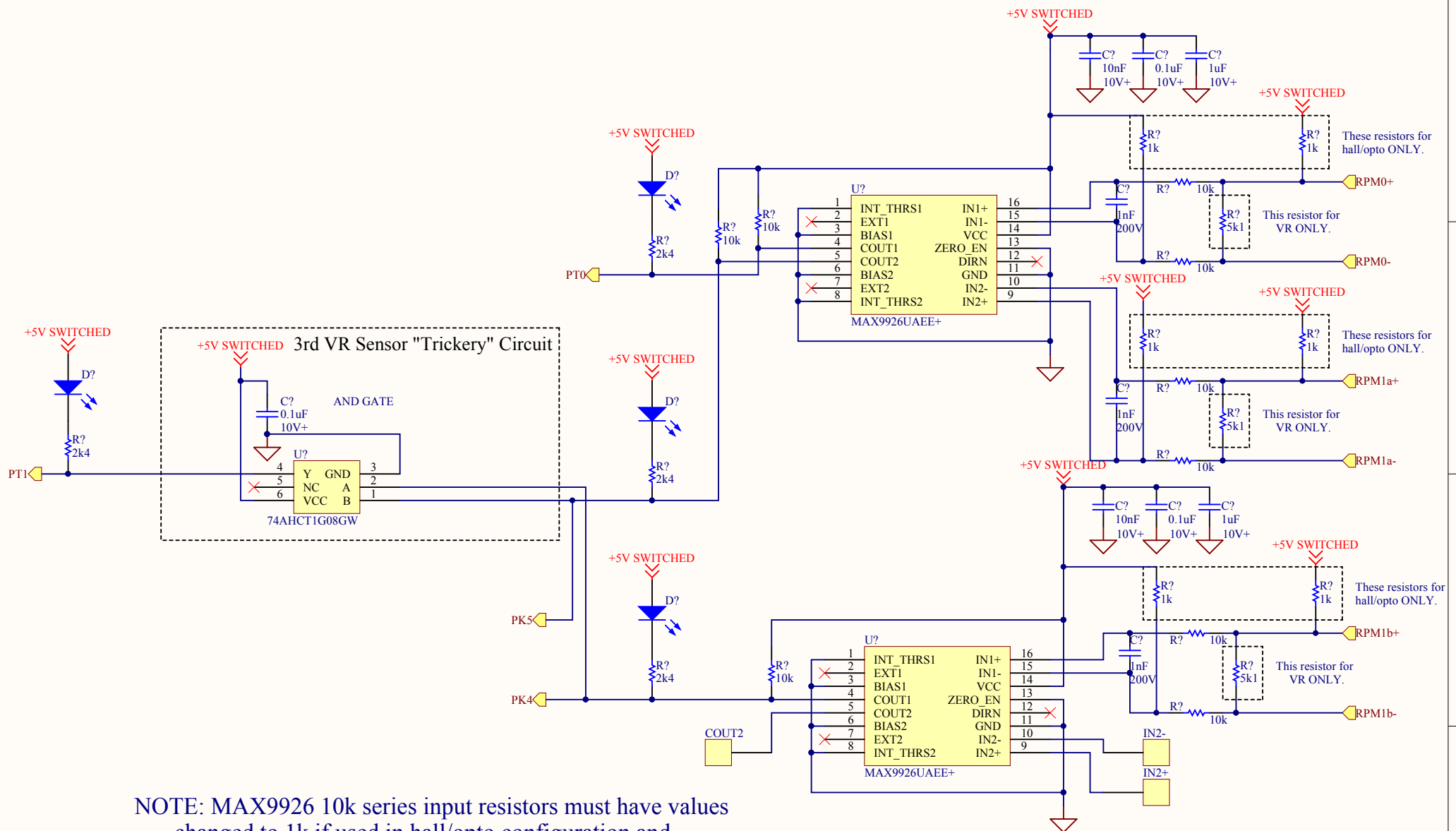

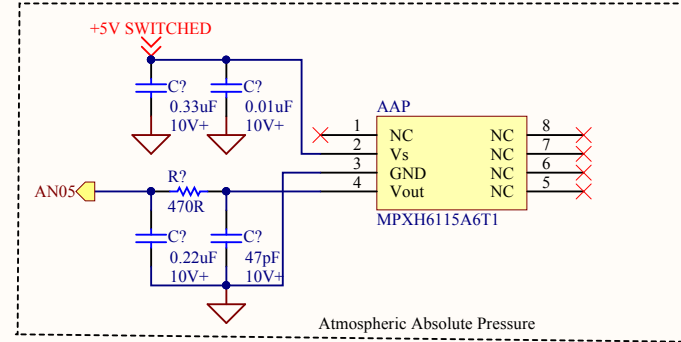
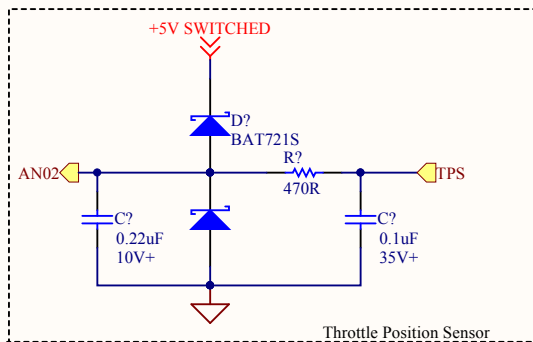
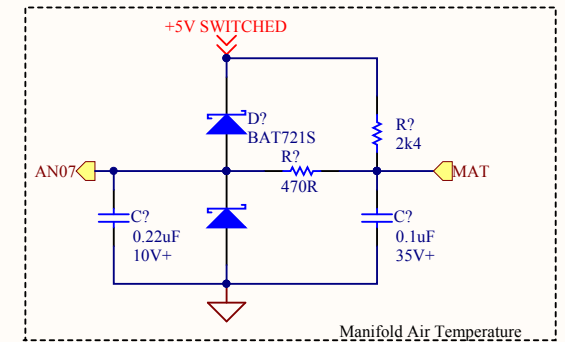
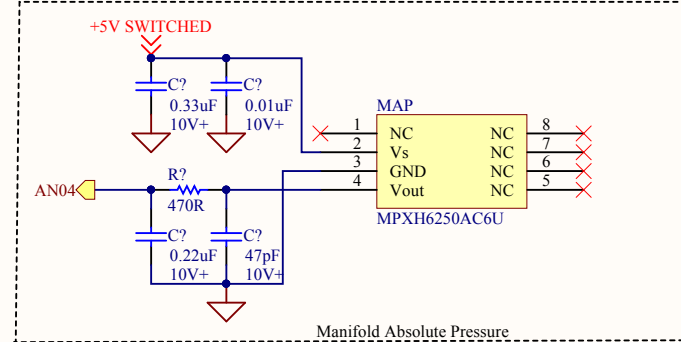
