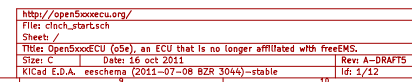
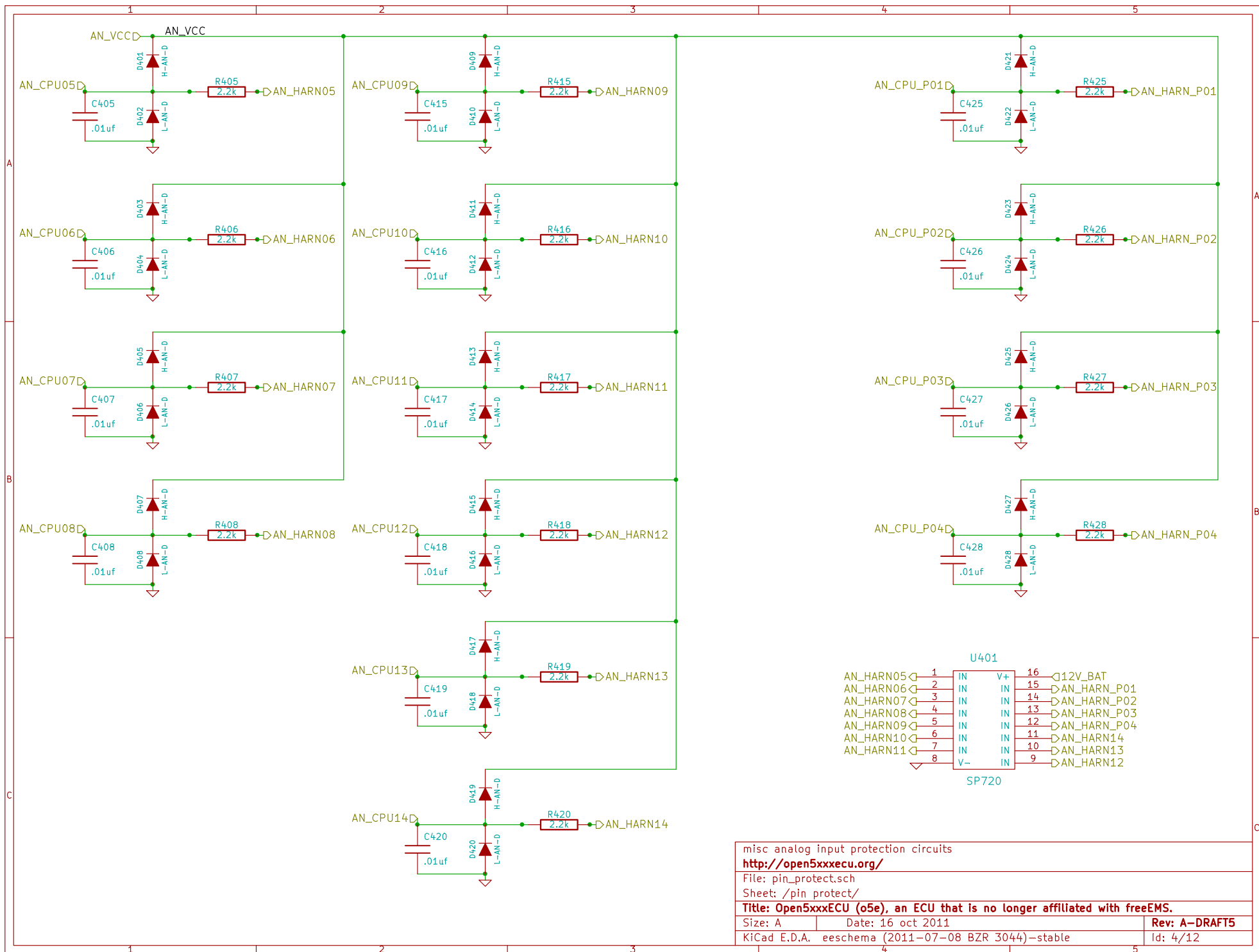
