

Sheet: /Ignition Driver/
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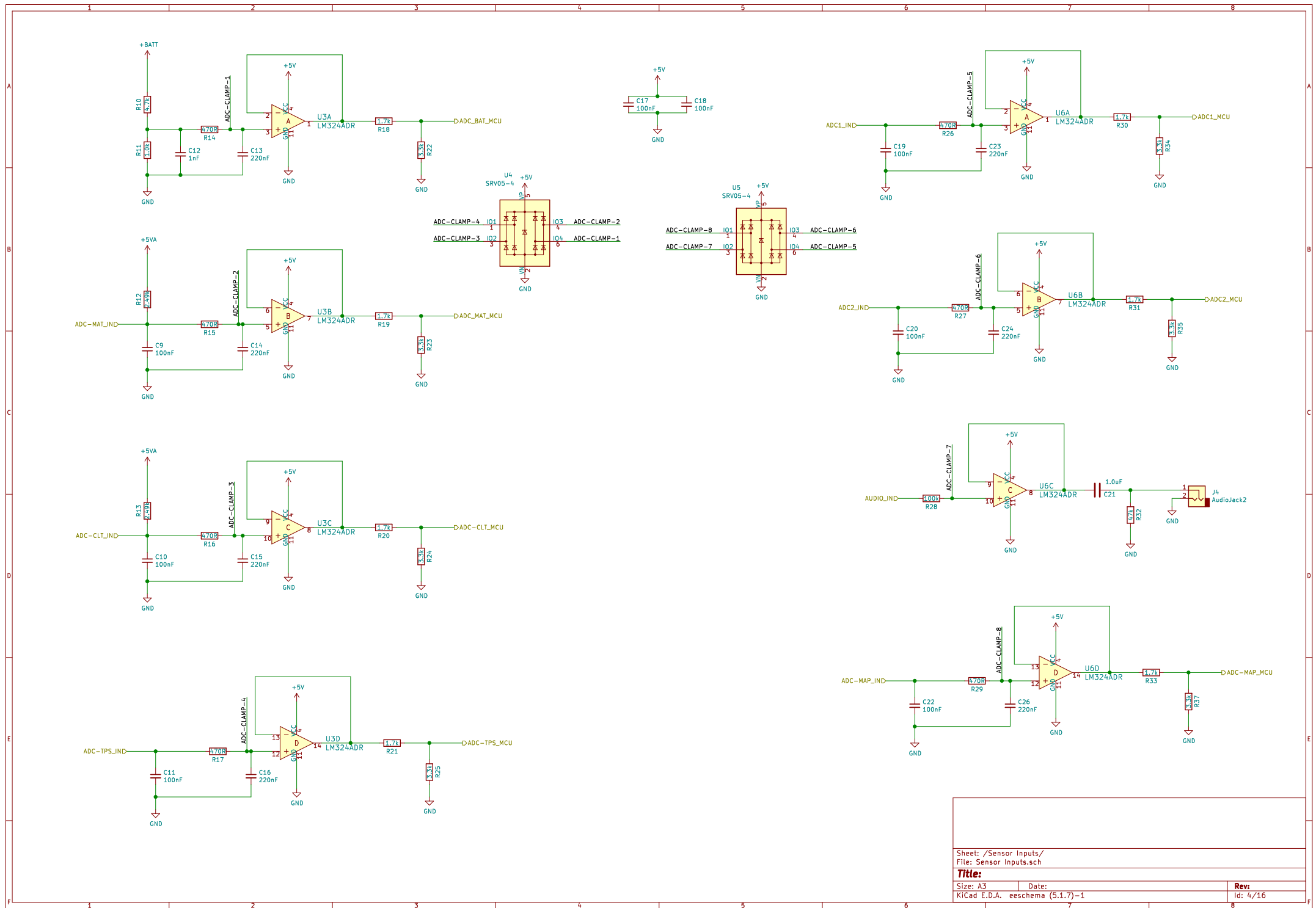
Title: Ignition Drivers

