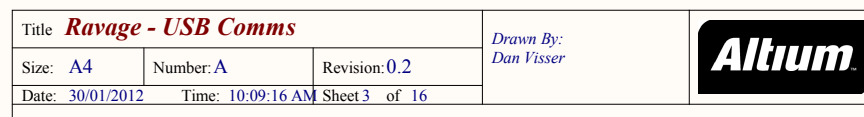
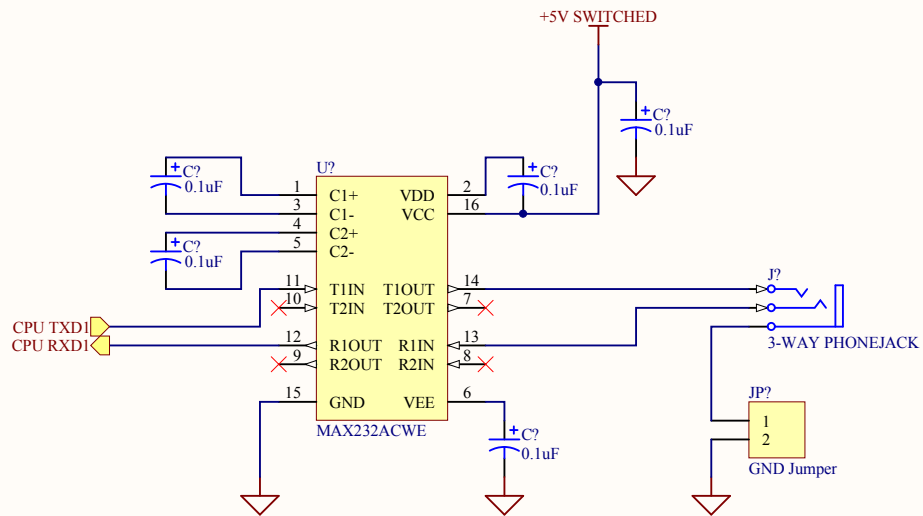



Title <b>Ravage - Power Supplies</b>			Drawn By: Dan Visser	
Size: <b>A4</b>	Number: <b>A</b>	Revision: <b>0.2</b>		
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Title <b>Ravage - RS232 Comms</b>			Drawn By: <i>Dan Visser</i>	
Size: <b>A4</b>	Number: <b>A</b>	Revision: <b>0.2</b>		
Date: <b>30/01/2012</b>	Time: <b>10:09:16 AM</b>	Sheet <b>4</b> of <b>16</b>		

