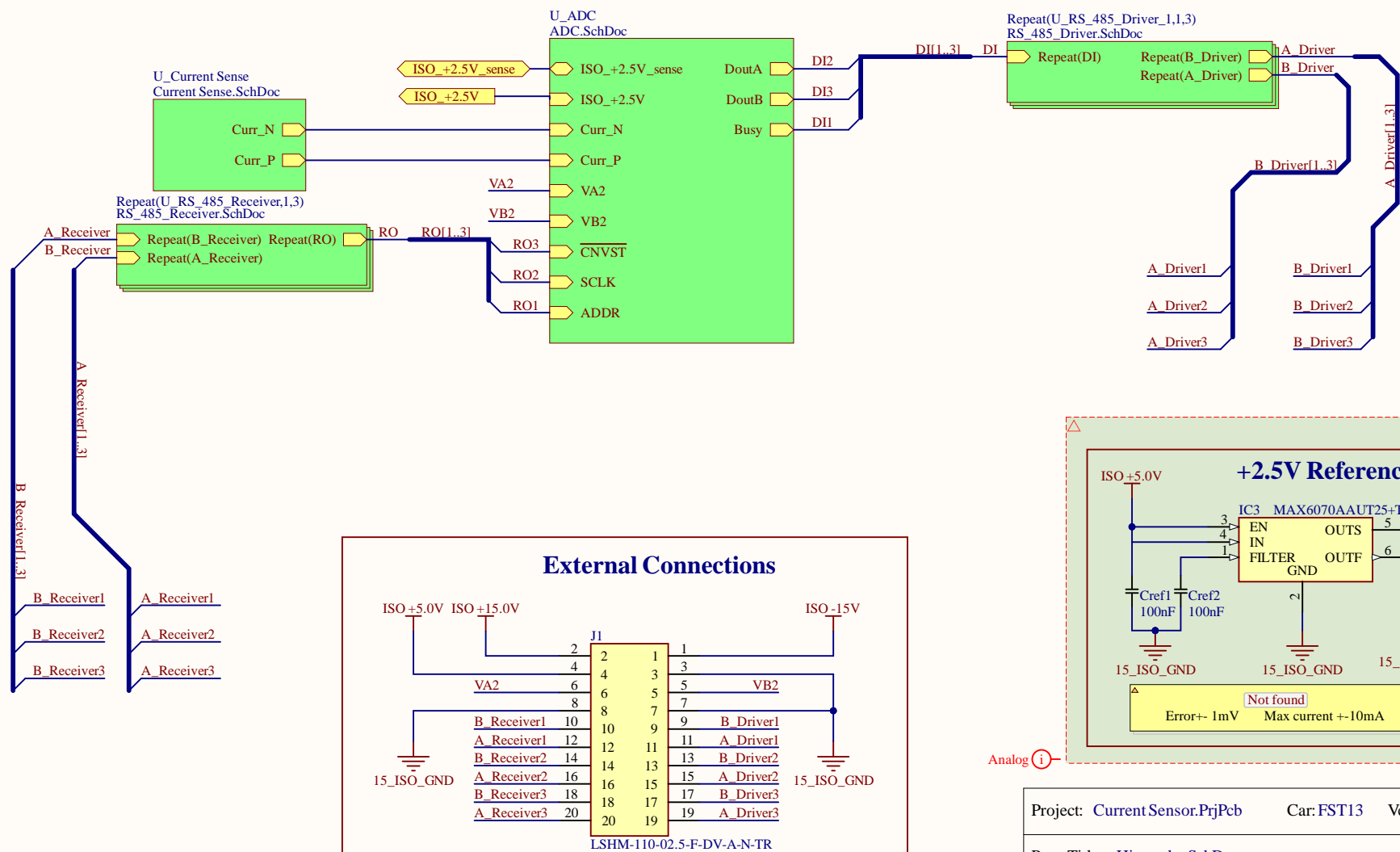