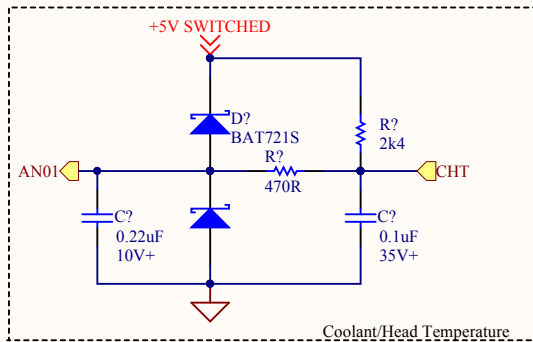
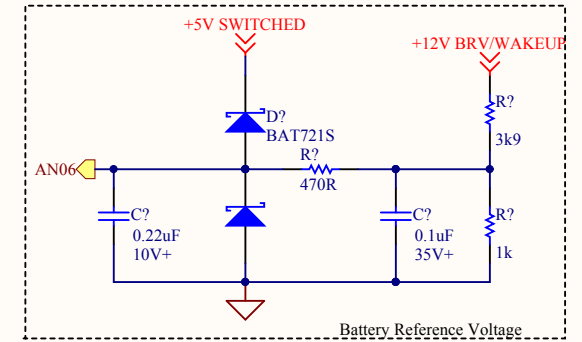
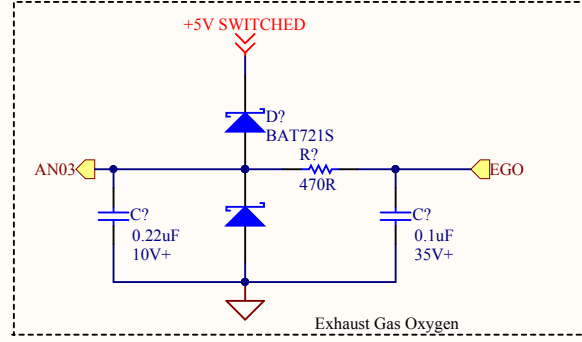
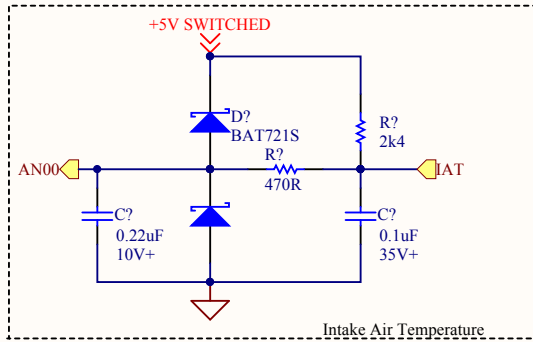