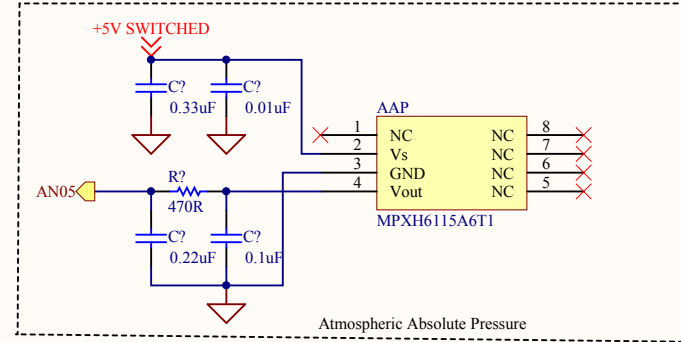
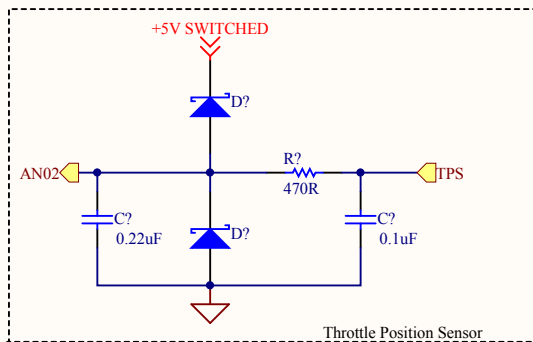
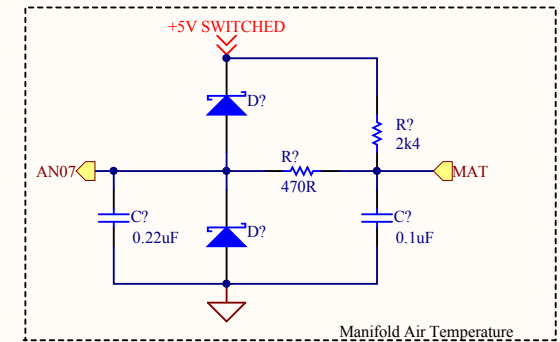
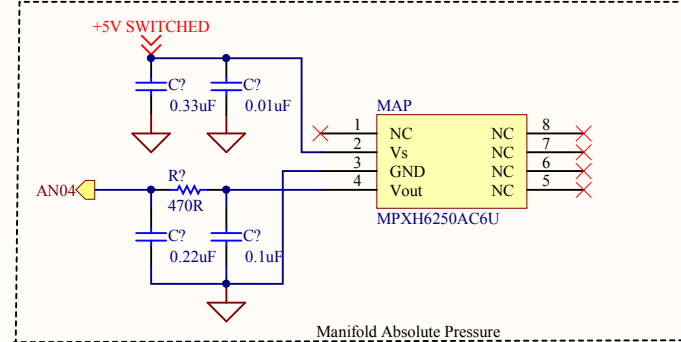
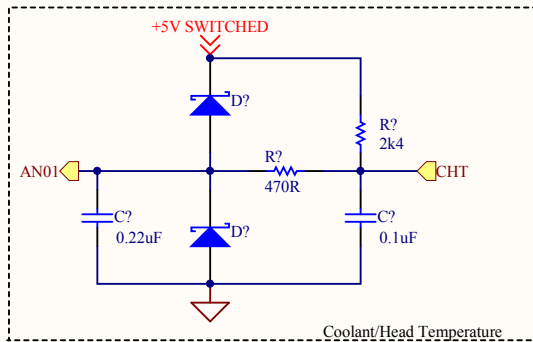
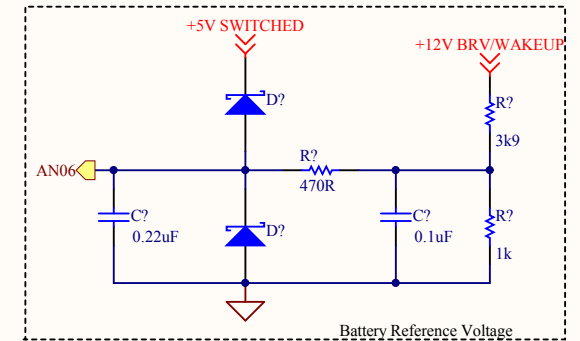
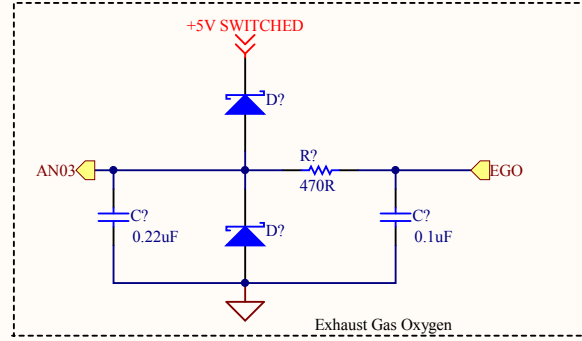
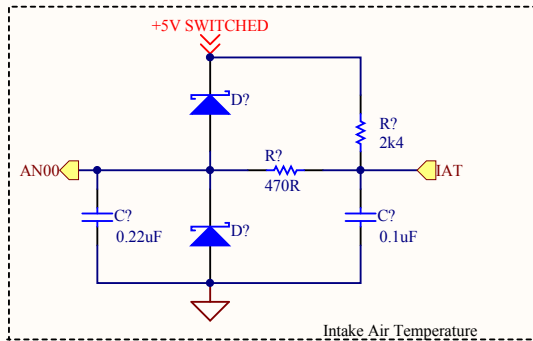


