

Power Supply Board

Power management module for the Marmote platform

<http://marmote.googlecode.com>



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Cover Page

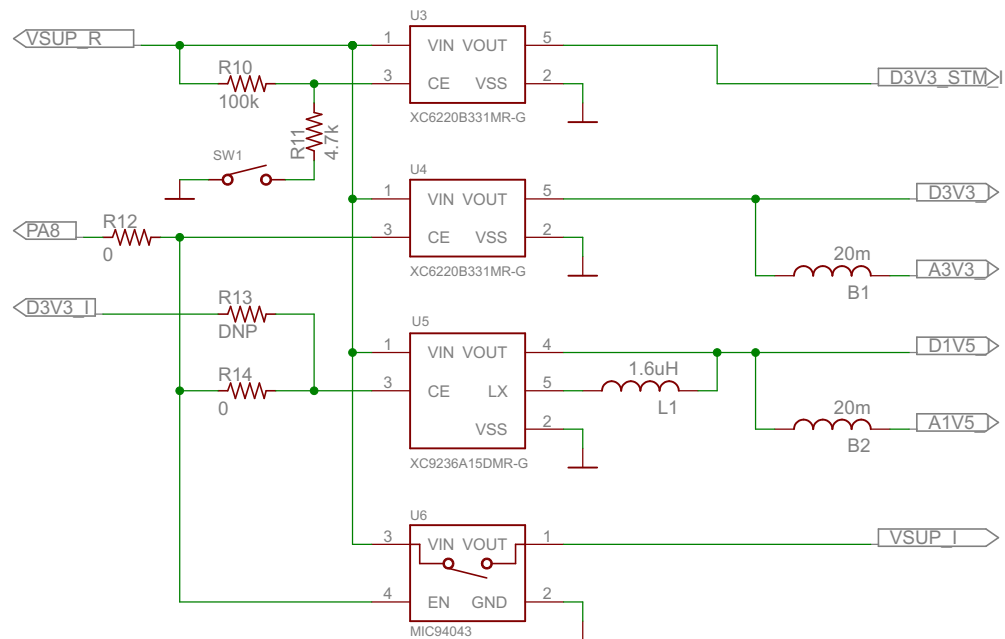
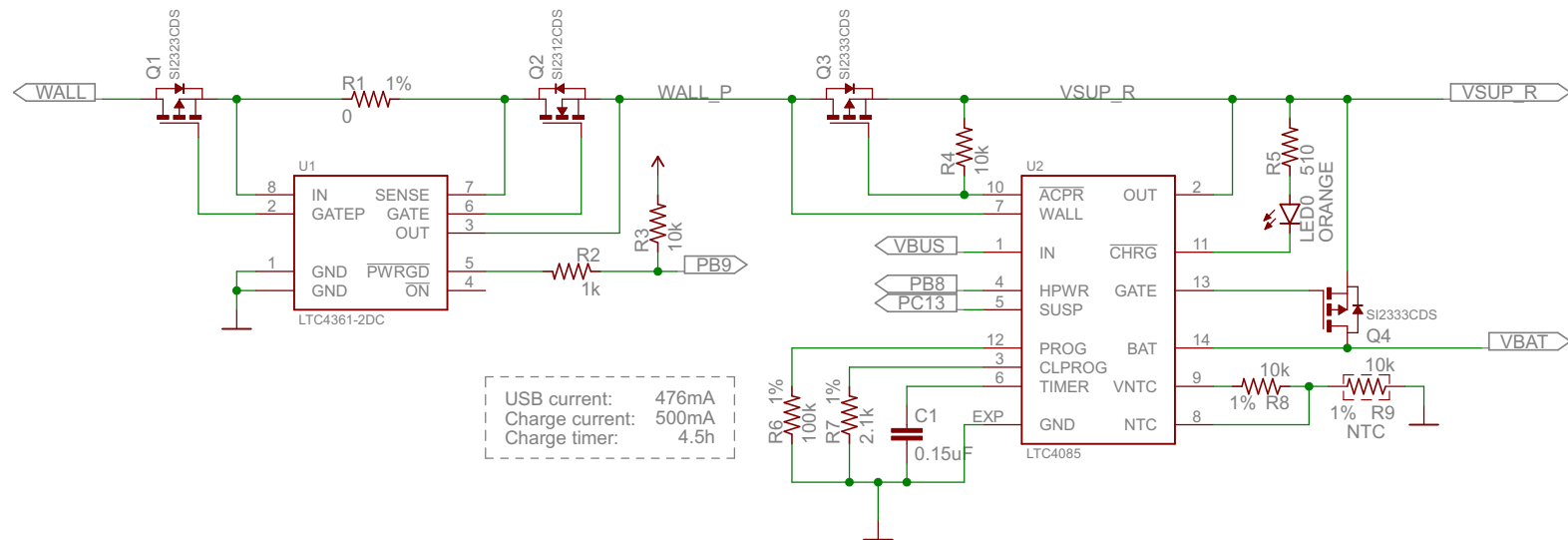
Title: Power Supply Board

