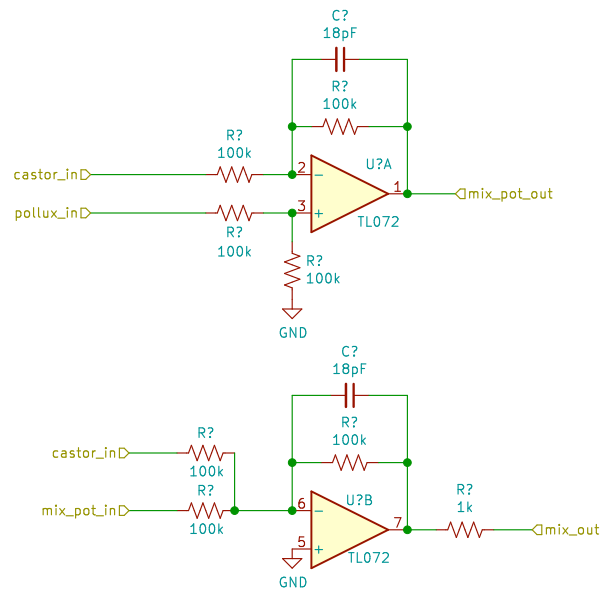
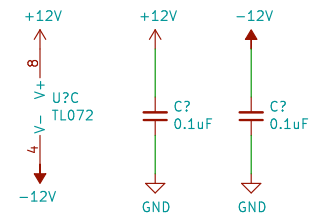


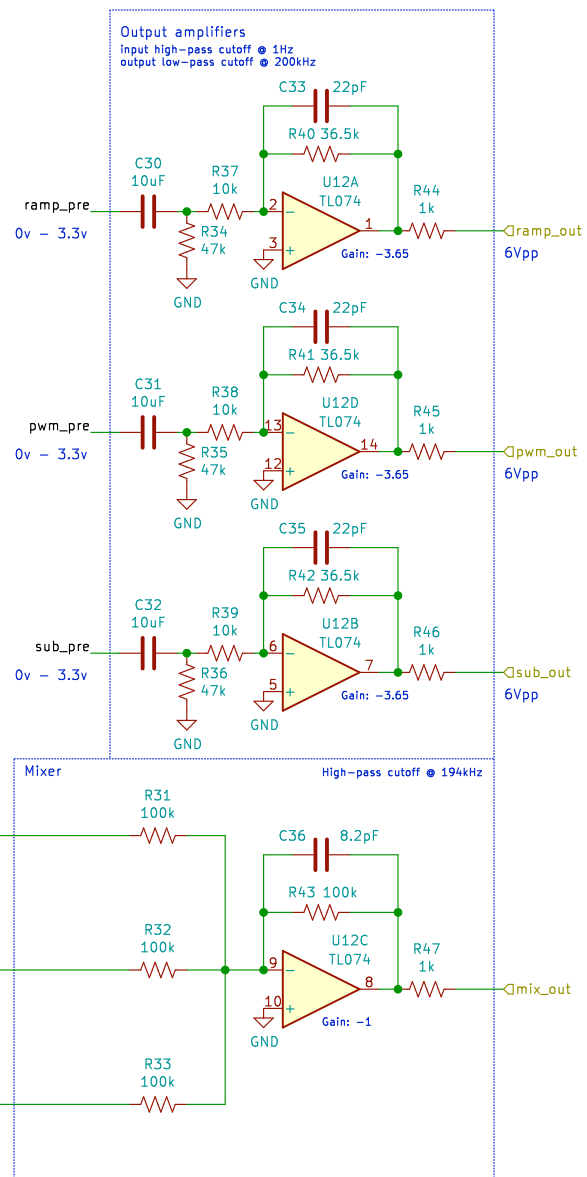
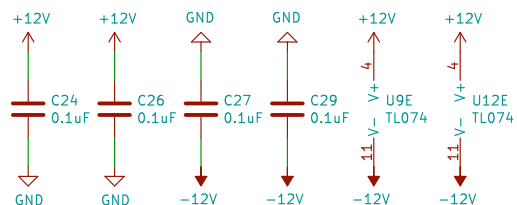
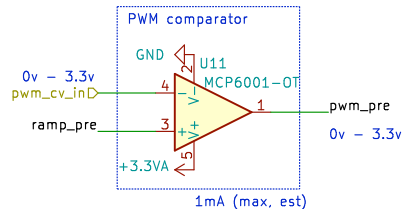
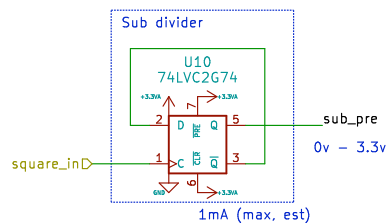
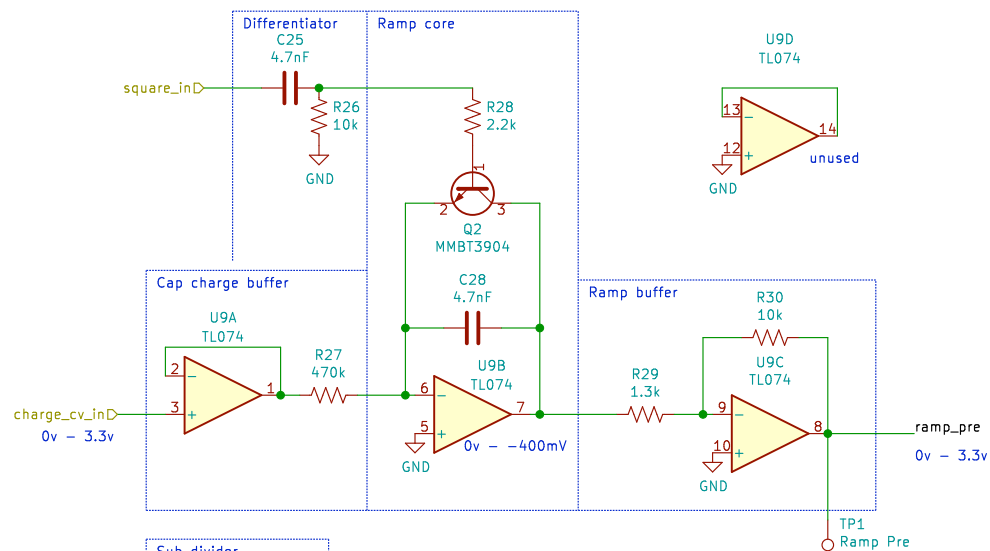
Power consumption: 65–100mA, 0.7–1.2W  
Power dissipated: 0.8W  
Heatsink area: 1.15in<sup>2</sup>  
Thermal resistance: 66 C/W (estimated)  
Maximum thermal resistance: 118 C/W  
Alternatives considered:  
– LD2981 (< 100mA)  
– TPS62135 (> 100mA)

