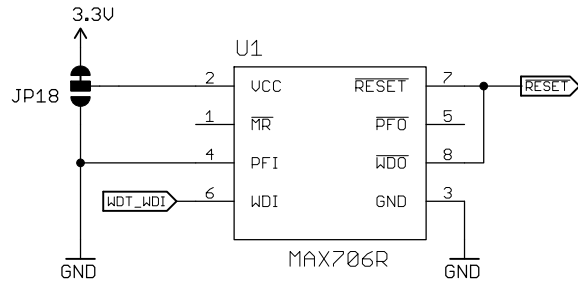
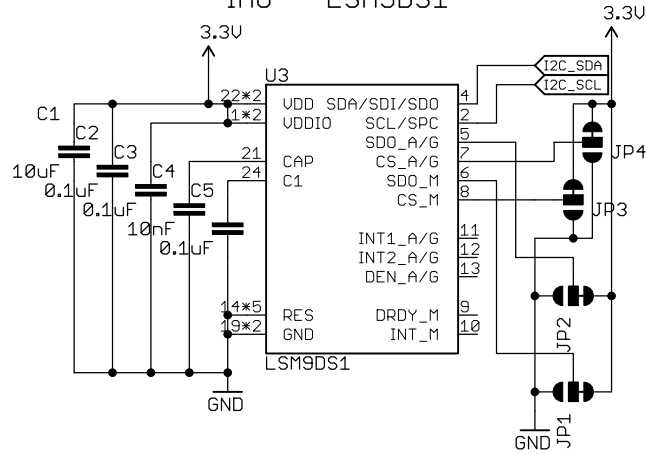


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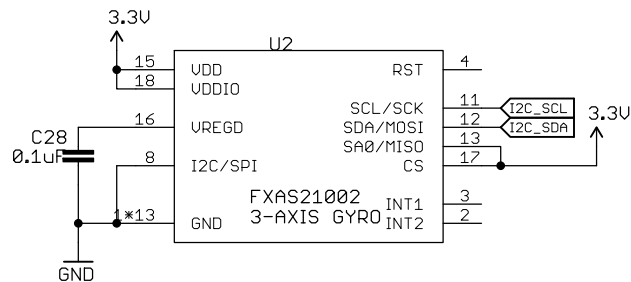


