

Title **RB25DET - Power Supplies**

Size: **A4**

Number: **A**

Revision: **0.1**

Date: **21-Oct-13**

Time: **1:10:15 PM**

Sheet **2** of **14**

Drawn By:  
*Dan Visser*

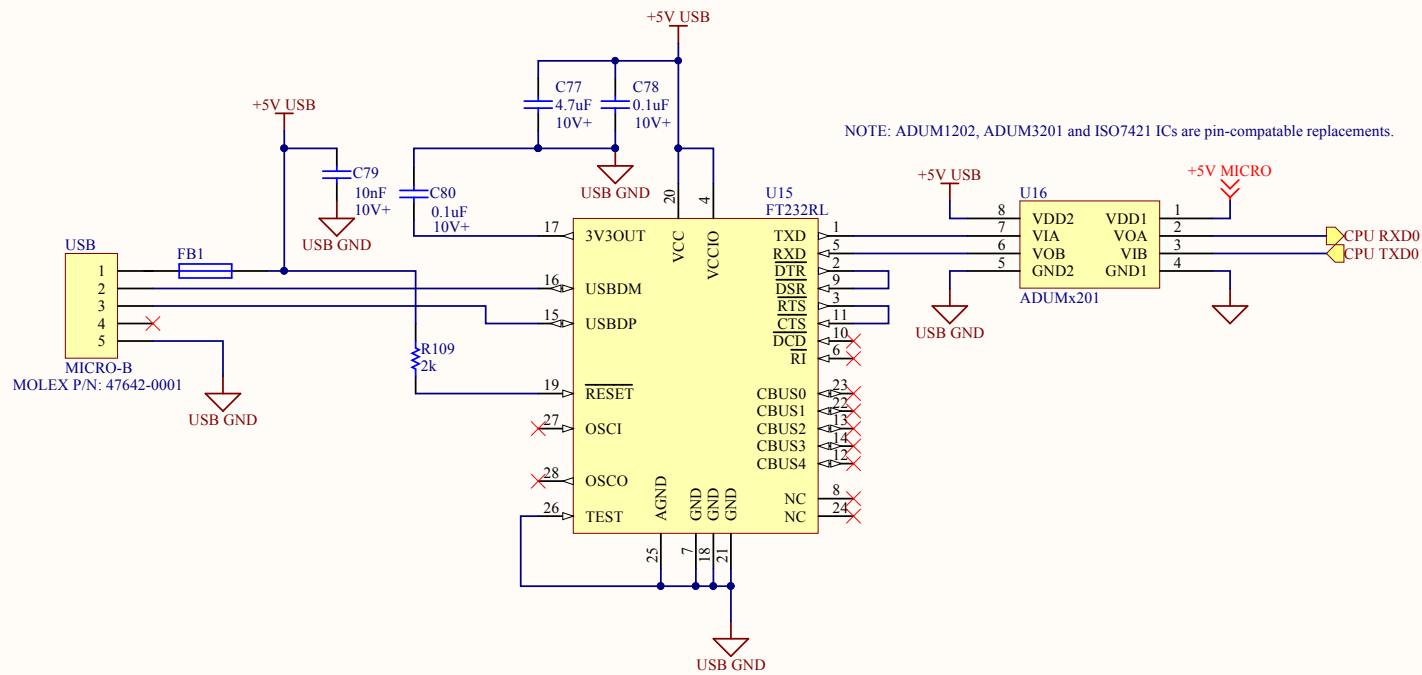


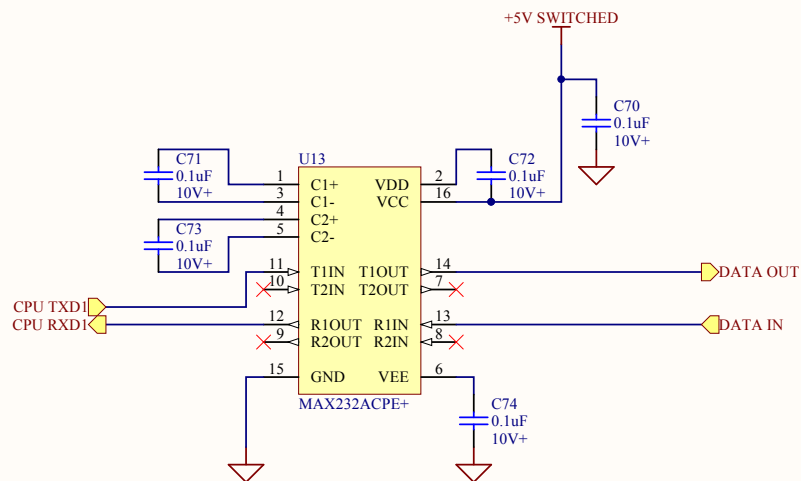
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Title **RB25DET - USB Comms**Size: **A4**Number: **A**Revision: **0.1**Date: **21-Oct-13**Time: **1:10:15 PM**Sheet **3** of **14**Drawn By:  
*Dan Visser*



