**BOM:**

* ~~Regulator is a leadless package, will be very hard to solder~~
* ~~Can remove Radio and IMU from BOM, we provide those for you~~
* ~~100uF cap has a weird package, go for a normal package~~
* ~~Link for buck boost goes to search, not a specific item~~
* ~~What is that LED?~~

**Schematic:**

* ~~Have a single, updated schematic~~
* ~~You want to control the LED with a GPIO pin, not the reset signal~~
* ~~Don’t put an LED between the button and the pin the button controls~~
* ~~Just connect the FTDI component to your MCU, it represents the headers~~
* ~~DTR circuit is incorrect (you don’t want the capacitor)~~
* ~~10k is too large a resistor for controlling an LED~~
* ~~You need to connect both Vccs and both All GNDs~~
* ~~You need an oscillator connected to the XTAL pins~~
* ~~You need 4 low side drivers~~
* ~~Use PWM pins for motor drivers~~
* ~~Connect Atmega to regulator, not battery JST~~
* ~~Pulldown resistors for motor drivers~~
* ~~Voltage divider ratio is wrong (Vout is too low), and resistances are too high~~
* ~~Inductor footprint isn’t the same as BOM (0603 vs 0204)~~
* ~~Wrong footprint for Radio, that is the SMD component, not the breakout~~

# Round 2:

**BOM:**

* ~~Voltage regulator needs to have exposed pins for easy soldering~~
* Make sure vendor links and datasheets are completely in sync
* ~~On resistance for MOSFET is a little high, Ids is too low~~

**Schematic:**

* ~~Motors should be connected to battery, not voltage regulator~~
* ~~Oscillator is not actually connected to XTAL pins on MCU~~
* ~~Connect VCC to output of regulator~~
* ~~Resistor divider ratio is too high, will damage chip. Also don’t use resistors in parallel~~
* ~~You have two grounds, GND and 0, connect them~~
* ~~100uF is not in schematic[~~