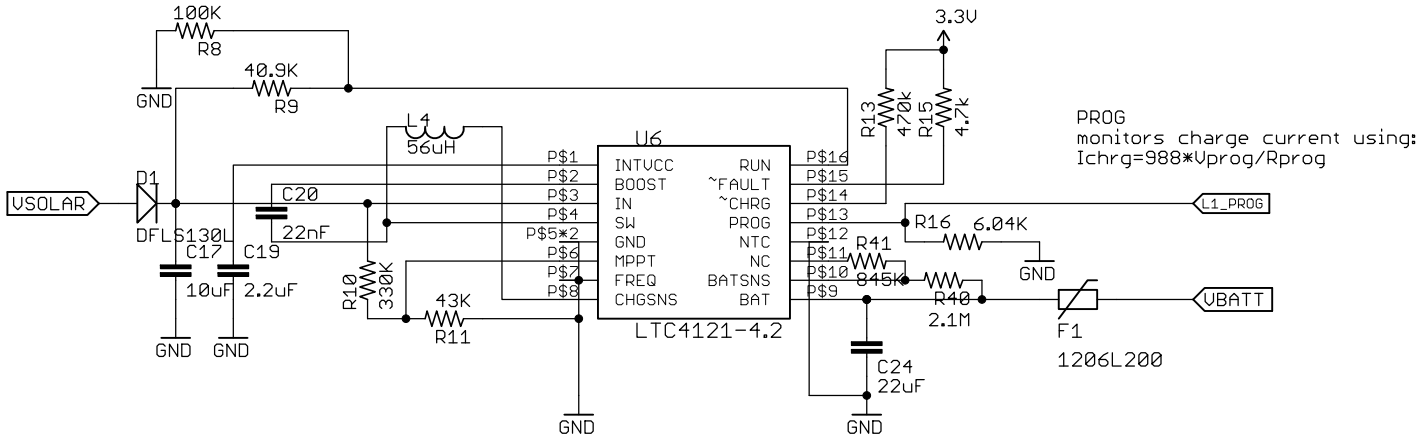
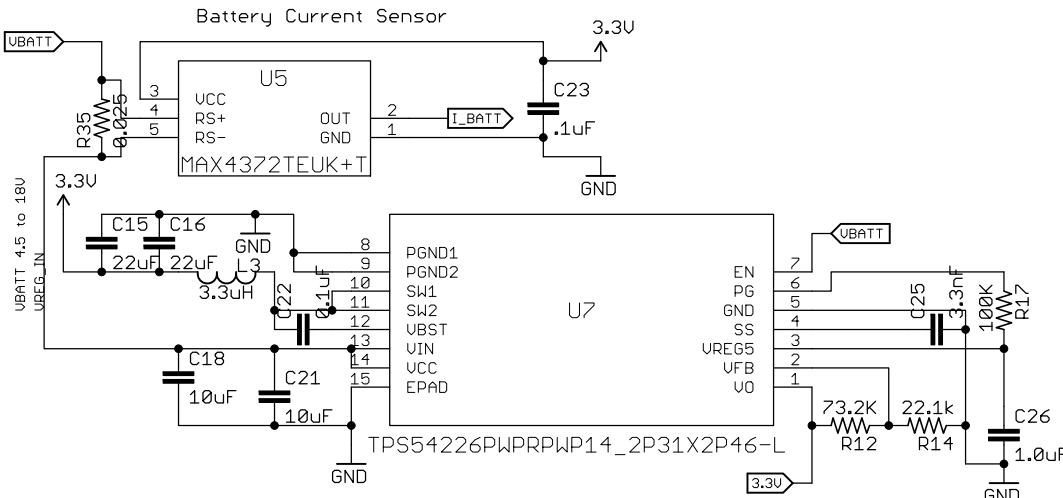




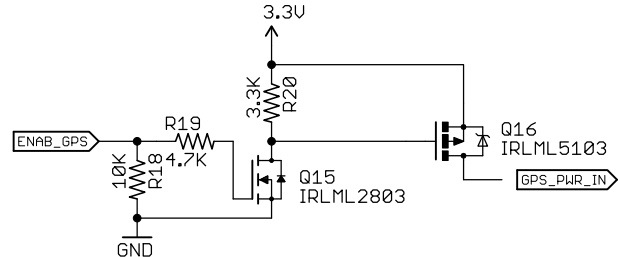
## 2s2P Li-Ion Battery Charging Circuit



## Regulator - 3.3V OUT



## GPS Power



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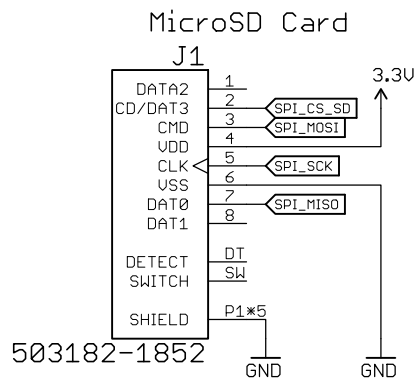
TITLE: KMB-23

