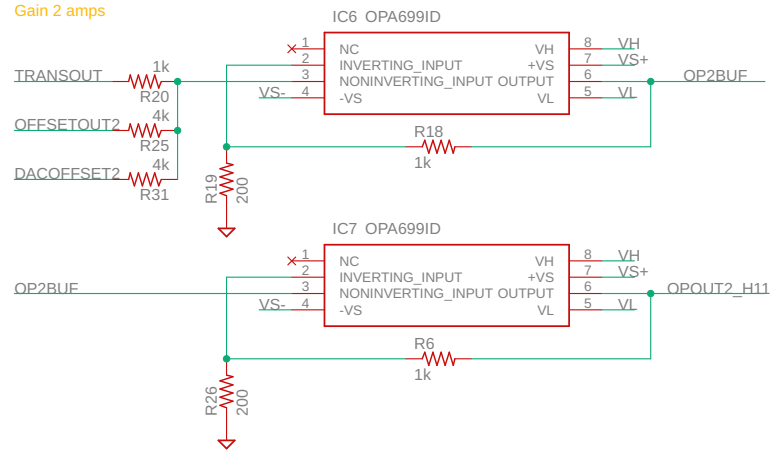
Offsets



Transimpedance amp



Gain 2 amps



Gain 1 amp

