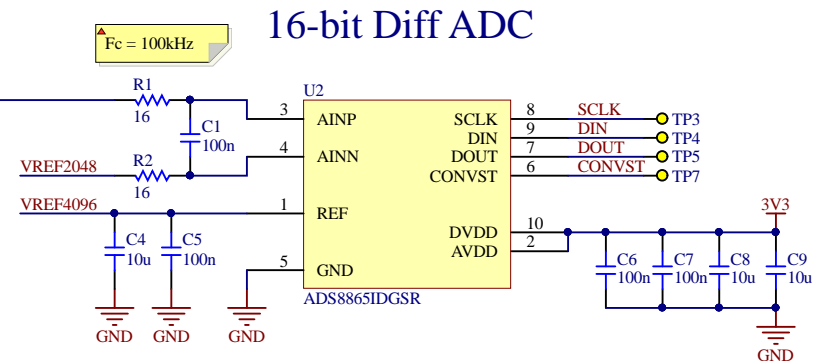
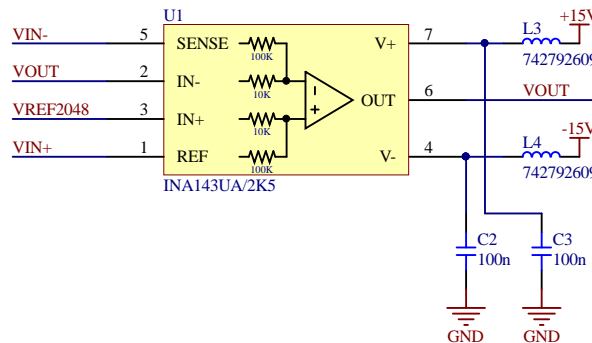
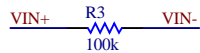
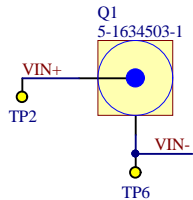


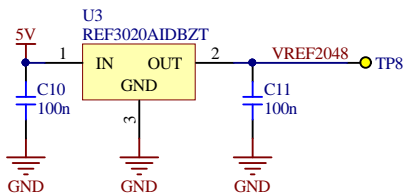
G=0.1 Diff Amp

$$V_{OUT} = 0.1 * (V_{IN+} - V_{IN-}) + 2.048V$$



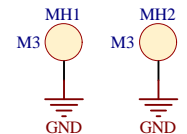
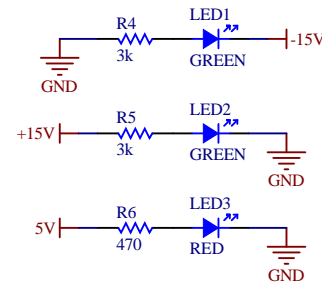
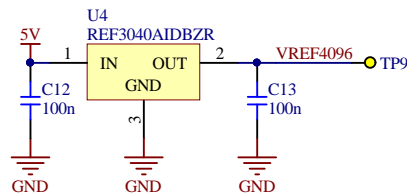
2.048V REF

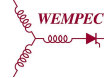
25mA max



4.096V REF

25mA max



Title: <i>SensorCard - Analog Sensors</i>			Severson Group WEMPEC UW-Madison	
File: AnalogSensorBoard.SchDoc	Sheet: 1 of 1			
Revision: A	Time: 1:20:37 PM	Date: 6/3/2020	Engineer: Nathan Petersen	