IMU - LSM9DS1

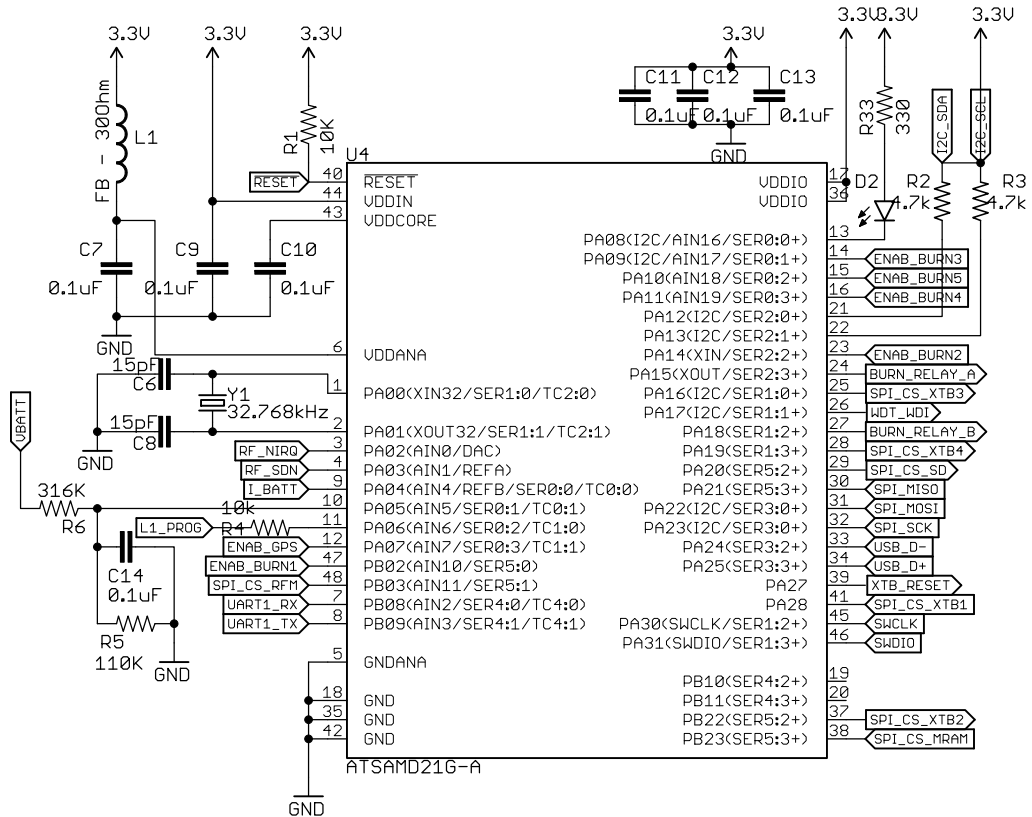


3-AXIS GYROSCOPE

ADDRESS = 0x21



ATSAMD21G18 32-bit ARM Microprocessor



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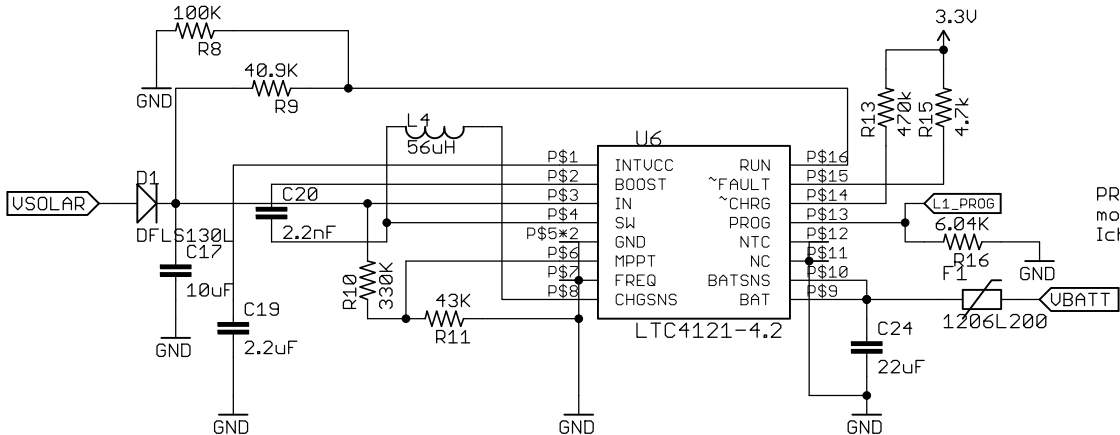
Design by:
Zac Manchester, Max Holliday

REV:
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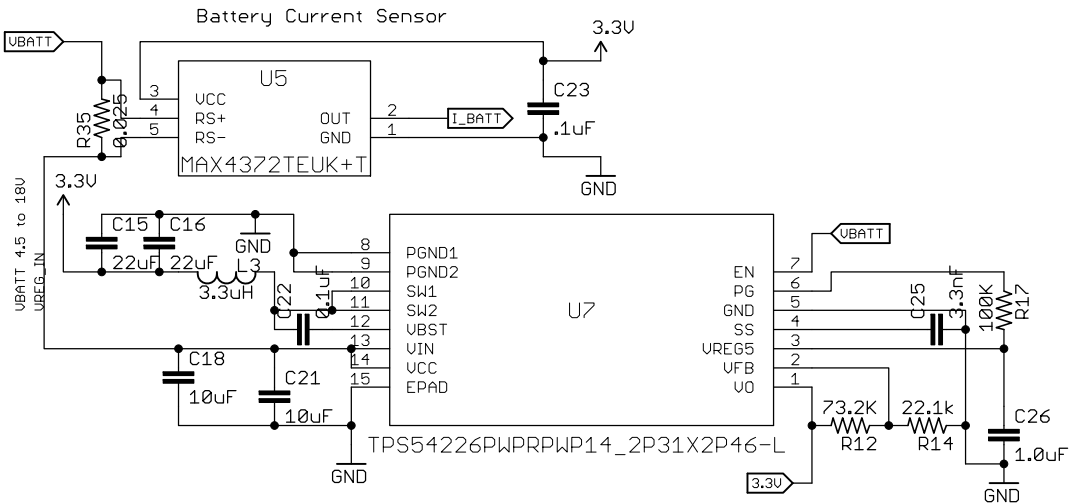
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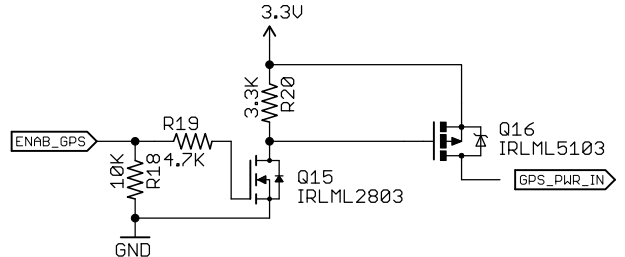
2s2P Li-Ion Battery Charging Circuit



