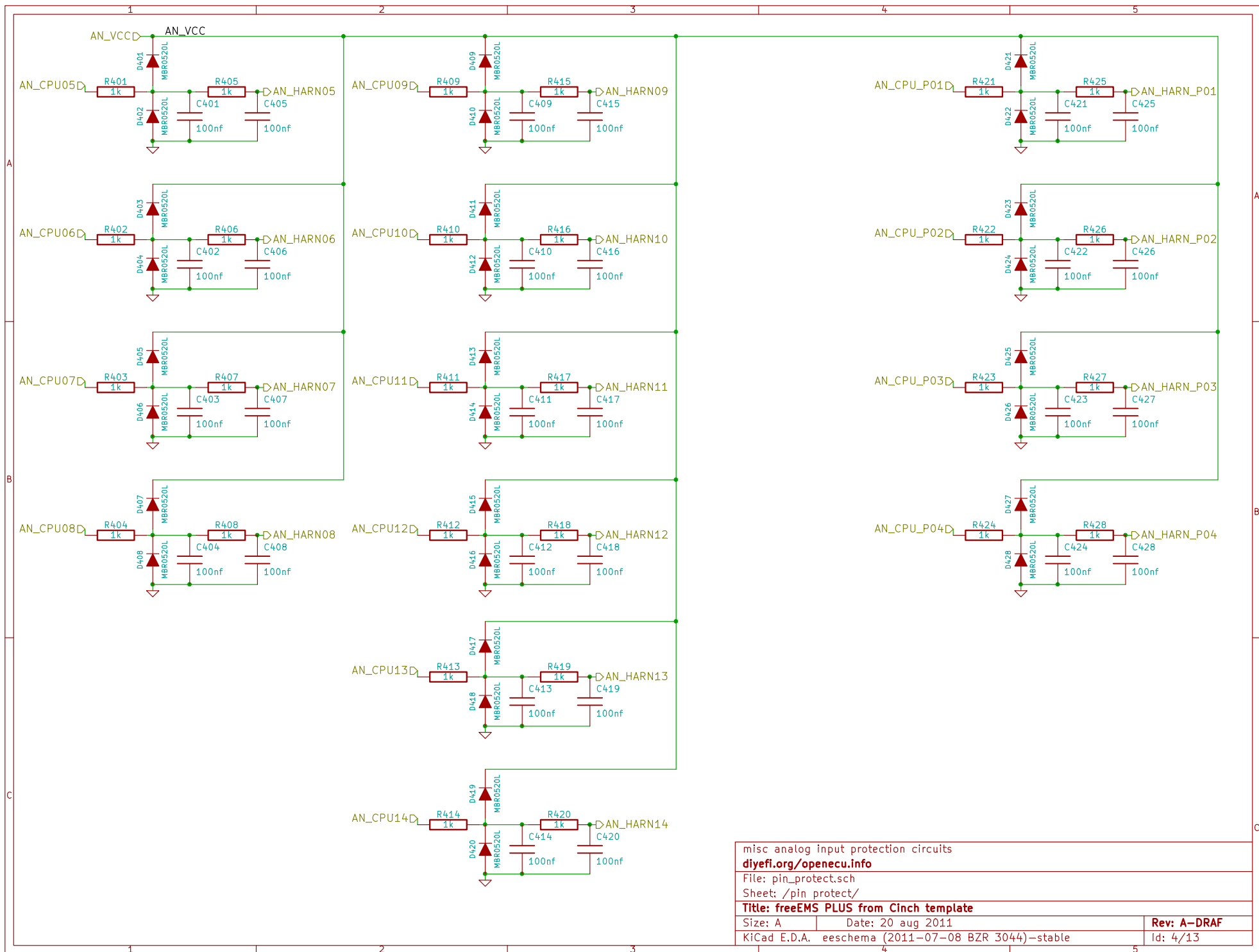




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Size: A	Date: 20 aug 2011	Rev: A-DRAF
KiCad E.D.A. eeschema (2011-07-08 BZR 3044)-stable		Id: 3/13