Size: A4 Date: 2020-08-01

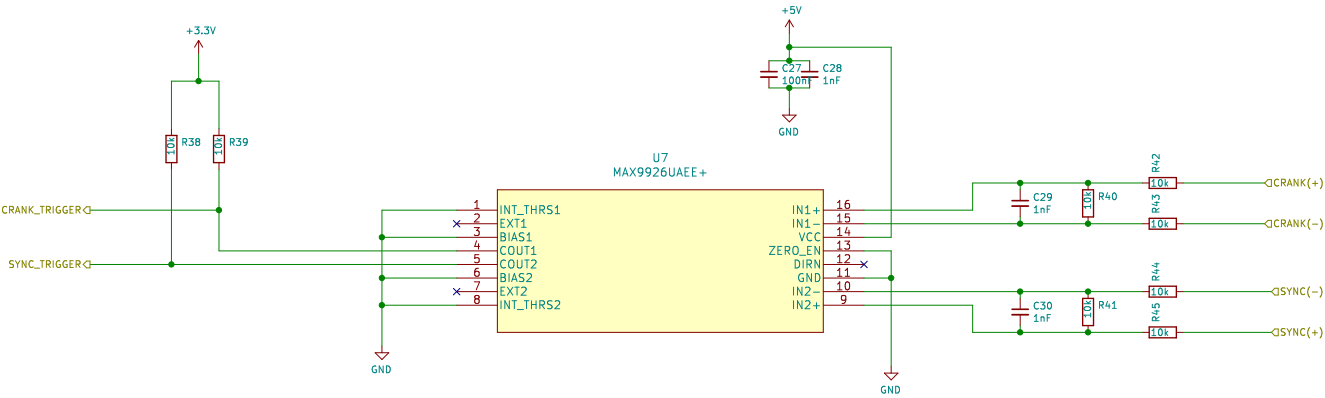
KiCad E.D.A. eeschema (5.1.7)-1

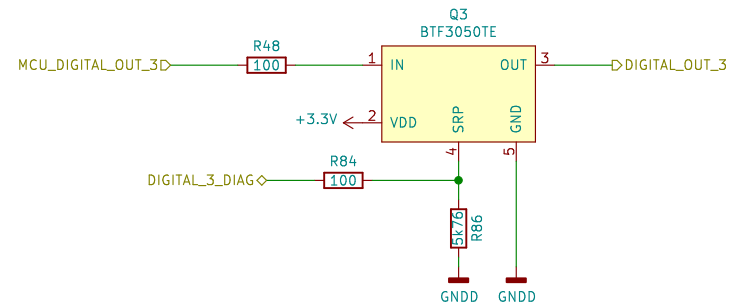
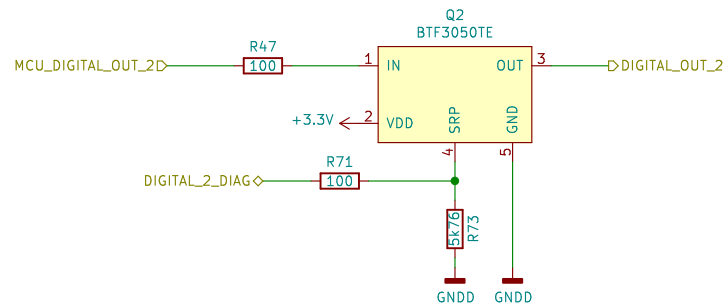
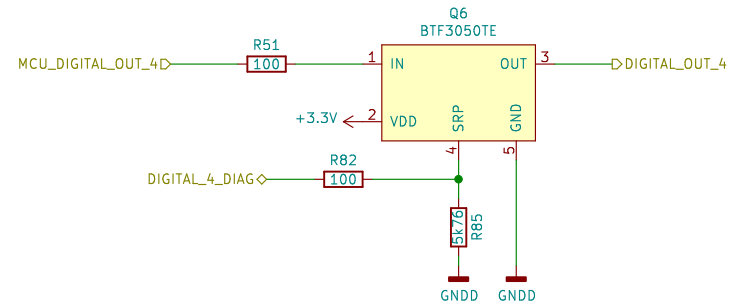
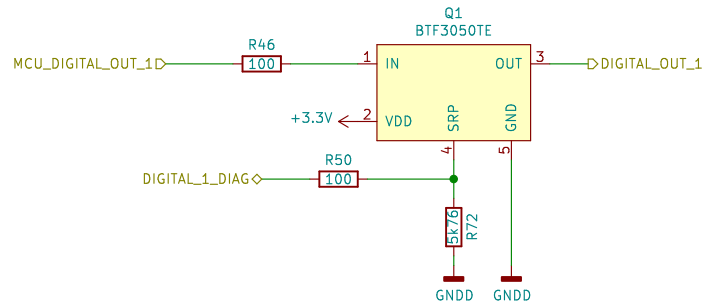
Rev: A

