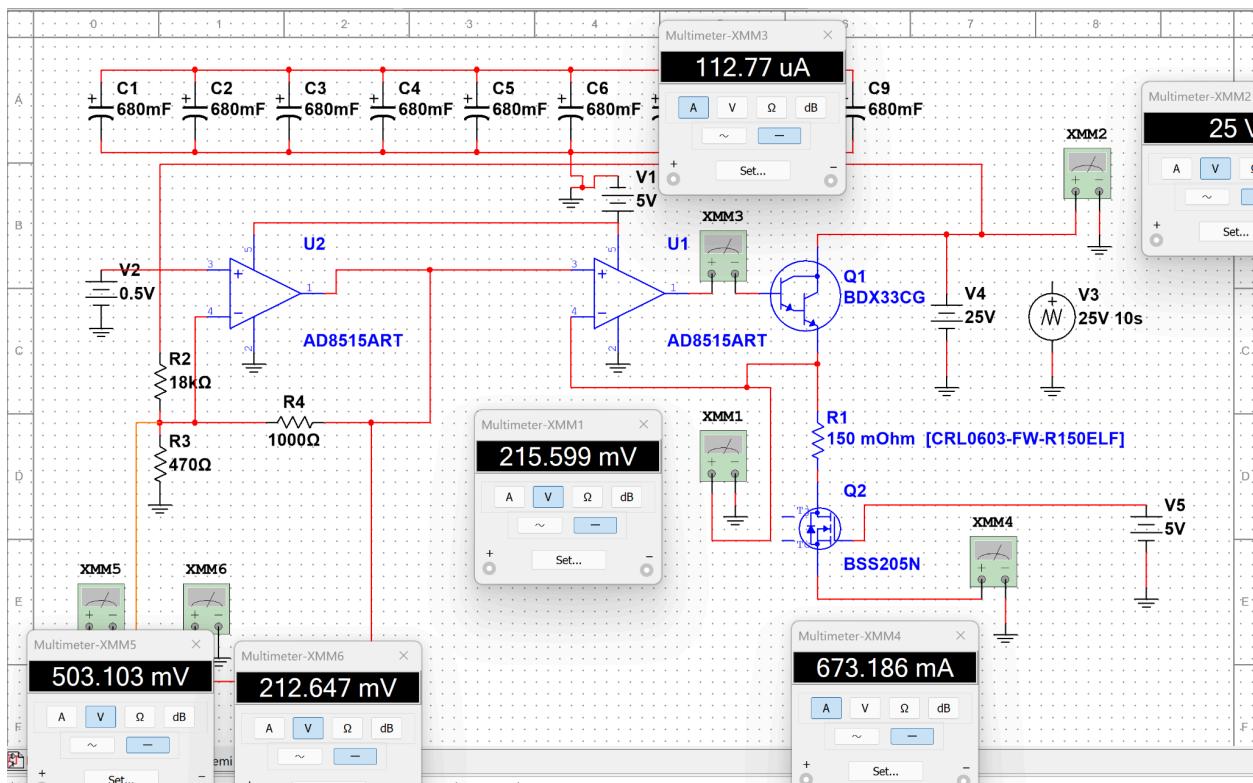


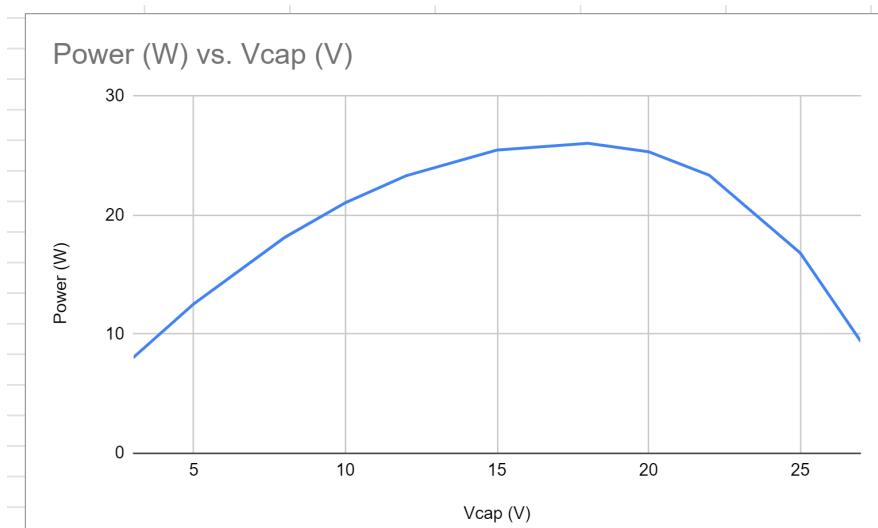
Supercapacitor Bank Controller (CB-4) More Photos and Info

This document contains some additional pieces of information on the cap bank.

Discharger simulation:

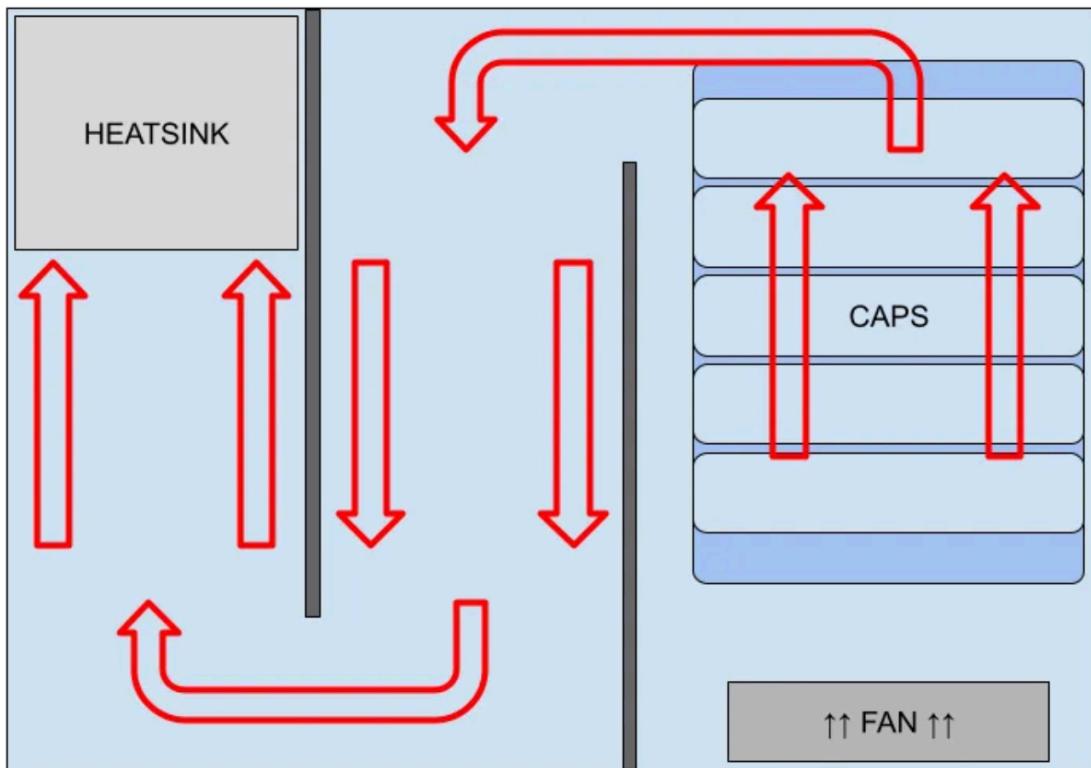


Results:

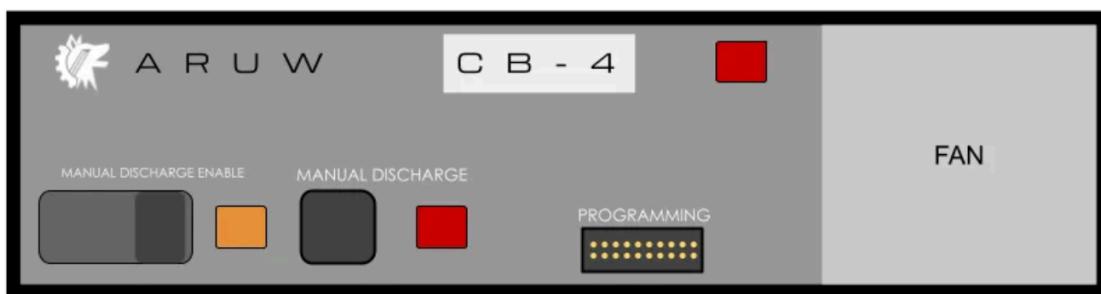


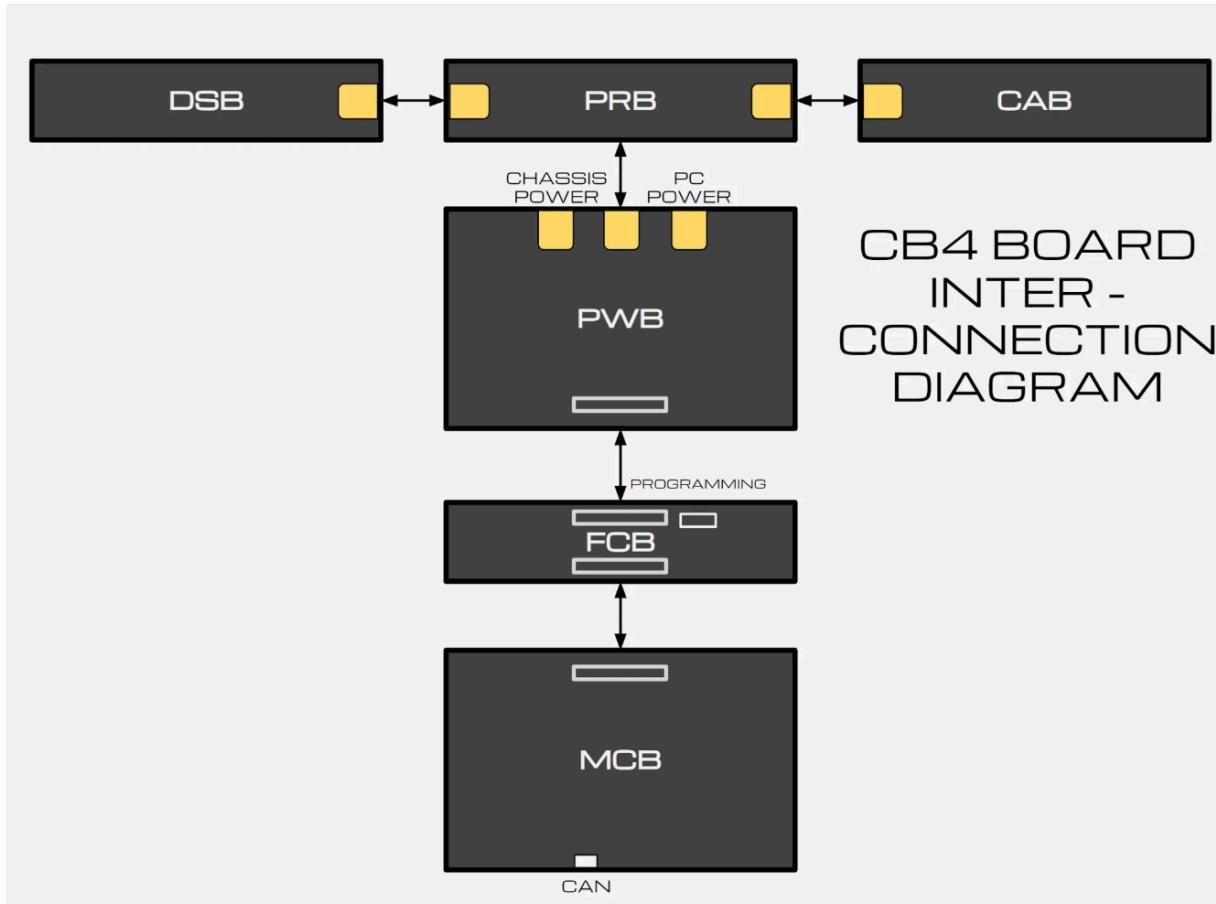
Early design concepts, and evolution of the layout throughout the design process:

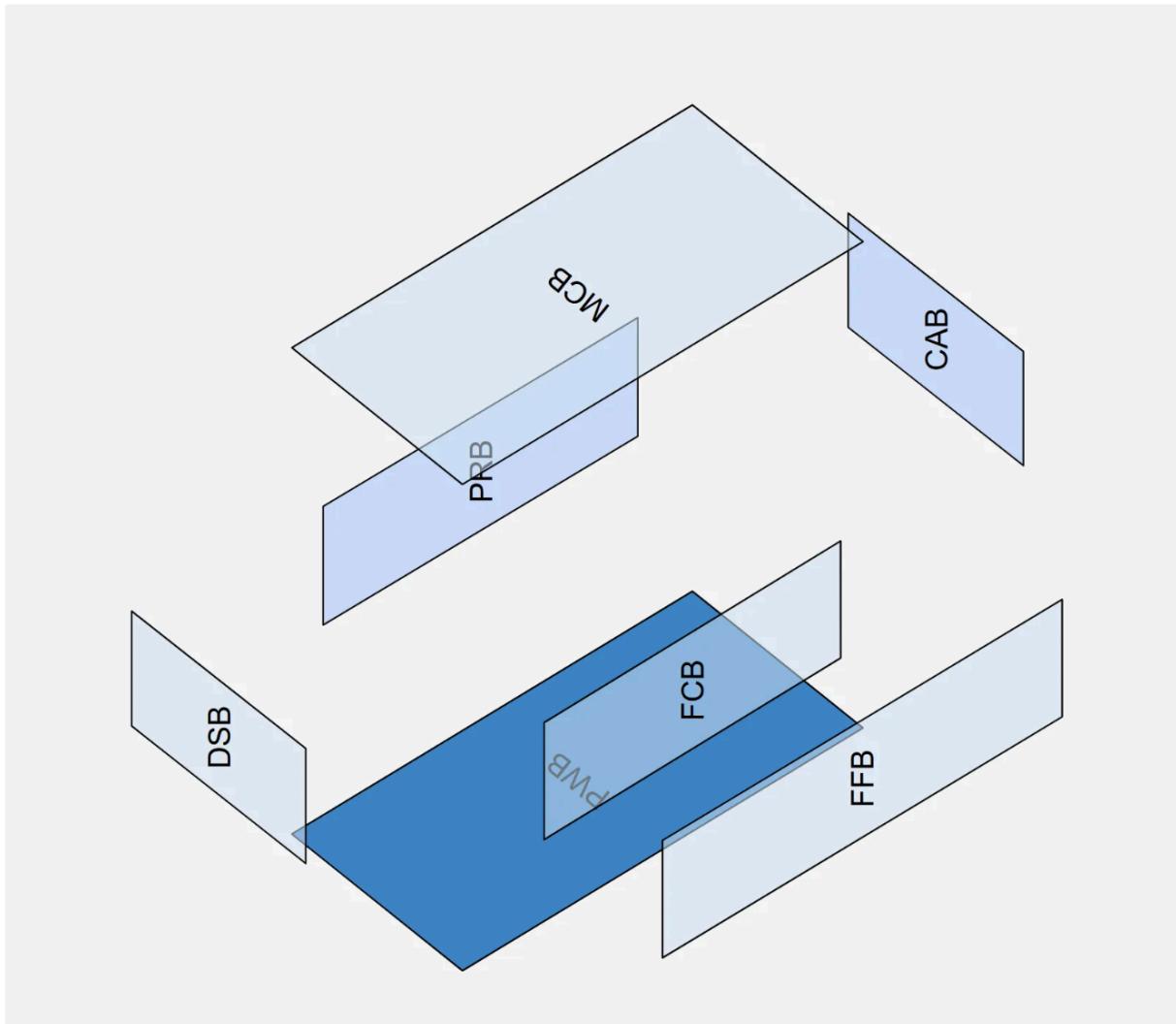
Potential general airflow path



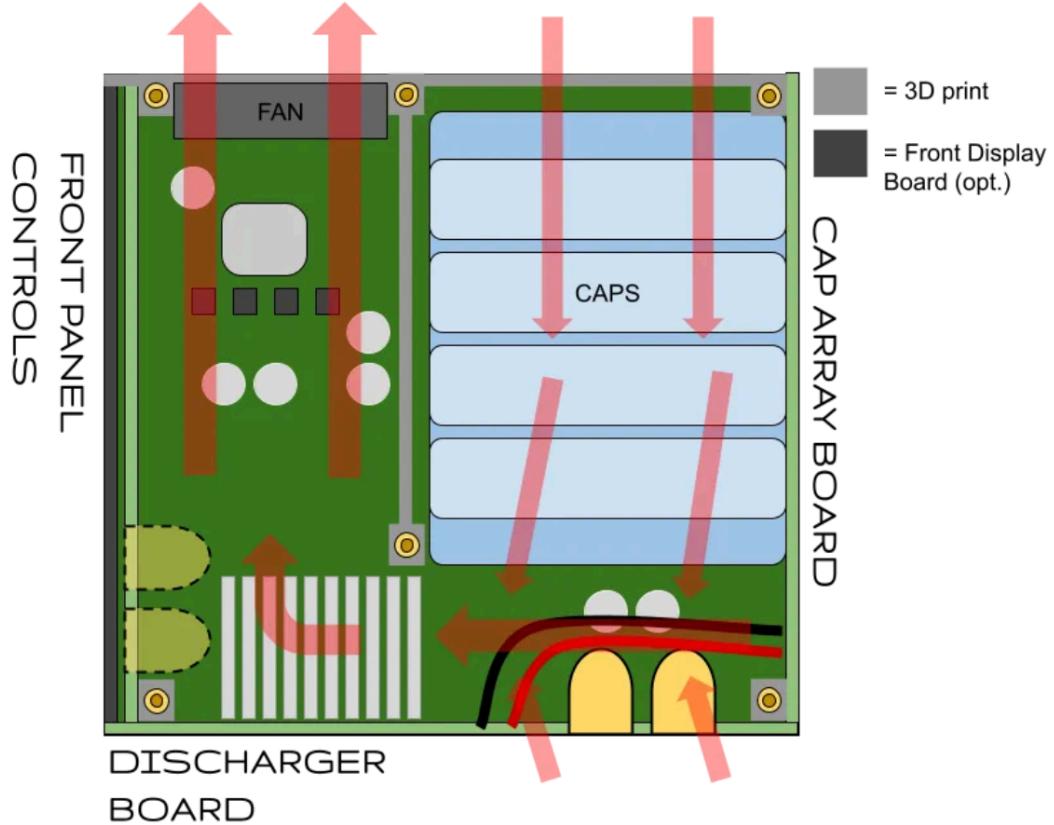
Potential front panel design / layout concept

