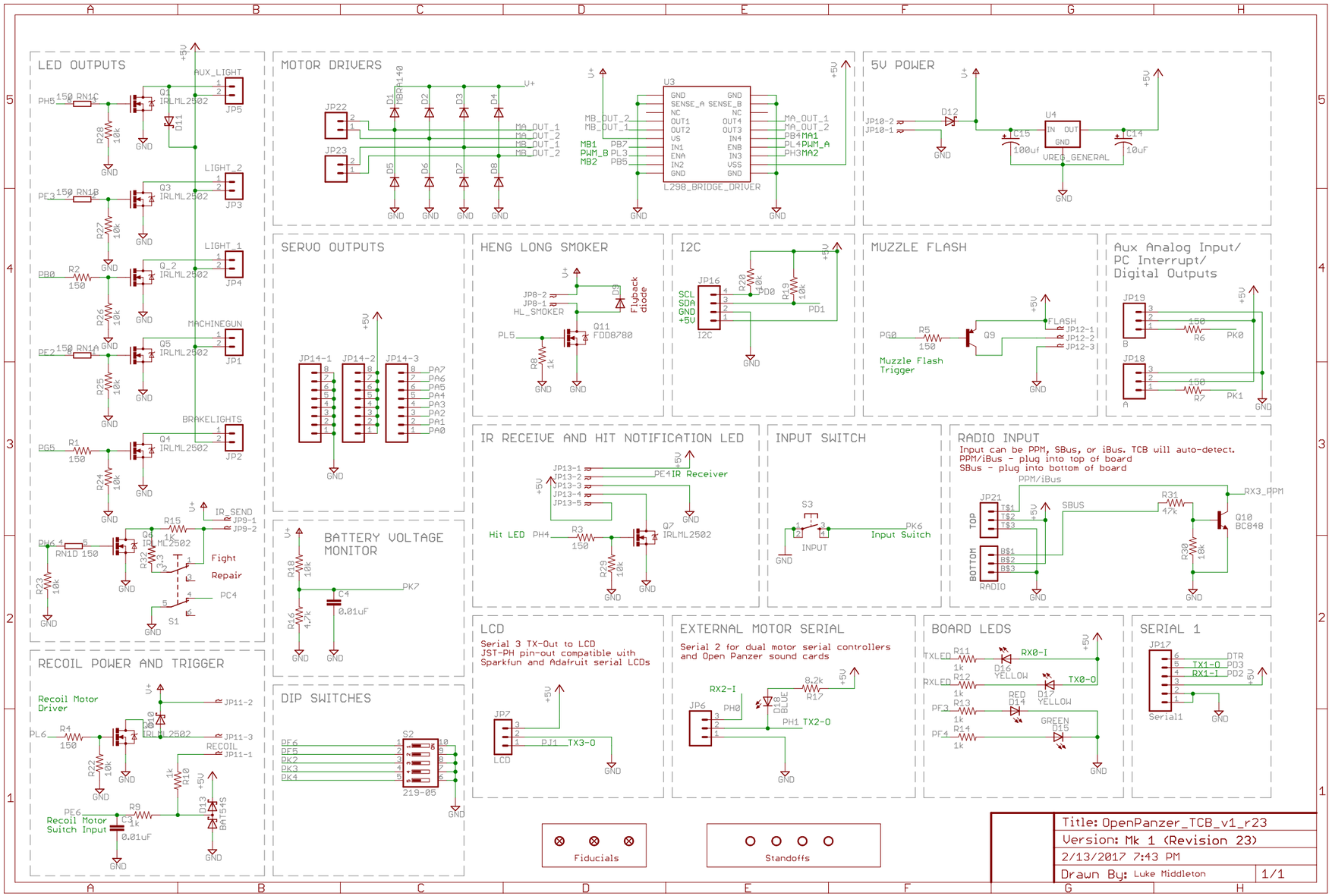
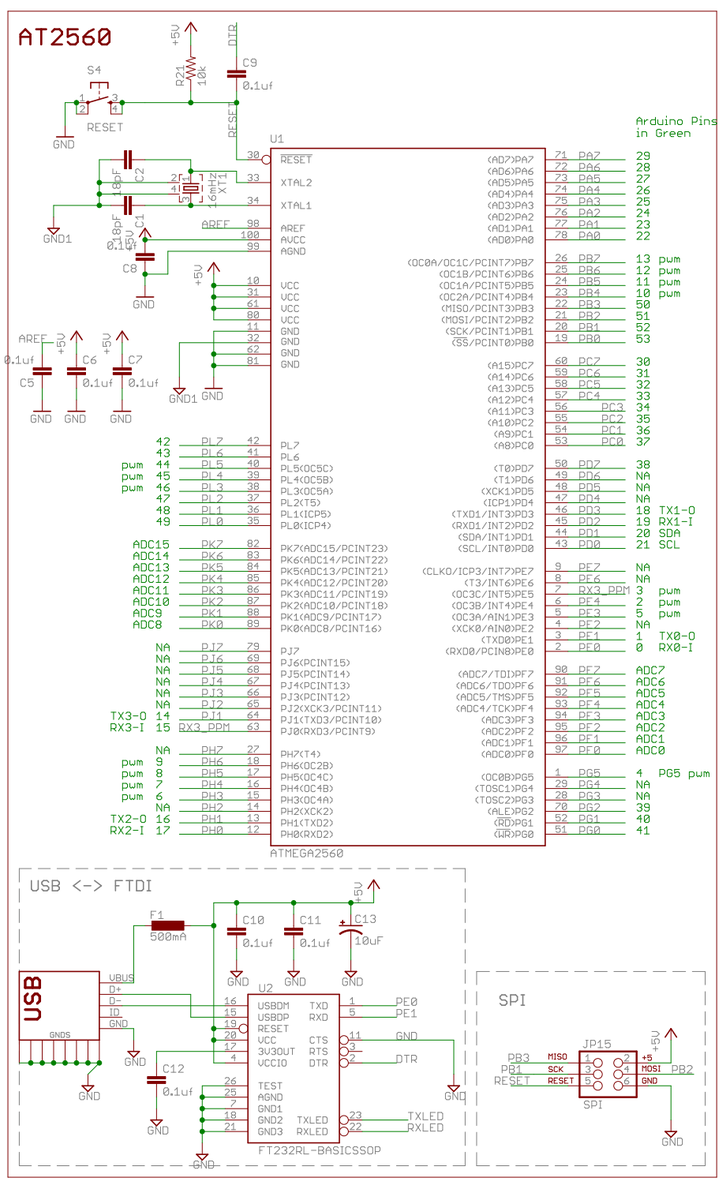

LED OUTPUTS
MOTOR DRIVERS
5V POWER
SERVO OUTPUTS
HENG LONG SMOKER
I2C
MUZZLE FLASH
Aux Analog Input/
PC Interrupt/
Digital Outputs
IR RECEIVE AND HIT NOTIFICATION LED
INPUT SWITCH
RADIO INPUT
Input can be PPM, SBus, or iBus. TCB will auto-detect.
PPM/iBus - plug into top of board
SBus - plug into bottom of board
BATTERY VOLTAGE
MONITOR
RECOIL POWER AND TRIGGER
DIP SWITCHES
LCD
Serial 3 TX-Out to LCD
JST-PH pin-out compatible with
Sparkfun and Adafruit serial LCDs
EXTERNAL MOTOR SERIAL
Serial 2 for dual motor serial controllers
and Open Panzer sound cards
BOARD LEDS
SERIAL 1
Fiducials
Standoffs
Title: OpenPanzer_TCB_v1_r23
Version: Mk 1 (Revision 23)
2/13/2017 7:43 PM
Drawn By: Luke Middleton
1/1


AT2560
Arduino Pins
in Green
ATMEGA2560
USB <-> FTDI
SPI