Id: 2/16



MAX9926 SETTINGS
1. Differential VR sensor: Connect one lead to the input resistor going to the (+) on the MAX chip and the other lead to the input resistor going to the (-).
2. Single-ended VR sensor: Connect the single lead to the input resistor going to the (+) on the MAX chip and GND the input to the resistor going to the (-).
3. Hall sensor: Connect the output of the sensor to the Input resistor going to the (+) on the MAX chip and do not connect anything to the input of the resistor going to the (-). If the Hall sensor is of an "open collector" type, add a pull-up resistor from 5V to the output of the sensor.





Sheet: /Digital Out/
File: Digital Out.sch

Title:

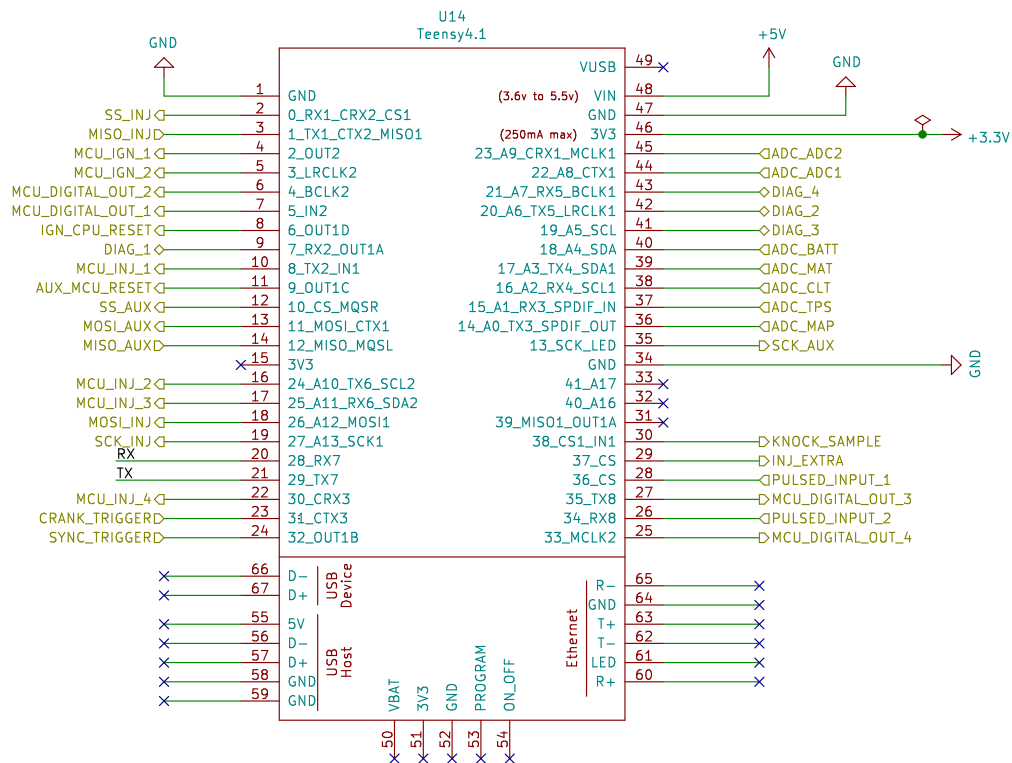
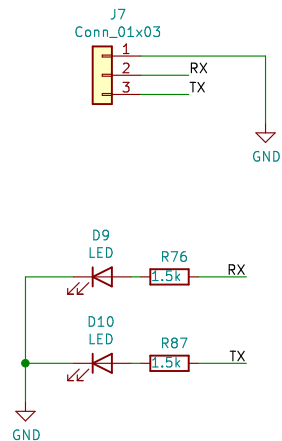
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KiCad E.D.A. eeschema (5.1.7) - 1