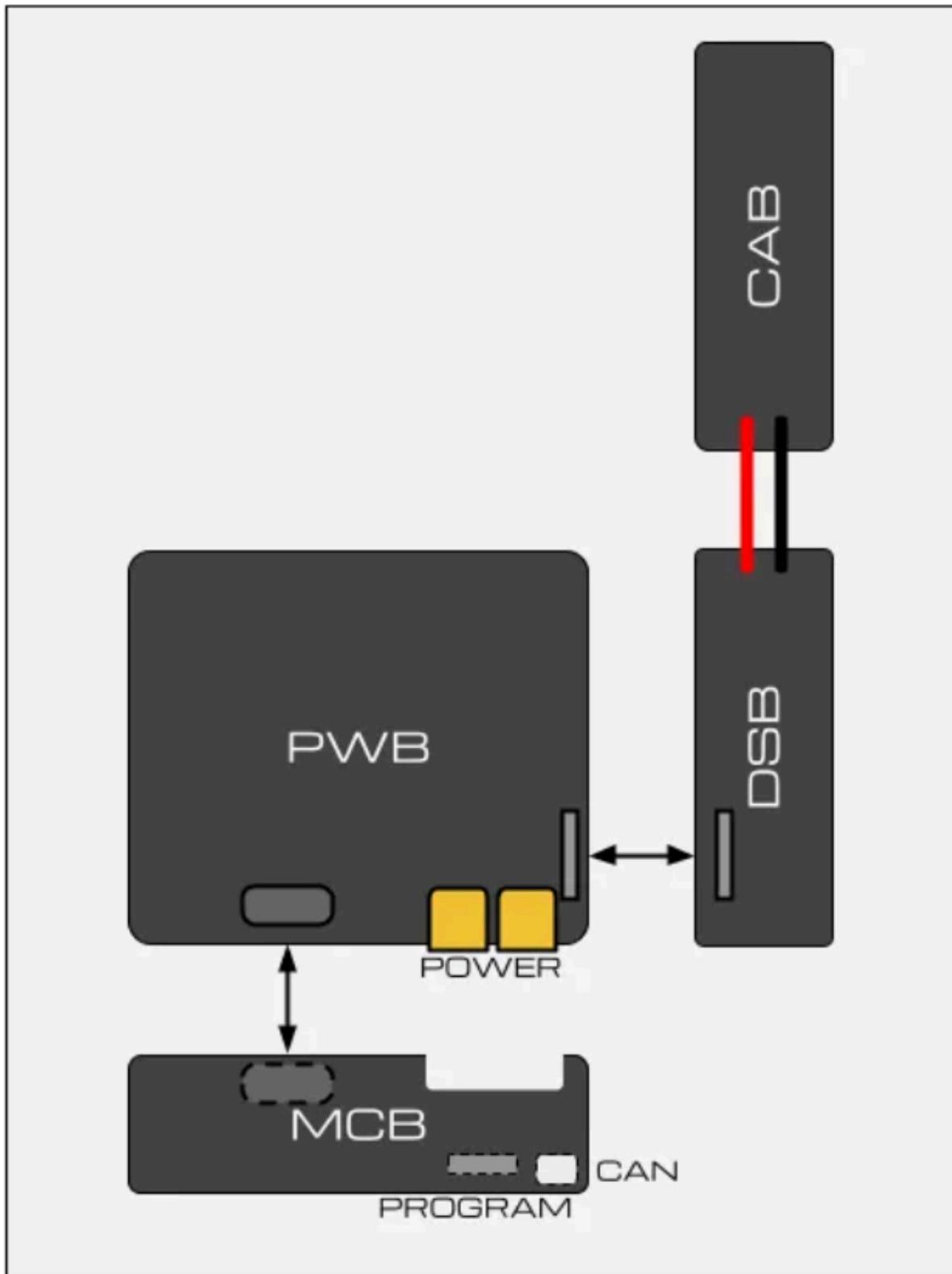




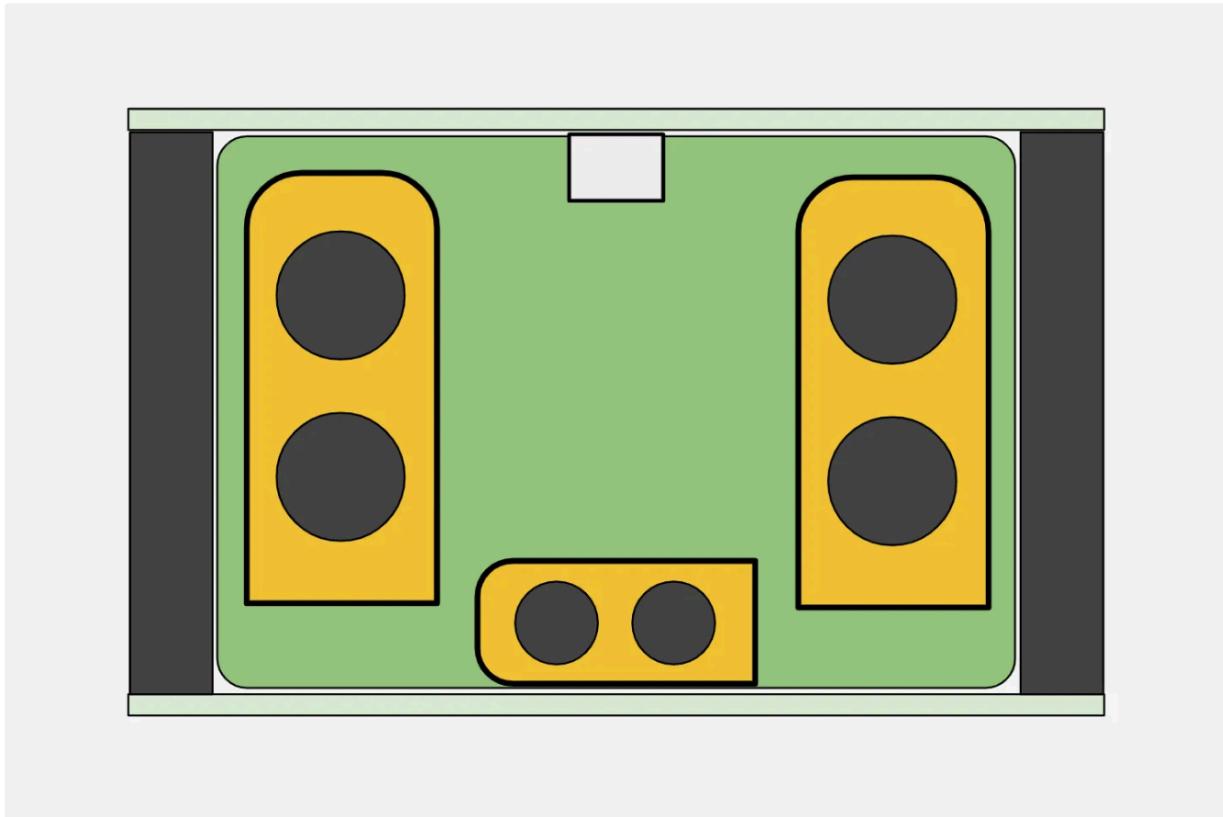


Layout Concept 2



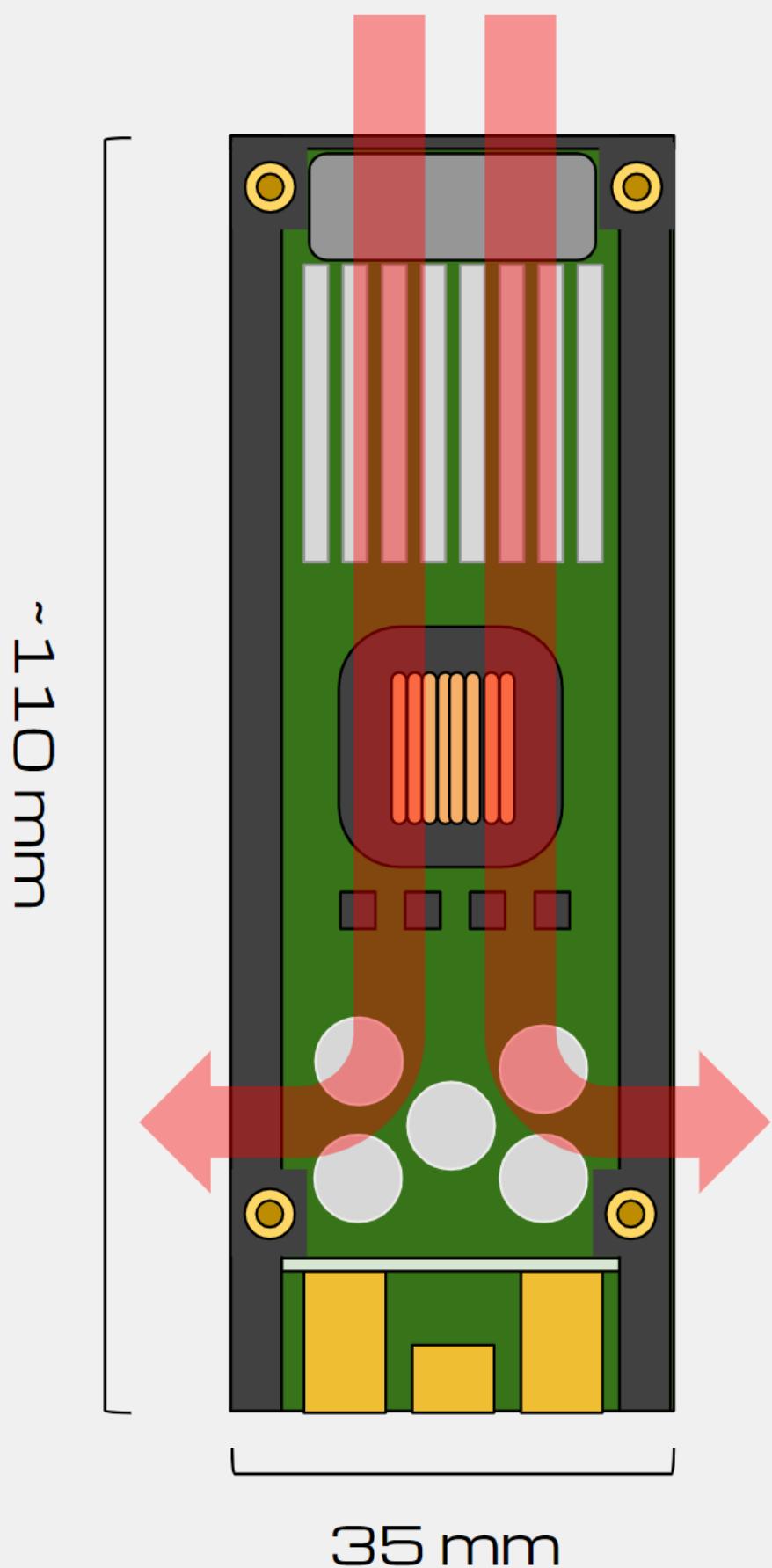


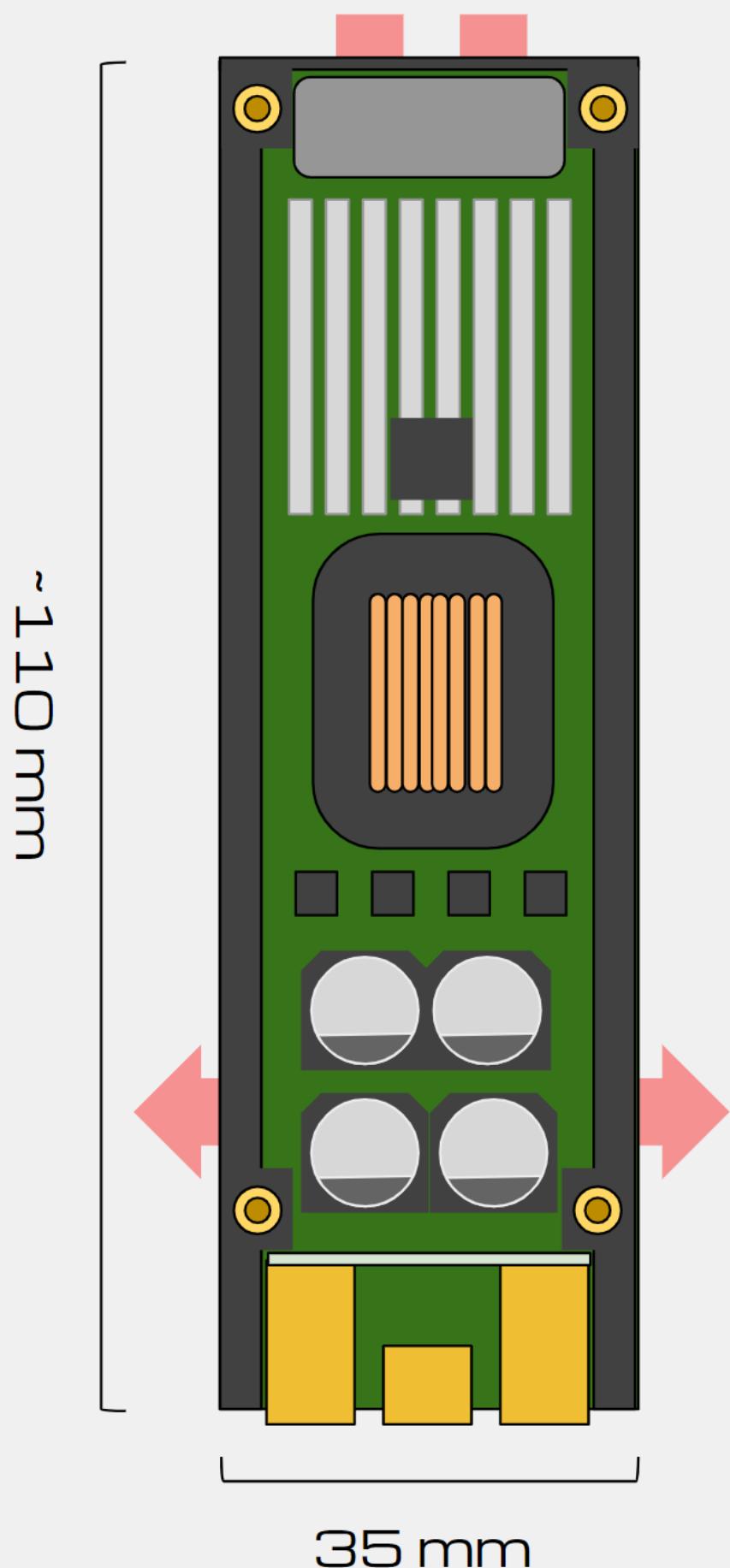
