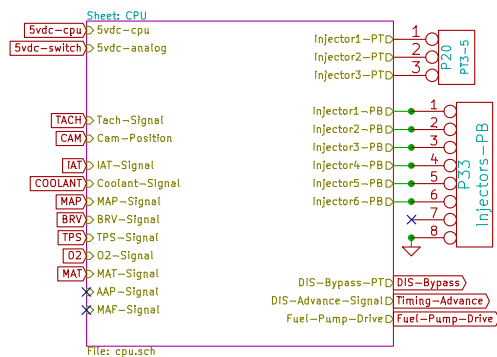


Notes:

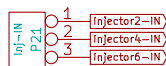
All Jumpers labeled JP# are crossover wires, nothing more to ease single sided PCB Prototype testing.

J2 is the TE Connectivity Automotive Grade water resistant connector. The 34 position will allow for modifications to the board for additional inputs as this design only uses 27 positions.

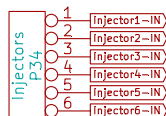
P33 can be used to install a 100k ohm resistor network (Bourns, Inc. P/N 4308R-101-104LF) if it is not used as an output to drive injectors.



For Semi-Sequential Injection
run jumper wires from:
P20 pin 1 to P21 pin 1 = Bank 1
P20 pin 2 to P21 pin 2 = Bank 2
P20 pin 3 to P21 pin 3 = Bank 3

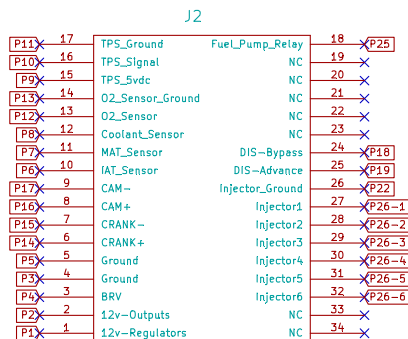


For Semi-Sequential Injection
run jumper wires from:
P34 pin 1 to P34 pin 2
P34 pin 3 to P34 pin 4
P34 pin 5 to P34 pin 6



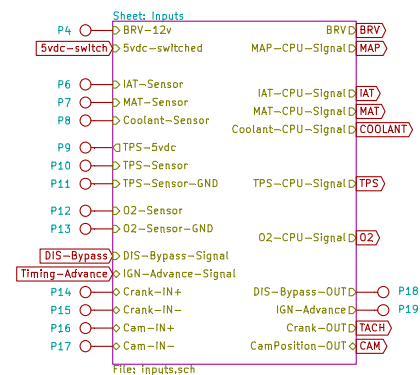
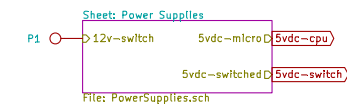
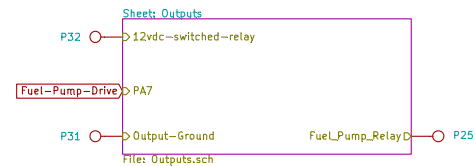
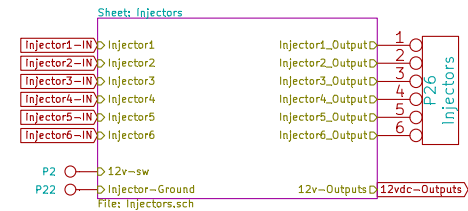
For Sequential Injection
run jumper wires from:
P33 to P34 pin for pin
for the first 6 pins.

