

Title **Ravage - Power Supplies**

Size: **A4**

Number: **A**

Revision: **0.1-alpha**

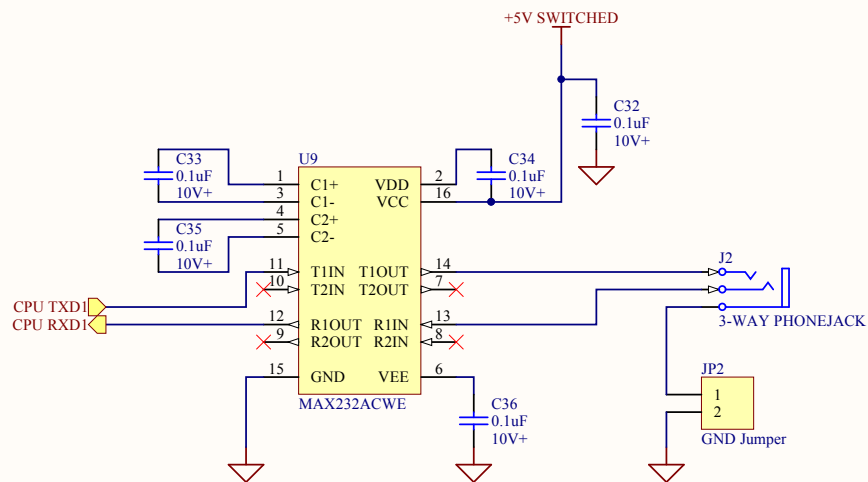
Date: **19-Jun-13**


Time: **3:50:02 PM**

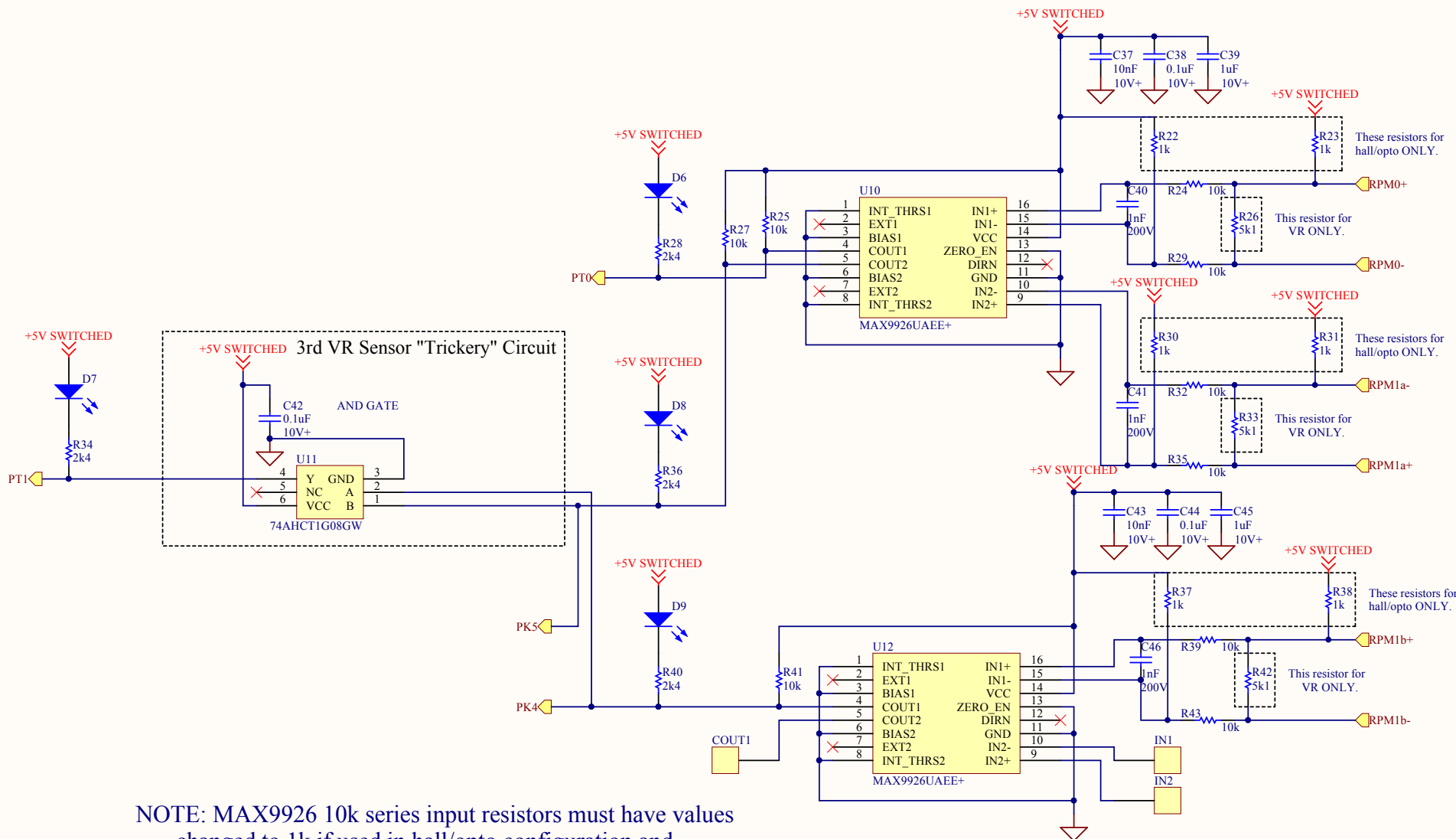
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Drawn By:
Dan Visser






Title Ravage - RS232 Comms			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.1-alpha		
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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.