Title Ravage - RS232 Comms			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
Date: 14/02/2013	Time: 10:02:16 PM	Sheet 4 of 16		



NOTE: MAX9926 10k series input resistors must have values changed to 1k if used in hall/opto configuration and the RPM0- inputs must also be externally grounded.

Title Ravage - VR Interfaces			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
Date: 14/02/2013	Time: 10:02:16 PM	Sheet 5 of 16		



SENSOR GND

Title **Ravage - Core Analogue Inputs**

Size: A4

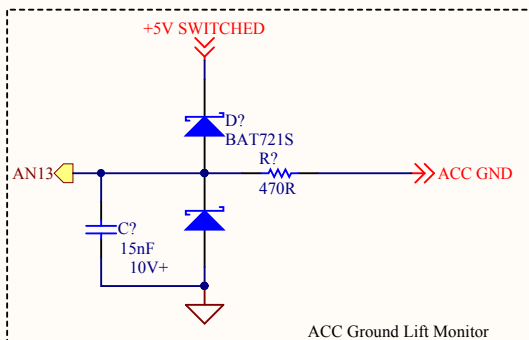
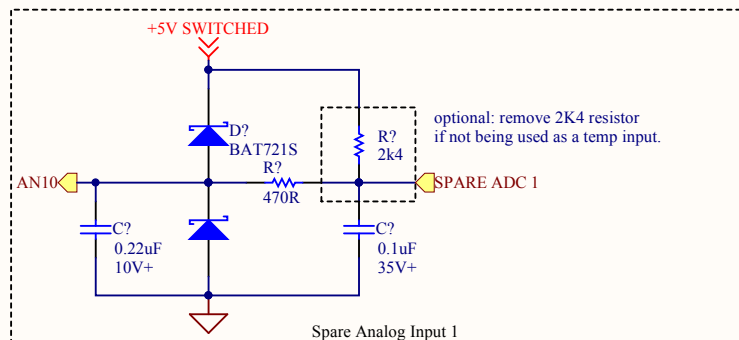
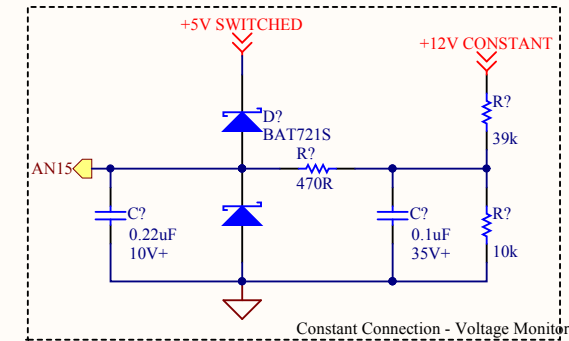
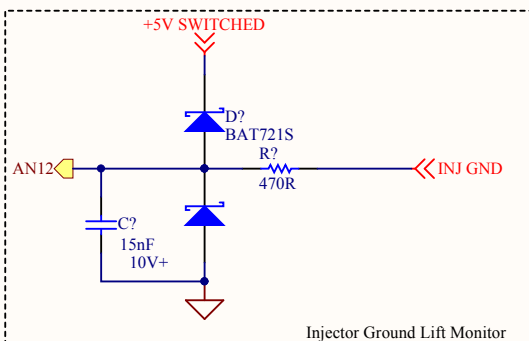
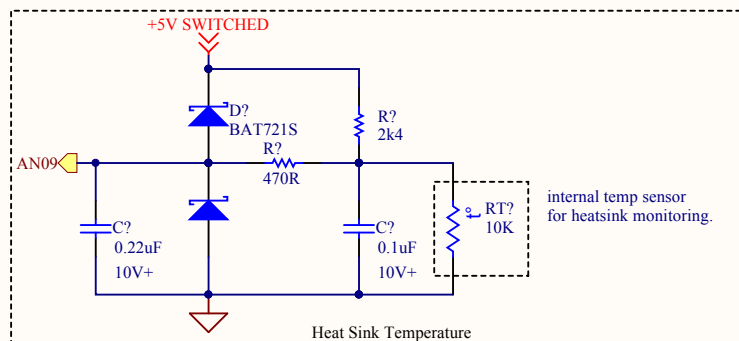
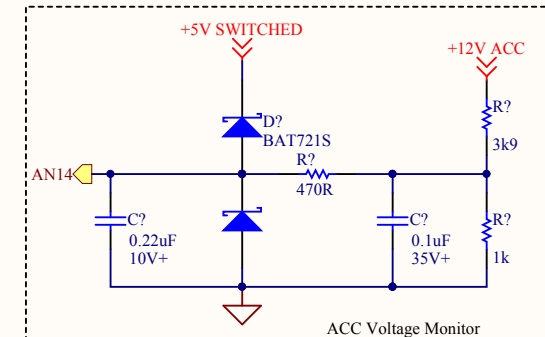
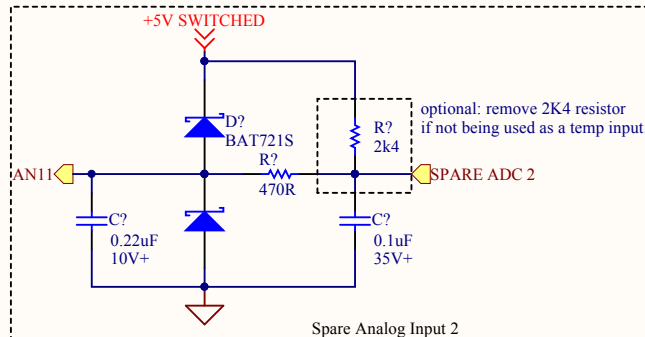
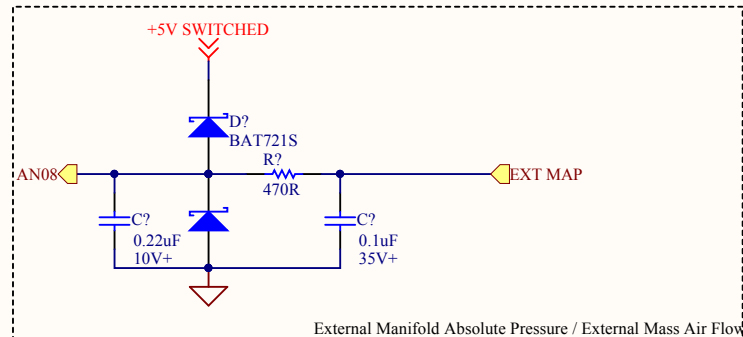
Number: A

