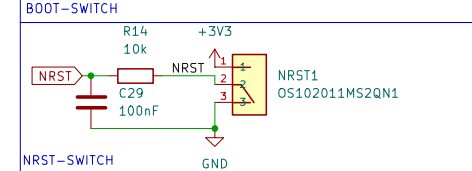
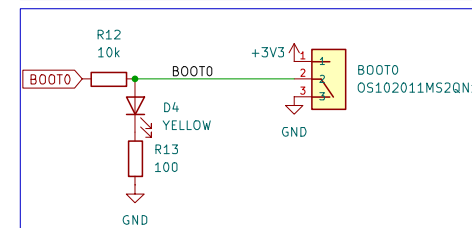
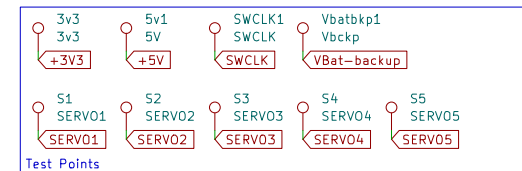
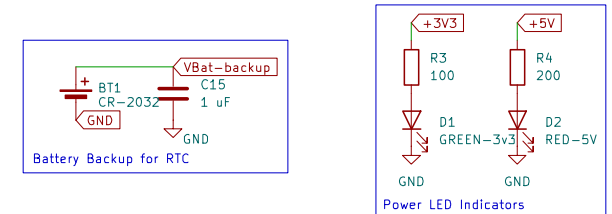
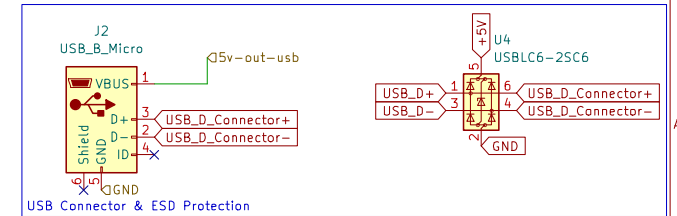
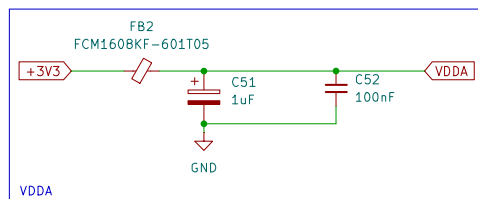
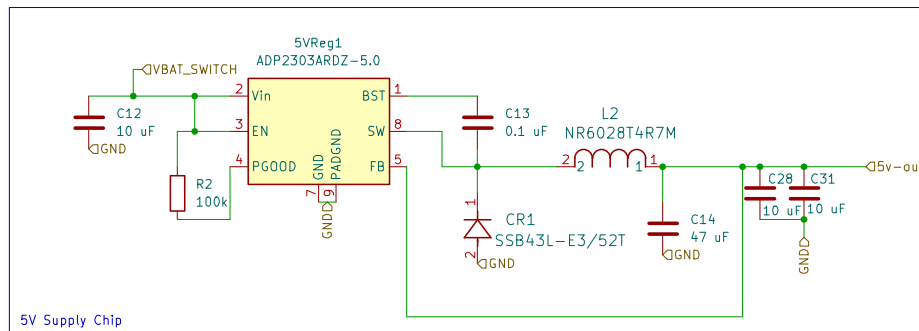
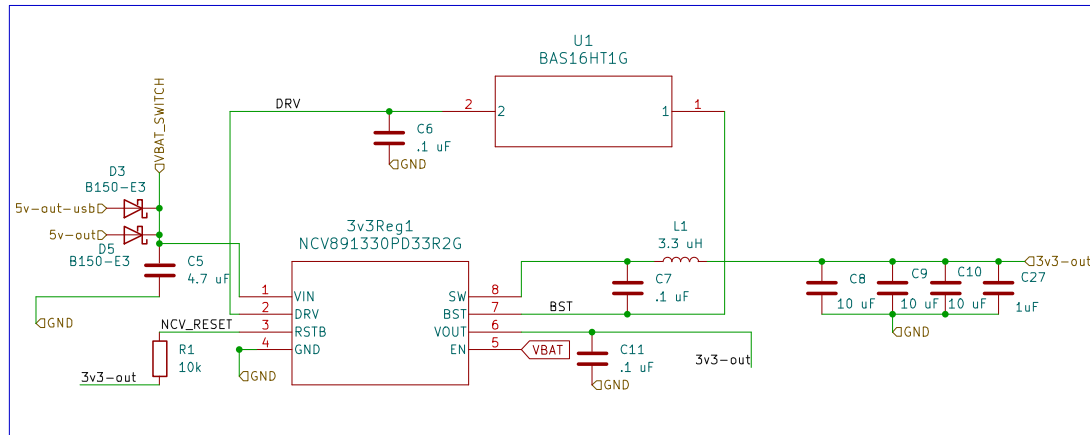


Input Voltage: 4–20 Volts.
 *If using TVC Servos, ensure power source is capable of supplying 750 mA + (Sum of current for x number of TVC Servos)
 *Ideally pouch LiPo/18650 Li-Ion cells to be used for power source.