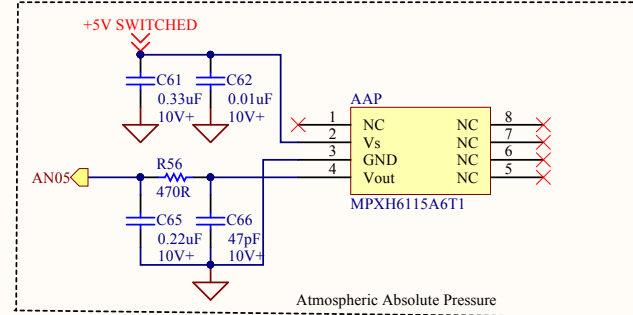
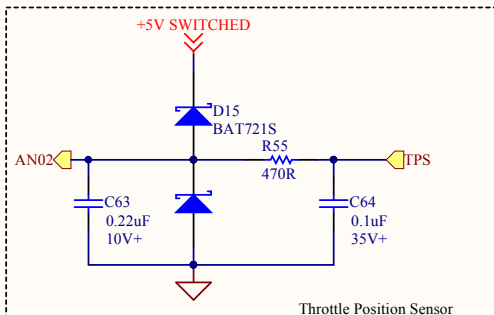
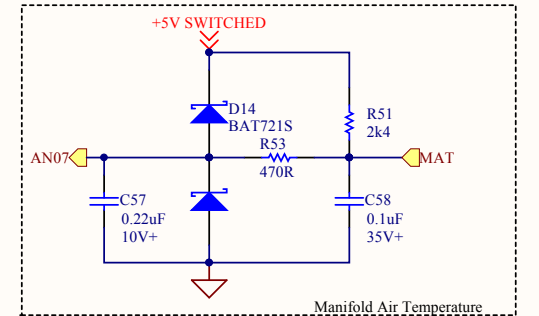
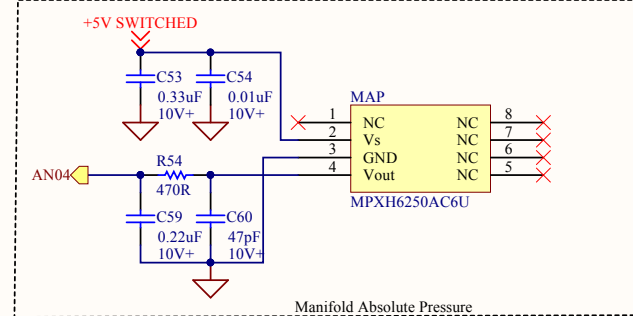
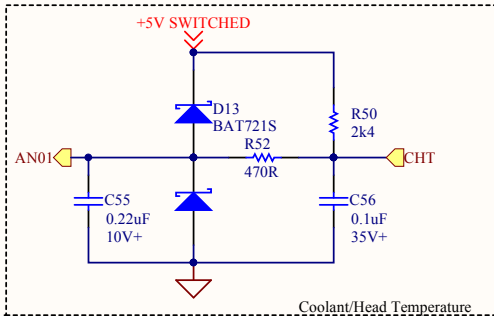
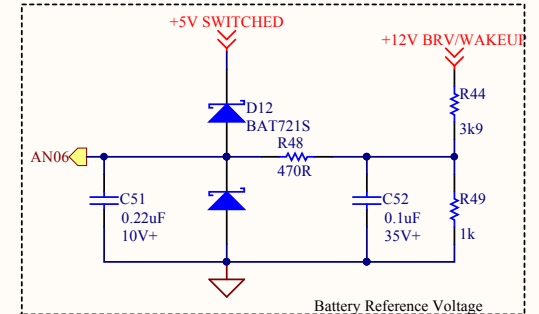
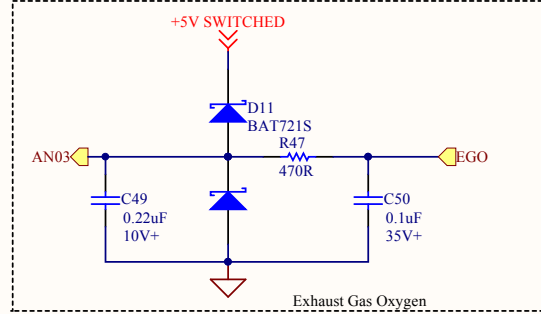
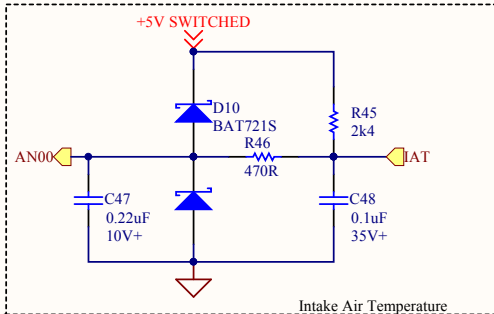
Title <i>Ravage - VR Interfaces</i>			Drawn By: <i>Dan Visser</i>	
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SENSOR GND