Rev: A

Date: 5/19/2011 12:55:12 PM

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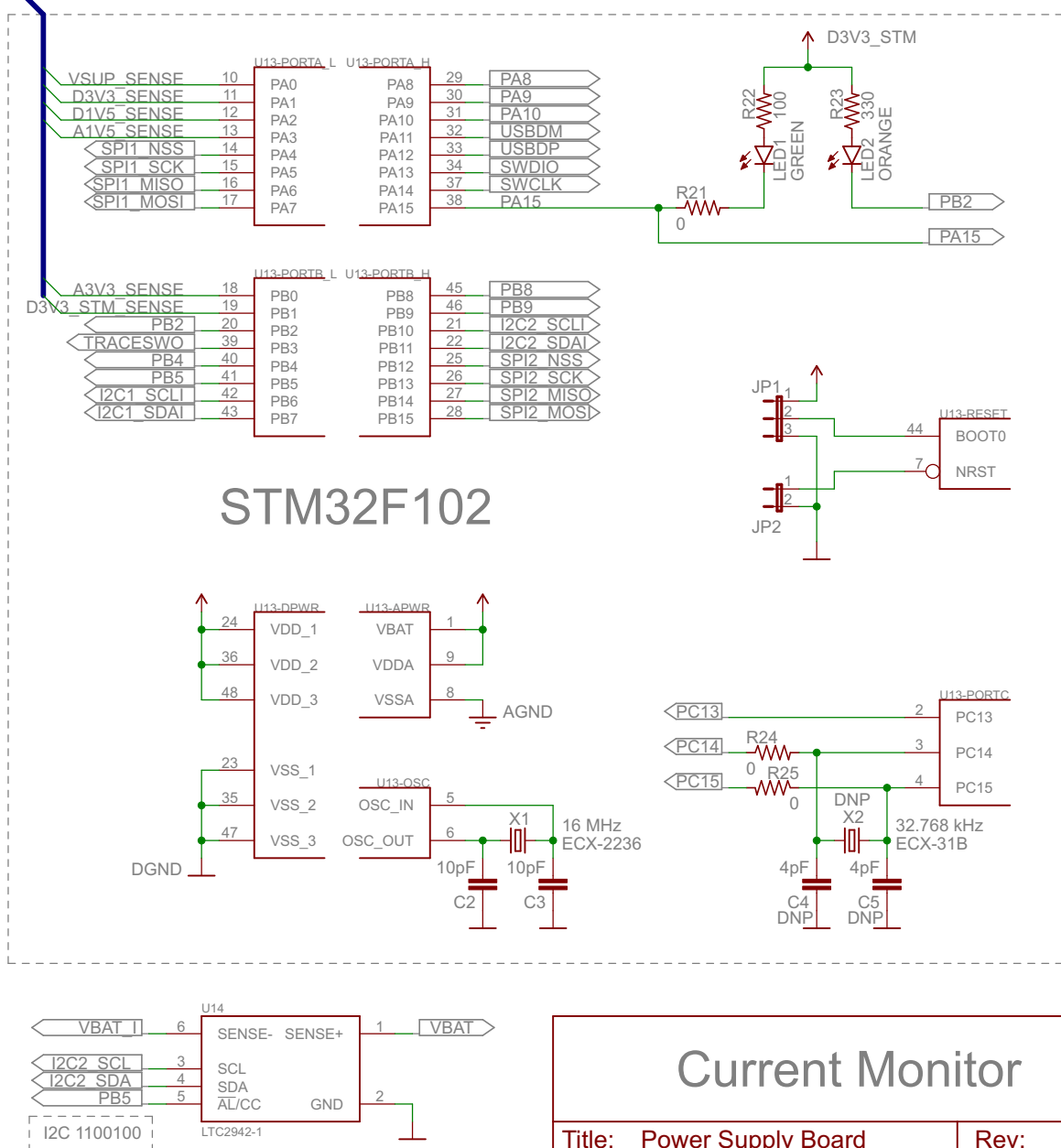
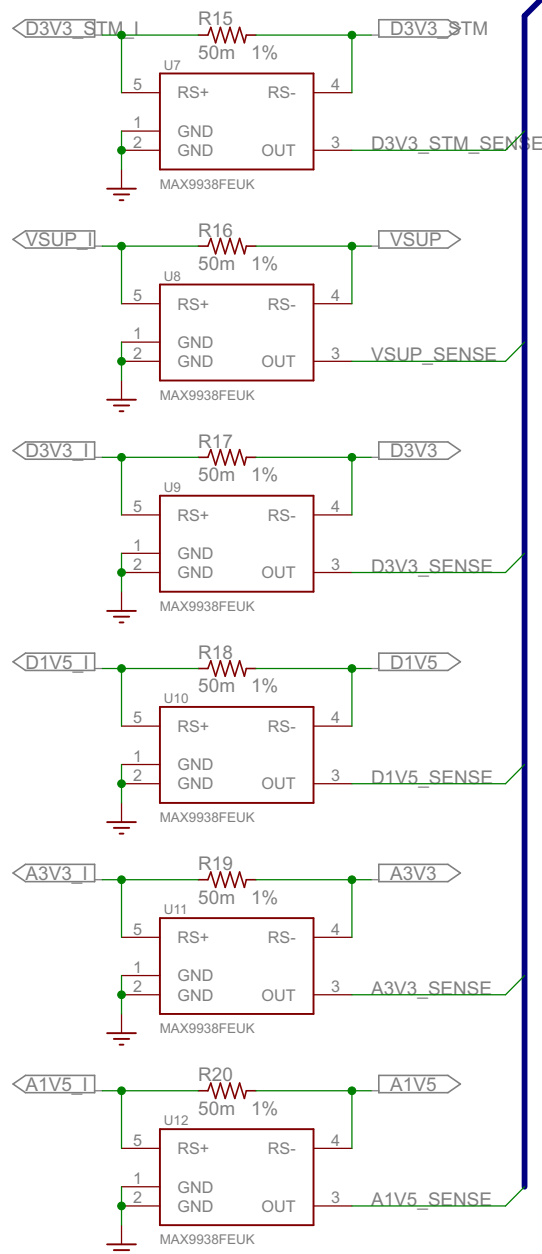
D3V3_STM
Output current: 1000mA
Dropout voltage: 20mV
60mV

