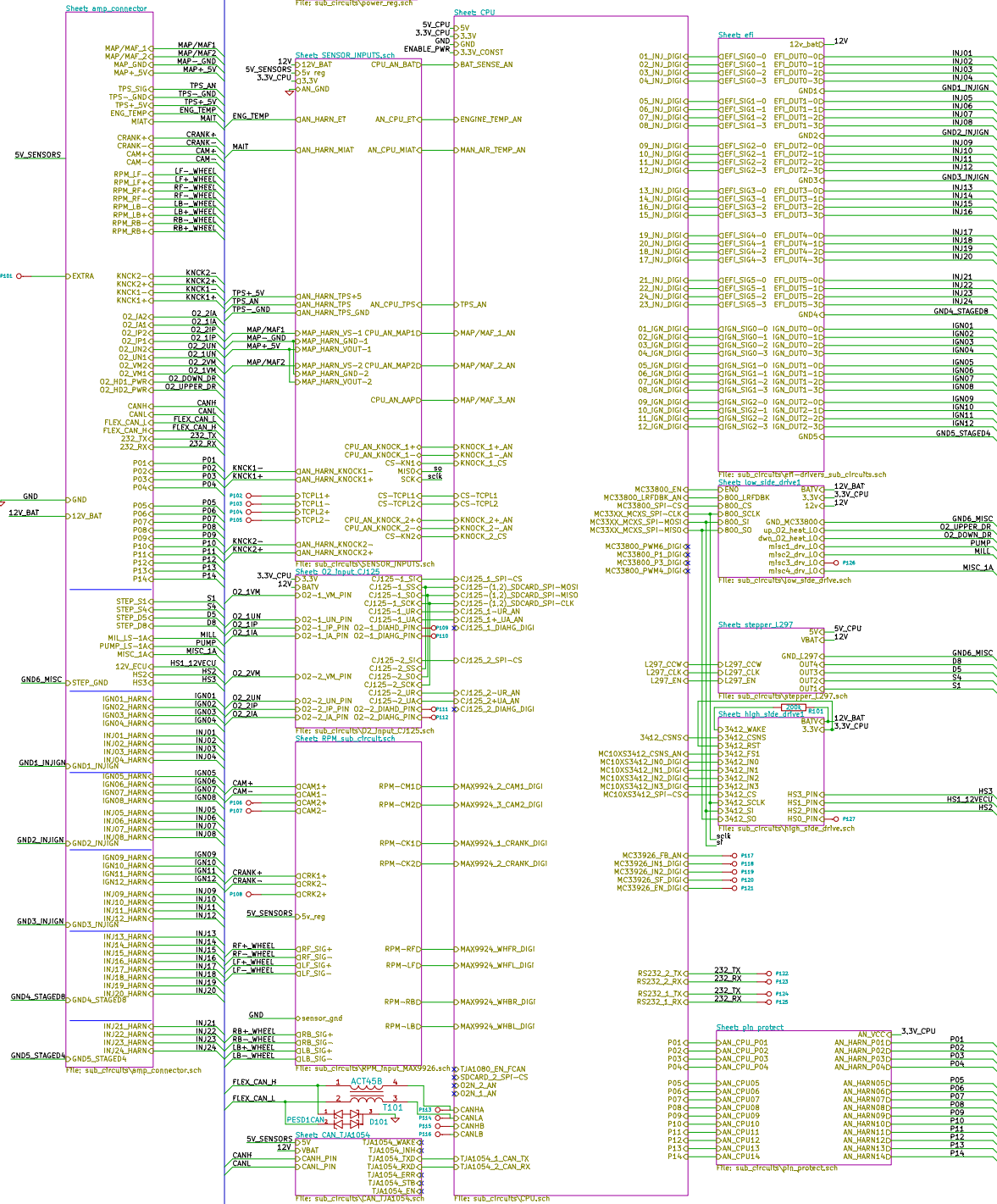
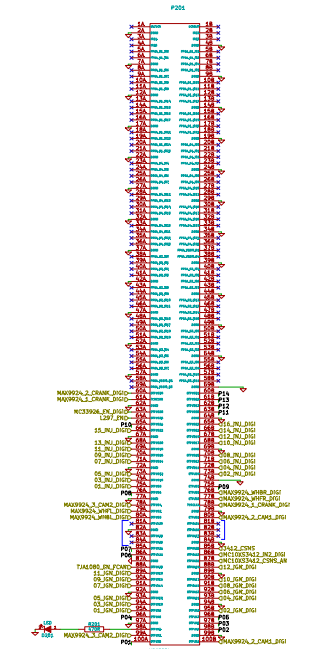