Title <b>RB25DET - RS232 Comms</b>			Drawn By: Dan Visser	
Size: <b>A4</b>	Number: <b>A</b>	Revision: <b>0.1</b>		
Date: <b>21-Oct-13</b>	Time: <b>1:10:15 PM</b>	Sheet <b>4</b> of <b>14</b>		

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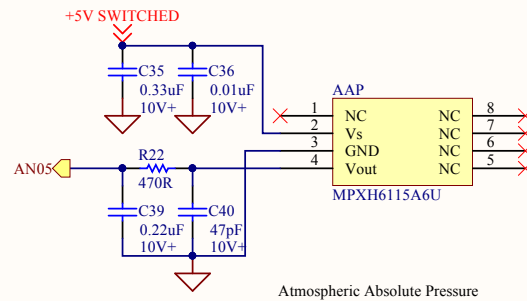
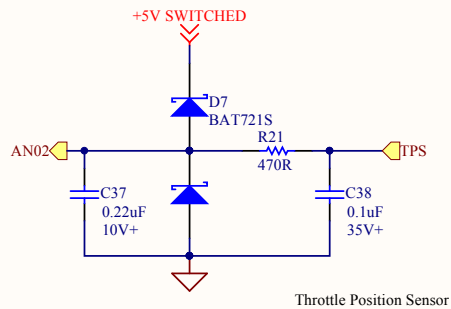
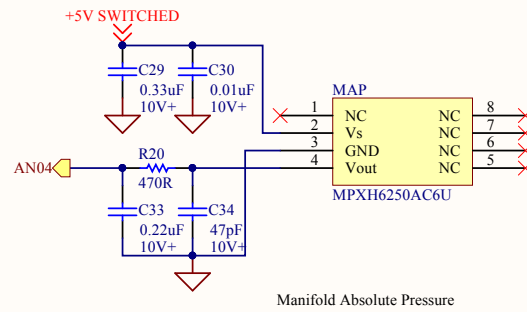
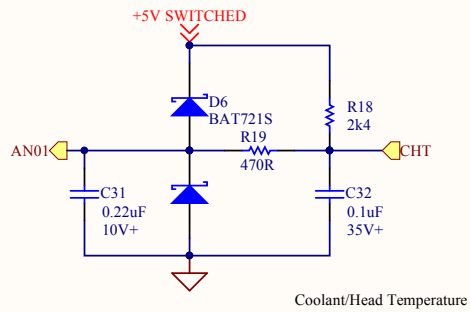
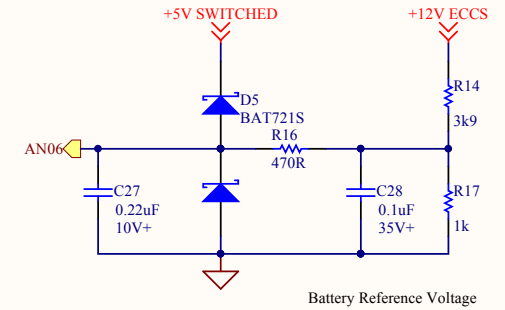
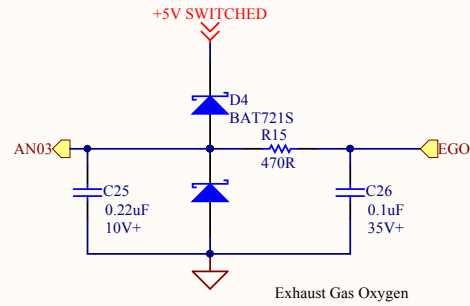
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Title **RB25DET - Core Analogue Inputs**