Title **Ravage - Core Analogue Inputs**

Size: **A4**

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Drawn By:
Dan Visser

Date: **19-Jun-13**

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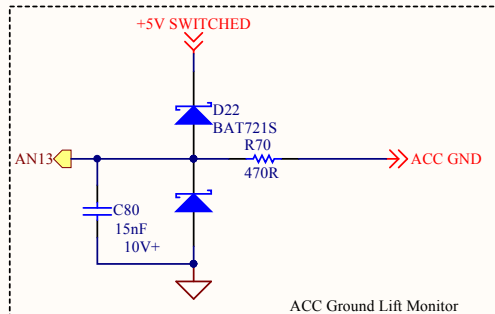
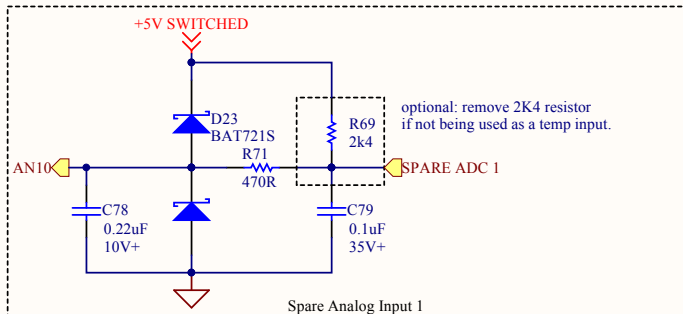
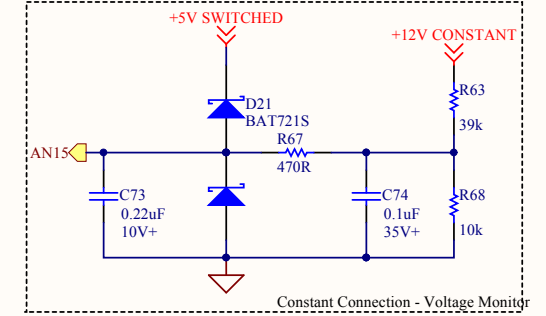
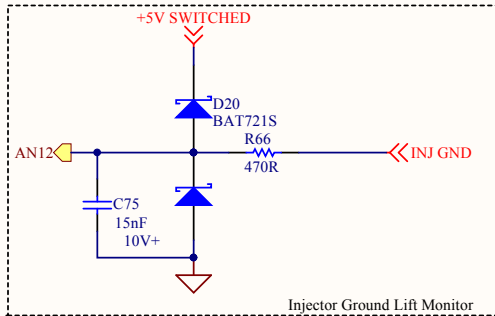
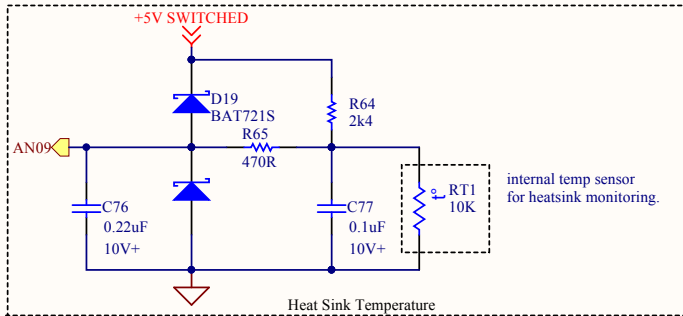
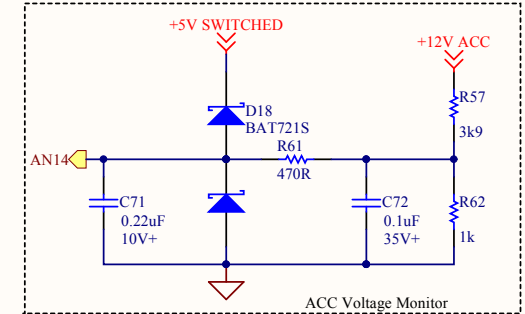
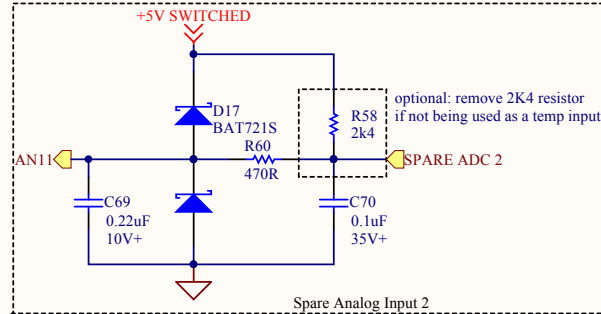
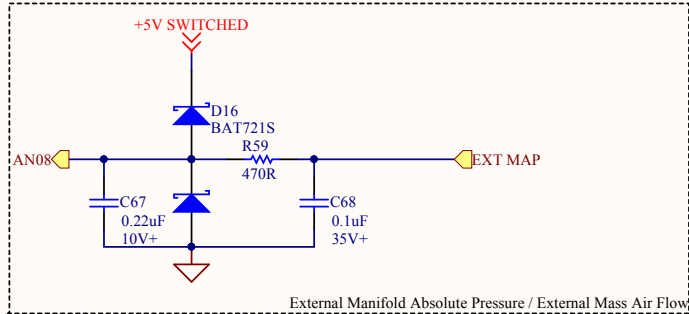
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Title **Ravage - Extra Analogue Inputs**Size: **A4**Number: **A**Revision: **0.1-alpha**Drawn By:
Dan VisserDate: **19-Jun-13**Time: **3:50:02 PM**Sheet **7** of **16****Altium**

