
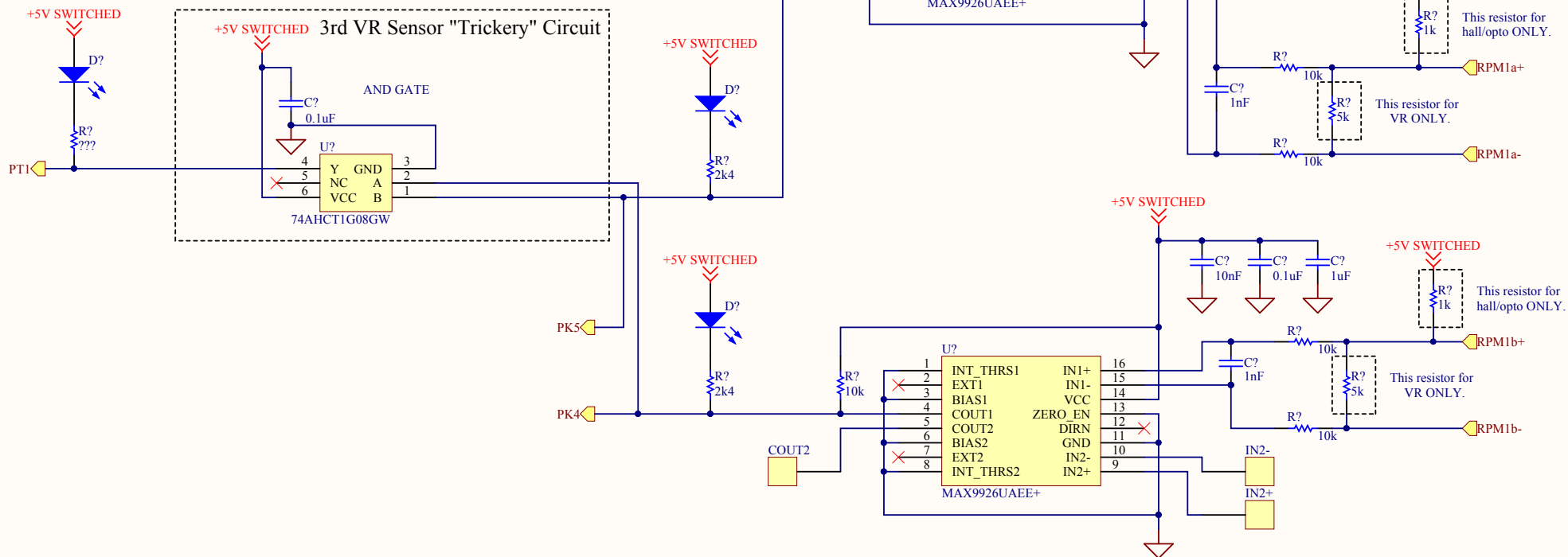


Title Ravage - RS232 Comms			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
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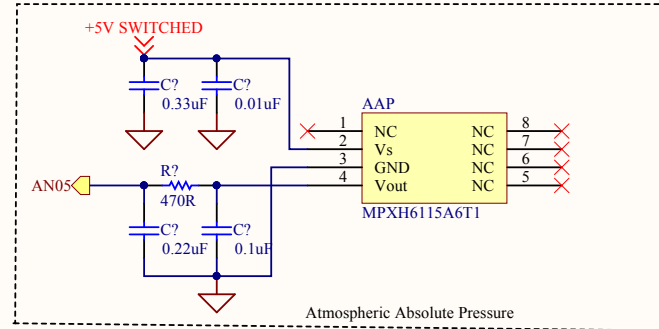
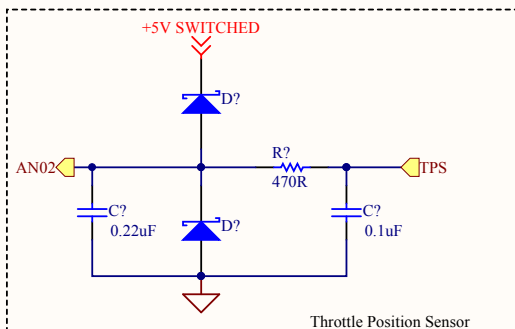
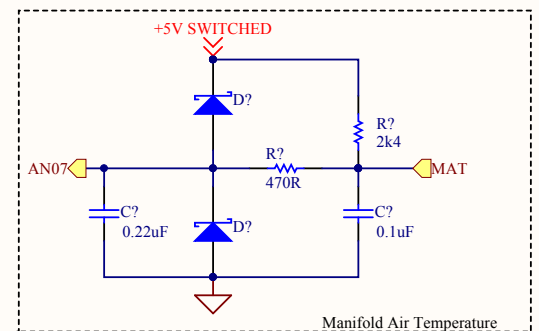
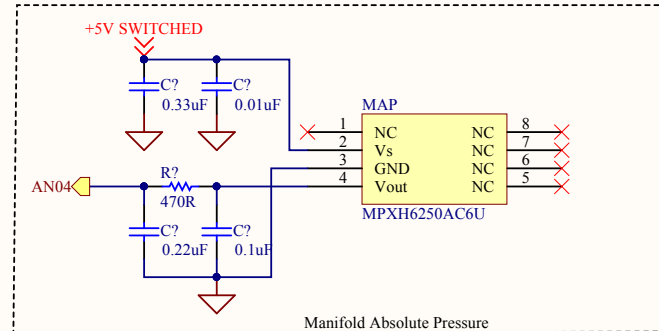
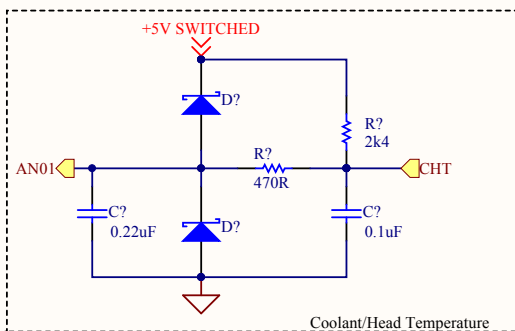
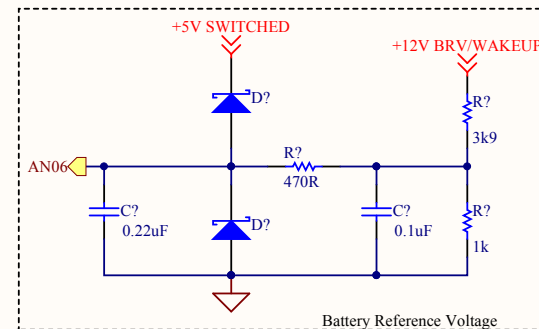
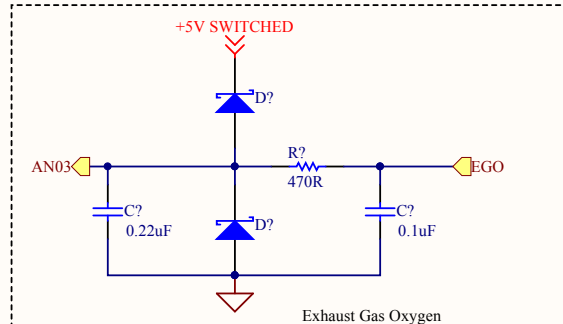
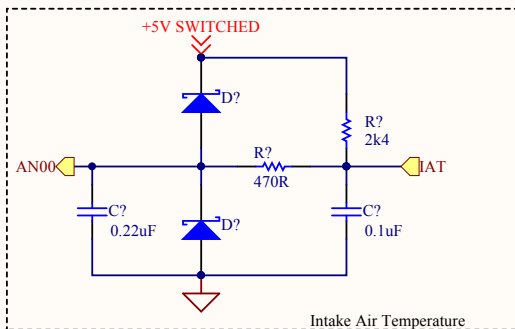
Title Ravage - VR Interfaces			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
Date: 13/09/2012	Time: 2:17:19 PM	Sheet 5 of 16		