Connector end design (roughly to scale)

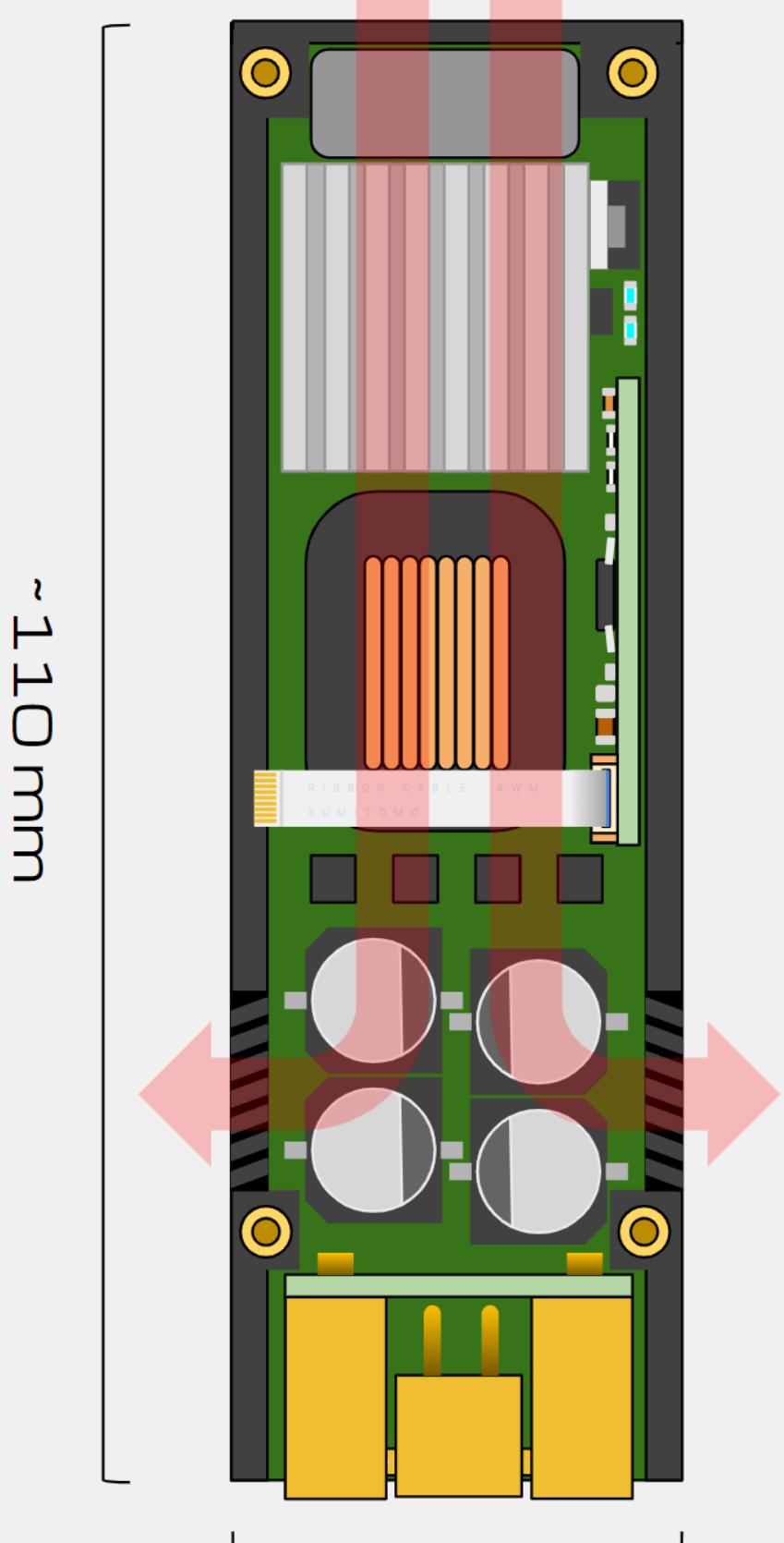


XT60s are connected to the right angle PCB, XT30 is connected to PWB and CAN JST is connected to MCB.

