


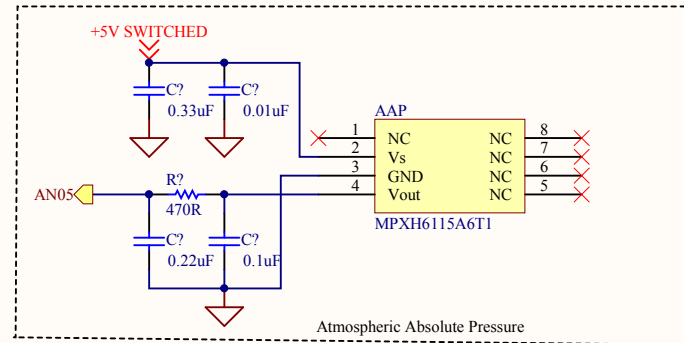
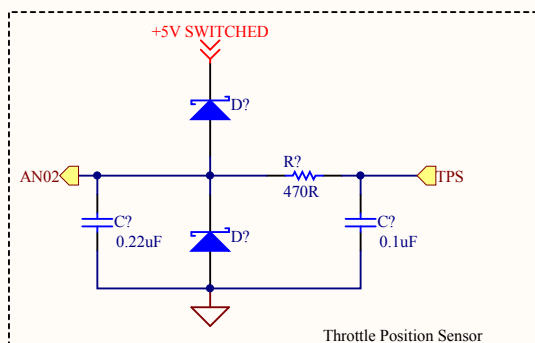
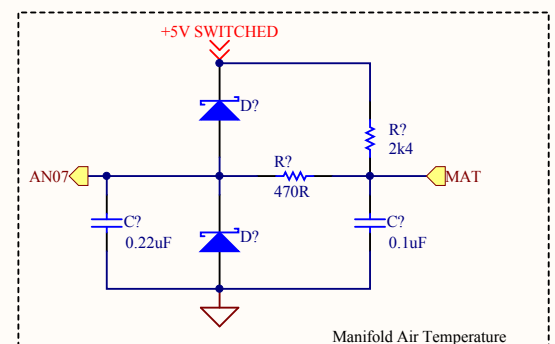
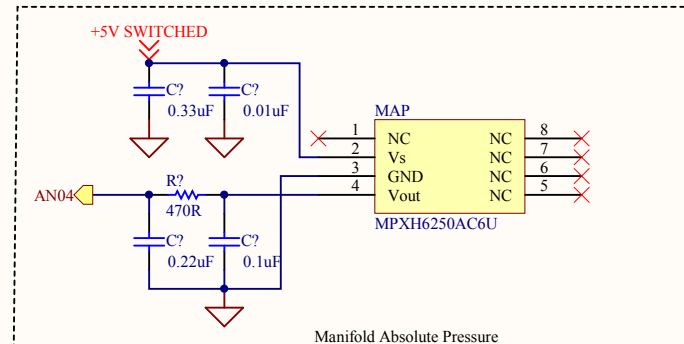
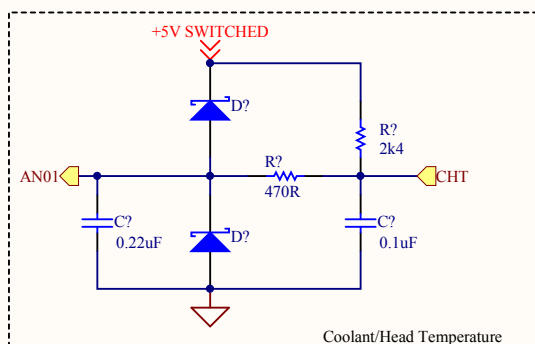
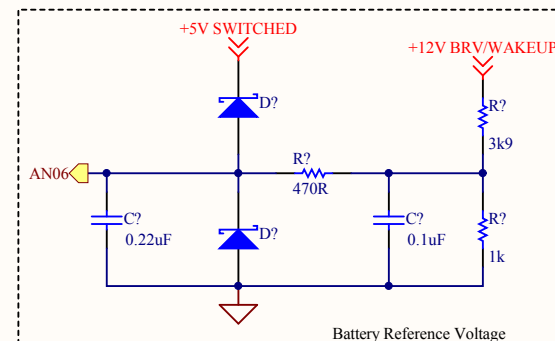
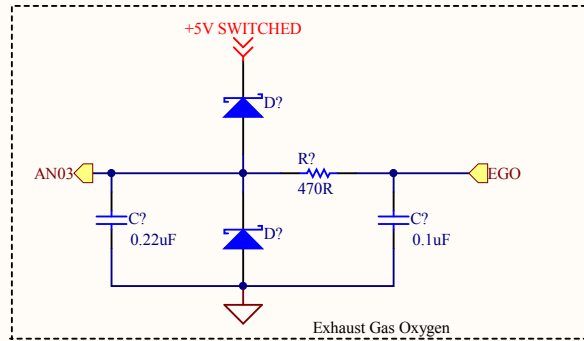
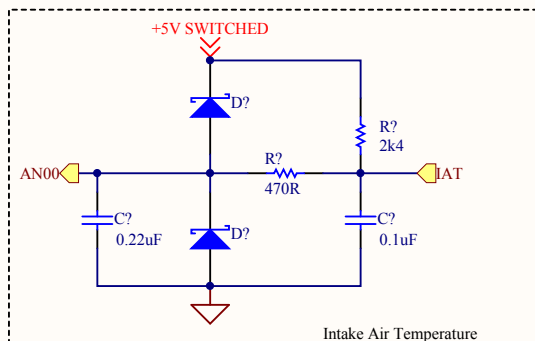
Title Ravage - RS232 Comms			Drawn By: <i>Dan Visser</i>	
Size: A4	Number: A	Revision: 0.2		
Date: 24/02/2012	Time: 11:02:11 PM	Sheet 4 of 16		