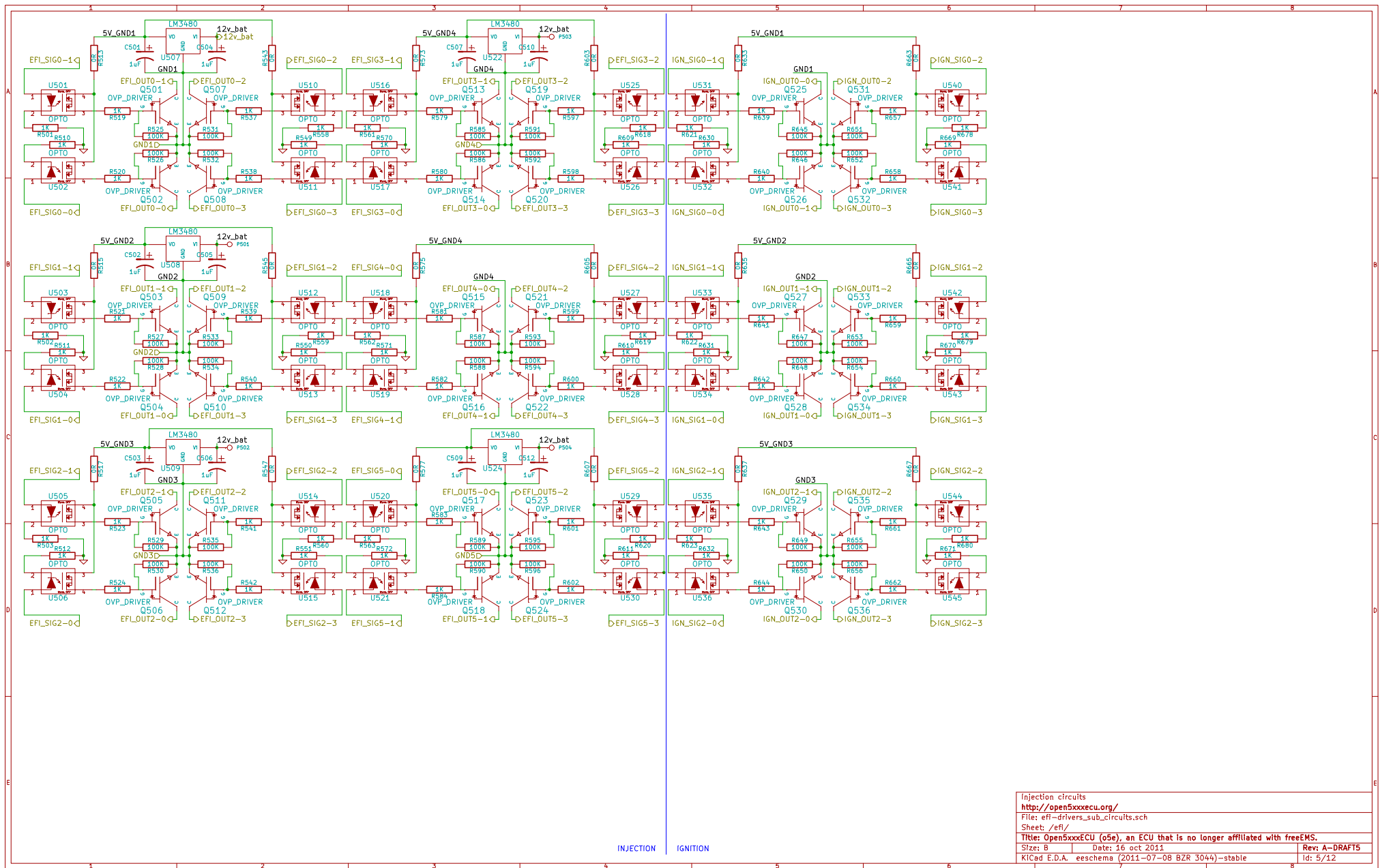