misc analog input protection circuits

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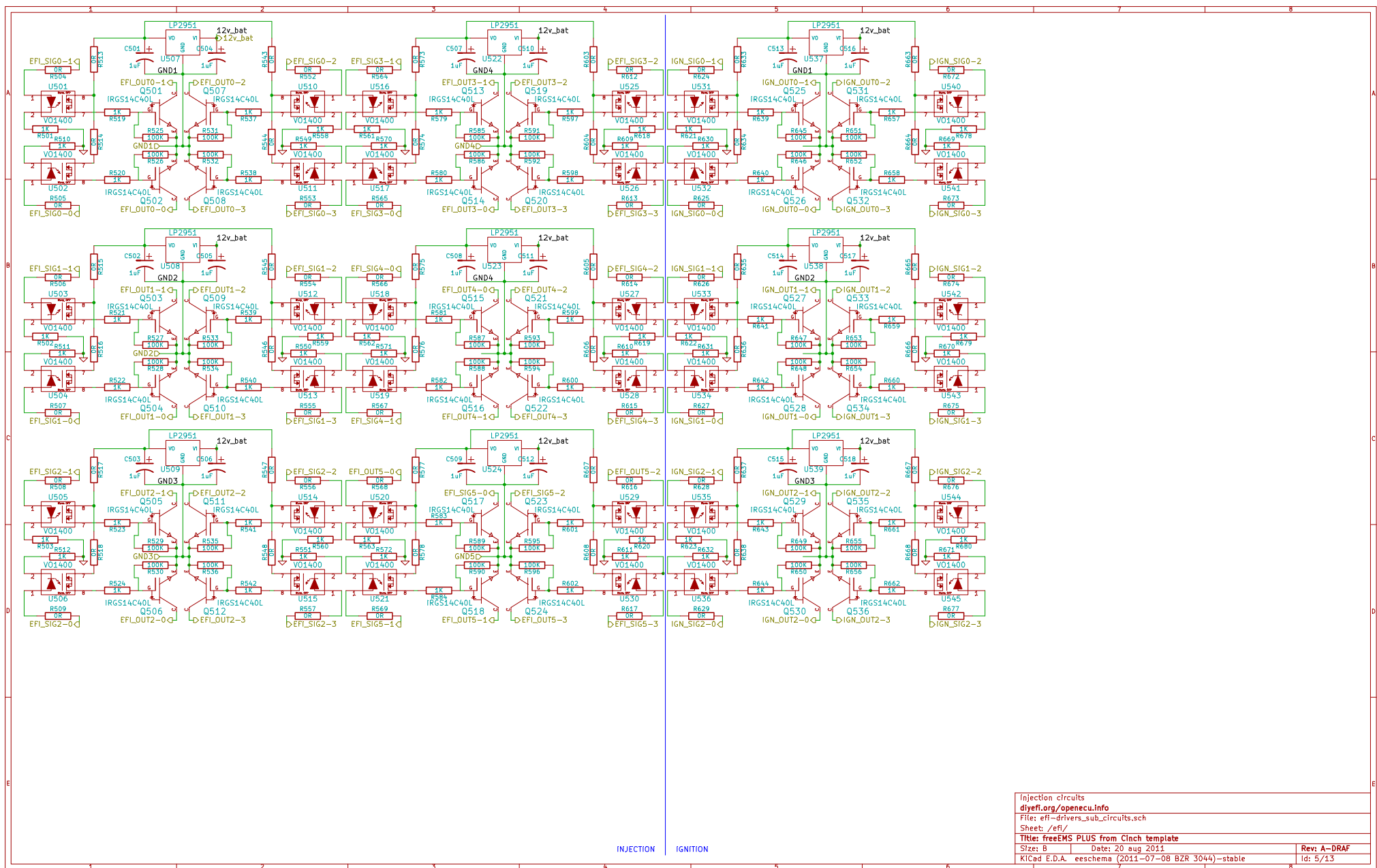
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Rev: A-DRAF