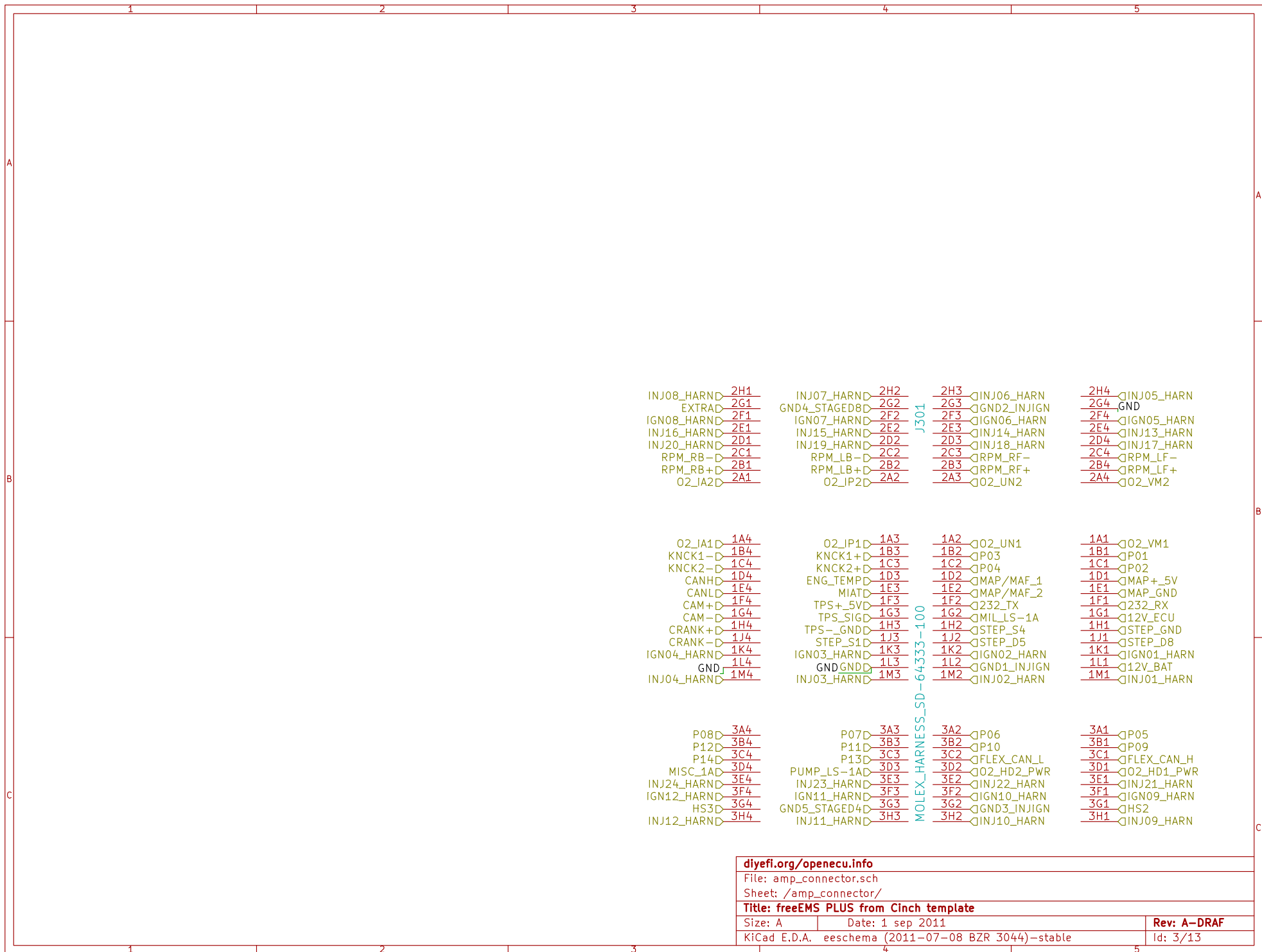
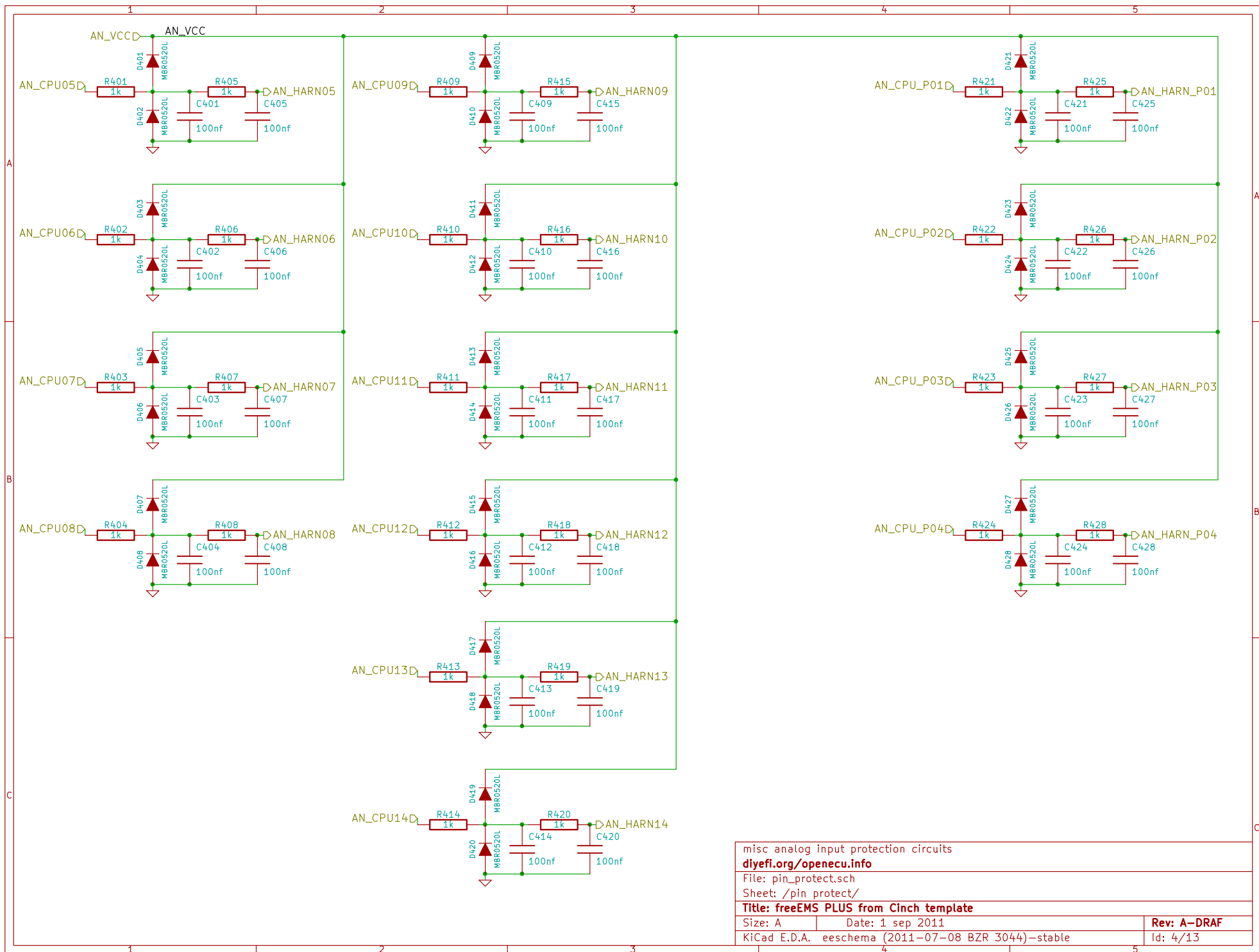


