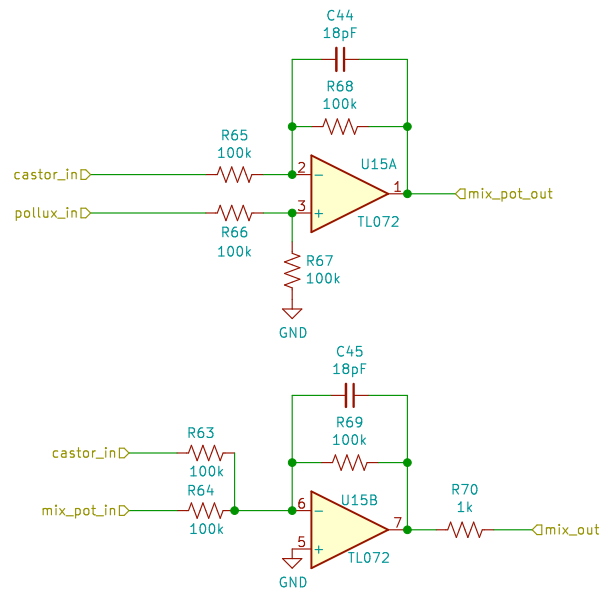
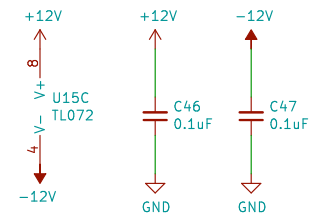


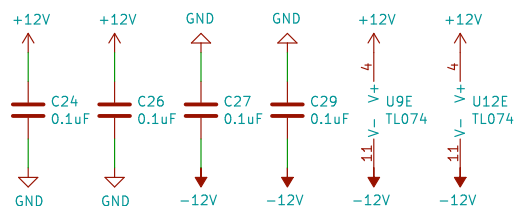
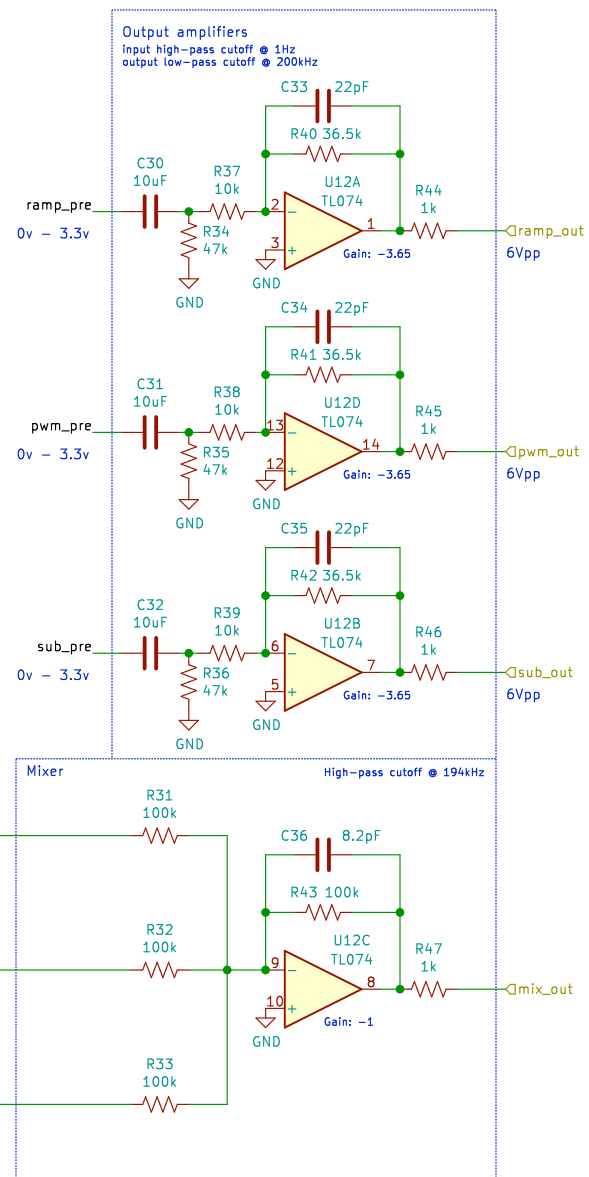
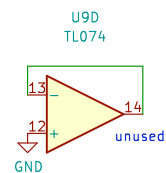
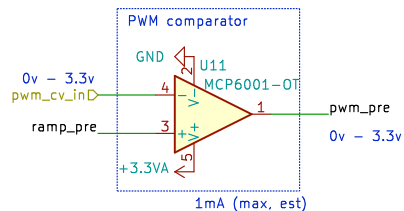
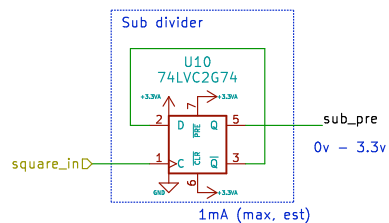
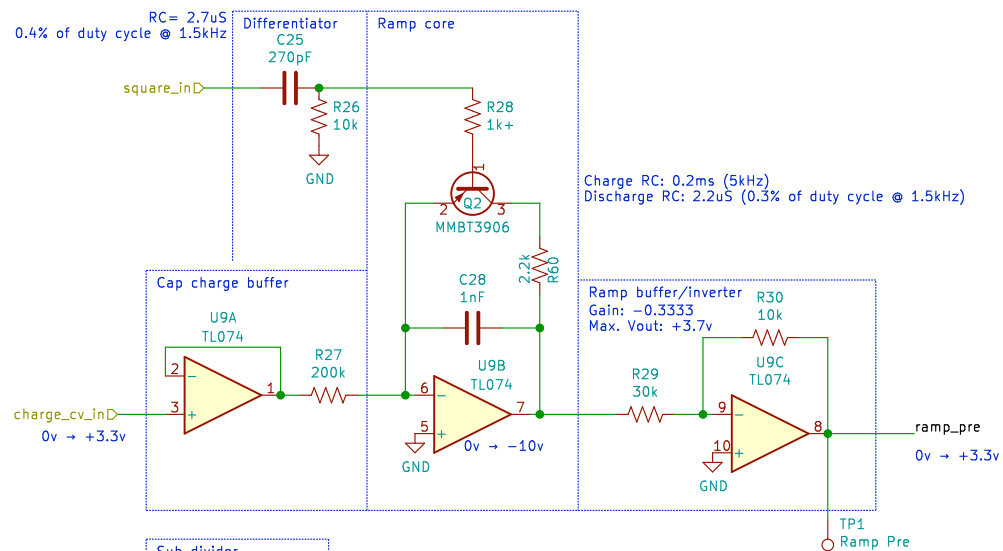
TODO: Calculate power dissipation
 TODO: If current < 100mA, consider ld2981
 TODO: If current > 100mA, consider TPS62135

