

Yellowstone

Power management module for the Marmote platform

<http://marmote.googlecode.com>



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Cover Page

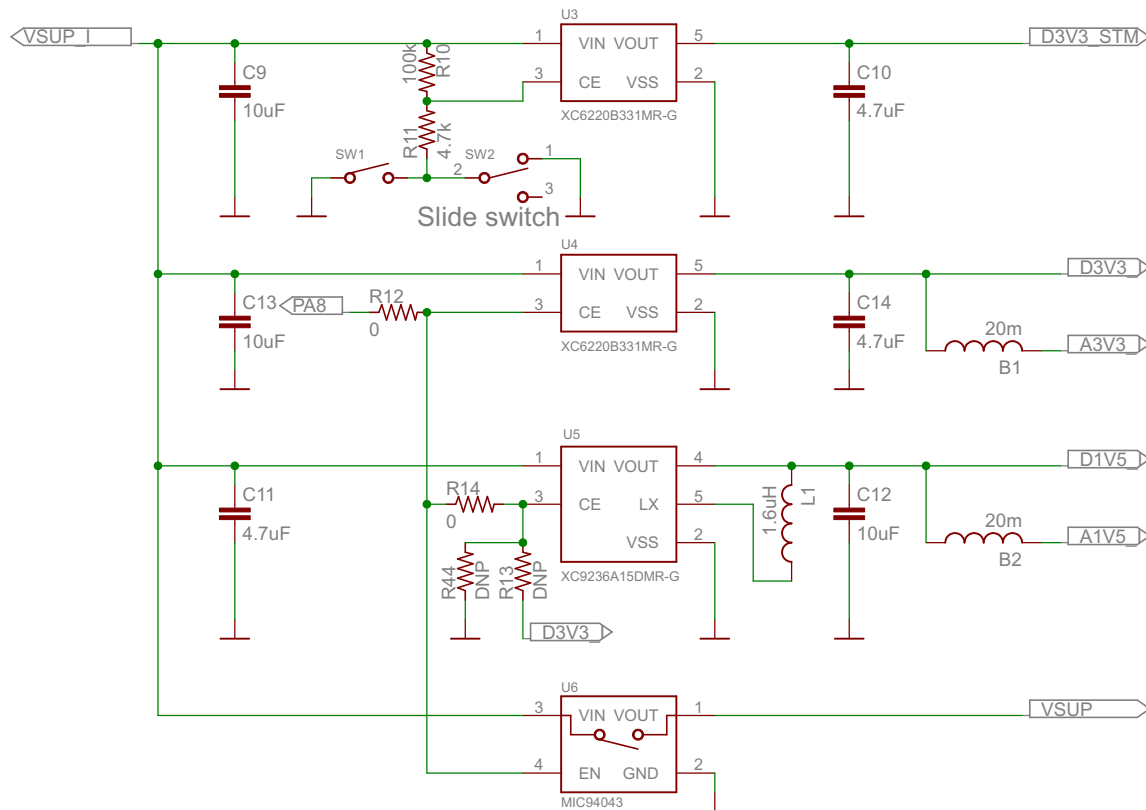
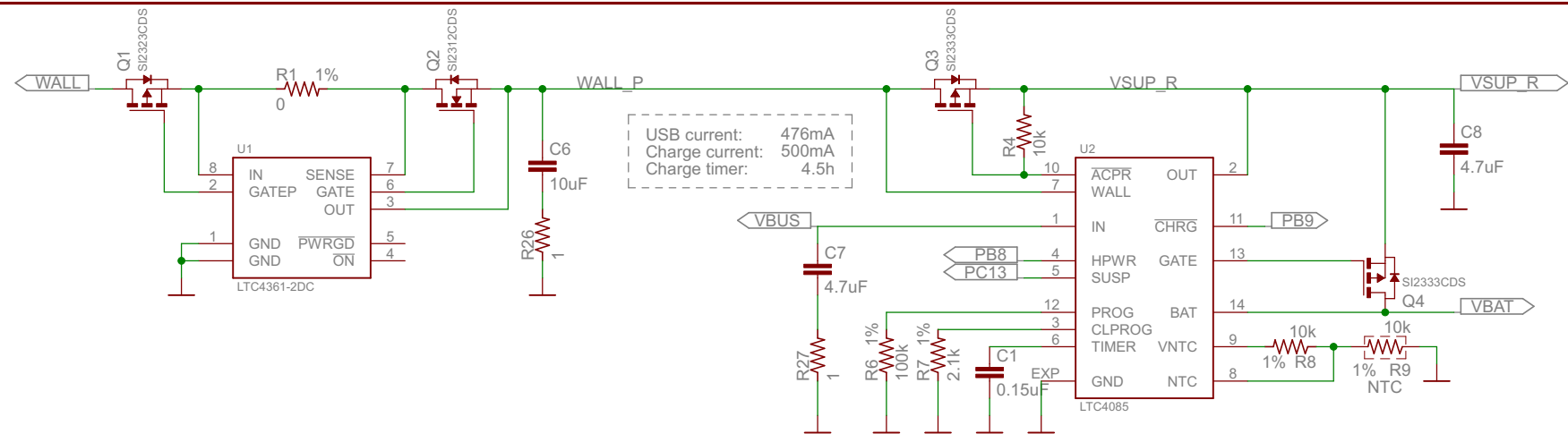
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D3V3_STM
Output current: 1000mA
Dropout voltage: 20mV 60mV

