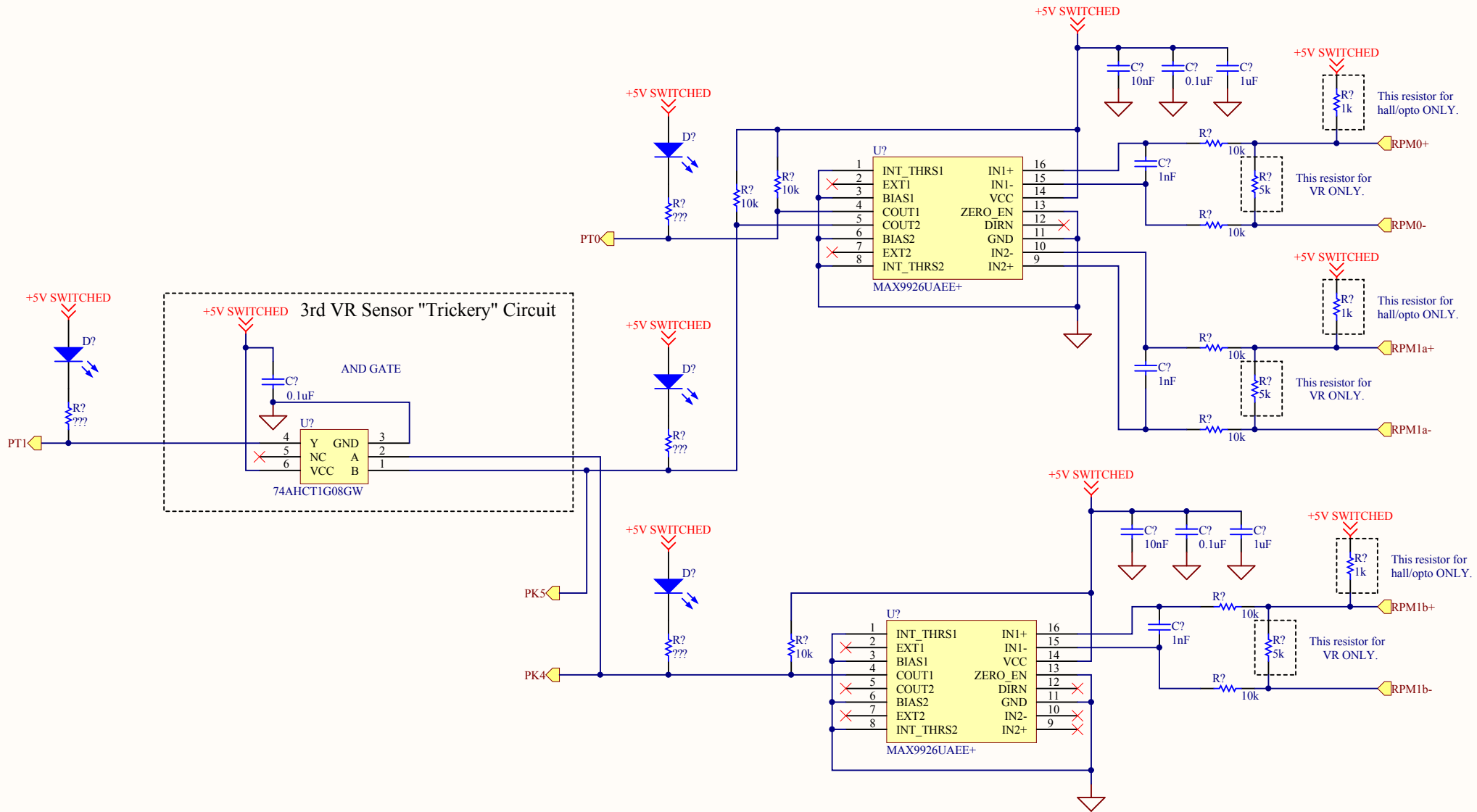


Title <b>Ravage - RS232 Comms</b>			Drawn By: Dan Visser	
Size: <b>A4</b>	Number: <b>A</b>	Revision: <b>0.2</b>		
Date: <b>30/04/2012</b>	Time: <b>10:10:26 PM</b>	Sheet <b>4</b> of <b>16</b>		