Size: **A4**

Number: **A**

Revision: **0.1**

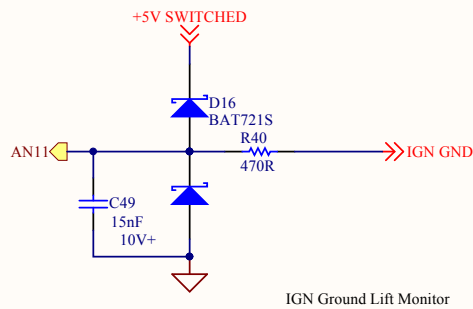
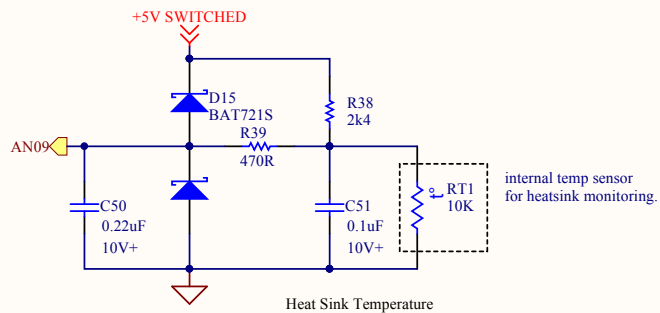
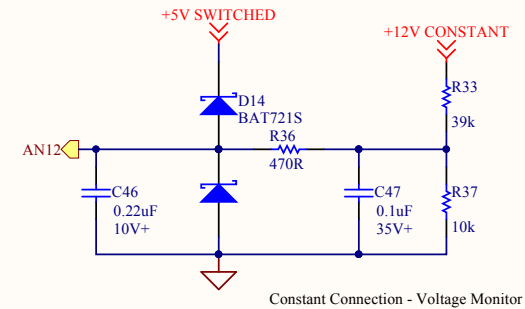
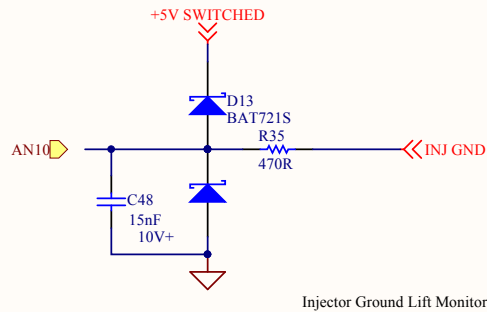
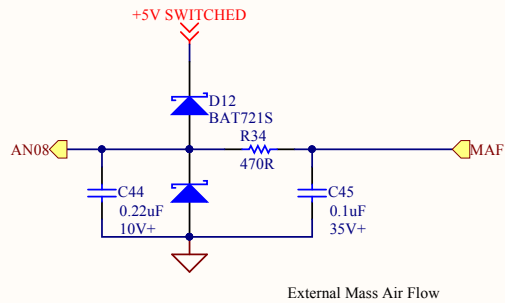
Date: **21-Oct-13**