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3

4



SENSOR GND

Title **Ravage - Core Analogue Inputs**

Size: **A4**

Number: **A**

Revision: **0.2**

Date: **30/01/2012**

Time: **10:09:16 AM** Sheet **6** of **16**

Drawn By:  
Dan Visser

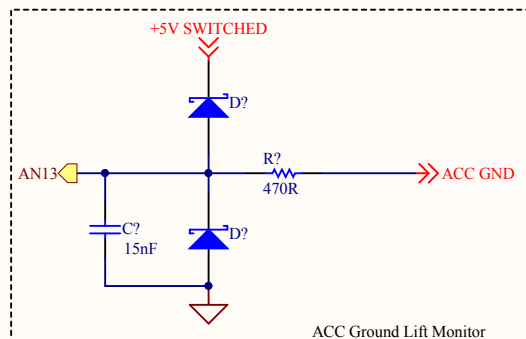
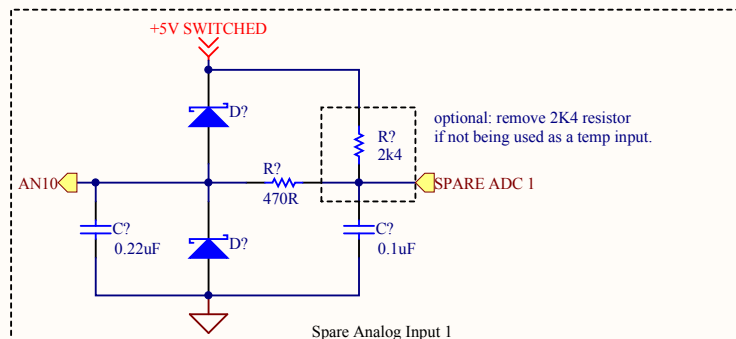
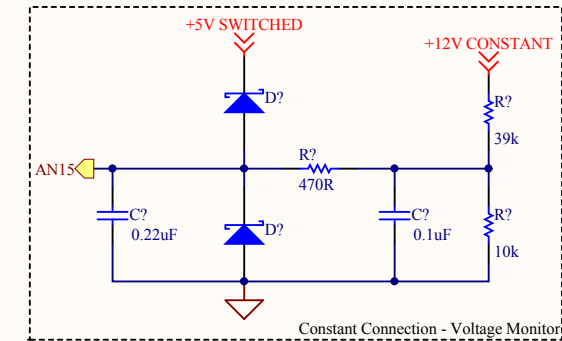
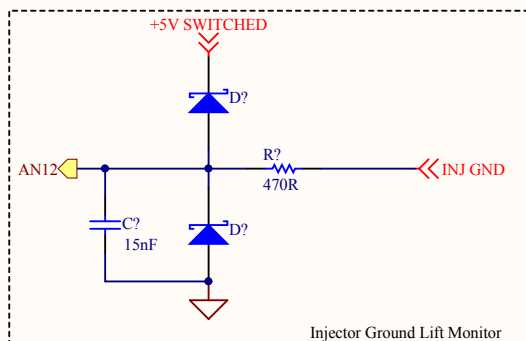
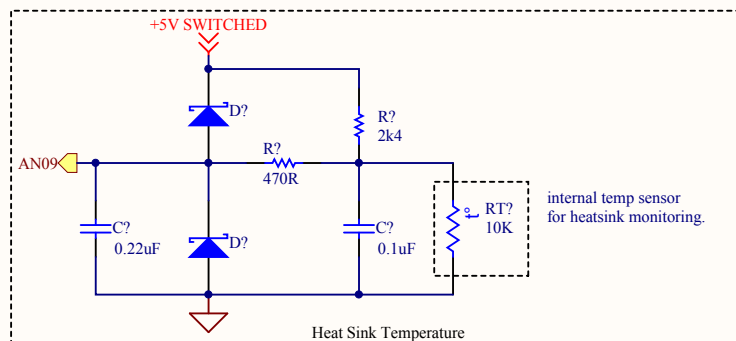
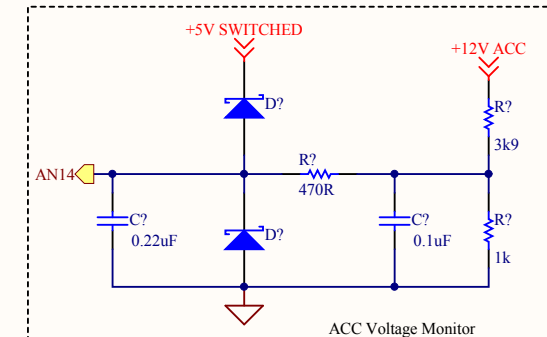
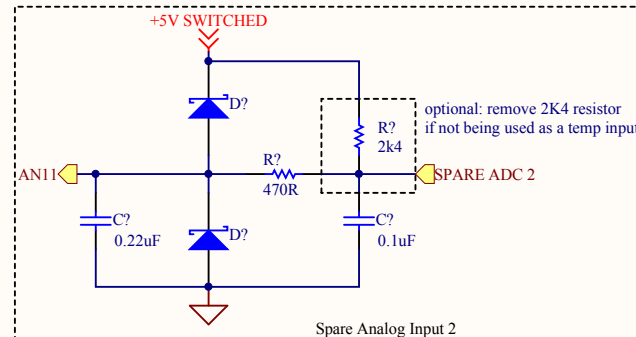
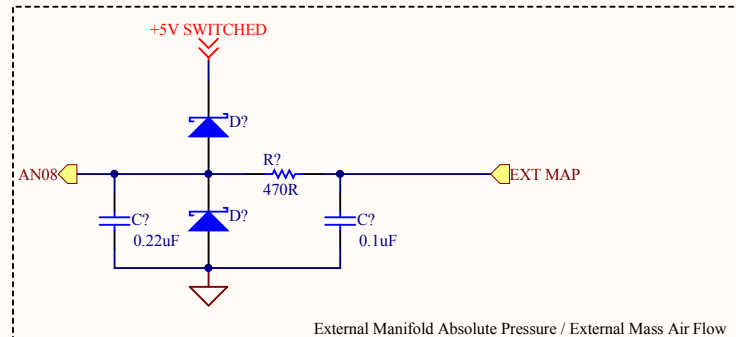
**Altium**

