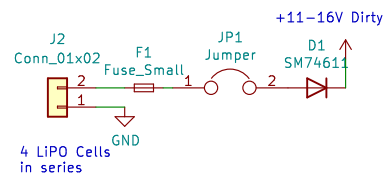
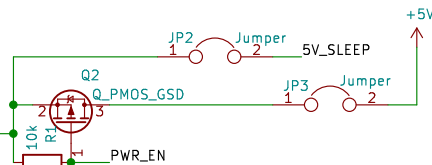


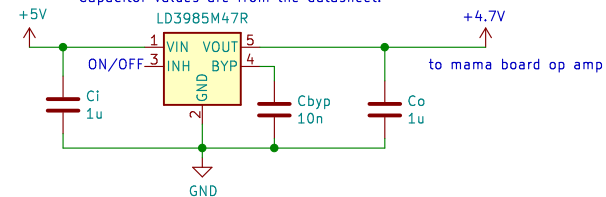
# Battery Connector



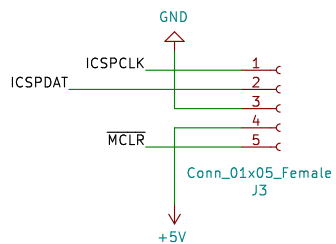
# System Sleep Control



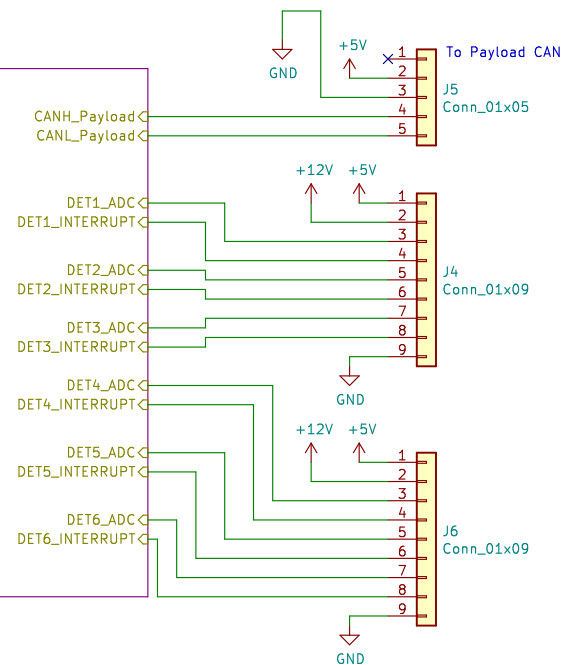
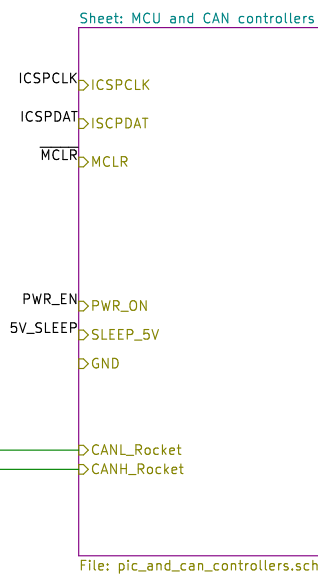
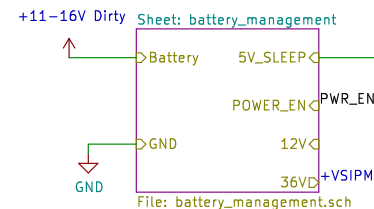
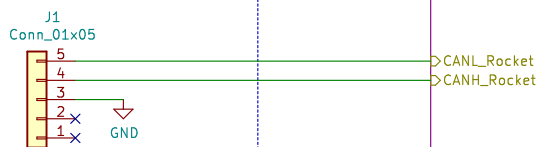
LD3986M47R is a 4.7V low dropout regulator. Capacitor values are from the datasheet.