Time: **1:10:15 PM**

Sheet **5** of **14**

Drawn By:  
*Dan Visser*

**Altium**



Title **RB25DET - Extra Analogue Inputs**

Size: **A4**

Number: **A**

Revision: **0.1**

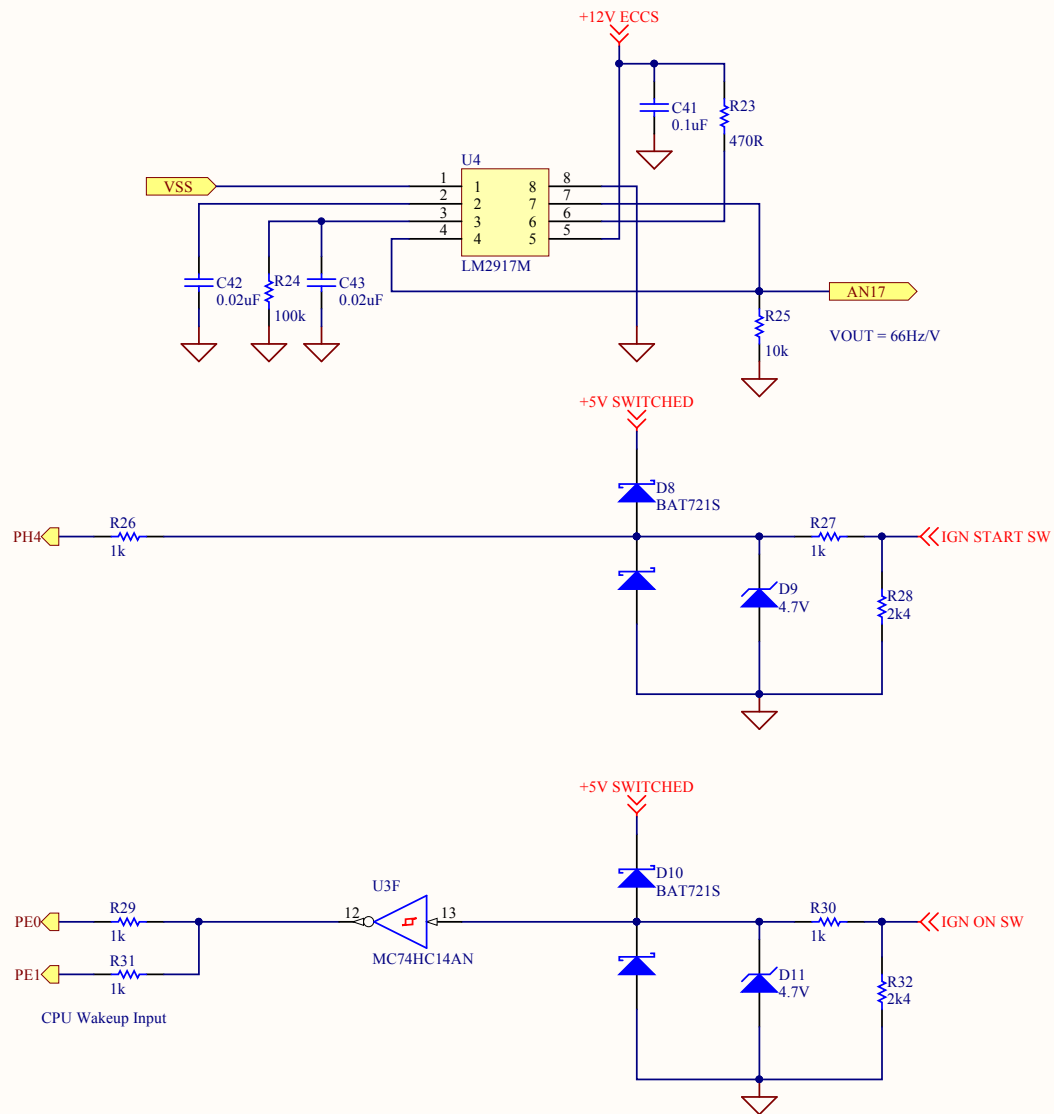
Date: **21-Oct-13**

Time: **1:10:15 PM**

Sheet **6** of **14**

Drawn By:  
*Dan Visser*





Title **RB25DET - Digital Inputs**

Size: A4

Number: A

Revision: 0.1

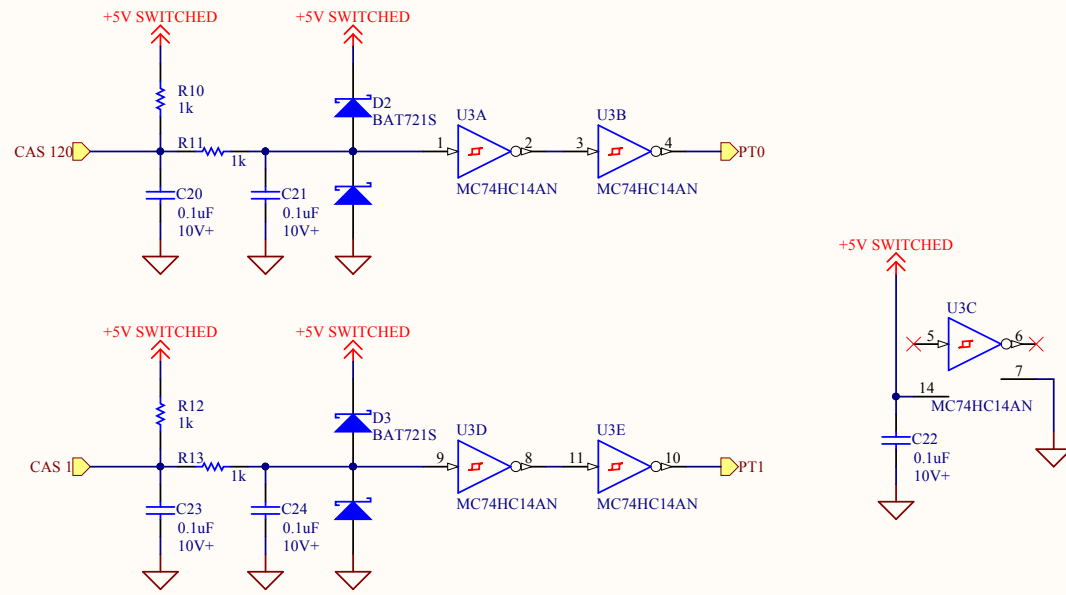
