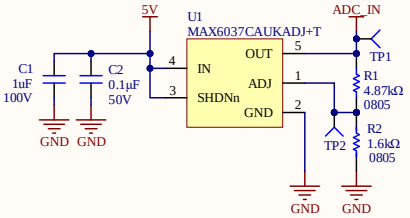
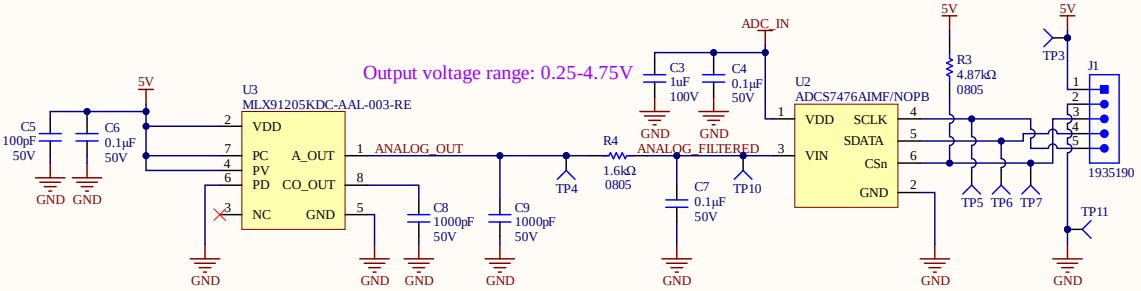
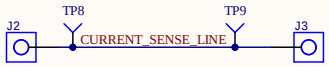


Voltage Reference:
Vadj (initial output voltage): 1.1840V
Target output voltage: 4.75V-4.85V

Vout = (1+R1/R2)Vadj
Vout = (1+ 4.87k/1.6k)1.1840V
Vout = 4.788V





Low-pass filter:
ADC sample rate = 1 MSPS
Target cut off frequency = 1 kHz

fc = 1/(2 PI R C)
fc = 1/(2 PI 1.6k 0.1u)
fc = 994.7 Hz

Title: Hall Effect Current Sensor		
Project: Current Sensor.PrjPCB		
Rev: 1	Reviewer: Lance Bantoto	
	Engineer: Kyle Hong	
Date: 2020-12-05	Sheet: 1 of 1	

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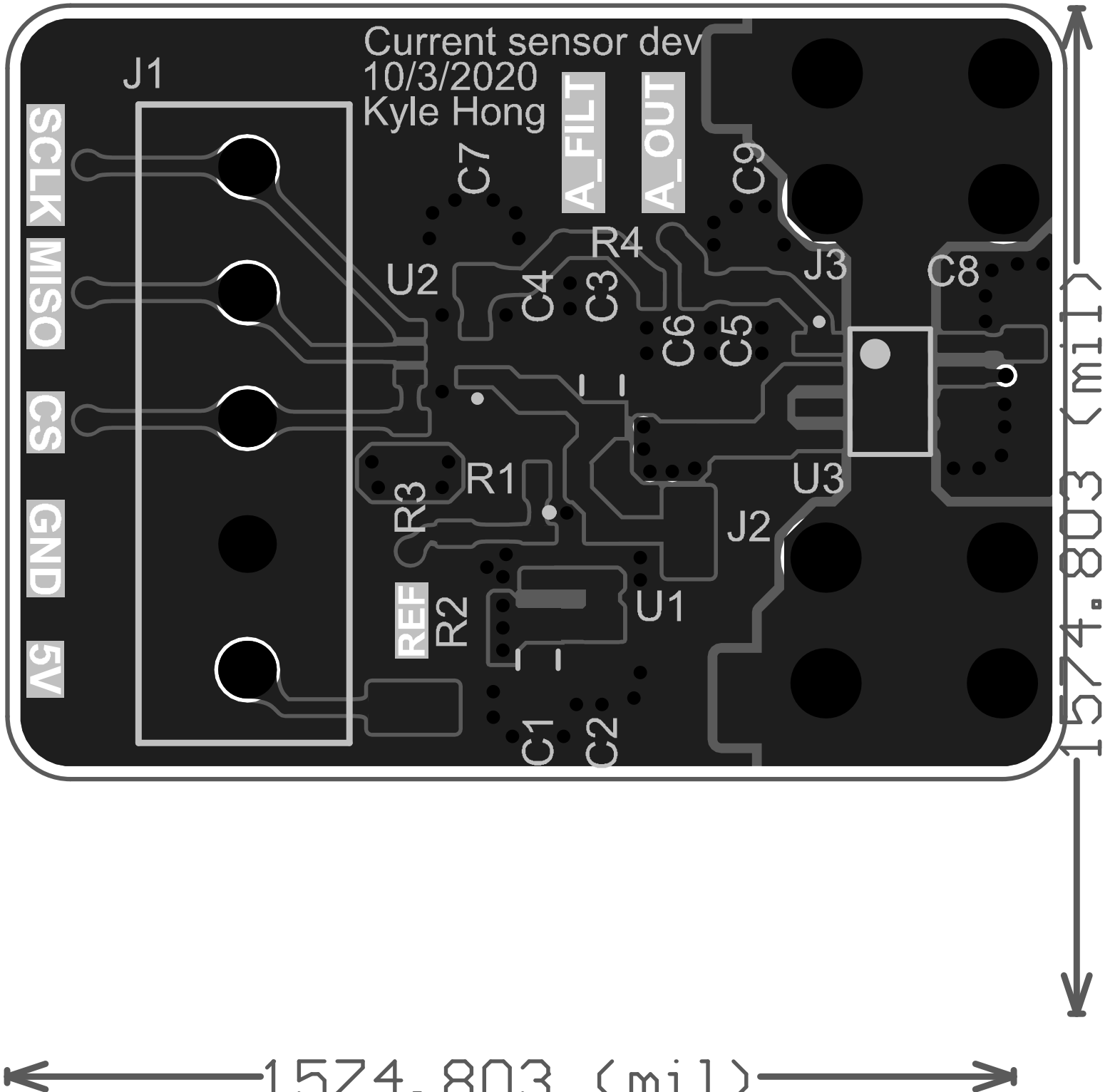
Current sensor dev
10/3/2020
Kyle Hong
J1
SCLK
MISO
CS
GND
5V
A_FILT
A_OUT
REF
U1
U2
U3
J2
J3
R1
R2
R3
R4
C1
C2
C3
C4
C5
C6
C7
C8
C9
1574.803 (mil)
1574.803 (mil)