1

2

3

4



SENSOR GND

Title **Ravage - Core Analogue Inputs**

Size: **A4**

Number: **A**

Revision: **0.2**

Date: **24/02/2012**

Time: **11:02:11 PM** Sheet **6** of **16**

Drawn By:
Dan Visser

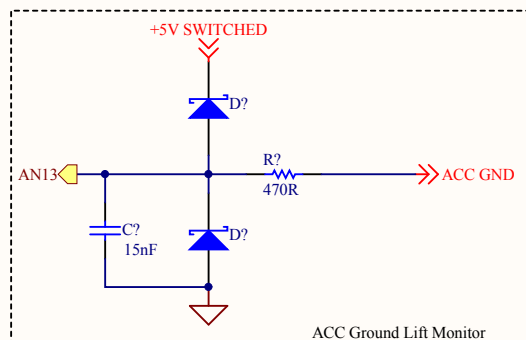
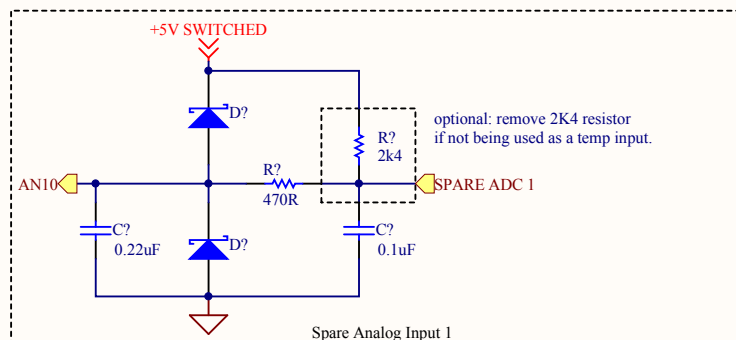