Revision: 0.2

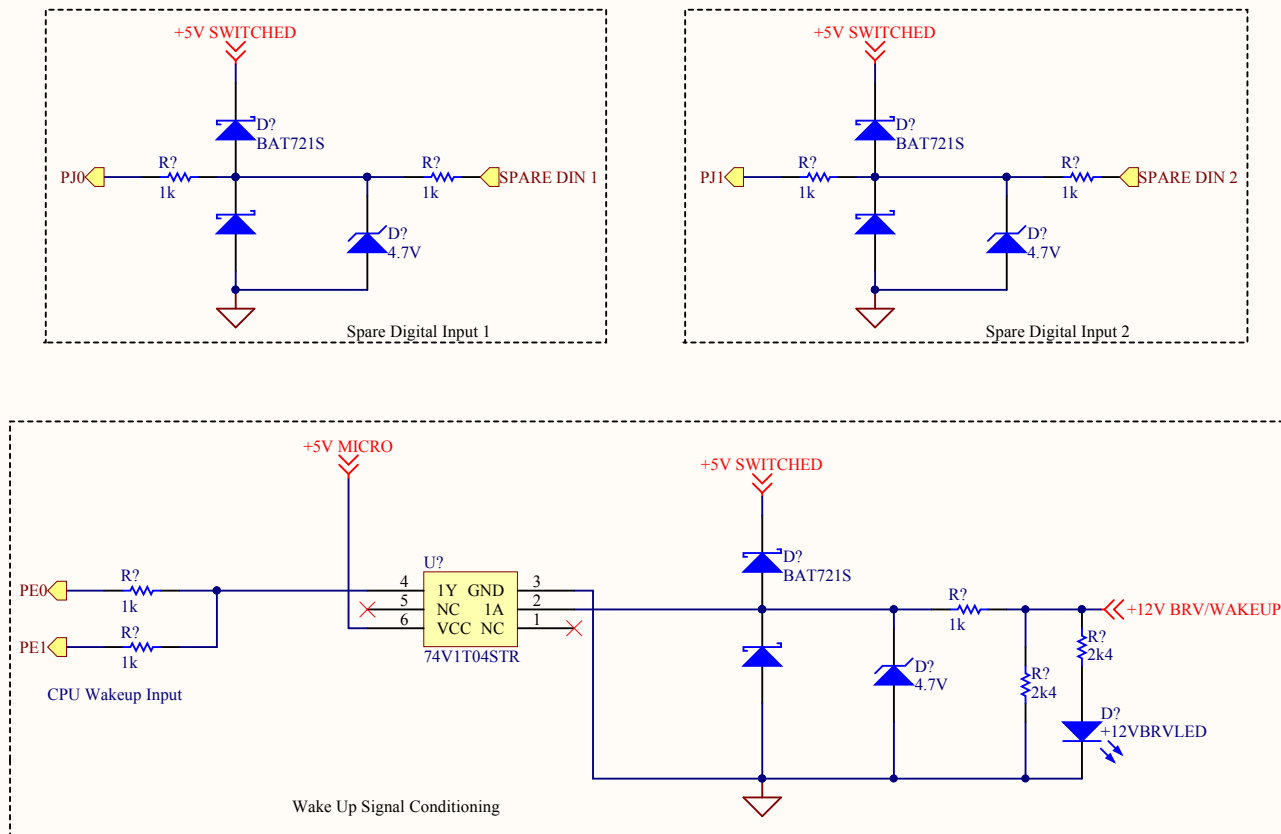
Date: 14/02/2013 Time: 10:02:16 PM Sheet 6 of 16

