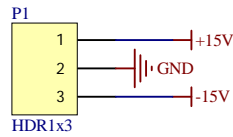
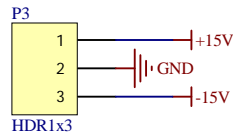


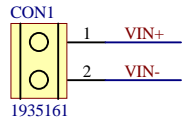
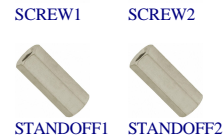
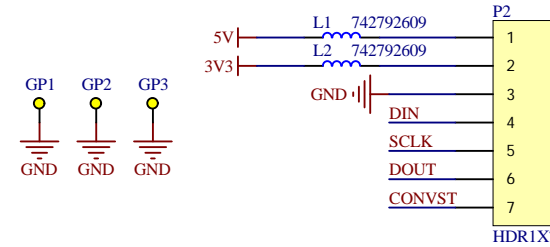
Screw Terminal:



Pin Header:

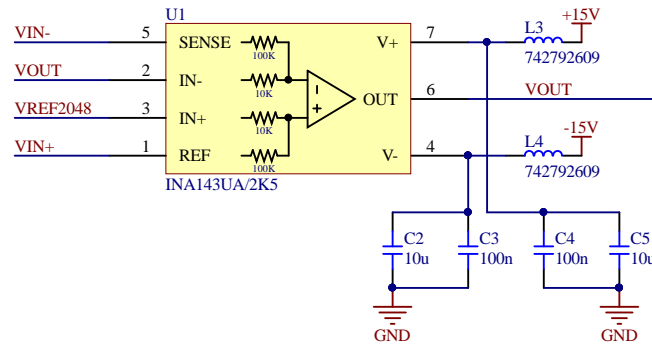
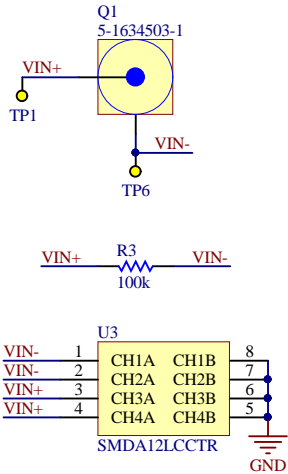


Pin Header:

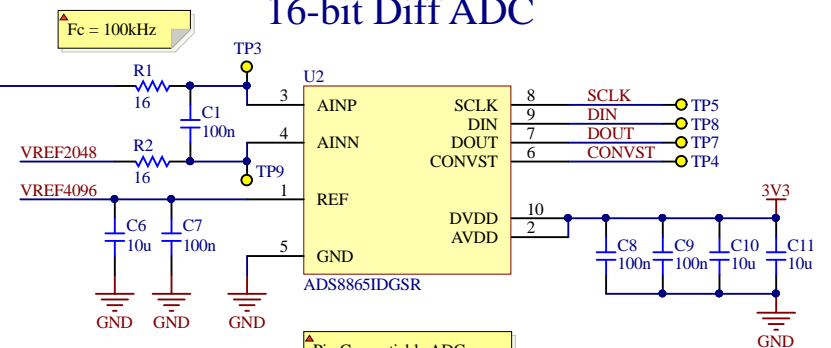


$G=0.1$ Diff Amp

$$VOUT = 0.1 * (VIN+ - VIN-) + 2.048V$$



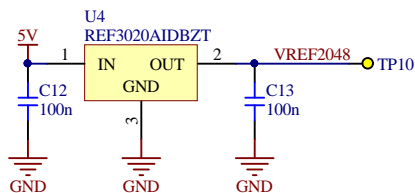
16-bit Diff ADC



Pin Compatible ADCs
100 kSPS: ADS8867
> 400 kSPS: ADS8865
680 kSPS: ADS8863
1000 kSPS: ADS8861

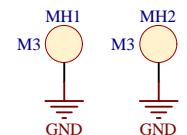
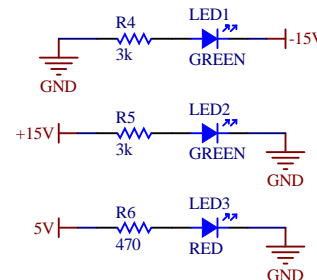
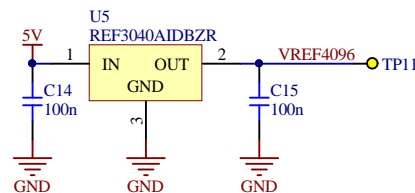
2.048V REF

25mA max



4.096V REF

25mA max



Title: Low Voltage Card - SensorCard		Severson Group WEMPEC UW-Madison	
File: AnalogSensorBoard.SchDoc	Sheet: 1 of 1		
Revision: B	Time: 6:11:20 PM		
Date: 9/2/2020	Engineer: Nathan Petersen		