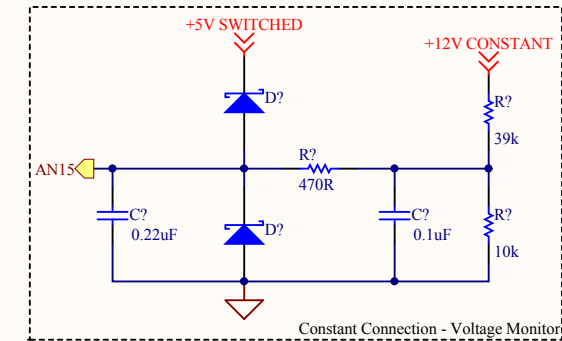
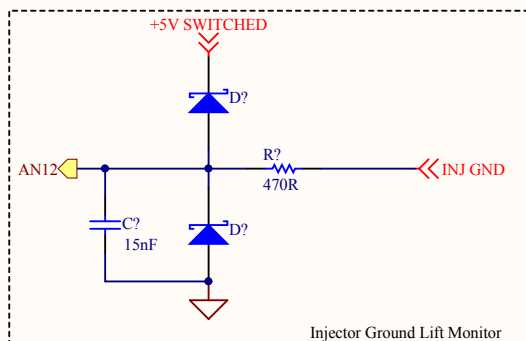
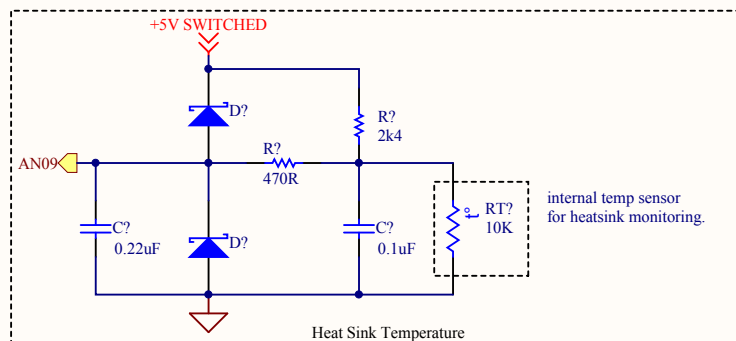
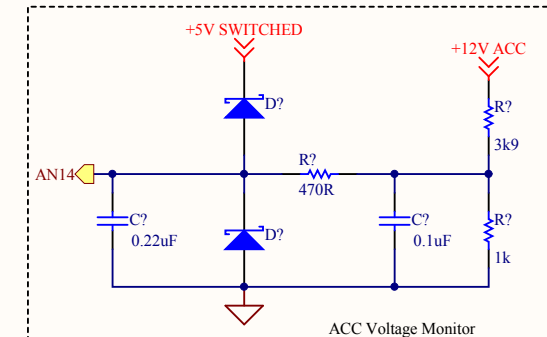
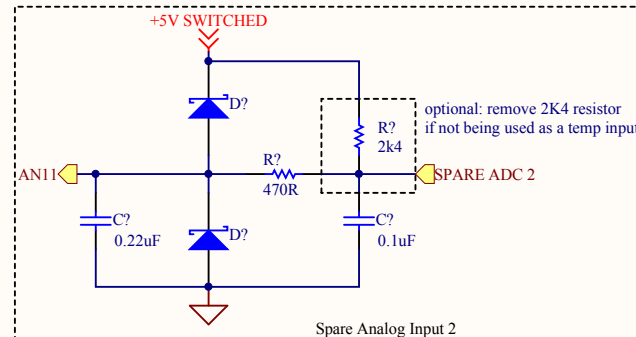
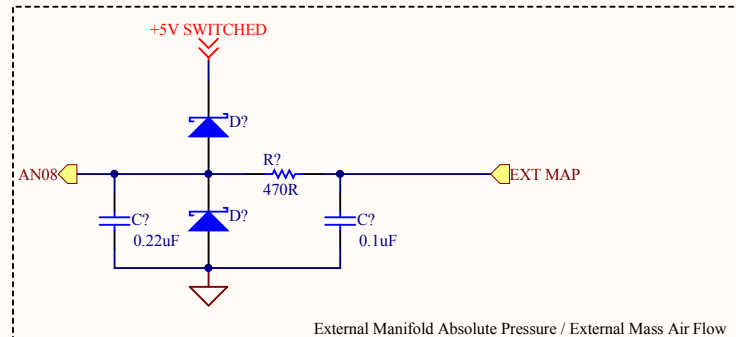
Altium

