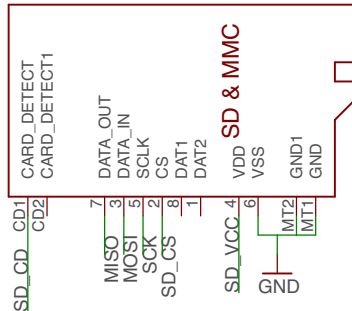
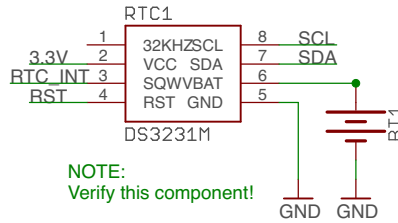


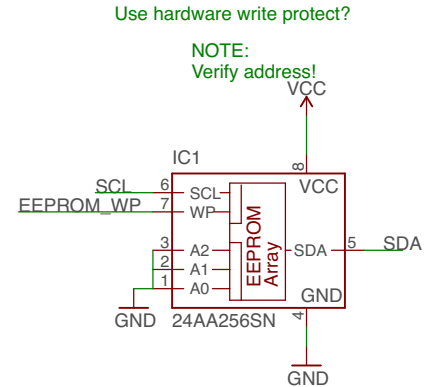
NOTE:
Replace footprint!



NOTE:
Connect SD_CD to mux input



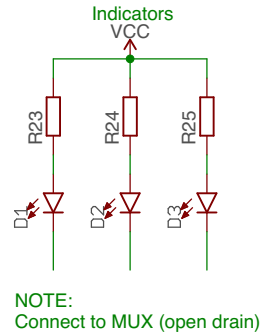
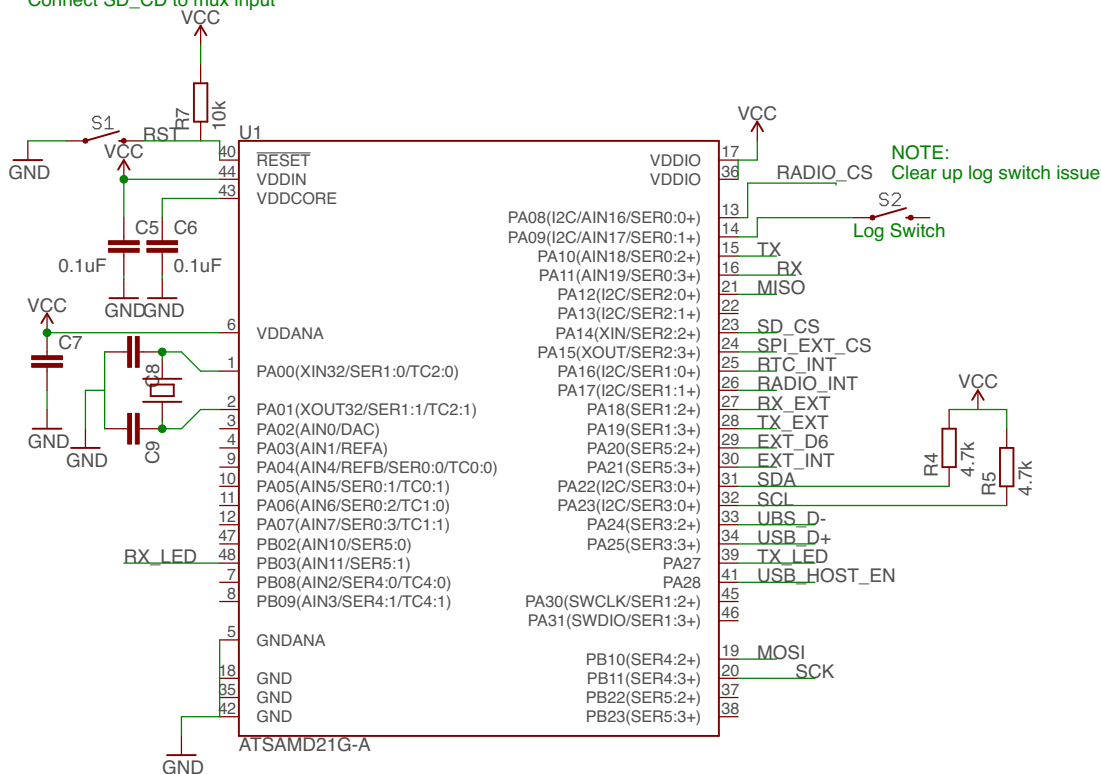
NOTE:
Verify this component!