P21 and P34 allow for selection for
Semi-Sequential or Sequential Injection



TE-34

External Connector
NOT TO SCALE



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File: Jaguar.sch

Sheet: /

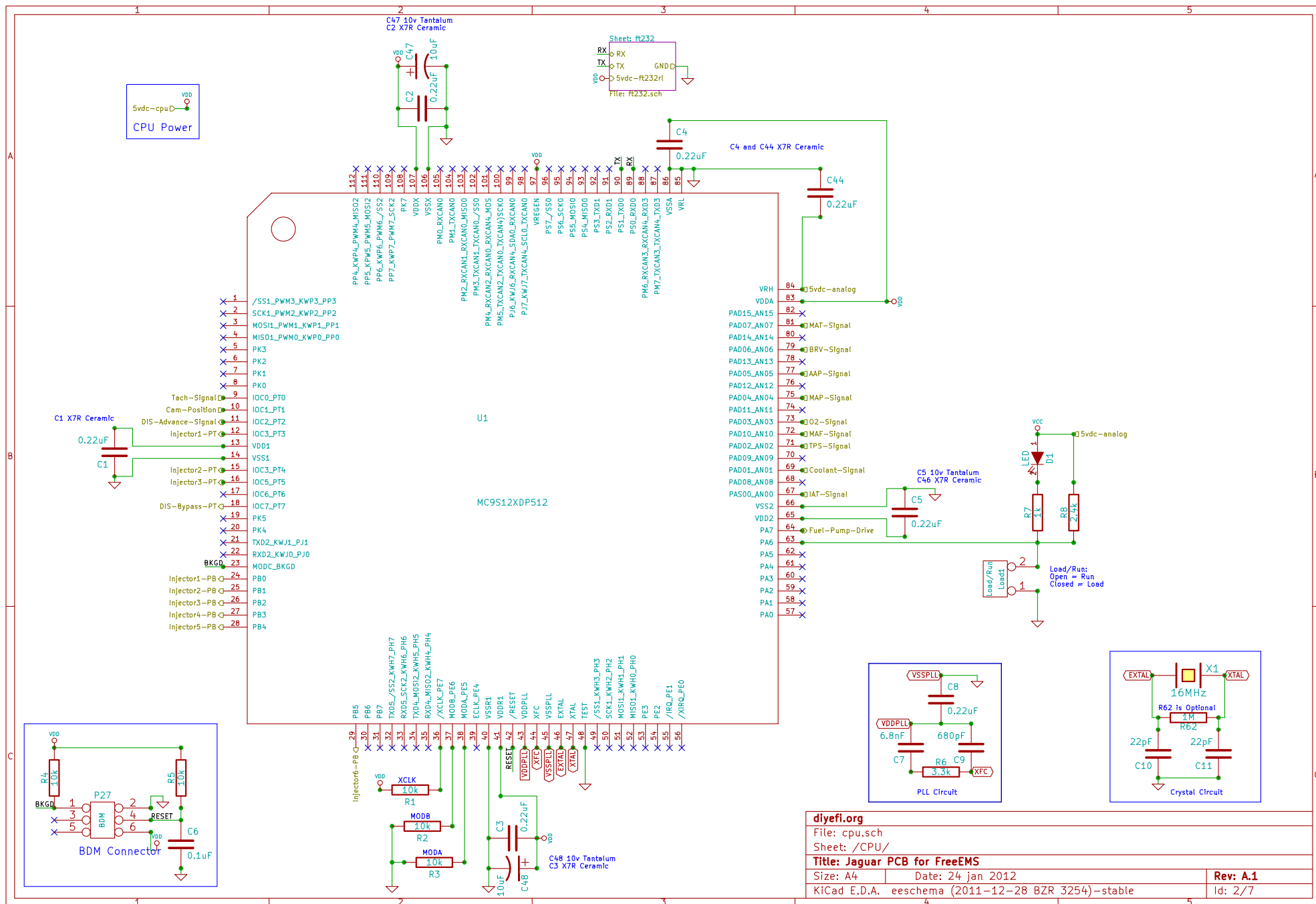
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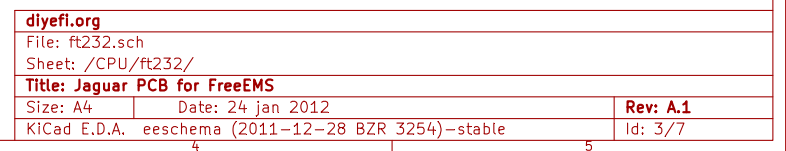
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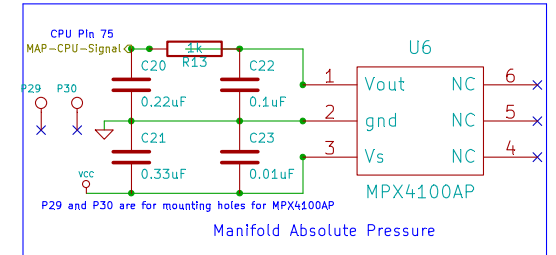
