MPPT charger LT3652

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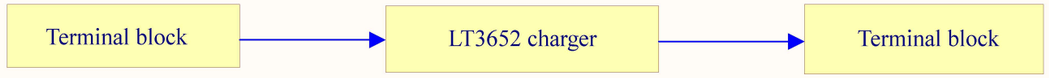
Version Revision:

V0.1 -6.9.2018.

BLOCK DIAGRAM



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.

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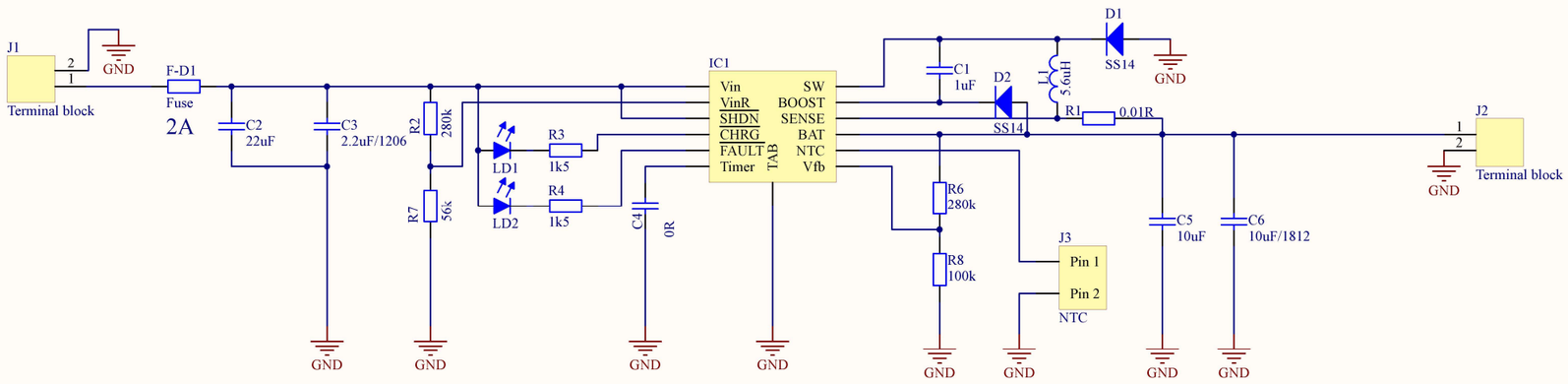

VinR is regulated to 2V7, used fir MPPT.

RIN2/RIN7 = (VIN(MIN)/2.7)-1

Typical 17.48 solar panel (assume some drop, thus 16V panel): 4.92 ratio.

Charge voltage is regulated 3.3V

R6/R8 = (VIN(MIN)/3V3)-1

For 3S lipo configuration charge voltage should be 12.6V thus ratio: 2.82

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