Design by:  
Zac Manchester, Max Holliday

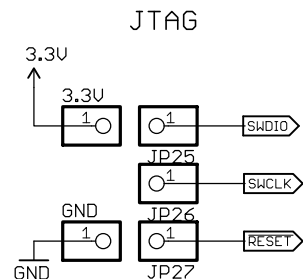
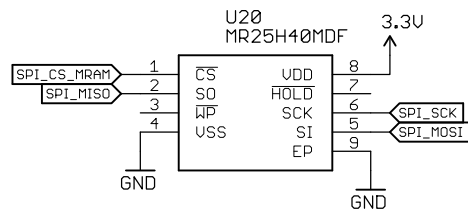
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Date: 8/22/2018 1:31 AM

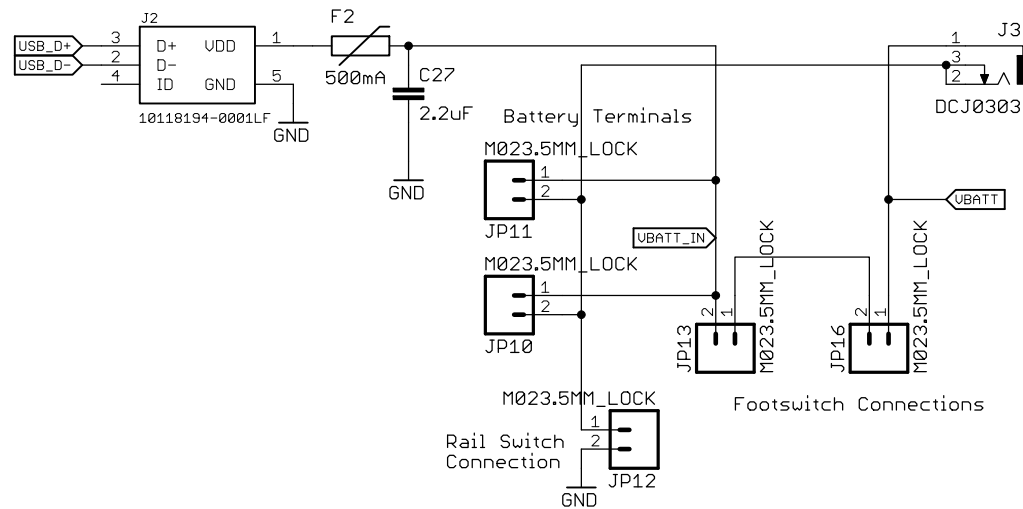
Sheet: 2/5



MRAM - Nonvolatile Memory  
(4MB storage)