Drawn By:
Dan Visser

Altium



All inputs 12V capable.



Title **Ravage - Digital Inputs**

Size: A4

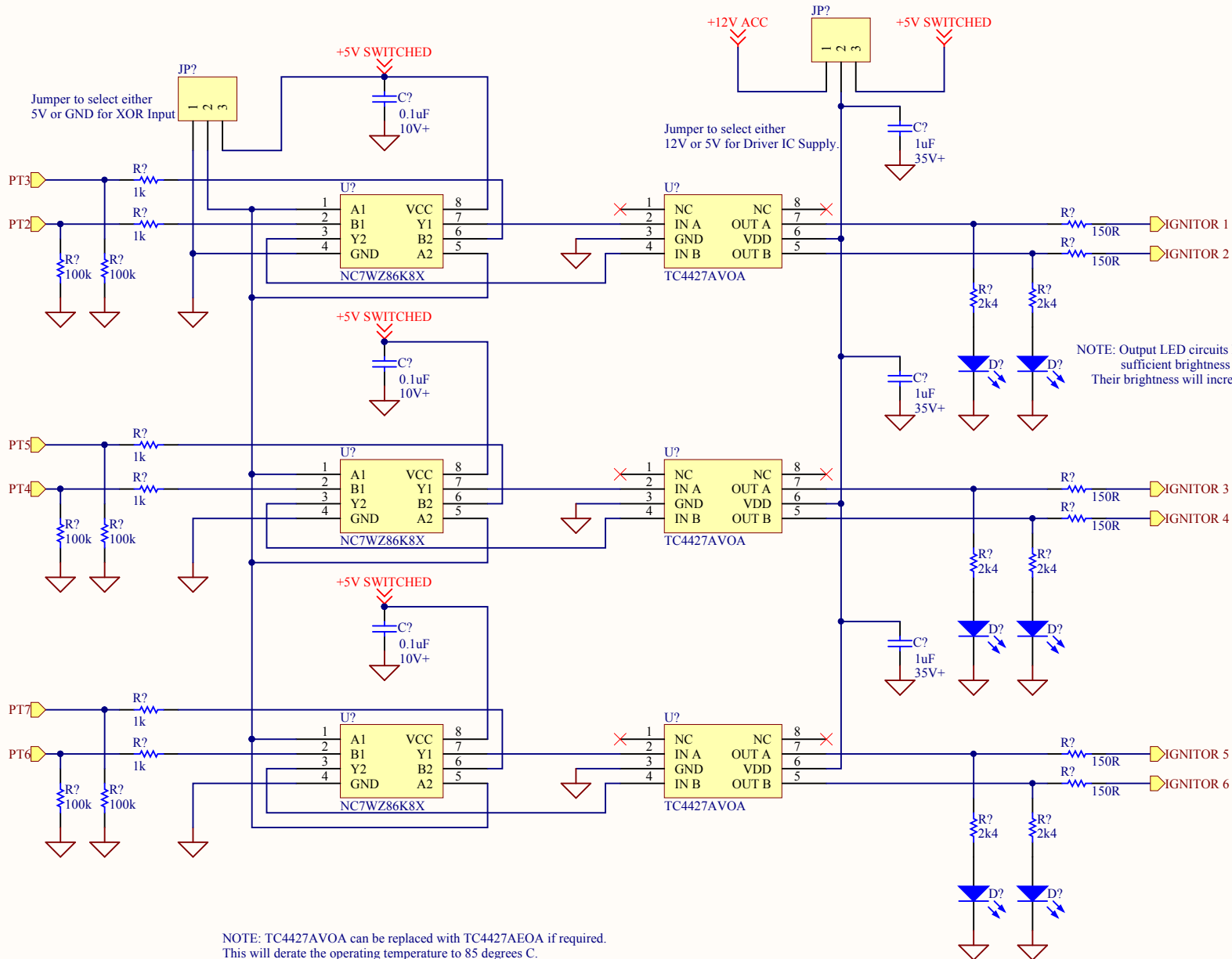
Number: A

Revision: 0.2

Date: 14/02/2013 Time: 10:02:16 PM Sheet 8 of 16

Drawn By:
Dan Visser





Title **Ravage - Ignitor Outputs**