Rev:

Id: 6/16



Sheet: /Teensy4/
File: Teensy4.sch

Title:

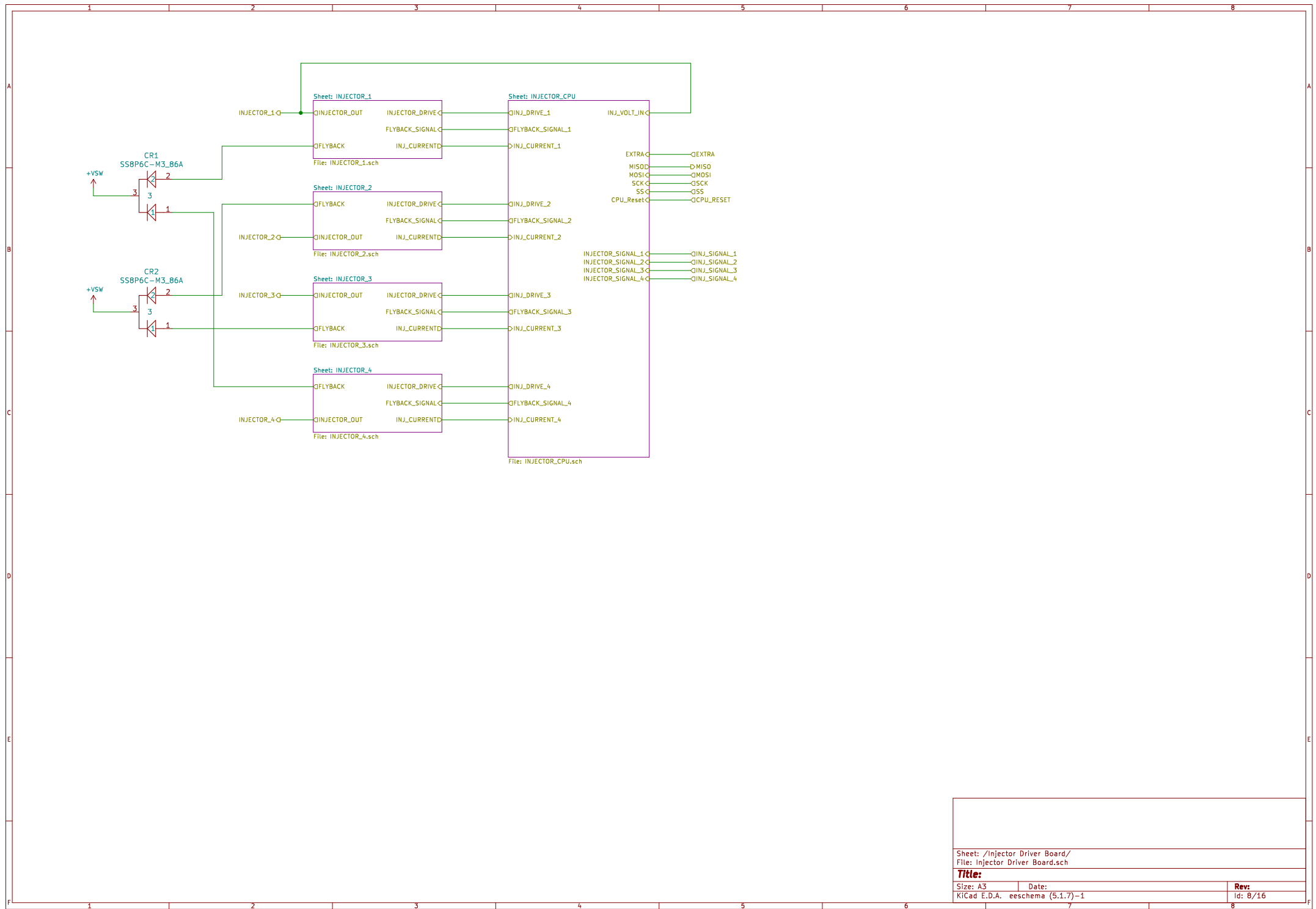
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