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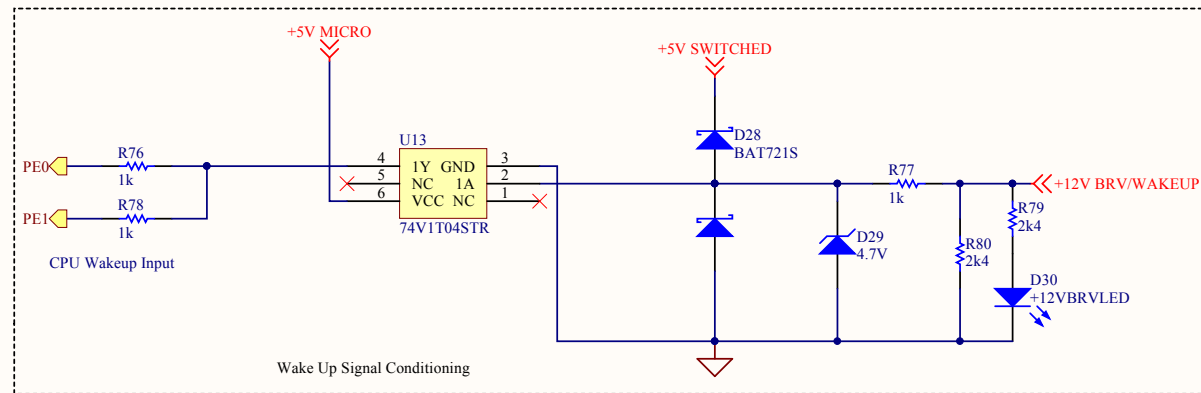
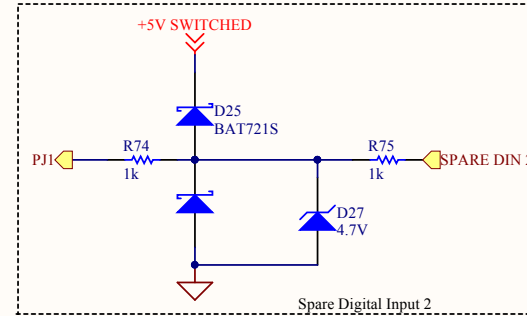
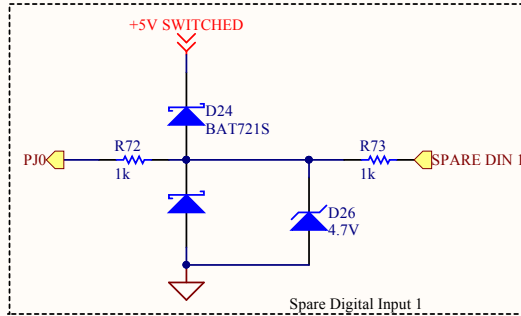
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All inputs 12V capable.