Date: 21-Oct-13

Time: 1:10:15 PM

Sheet 7 of 14

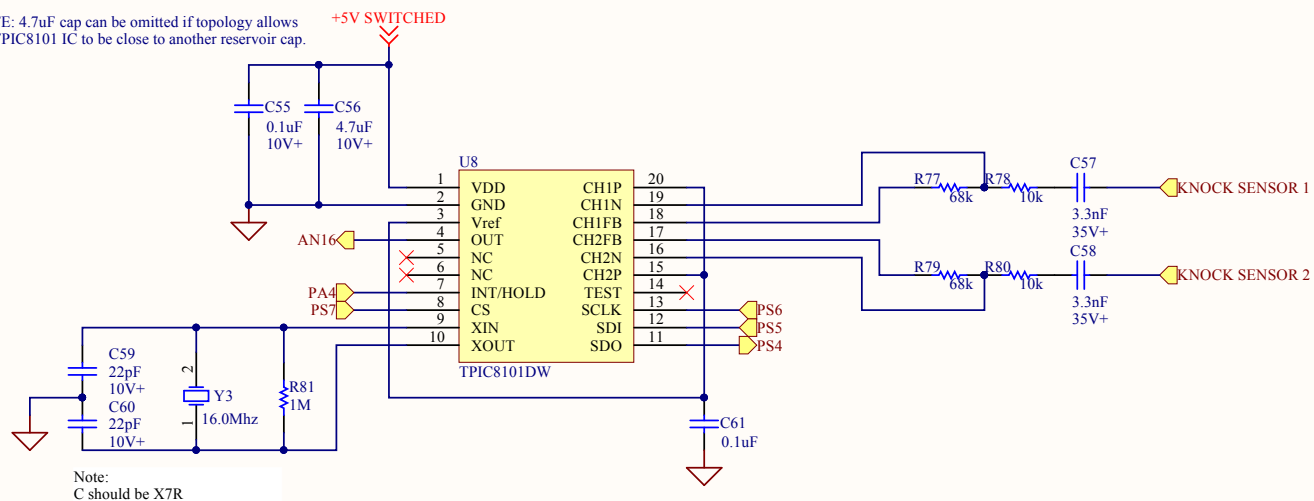
Drawn By:  
Dan Visser







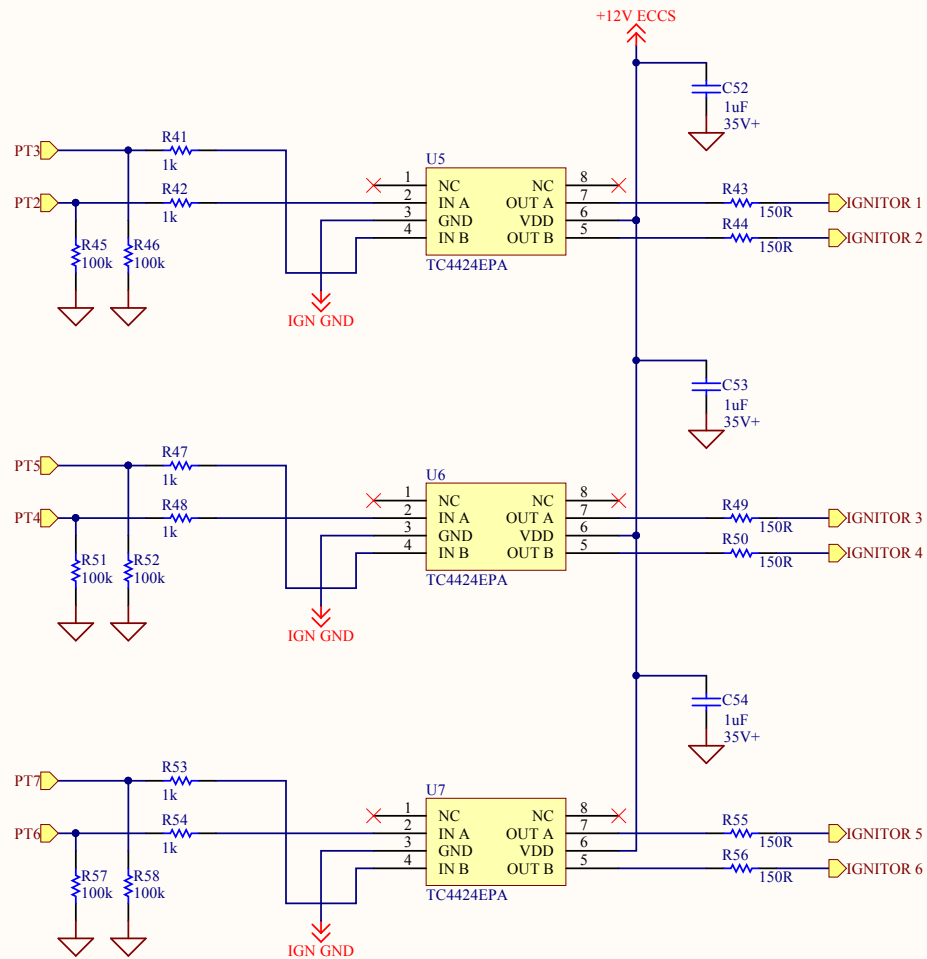
NOTE: 4.7uF cap can be omitted if topology allows the TPIC8101 IC to be close to another reservoir cap.



Title <b>RB25DET - Knock Sensing</b>		
Size: <b>A4</b>	Number: <b>A</b>	Revision: <b>0.1</b>
Date: <b>21-Oct-13</b>	Time: <b>1:10:16 PM</b>	Sheet <b>9</b> of <b>14</b>