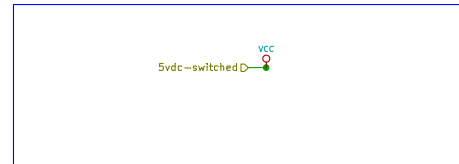
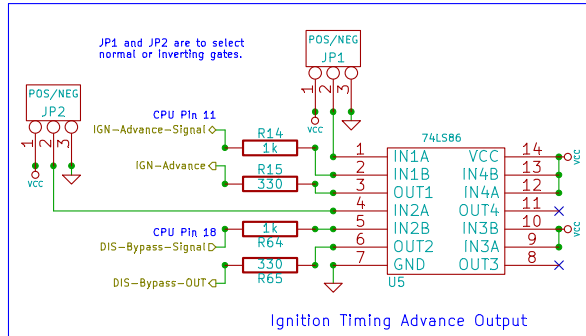
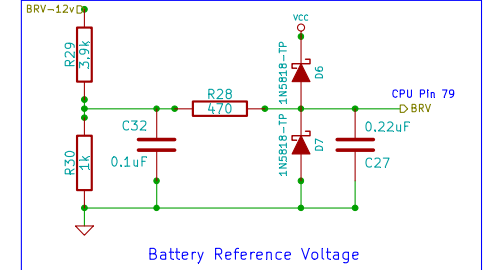
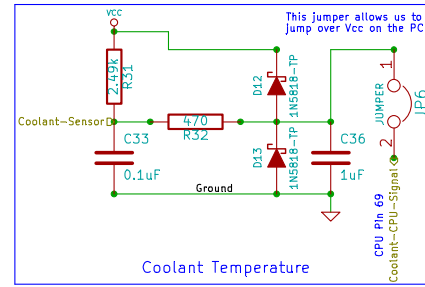
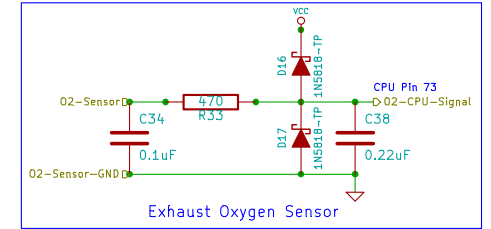
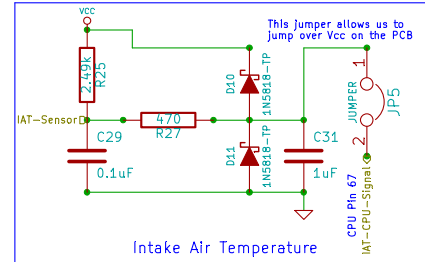
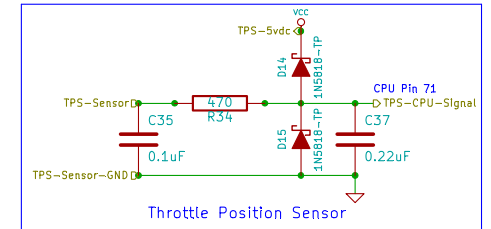
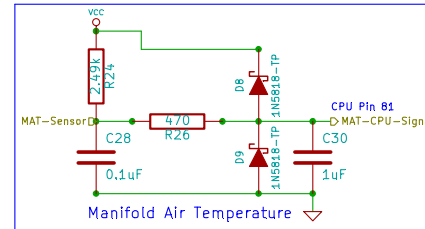
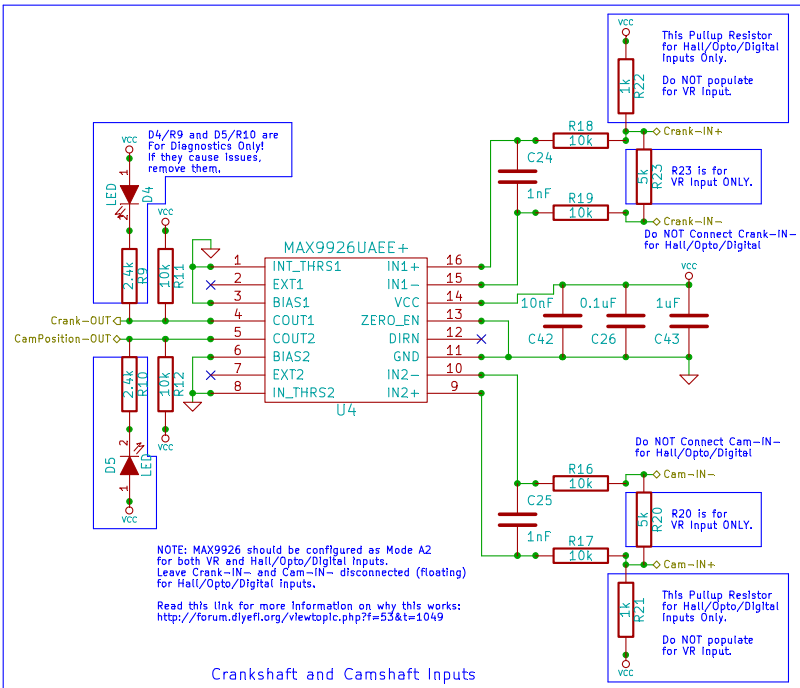
KiCad E.D.A. eeschema (2011-12-28 BZR 3254)-stable