Regulator - 3.3V OUT



GPS Power



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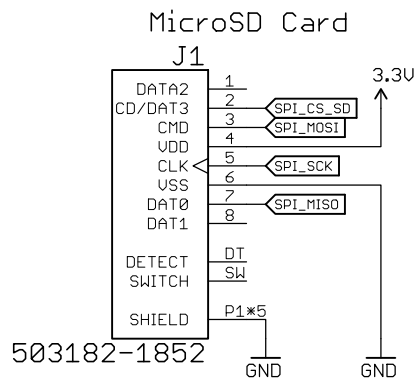
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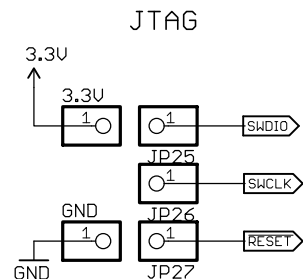
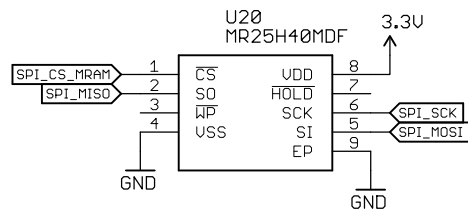
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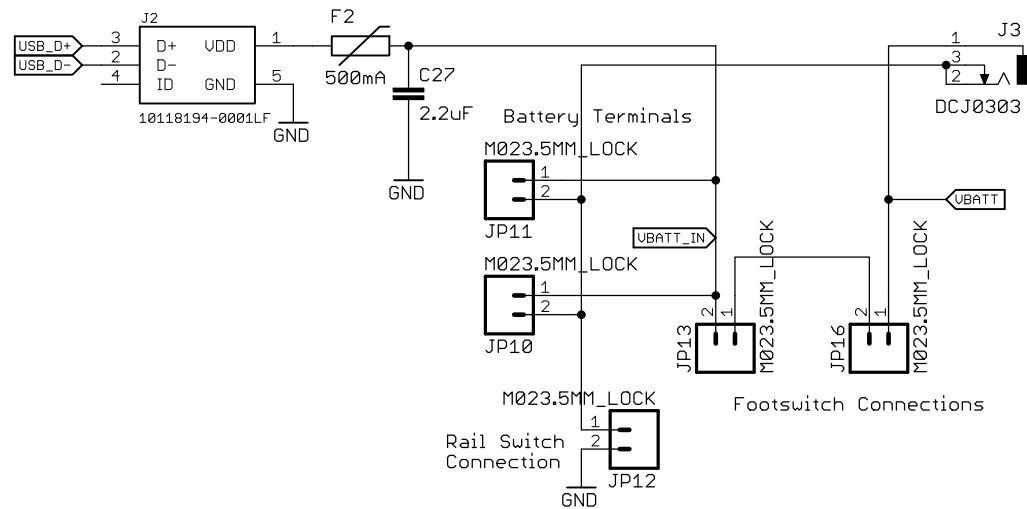
Sheet: 2/5



MRAM - Nonvolatile Memory
(4MB storage)