Have 3 sets of bus bars going from right angle PCB to PWB, with GND shared in the center.

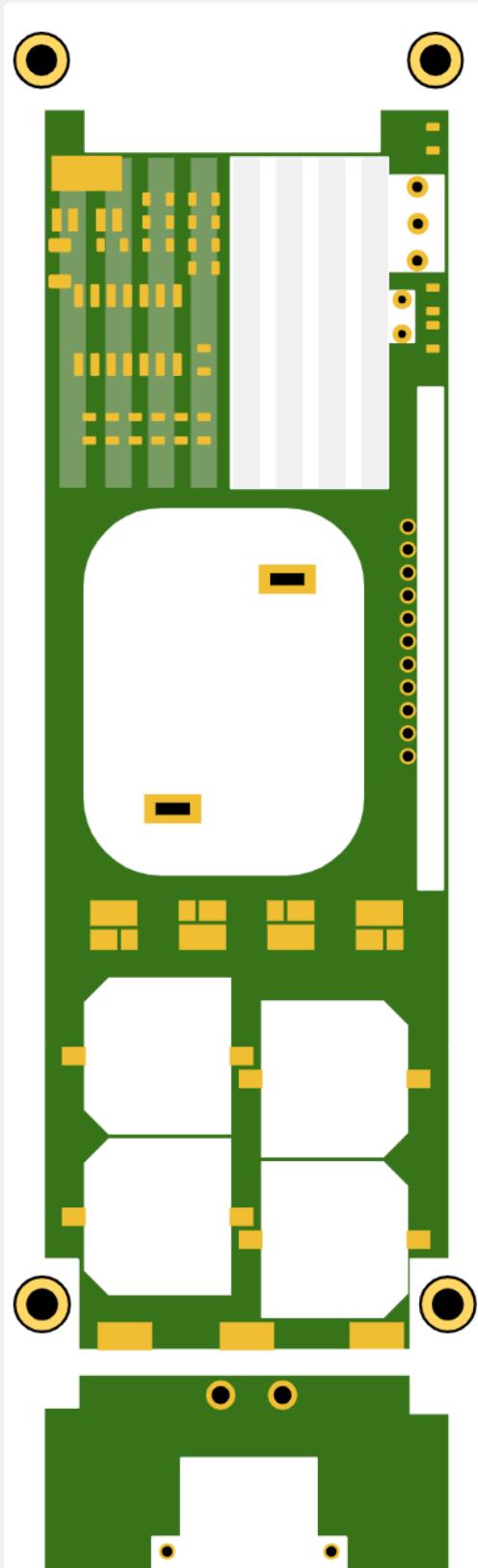






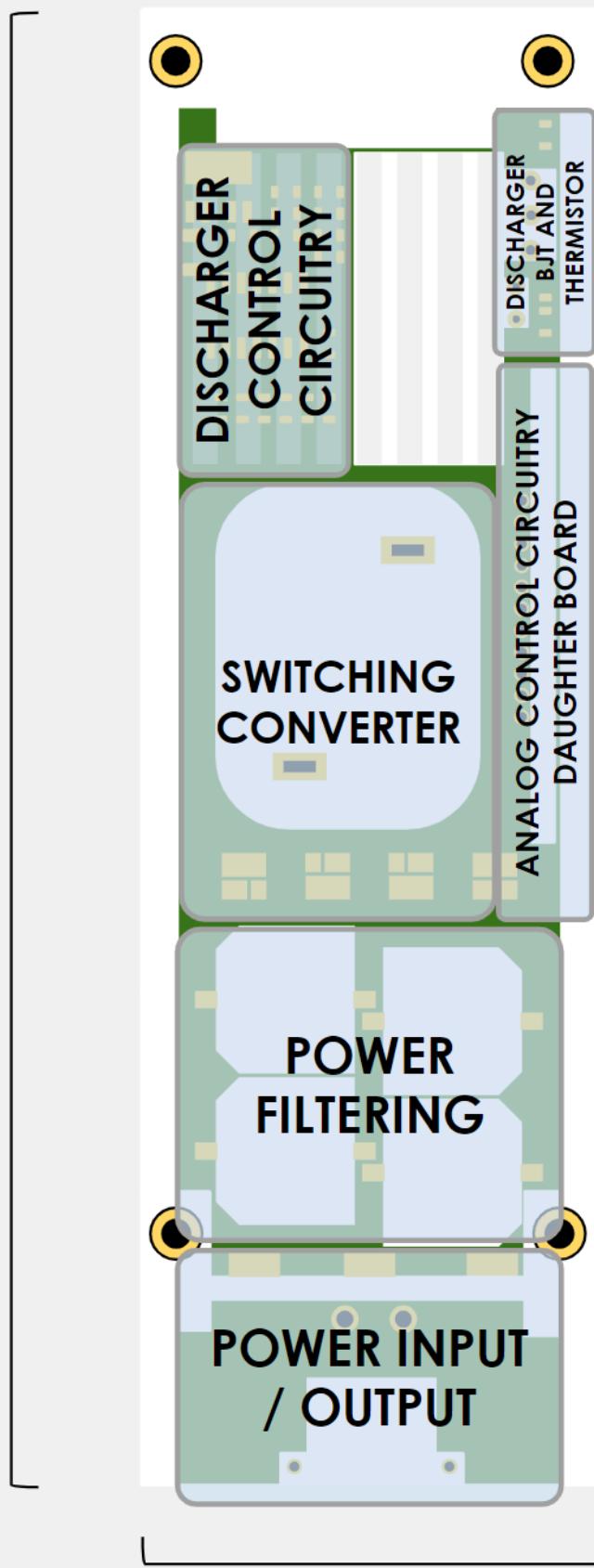
35 mm

~110 mm

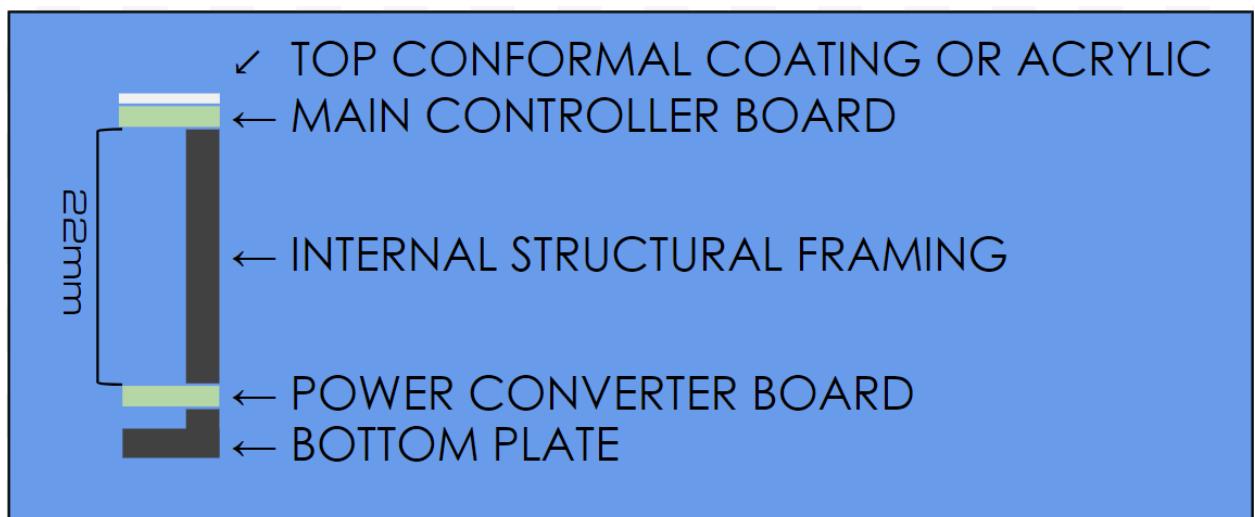
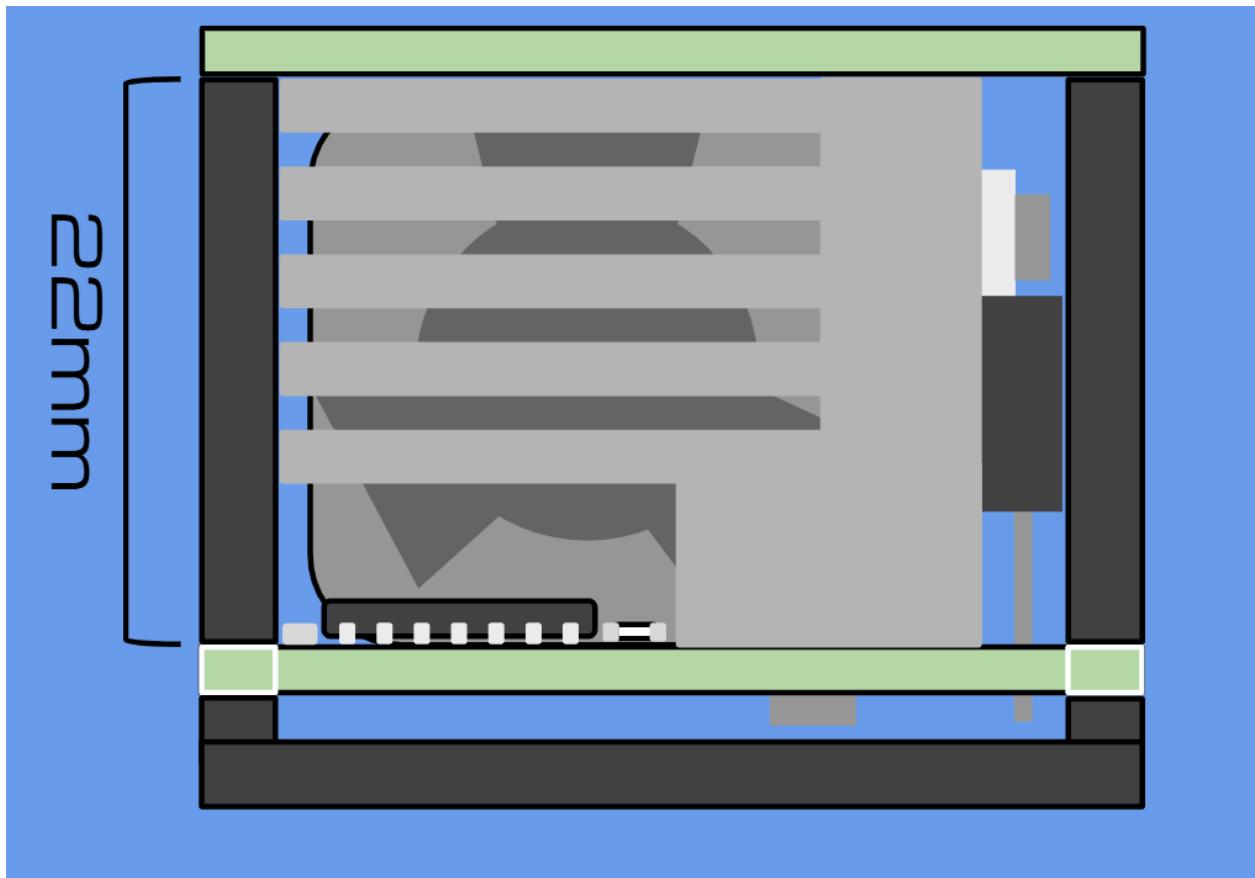


