
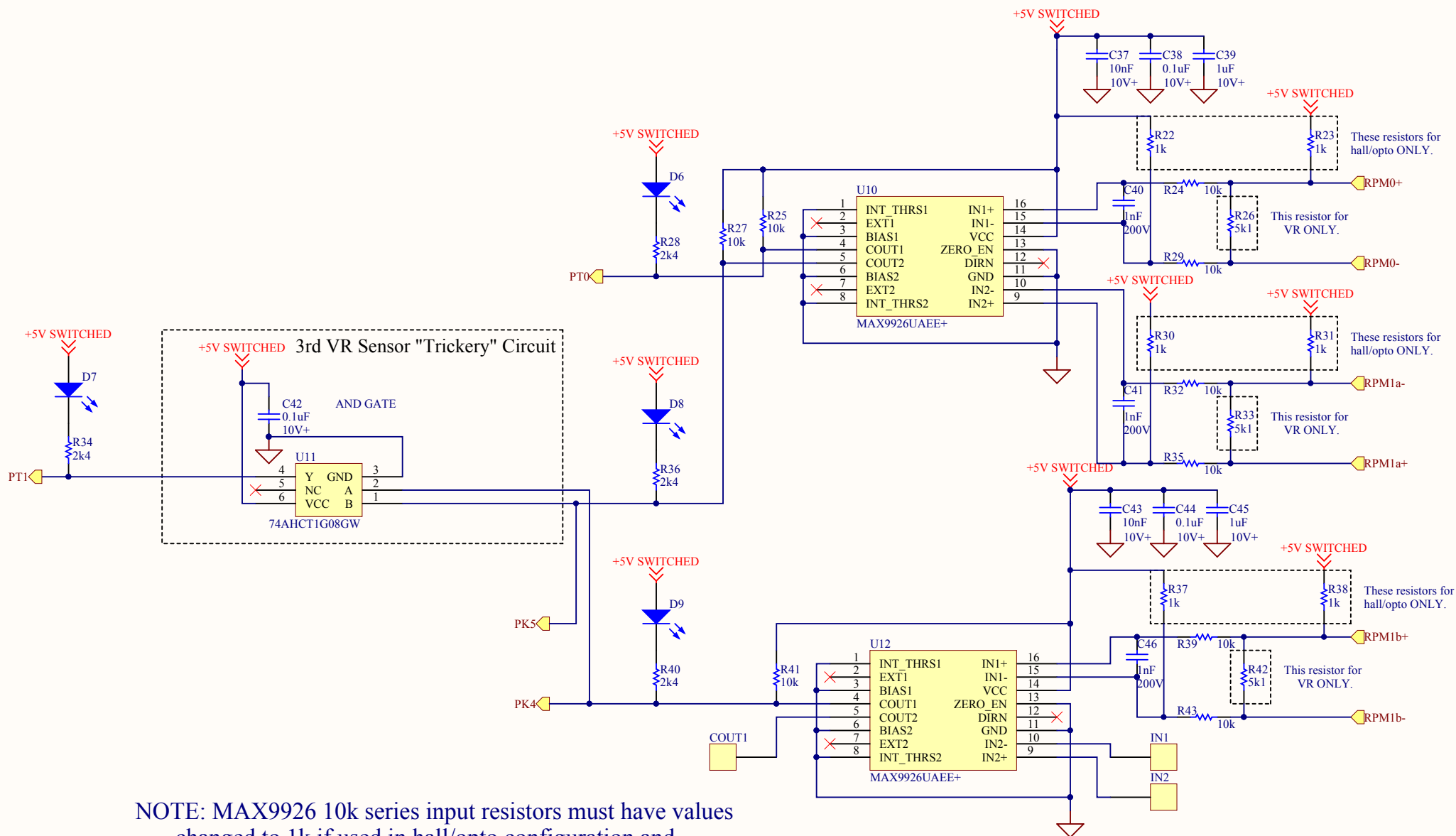
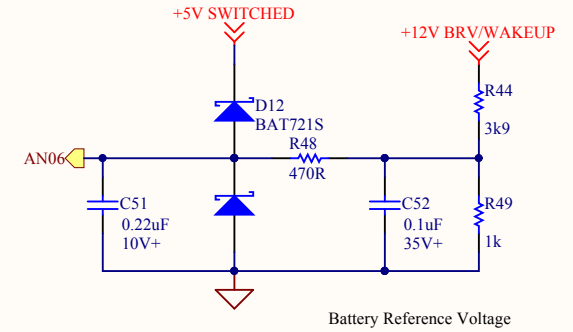
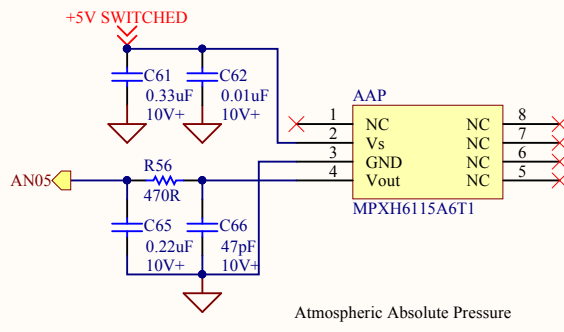
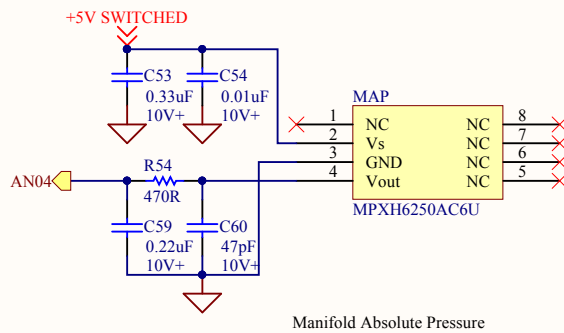
