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**Salah-Eddine Missri**

Sheet: /Sensors/

File: sensors.sch

**Title: Speedy the nanocopter**

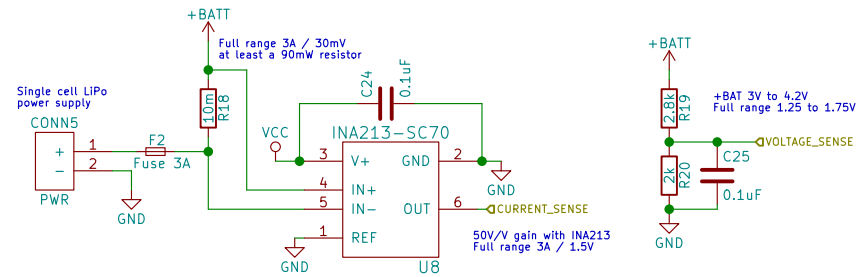
Size: A4 Date: 2016-06-24

KiCad E.D.A. kicad 4.1.0-alpha+201606241232+694645ubuntu14.04.1

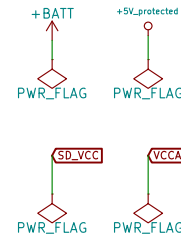
**Rev: 1F**

02/05

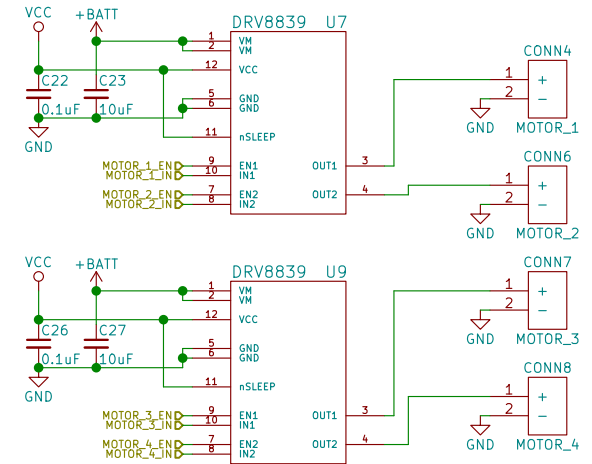
## Battery current & voltage monitoring



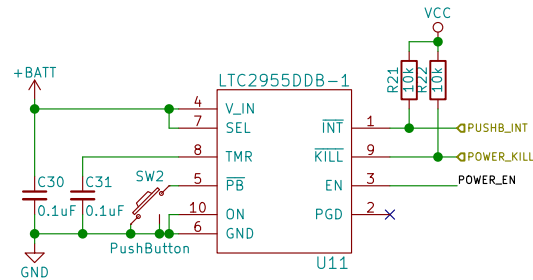
## For KiCad DRC checks



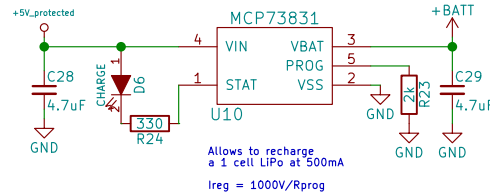
## Motor drivers



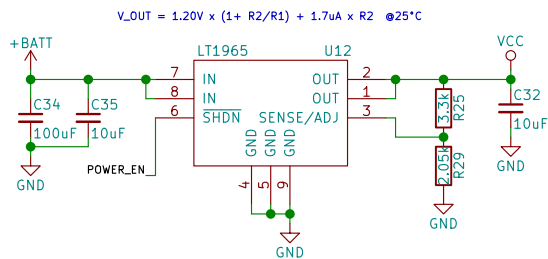
## Pushbutton ON/OFF



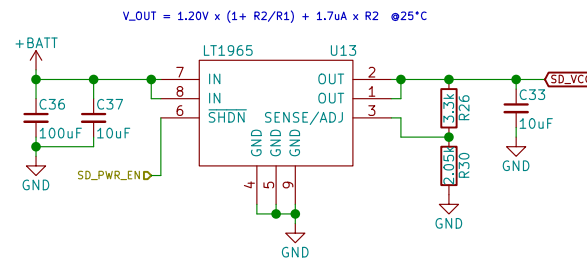
## USB Battery recharge



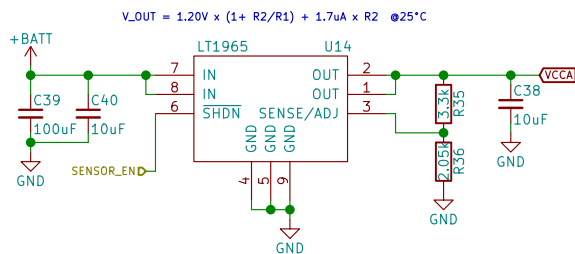
## Power regulator (2.8V)



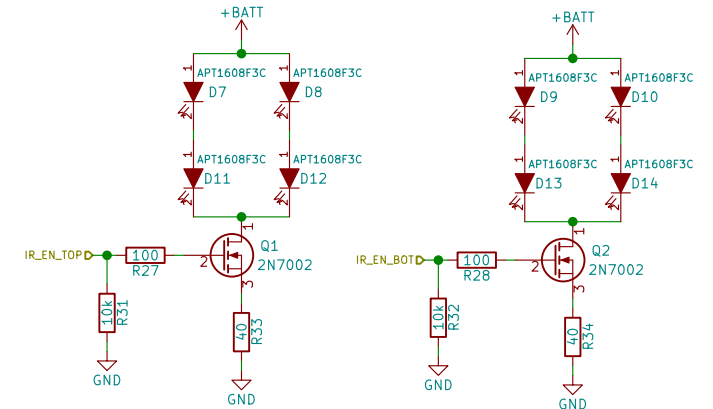
## SD card regulator (2.8V)



## Sensors power regulator (2.8V)



## IR LEDs (for motion tracking)



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