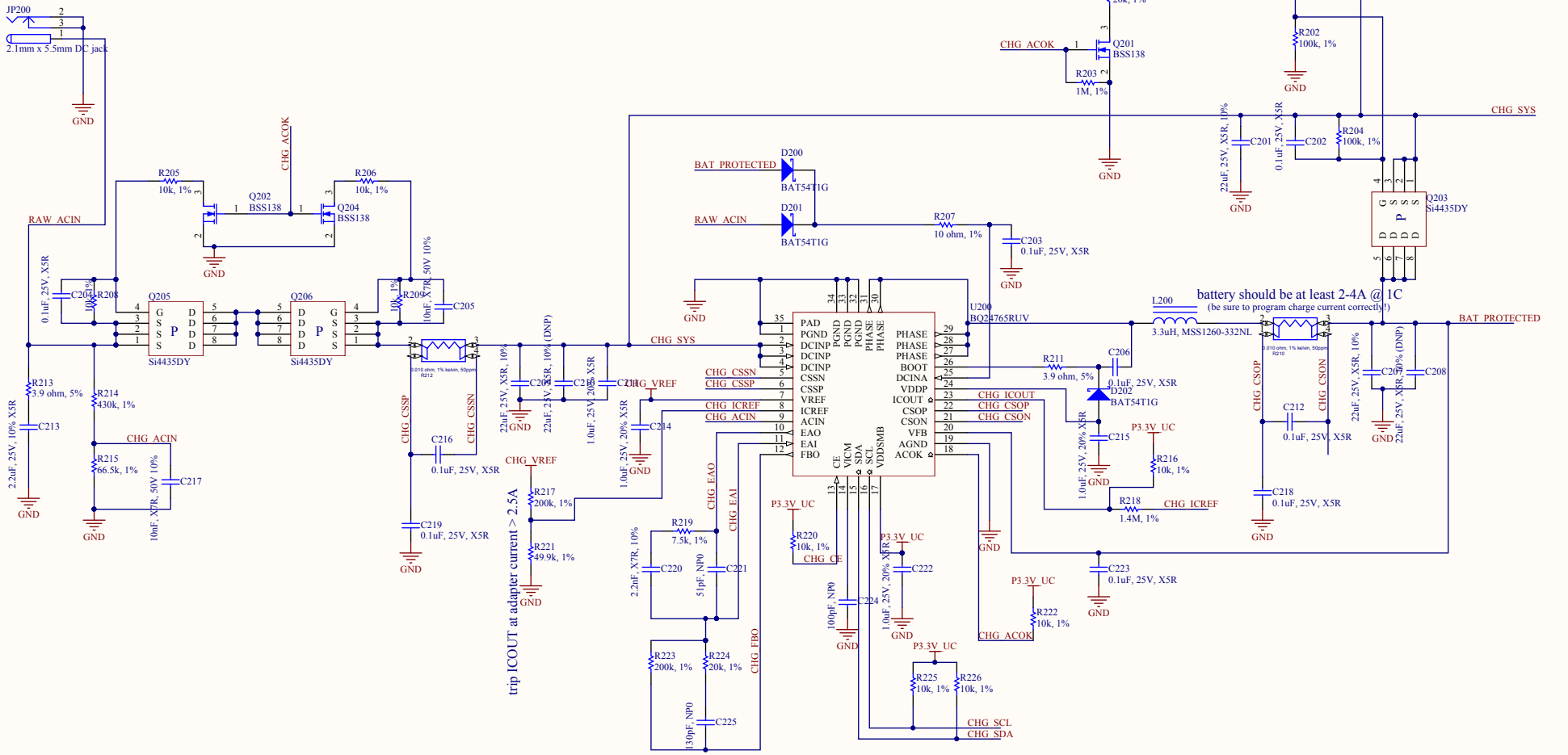


18V +/-5% 4.5A max e.g. KTPS90-1805 (62-1189-ND)

charger: 24V is absolute max rating (Q200 limit)

downstream: 20V is absolute max rating (U10N/U12N switch limit)



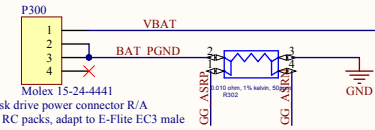
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Novena EVT1 battery board		
Title	Number	Revision
Size B		
Date: 12/16/2012		Sheet of
File: C:\largework\charger SchDoc		Drawn By:

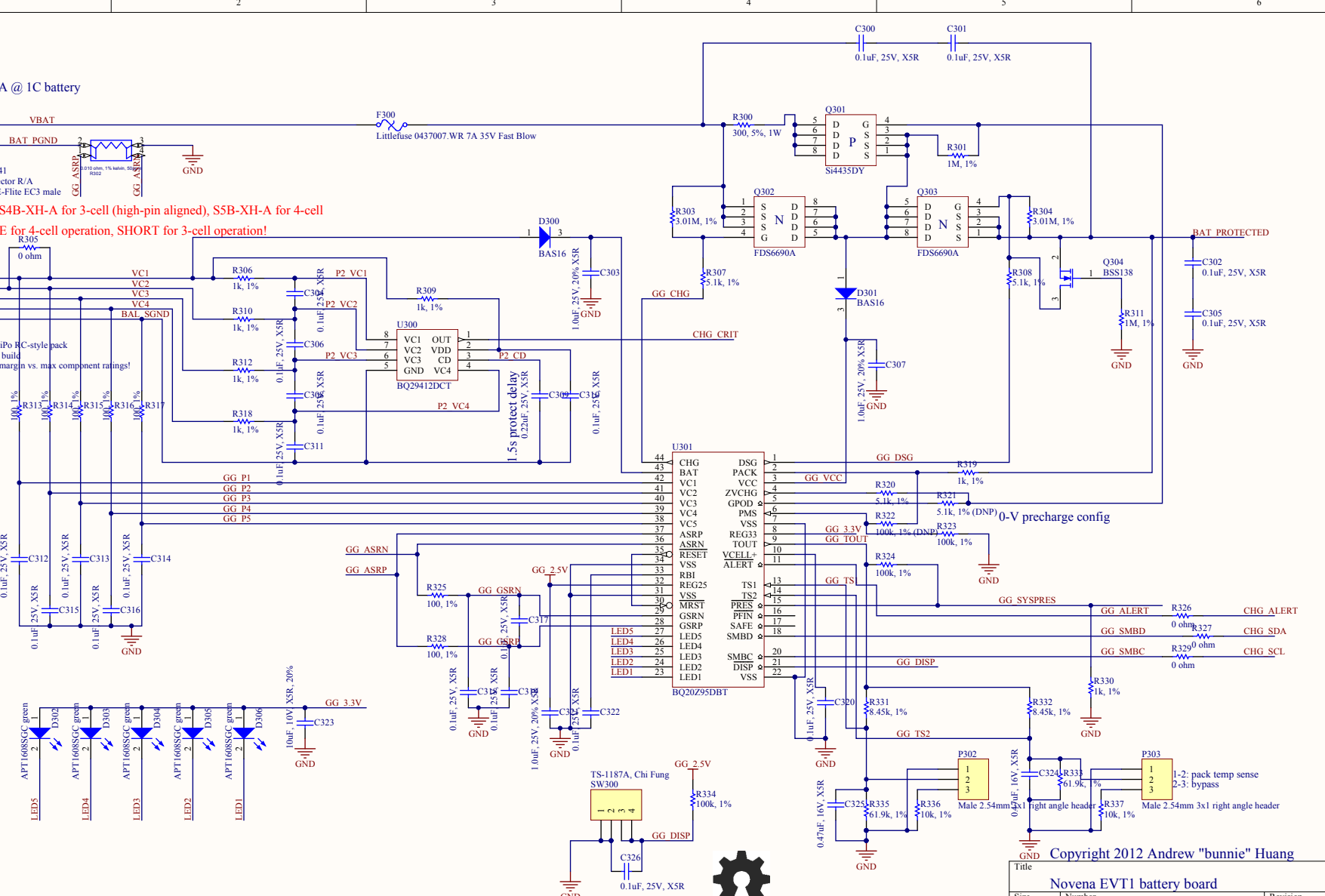
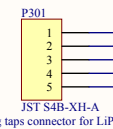
before first plug-in, CHECK PINOUTS

minimum 2-4A @ 1C battery



P301: populate S4B-XH-A for 3-cell (high-pin aligned), S5B-XH-A for 4-cell

R305: REMOVE for 4-cell operation, SHORT for 3-cell operation!

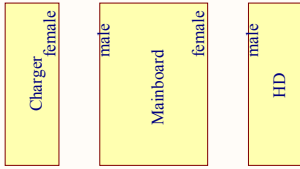


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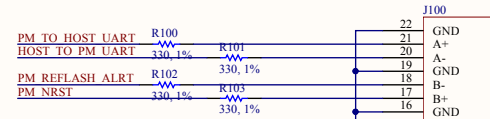
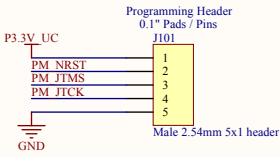
Novena EVT1 battery board		
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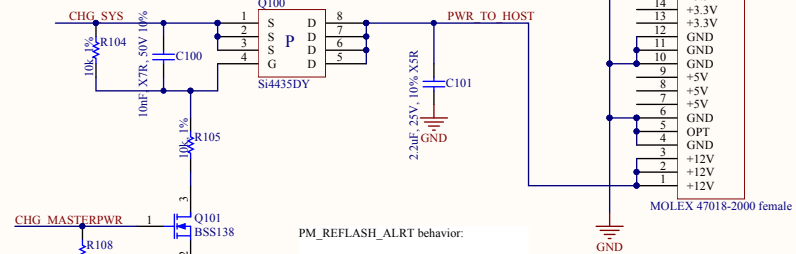
SATA connector arrangement