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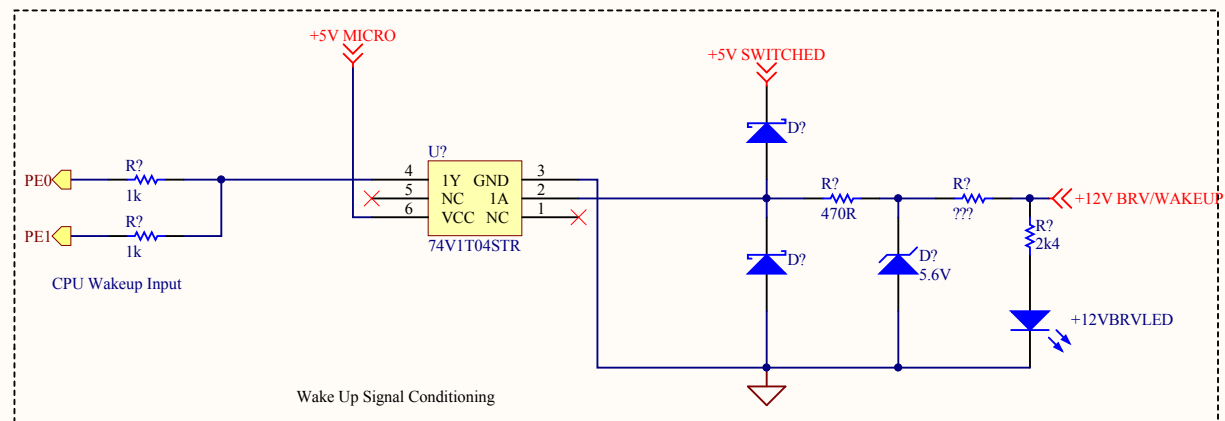
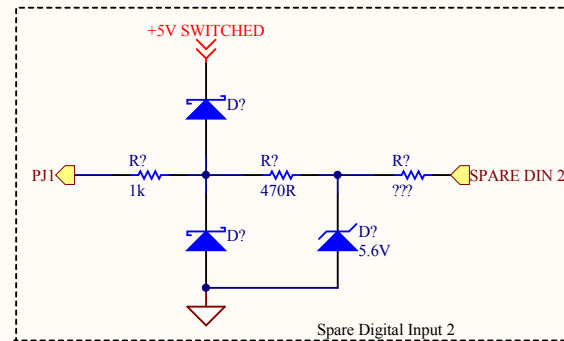
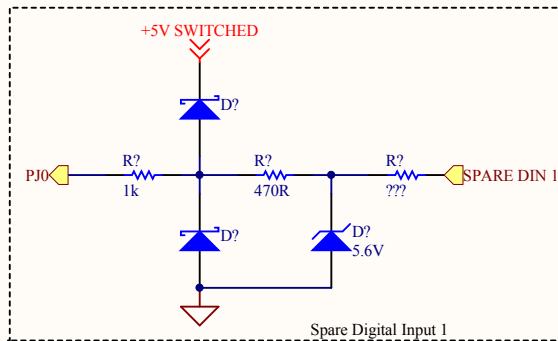
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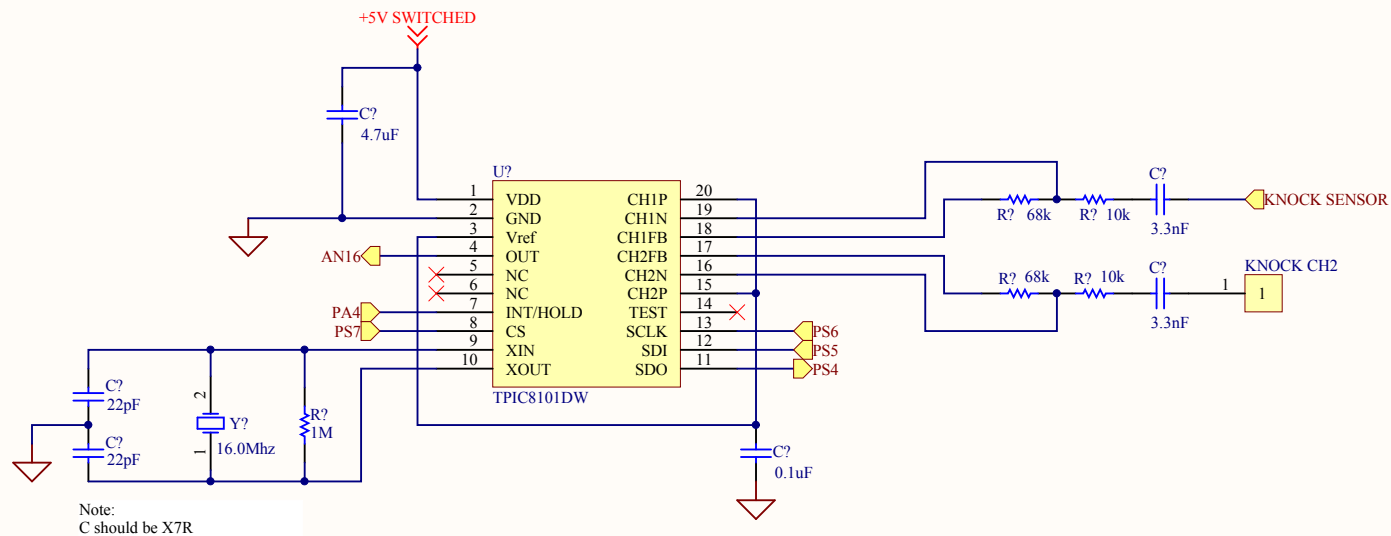
