

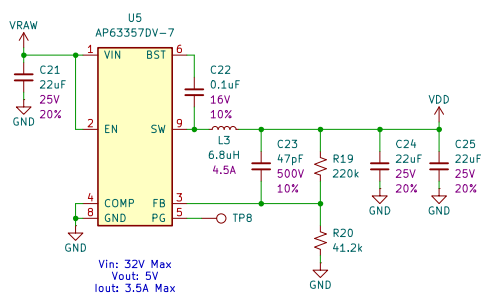
Raspberry Pi RM2 Radio Module

The diagram shows the Raspberry Pi RM2 Radio Module with the following components and connections:

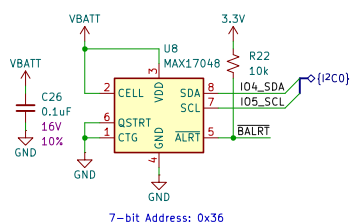
- Components:**
 - L2: 4700hm, 100MHz
 - U2: RM2
 - Q1: RE1C001ZPTL, 0.1A, 20V
 - R13: 470
 - R14: 10k
 - R15: 10k
- Connections:**
 - 3.3V to WRL_ON (TP2)
 - WRL_CS (TP3)
 - WRL_CLK (TP4)
 - WRL_DAT (TP5)
 - WRL_I00 to WRL_I02
 - WRL_I02 to BATT_PWR
 - GND to GND
 - 3.3V to 3.3V

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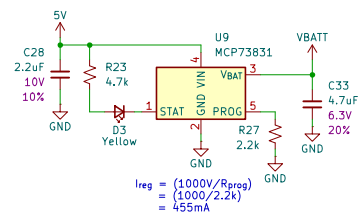
External Power 5V Regulator – AP63357



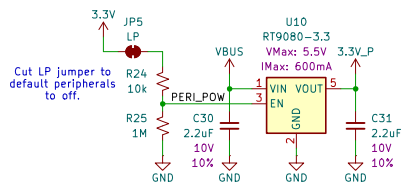
Battery Fuel Gauge – MAX17048



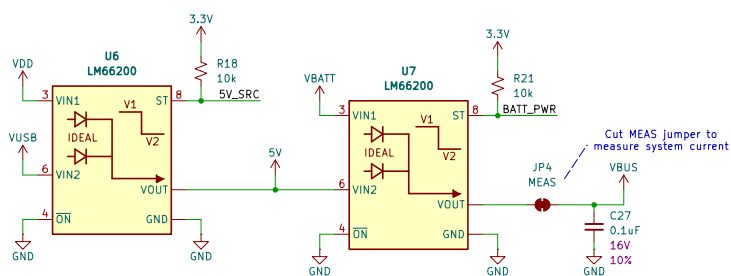
LiPo Battery Charger – MCP73831



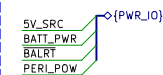
Peripheral Power – RT9080-3.3



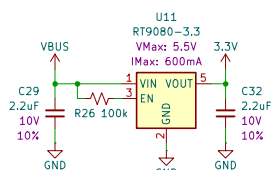
Power Selection – LM66200



Power GPIO



3.3V Regulator – RT9080-3.3



Designed by: Alex Brudner

SparkFun Electronics

Sheet: /Power/

File: power.kicad_sch

Title: Power and Battery Management

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