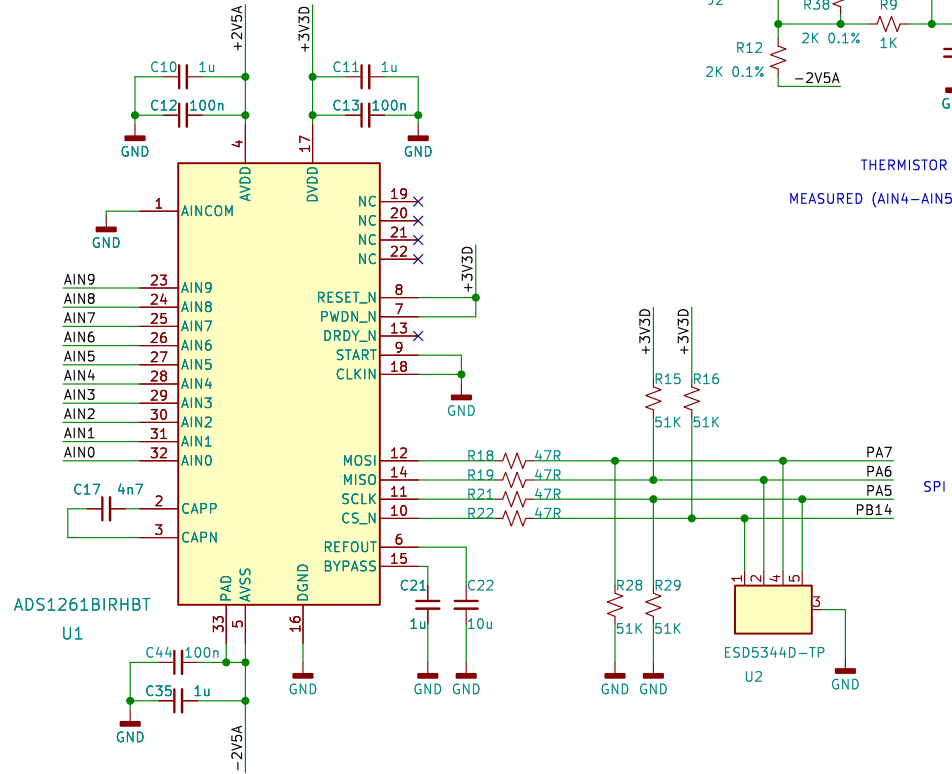
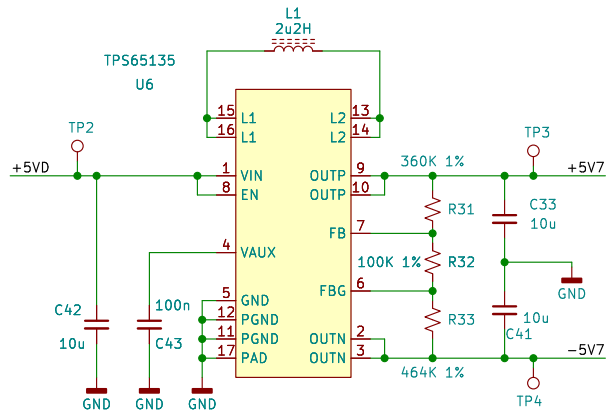


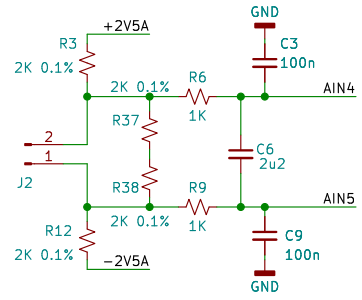
TODO: consider to move the thermistor inputs to a seperate board due to ADC internal crosstalk.