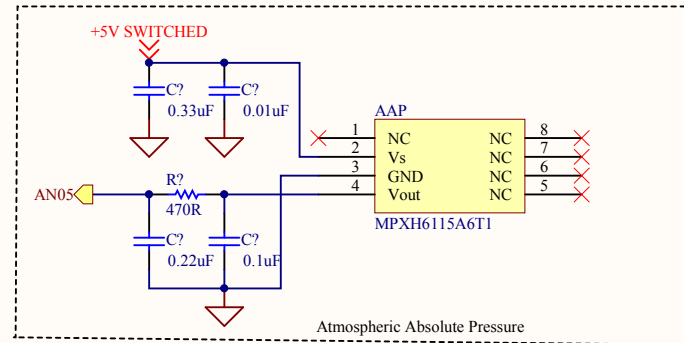
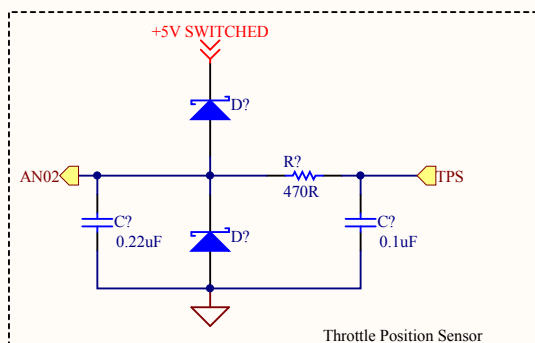
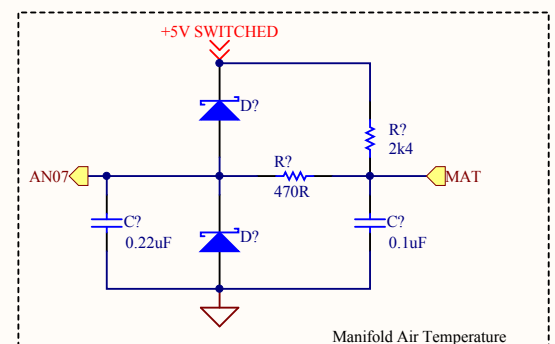
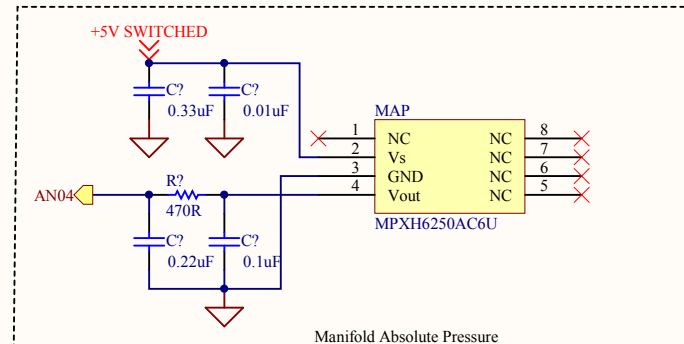
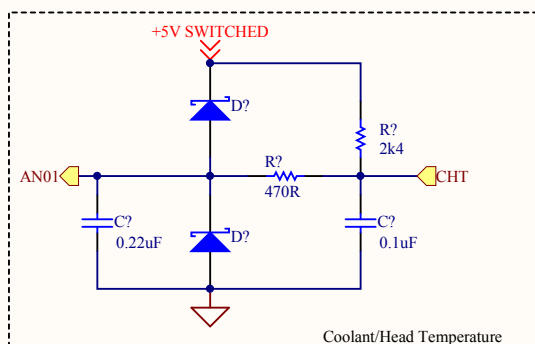
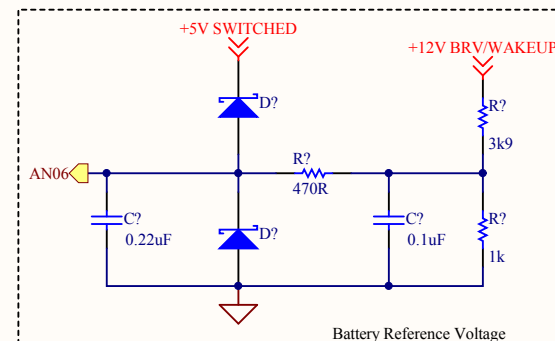
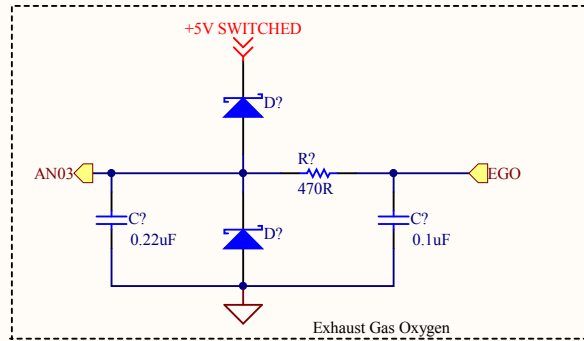
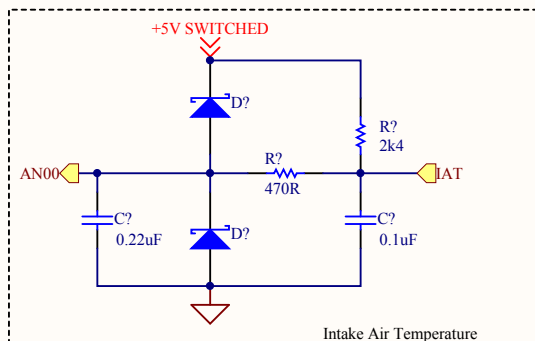