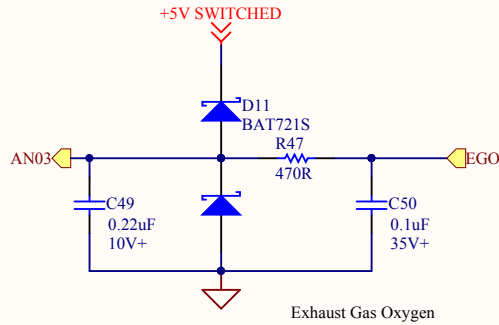
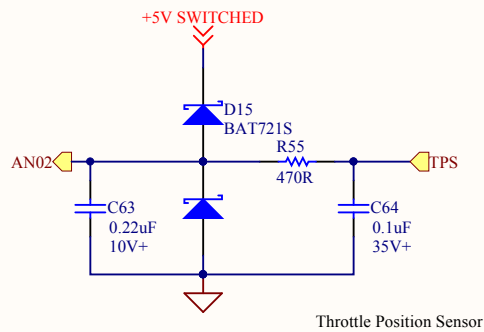
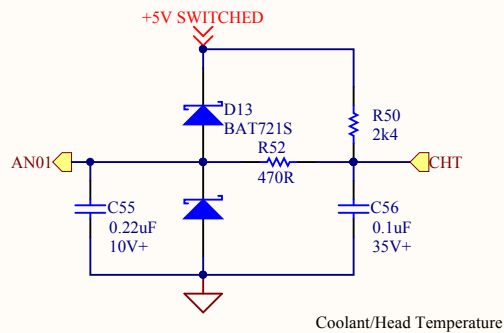