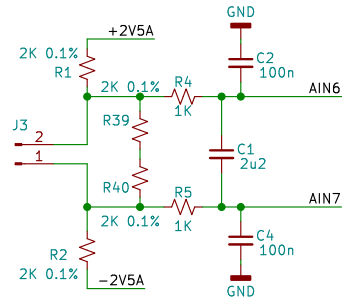
5 CHANNELS DIFFERENTIAL 24BIT ADC



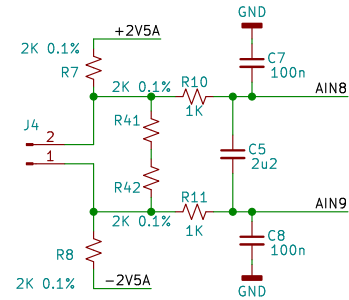
DC/DC $\pm 5.7V$



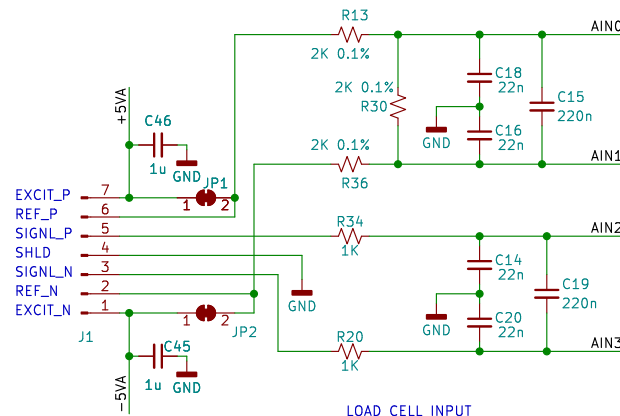
MEASURED (AIN4-AIN5)/(AVDD-AVSS)



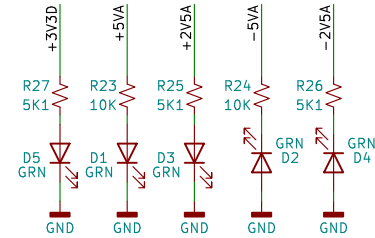
MEASURED (AIN6-AIN7)/(AVDD-AVSS)



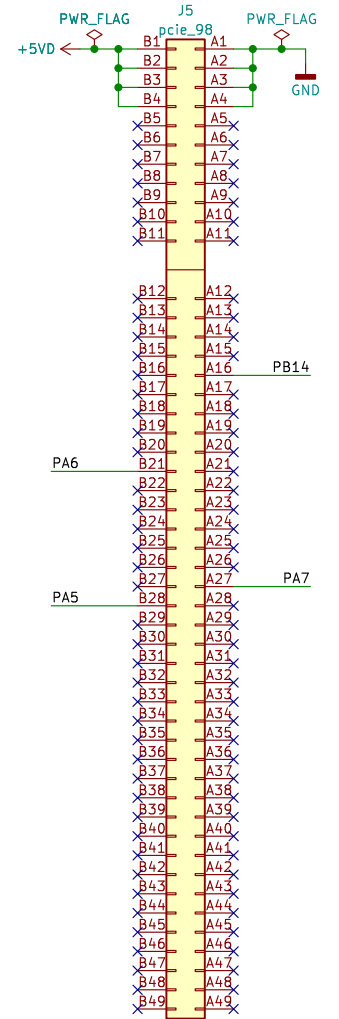
MEASURED (AIN8-AIN9)/(AVDD-AVSS)



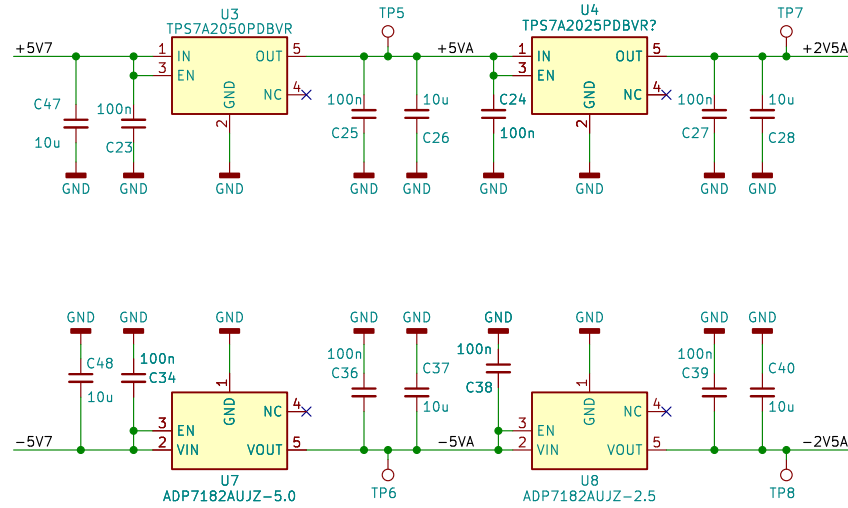
LOAD CELL INPUT
MEASURED (AIN2-AIN3)/(AIN0-AIN1)



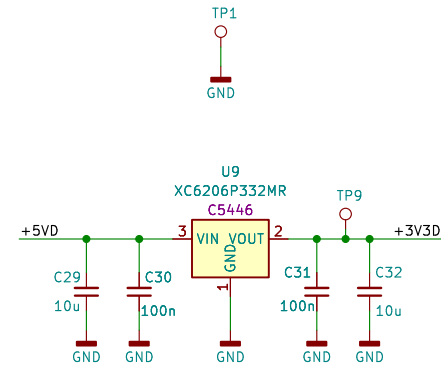
INDICATIONS



BUS



LOW NOISE LDO $\pm 5V$, $\pm 2.5V$



DIGITAL 3.3V