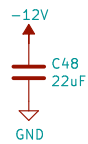
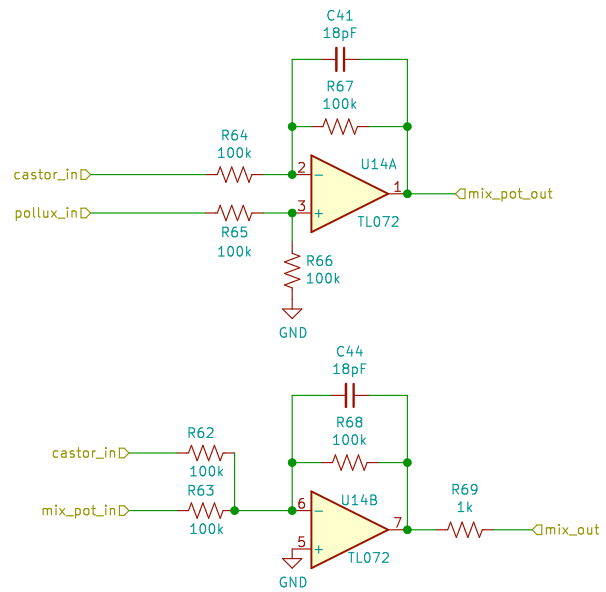
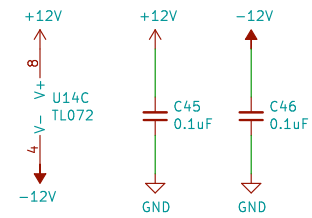


