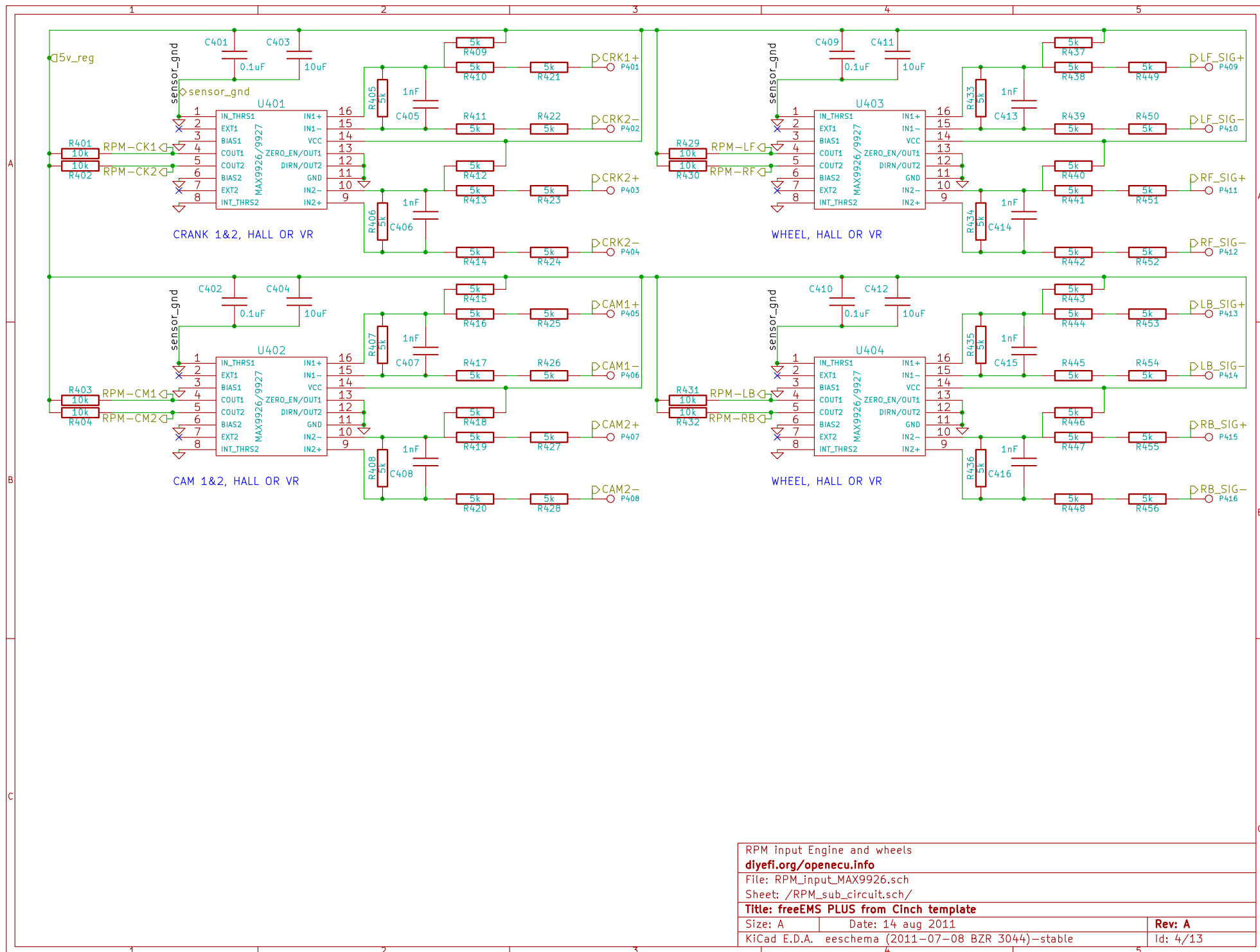
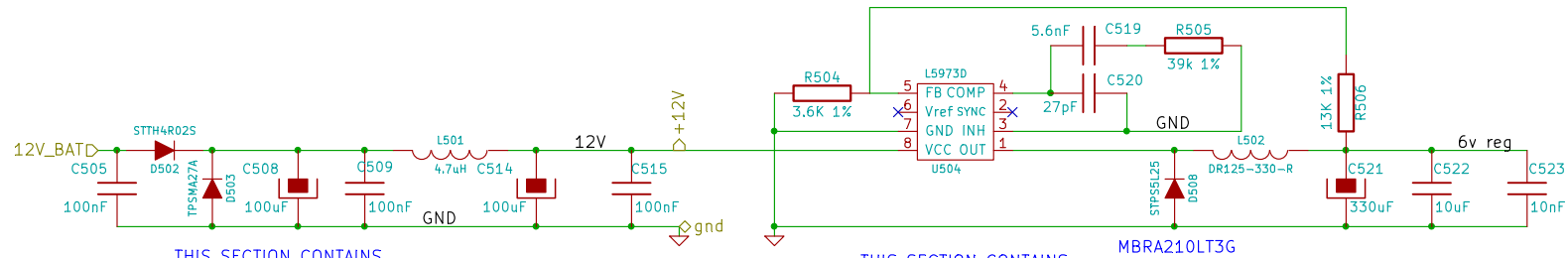