Title Ravage - RS232 Comms			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.1-alpha		
Date: 2/09/2013	Time: 8:01:19 AM	Sheet 4 of 16		

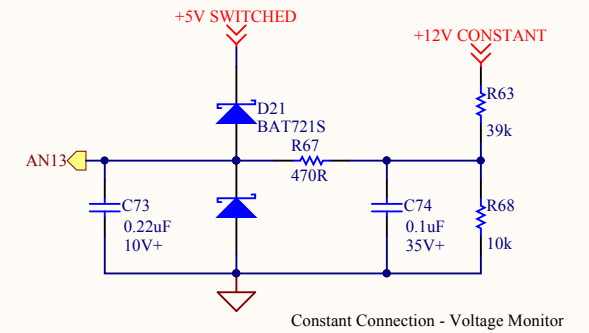
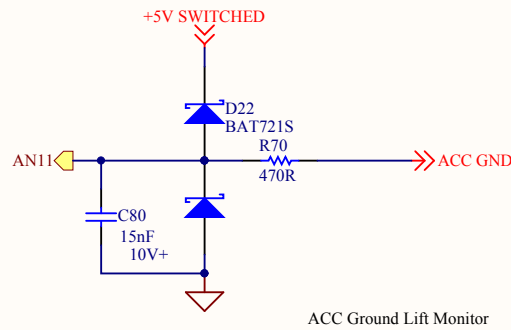
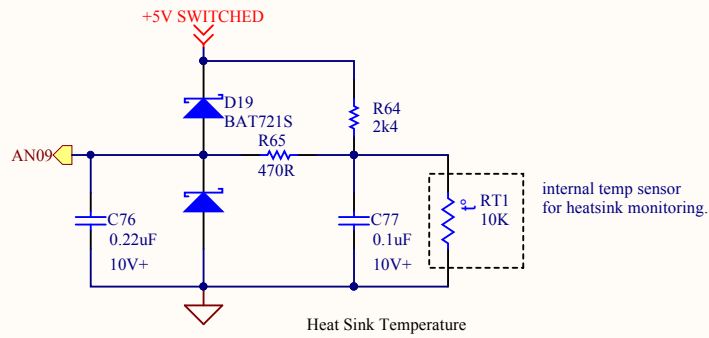
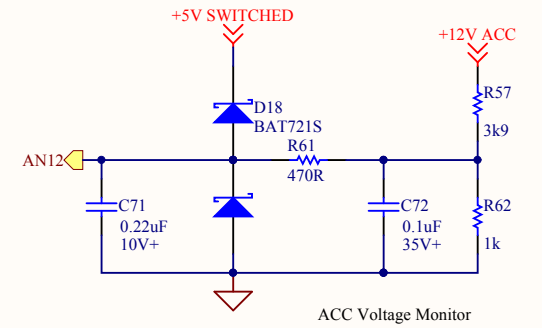
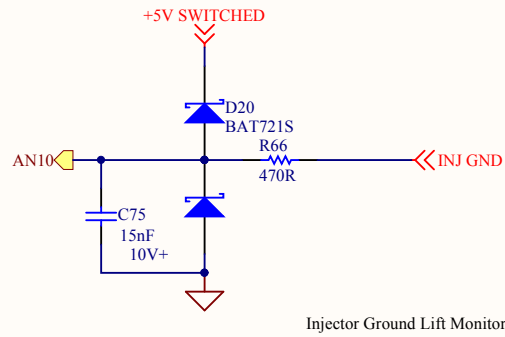
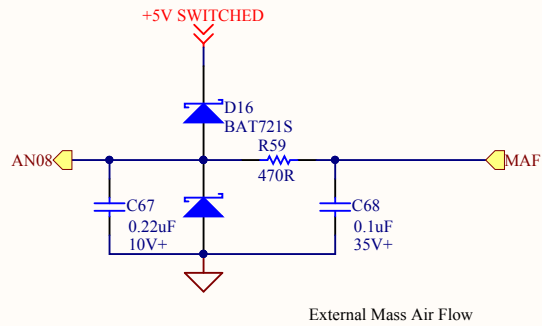