D3V3 and A3V3 (total)
Output current: 1000mA
Dropout voltage: 20mV
60mV

D1V5 and A1V5 (total)
Output current: 600mA
Efficiency: 92%

Power Supply

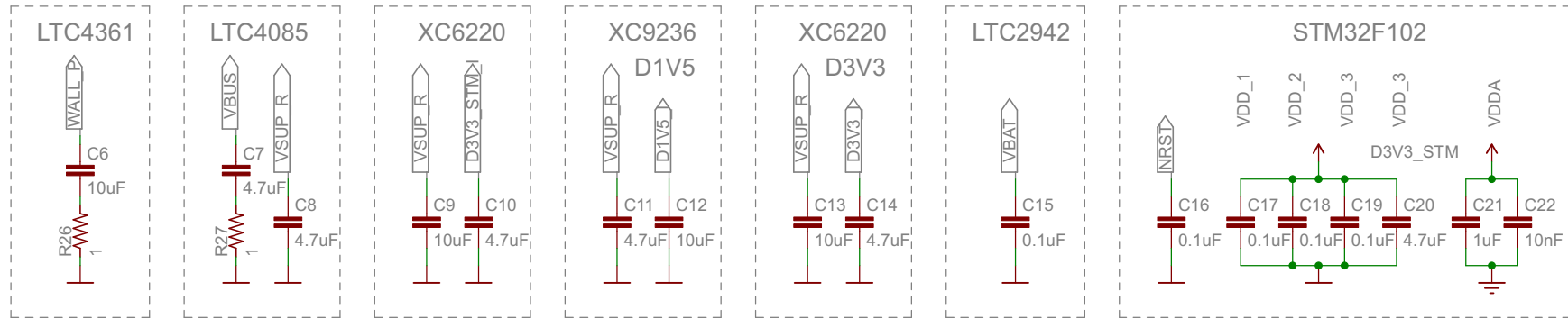
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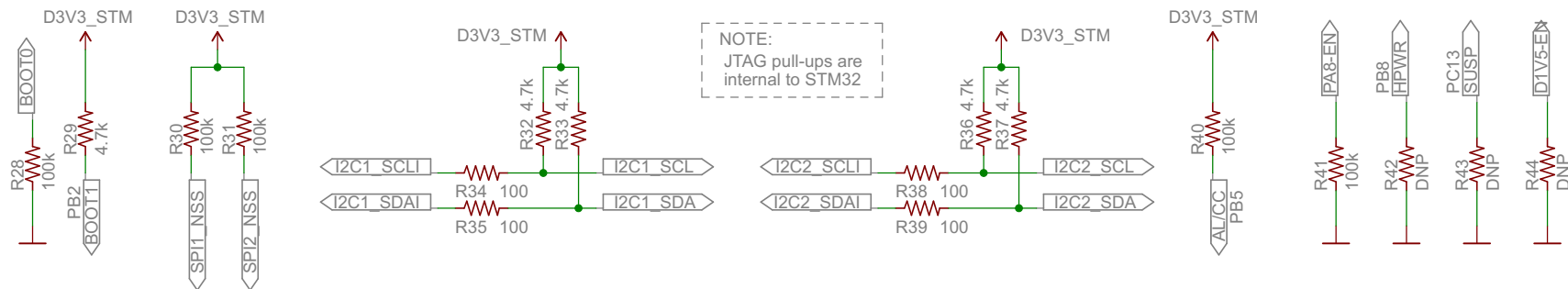
Current Monitor