Size: A4

Number: A

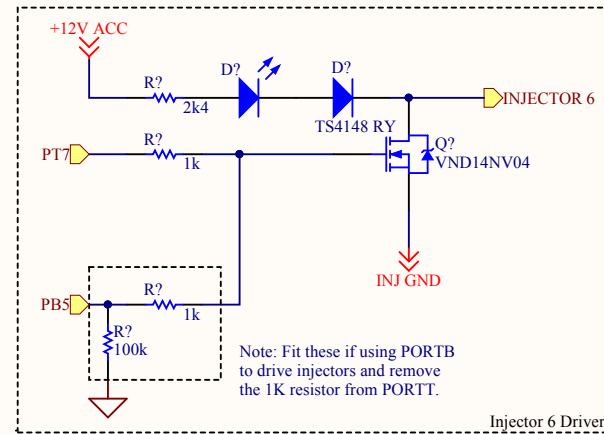
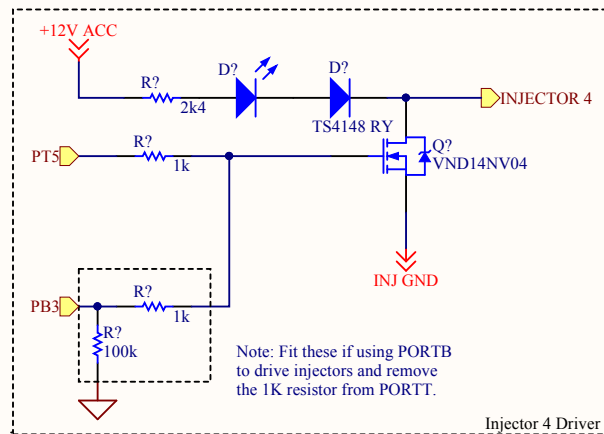
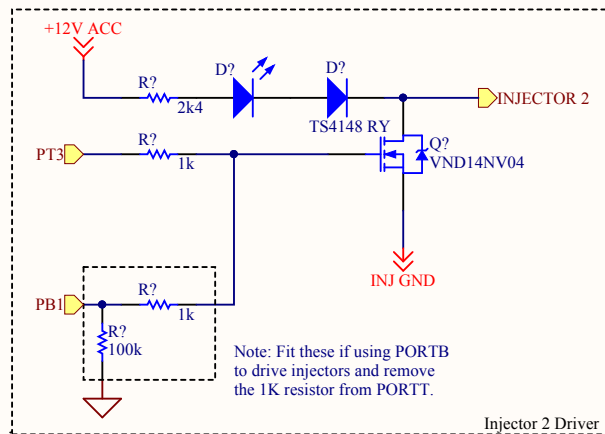
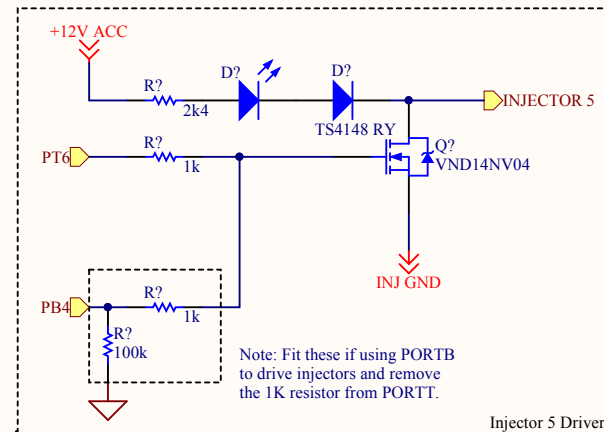
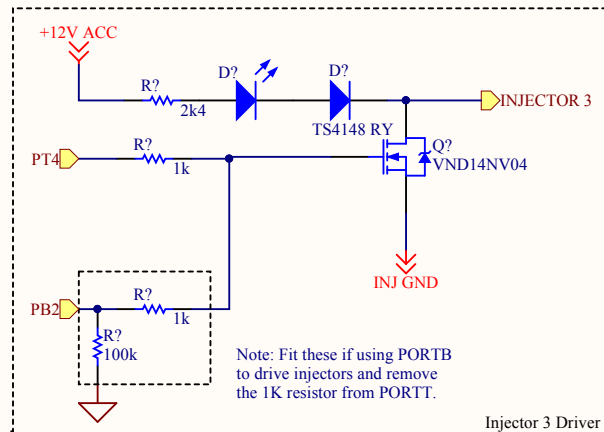
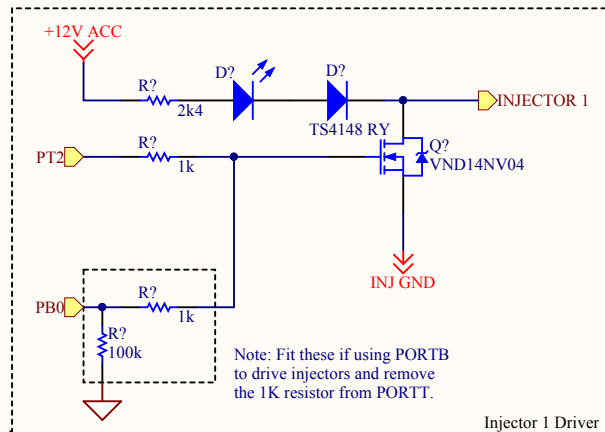
Revision: 0.2