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SENSOR GND

Title **Ravage - Core Analogue Inputs**

Size: **A4**

Number: **A**

Revision: **0.2**

Date: **13/09/2012**

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Drawn By:
Dan Visser

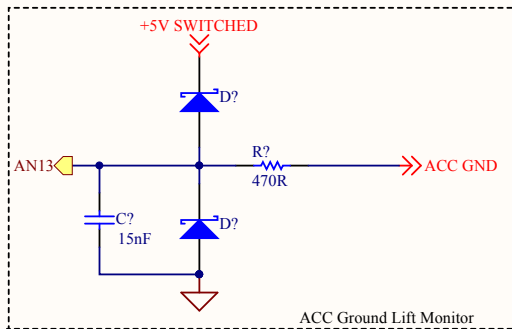
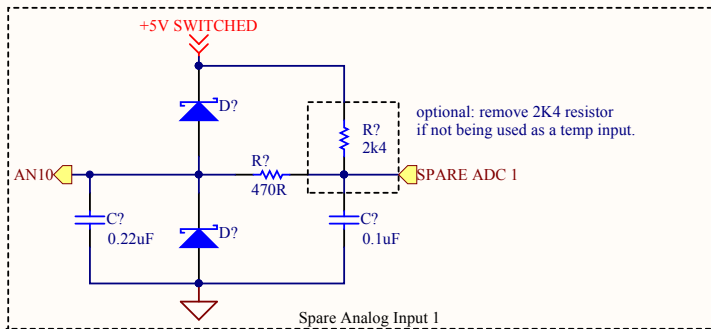
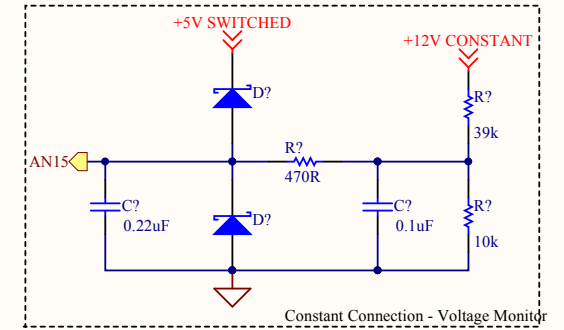
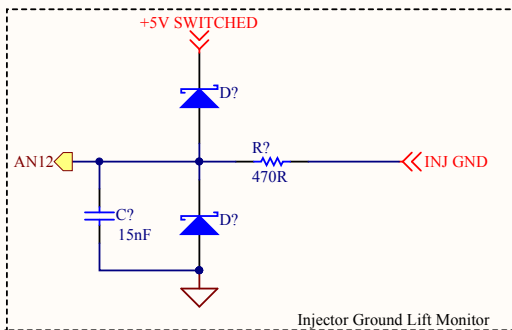
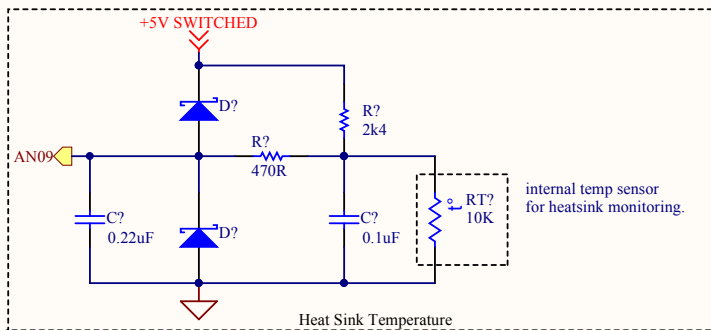
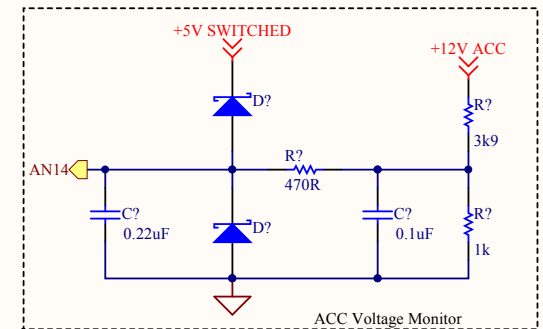