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SENSOR GND

Title **Ravage - Core Analogue Inputs**

Size: **A4**

Number: **A**

Revision: **0.2**

Date: **30/04/2012** Time: **10:10:26 PM** Sheet **6** of **16**

Drawn By:  
Dan Visser

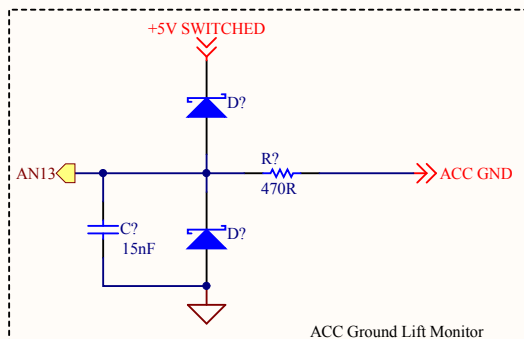
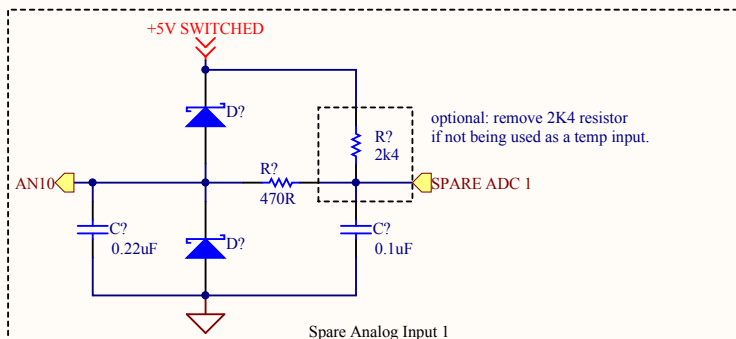
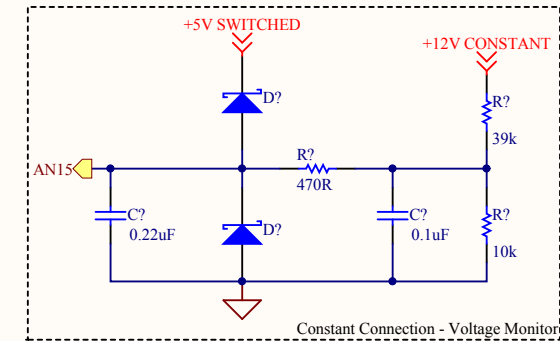
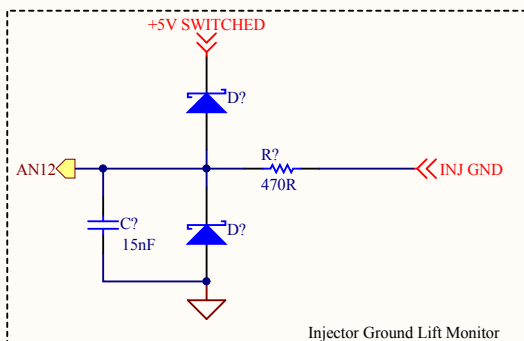
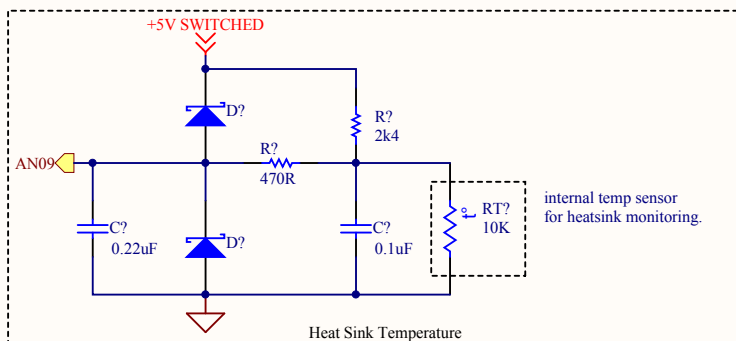
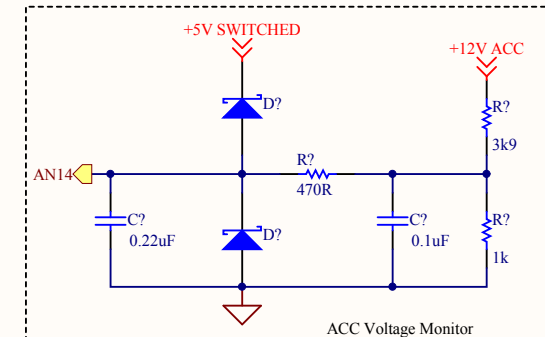
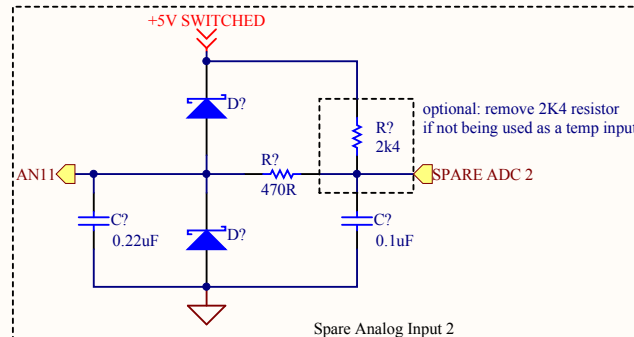
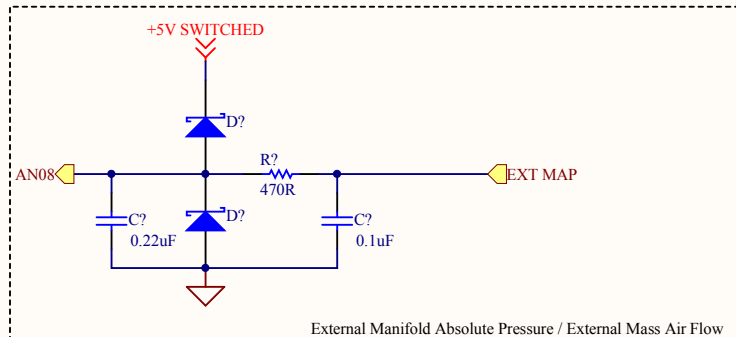
**Altium**