1

2

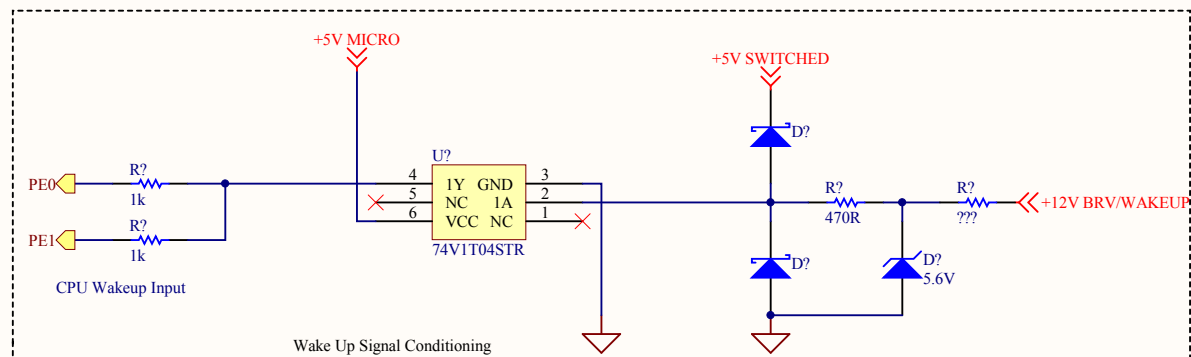
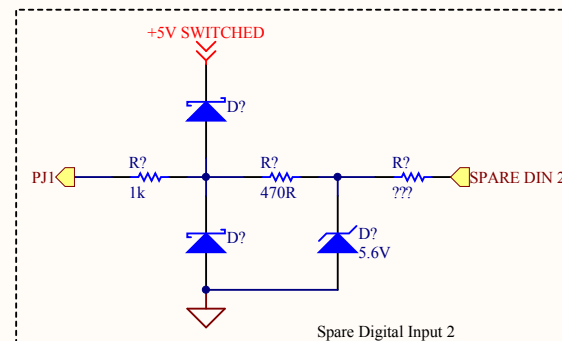
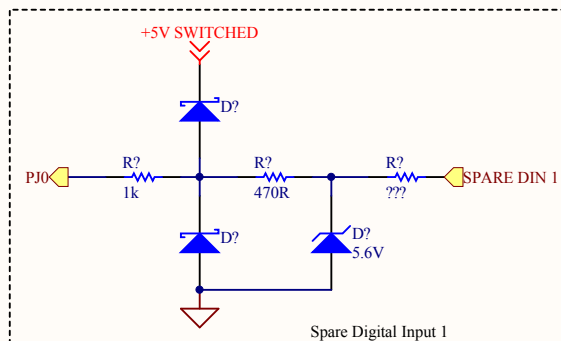
3

4



Title <b>Ravage - Extra Analogue Inputs</b>			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
Date: 30/01/2012	Time: 10:09:16 AM	Sheet 7 of 16		

All inputs 12V capable.

Title **Ravage - Digital Inputs**

Size: A4

Number: A

Revision: 0.2

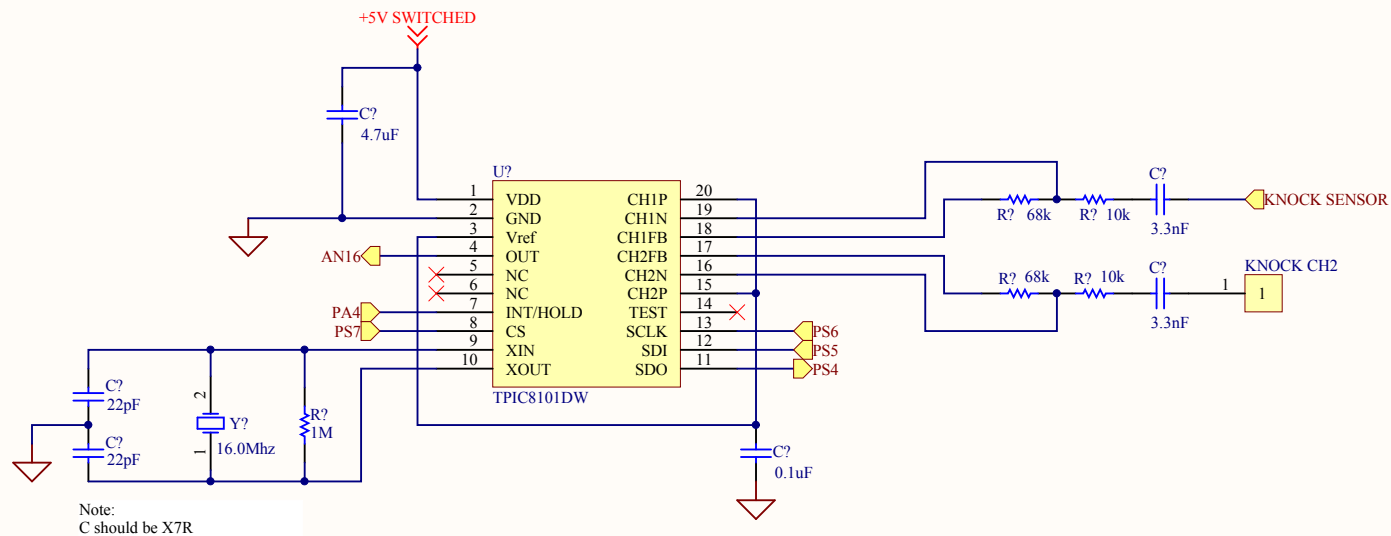
Date: 30/01/2012

Time: 10:09:16 AM

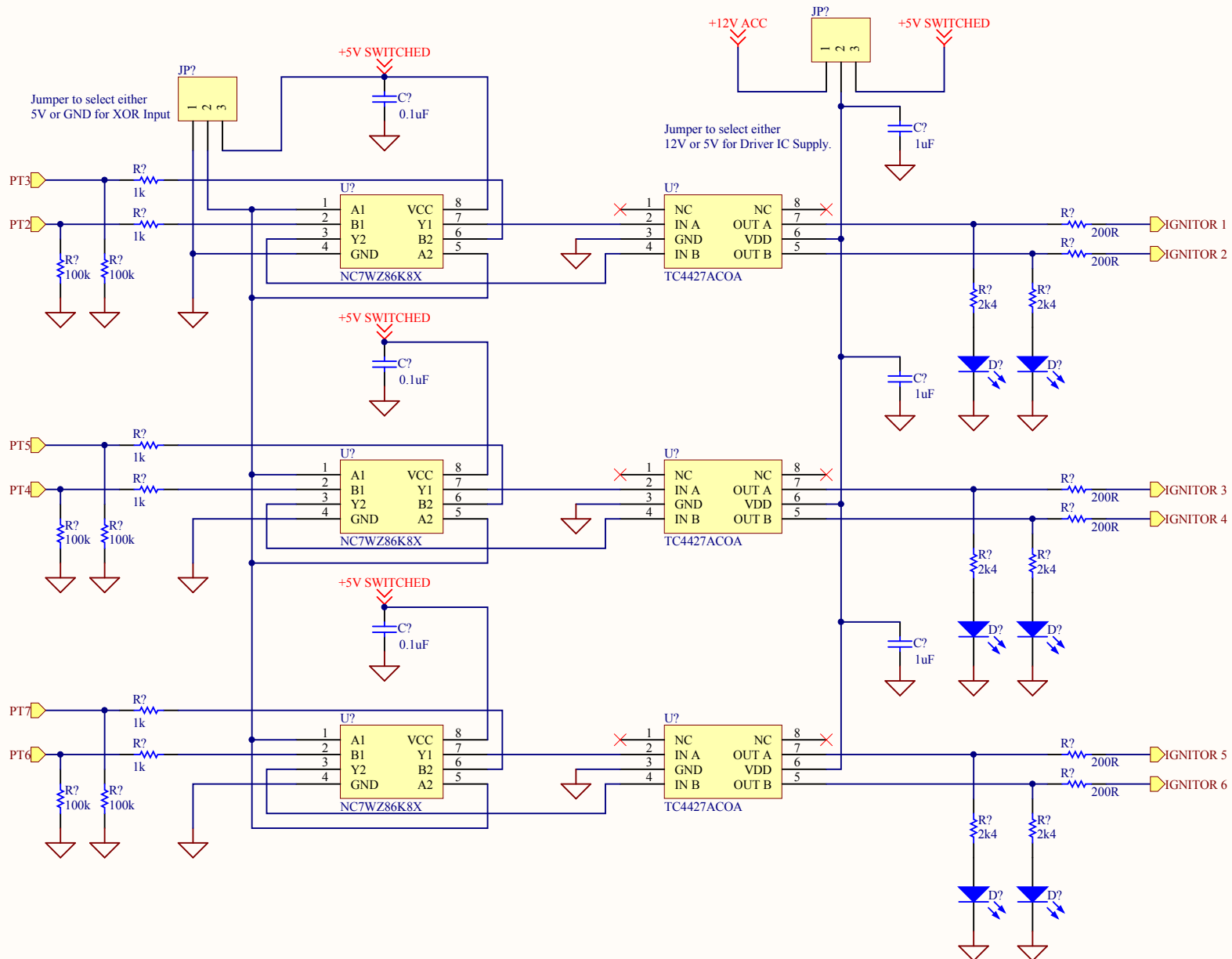
Sheet 8 of 16

Drawn By:  
Dan Visser**Altium**

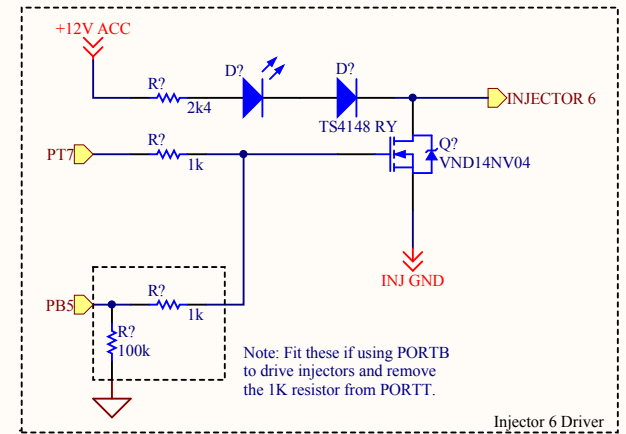
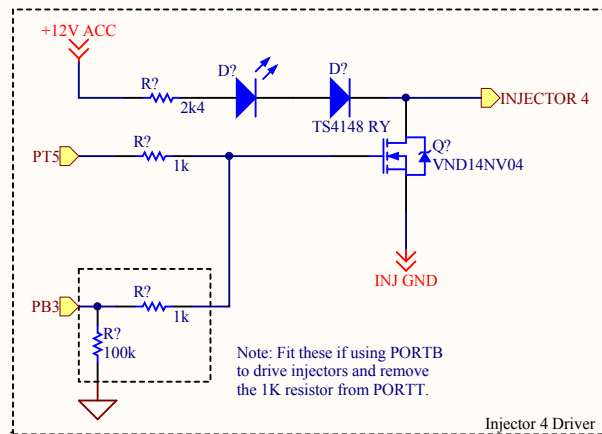
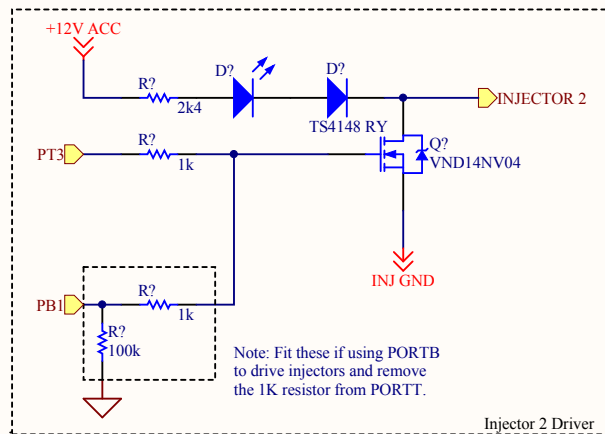
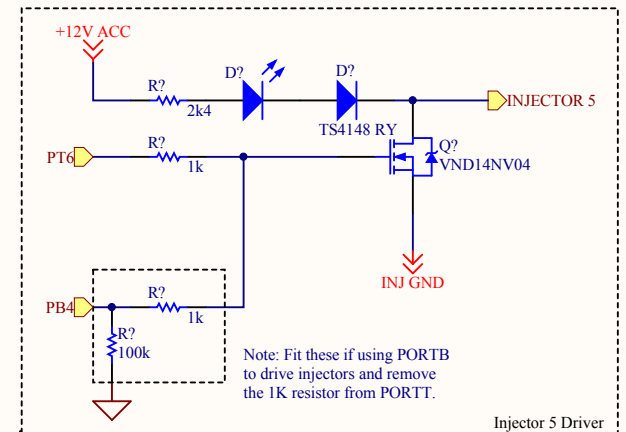
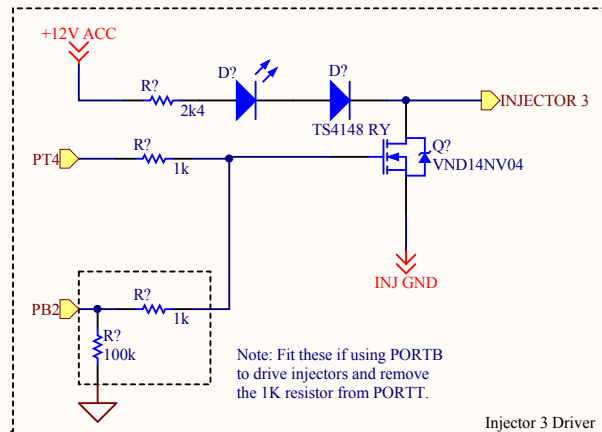
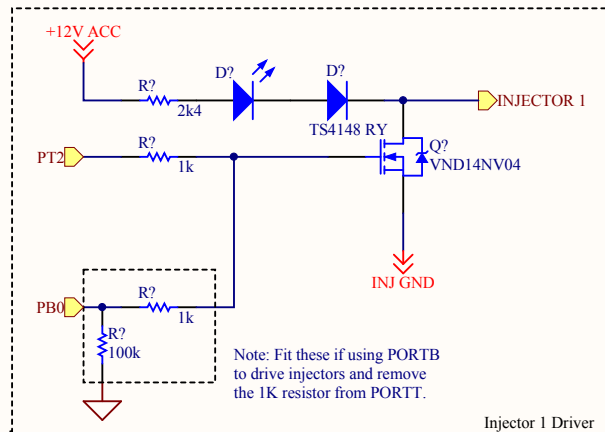


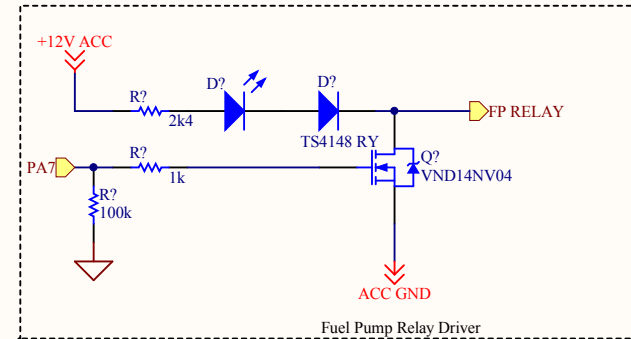
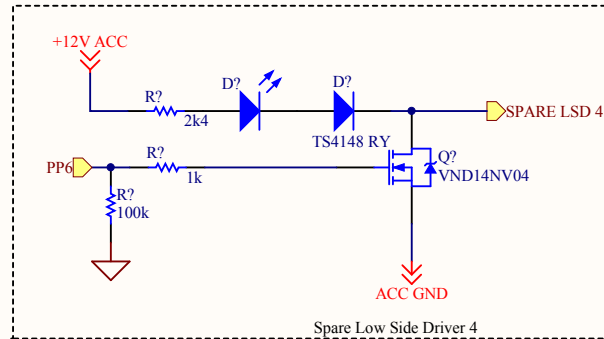
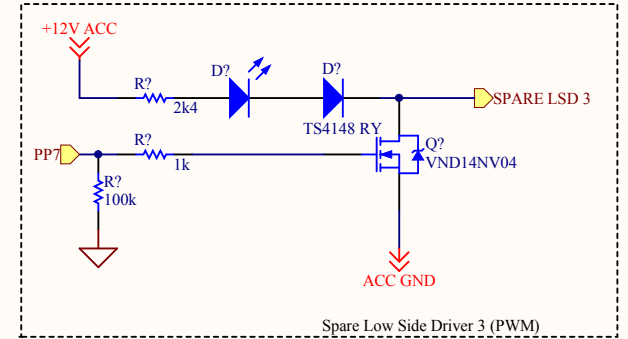
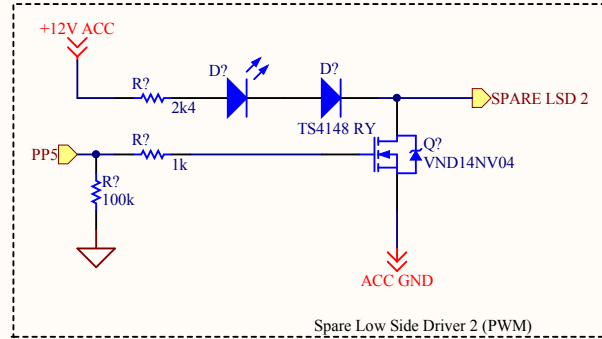
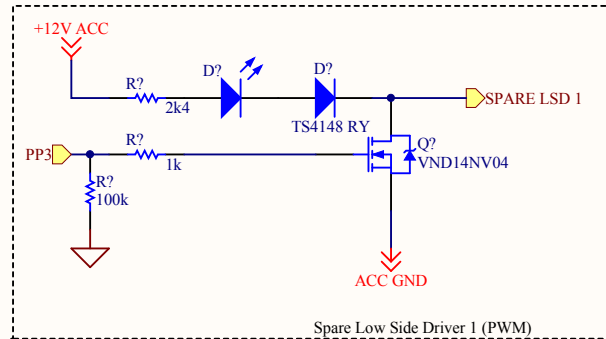


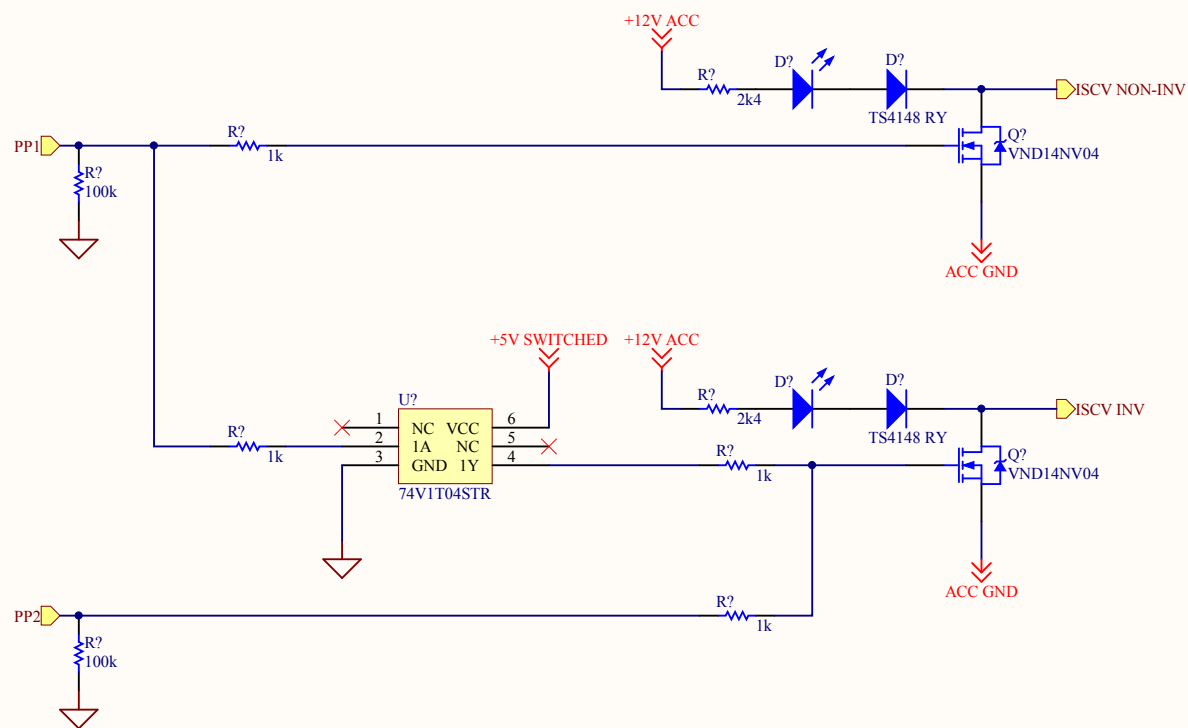
Title <b>Ravage - Knock Sensing</b>			Drawn By: Dan Visser	
Size: <b>A4</b>	Number: <b>A</b>	Revision: <b>0.2</b>		
Date: <b>30/01/2012</b>	Time: <b>10:09:16 AM</b>	Sheet <b>9</b> of <b>16</b>		