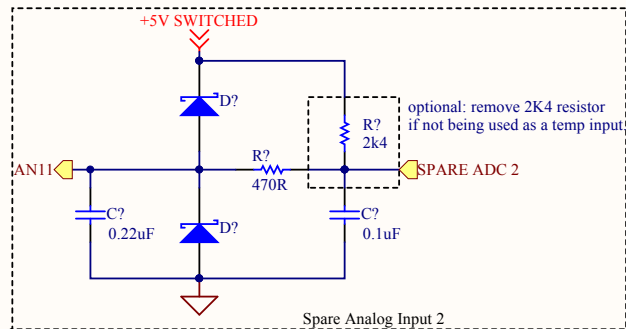
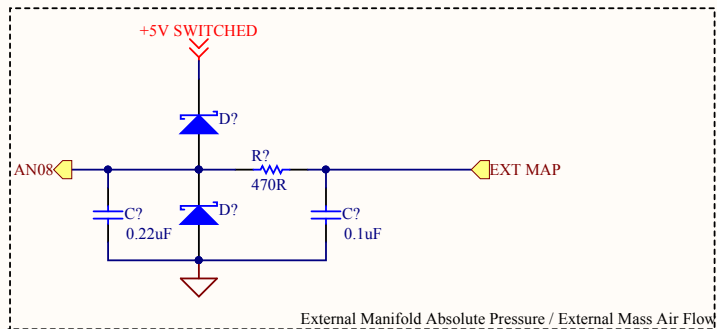
Altium

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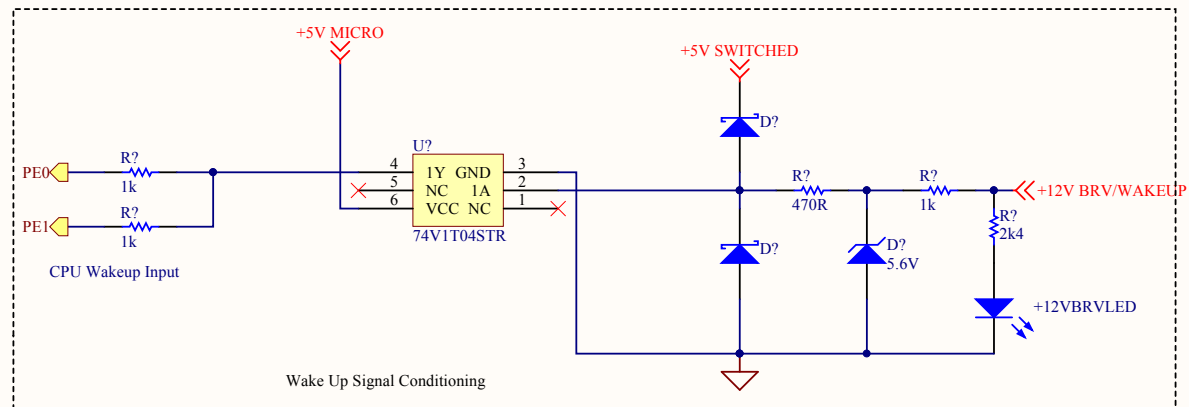
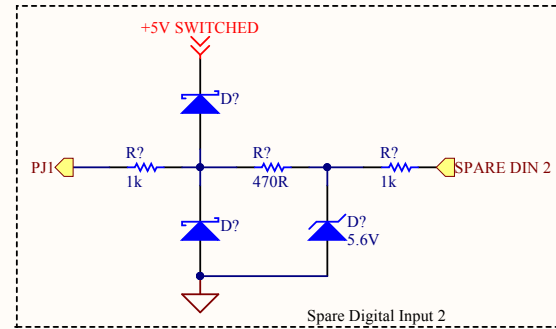
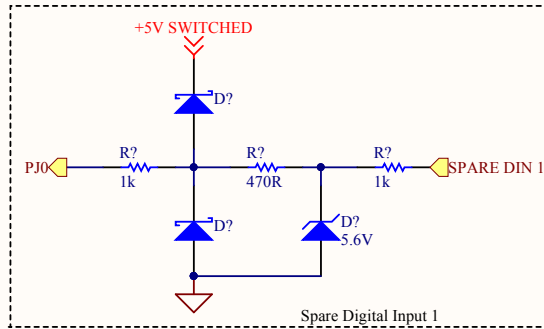
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Title Ravage - Extra Analogue Inputs			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
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All inputs 12V capable.