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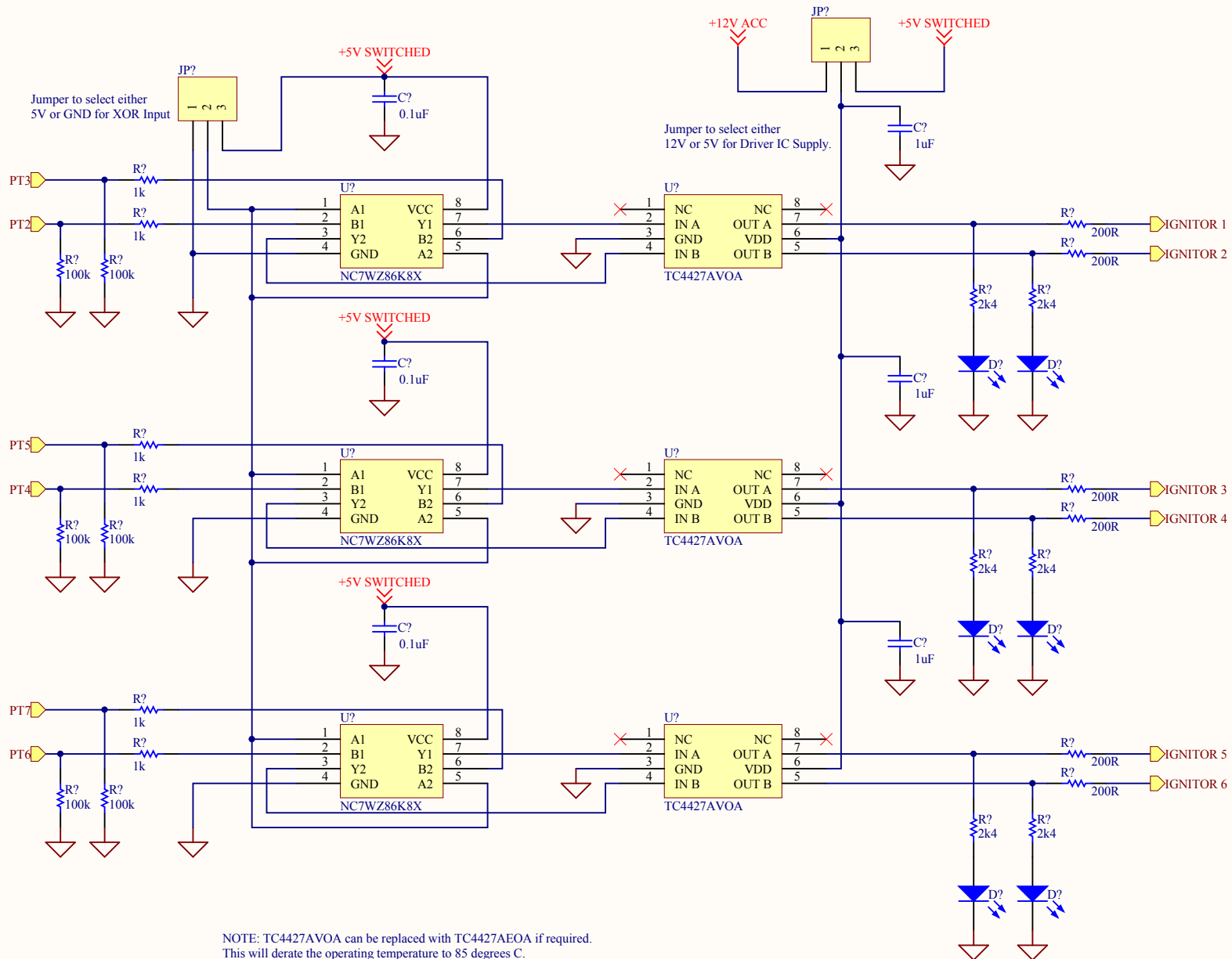
Title Ravage - Extra Analogue Inputs			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
Date: 24/02/2012	Time: 11:02:11 PM	Sheet 7 of 16		