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Title **Ravage - Extra Analogue Inputs**

Size: **A4**

Number: **A**

Revision: **0.2**

Date: **30/04/2012**

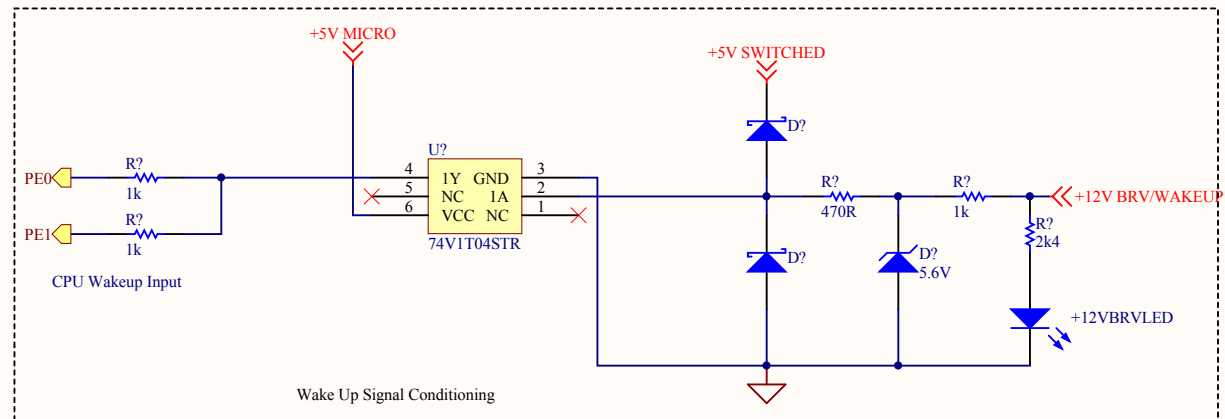
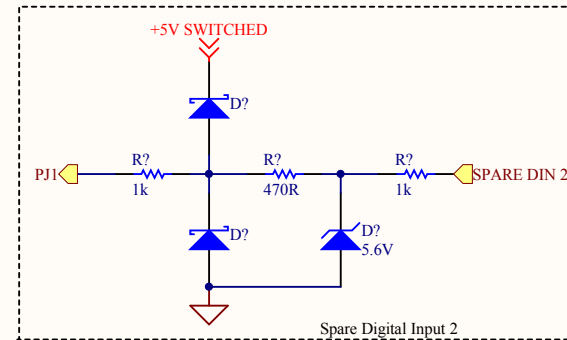
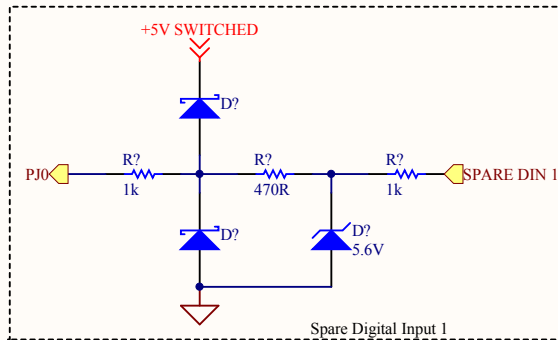
Time: **10:10:26 PM**