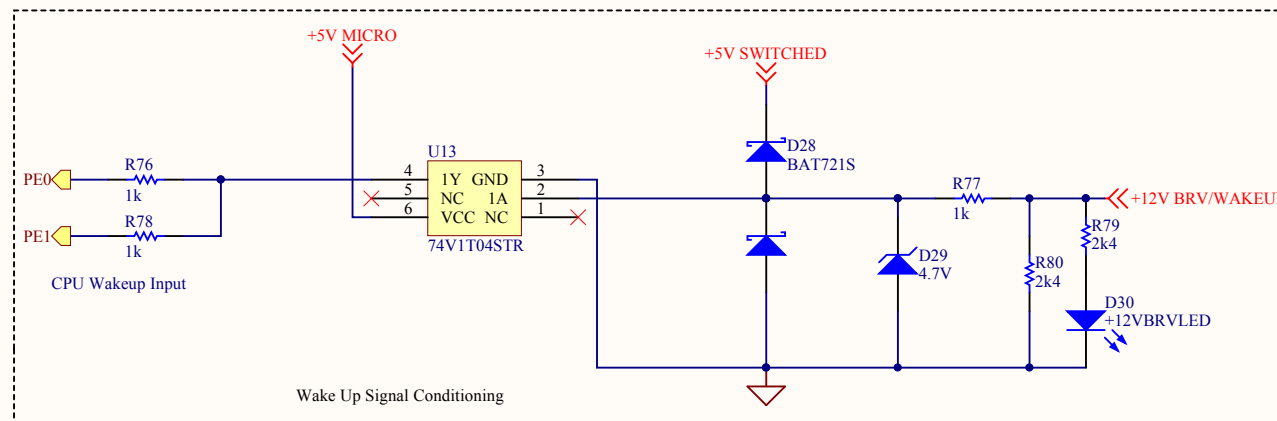
NOTE: MAX9926 10k series input resistors must have values changed to 1k if used in hall/opto configuration and the RPM0- inputs must also be externally grounded.

Title Ravage - VR Interfaces			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.1-alpha		
Date: 2/09/2013	Time: 8:01:19 AM	Sheet 5 of 16		



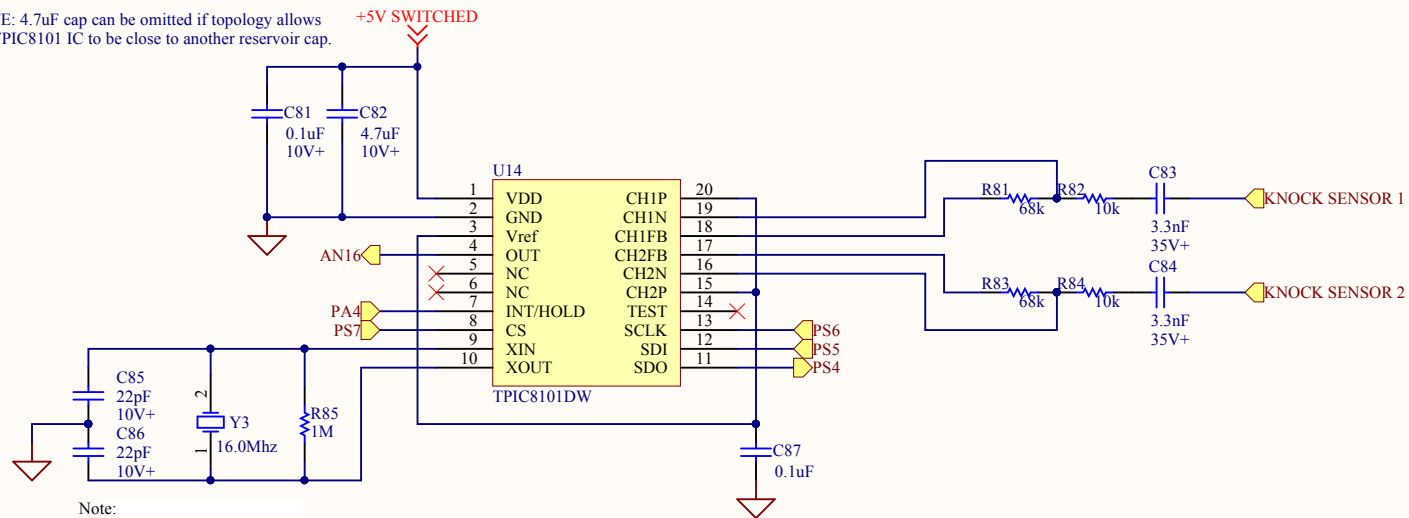
SENSOR GND





Title Nissan RB25DET ECU - Digital Inputs			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.1-alpha		
Date: 2/09/2013	Time: 8:01:19 AM	Sheet 8 of 16		