PERHAPS INSTALL USB FROM PUMA

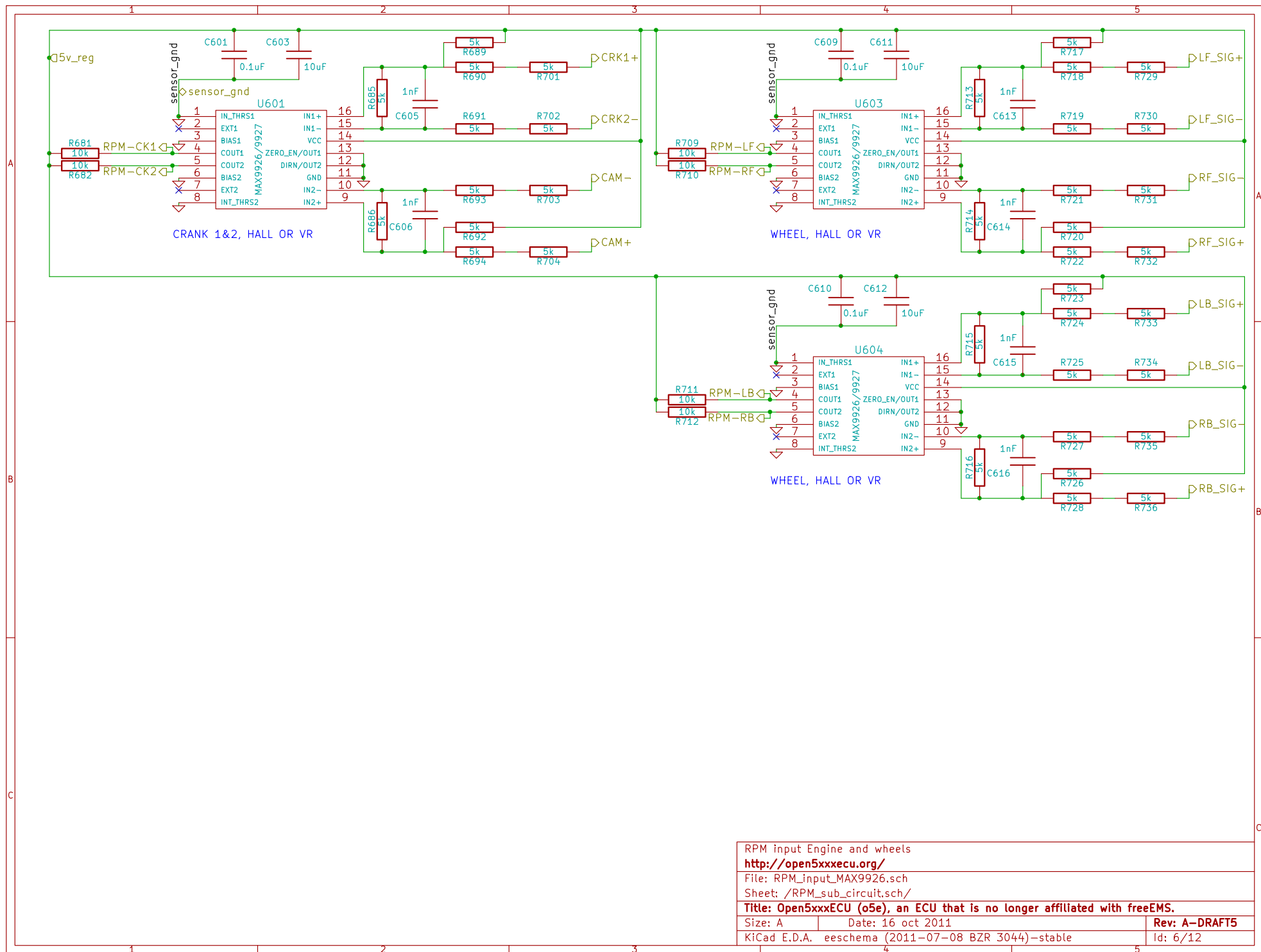








Injection circuits		
http://open5xxxecu.org/		
File: efl-drivers_sub_circuits.sch		
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Title: Open5xxxECU (o5e), an ECU that is no longer affiliated with freeEMS.		
Size: B	Date: 16 oct 2011	Rev: A-DRAFT5
KICad E.D.A.	eeschema (2011-07-08 BZR 3044)-stable	Id: 5/12



RPM input Engine and wheels

<http://open5xxecu.org/>

File: RPM_input_MAX9926.sch

Sheet: /RPM_sub_circuit.sch/

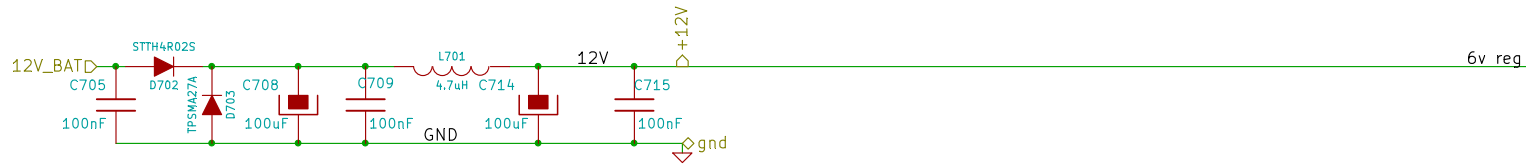
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Size: A Date: 16 oct 2011