All inputs 12V capable.

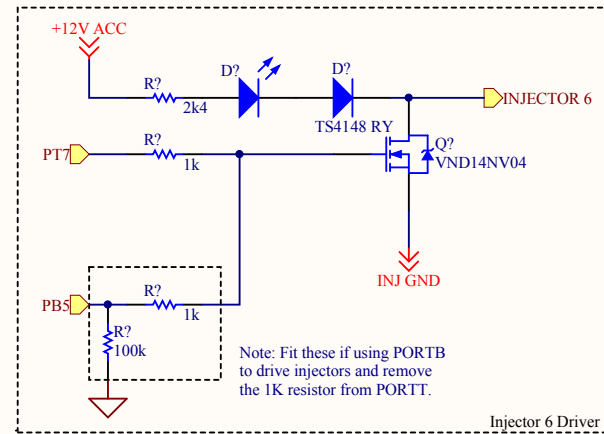
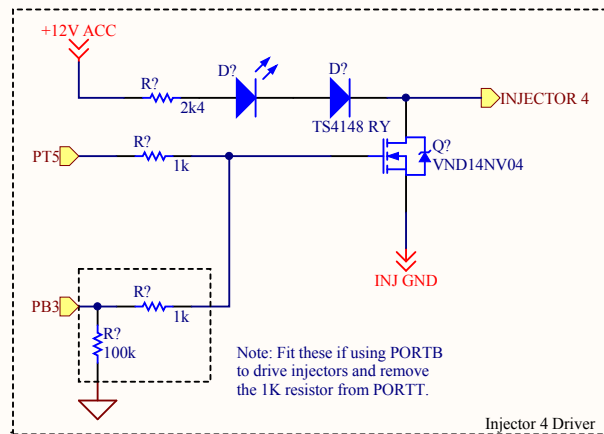
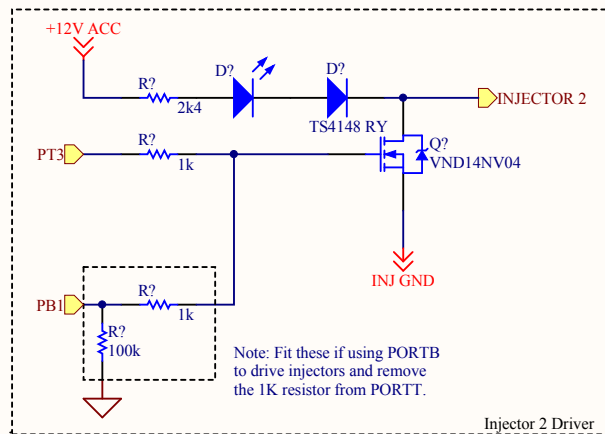
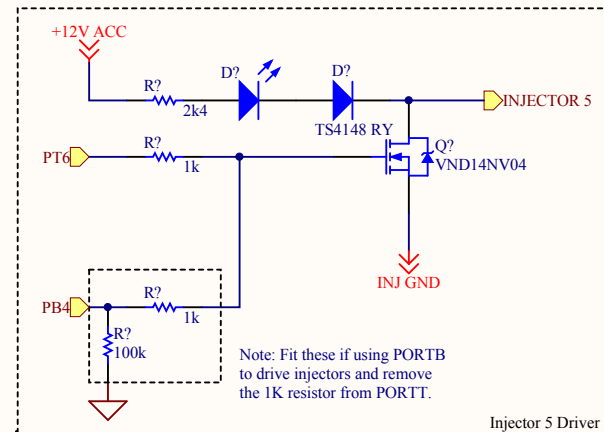
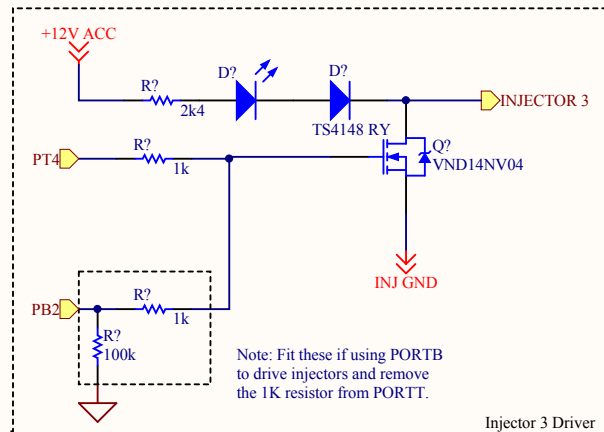
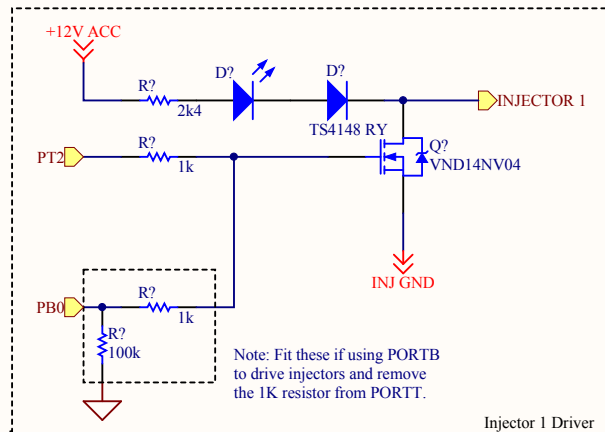
Title **Ravage - Digital Inputs**Size: **A4**Number: **A**Revision: **0.2**Date: **24/02/2012** Time: **11:02:11 PM** Sheet **8** of **16**Drawn By:
Dan Visser**Altium**



