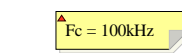
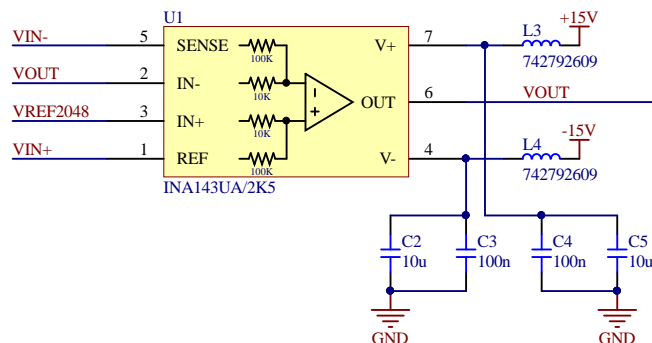
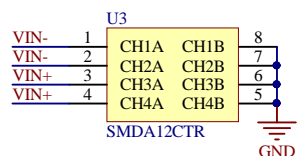
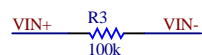
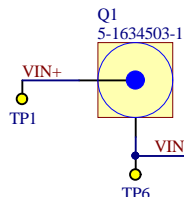
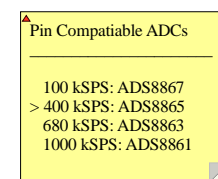
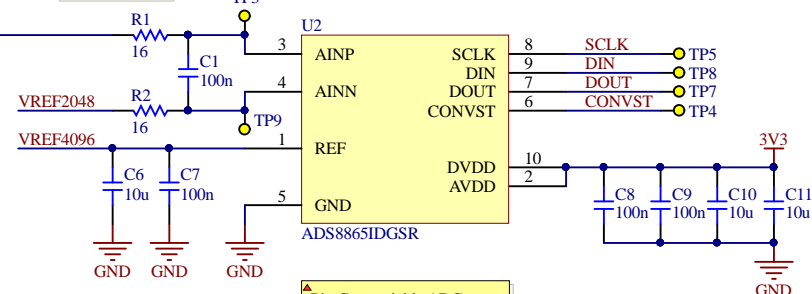


G=0.1 Diff Amp

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

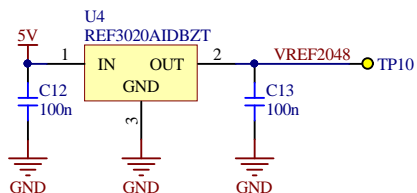


16-bit Diff ADC



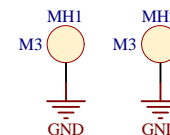
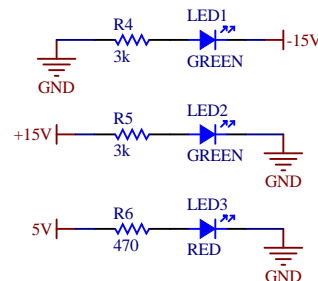
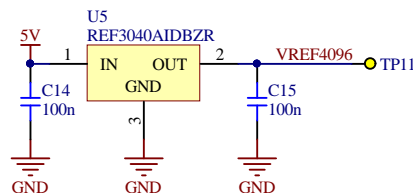
2.048V REF

25mA max



4.096V REF

25mA max



Title: **Analog Sensor Card - SensorCard**

File: AnalogSensorBoard.SchDoc

Revision: A

Time: 3:38:31 PM

Sheet: 1 of 1

Date: 6/12/2020

Severson Group
WEMPEC
UW-Madison

Engineer: Nathan Petersen