Use hardware write protect?

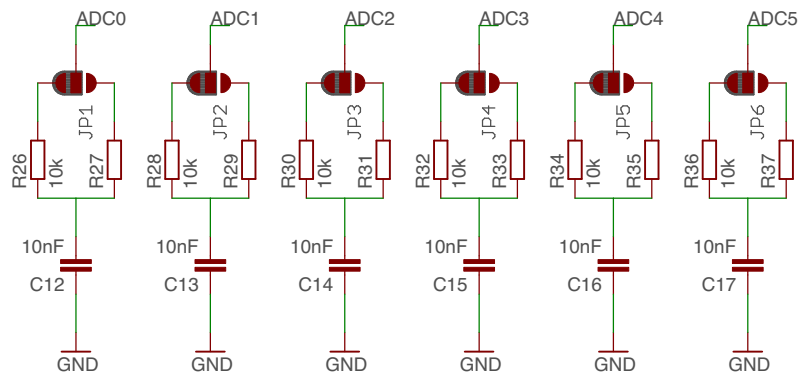
NOTE:
Verify address!

NOTE:
Inductor was omitted
since on board analog
will not be used

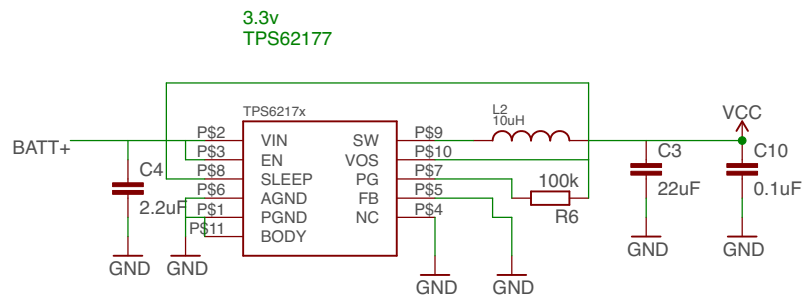


NOTE:
Connect to MUX (open drain)

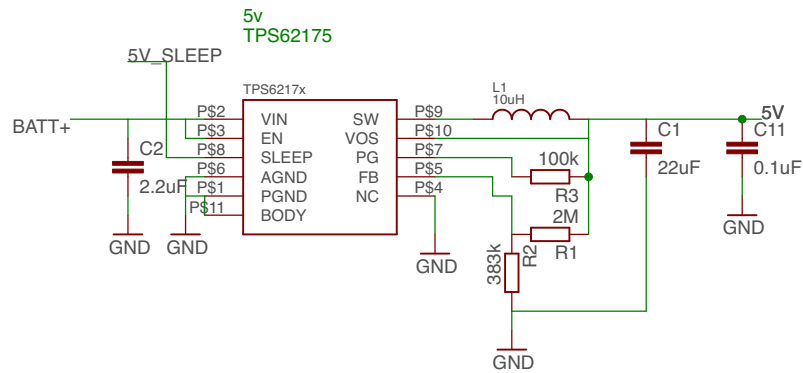
Resistors divider defaults to 10k
Populate secondary slot with alternate resistor and jump to other side to use alternate