Injection circuits	
diyefi.org/openecuc.info	
File: efi-drivers_sub_circuits.sch	
Sheet: /efi/	
Title: freeEMS PLUS from Cinch template	
Size: B	Date: 14 aug 2011
KiCad E.D.A.	eeschema (2011-07-08 BZR 3044)-stable
	Id: 2/13

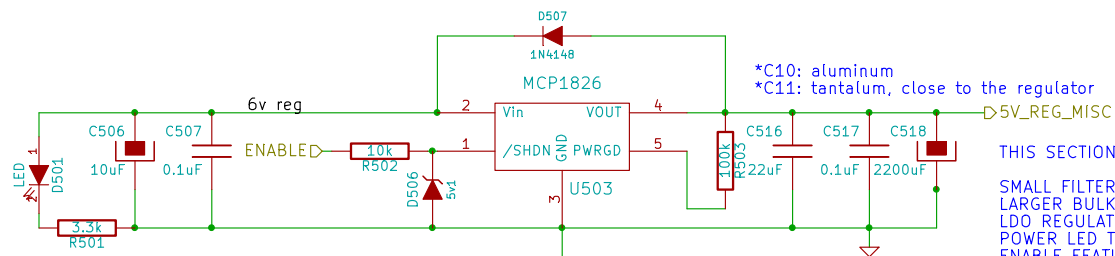


RPM input Engine and wheels		
diyefi.org/openecu.info		
File: RPM_input_MAX9926.sch		
Sheet: /RPM_sub_circuit.sch/		
Title: freeEMS PLUS from Cinch template		
Size: A	Date: 14 aug 2011	Rev: A
KiCad E.D.A. eeschema (2011-07-08 BZR 3044)-stable		Id: 4/13



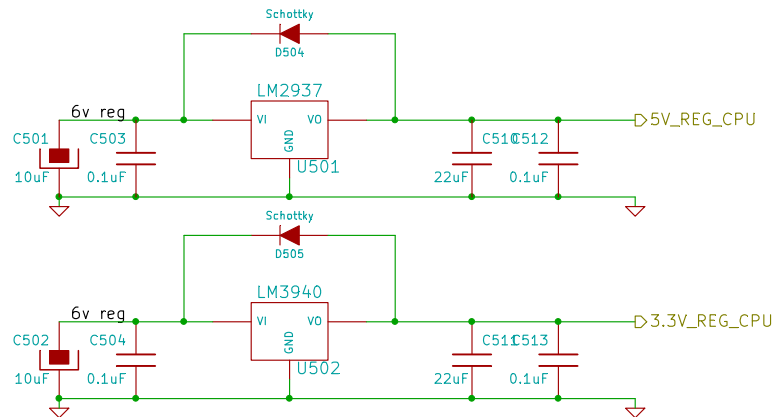
FILTER/BULK CAPS
REVERSE POLARITY PROTECTION DIODE
REVERSE POLARITY SPIKE PROTECTION
TRANSIENT INDUCTOR

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)