Title **Ravage - Digital Inputs**

Size: A4

Number: A

Revision: 0.2

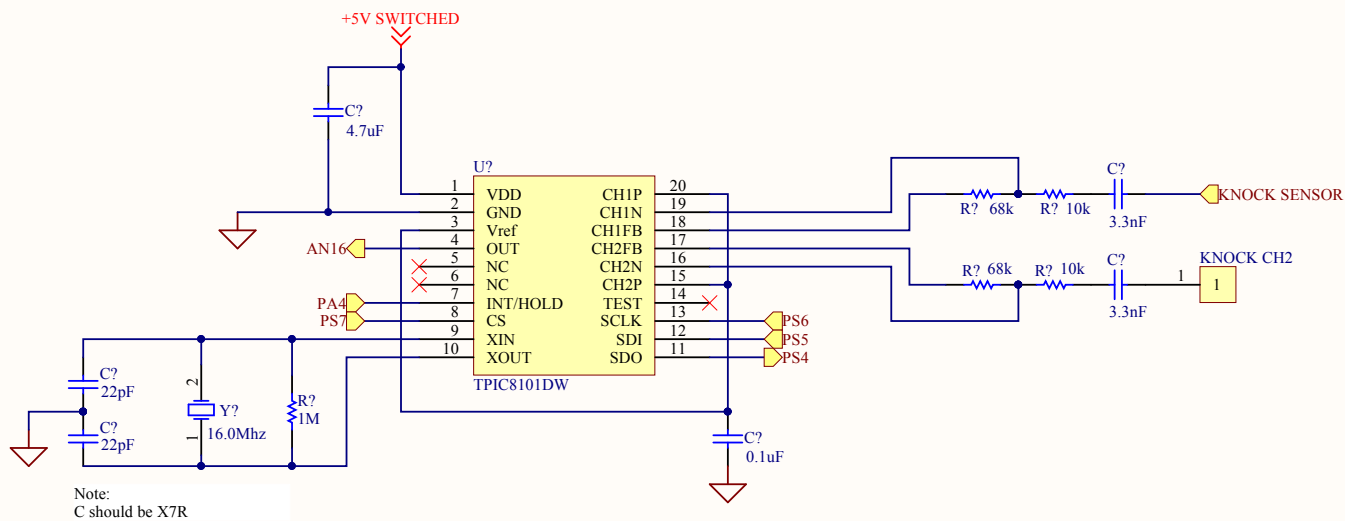
Date: 13/09/2012


Time: 2:17:20 PM

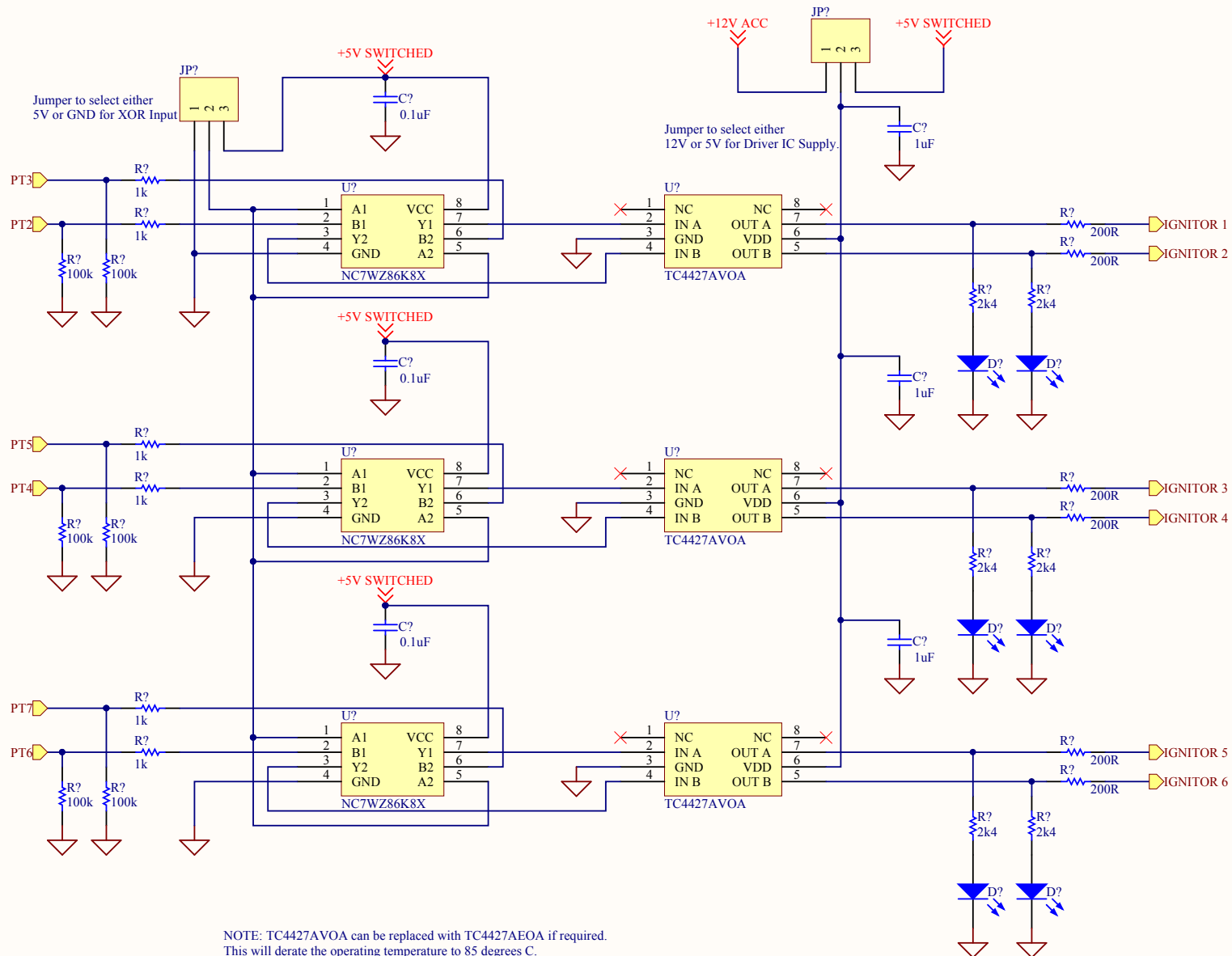
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Drawn By:
Dan Visser



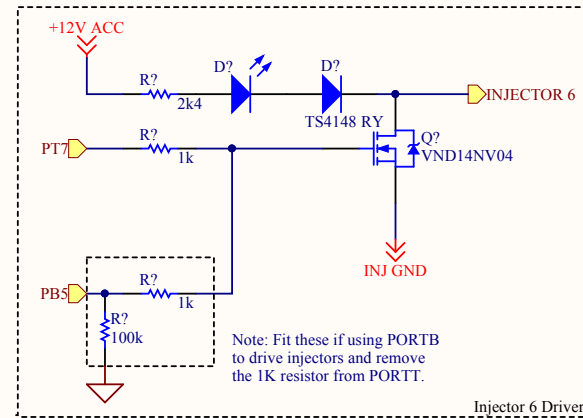
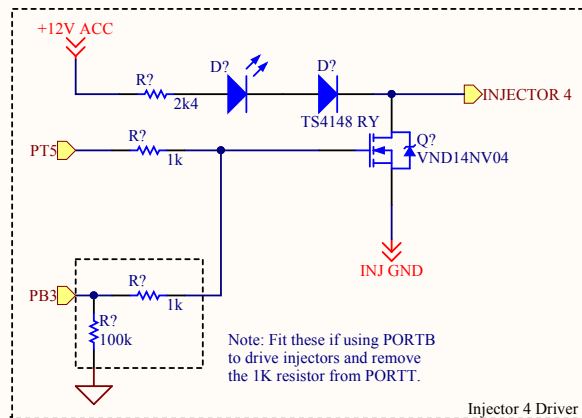
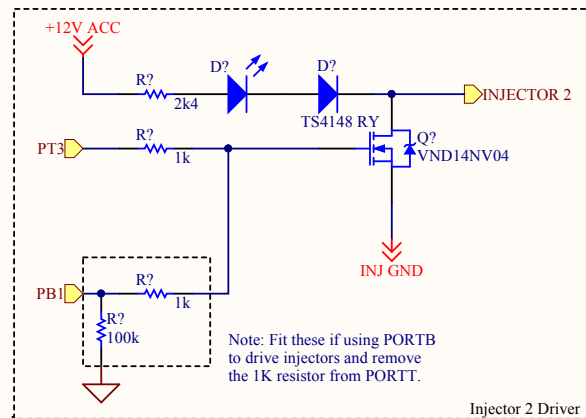
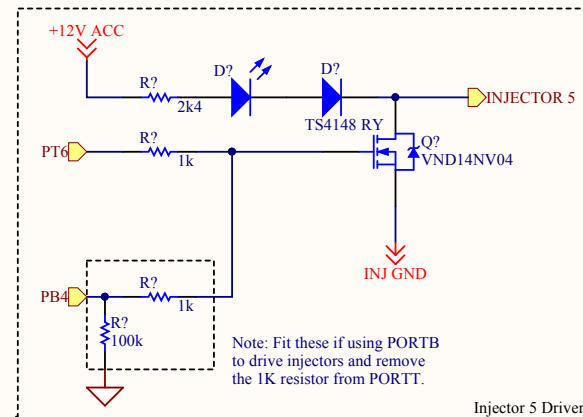
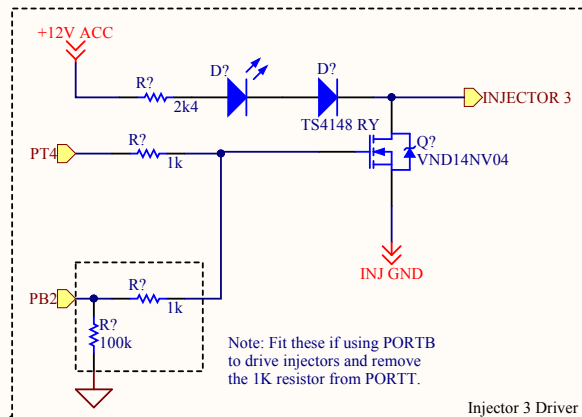
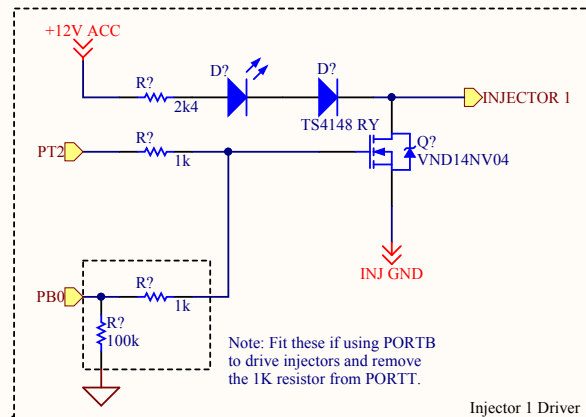