Title Ravage - Knock Sensing			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
Date: 24/02/2012	Time: 11:02:11 PM	Sheet 9 of 16		



Title Ravage - Ignitor Outputs			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
Date: 24/02/2012	Time: 11:02:12 PM	Sheet 10 of 16		



Title **Ravage - Injectors**

Size: A4

Number: A

Revision: 0.2

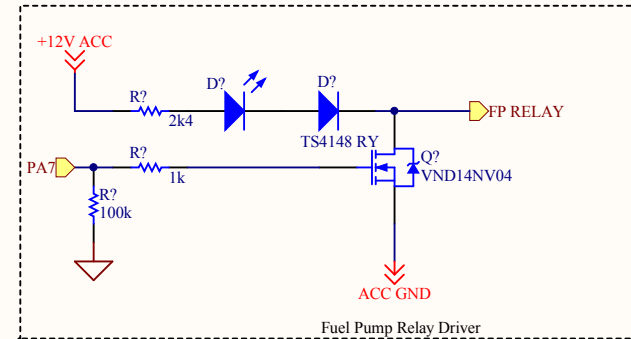
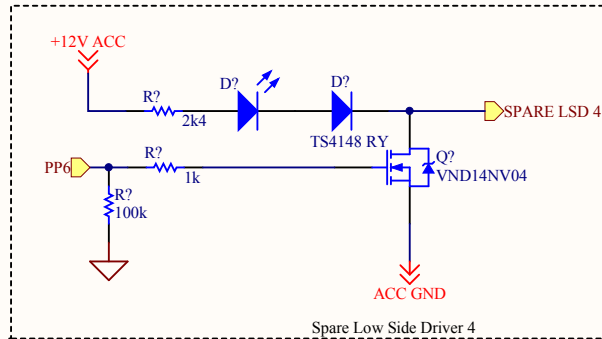
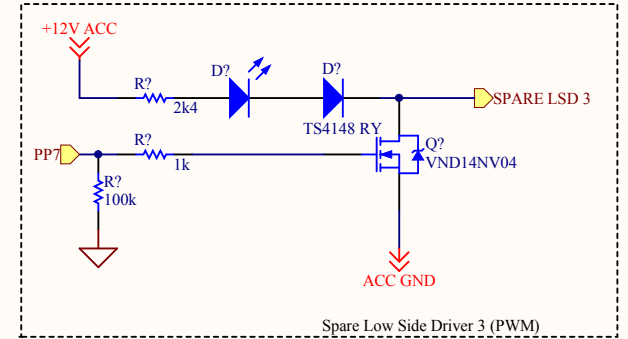
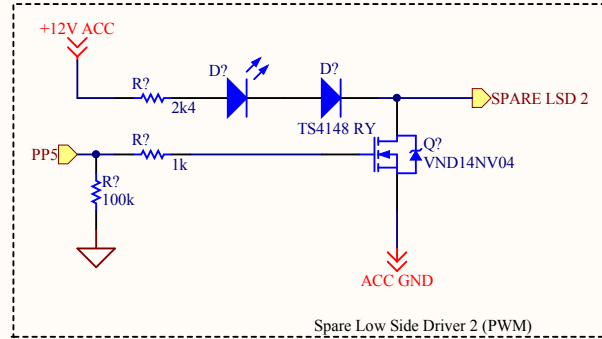
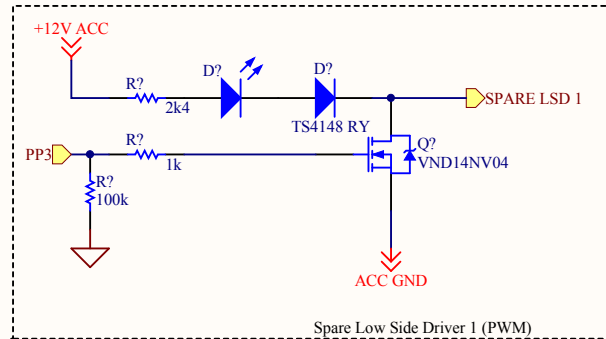
Date: 24/02/2012