Power Connectors: USB, Barrel Plug, Battery



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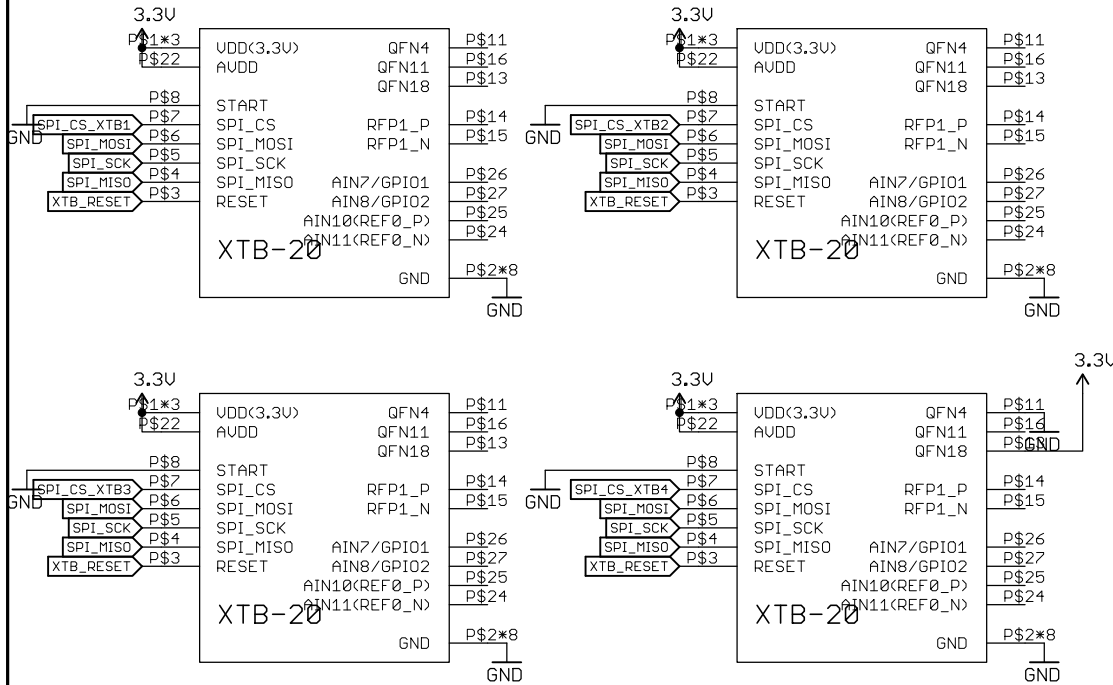
Design by:  
Zac Manchester, Max Holliday

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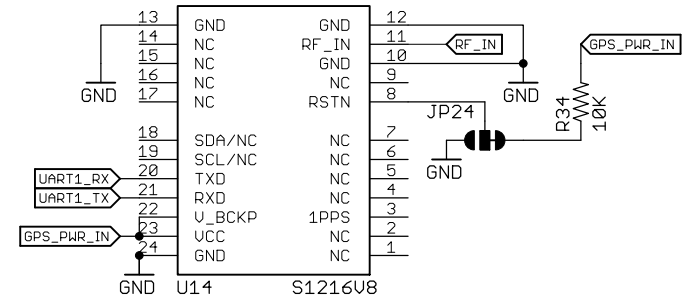
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Sheet: 3/5