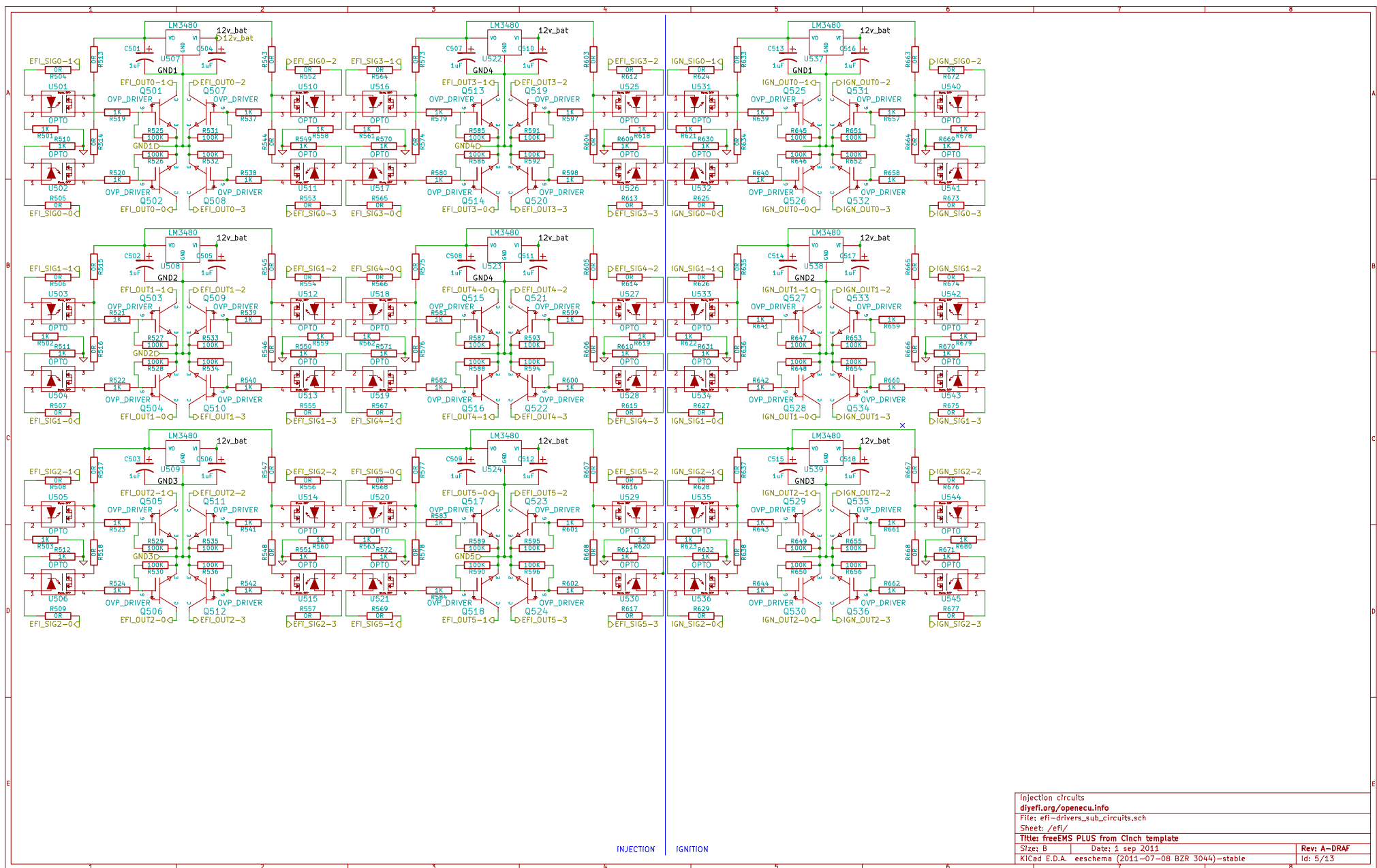
NOTES TO REMEMBER
PERHAPS INSTALL USB FROM PUMA











