

PiRa-Smart

Power in Responsive Applications with BLE and RTC sleep mode.
Designed as a Raspberry Pi Zero HAT.

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- PAGE2 - BLE, LORA, RTC

Version Revision:

- v0.1 - 23.03.2018.
- v0.2 - 11.05.2018.
- v2.0 - 19.11.2018.
- v2.1 - 26.03.2019.
- v3.0 - 13.09.2019.

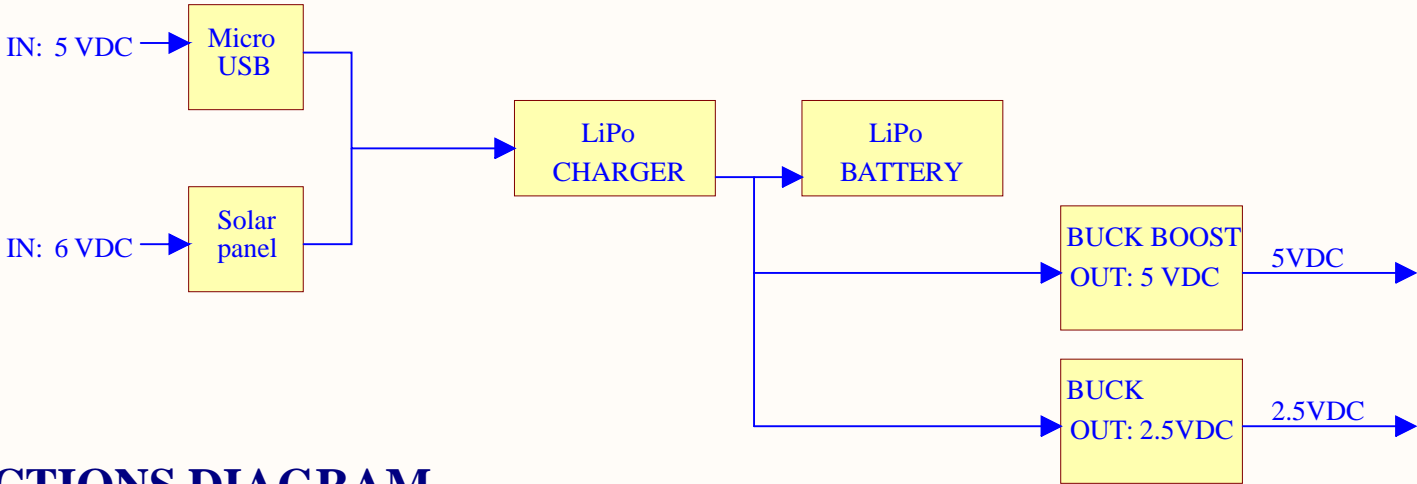
DESIGN CONSIDERATIONS

DESIGN NOTE:
Example text for informational
design notes.

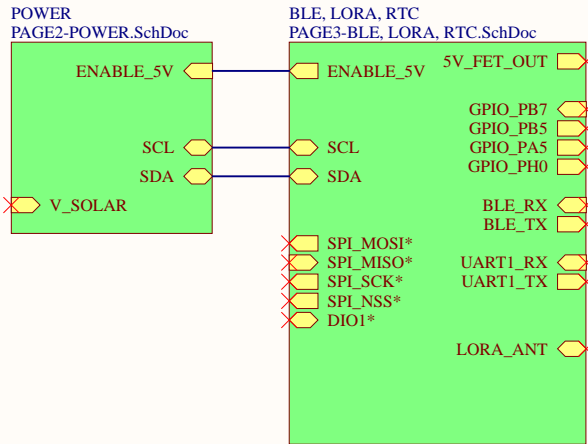
DESIGN NOTE:
Example text for critical
design notes.

LAYOUT NOTE:
Example text for critical
layout guidelines.