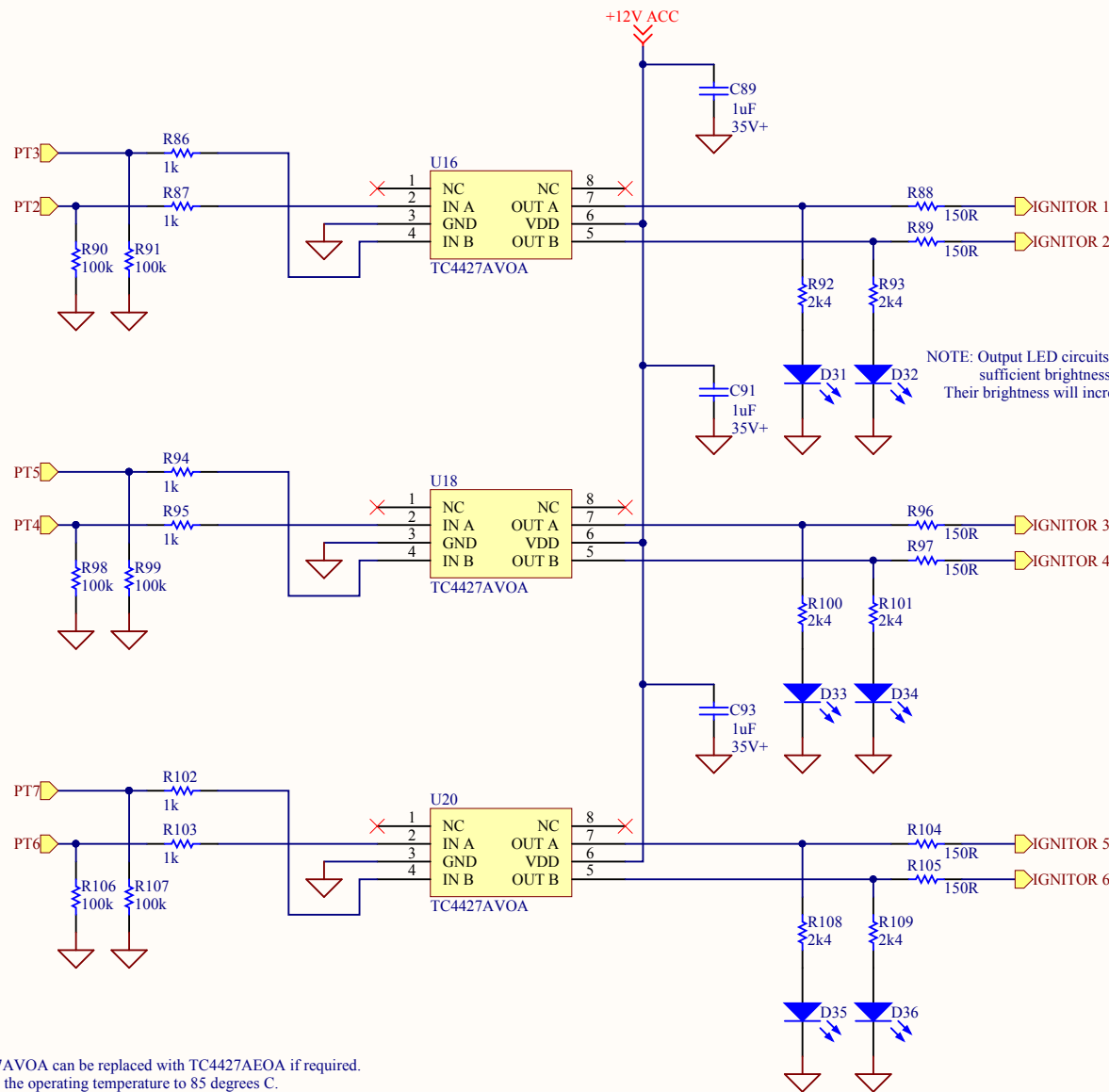
NOTE: 4.7uF cap can be omitted if topology allows the TPIC8101 IC to be close to another reservoir cap.