Id: 4/13



Injection circuits

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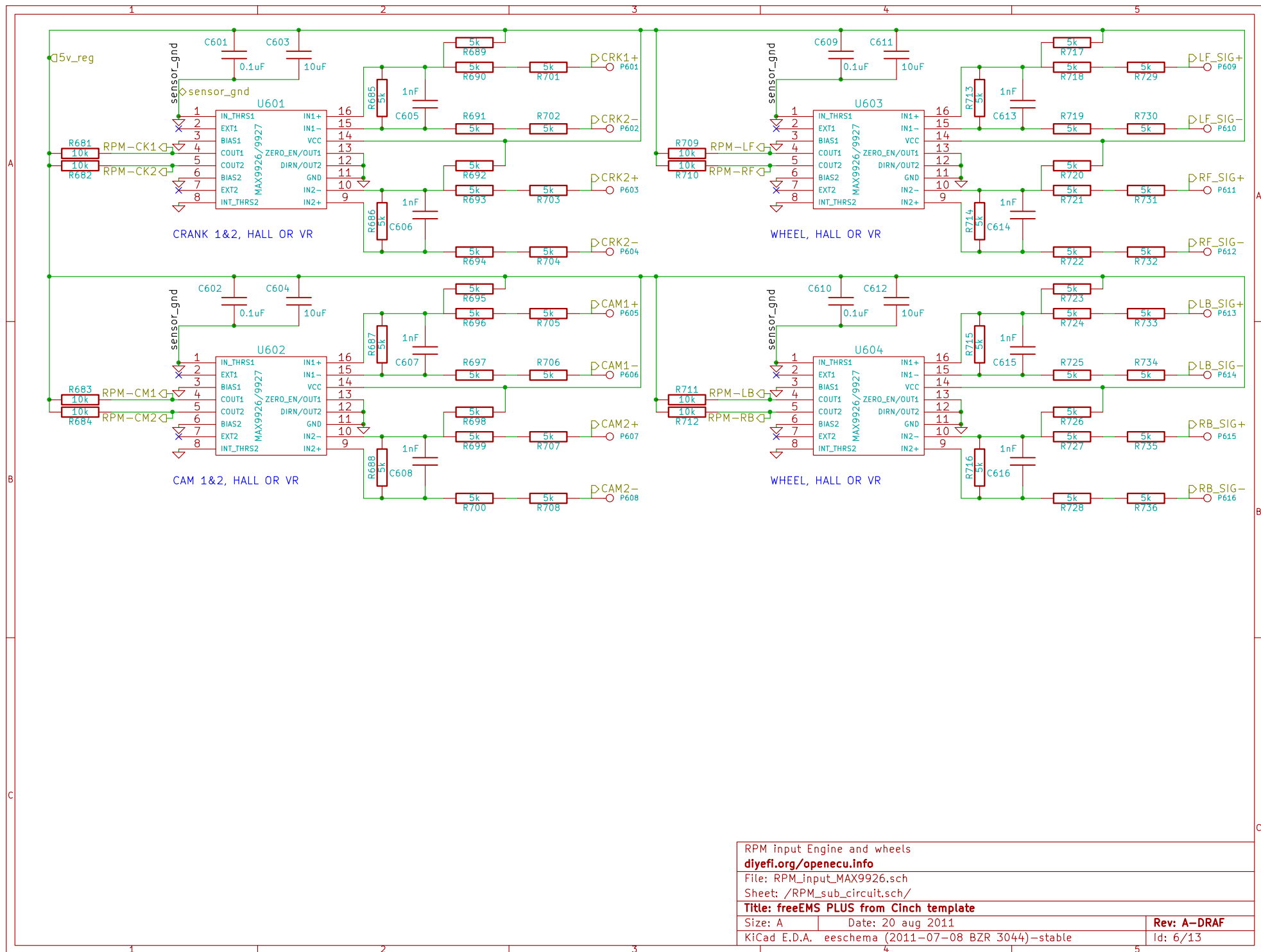
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Id: 5/13