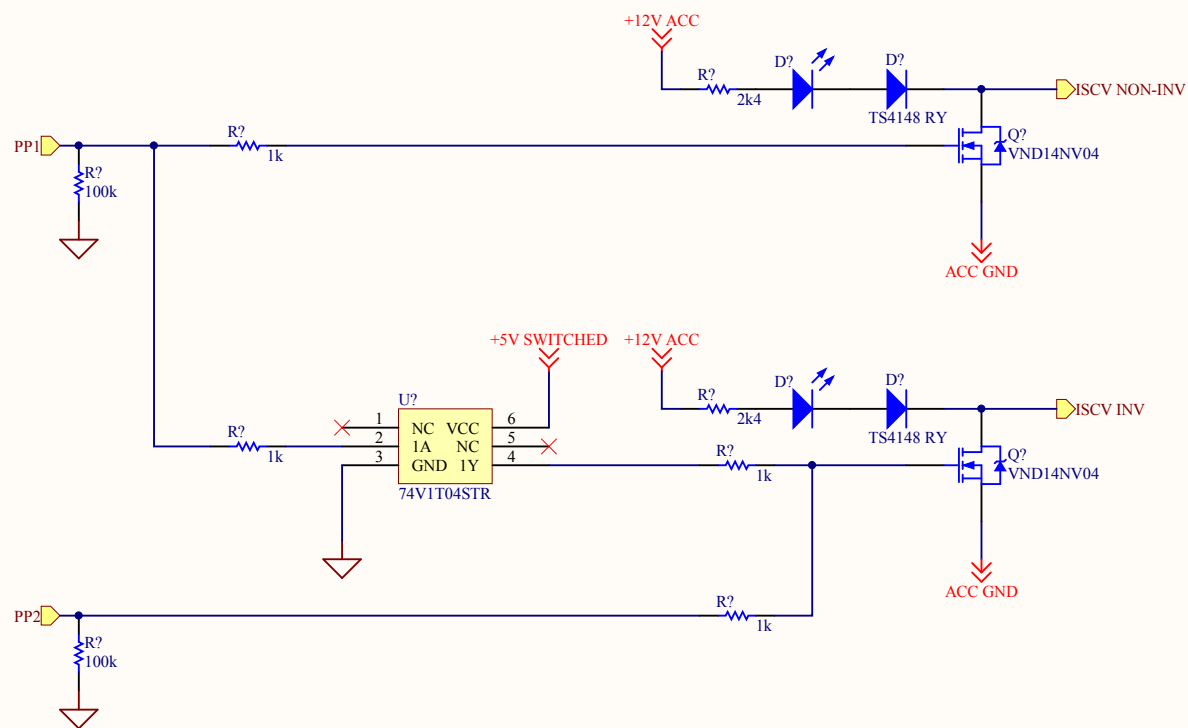
Time: 11:02:12 PM

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Drawn By:
Dan Visser

Altium





Title **Ravage - 3-Wire ISCV Driver**

Size: **A4**

Number: **A**

Revision: **0.2**

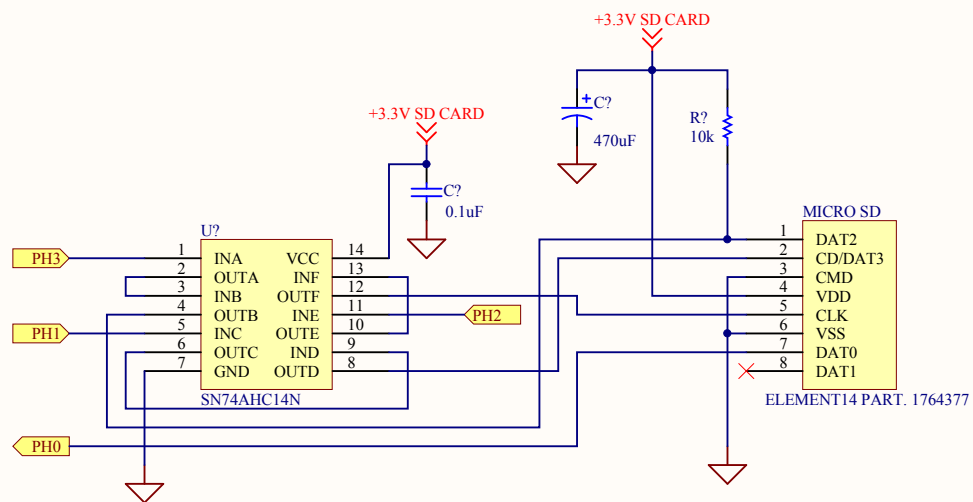
Date: **24/02/2012**

Time: **11:02:12 PM**

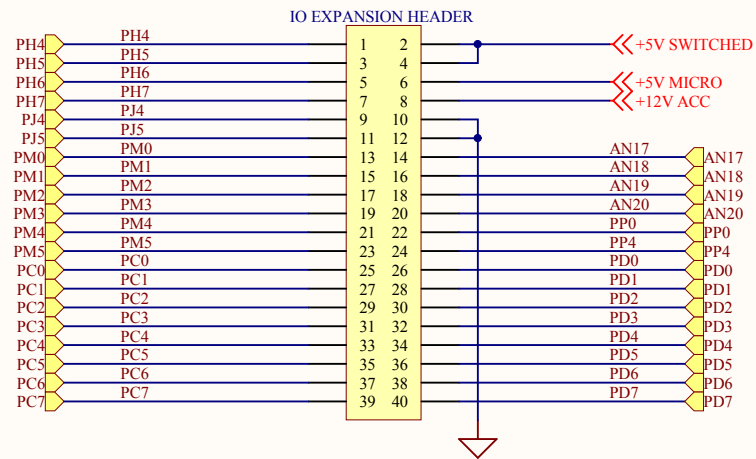
Sheet **13** of **16**

Drawn By:
Dan Visser





Title Ravage - SD Card Interface			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
Date: 24/02/2012	Time: 11:02:12 PM	Sheet 14 of 16		



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