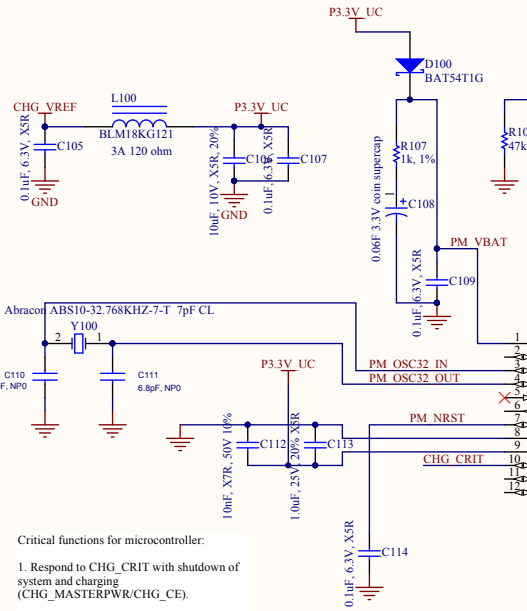
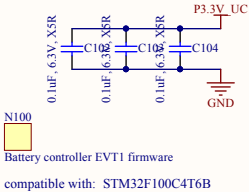
uses M-F extender combo cables



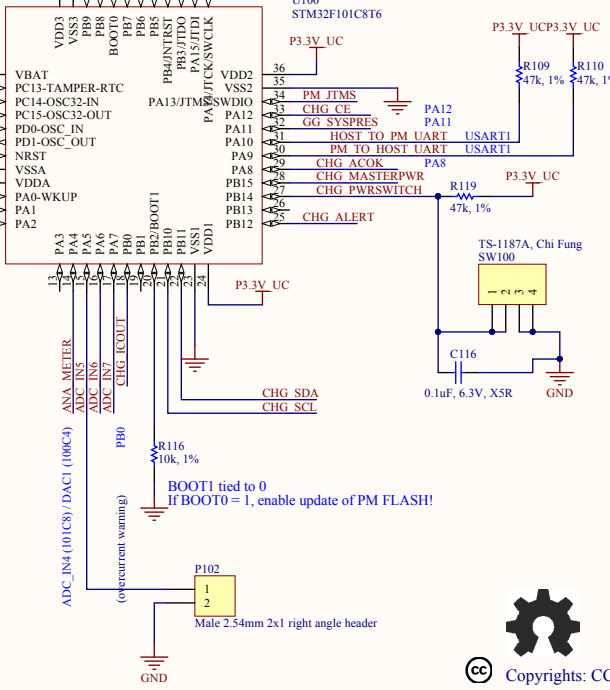
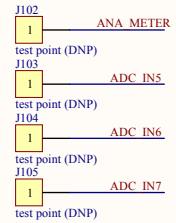
System output voltage: 9 - 18V (3 or 4 cell Li-Ion)



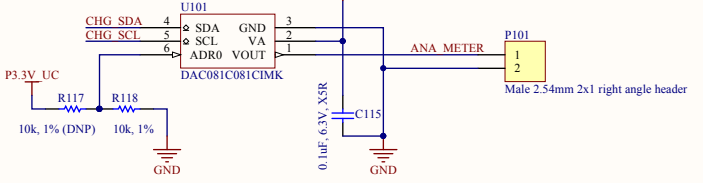
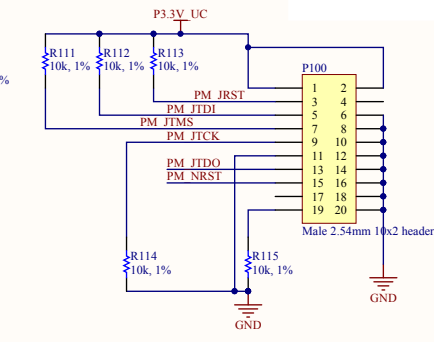
PM_REFLASH_ALERT behavior: On reset, samples value. If high, uC enters program mode. On run, output is driven. If driven high, error condition is asserted to CPU



- Critical functions for microcontroller: 1. Respond to CHG_CRIT with shutdown of system and charging (CHG_MASTERPWR/CHG_CE). 2. Make sure chemistry and battery cell configuration is correctly programmed into charger.



BOOT1 tied to 0 If BOOT0 = 1, enable update of PM FLASH!



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Table with 3 columns: Title, Size, Number, Revision. Title: Novena EVT1 battery board. Date: 12/16/2012. File: C:\largework\controller\SchDoc.