Injection circuits

diyefi.org/openecu.info

File: efi-drivers_sub_circuits.sch

Sheet: /efi/

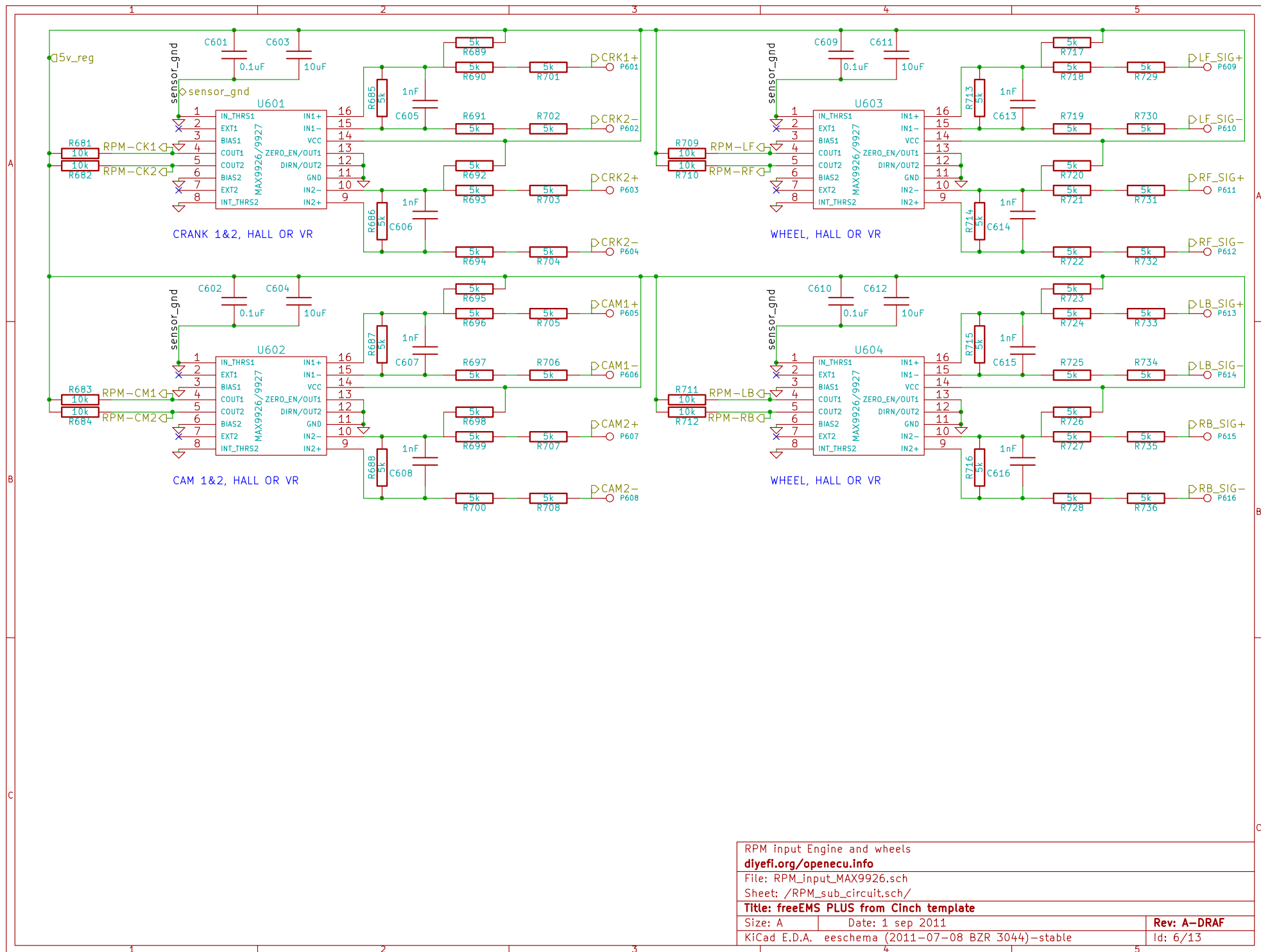
Title: freeEMS PLUS from Cinch template

Size: B	Date: 1 sep 2011
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Id: 5/13