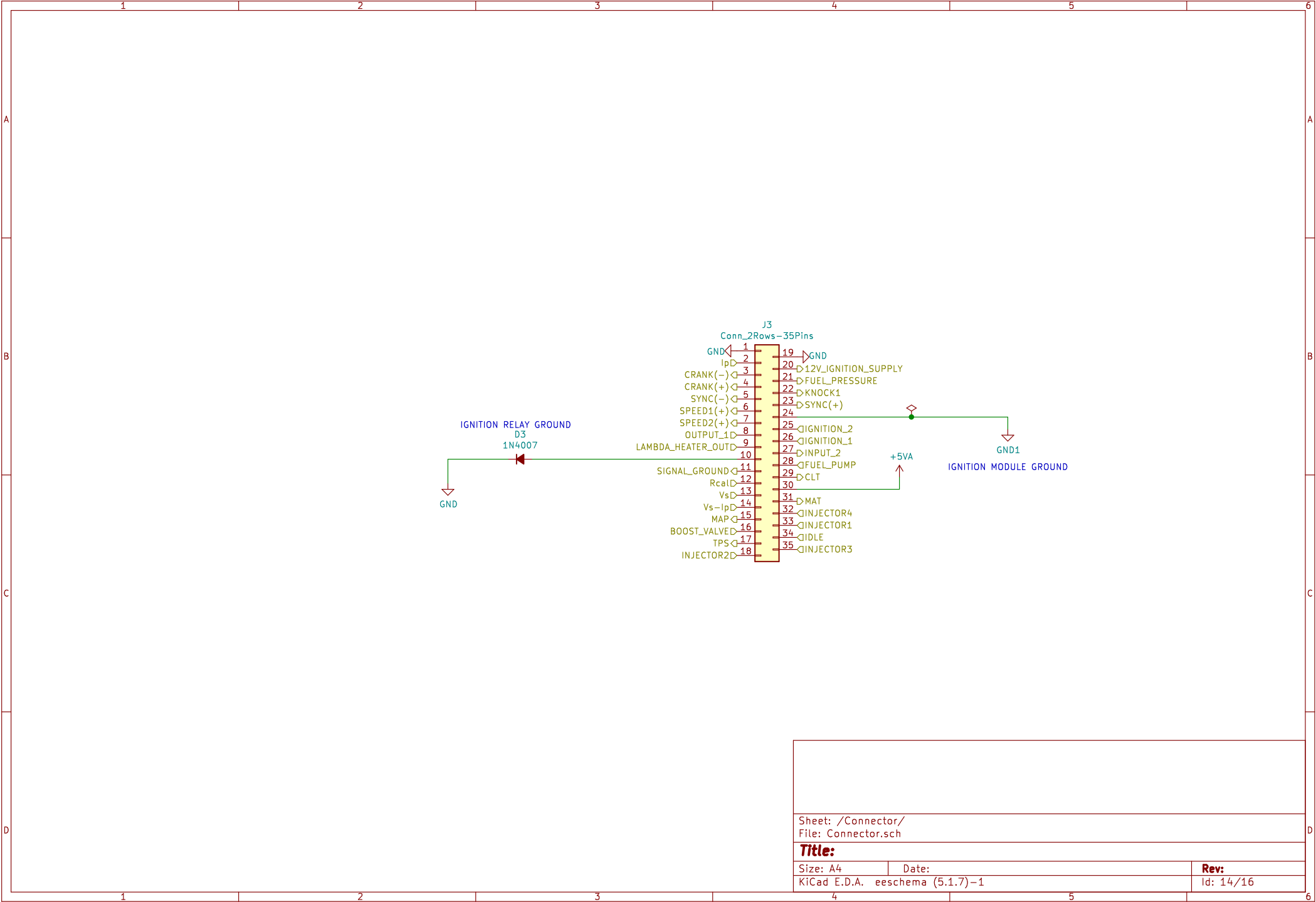
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KiCad E.D.A. eeschema (5.1.7)-1

Rev:

Id: 7/16



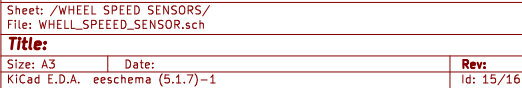


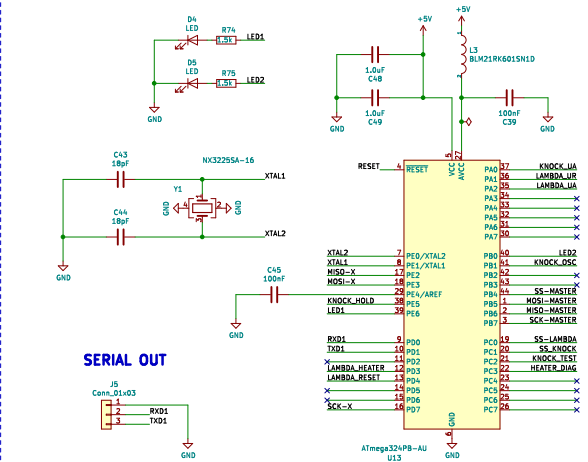
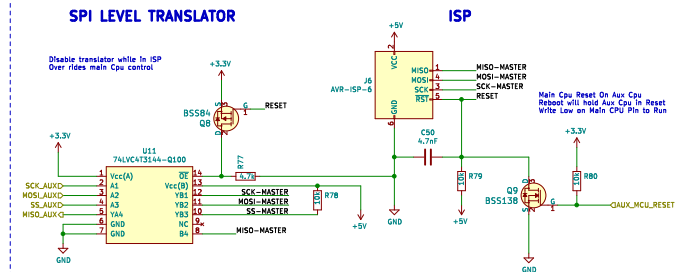
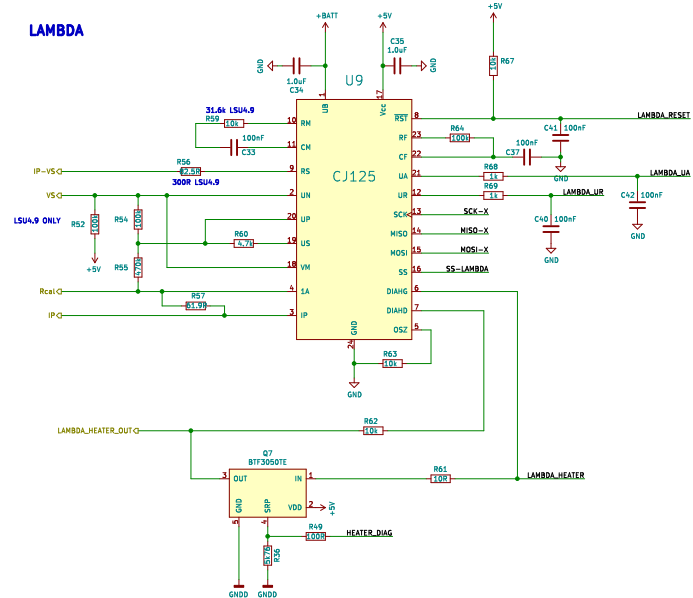
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Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. eeschema (5.1.7)-1		Id: 14/16

MAX9926 SETTINGS

1. Differential VR sensor: Connect one lead to the input resistor going to the (+) on the MAX chip and the other lead to the input resistor going to the (-).
2. Single ended VR sensor: Connect the single lead to the input resistor going to the (+) on the MAX chip and GND the input to the resistor going to the (-).
3. Hall sensor: Connect the output of the sensor to the input resistor going to the (+) on the MAX chip and do not connect anything to the input of the resistor going to the (-). If the hall sensor is of an "open collector" type, add a pull-up resistor from 5V to the output of the sensor.

1. Differential VR sensor: Connect one lead to the input resistor going to the (+) on the MAX chip and the other lead to the input resistor going to the (-).
2. Single-ended VR sensor: Connect the single lead to the input resistor going to the (+) on the MAX chip and GND the input to the (-).
3. Hall sensor: Connect the output of the sensor to the input resistor going to the (+) on the MAX chip and do not connect anything to the input of the resistor going to the (-). If the Hall sensor is of an "open collector" type, add a pull-up resistor from 5V to the output of the sensor.





SET FUSE BIT 6 FOR SYSTEM CLOCK ON CLK0