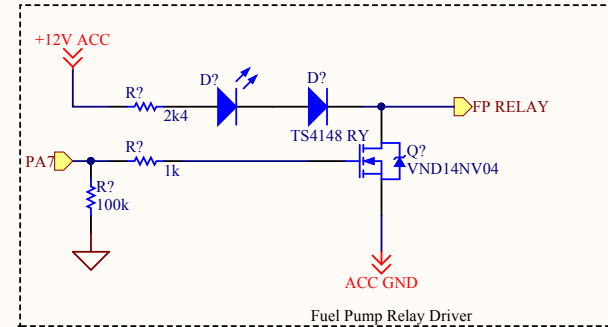
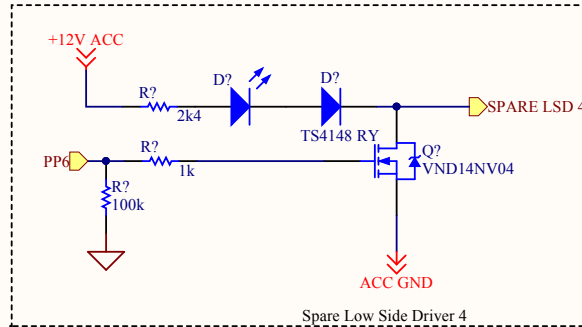
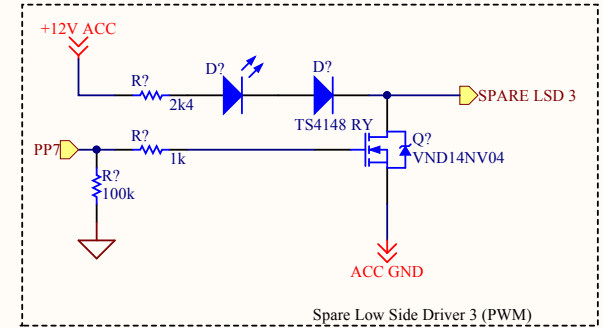
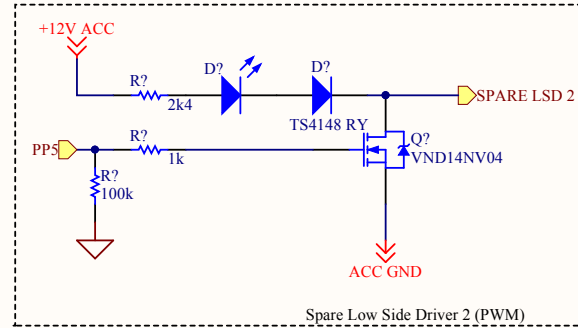
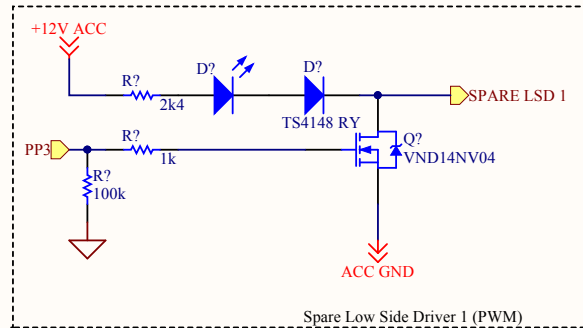
Title Ravage - Knock Sensing			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
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NOTE: TC4427AVOA can be replaced with TC4427AE0A if required.
This will derate the operating temperature to 85 degrees C.