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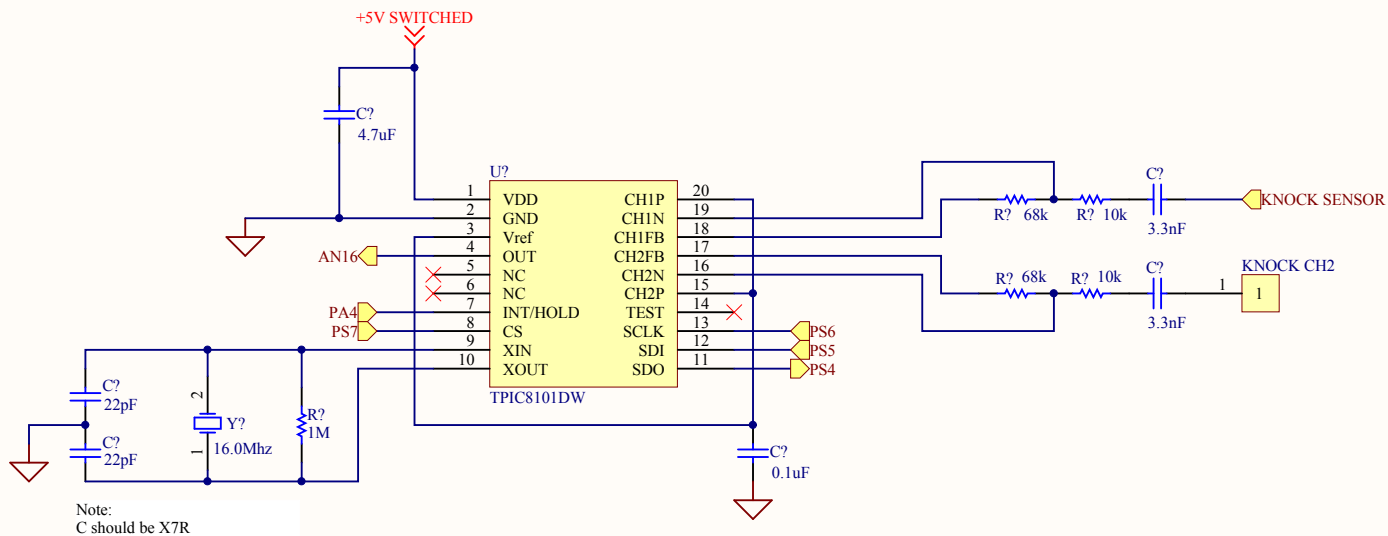
Drawn By:  
**Dan Visser**




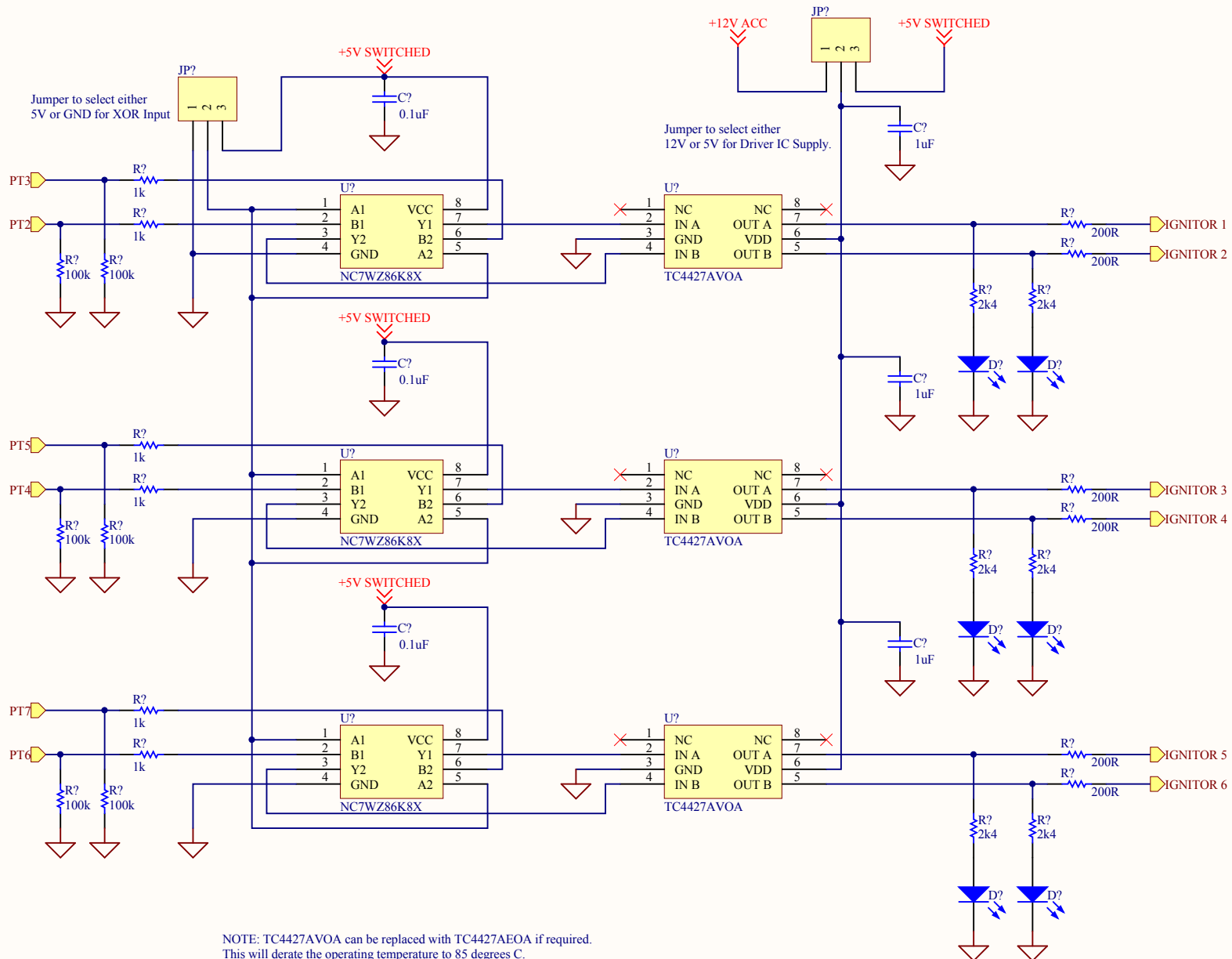
All inputs 12V capable.