Rev: A-DRAFT5

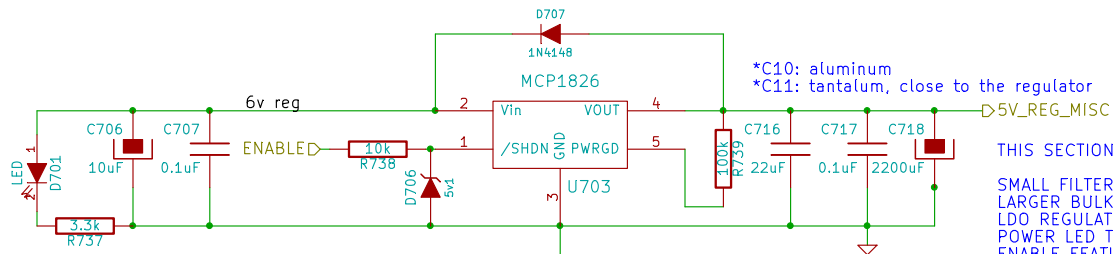
KiCad E.D.A. eeschema (2011-07-08 BZR 3044)-stable

Id: 6/12



THIS SECTION CONTAINS

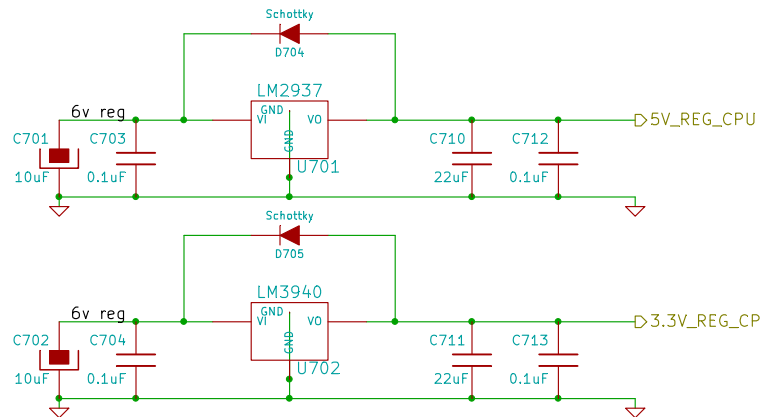
FILTER/BULK CAPS
REVERSE POLARITY PROTECTION DIODE
REVERSE POLARITY SPIKE PROTECTION
TRANSIENT INDUCTOR



THIS SECTION CONTAINS

SMALL FILTERING CAPS TO PREVENT OSSILATION
LARGER BULK CAPS TO HANDLE THE BULK NEEDS
LDO REGULATOR TO GENERATE A 1 AMP ACCURATE 5V SOURCE GOOD FOR MISC NEEDS
POWER LED TO INDICATE IT'S POWRED
ENABLE FEATURE TO ALLOW MCU TO TURN THINGS OFF.
REVERSE POLARITY DIODE PROTECTING THE MCP1826

MCP regulator pin compatible with:
LP3852 or MIC29150 (26v--input capable)