POWER DIAGRAM



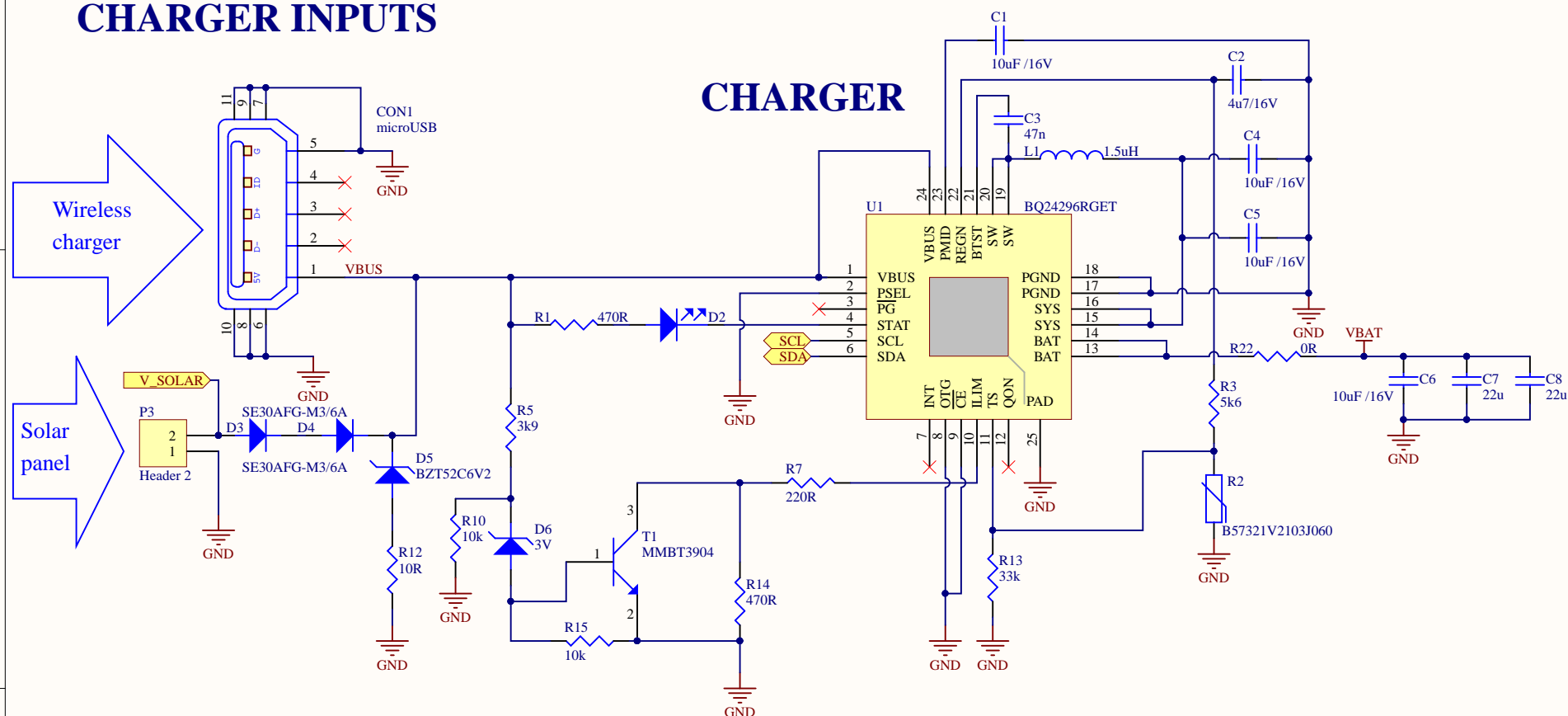
CONNECTIONS DIAGRAM



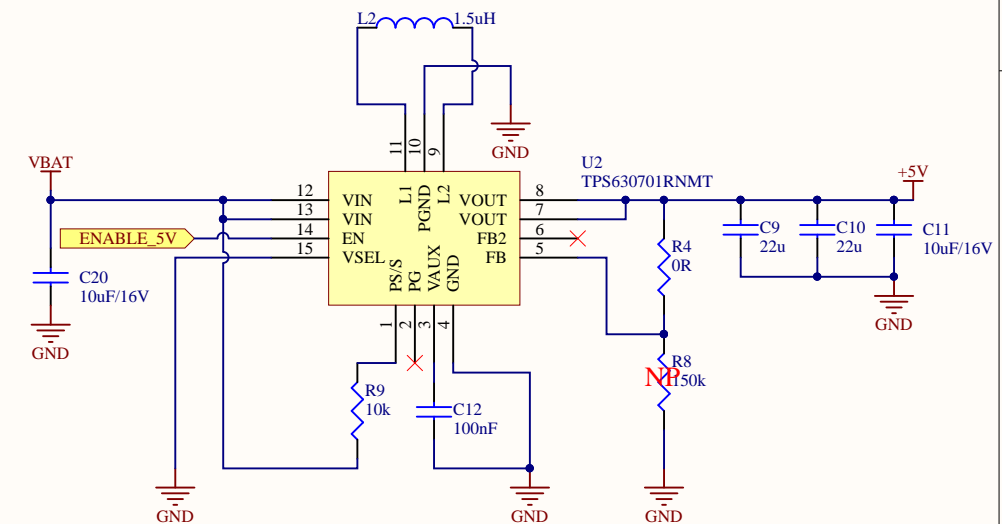
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POWER SHEET

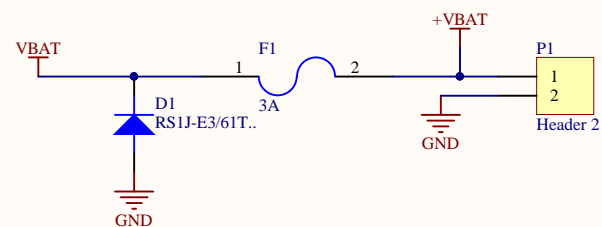
CHARGER INPUTS



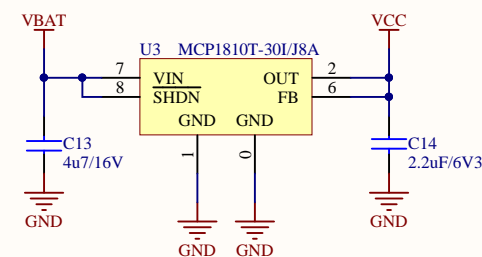
BOOST CONVERTER



BATTERY CONNECTOR



LDO REGULATOR



DESIGN NOTE:
VCC = +3 V
Iq = 20nA

| | | | |
|-----------------------------------|--------------|----------|----------------|
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