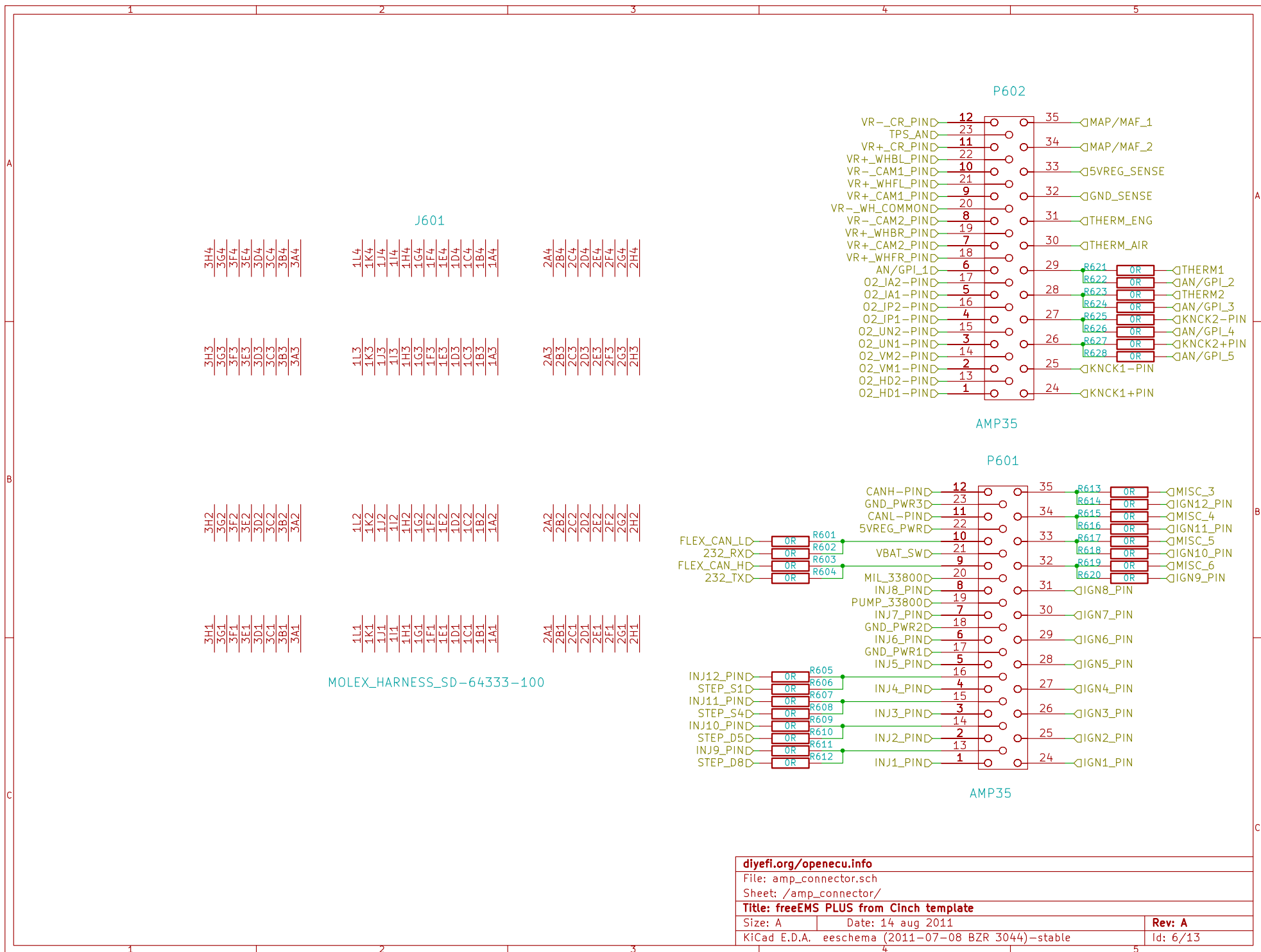
SMALL FILTERING CAPS TO PREVENT OSSILATION
LARGER BULK CAPS TO HANDLE THE BULK NEEDS
LDO REGULATOR TO GENERATE A 1 AMP ACCURATE 5V SOURCE GOOD FOR MISC NEEDS
POWER LED TO INDICATE IT'S POWRED
ENABLE FEATURE TO ALLOW MCU TO TURN THINGS OFF.
REVERSE POLARITY DIODE PROTECTING THE MCP1826