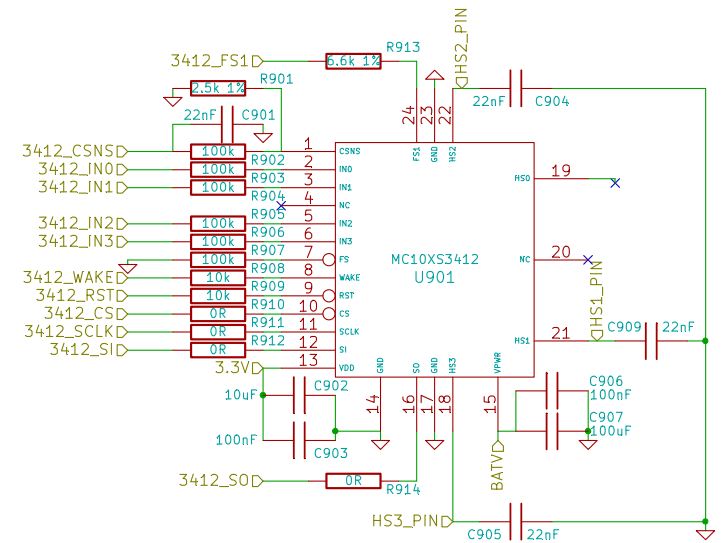
THIS SECTION CONTAINS

SMALL FILTERING CAPS TO PREVENT OSSILATION
LARGER BULK CAPS TO HANDLE THE BULK NEEDS
LDO REGULATOR TO GENERATE A 1 AMP 5V PERCISSION LOW RIPPLE SOURCE

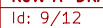
THIS SECTION CONTAINS

SMALL FILTERING CAPS TO PREVENT OSSILATION
LARGER BULK CAPS TO HANDLE THE BULK NEEDS
LDO REGULATOR TO GENERATE A 1 AMP 3.3V PERCISSION LOW RIPPLE SOURCE

power regulator		
http://open5xxecu.org/		
File: power_reg.sch		
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Size: A	Date: 16 oct 2011	Rev: A-DRAFT5
KiCad E.D.A. eeschema (2011-07-08 BZR 3044)-stable		Id: 7/12