RPM input Engine and wheels

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File: RPM_input_MAX9926.sch

Sheet: /RPM_sub_circuit.sch/

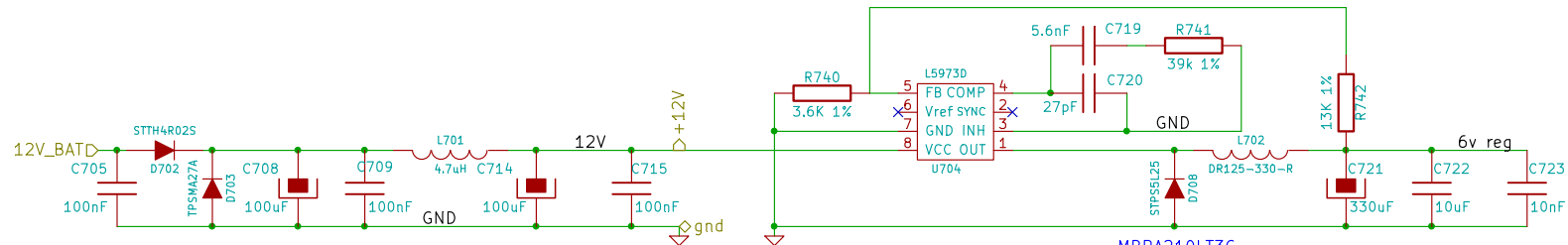
Title: freeEMS PLUS from Cinch template

Size: A Date: 1 sep 2011

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Id: 6/13

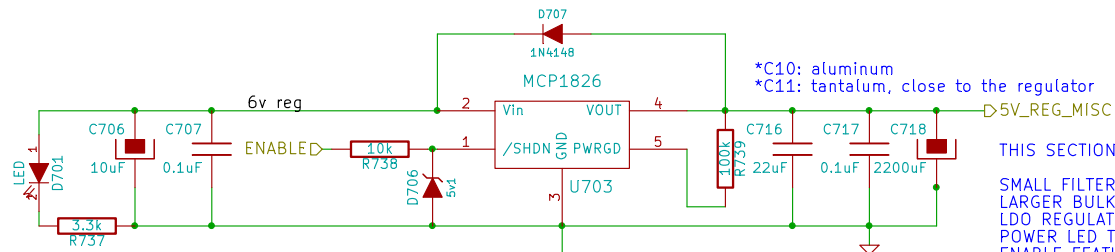


THIS SECTION CONTAINS

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

THIS SECTION CONTAINS

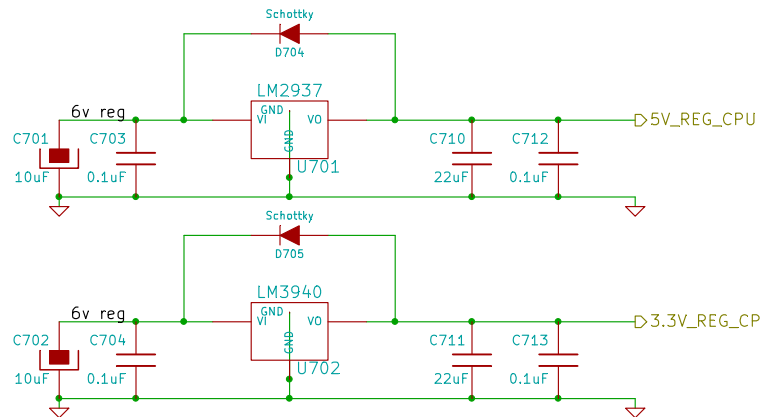
A 2 AMP SWITCHING 6V REGULATOR. THIS PREVENTS THE LINEARS FROM HEATING UP IN EXCESS.



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 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



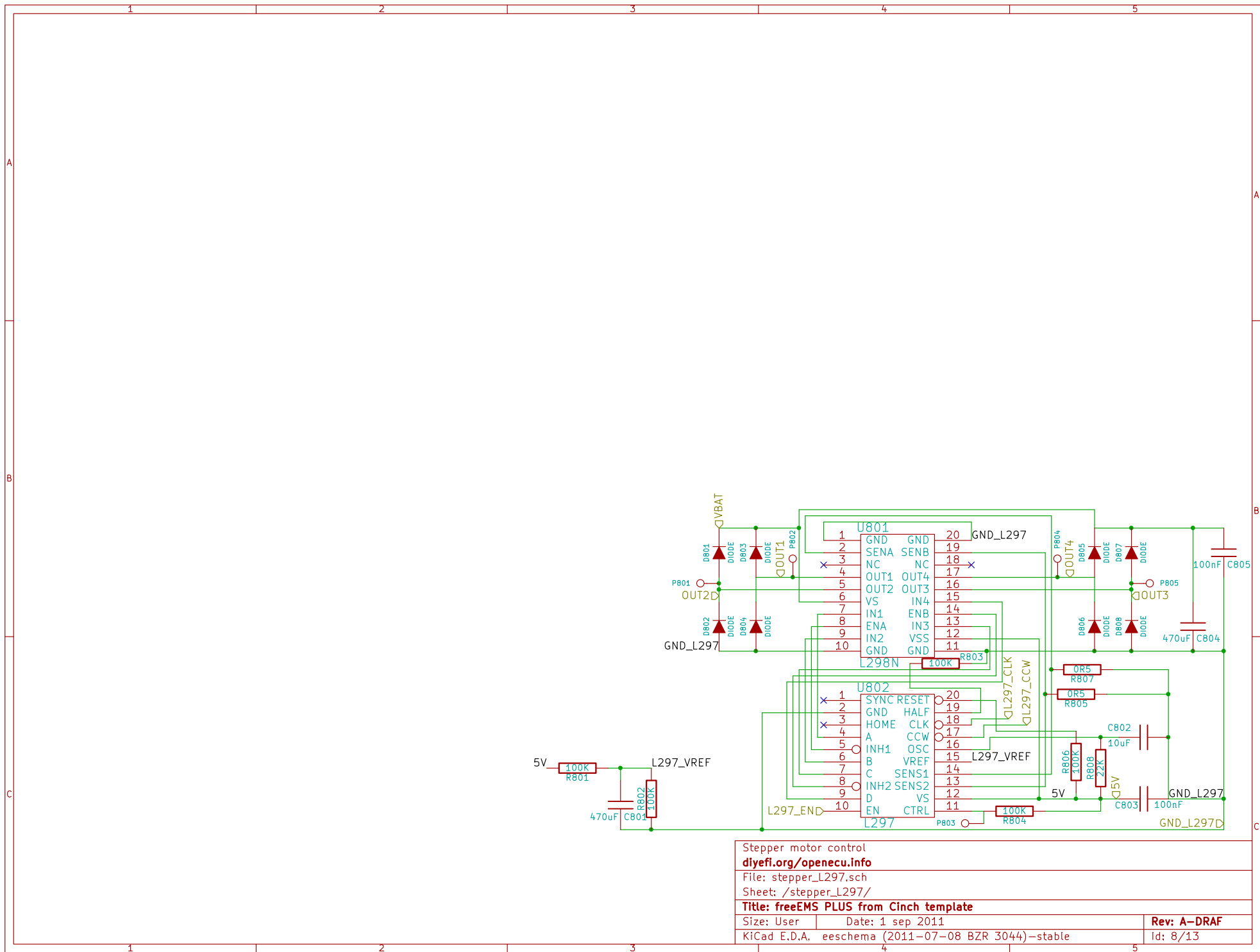
THIS SECTION CONTAINS

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		
diyefi.org/openecu.info		
File: power_reg.sch		
Sheet: /power regulator constant/		
Title: freeEMS PLUS from Cinch template		
Size: A	Date: 1 sep 2011	Rev: A-DRAF
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Stepper motor control