Title **Ravage - Digital Inputs**Size: **A4**Number: **A**Revision: **0.2**Date: **30/04/2012** Time: **10:10:26 PM** Sheet **8** of **16**Drawn By:  
**Dan Visser****Altium**

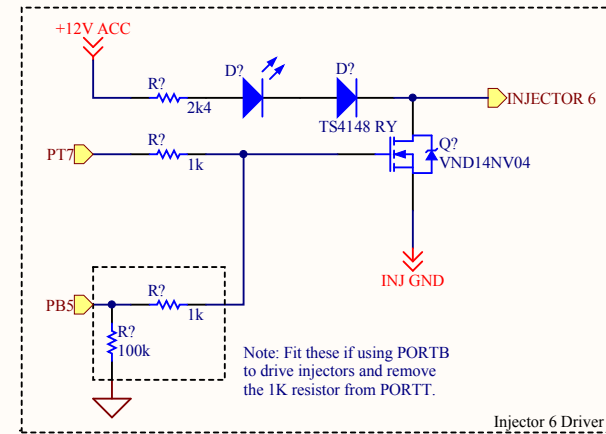
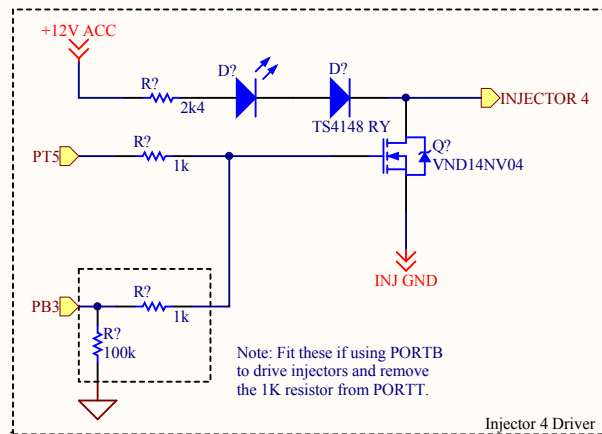
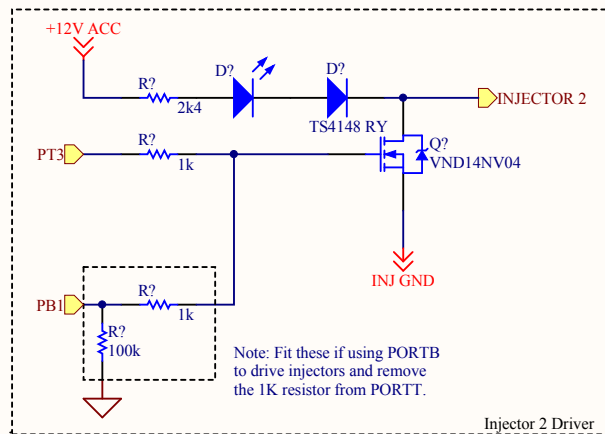
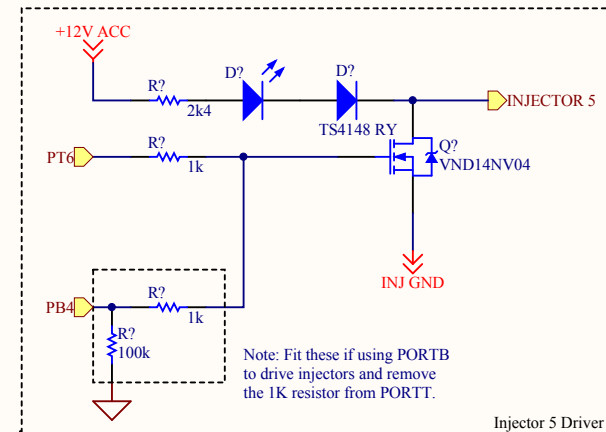
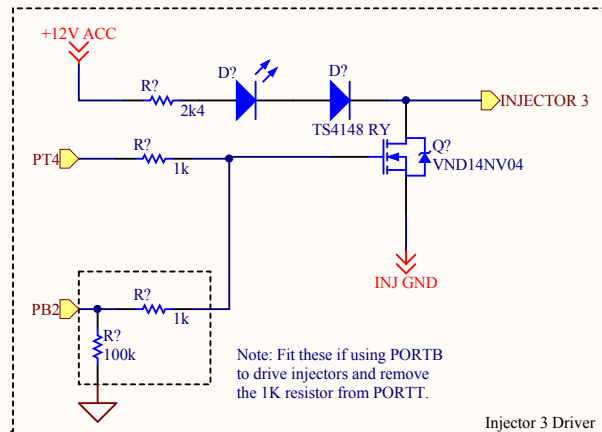
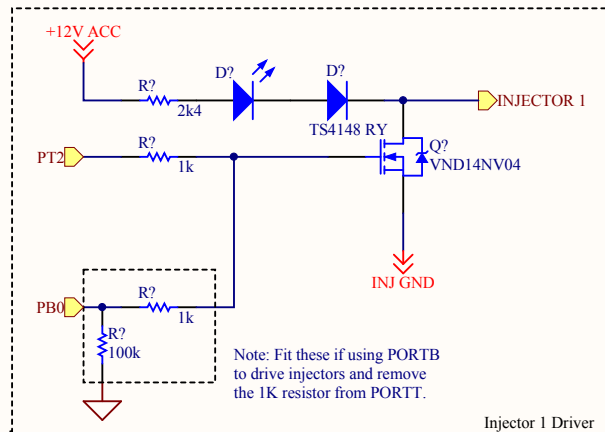