Drawn By:  
Dan Visser





Title **RB25DET - Ignitor Outputs**

Size: A4

Number: A

Revision: 0.1

Date: 21-Oct-13

Time: 1:10:16 PM

Sheet 10 of 14

Drawn By:  
Dan Visser

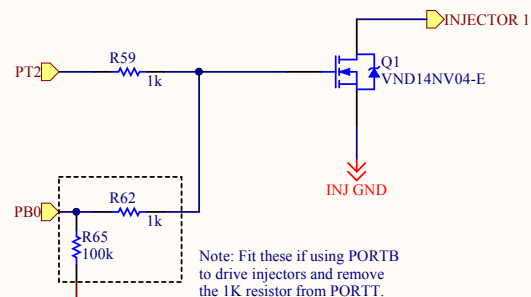


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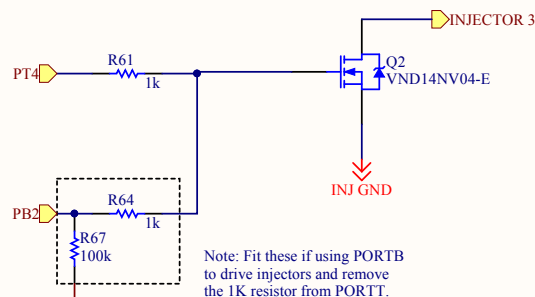
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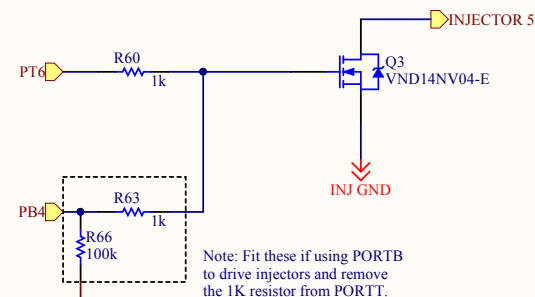
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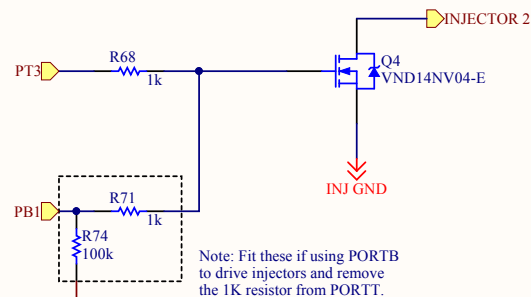
Injector 1 Driver