Title Ravage - Ignitor Outputs			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
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Title **Ravage - Low Side Drivers**

Size: **A4**

Number: **A**

Revision: **0.2**

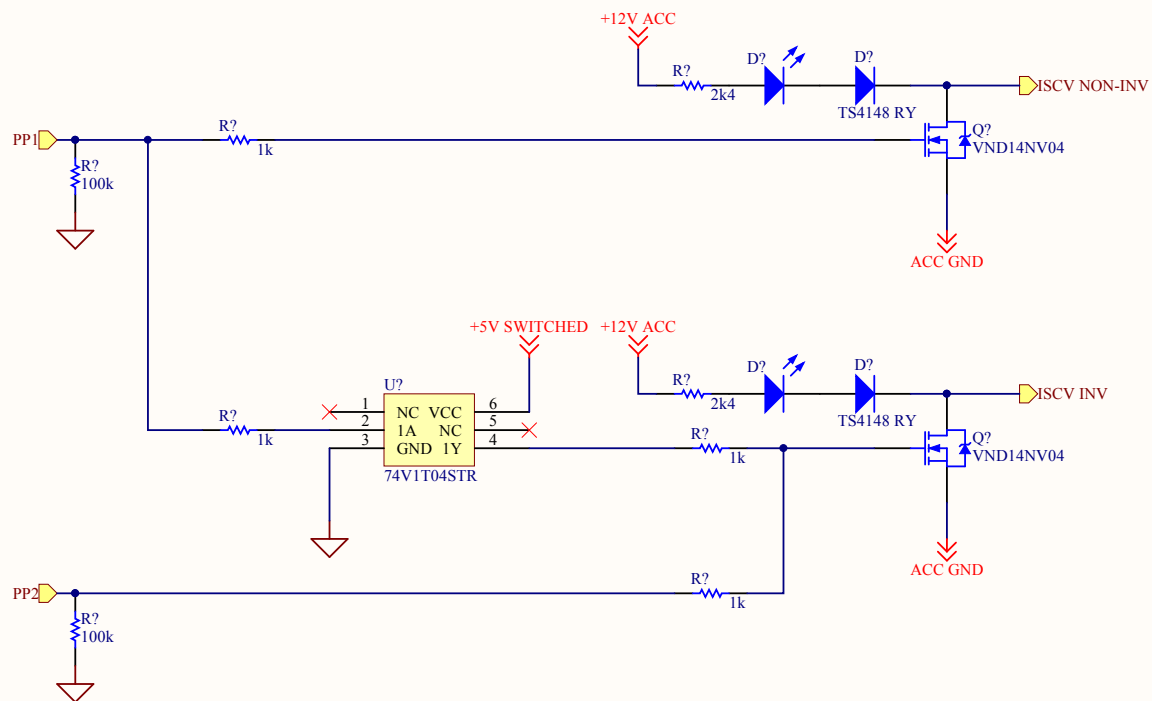
Date: **13/09/2012**


Time: **2:17:20 PM**

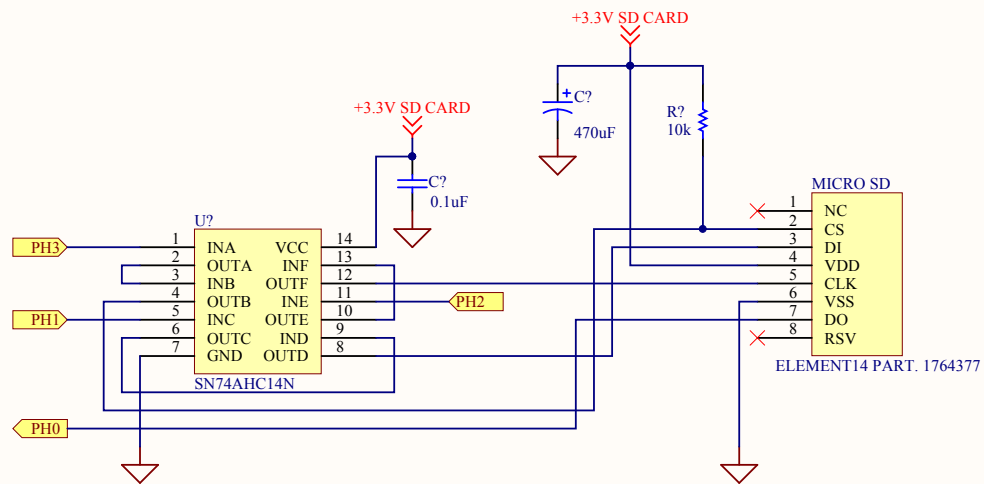
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Dan Visser