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File: stepper_L297.sch

Sheet: /stepper_L297/

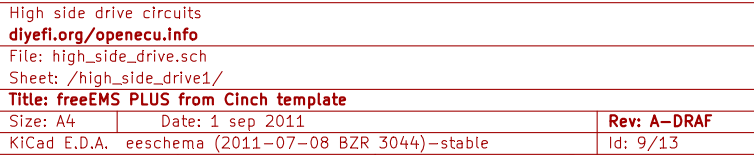
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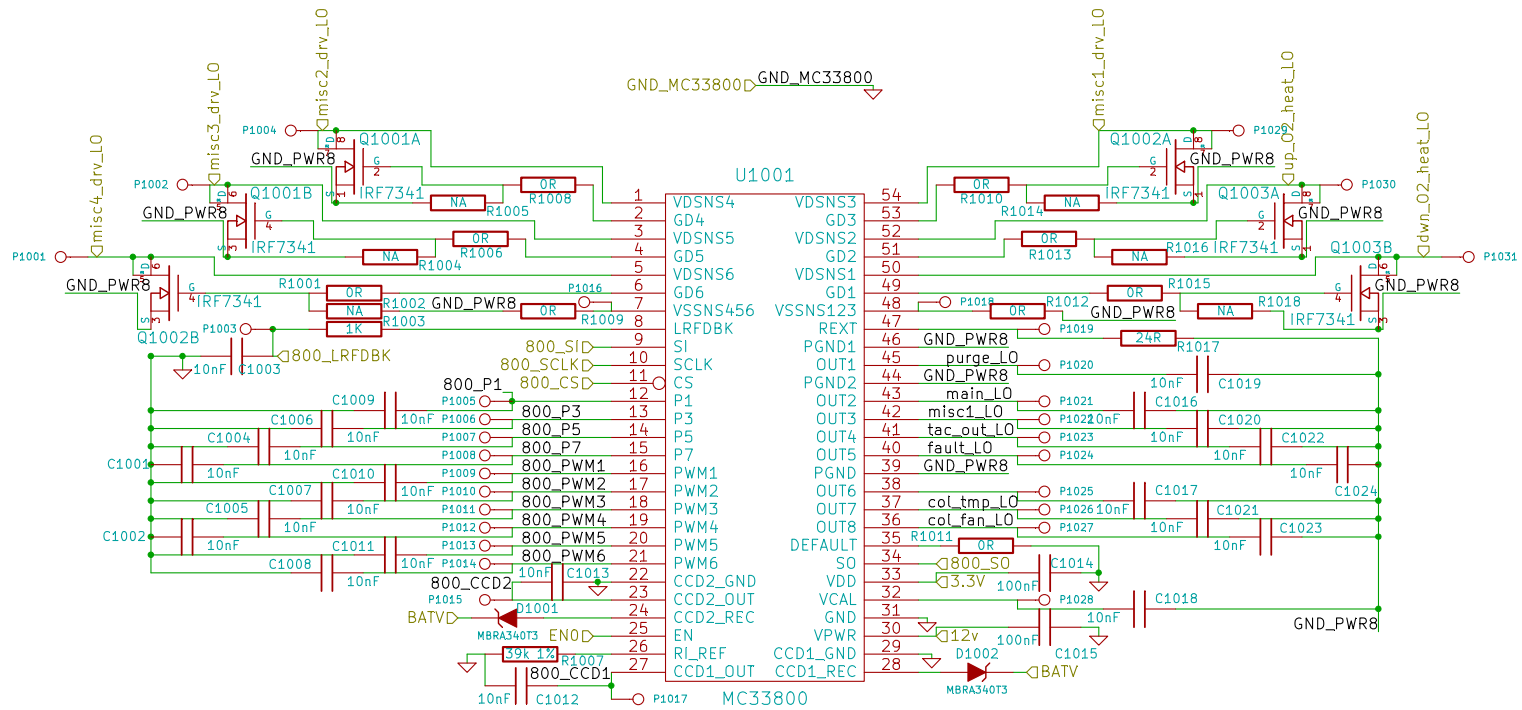
Size: User Date: 1 sep 2011