Title **Ravage - Digital Inputs**

Size: A4

Number: A

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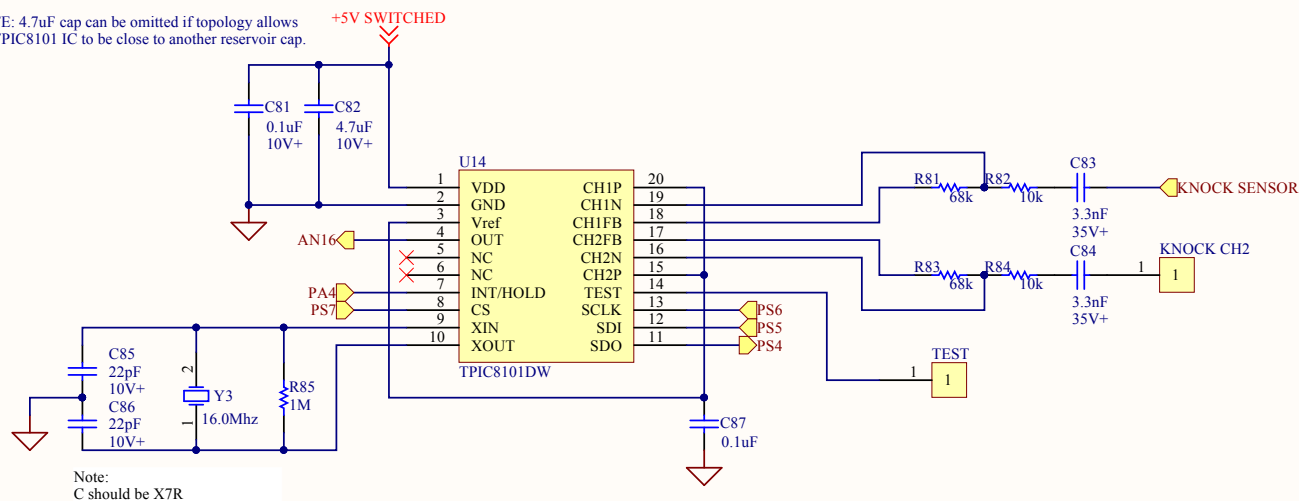
Date: 19-Jun-13

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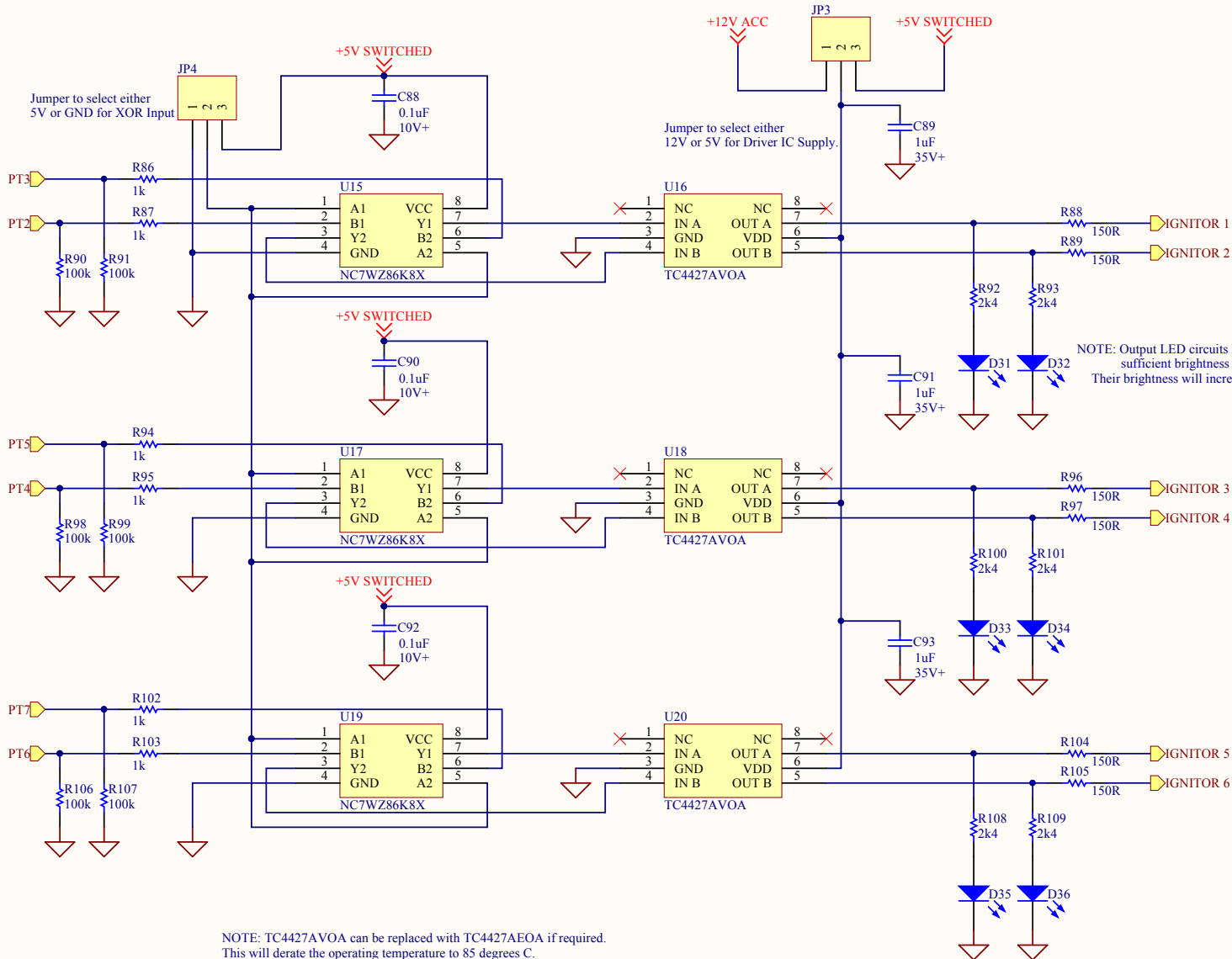
Drawn By:
Dan Visser