35 mm

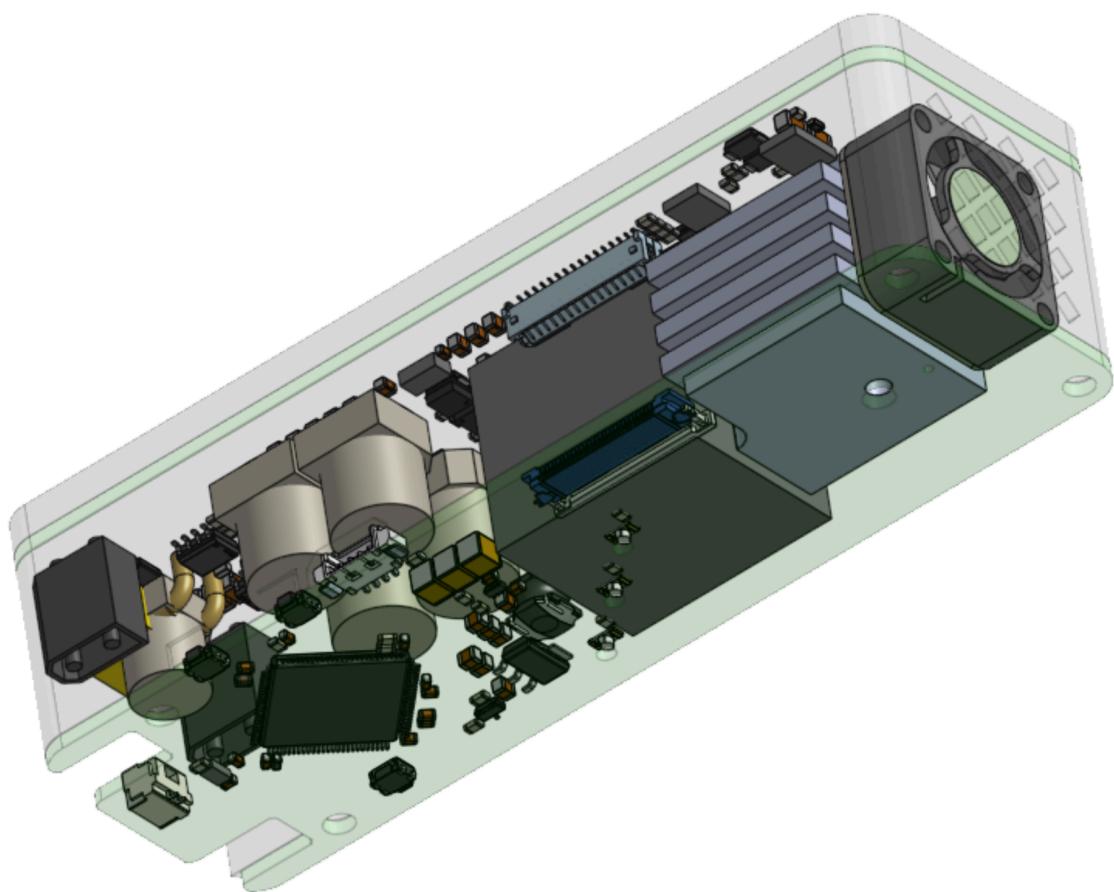
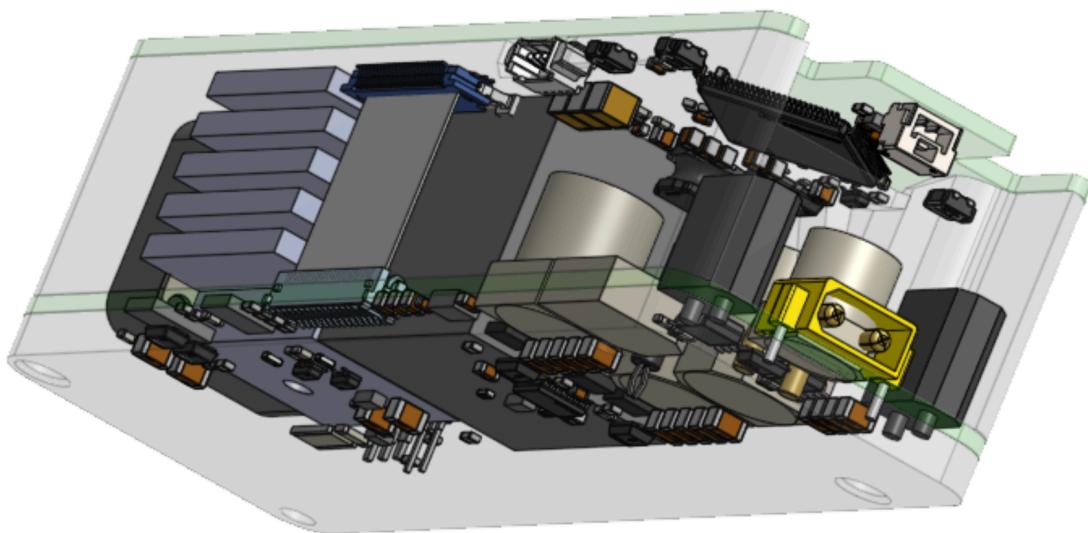
www.OTT~