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Rev: A-DRAF

Id: 8/13





misc high side and low side drives

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File: low_side_drive.sch

Sheet: /low_side_drive1/

Title: freeEMS PLUS from Cinch template

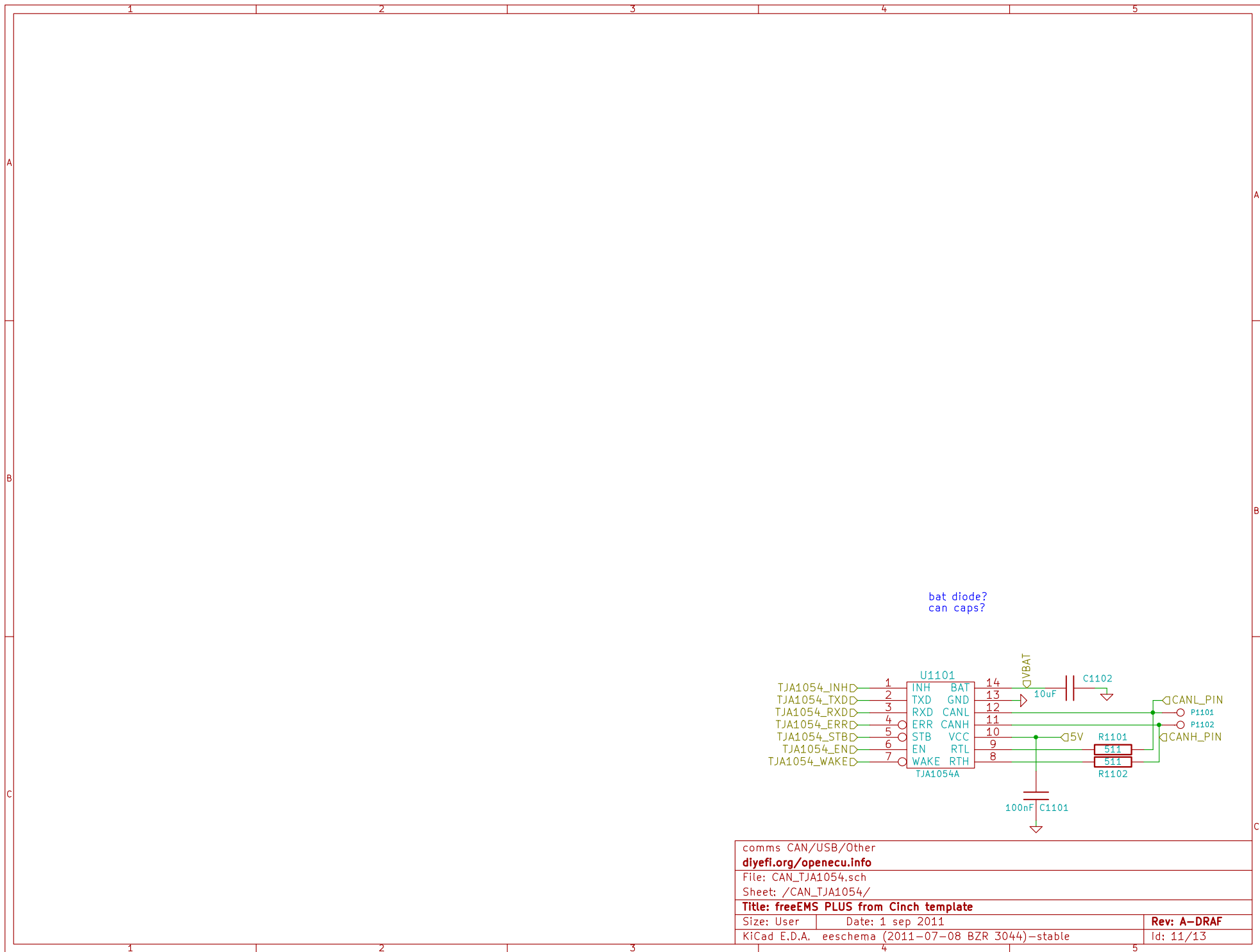
Size: A4

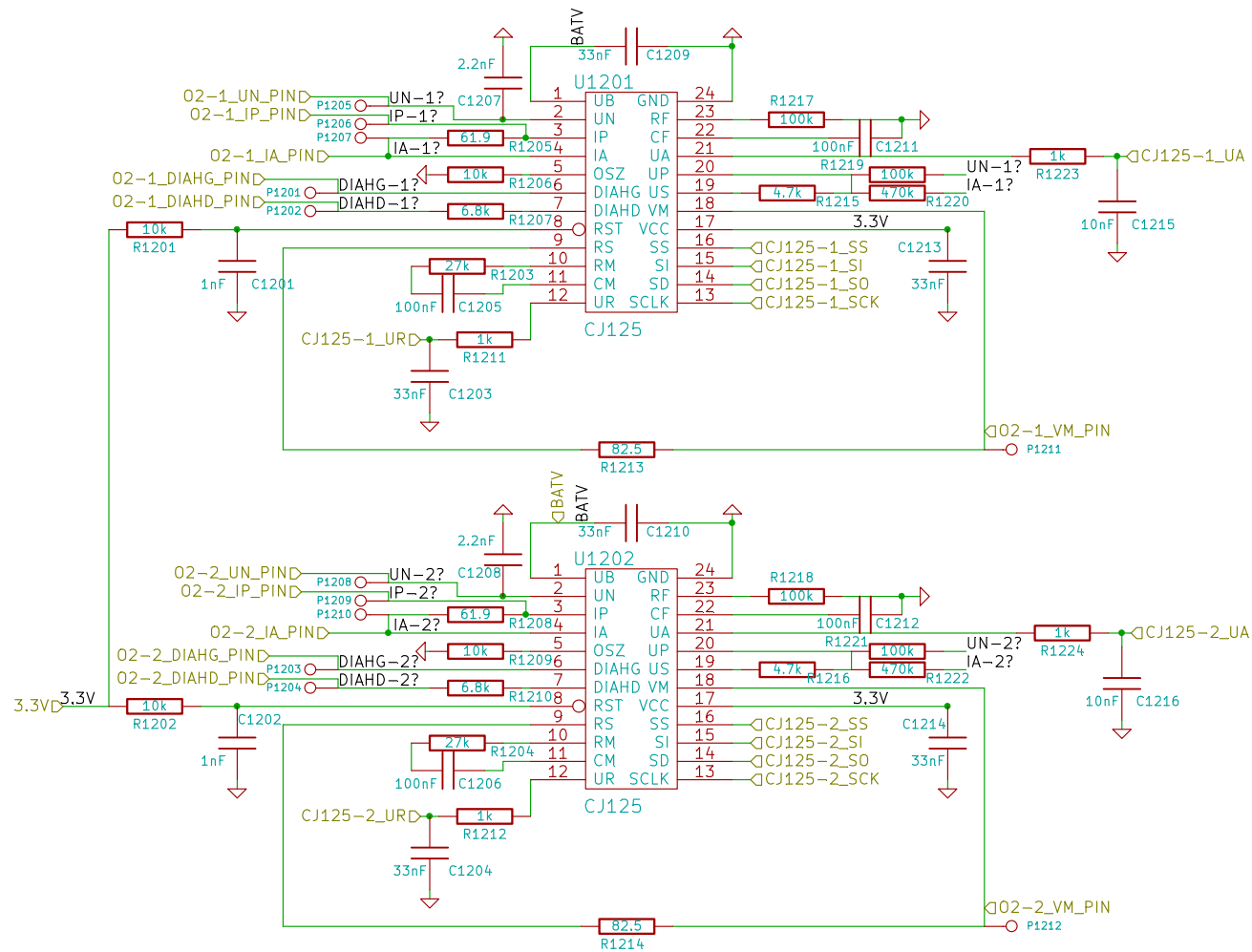
Date: 1 sep 2011

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Id: 10/13





2 channels of Wide O2

diyefi.org/openecu.info

File: O2_input_CJ125.sch

Sheet: /O2_input_CJ125/

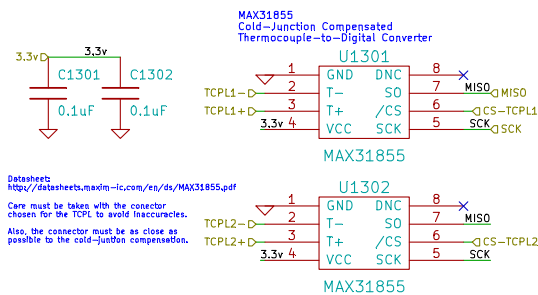