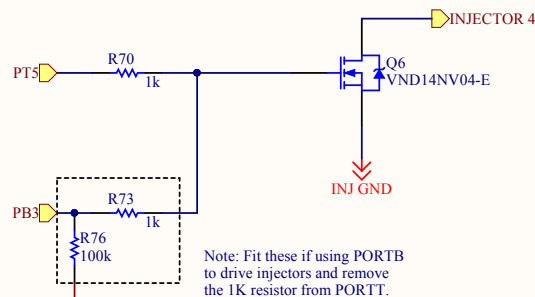
Injector 3 Driver



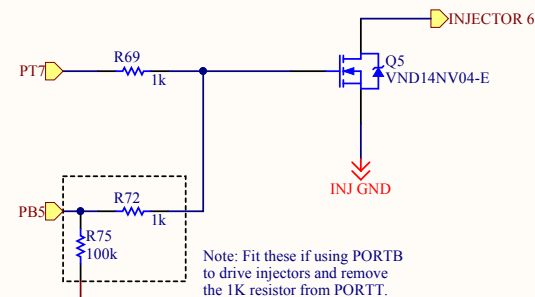
Injector 5 Driver



Injector 2 Driver



Injector 4 Driver



Injector 6 Driver

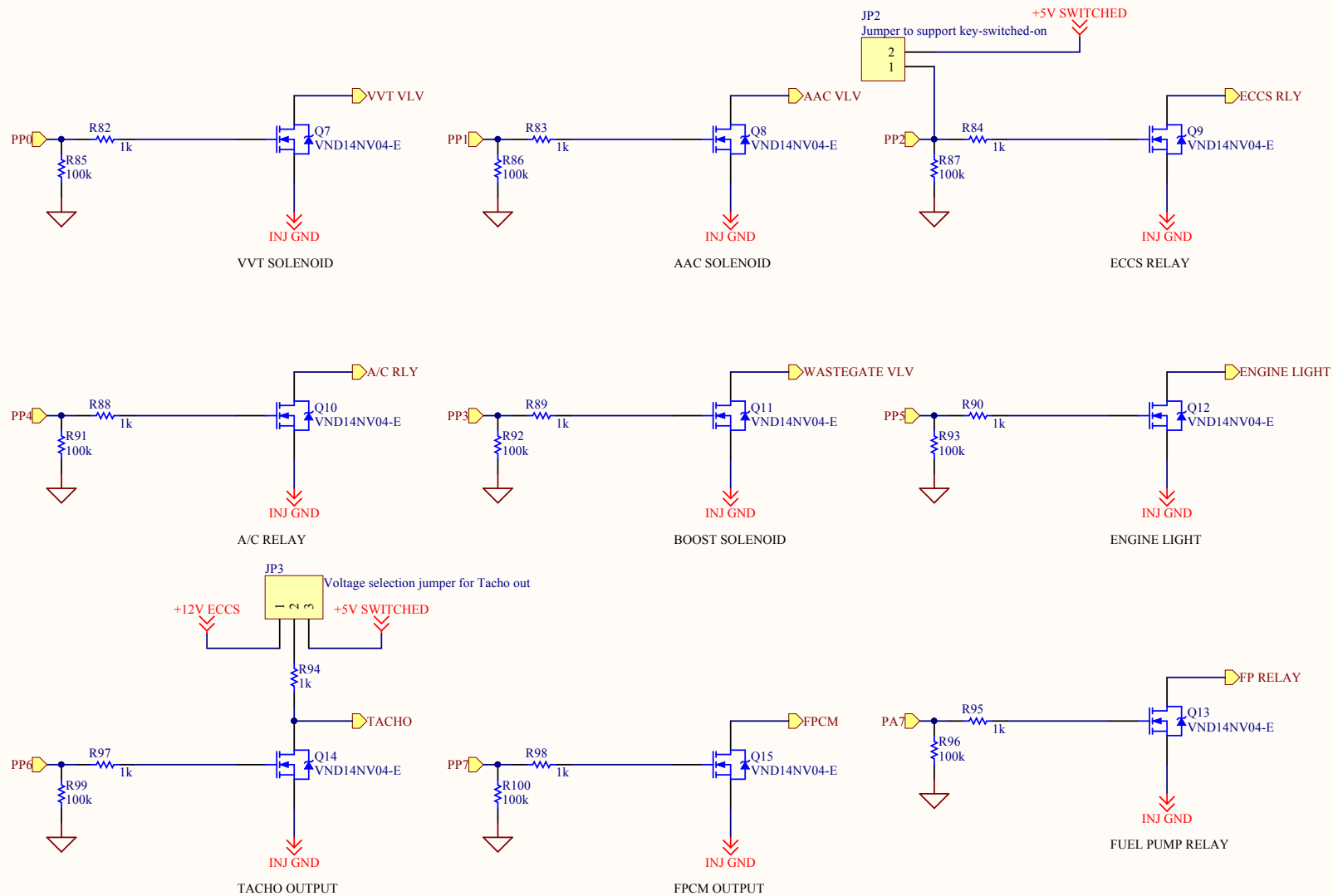
Title **RB25DET - Injectors**Size: **A4**Number: **A**Revision: **0.1**Date: **21-Oct-13**Time: **1:10:16 PM**Sheet **11** of **14**Drawn By:  
**Dan Visser****Altium**

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Title **RB25DET - Low Side Drivers**

Size: **A4**

Number: **A**

Revision: **0.1**

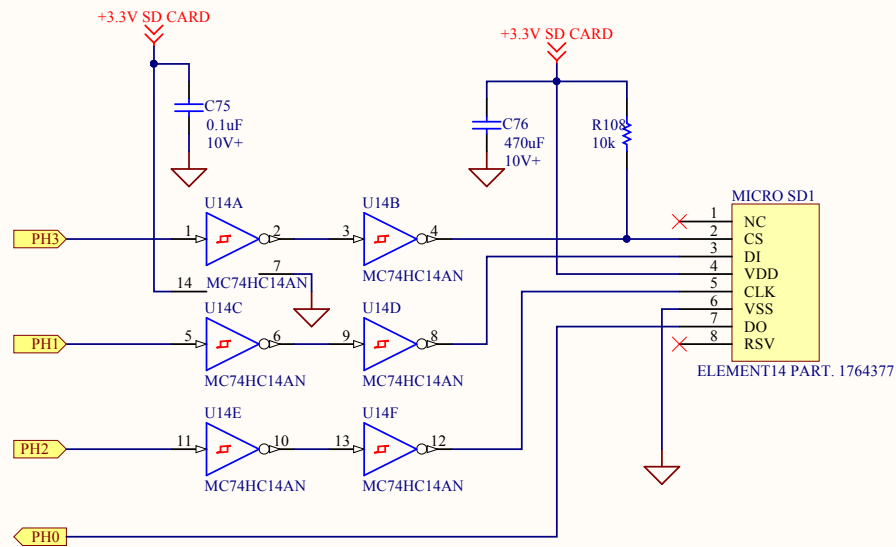
Date: **21-Oct-13**


Time: **1:10:16 PM**

Sheet **12** of **14**

Drawn By:  
**Dan Visser**

**Altium**



Title <b>RB25DET - SD Card Interface</b>			Drawn By: Dan Visser	
Size: <b>A4</b>	Number: <b>A</b>	Revision: <b>0.1</b>		
Date: <b>21-Oct-13</b>	Time: <b>1:10:16 PM</b>	Sheet <b>13</b> of <b>14</b>		