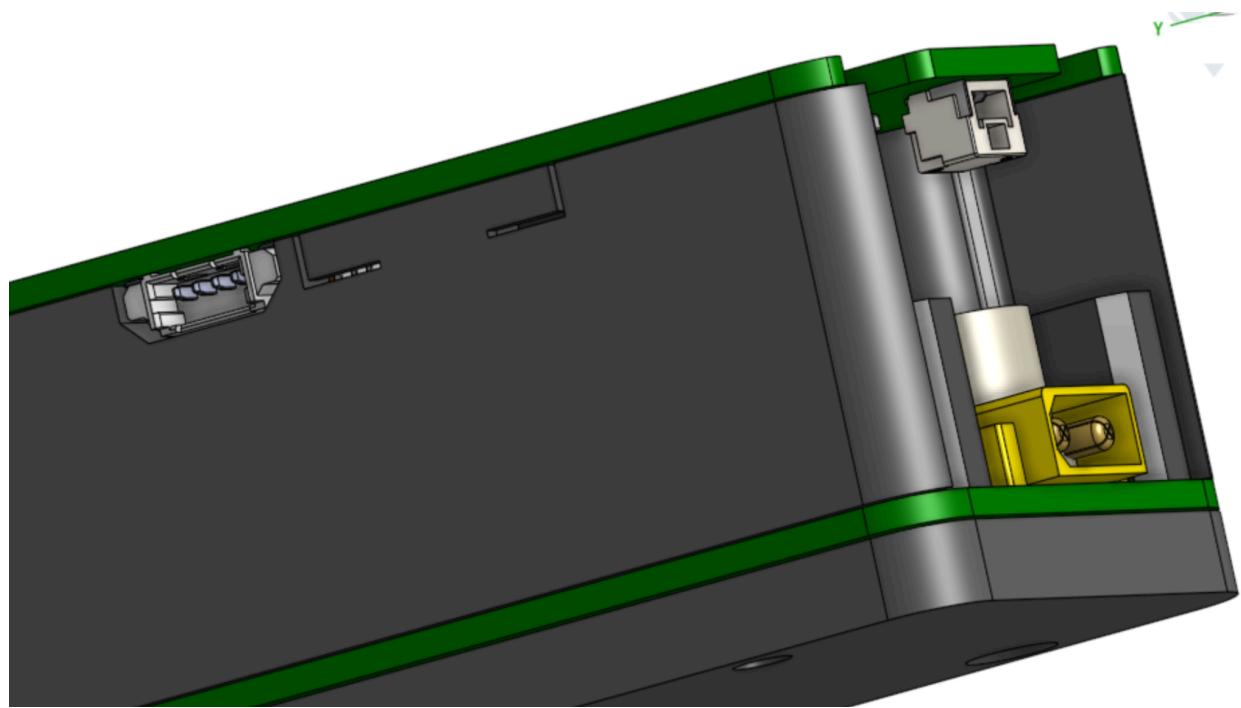
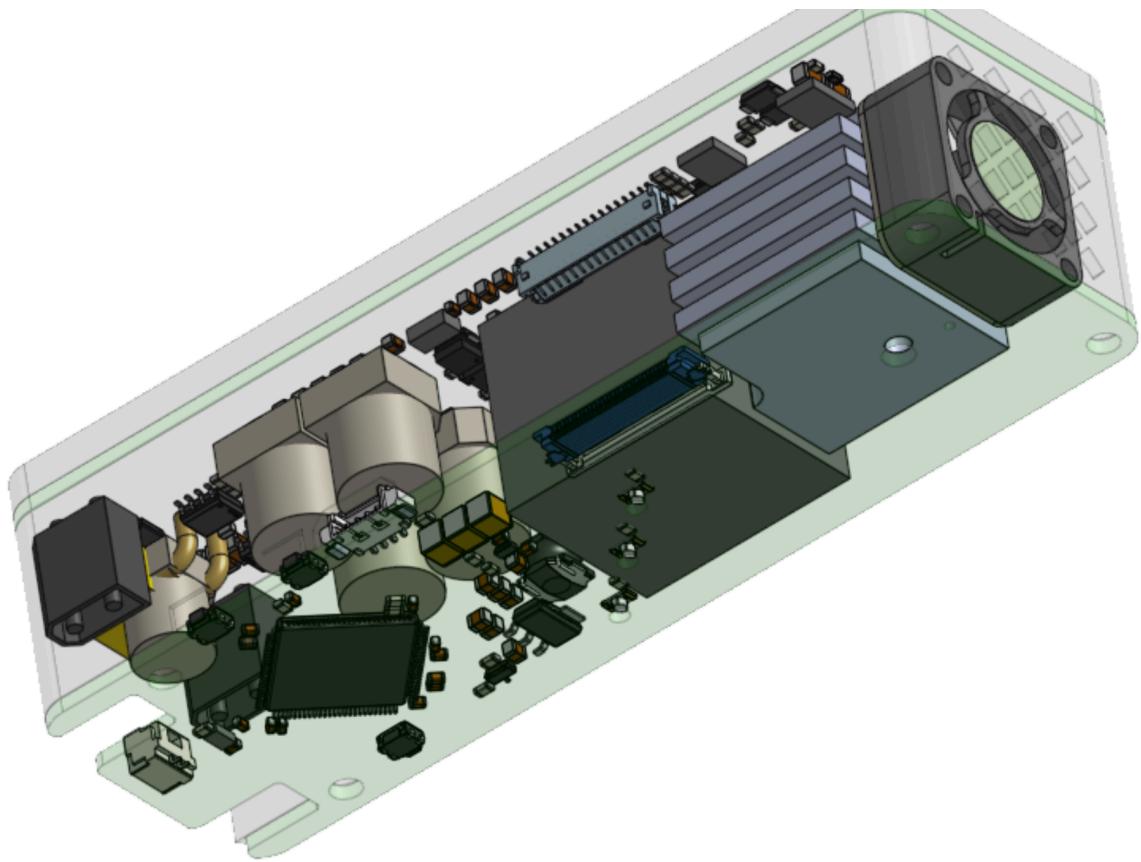


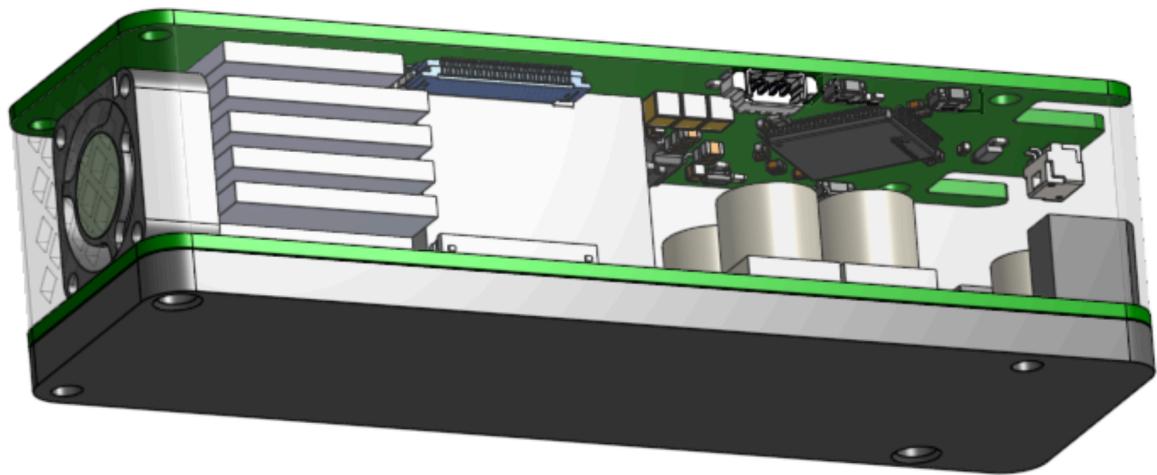
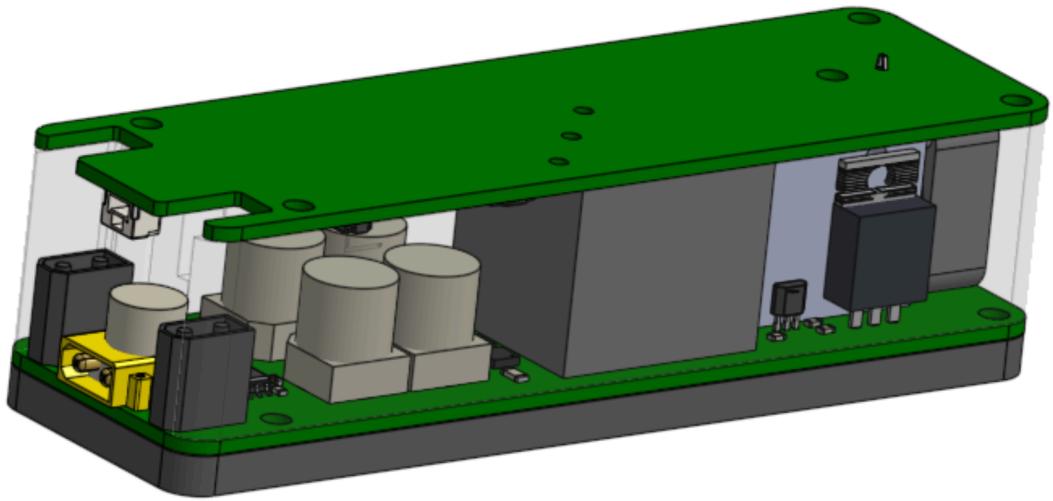
35 mm