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 Ravage - Knock Sensing			Drawn By: Dan Visser	Altium
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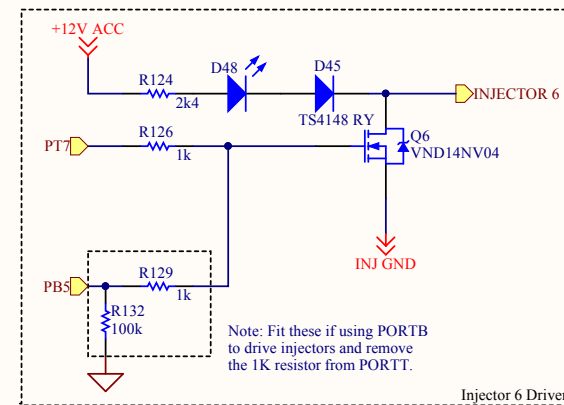
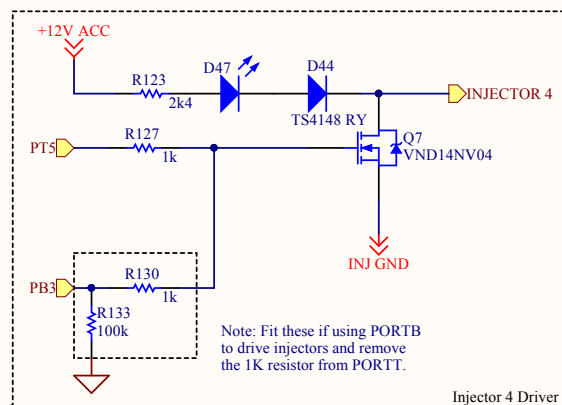
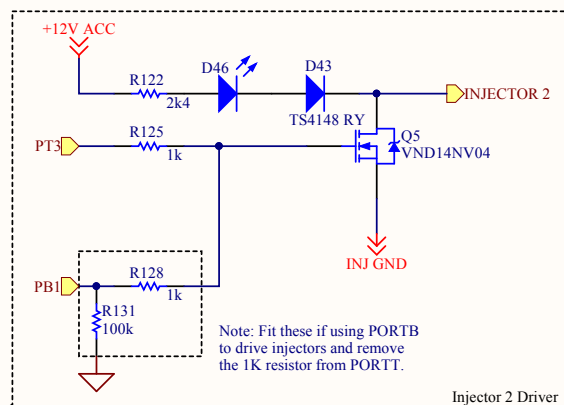
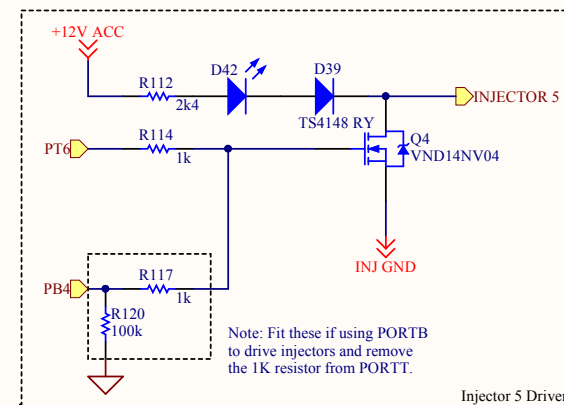
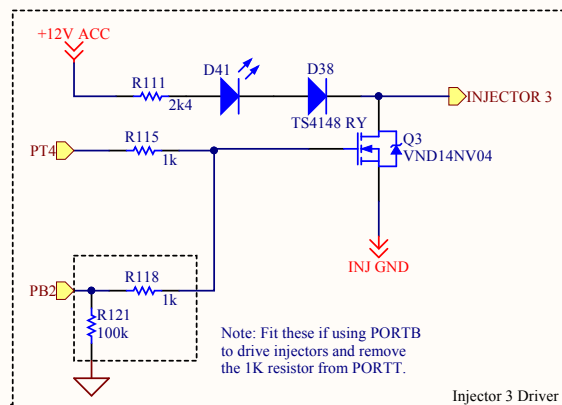
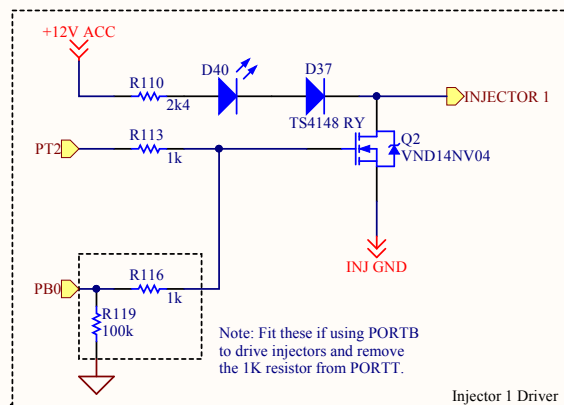
Title <i>Ravage - Ignitor Outputs</i>			Drawn By: <i>Dan Visser</i>	
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Title **Ravage - Injectors**

