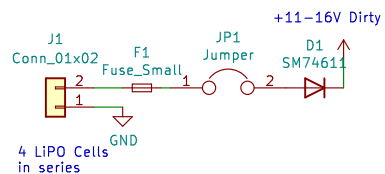
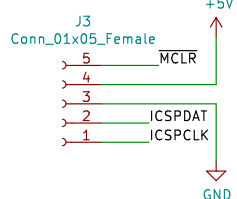


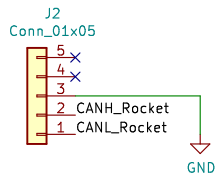
Battery Connector



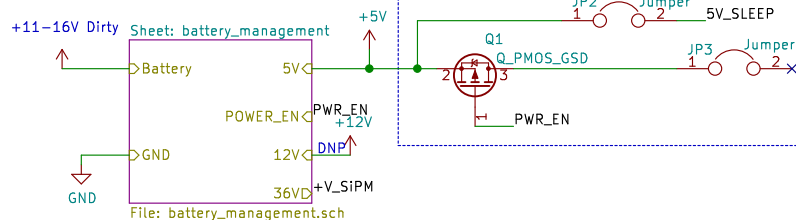
Connector for programming



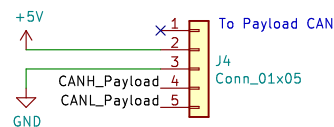
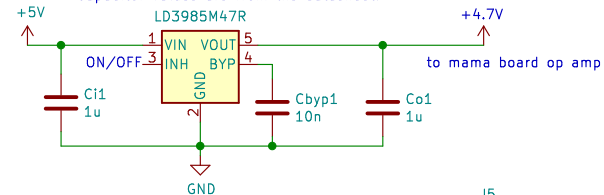
To Rocket CAN bus



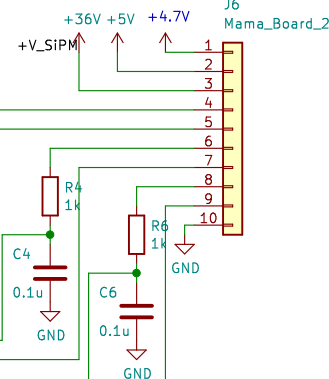
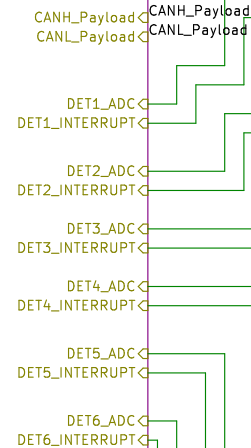
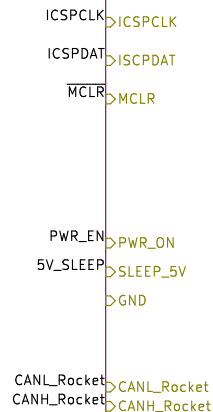
System Sleep Control