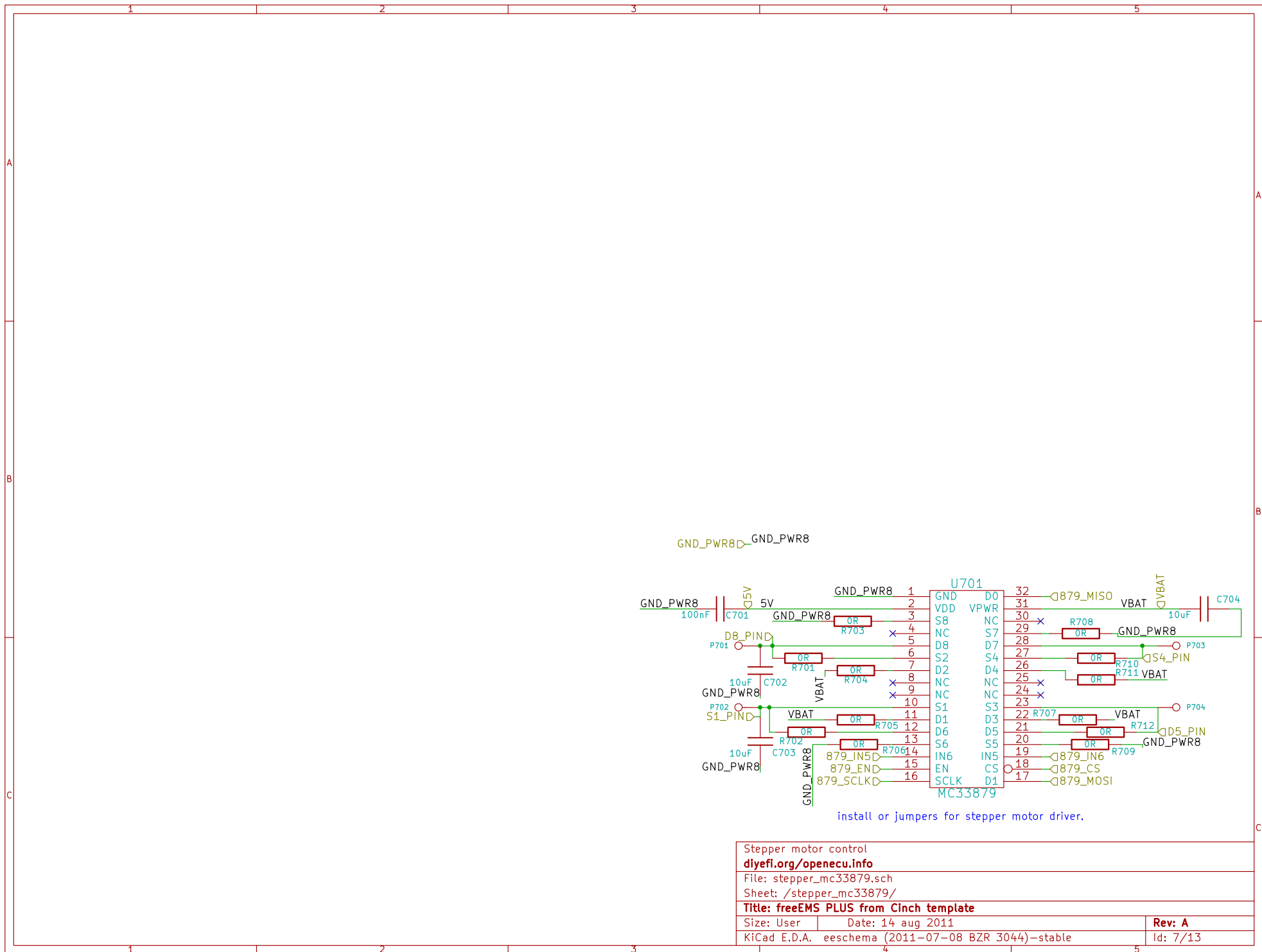


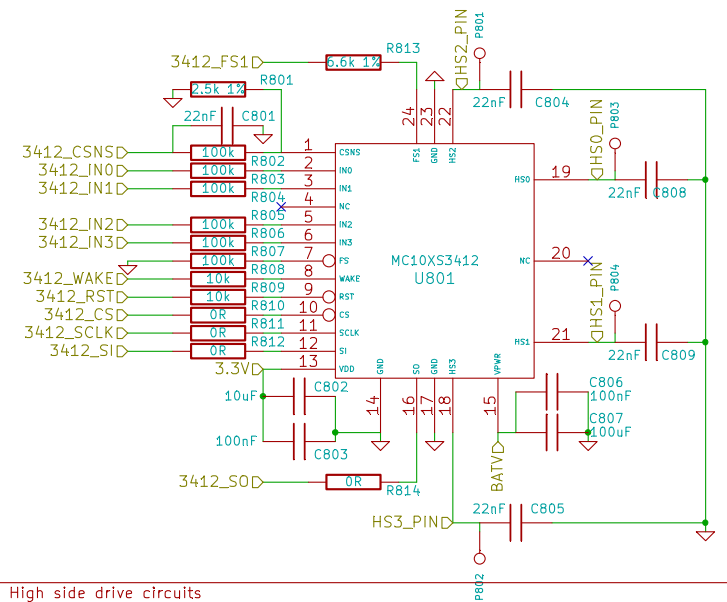
SMALL FILTERING CAPS TO PREVENT OSSILATION
LARGER BULK CAPS TO HANDLE THE BULK NEEDS
LDO REGULATOR TO GENERATE A 1 AMP 5V PERCISSION LOW RIPPLE SOURCE

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

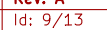
power regulator		
diyefi.org/openecu.info		
File: power_reg.sch		
Sheet: /power regulator constant/		
Title: freeEMS PLUS from Cinch template		
Size: A	Date: 14 aug 2011	Rev: A
KiCad E.D.A. eeschema (2011-07-08 BZR 3044)-stable		Id: 5/13