Note:
C should be X7R

Title Nissan RB25DET ECU - Knock Sensing			Drawn By: Dan Visser
Size: A4	Number: A	Revision: 0.1-alpha	
Date: 2/09/2013	Time: 8:01:19 AM	Sheet 9 of 16	





NOTE: TC4427AVOA can be replaced with TC4427AE0A if required.
This will derate the operating temperature to 85 degrees C.

Title **Nissan RB25DET ECU - Ignitor Outputs**

Drawn By:
Dan Visser

Size: A4

Number: A

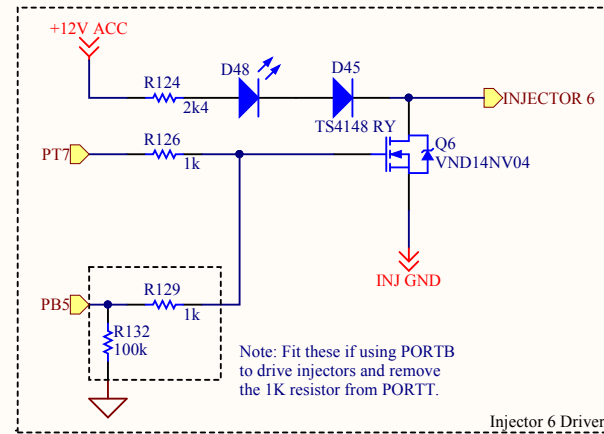
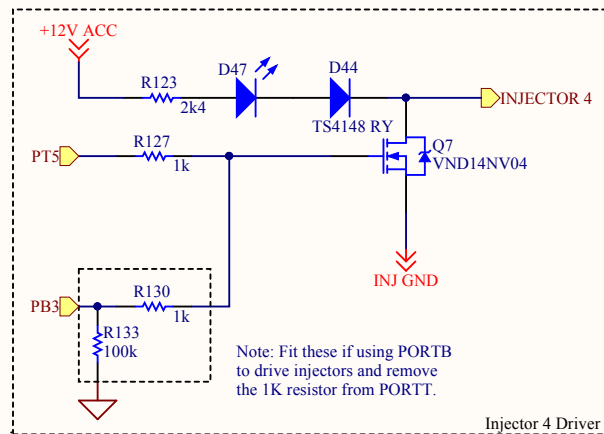
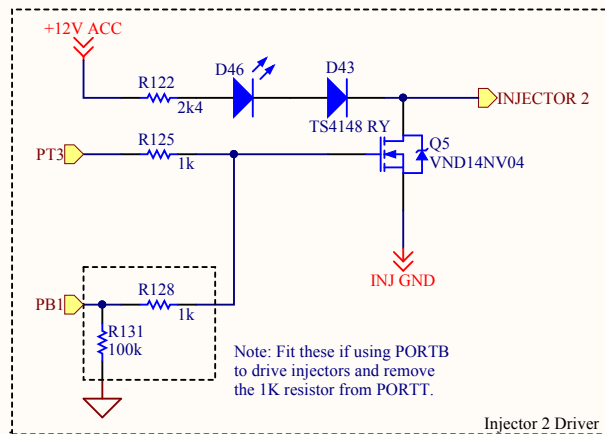
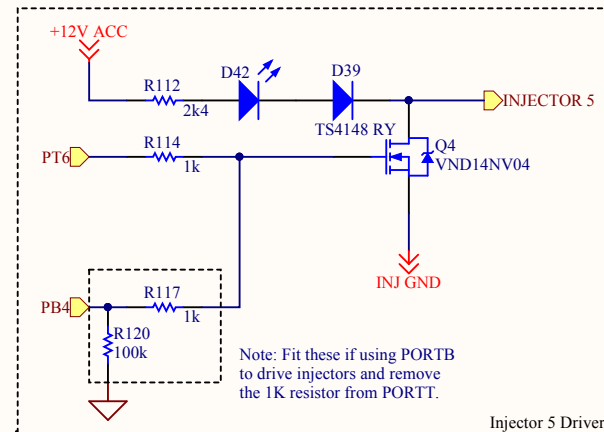
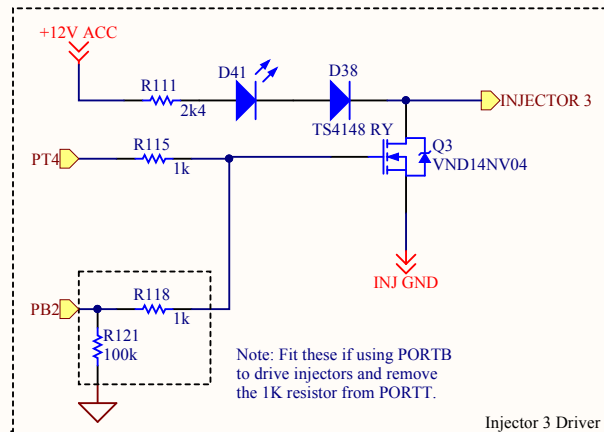
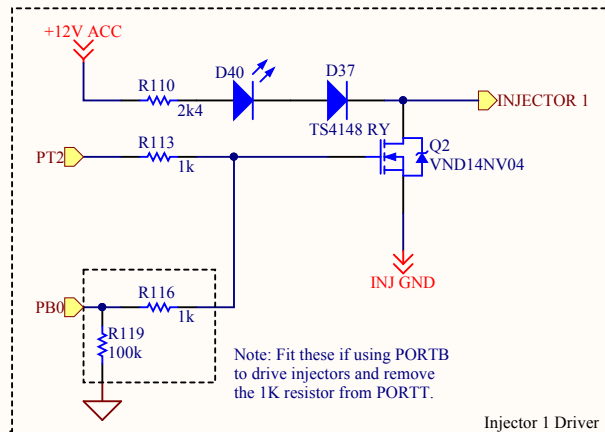
Revision: 0.1-alpha