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

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

Power Supply

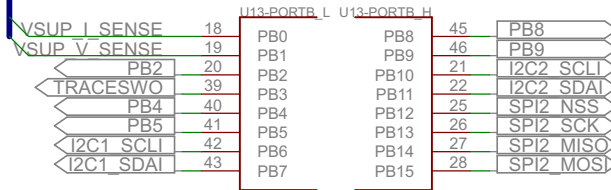
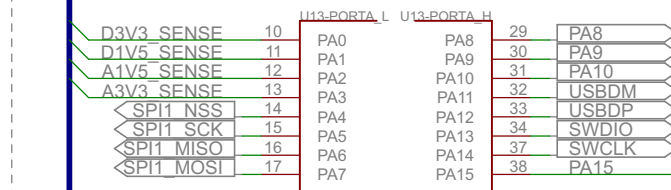
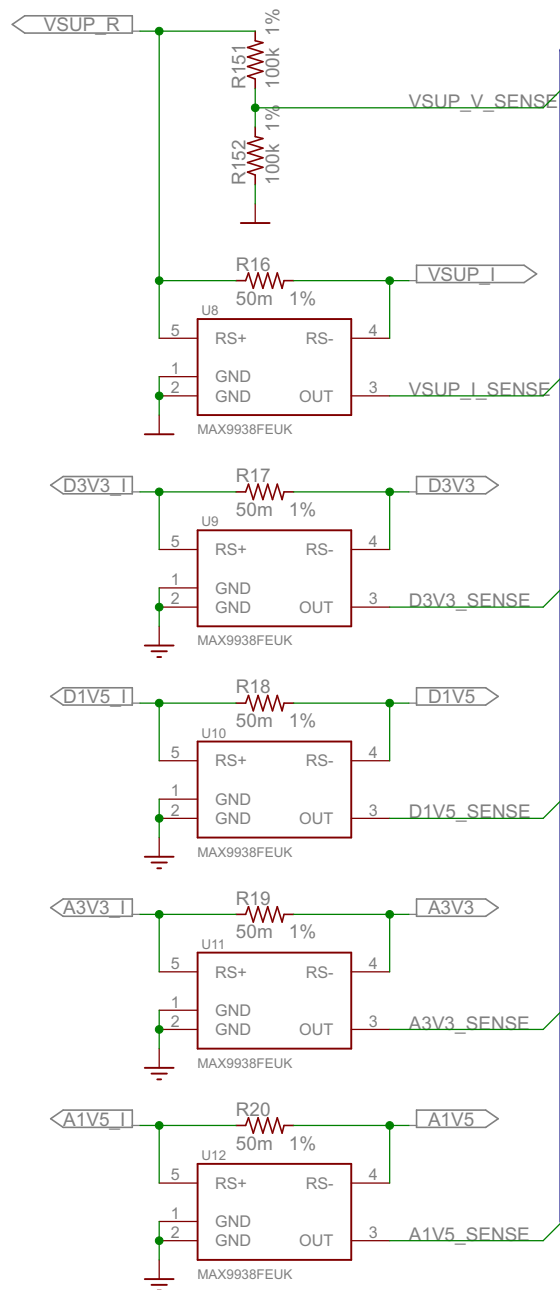
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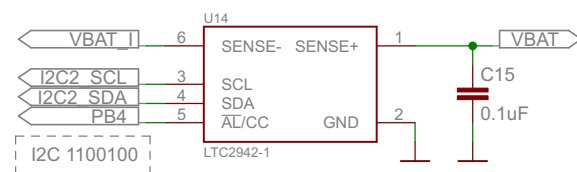