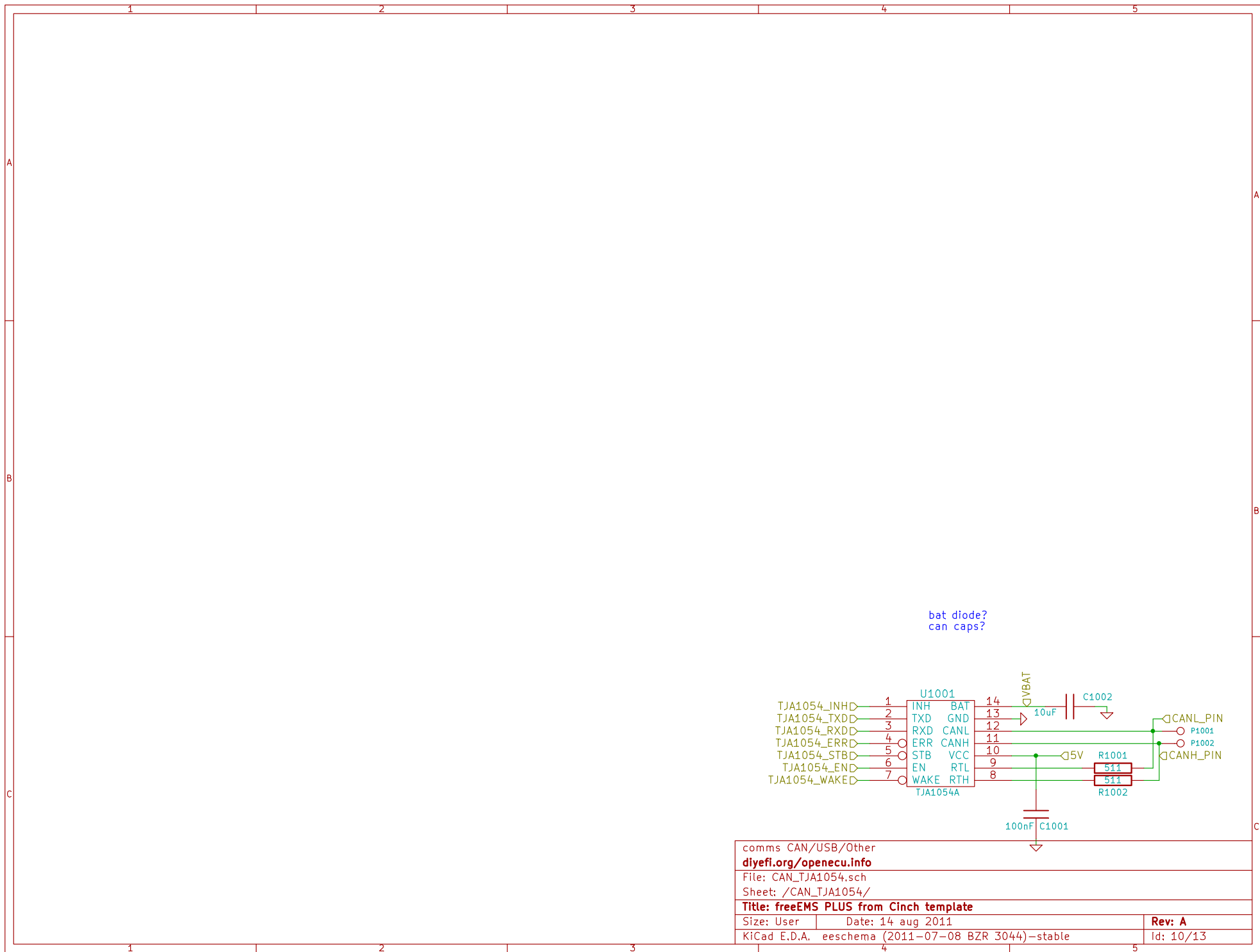


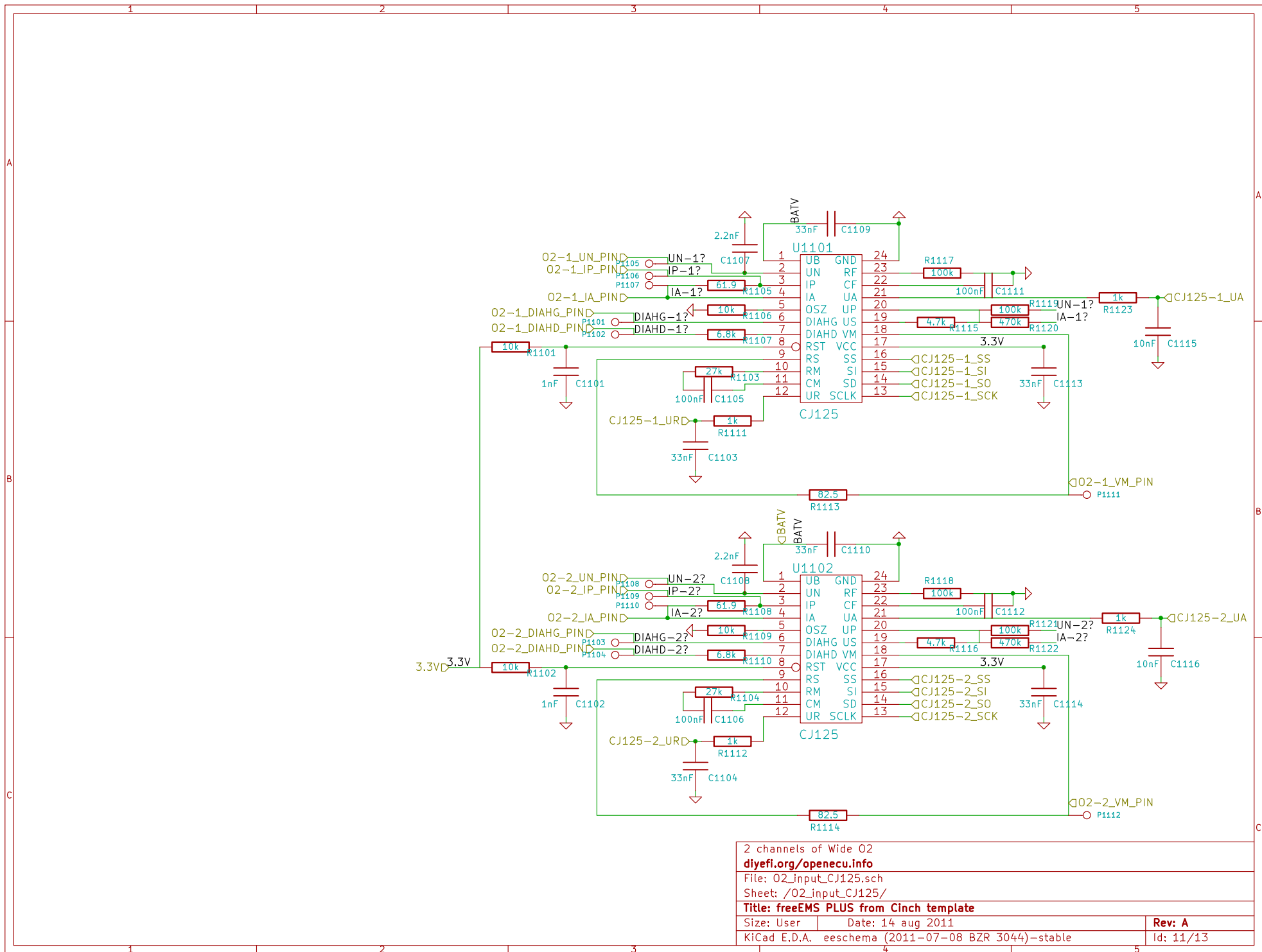




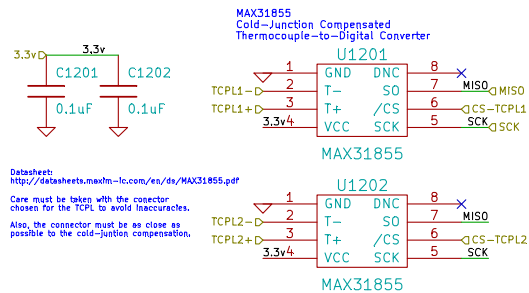