RPM input Engine and wheels

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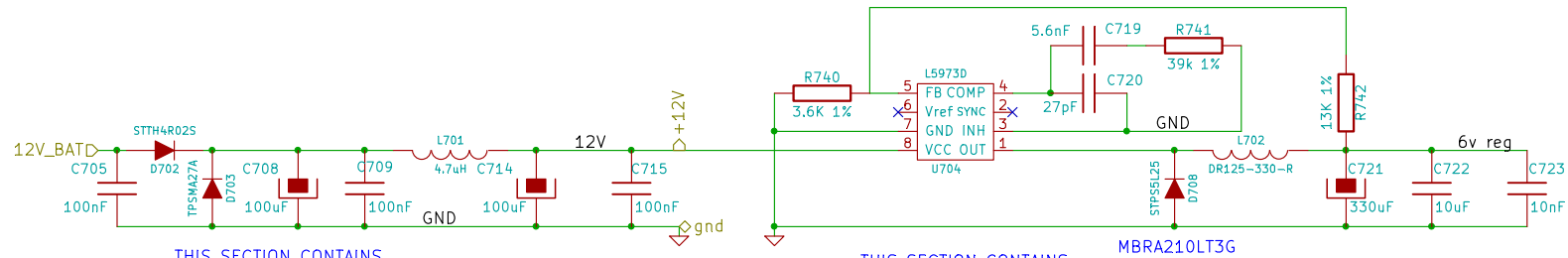
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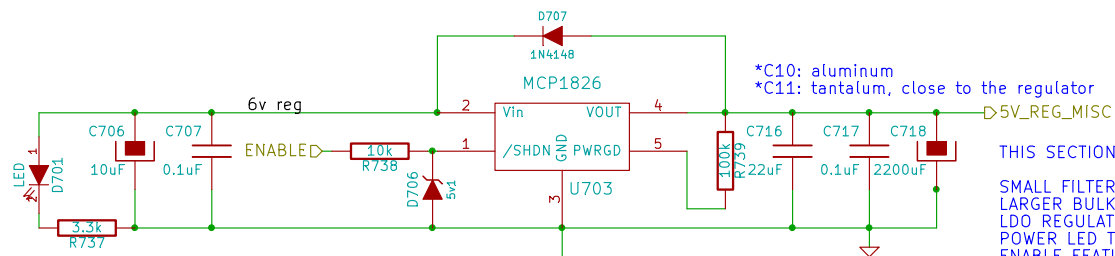
Rev: A-DRAF

Id: 6/13



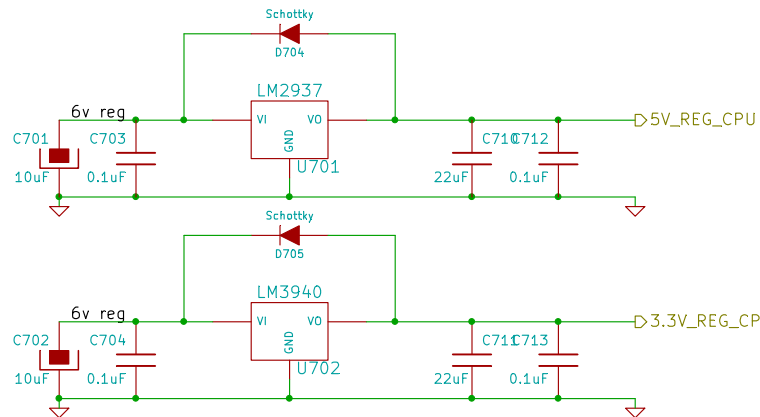
FILTER/BULK CAPS
REVERSE POLARITY PROTECTION DIODE
REVERSE POLARITY SPIKE PROTECTION
TRANSIENT INDUCTOR

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)