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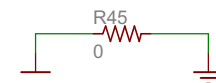
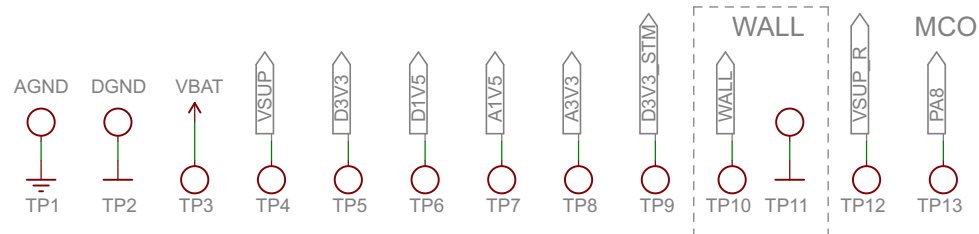
Decoupling capacitors



Pull-up resistors

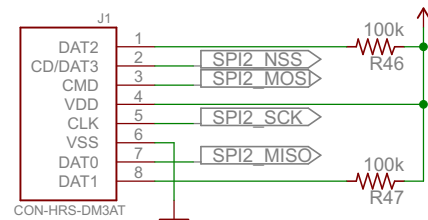


Test points

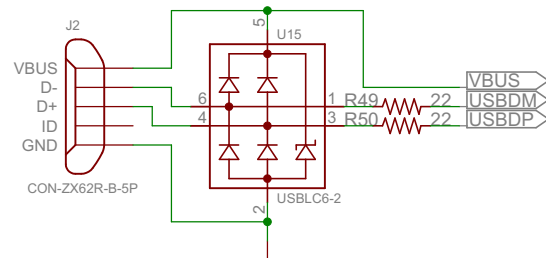


Caps, Pulls and Misc

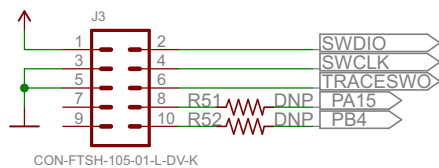
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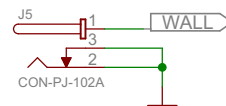
MicroSD card connector



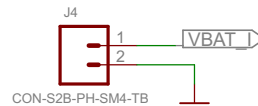
USB connector



Programmer connector



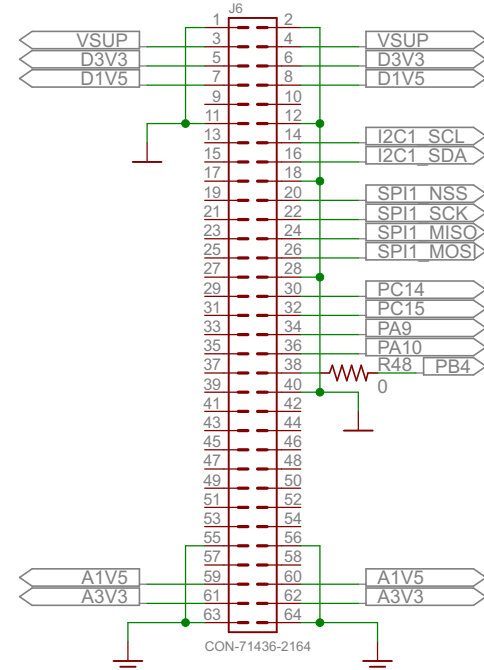
WALL connector



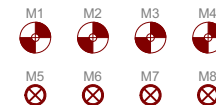
Battery connector



Slide switch



West bridge



Connector

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