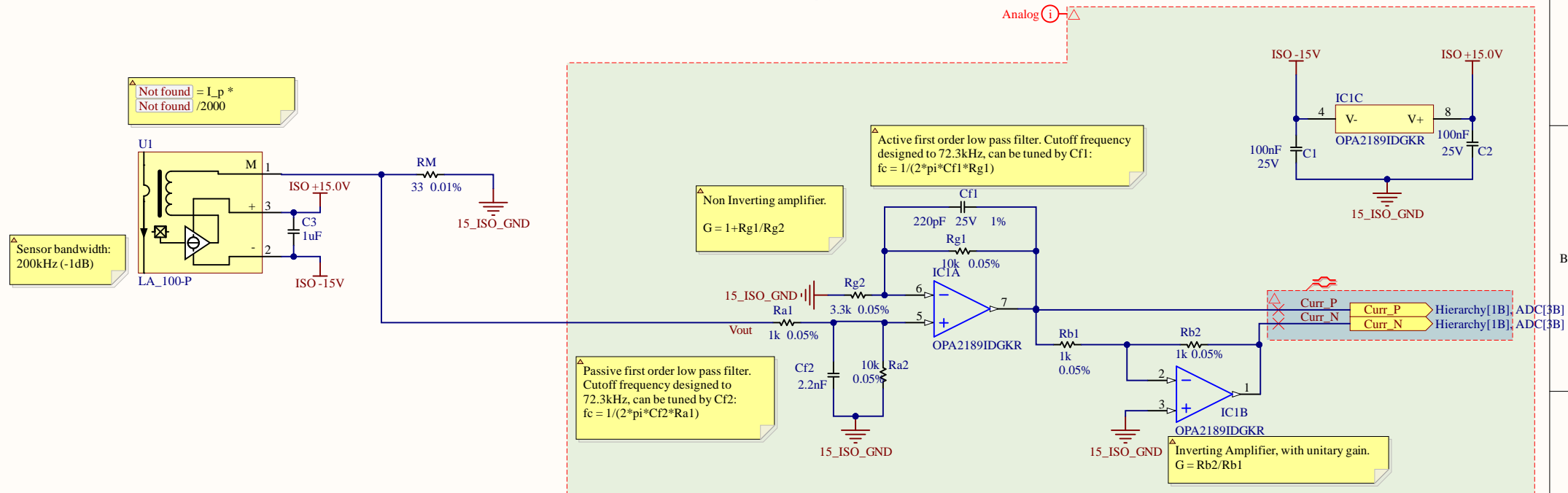