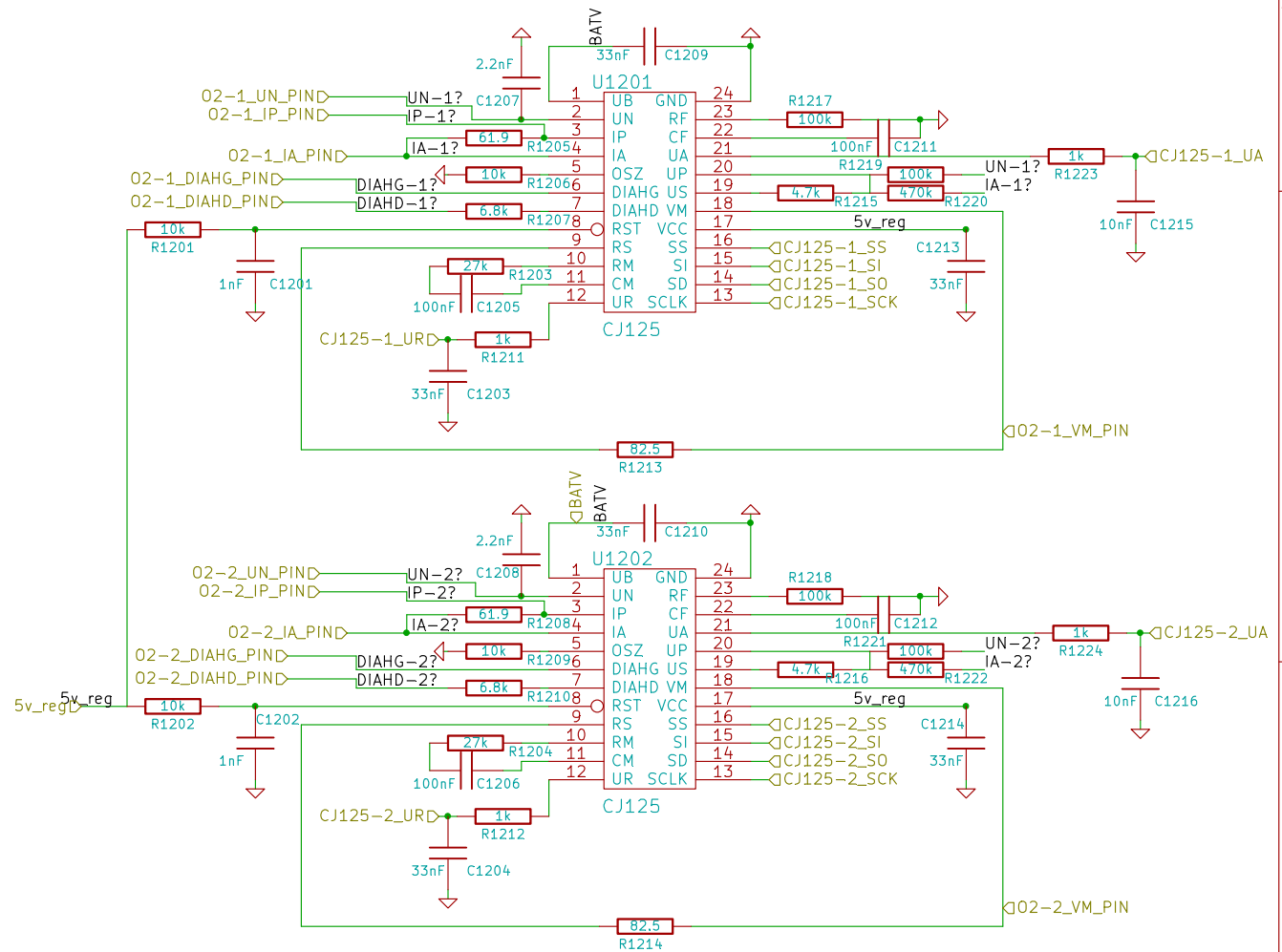


High side drive circuits		
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Size: A4	Date: 16 oct 2011	Rev: A-DRAFT5
KiCad E.D.A. eeschema (2011-07-08 BZR 3044)-stable		Id: 8/12

