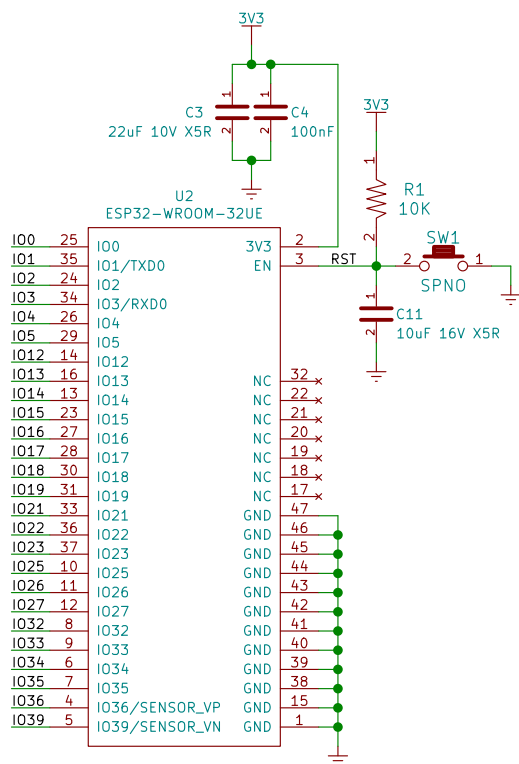
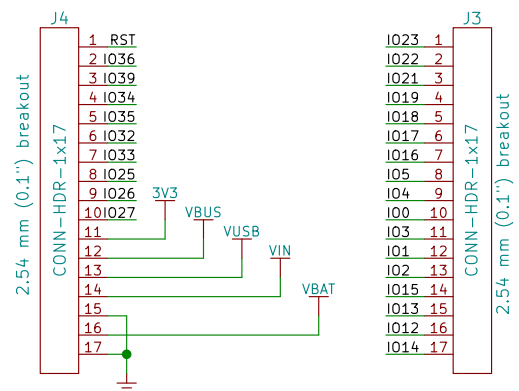


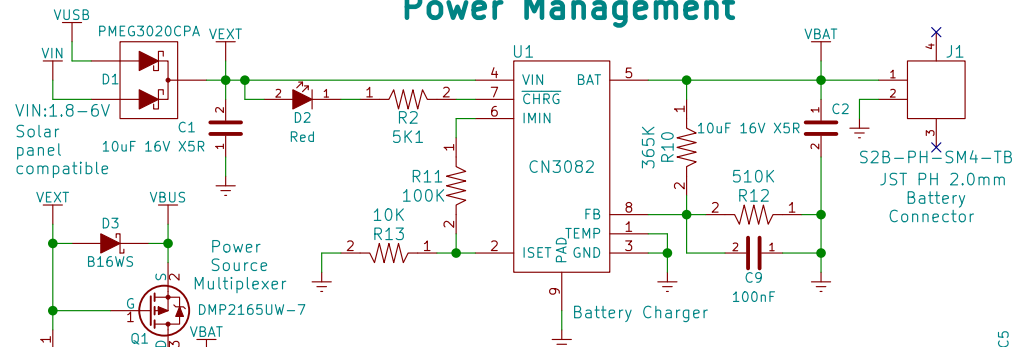
ESP32



Pins Breakout



Power Management



Battery Type	R11	R13	R10	R12	Vcharge	Imin
Li-Ion/Pol	100K	10K	365K	510K	4.2V	0mA
NiMHx3	200K	10K	365K	510K	4.2V	19mA
NiMHx4	200K	10K	510K	390K	5.6V	19mA
LiFePO4	100K	10K	240K	510K	3.6V	0mA

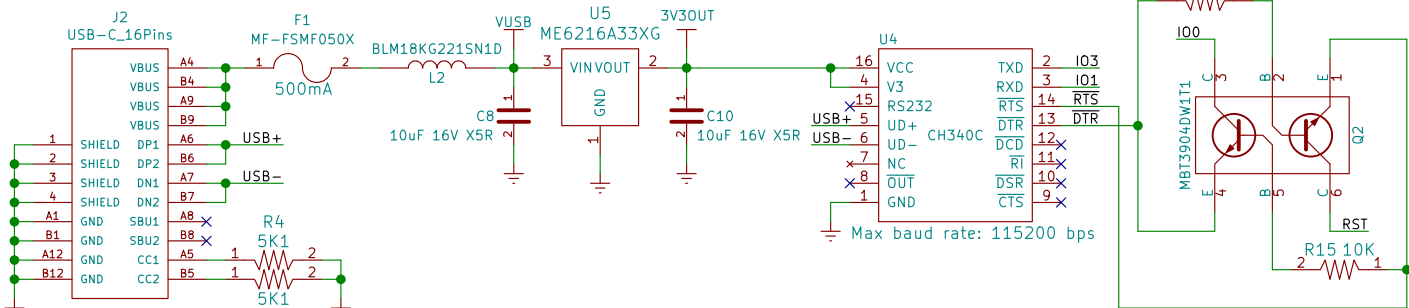
Battery options (non-rechargeable):

1. Alkaline 2x1.5V or 3x1.5V (AAA, AA, B, C, D)
2. Lithium Thionyl Chloride (Li-SOCl₂) 3.6V
3. Lithium Manganese Dioxide (Li-MnO₂) 3.0V

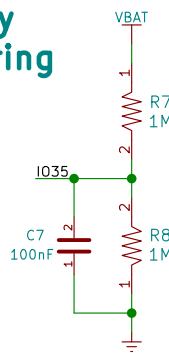
Battery options (rechargeable):

1. Li-Ion or Li-Pol
2. 3xNiMH or 4xNiMH
3. LiFePO₄

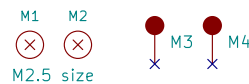
USB



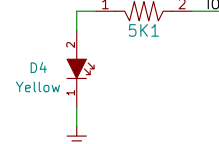
Battery Monitoring



Mounting



LED



Notes

1. All capacitors are X7R 50V unless specified.
2. All resistors are 0.1W thick film 1% unless specified.

Logo



Title: Red Comet ESP32

Rev: 1.00

Rocket Scream Electronics

Date: 2021-02-08

File: RedCometESP32.sch

Size: A4

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