Updates on ordering PCBs- issue with Axxon’s and our parts getting mixed up

Ordered on 2/6/19, estimated delivery Feb 19

Element of Macrofab DRC not registering in Eagle

* Need to use different BGA on power board. Erik gave us another option in different package… pretty much same layout with some shifting of traces on Power Board
* Downloaded 4-layer standard Eagle DRC file… did not flag anything (solder paste aperture)

3rd Prototype

* We have time to have 3rd prototype put together by showcase but concern about getting it working
* Biggest board: power board (solar cell, battery), possibly stack them or tile them differently
* Shrink form factor
* Shorter headers? Need 1.6mm between boards. Stackable- get long headers that you solder across the stack

Risks

* Power board needs to power processor- worst comes to worst, make a
* Comms not working (it’s finicky)
* Power board not working (lot’s going on there), fuel gauge not giving voltage reading

Debug hooks? Bypass fuel gauge, unattach buck boost converter