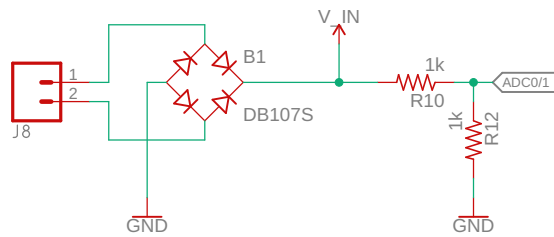
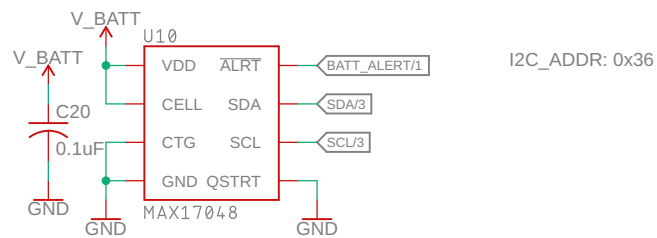


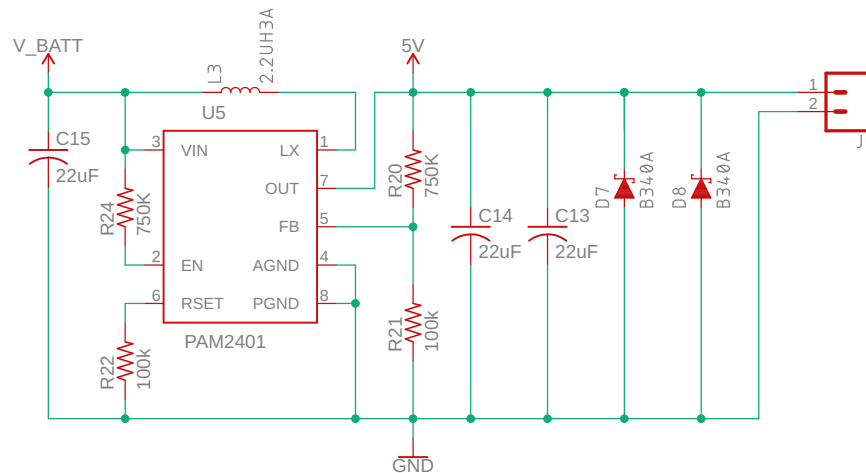
Generator voltage rectifier



Battery management unit

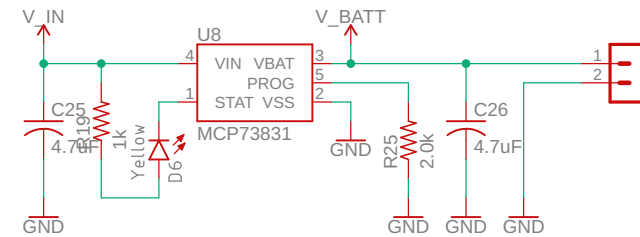


5V voltage regulator



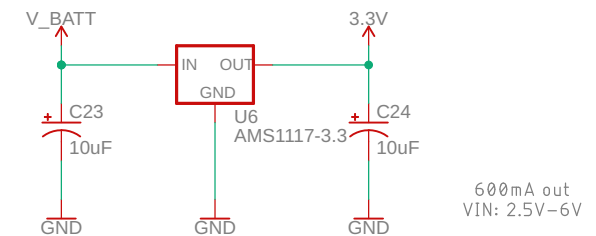
Lithium-Polymer battery charger (1-cell)

V_BATT should be a single-cell LiPo battery.



Charge current:
 $I_{CHG} = 1000 / R_{PROG}$
 $R_{PROG} = 2k : I_{CHG} = 500mA$

3.3V voltage regulator



600mA out
 VIN: 2.5V-6V

uBike

J.G.Aguado

30/03/2022 9:36

Sheet:

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