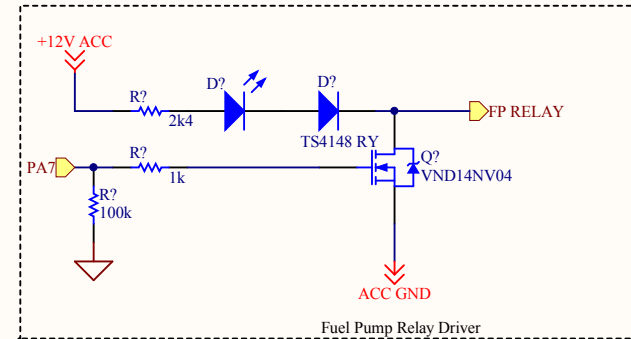
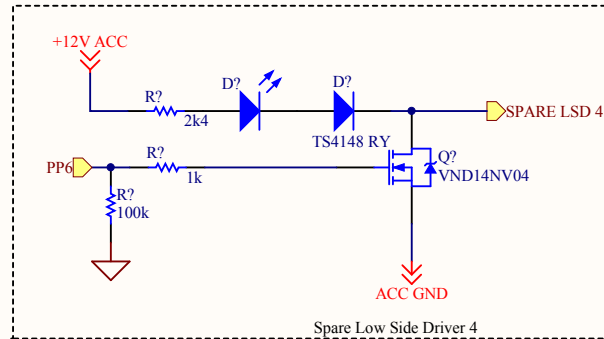
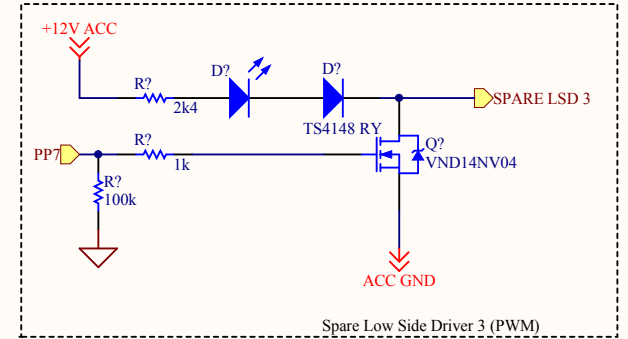
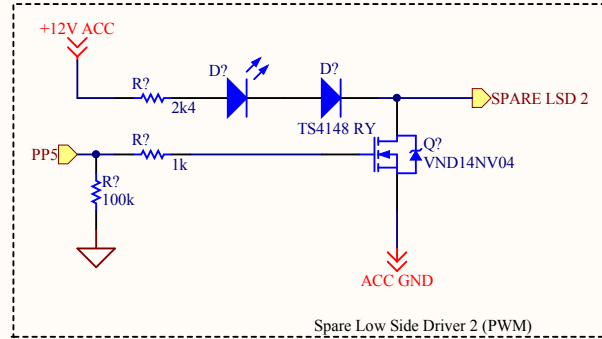
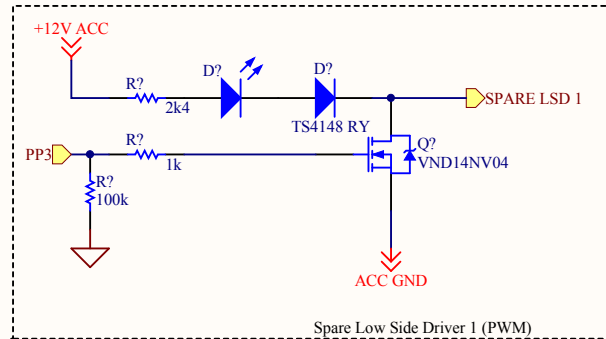