Size: A4

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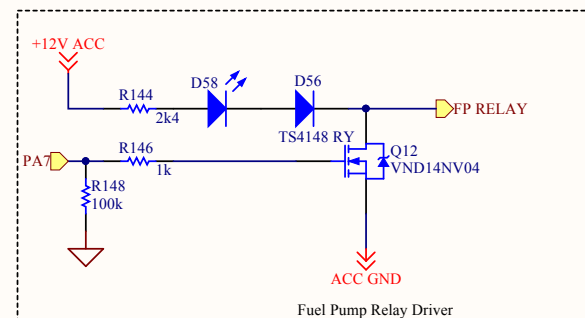
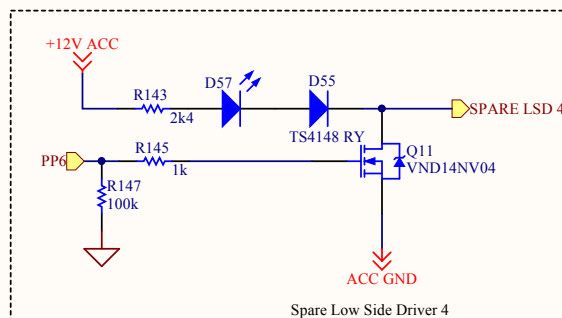
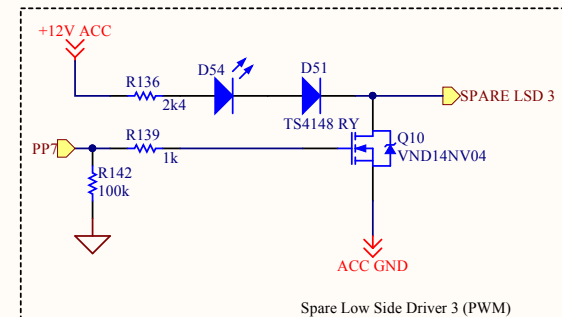
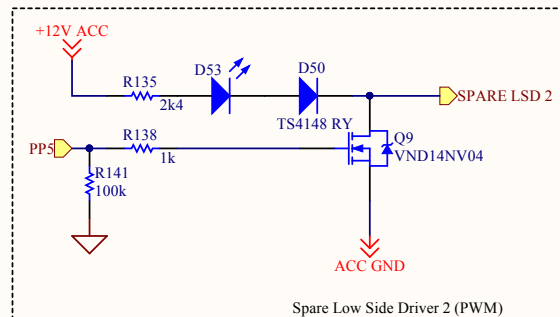
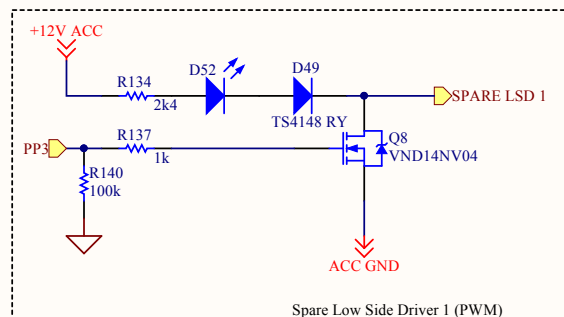
Drawn By:
Dan Visser


Date: 19-Jun-13

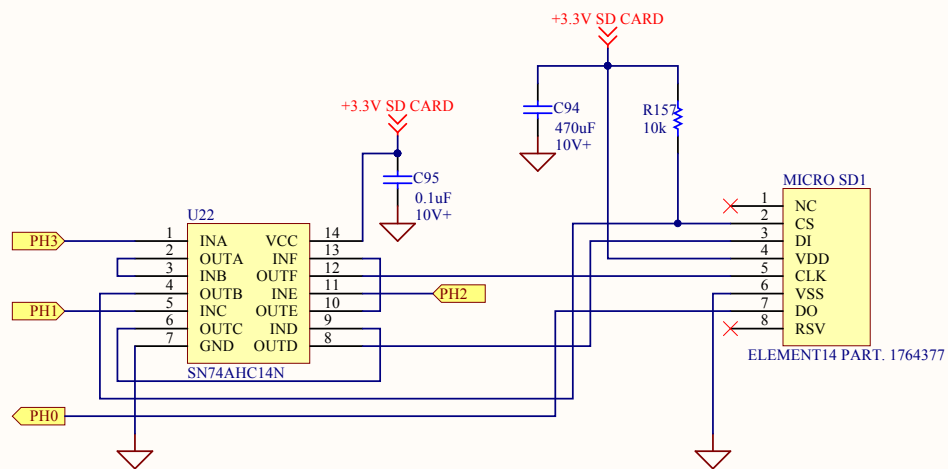
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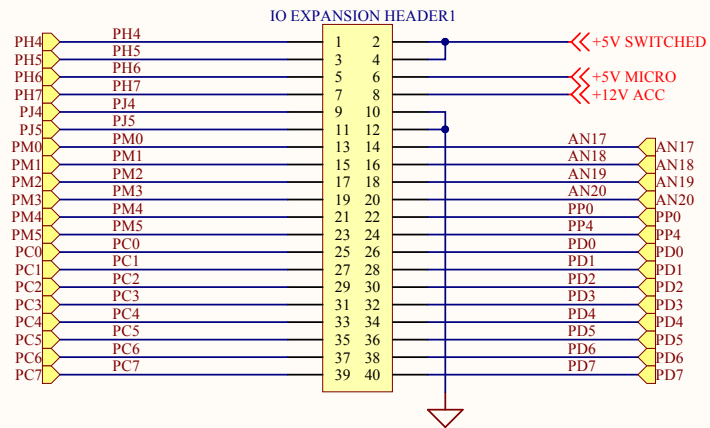
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Altium