Current Sense Board



Current Sense



Falstad Simulation

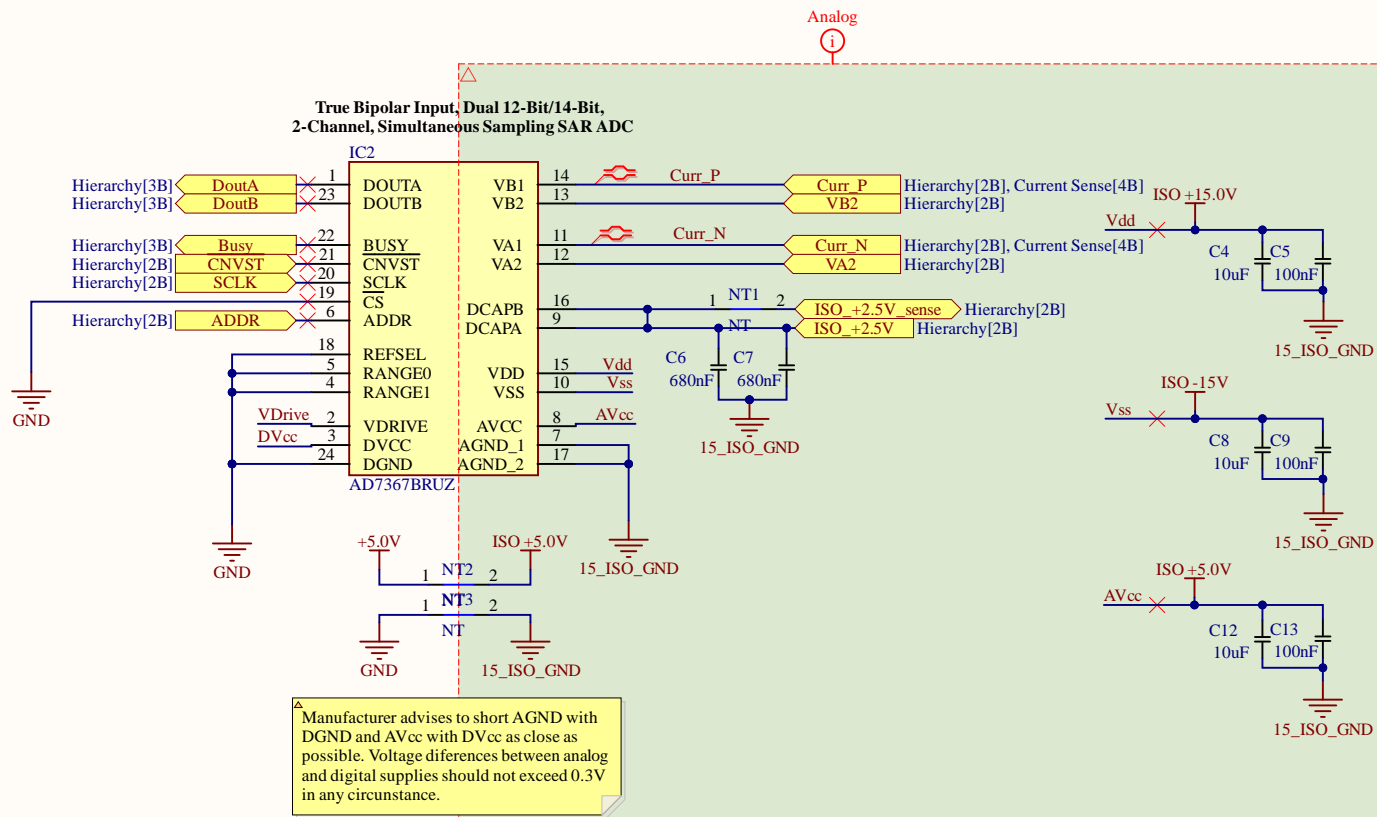
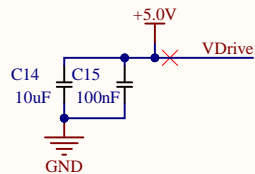
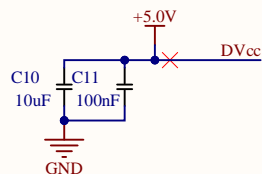
Project: CurrentSensor.PrjPcb	Car: FST13	Version: v1.0
Page Title: Current Sense.SchDoc		Page n: 2/5
Author: Israel Sother		Date: 5/19/2024



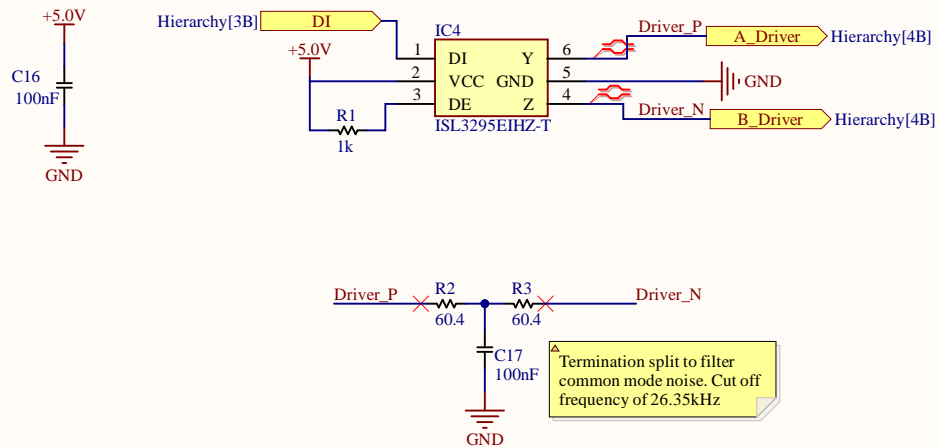
ADC

RANGE1	RANGE0	Range Selected
0	0	±10 V
0	1	±5 V
1	0	0 V to 10 V
1	1	Do not program

△ To achieve 1MSPS @ VDrive should be greater than 4.75V. Using @ VDrive = 3.3V reduces it to 900kSPS



RS 485 Driver



RS 485 Receiver