Power Connectors: USB, Barrel Plug, Battery



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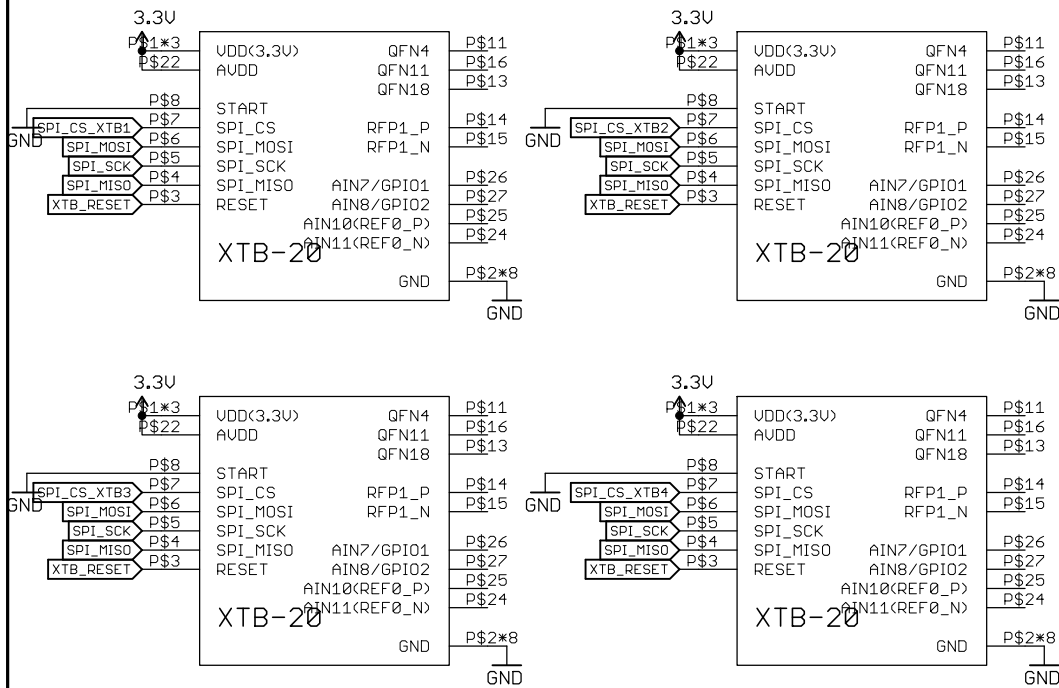
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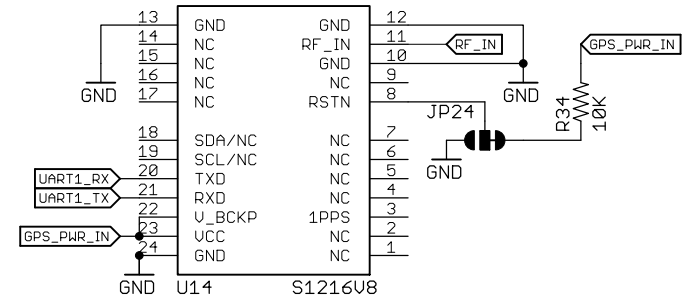
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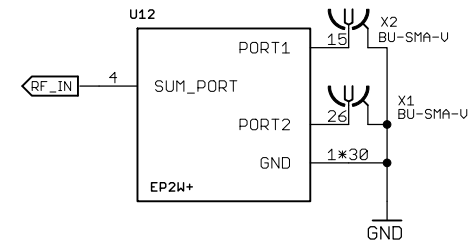
Sensor Modules