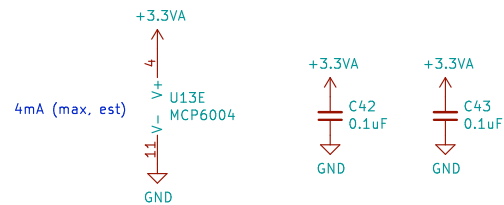
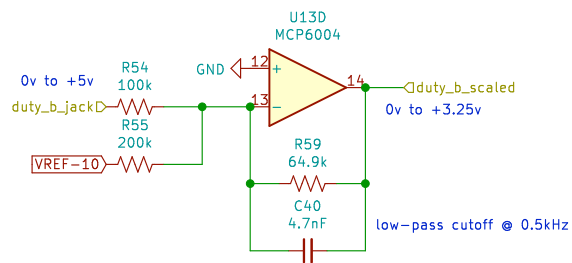
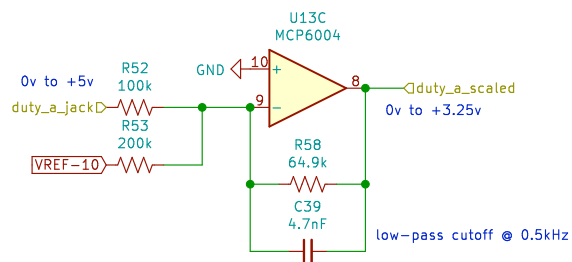
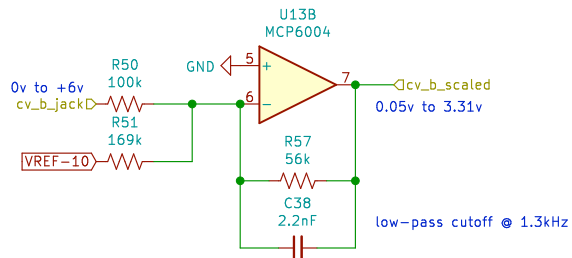
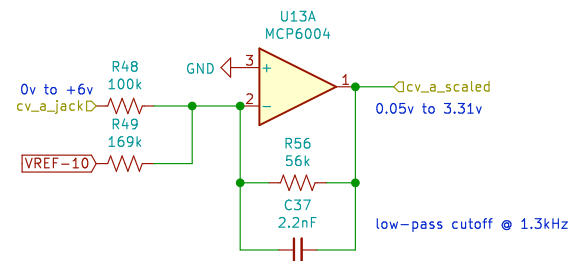




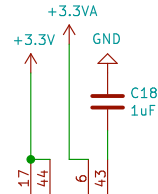
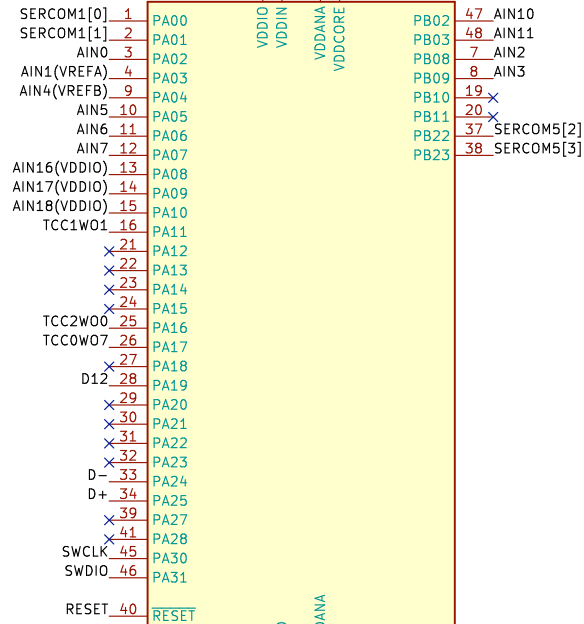
mix gain may need to be adjusted, test prototype for clipping







i2c on SERCOM1



Assignments can be changed to suit layout