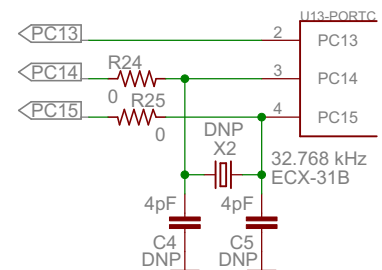
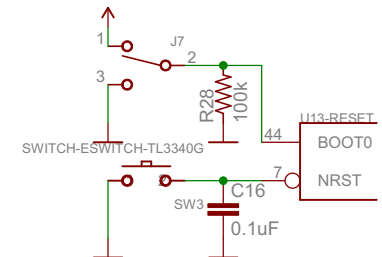
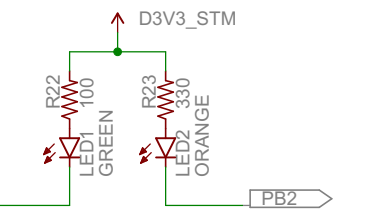
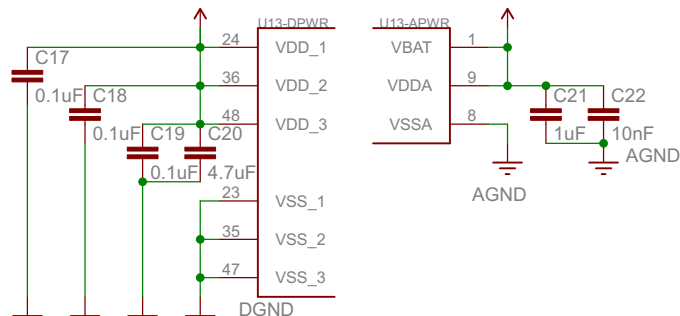
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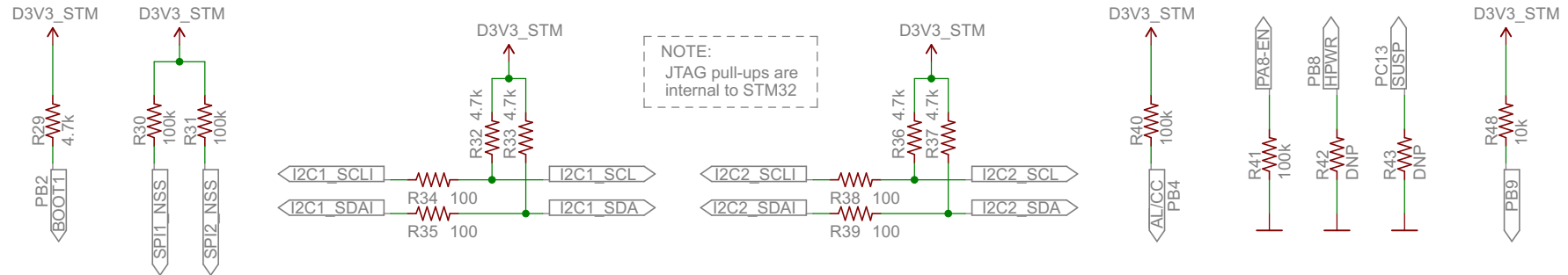
STM32F102