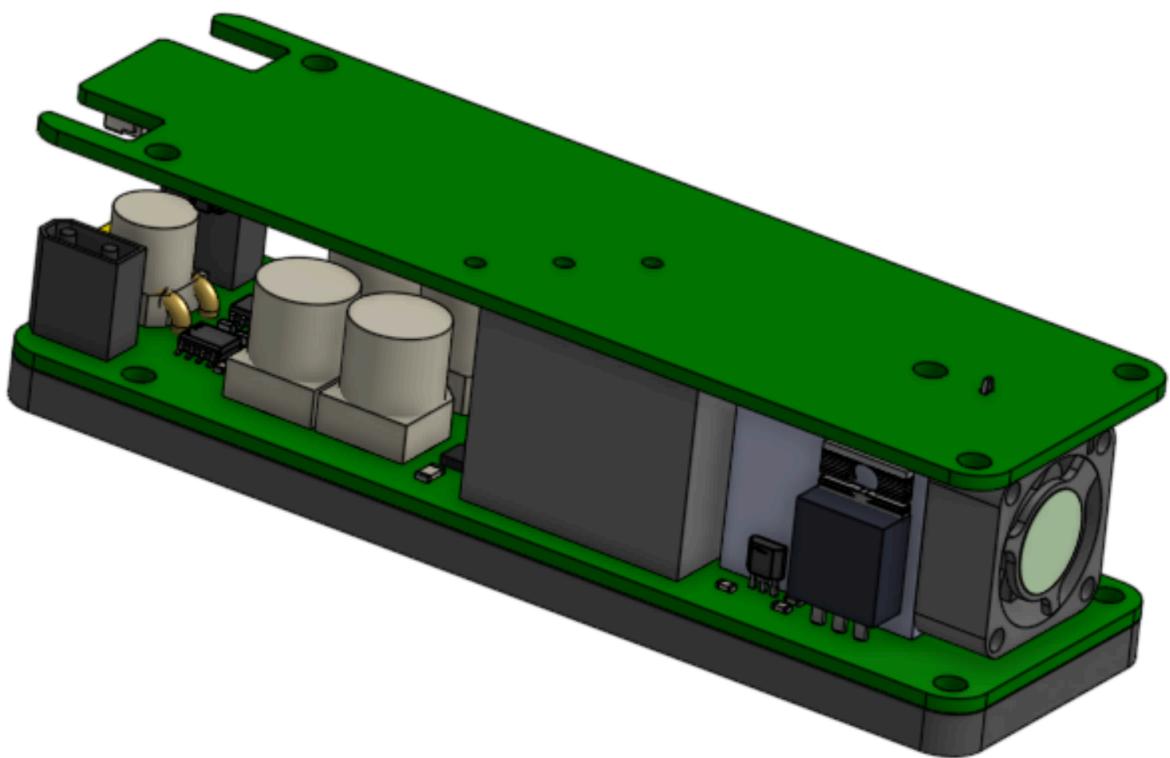
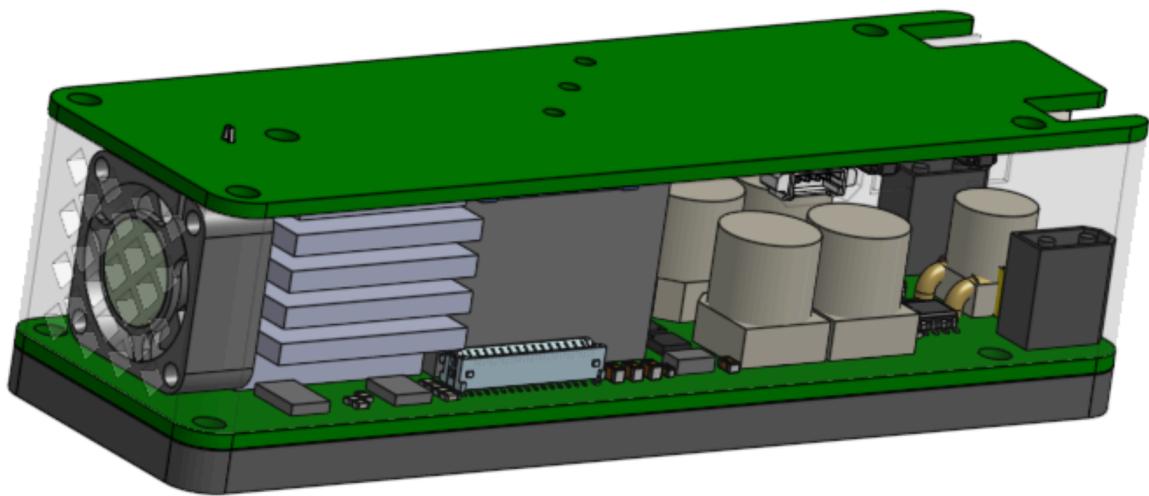


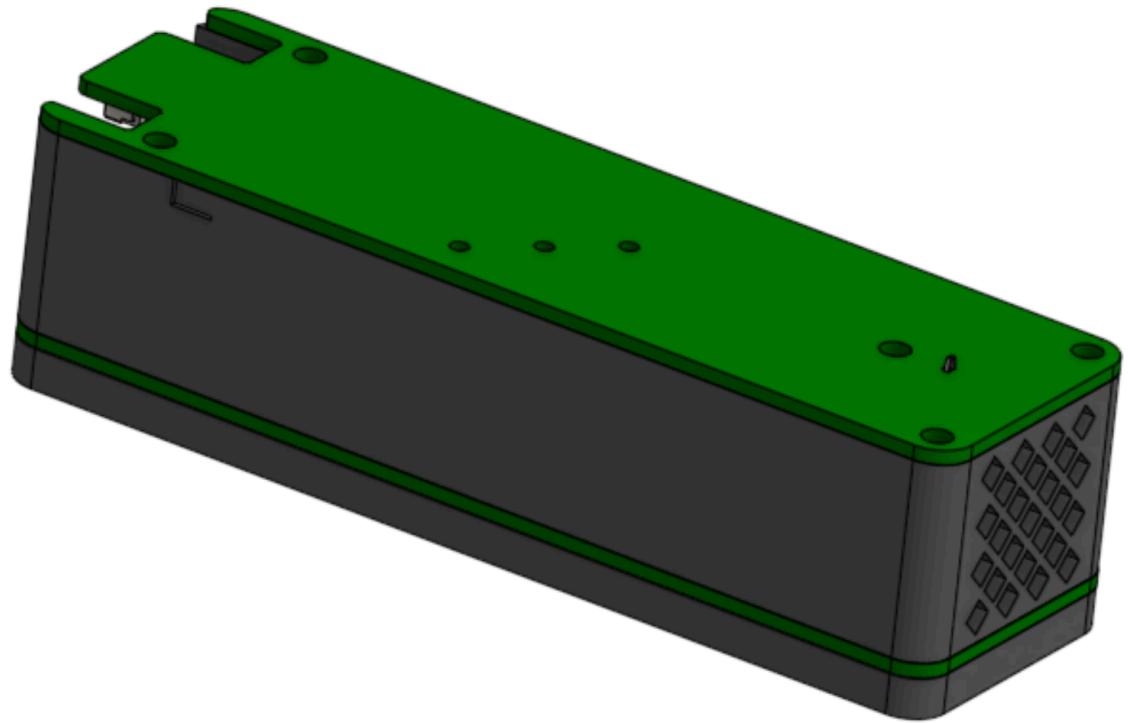
Images of 3D model of electronics, finalized design:

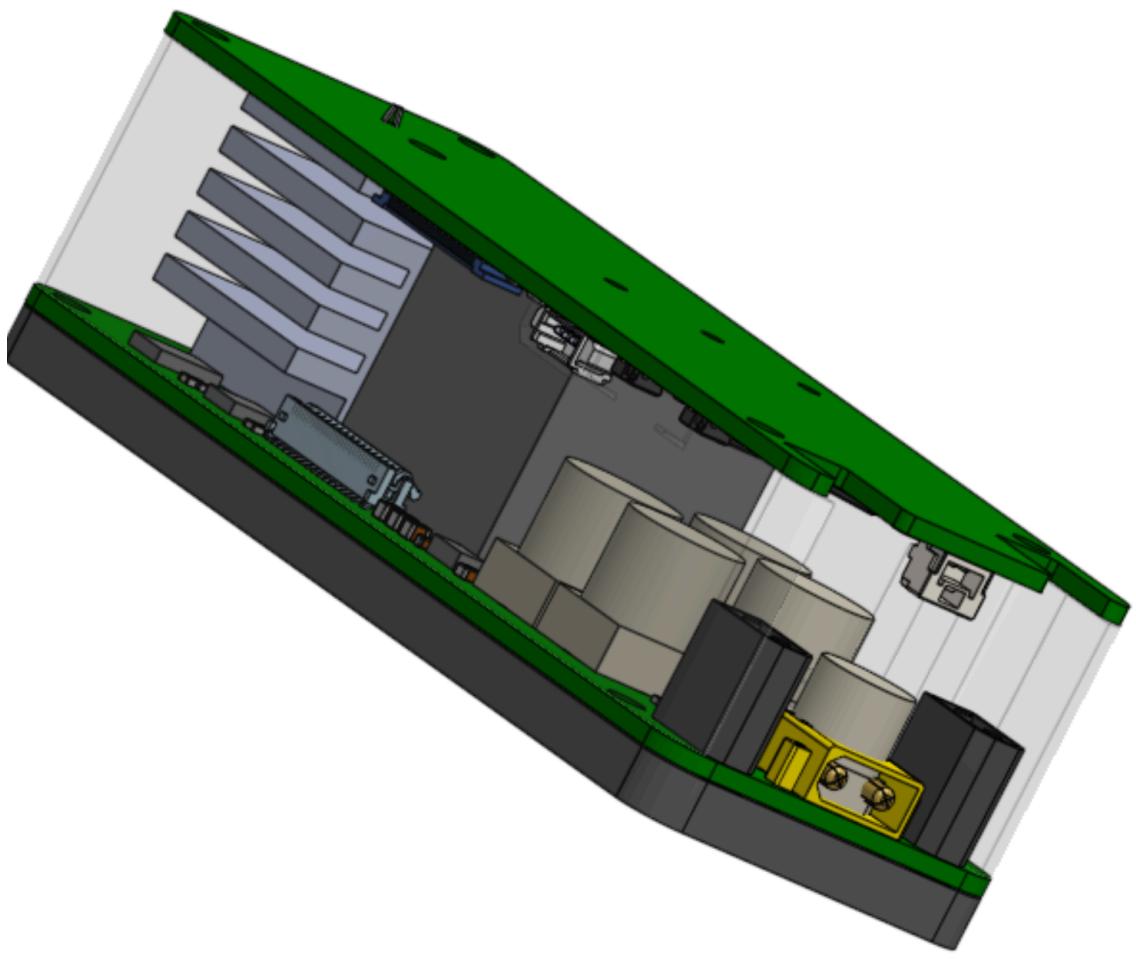












Size comparison between CB-3 and CB-4 casing:



CB-4 electronics under testing:



