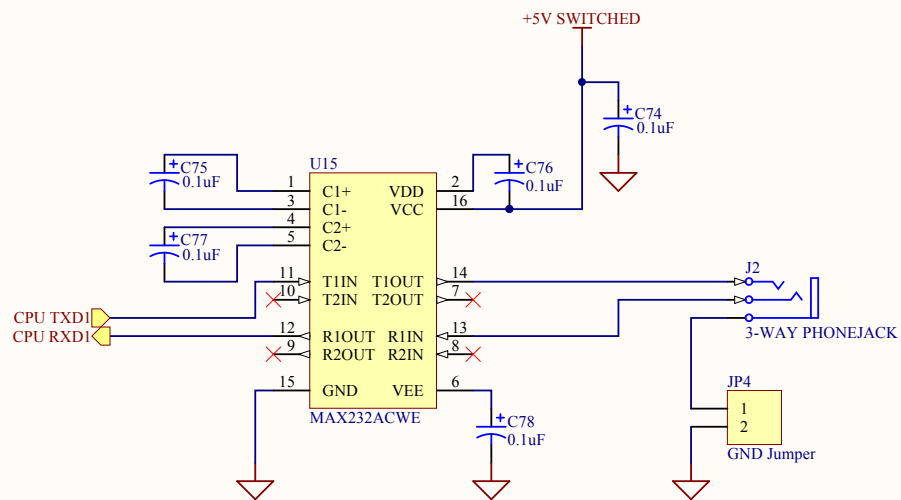

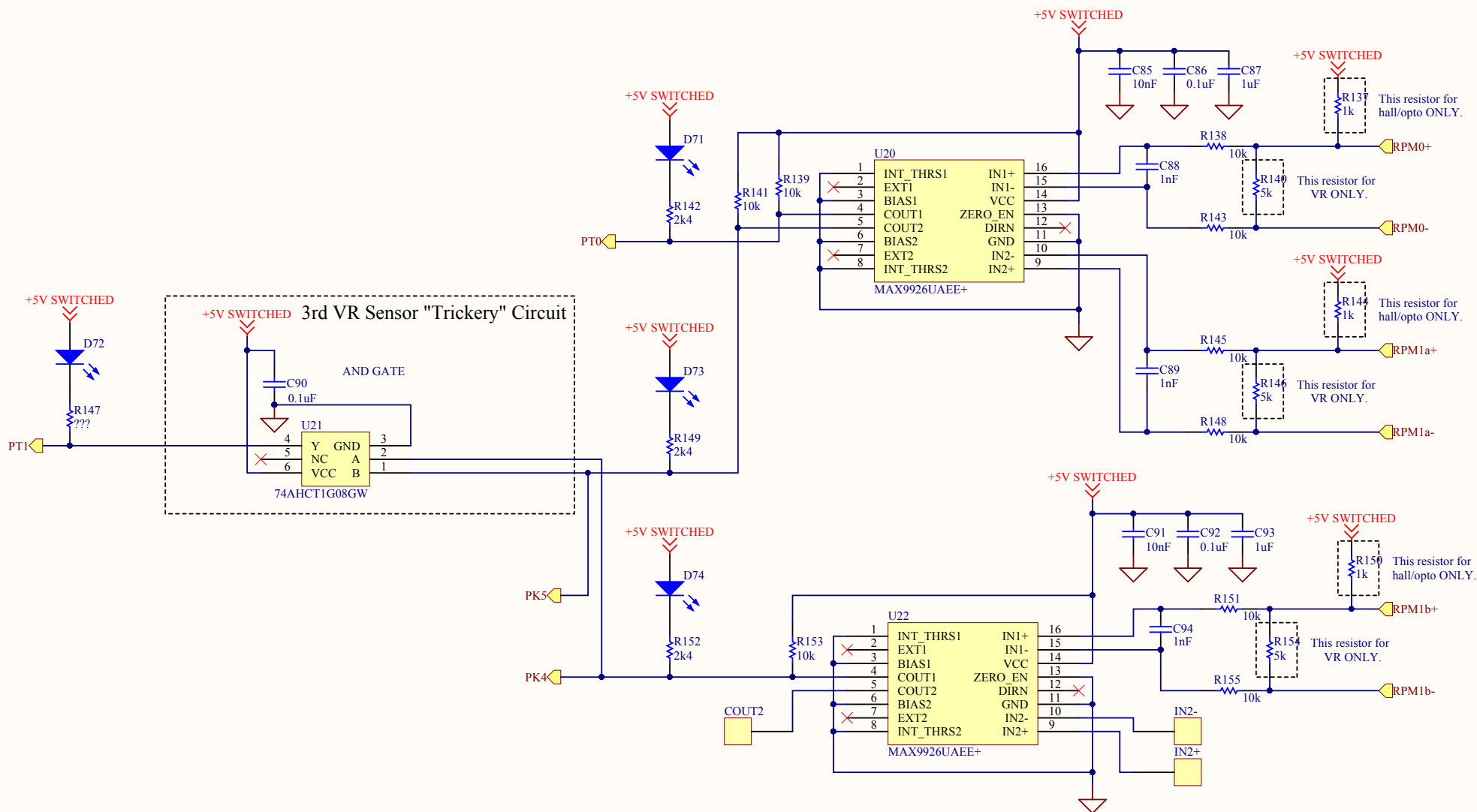



Title Ravage - USB Comms			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
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Title <i>Ravage - RS232 Comms</i>			Drawn By: <i>Dan Visser</i>	
Size: A4	Number: A	Revision: 0.2		
Date: 28/09/2012	Time: 11:01:37 PM	Sheet 4 of 16		



Title <i>Ravage - VR Interfaces</i>			Drawn By: <i>Dan Visser</i>	
Size: A4	Number: A	Revision: 0.2		
Date: 28/09/2012	Time: 11:01:37 PM	Sheet 5 of 16		

1

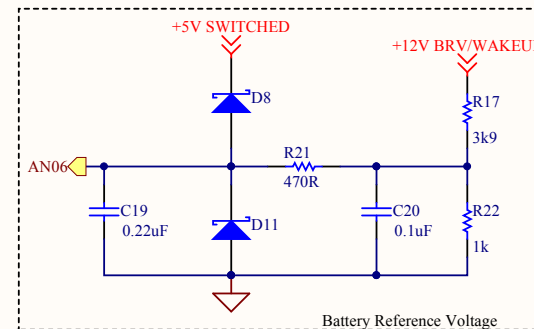
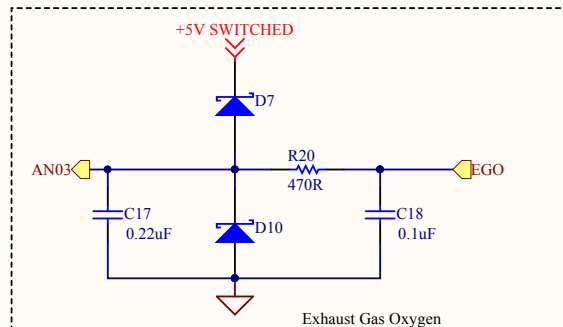
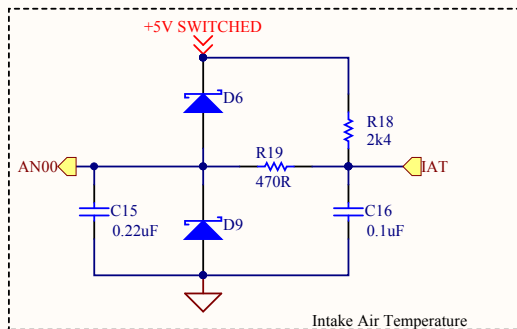
2

3

4

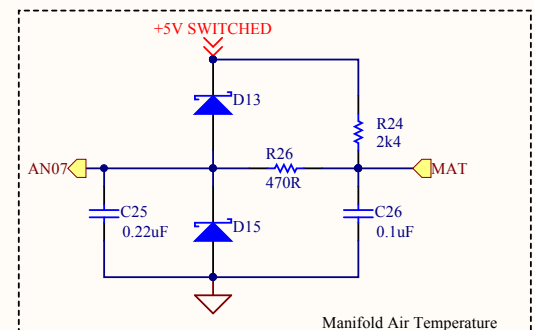
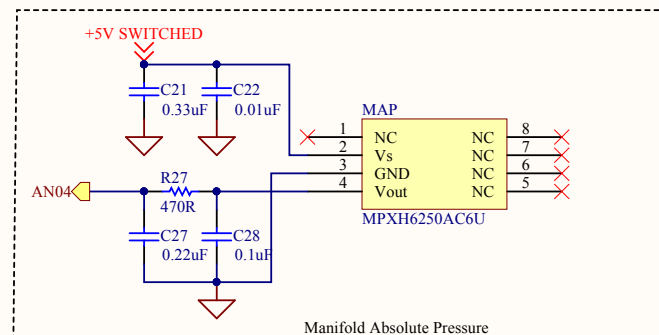
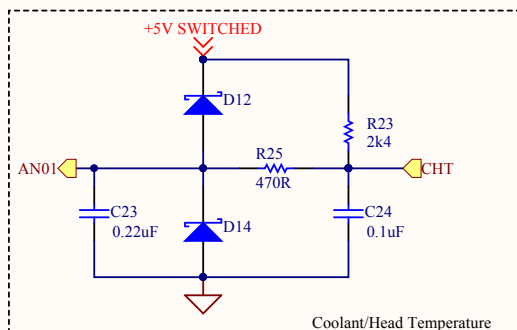
A

A



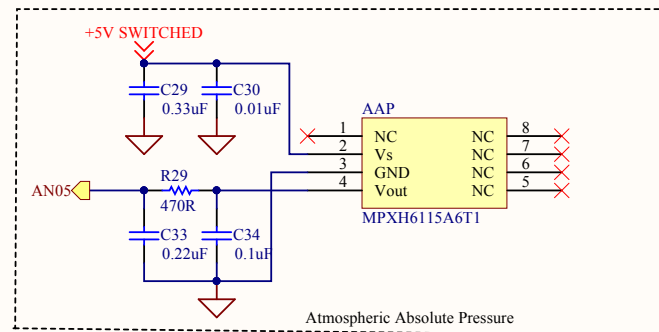
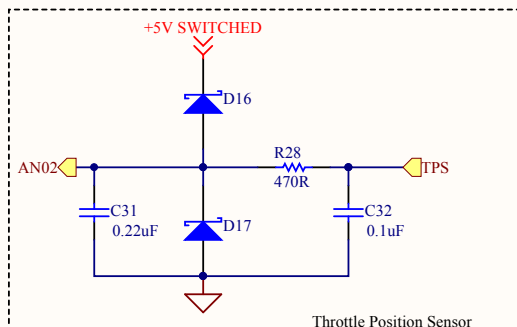
B

B



C

C



D

D

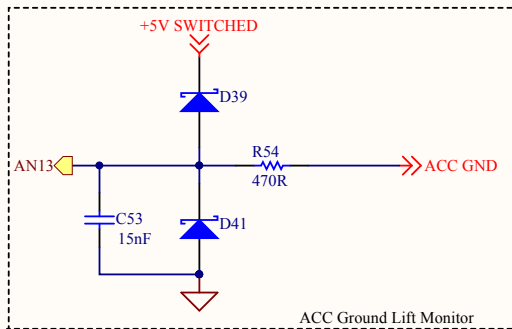
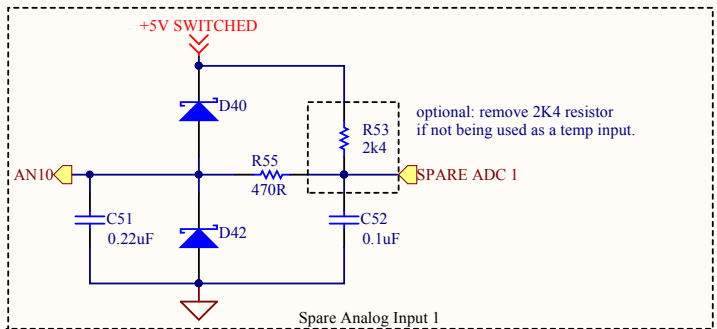
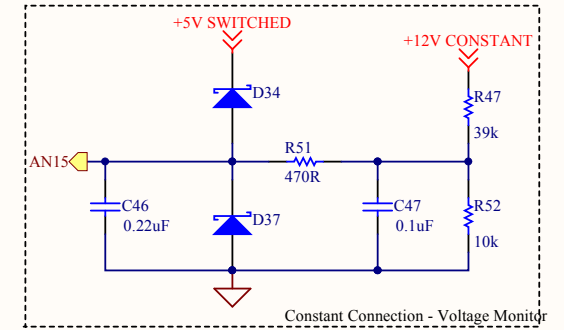
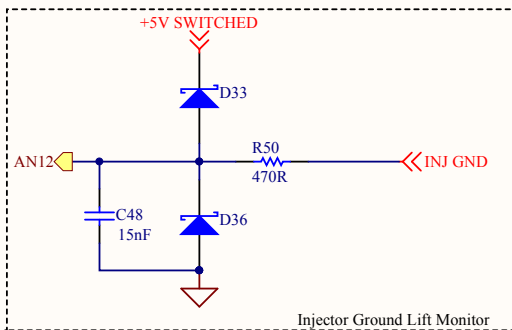
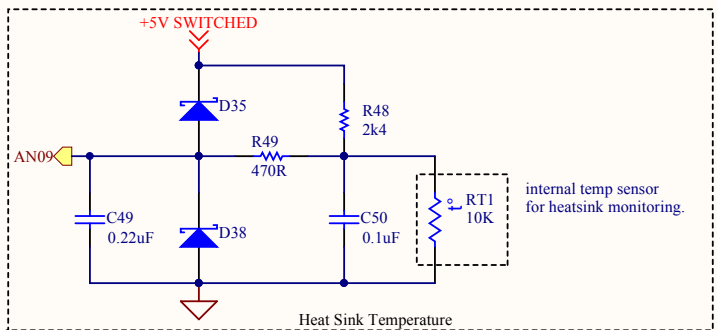
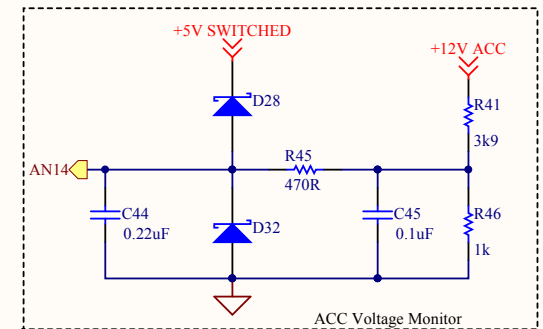
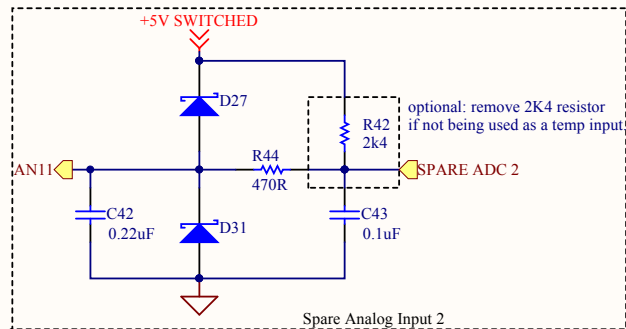
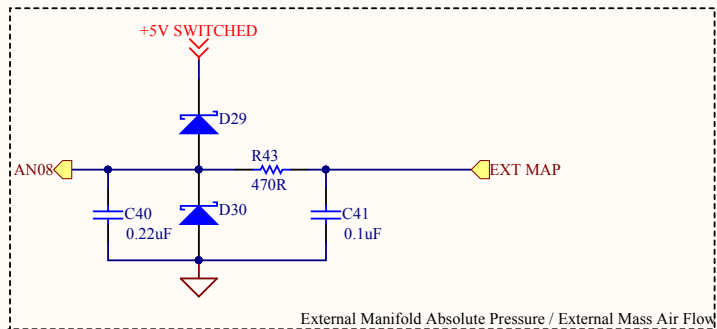
Title **Ravage - Core Analogue Inputs**Drawn By:
Dan VisserSize: **A4**Number: **A**Revision: **0.2**Date: **28/09/2012**Time: **11:01:37 PM** Sheet **6** of **16****Altium**


1

2

3

4



Title <i>Ravage - Extra Analogue Inputs</i>			Drawn By: <i>Dan Visser</i>	
Size: A4	Number: A	Revision: 0.2		
Date: 28/09/2012	Time: 11:01:38 PM Sheet 7 of 16			

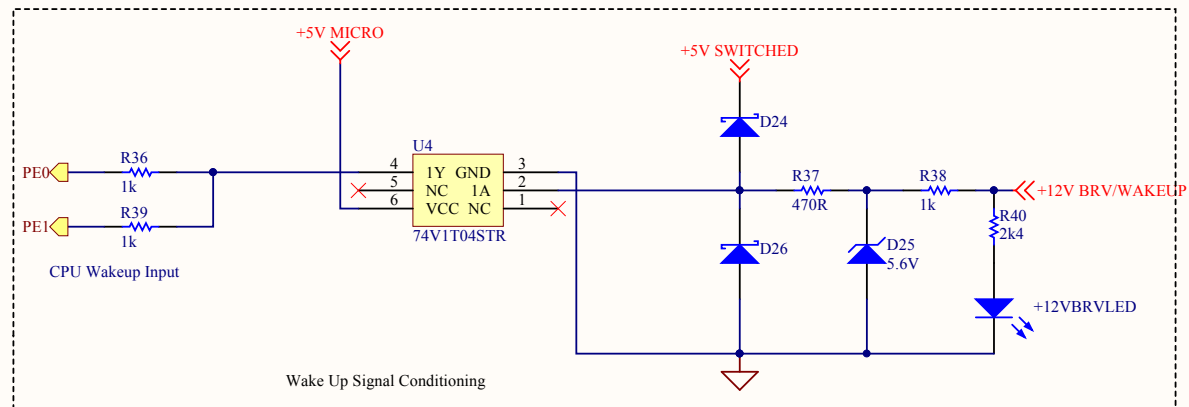
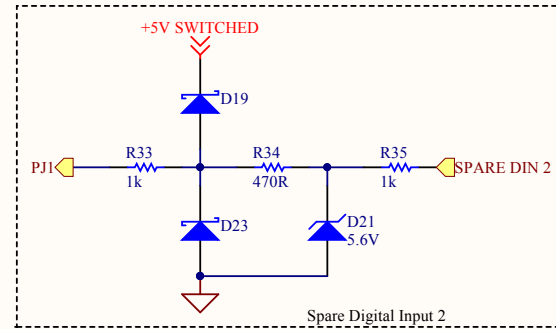
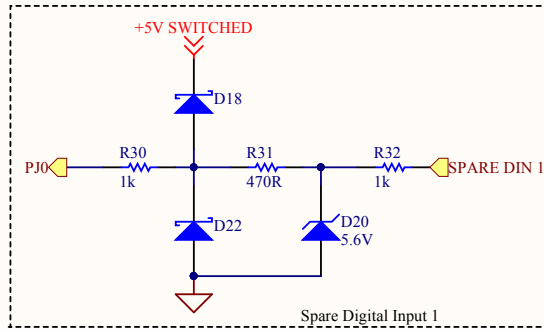
1

2

3

4

All inputs 12V capable.

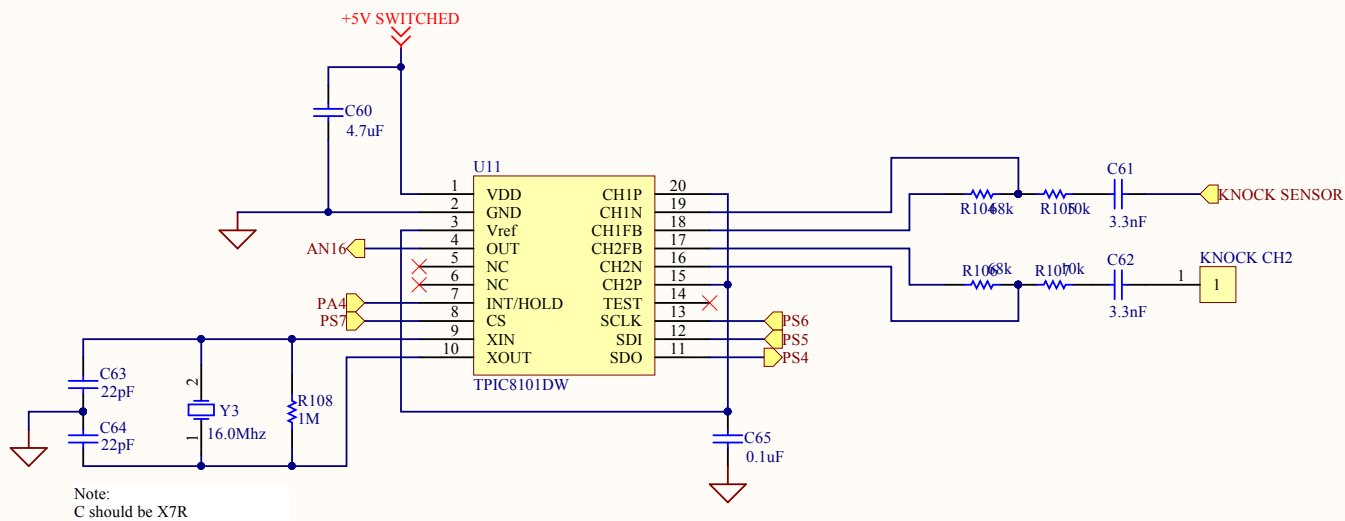
Title **Ravage - Digital Inputs**Size: **A4**Number: **A**Revision: **0.2**Date: **28/09/2012**Time: **11:01:38 PM** Sheet **8** of **16**Drawn By:
Dan Visser


1

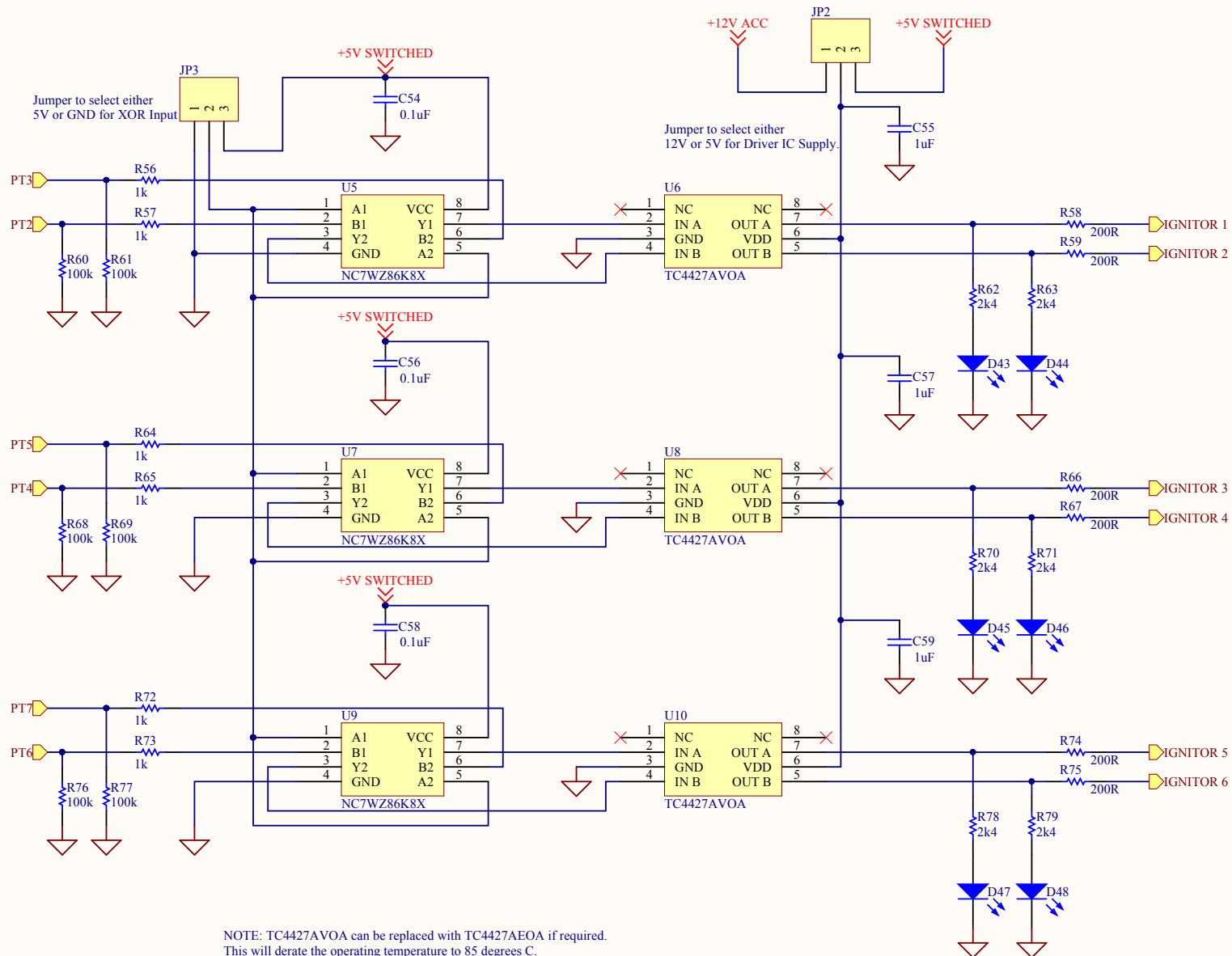
2


3

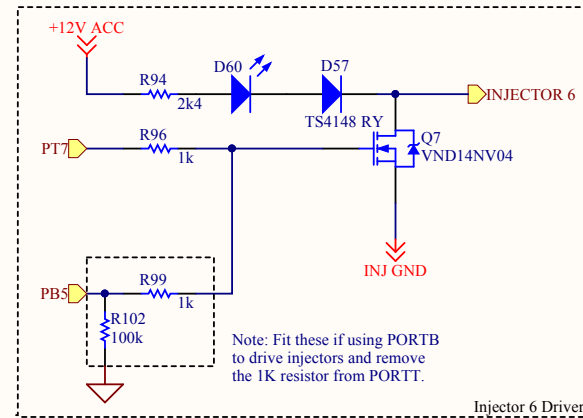
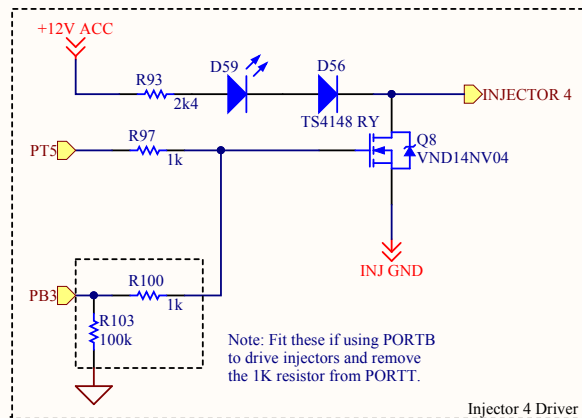
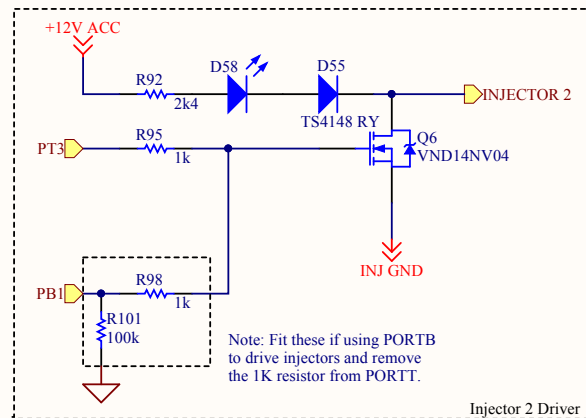
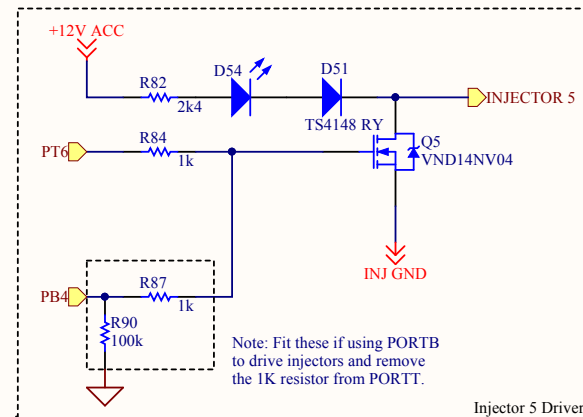
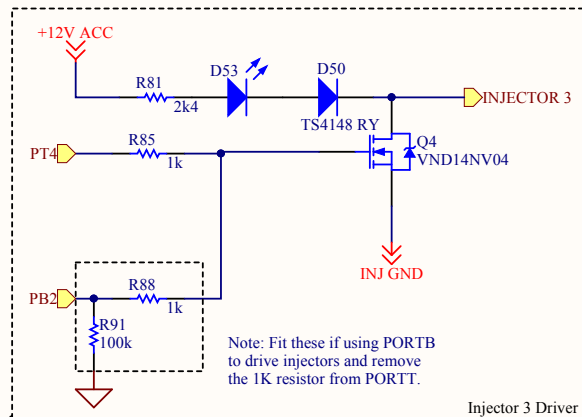
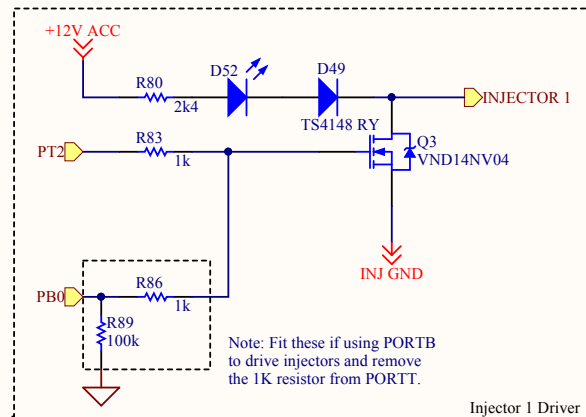
4



Title Ravage - Knock Sensing			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
Date: 28/09/2012	Time: 11:01:38 PM	Sheet 9 of 16		



Title <i>Ravage - Ignitor Outputs</i>			Drawn By: <i>Dan Visser</i>	
Size: A4	Number: A	Revision: 0.2		
Date: 28/09/2012	Time: 11:01:38 PM	Sheet 10 of 16		



Title **Ravage - Injectors**

Size: **A4**

Number: **A**

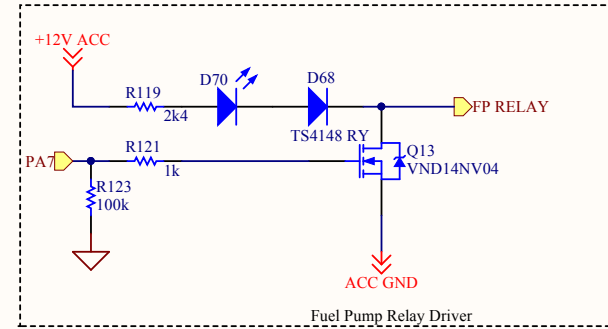
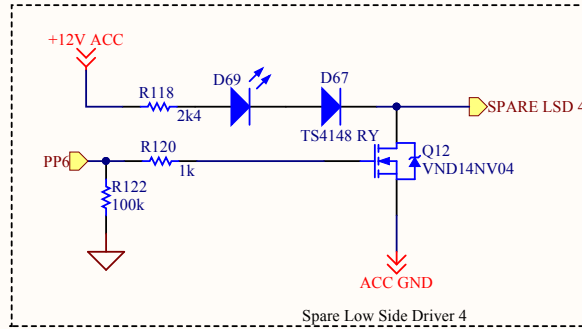
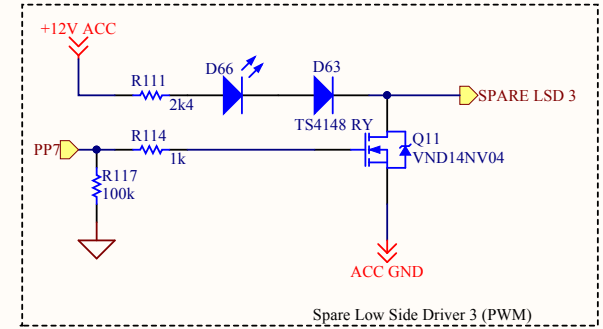
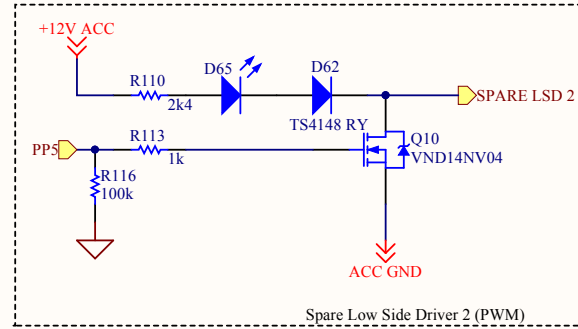
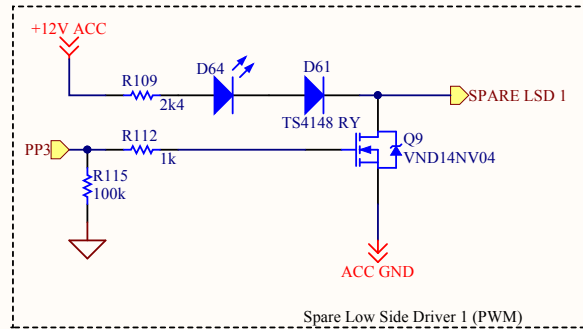
Revision: **0.2**

Date: **28/09/2012**

Time: **11:01:38 PM** Sheet **11** of **16**

Drawn By:
Dan Visser

Altium



Title **Ravage - Low Side Drivers**

Size: **A4**

Number: **A**

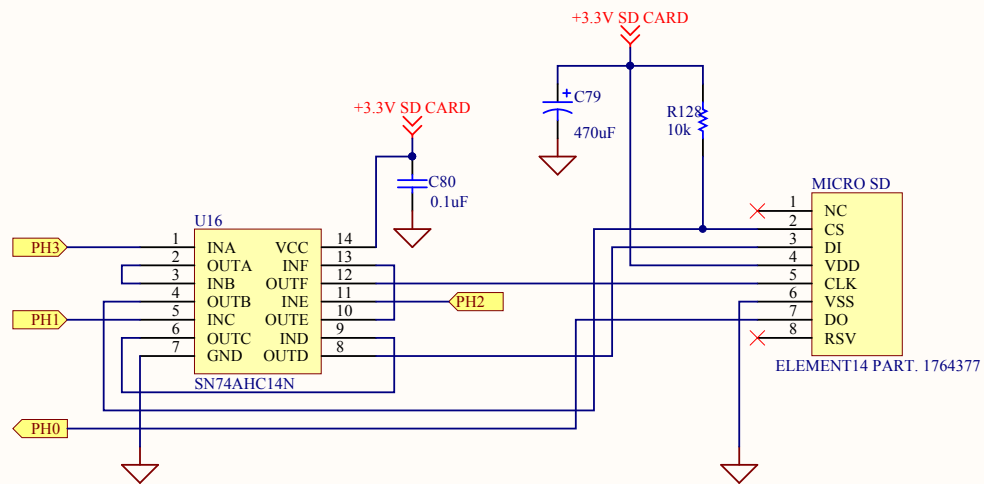
Revision: **0.2**


Date: **28/09/2012**

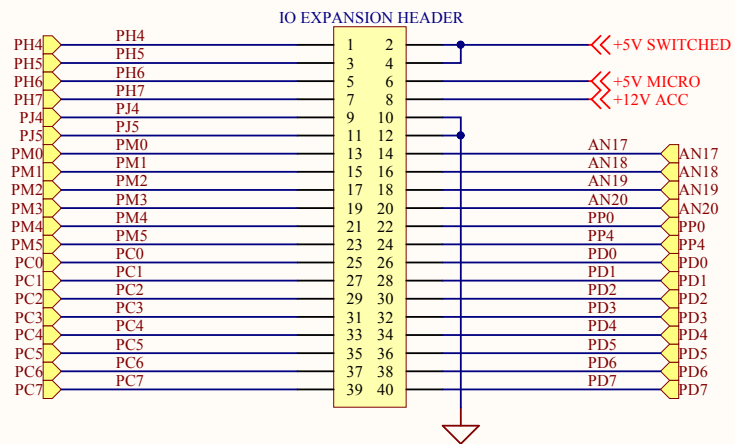
Time: **11:01:38 PM** Sheet **12** of **16**

Drawn By:
Dan Visser





Title <i>Ravage - SD Card Interface</i>			Drawn By: <i>Dan Visser</i>	
Size: A4	Number: A	Revision: 0.2		
Date: 28/09/2012	Time: 11:01:39 PM	Sheet 14 of 16		



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