Rev: A.1

Id: 1/7

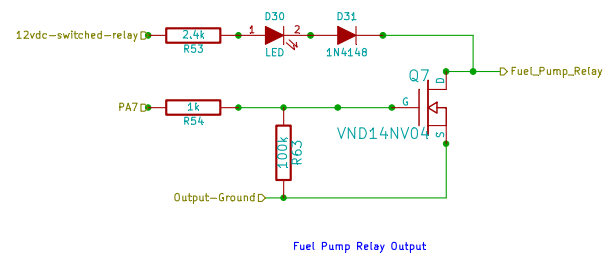




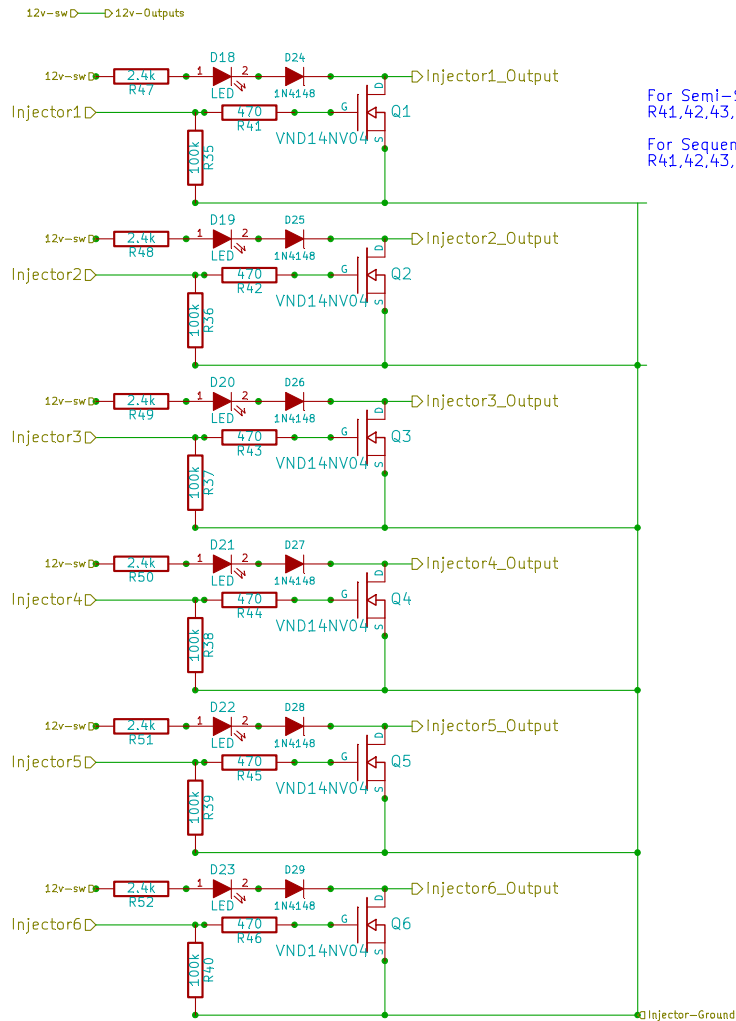


At some point DIS Bypass needs to be changed so that it only supplies +5vdc if RPM is greater than 400 RPM.

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Title: Jaguar PCB for FreeEMS	
Size: A4	Date: 24 jan 2012
KiCad E.D.A.	eeschema (2011-12-28 BZR 3254)-stable
Rev: A.1	
Id: 4/7	



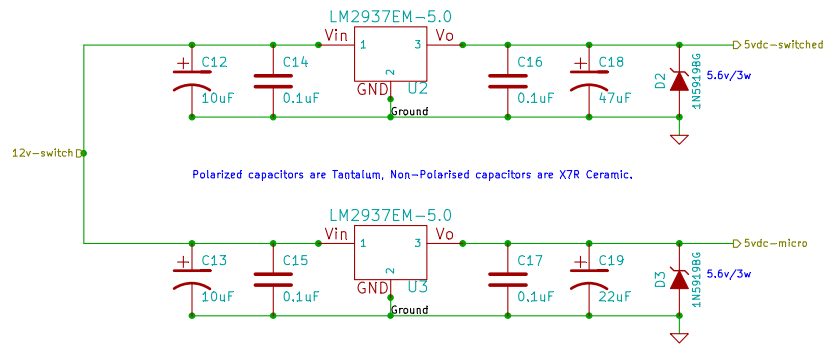
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Size: A4	Date: 24 jan 2012	Rev: A.1
KiCad E.D.A. eeschema (2011-12-28 BZR 3254)-stable		Id: 5/7



For Semi-Sequential Injection
R41,42,43,44,45,46 need to be 470 ohm.

For Sequential Injection
R41,42,43,44,45,46 need to be 1k ohm.

diyefi.org		
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KiCad E.D.A. eeschema (2011-12-28 BZR 3254)-stable		Id: 7/7