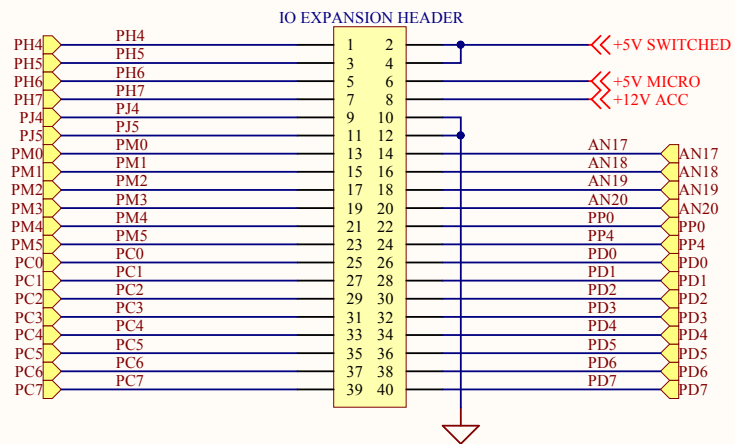




Title Ravage - 3-Wire ISCV Driver			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
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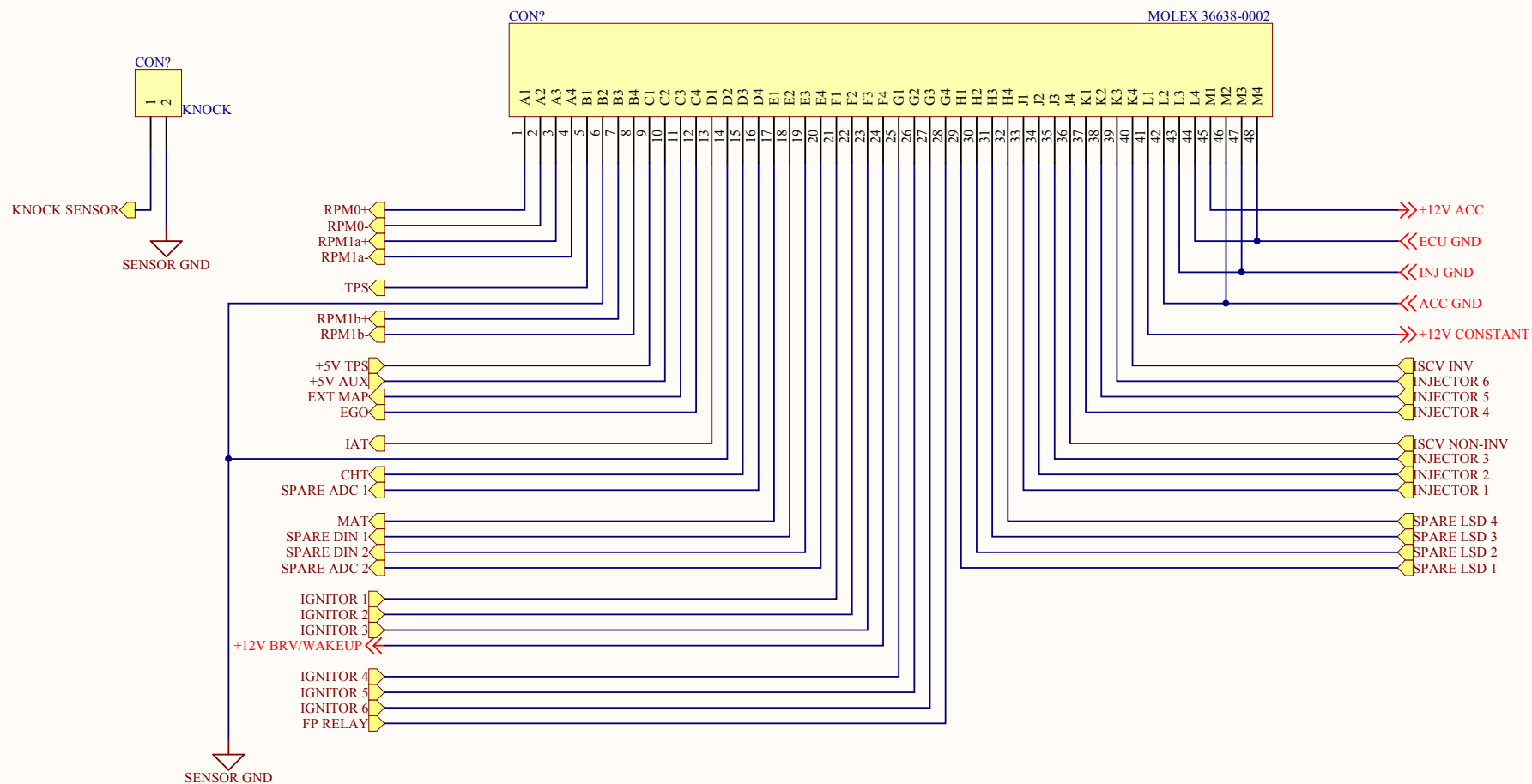


Title Ravage - SD Card Interface			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
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Title <i>Ravage - IO Expansion Header</i>			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
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NOTE: L and M pins are rated at 12A max, with remaining pins rated at 6A max.



Title **Ravage - Connectors**

Size: **A4**

Number: **A**

Revision: **0.2**

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Drawn By:
Dan Visser