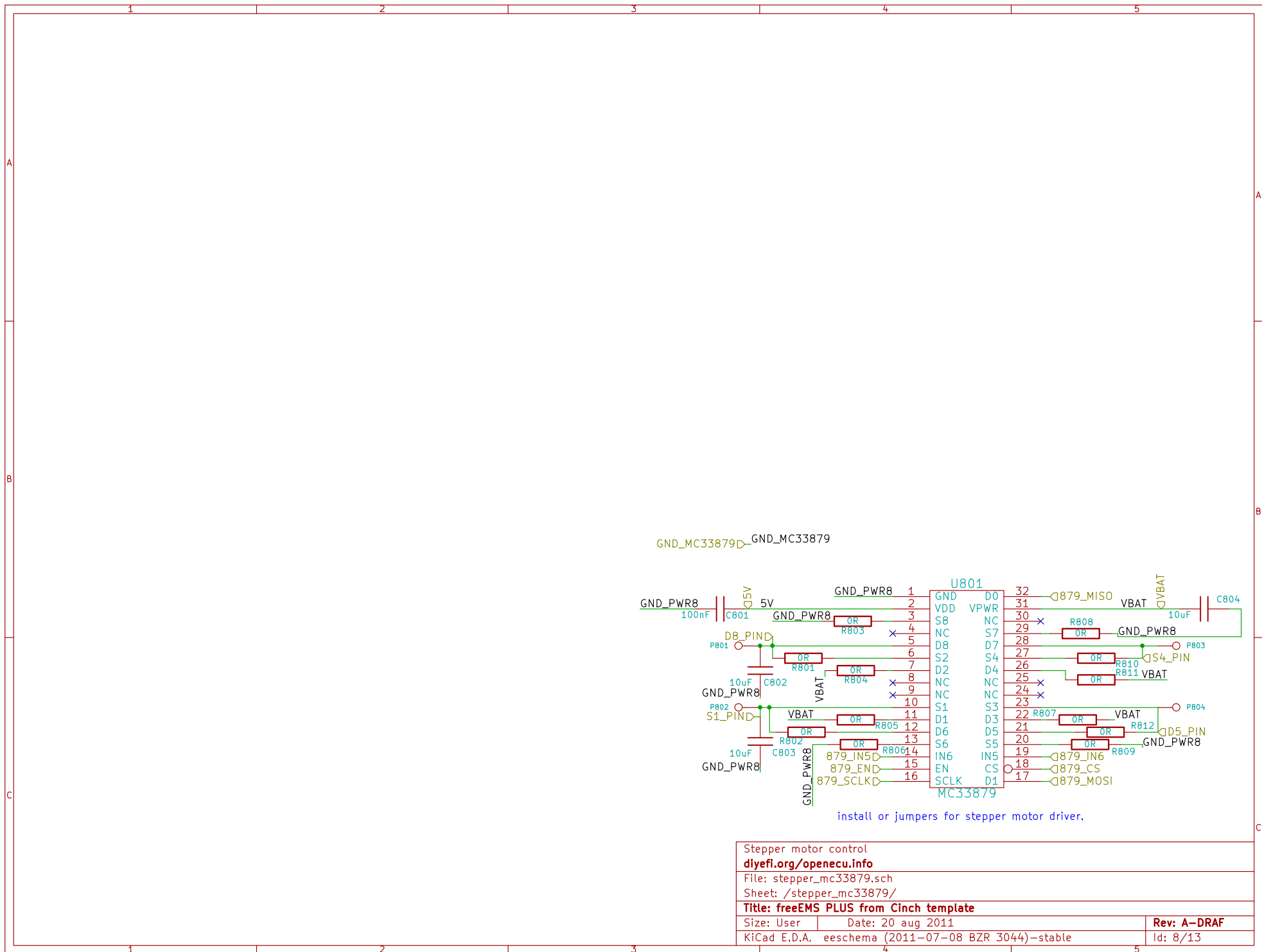
SMALL FILTERING CAPS TO PREVENT OSSILATION
LARGER BULK CAPS TO HANDLE THE BULK NEEDS
LDO REGULATOR TO GENERATE A 1 AMP ACCURATE 5V SOURCE GOOD FOR MISC NEEDS
POWER LED TO INDICATE IT'S POWRED
ENABLE FEATURE TO ALLOW MCU TO TURN THINGS OFF.
REVERSE POLARITY DIODE PROTECTING THE MCP1826

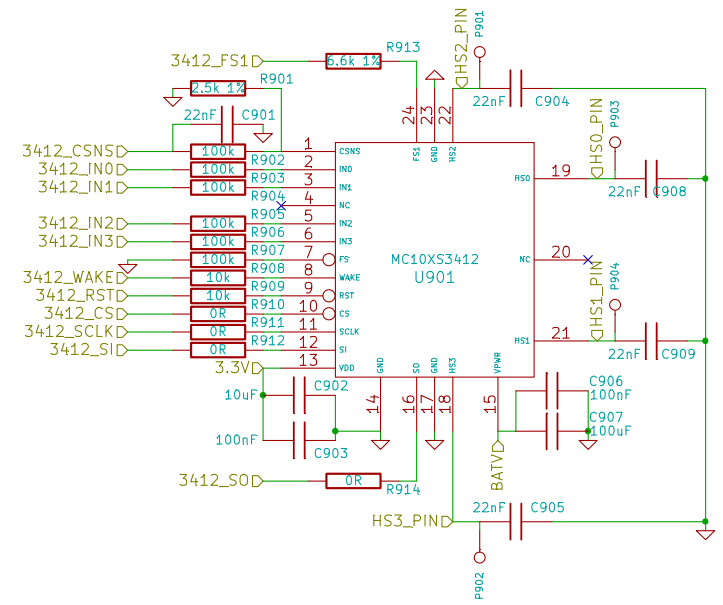


SMALL FILTERING CAPS TO PREVENT OSSILATION
LARGER BULK CAPS TO HANDLE THE BULK NEEDS
LDO REGULATOR TO GENERATE A 1 AMP PERCISSION LOW RIPPLE SOURCE