Date: 2/09/2013

Time: 8:01:19 AM

Sheet 10 of 16

Altium



Title **Nissan RB25DET ECU - Injectors**

Size: A4

Number: A

Revision: 0.1-alpha

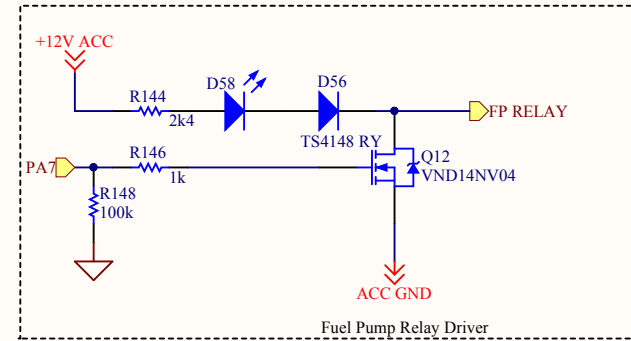
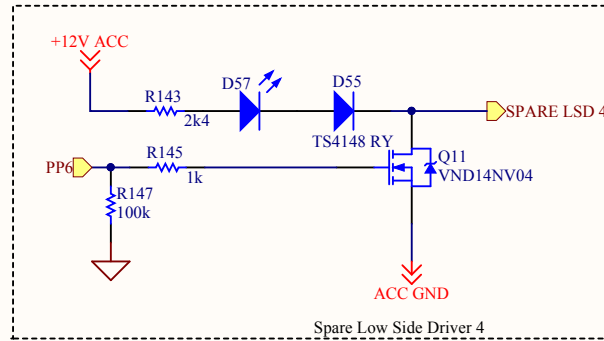
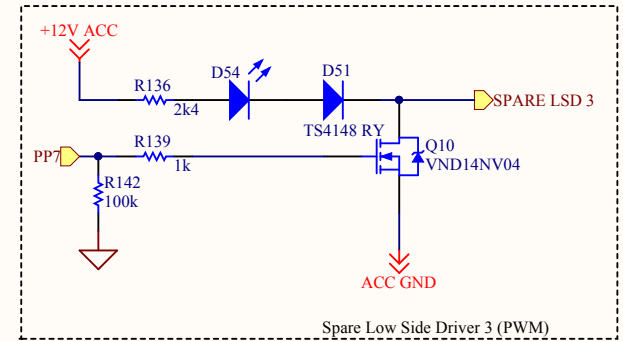
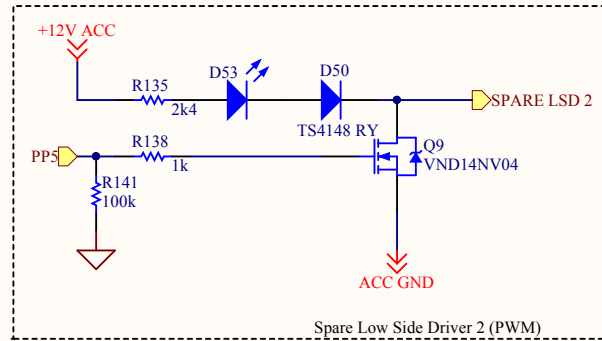
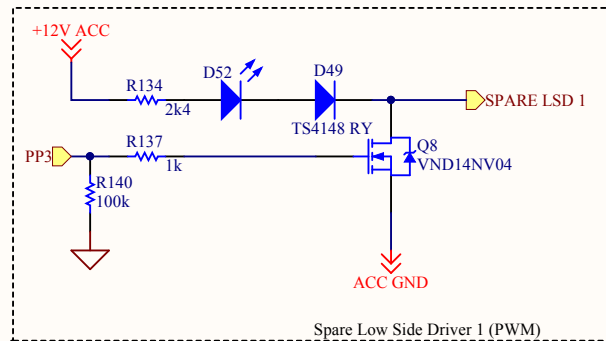