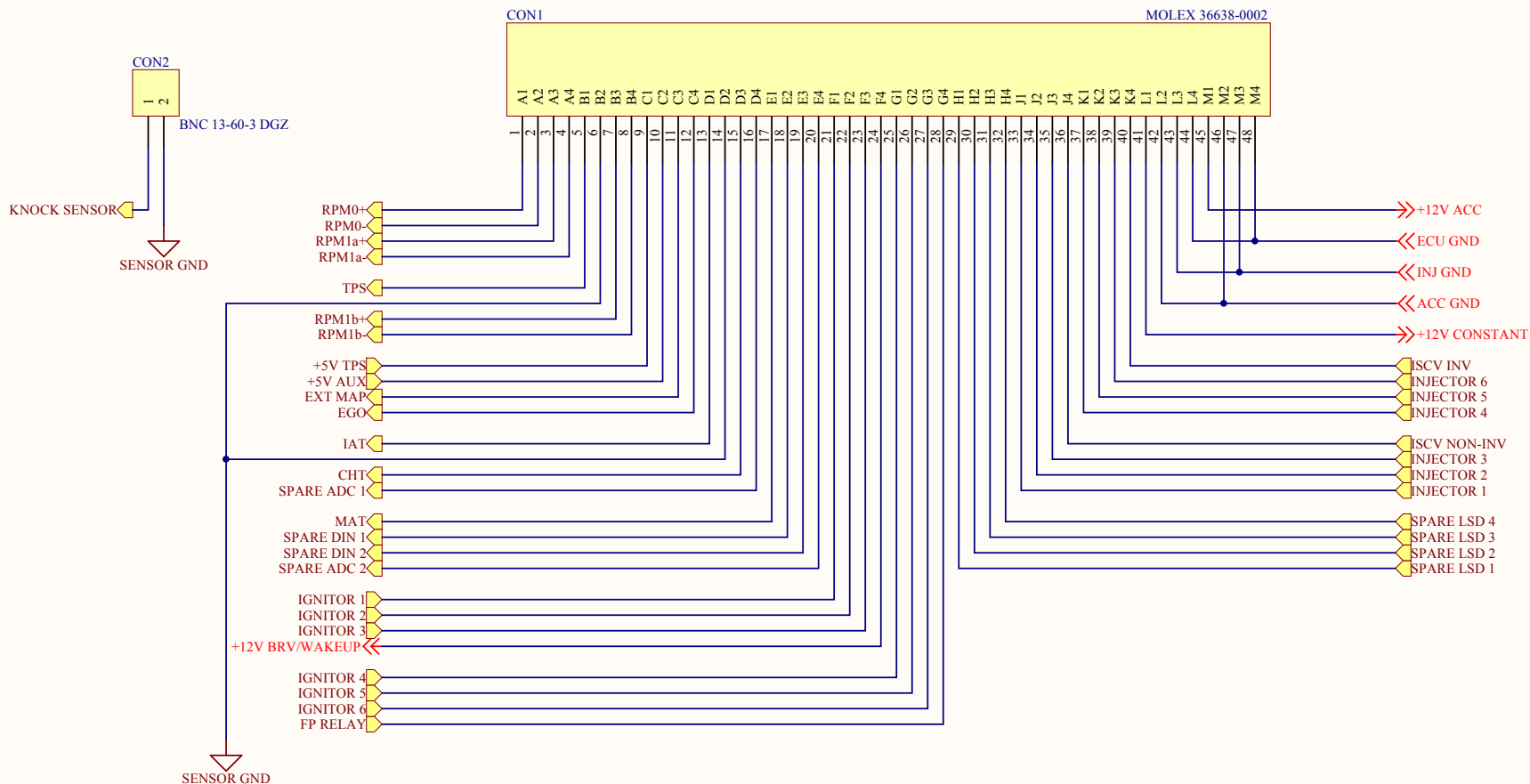
Title <i>Ravage - Low Side Drivers</i>			Drawn By: <i>Dan Visser</i>	
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Title Ravage - IO Expansion Header			Drawn By: <i>Dan Visser</i>	
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NOTE: L and M pins are rated at 12A max, with remaining pins rated at 6A max.



Title <i>Ravage - Connectors</i>			Drawn By: <i>Dan Visser</i>	
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