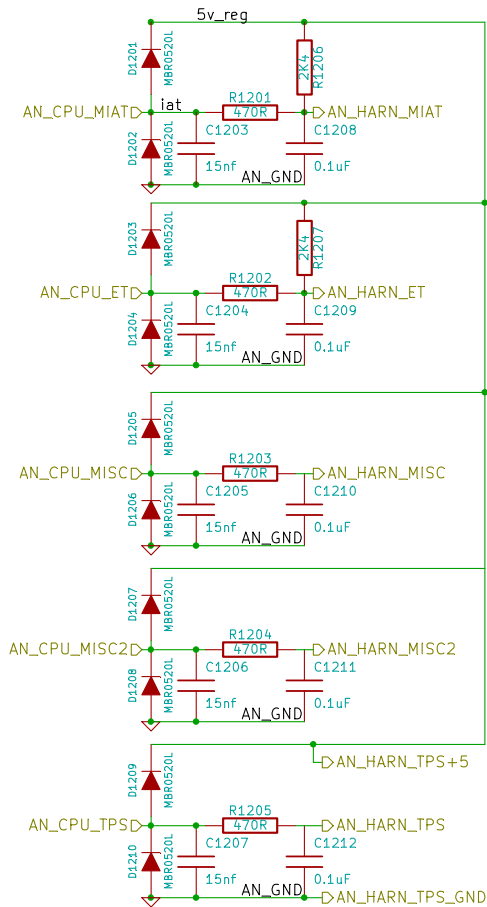
High side drive circuits	
diyefi.org/openecu.info	
File: high_side_drive.sch	
Sheet: /high_side_drive1/	
Title: freeEMS PLUS from Cinch template	
Size: A4	Date: 14 aug 2011
KiCad E.D.A. eeschema (2011-07-08 BZR 3044)-stable	
Rev: A	
Id: 8/13	



