

use a switching regulator instead for better heat managemet.

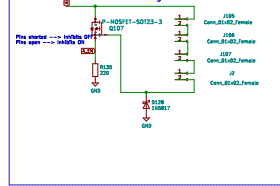
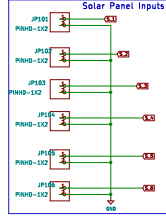
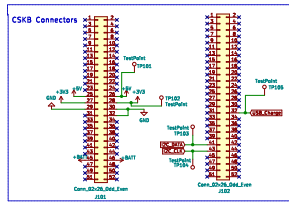
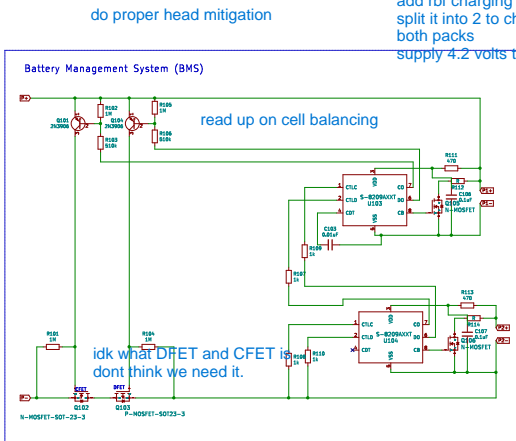


figure out charging logic

harnessing lol

Charging and Power delivery cannot happen at the same time

Mounting holes to GND

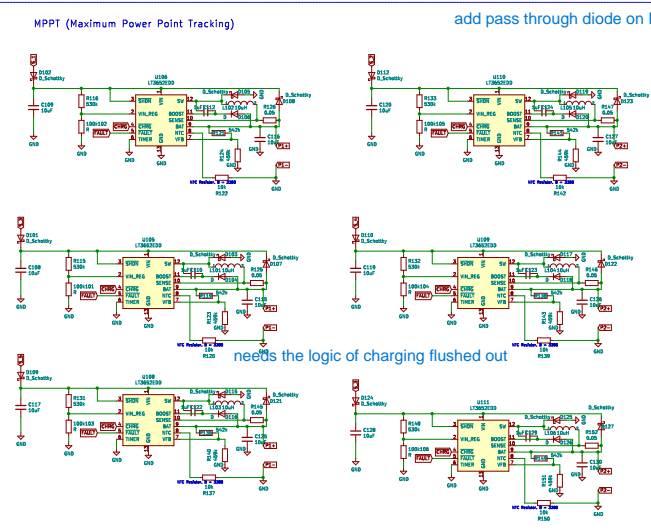
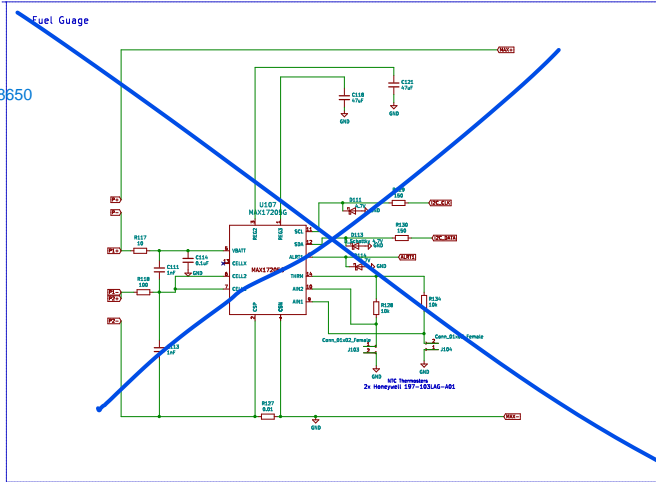


do proper head mitigation

add rbf charging logic
split into 2 to charge
both packs
supply 4.2 volts to charge 18650

read up on cell balancing

idk what DFET and CFET is
dont think we need it.



add pass through diode on PCB

more calcs on power budget
more calcs on inhibit logic

needs the logic of charging flushed out