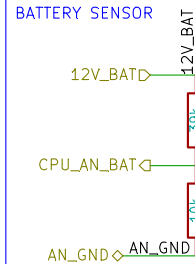
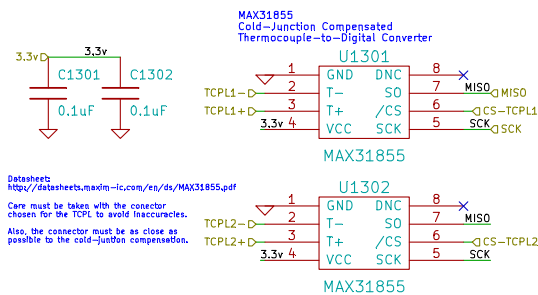
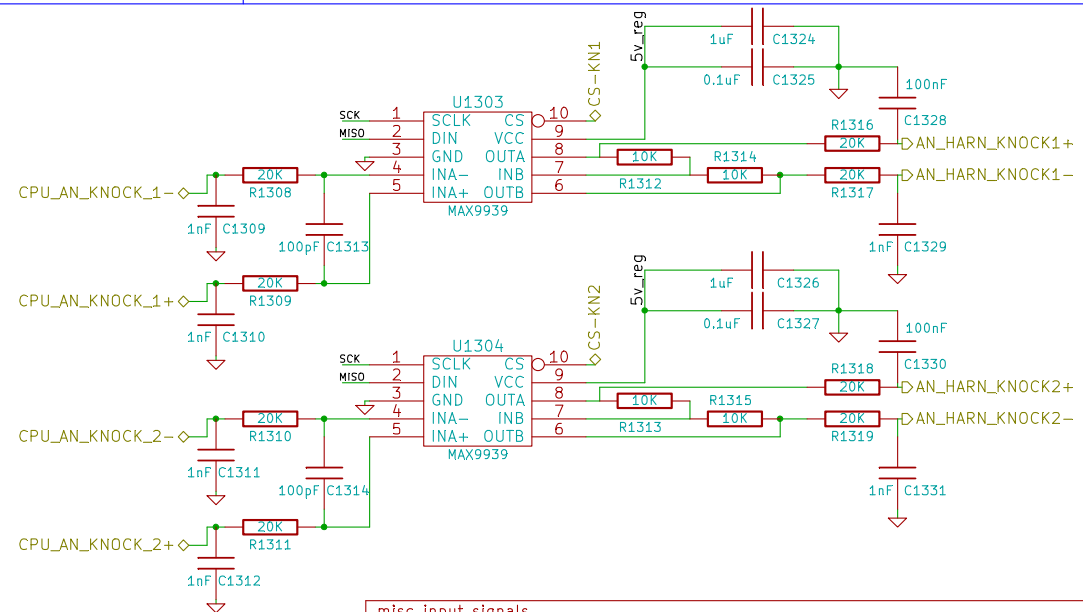
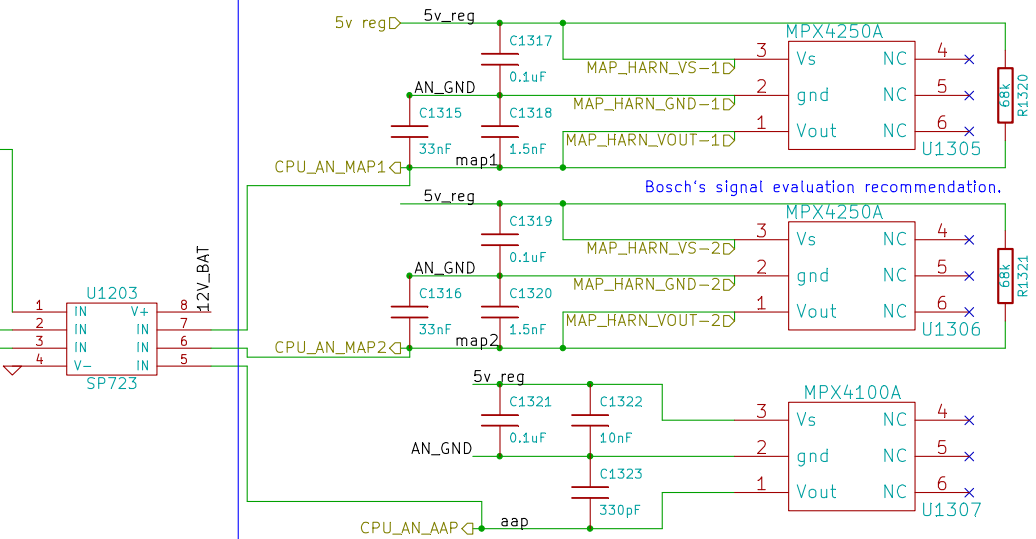
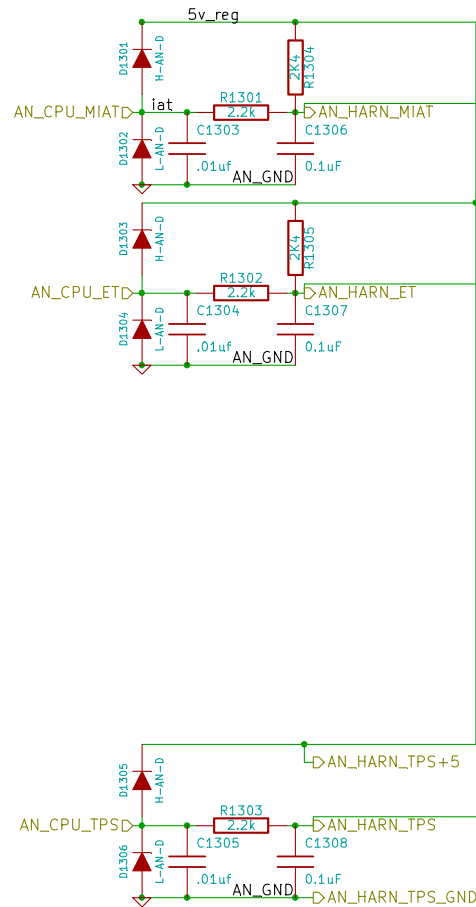




comms CAN/USB/Other http://open5xxxecu.org/	
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Size: User	Date: 16 oct 2011
KiCad E.D.A.	eeschema (2011-07-08 BZR 3044)–stable
	Id: 10/12



2 channels of Wide O2		
http://open5xxxecu.org/		
File: O2_input_CJ125.sch		
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Title: Open5xxxECU (o5e), an ECU that is no longer affiliated with freeEMS.		
Size: User	Date: 16 oct 2011	Rev: A-DRAFT5
KiCad E.D.A. eeschema (2011-07-08 BZR 3044)-stable		Id: 11/12



misc input signals	
http://open5xxxecu.org/	
File: SENSOR_INPUTS.sch	
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Title: Open5xxxECU (o5e), an ECU that is no longer affiliated with freeEMS.	
Size: A4	Date: 16 oct 2011
KiCad E.D.A.	eeschema (2011-07-08 BZR 3044)-stable
Rev: A-DRAFT5	
Id: 12/12	