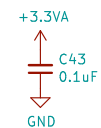
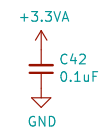
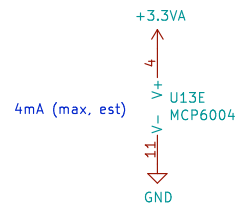
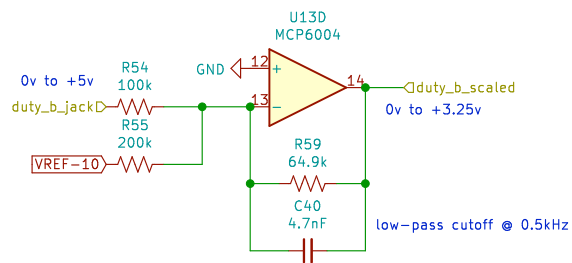
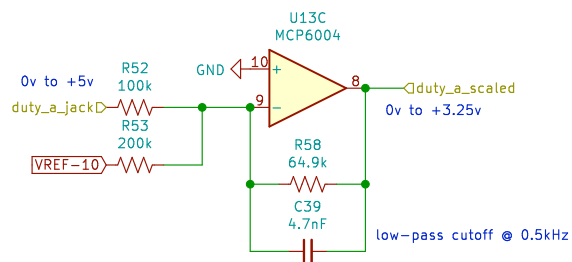
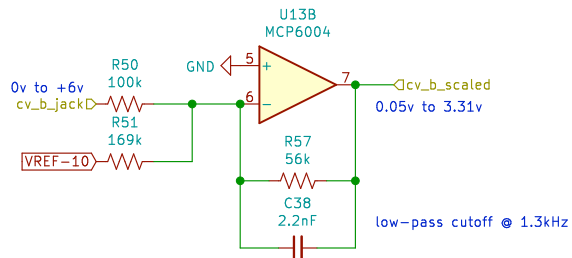
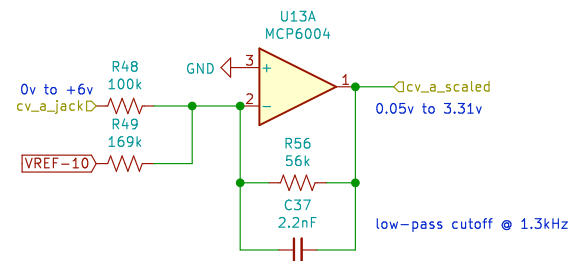




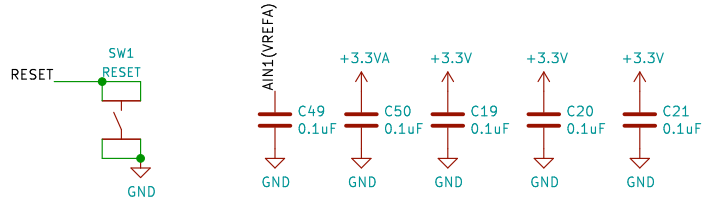
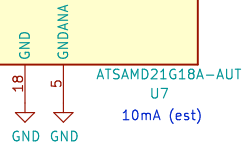
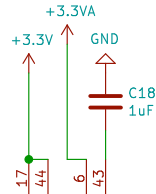
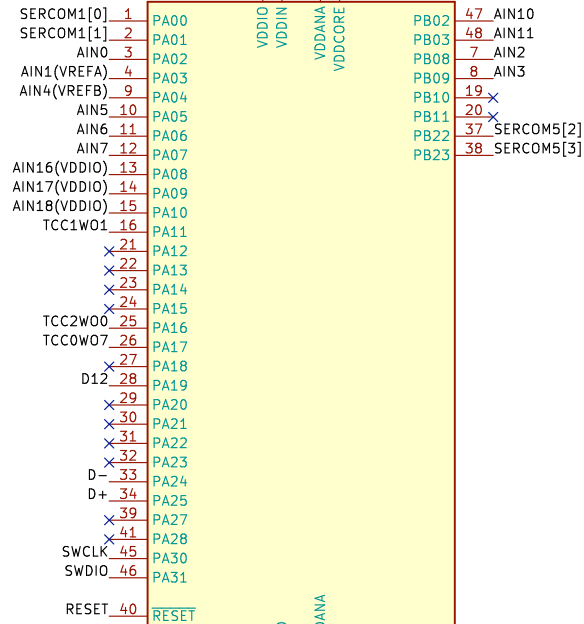
mix gain may need to be adjusted, test prototype for clipping







i2c on SERCOM1



Assignments can be changed to suit layout