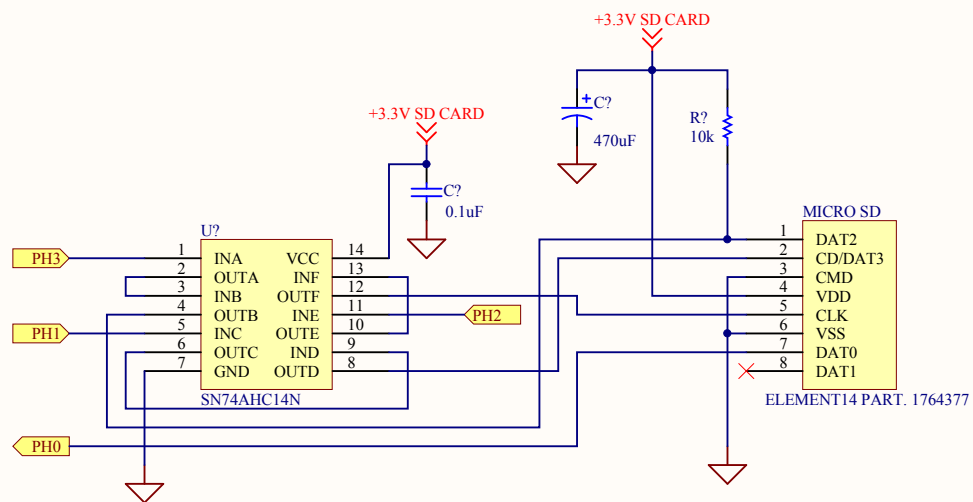
Title <b>Ravage - Ignitor Outputs</b>			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
Date: 30/01/2012	Time: 10:09:16 AM	Sheet 10 of 16		




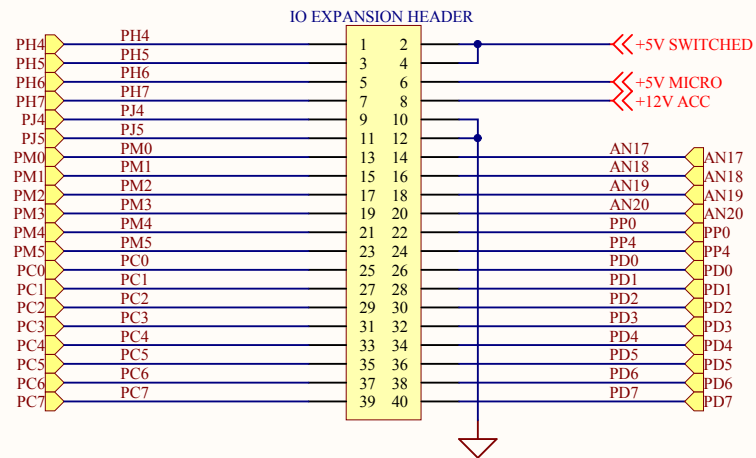




Title <b>Ravage - 3-Wire ISCV Driver</b>			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
Date: 30/01/2012	Time: 10:09:16 AM	Sheet 13 of 16		



Title <b>Ravage - SD Card Interface</b>			Drawn By: <i>Dan Visser</i>	
Size: <b>A4</b>	Number: <b>A</b>	Revision: <b>0.2</b>		
Date: <b>30/01/2012</b>	Time: <b>10:09:16 AM</b>	Sheet <b>14</b> of <b>16</b>		



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