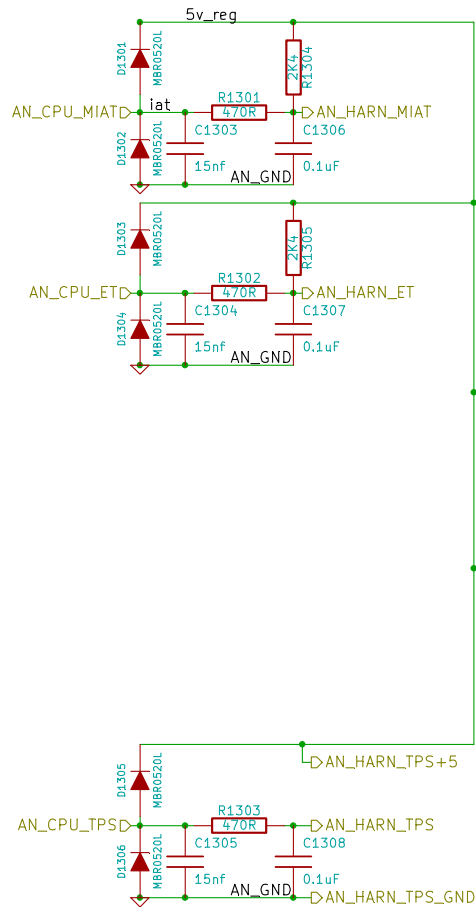
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Size: User Date: 1 sep 2011

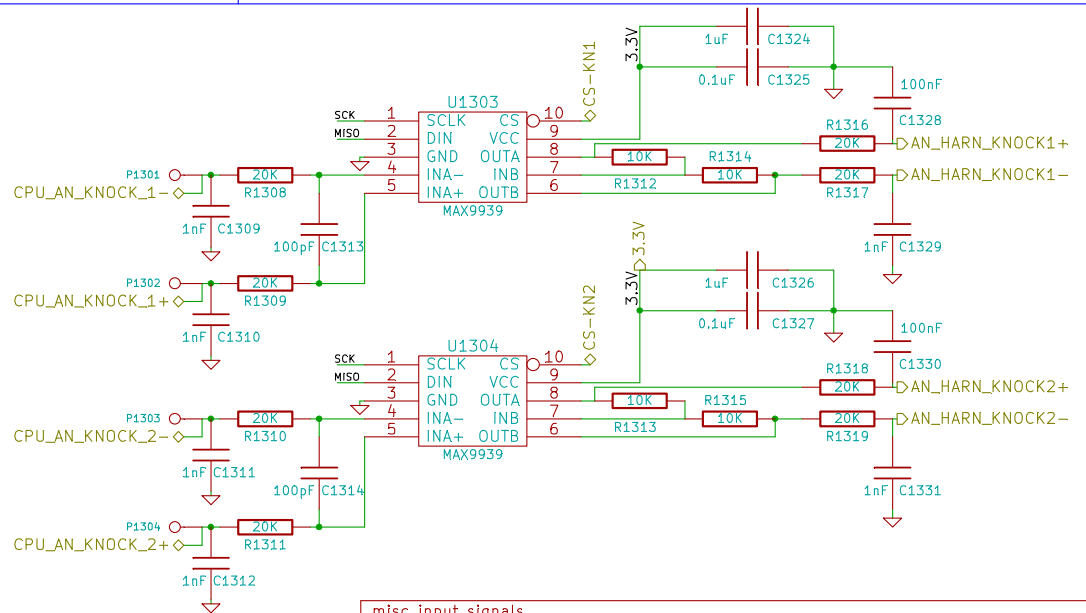
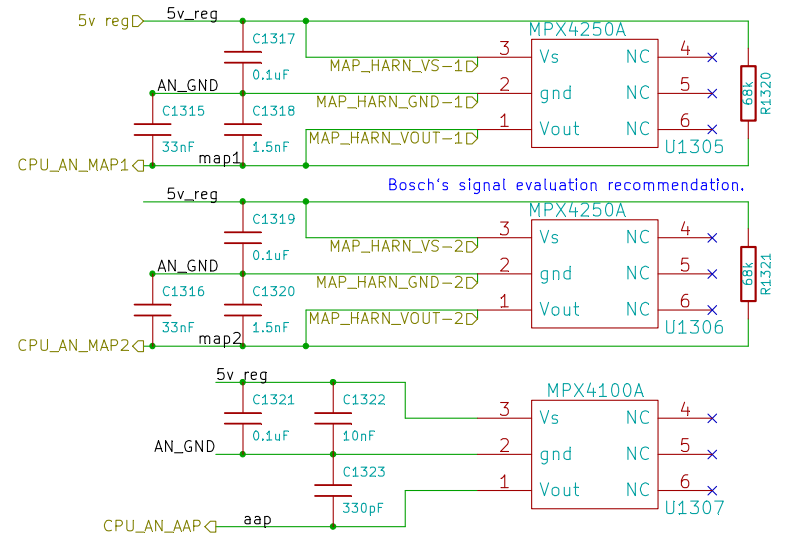
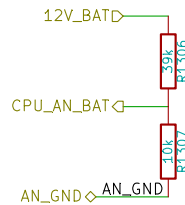
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Id: 12/13



BATTERY SENSOR



misc input signals

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File: SENSOR_INPUTS.sch

Sheet: /SENSOR_INPUTS.sch/

Title: freeEMS PLUS from Cinch template

Size: A4 Date: 1 sep 2011

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

Rev: A-DRAF

Id: 13/13