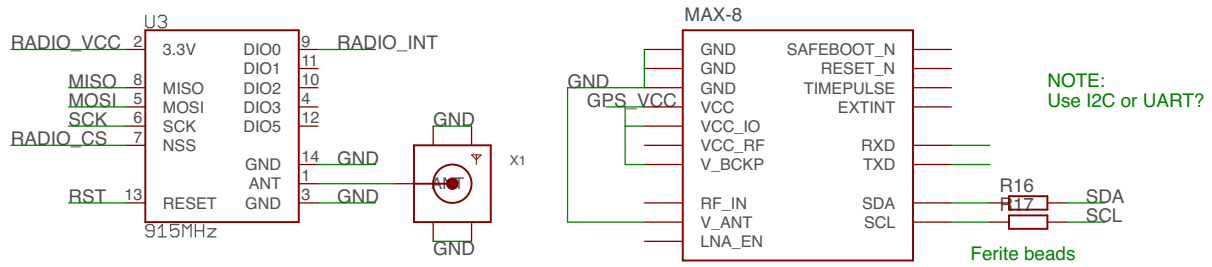
To leave ADCx open (reading from a device which does not require a resistor divider) leave center tab unjumped



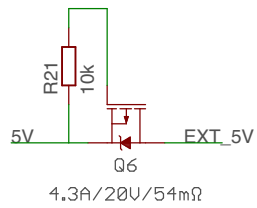
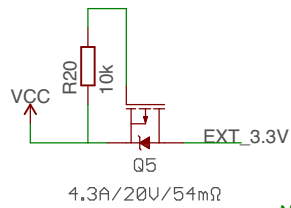
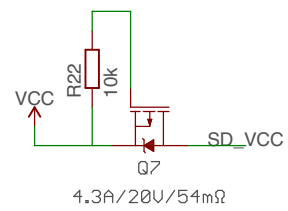
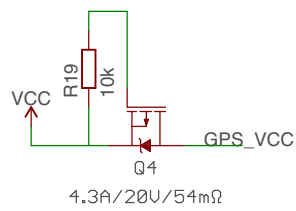
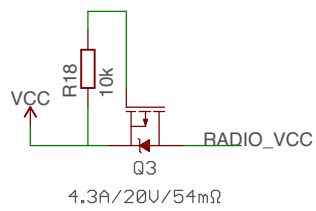
NOTE:
Connect sleep line to mux output!



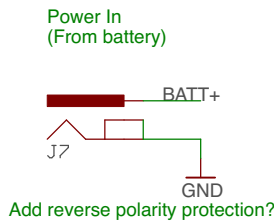
NOTE:
Isolate power for radio and GPS!



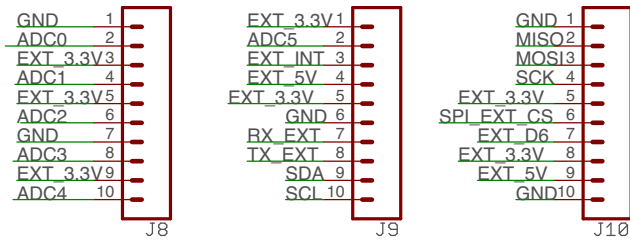
NOTE:
Add control signals!



NOTE:
Add fuse on external 3.3v and 5v



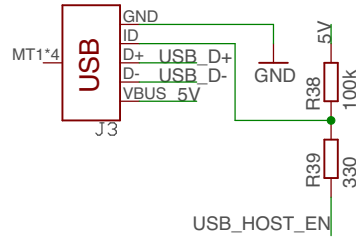
Screw Terminal Connectors



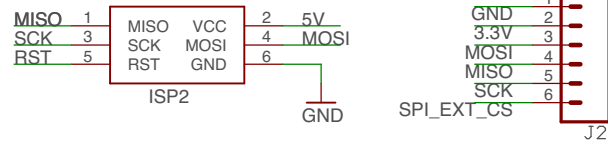
NOTE:
Add ferite beads and/or protection diode?

NOTE:
Verify connector! Add fuse?

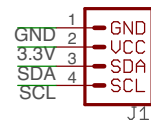
USB Programmer



ICSP



SPI Breakout



I2C Breakout

NOTE:
Add bi-directional converters for 5v I2C rail