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

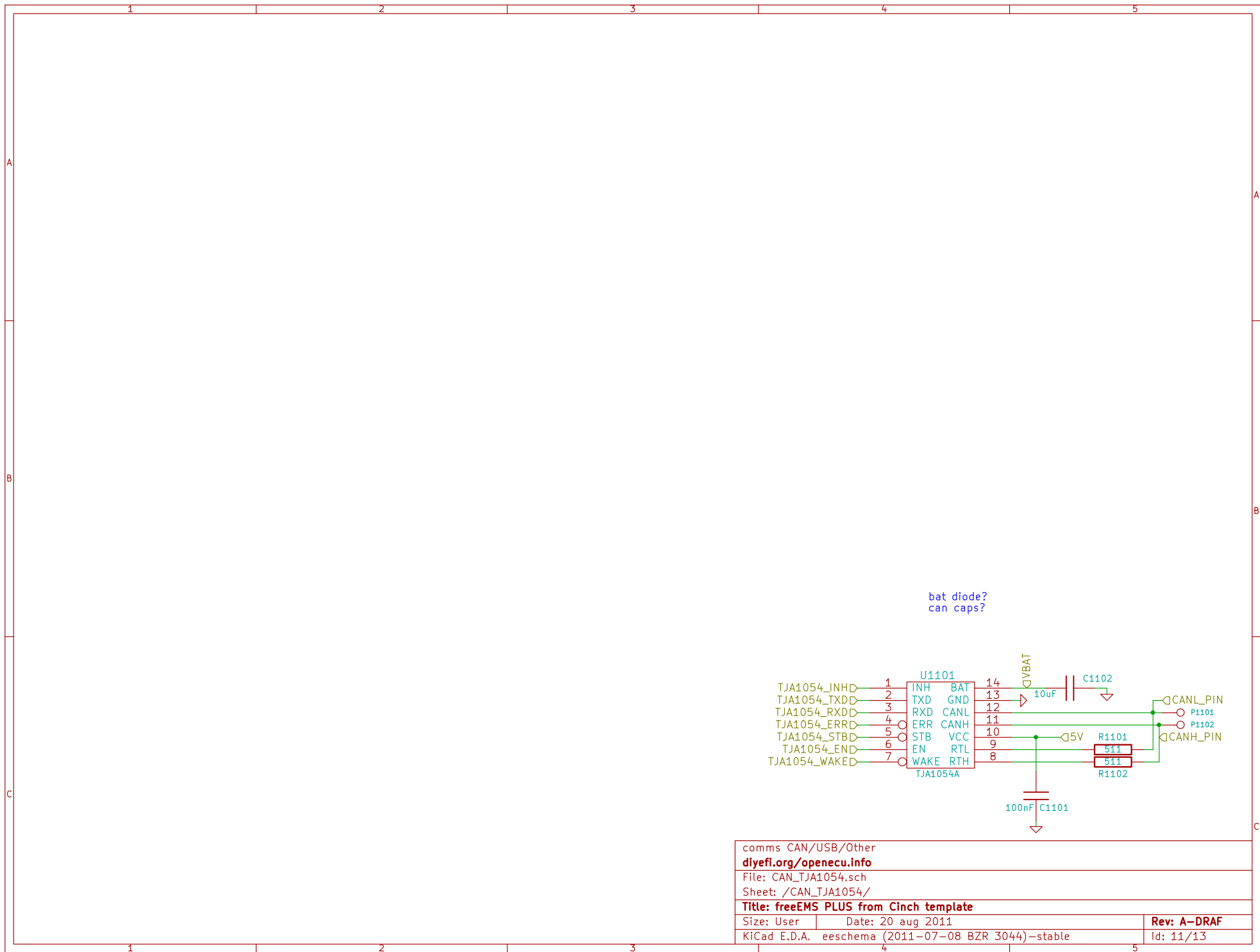
power regulator		
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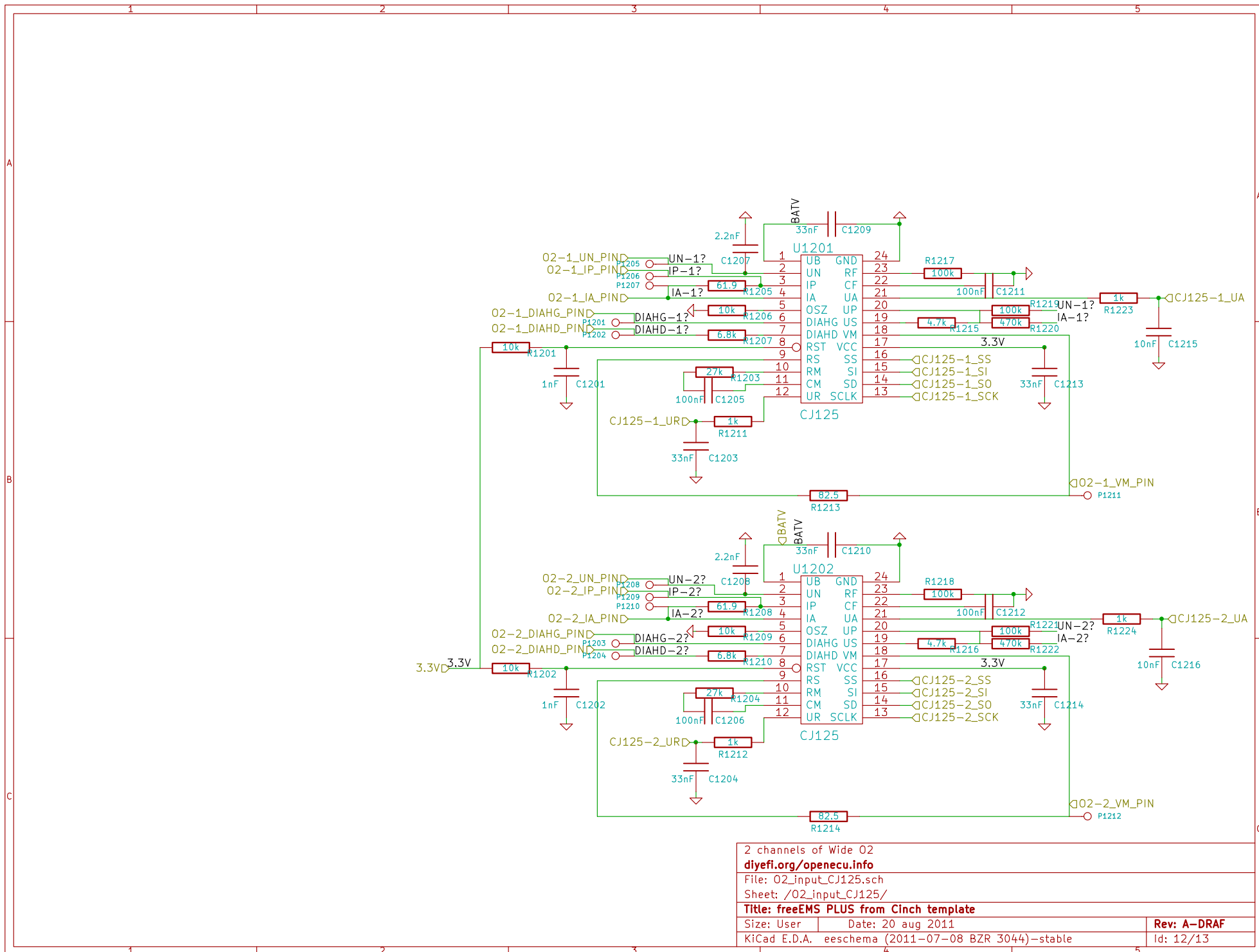




High side drive circuits	
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KiCad E.D.A. eeschema (2011-07-08 BZR 3044)-stable	Rev: A-DRAF
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2 channels of Wide O2

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File: 02_input_CJ125.sch

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Size: User Date: 20 aug 2011

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Id: 12/13