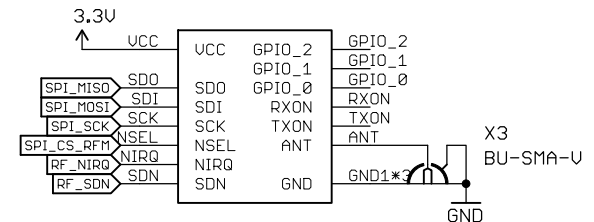
GPS Module



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



HopeRF RFM23B module at 3.3V



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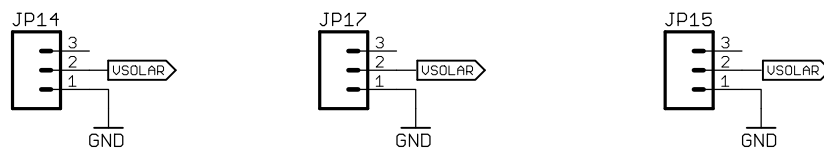
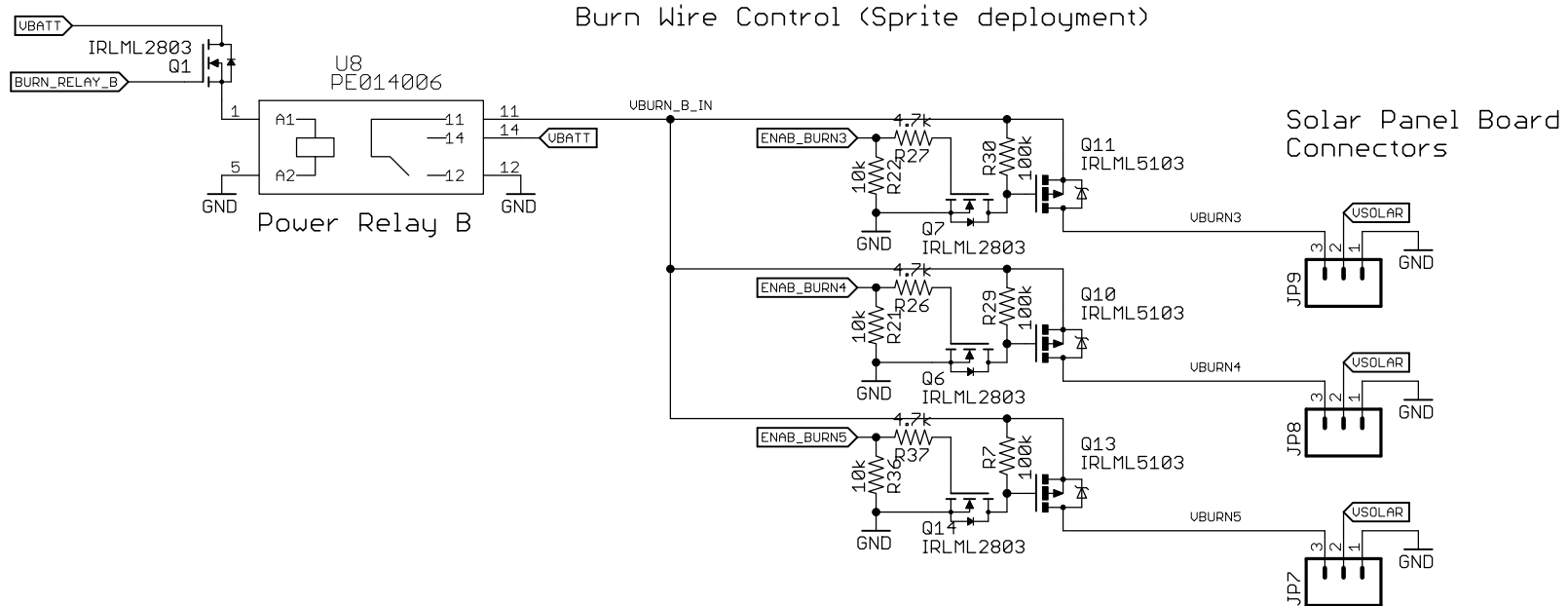
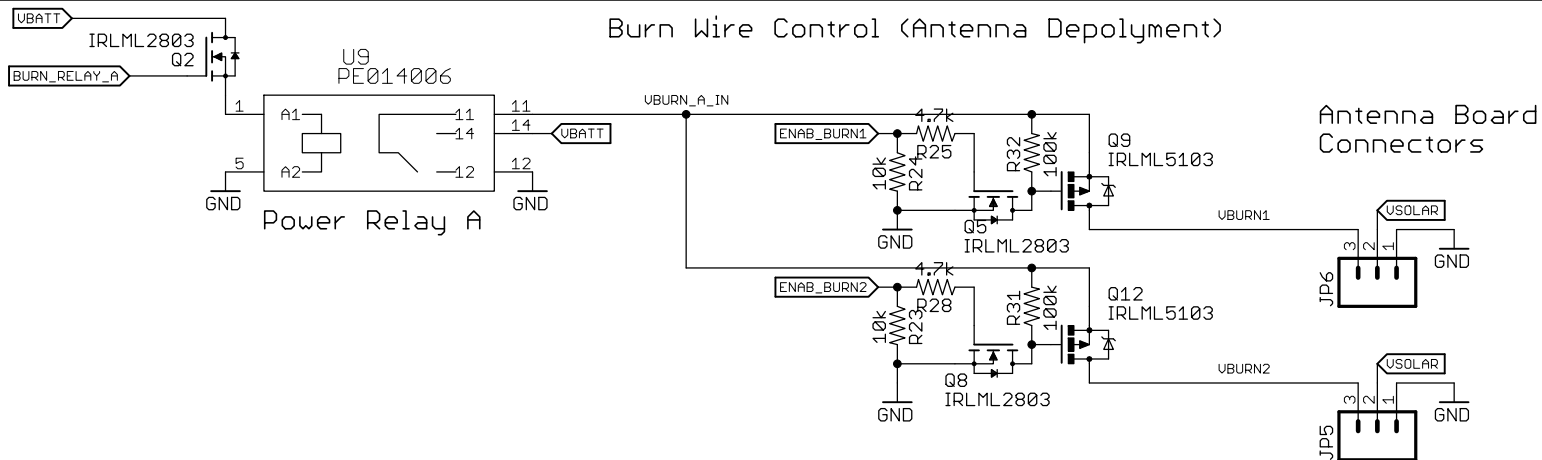
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