Date: 2/09/2013

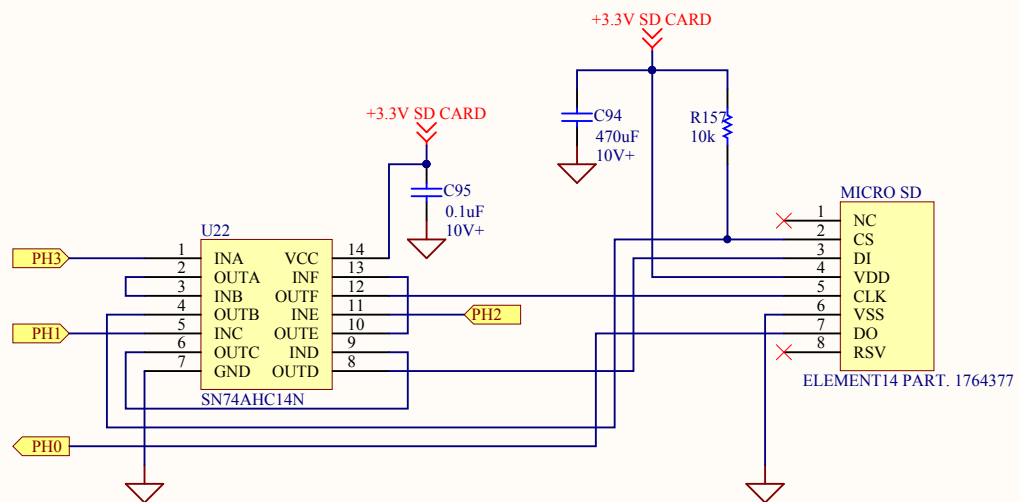
Time: 8:01:19 AM


Sheet 11 of 16

Drawn By:
Dan Visser

Altium





Title Ravage - SD Card Interface			Drawn By: <i>Dan Visser</i>	
Size: A4	Number: A	Revision: 0.1-alpha		
Date: 2/09/2013	Time: 8:01:19 AM	Sheet 14 of 16		

NOTE: L and M pins are rated at 12A max, with remaining pins rated at 6A max.