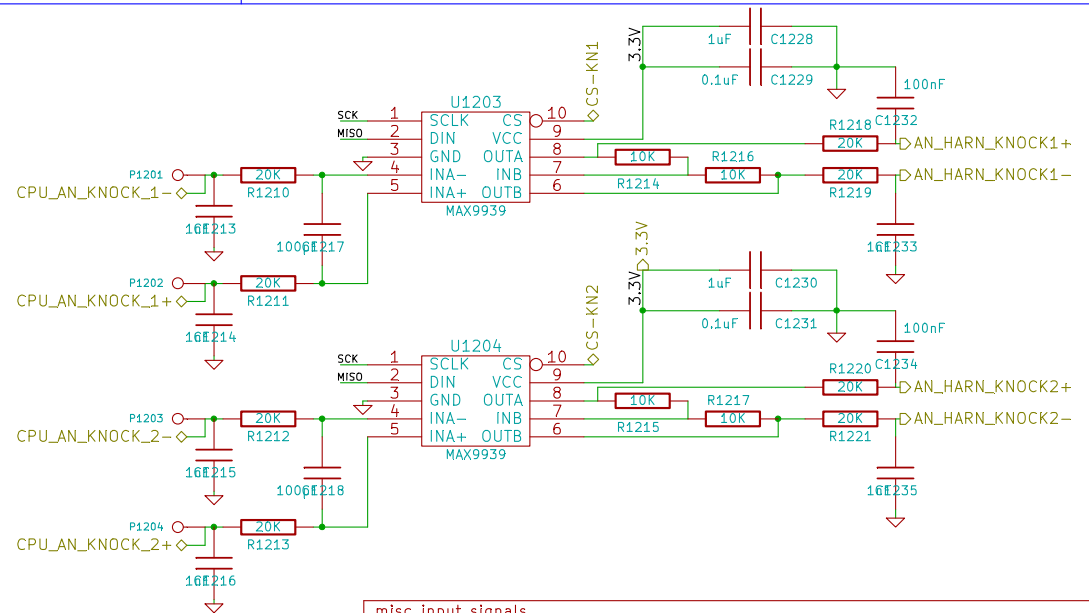
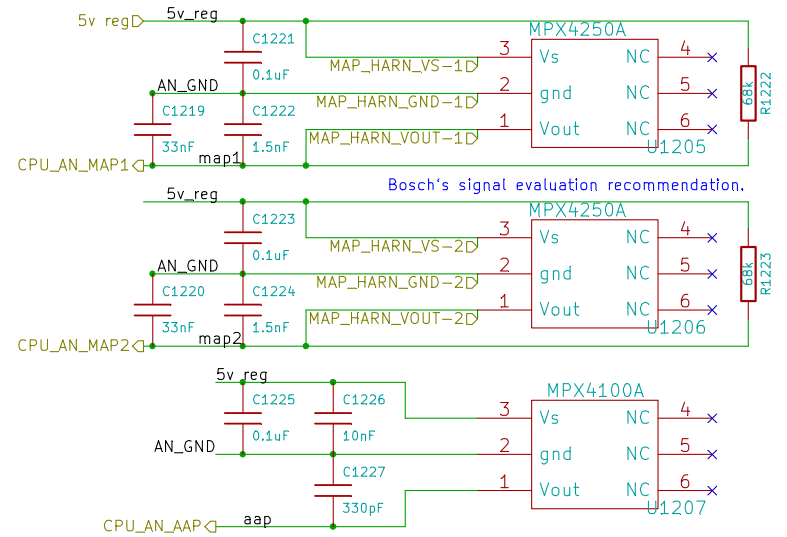
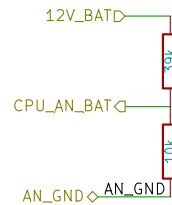




2 channels of Wide O2		
diyefi.org/openecu.info		
File: O2_input_CJ125.sch		
Sheet: /O2_input_CJ125/		
Title: freeEMS PLUS from Cinch template		
Size: User	Date: 14 aug 2011	Rev: A
KiCad E.D.A. eeschema (2011-07-08 BZR 3044)-stable		Id: 11/13



BATTERY SENSOR



misc input signals

diyefi.org/openecu.info

File: SENSOR_INPUTS.sch

Sheet: /SENSOR_INPUTS.sch/

Title: freeEMS PLUS from Cinch template

Size: A4

Date: 14 aug 2011

Rev: A

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

Id: 12/13