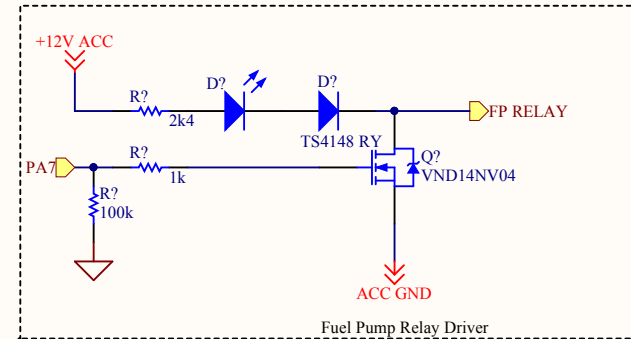
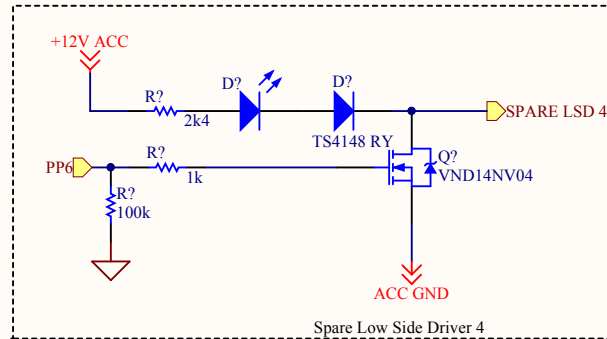
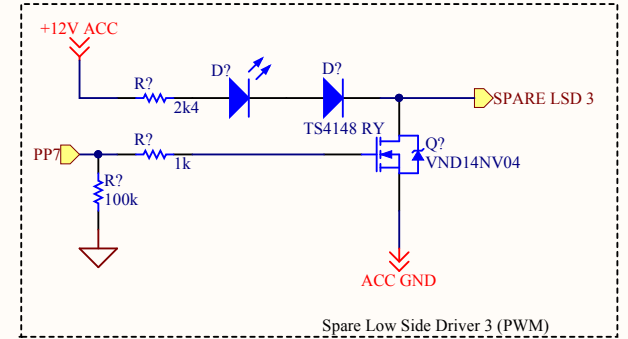
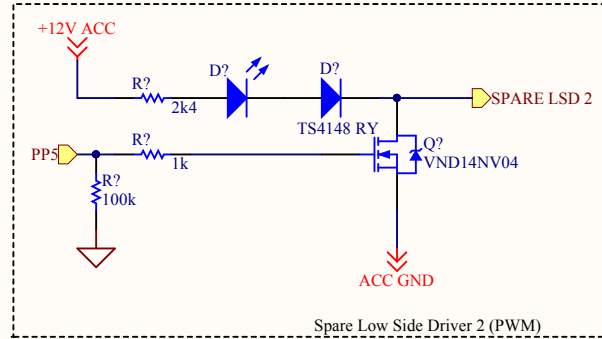
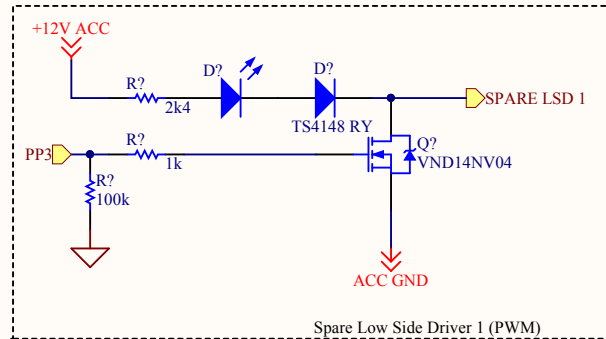
Date: 14/02/2013

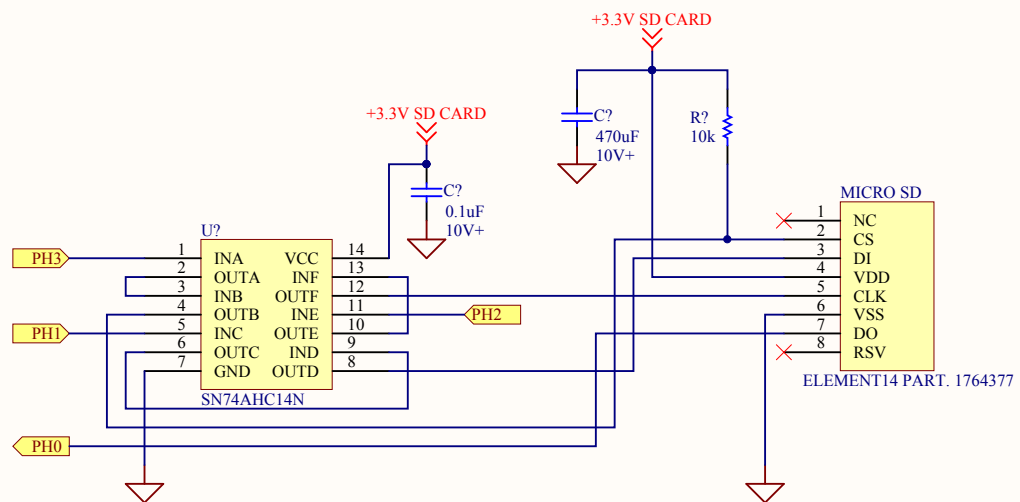
Time: 10:02:16 PM Sheet 10 of 16


Drawn By:
Dan Visser

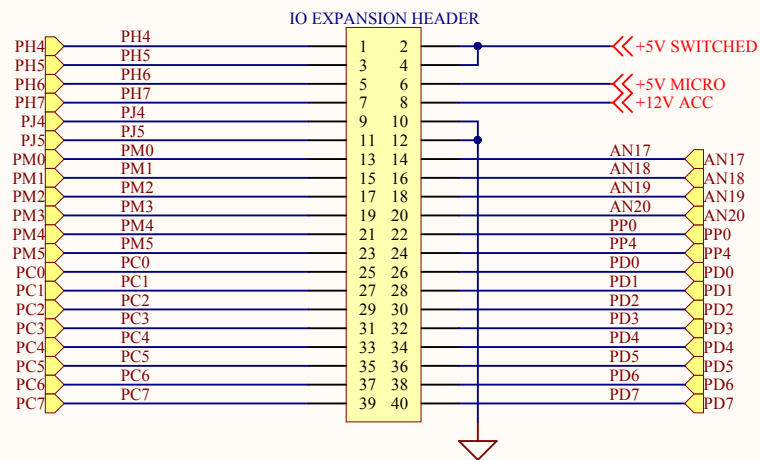
Altium







Title <i>Ravage - SD Card Interface</i>			Drawn By: <i>Dan Visser</i>	
Size: A4	Number: A	Revision: 0.2		
Date: 14/02/2013	Time: 10:02:17 PM Sheet 14 of 16			



Title Ravage - IO Expansion Header			Drawn By: Dan Visser	
Size: A4	Number: A	Revision: 0.2		
Date: 14/02/2013	Time: 10:02:17 PM	Sheet 15 of 16		

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