Cannot open file C:\Users\Dan\Desktop\r33 pinout ecu image.png

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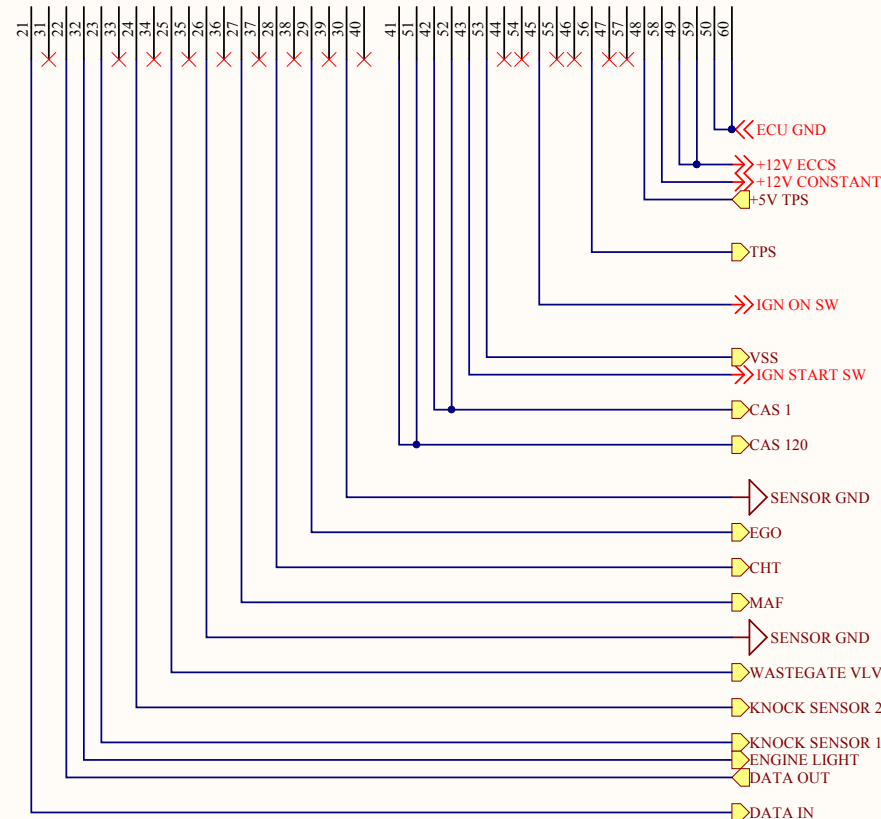
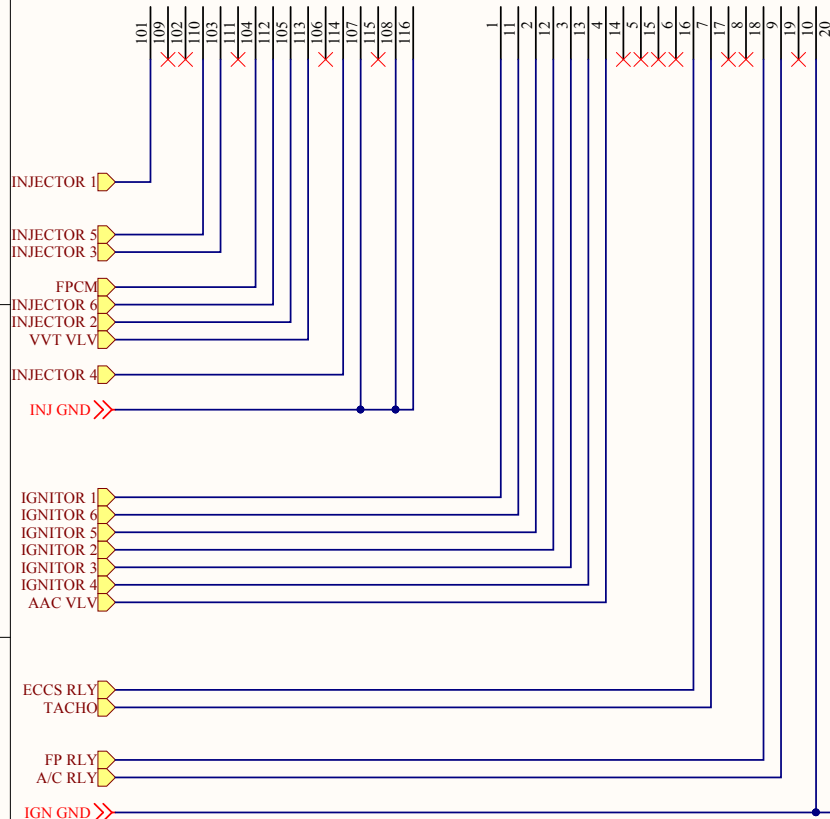
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76 PIN ECCS Header



Title <b>RB25DET - Connector</b>			Drawn By: Dan Visser	
Size: <b>A4</b>	Number: <b>A</b>	Revision: <b>0.1</b>		
Date: <b>21-Oct-13</b>	Time: <b>1:10:16 PM</b>	Sheet <b>14</b> of <b>14</b>		