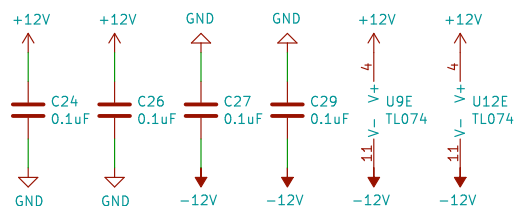
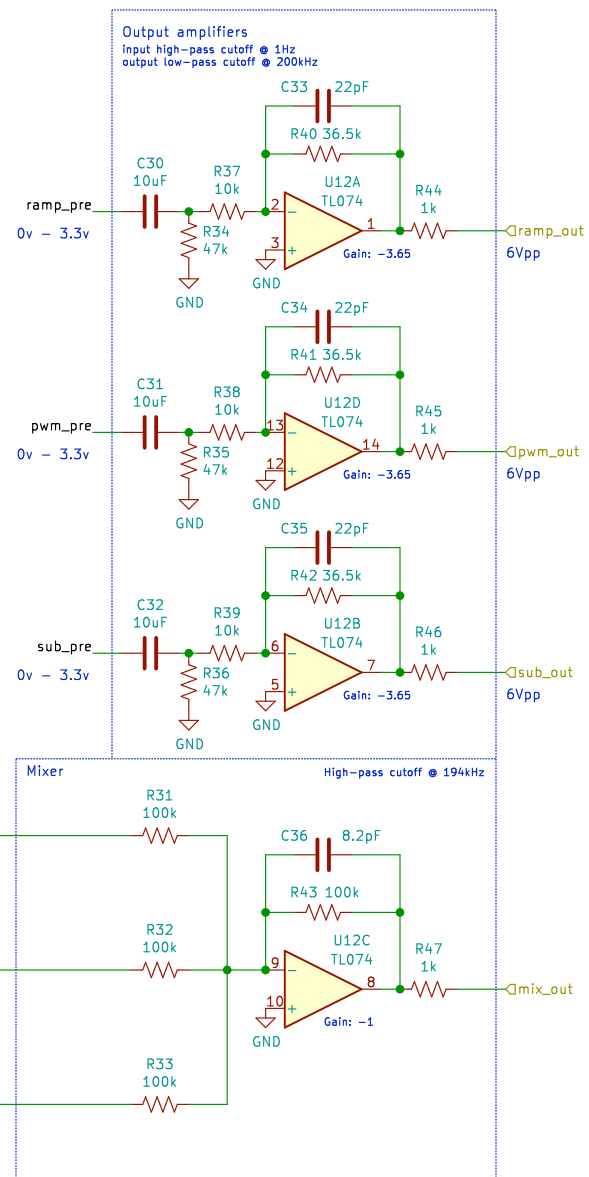
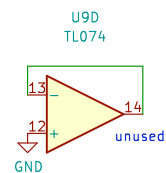
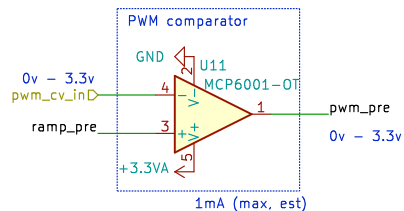
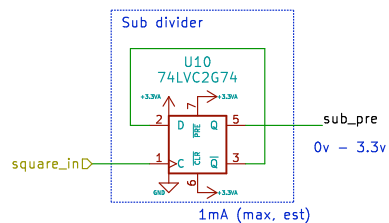
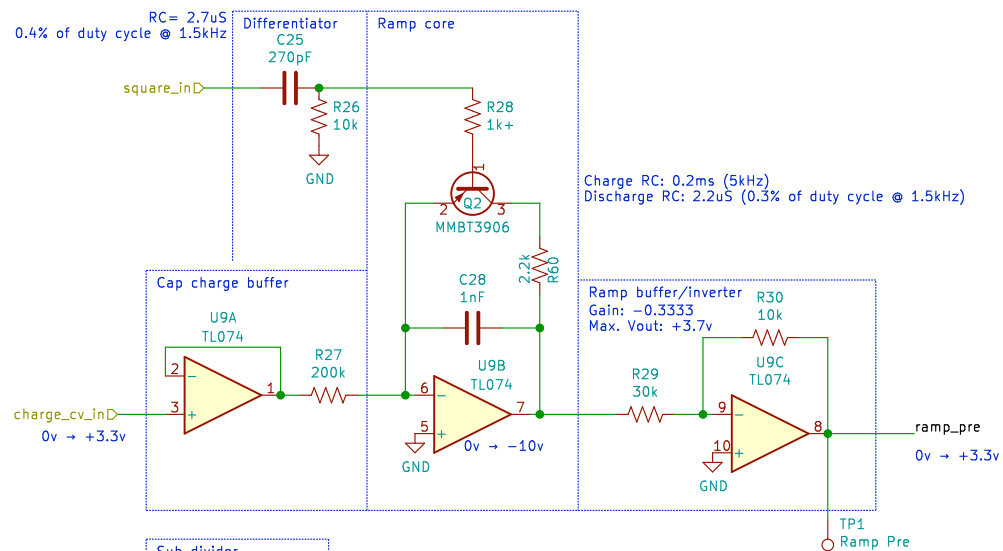
Power consumption: 65-100mA, 0.7-1.2W  
Power dissipated: 0.8W  
Heatsink area: 1.15in<sup>2</sup>  
Thermal resistance: 66 C/W (estimated)  
Maximum thermal resistance: 118 C/W  
Alternatives considered:  
- LD2981 (< 100mA)  
- TPS62135 (> 100mA)