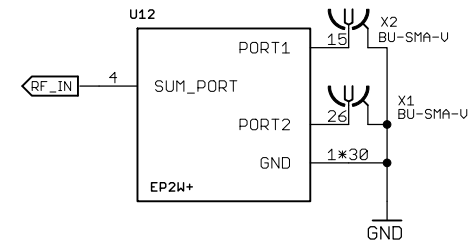
## Sensor Modules



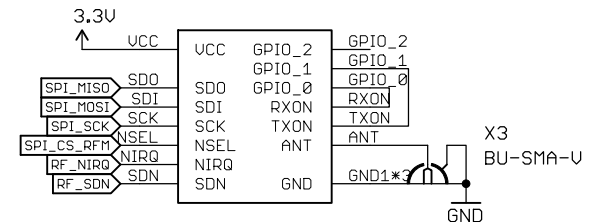
## GPS Module



## RF Splitter (2 Way, 0deg DC-Pass)



## HopeRF RFM23B module at 3.3V



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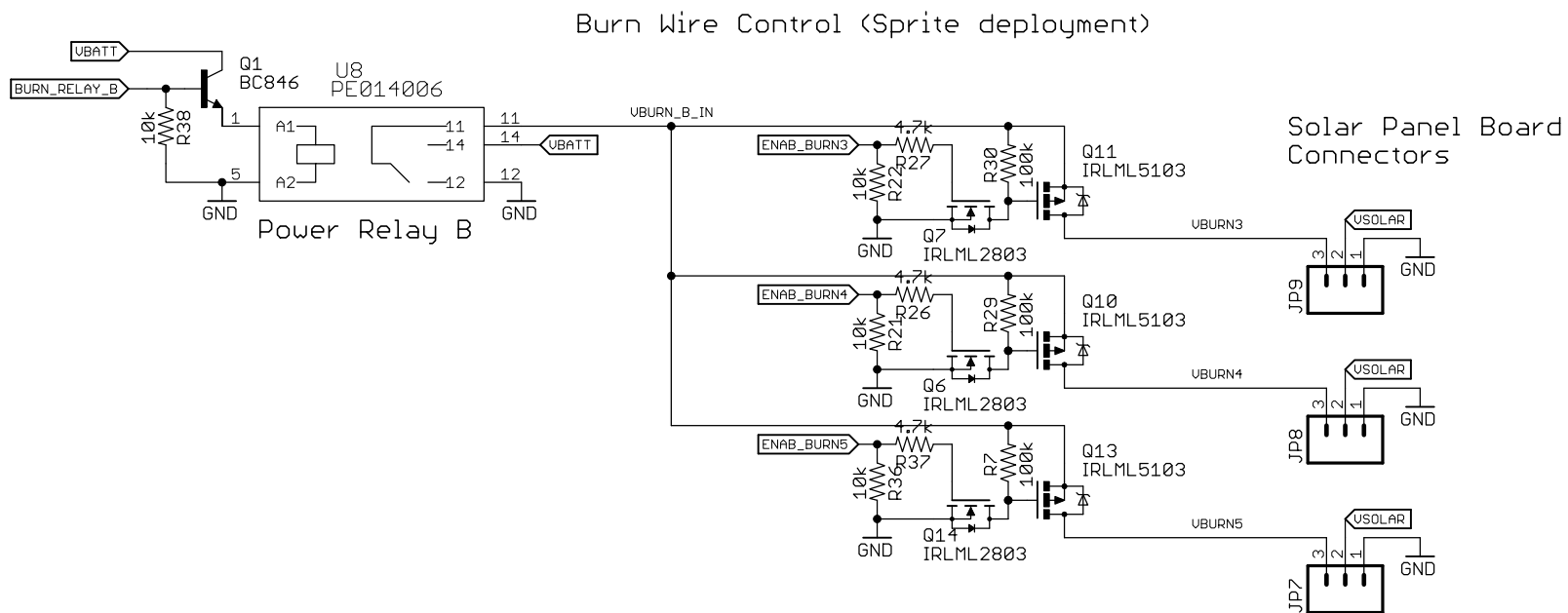
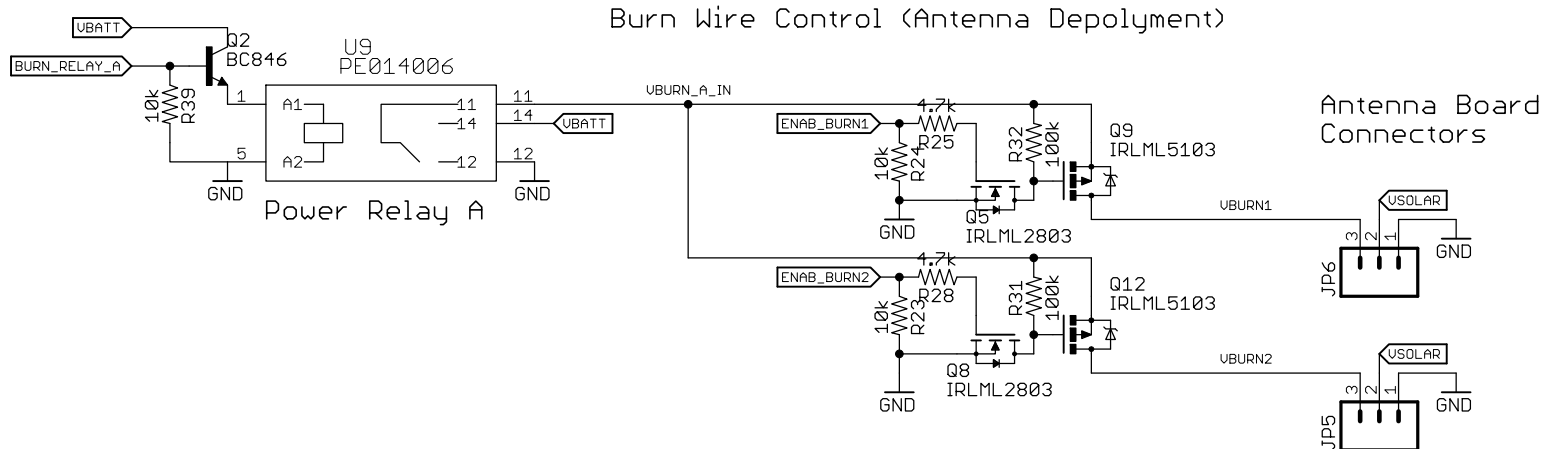
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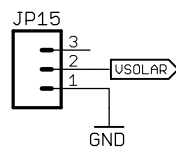
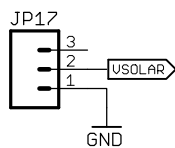
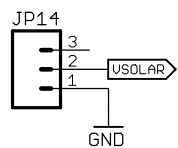
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Sheet: 4/5



Solar Panel Connectors



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Sheet: 5/5