# Connector for programming



# To Rocket CAN bus



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# Title:

Size: A4

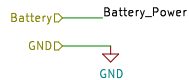
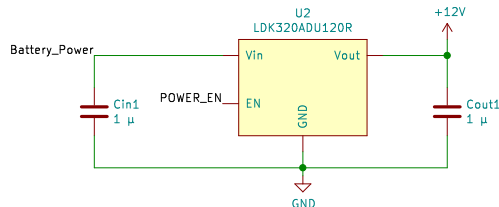
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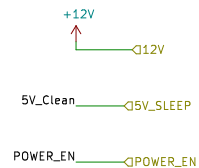
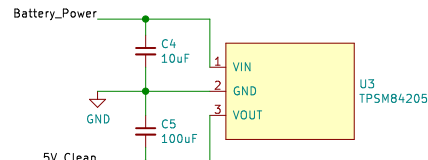
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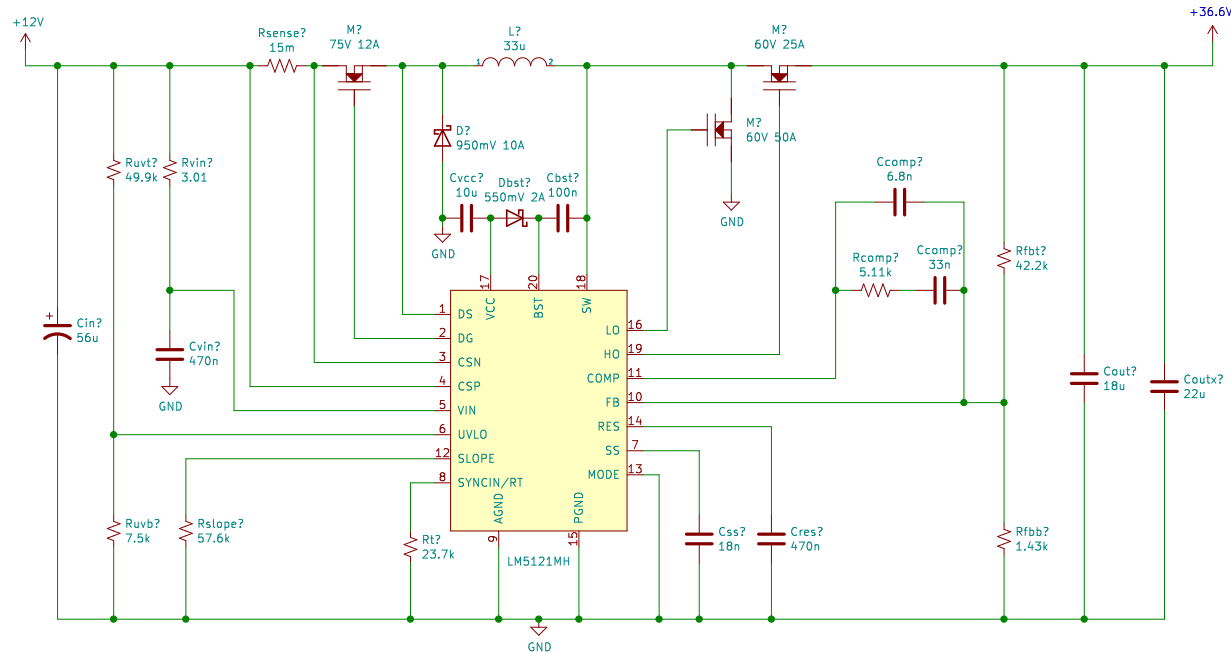
1uF capacitors as per datasheet directly (no calculations)  
LDK320ADU120R is a 12V fixed-voltage regulator.



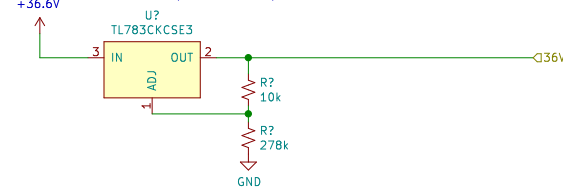
10uF and 100uF capacitors as per datasheet directly (no calculations)  
TPSM84205 is a 5V fixed-voltage regulator.



LM5121MH is a boost converter.  
Values are taken from WEBENCH power designer  
<https://webench.ti.com/power-designer/switching-regulator/customize/12?noparams=0>



TL783CKCSE3 is a low dropout regulator.  
 $V_o = 1.25(1 + R_2/R_1)$



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File: battery\_management.sch

**Title:**

Size: USLegal

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