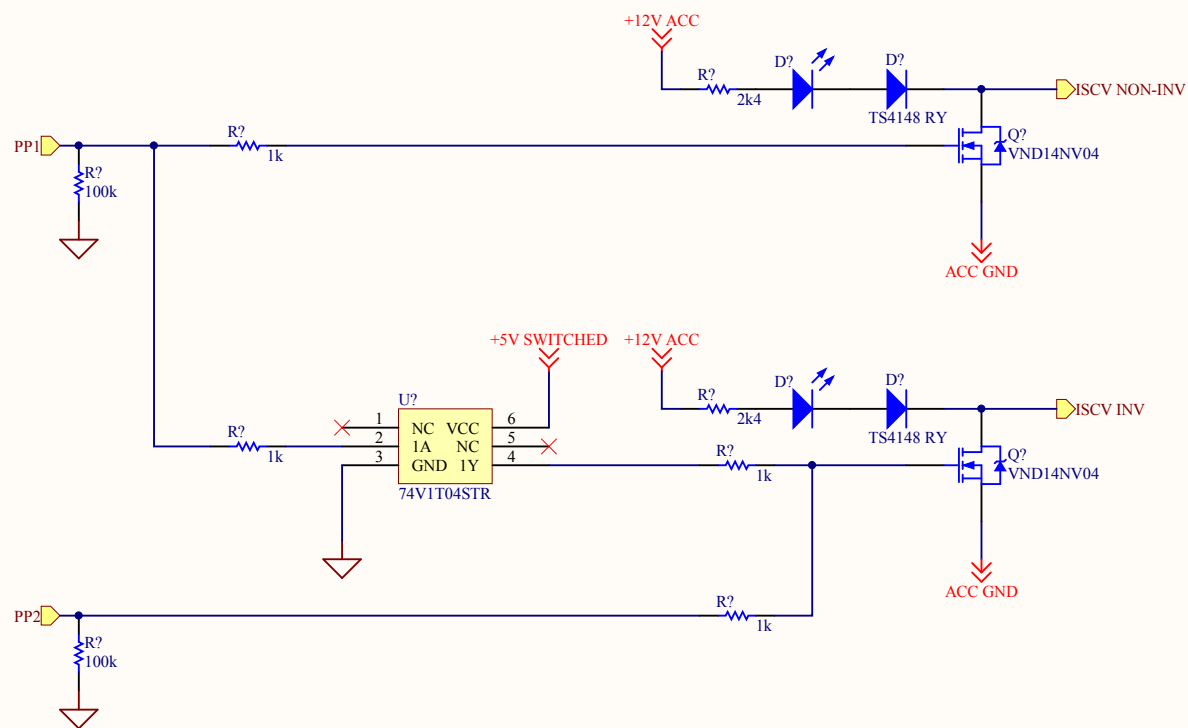
Title <b>Ravage - Knock Sensing</b>			Drawn By: <i>Dan Visser</i> 
Size: <b>A4</b>	Number: <b>A</b>	Revision: <b>0.2</b>	
Date: <b>30/04/2012</b>	Time: <b>10:10:26 PM</b>	Sheet <b>9</b> of <b>16</b>	



Title <b>Ravage - Ignitor Outputs</b>			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
Date: 30/04/2012	Time: 10:10:26 PM	Sheet 10 of 16		







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

Size: A4

Number: A

Revision: 0.2

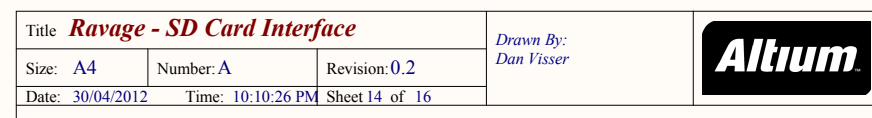
Date: 30/04/2012

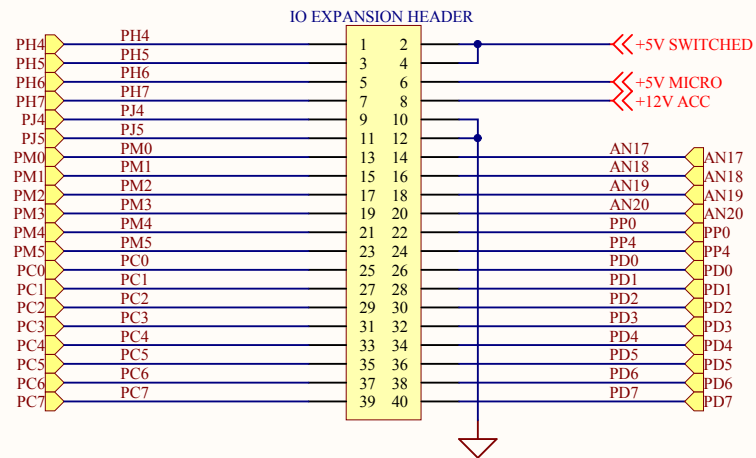
Time: 10:10:26 PM

Sheet 13 of 16

Drawn By:  
Dan Visser

**Altium**





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

CON?

MOLEX 36638-0002

A1 A2 A3 A4 B1 B2 B3 B4 C1 C2 C3 C4 D1 D2 D3 D4 E1 E2 E3 E4 F1 F2 F3 F4 G1 G2 G3 G4 H1 H2 H3 H4 J1 J2 J3 J4 K1 K2 K3 K4 L1 L2 L3 L4 M1 M2 M3 M4

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48