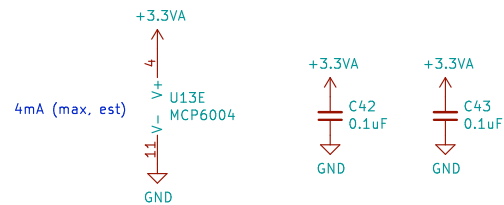
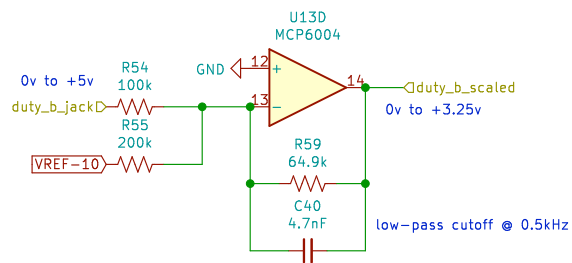
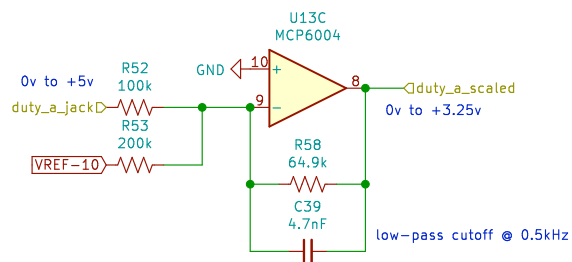
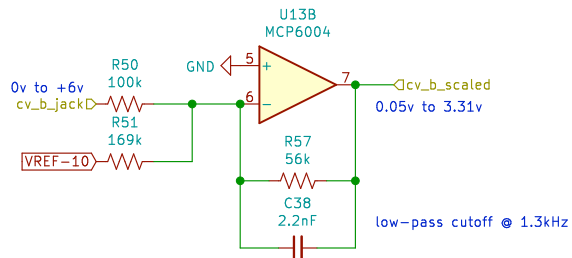
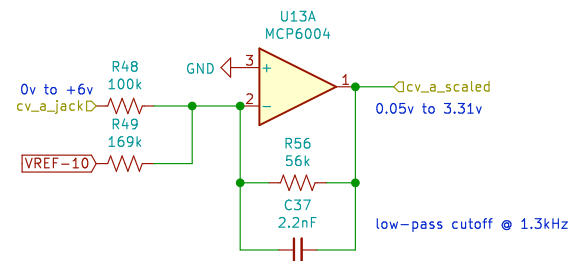




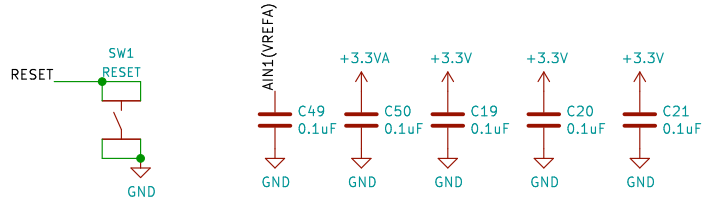
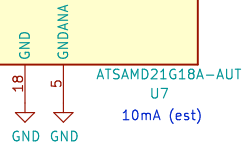
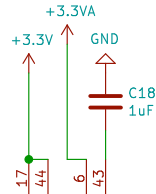
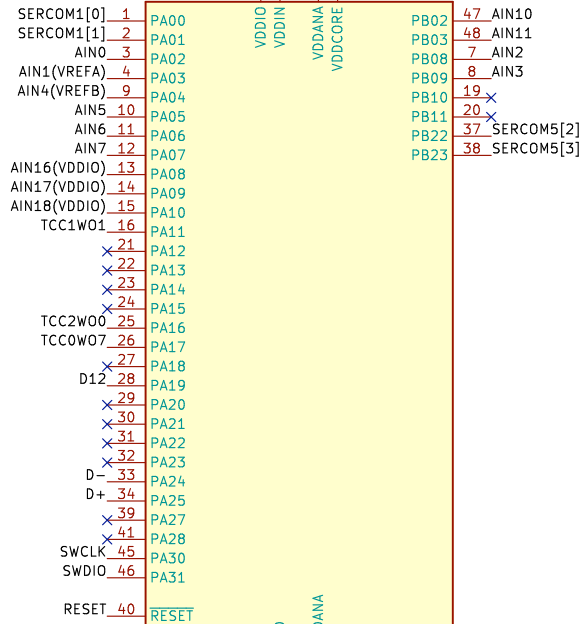
mix gain may need to be adjusted, test prototype for clipping







i2c on SERCOM1



Assignments can be changed to suit layout