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



Sheet: MCU and CAN controllers



Sheet: /
File: payload2020_base_board.sch

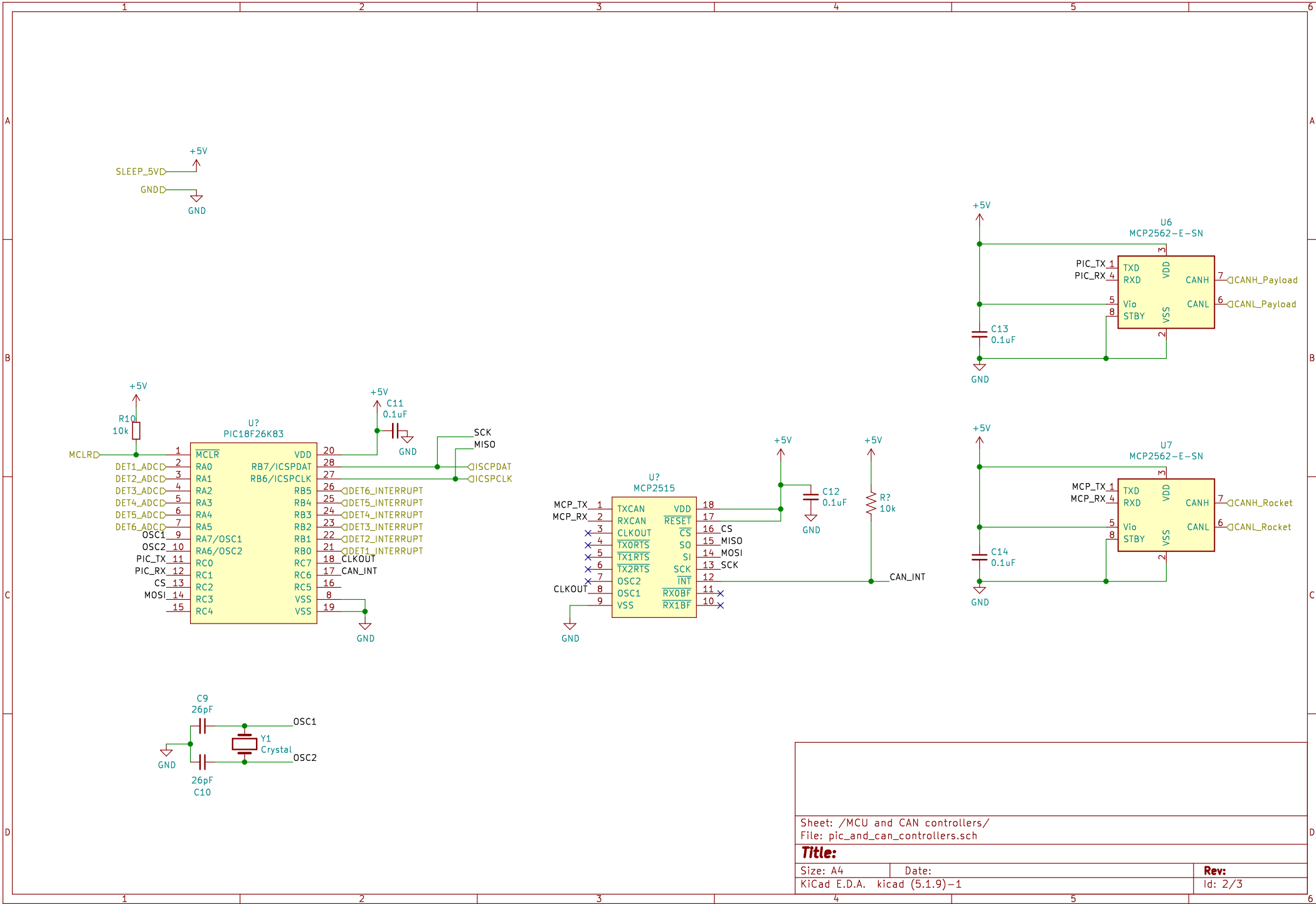
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Sheet: /MCU and CAN controllers/
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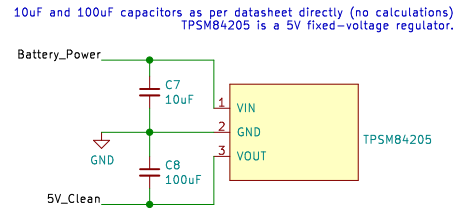
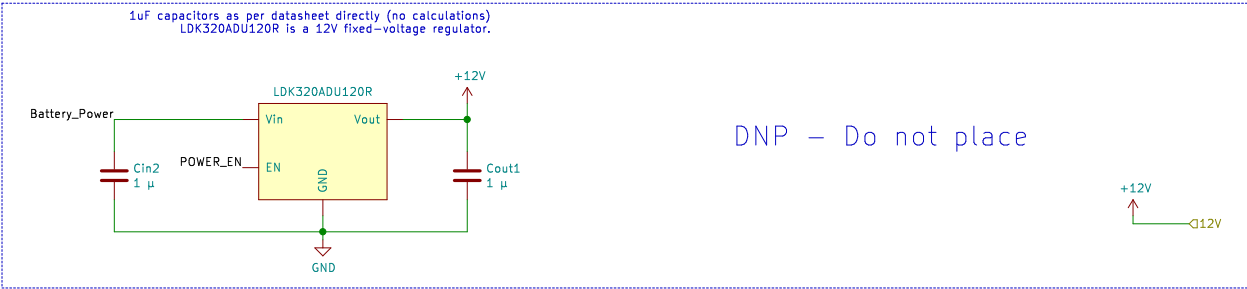
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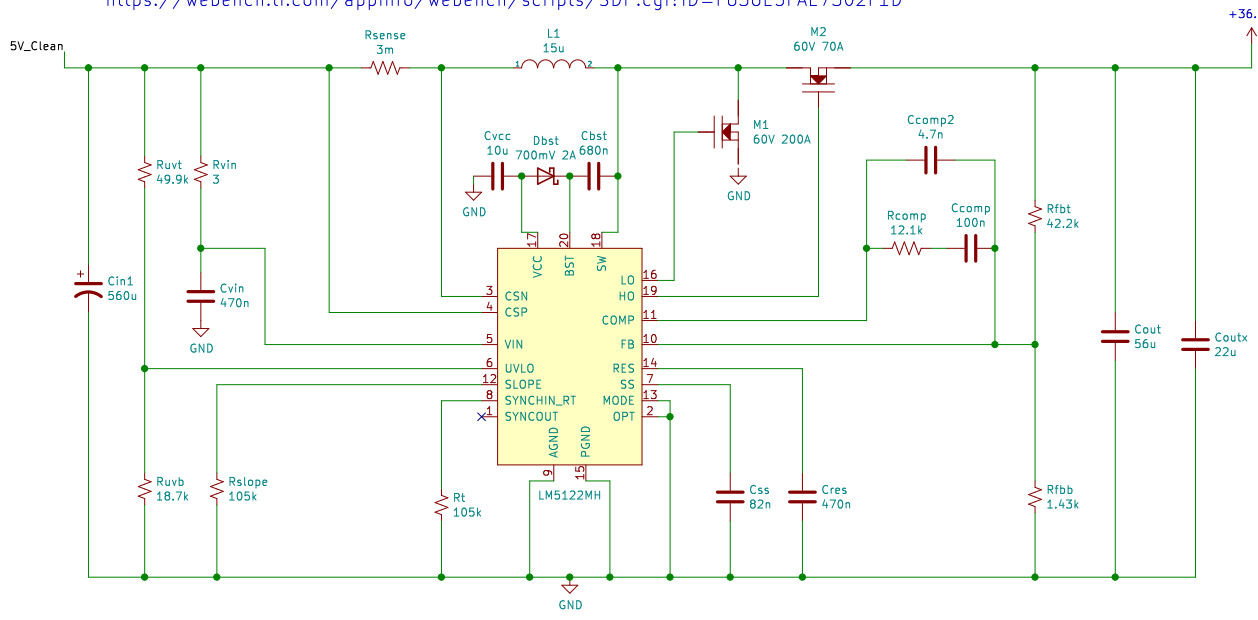
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Rev:

Id: 2/3



LM5122MH is a boost converter.
Values are taken from WEBENCH power designer
<https://webench.ti.com/appinfo/webench/scripts/SDP.cgi?ID=F636E5FAE7302F1D>



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