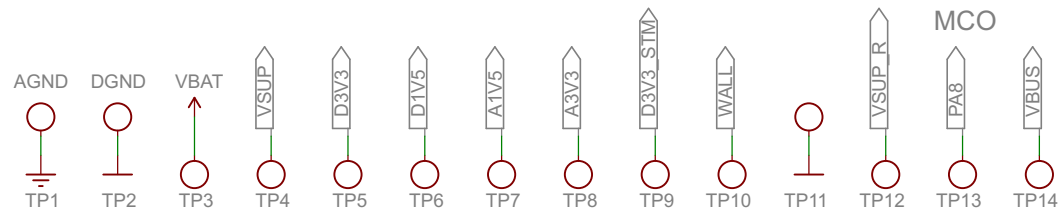
Current Monitor

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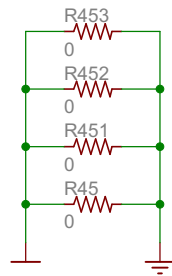
Pull-up resistors



Test points

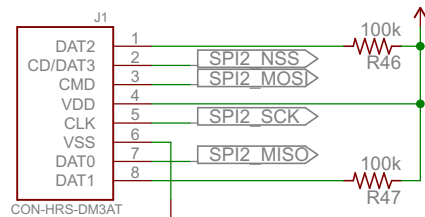


Ground connection

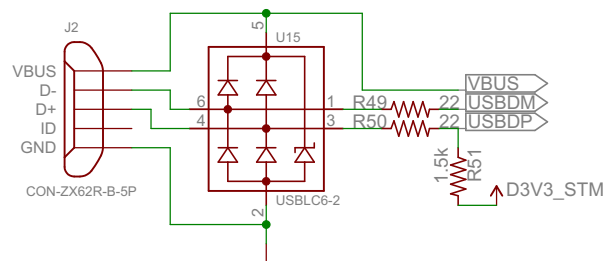


Misc

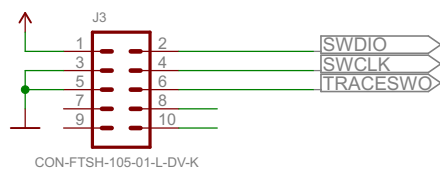
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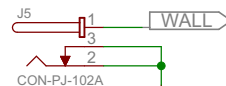
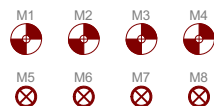
MicroSD card connector



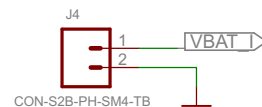
USB connector



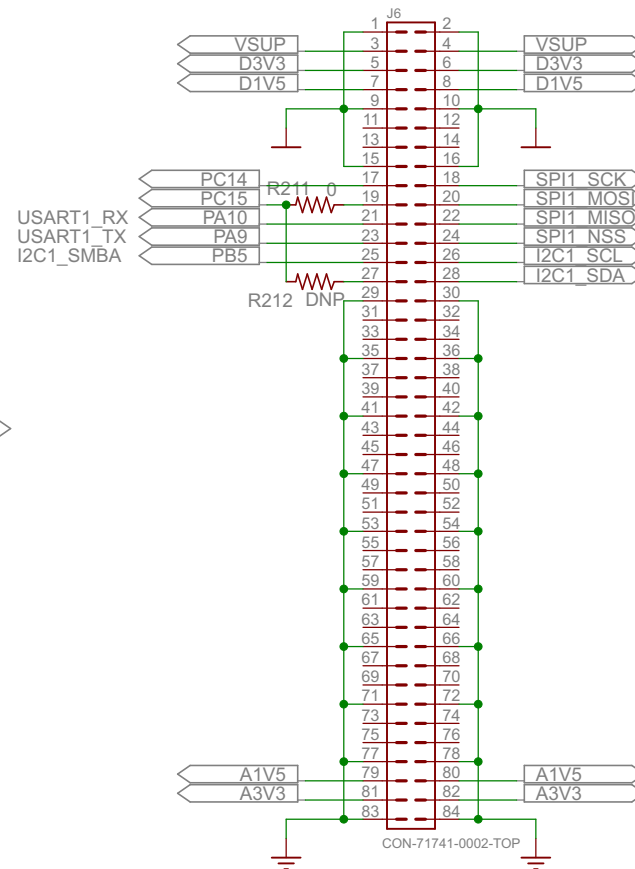
Programmer connector



WALL connector



Battery connector



South bridge

Connector

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