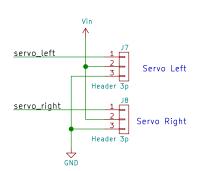
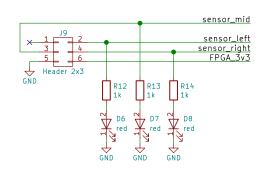


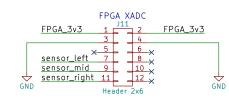
## Servo Connections



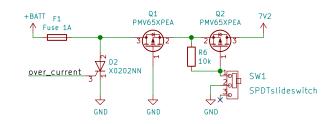
## Sensor Connections



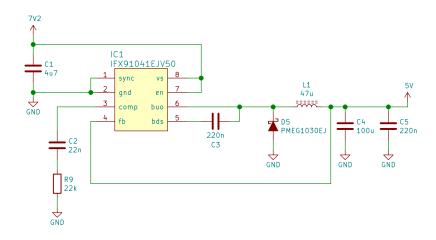
## FPGA A



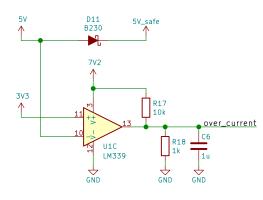
Protection Circuitry and Power Switch



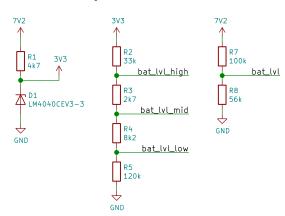
5V DC/DC Converter



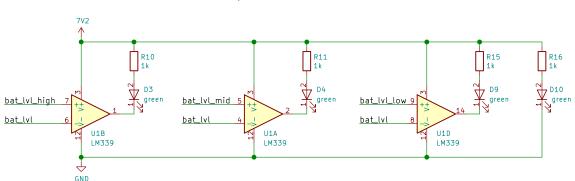
Over-current Detection



## Voltage Reference



Battery Level Indicator LEDs



X. van Rijnsoever Checked by: P.A. 't Hart TU Delft, EWI, EEE Sheet: 1/1 File: powerboard.sch Title: Mars Rover Powerboard

Size: A3 Date: 2017-07-21 KiCad E.D.A. kicad 4.0.4-stable