USB-Micro is only capable of 1.5 A if the power supply is capable.
 -The board can be supplied by the Included Micro-USB, IF the following IS NOT being used:
 -Testing pyro channels with ematches connected
 -Using TVC Servos
 -Using the built-in expansion ports to breakout to additional module boards



Revision Description
 rev1 -> rev2: Fixed a short on reg. U7
 Corrected resistor values for proper LED current

Sheet: /Power/
 File: Power.sch.kicad_sch

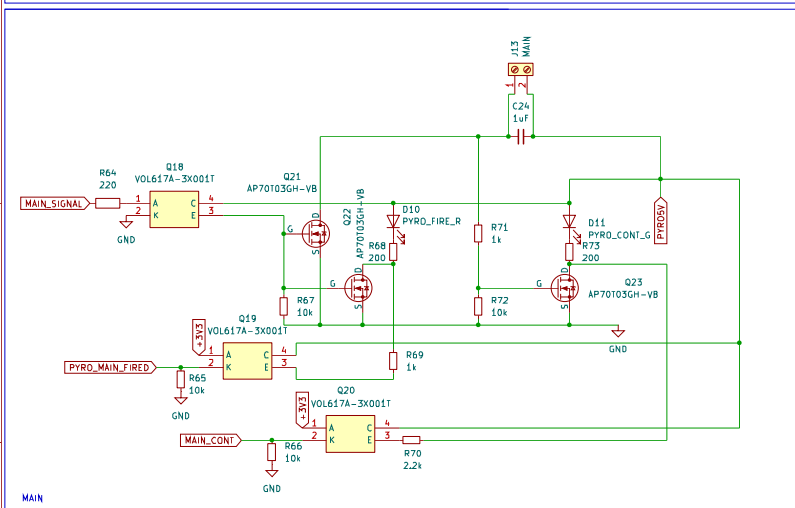
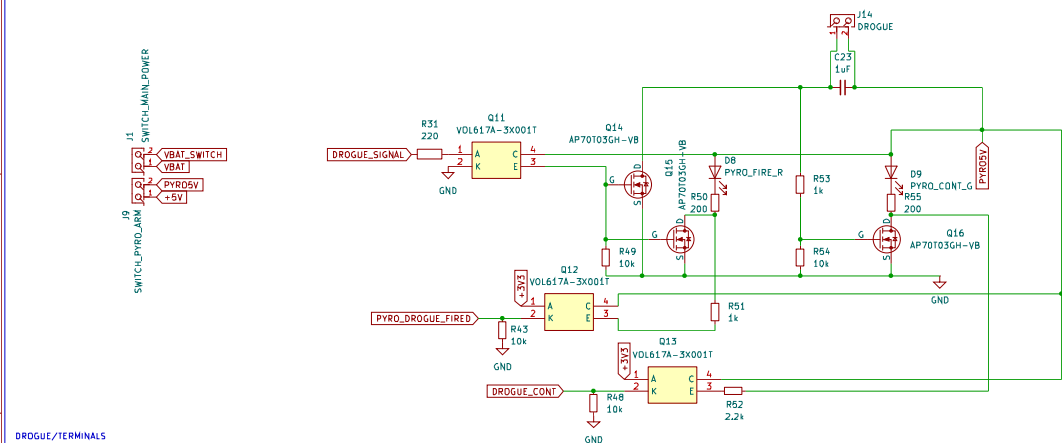
Title: H.A.V.O.C.

Size: A4
 KiCad E.D.A. 8.0.3

Date:

Rev: 1
 Id: 2/3

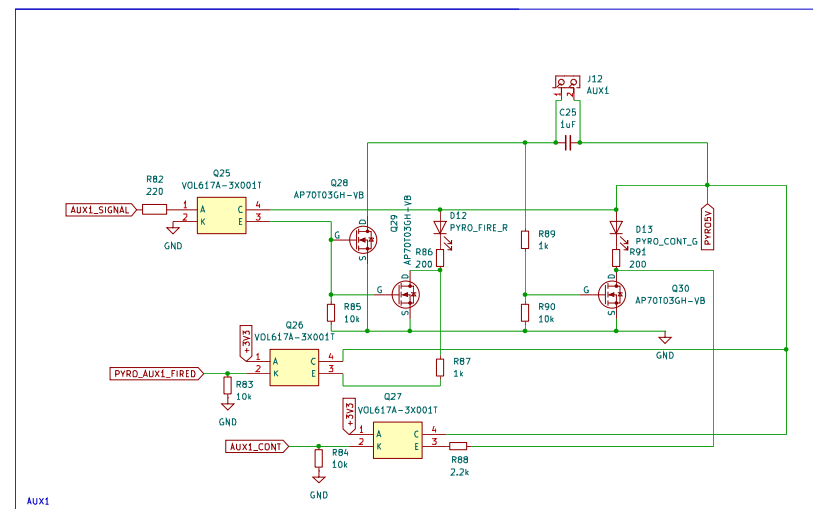
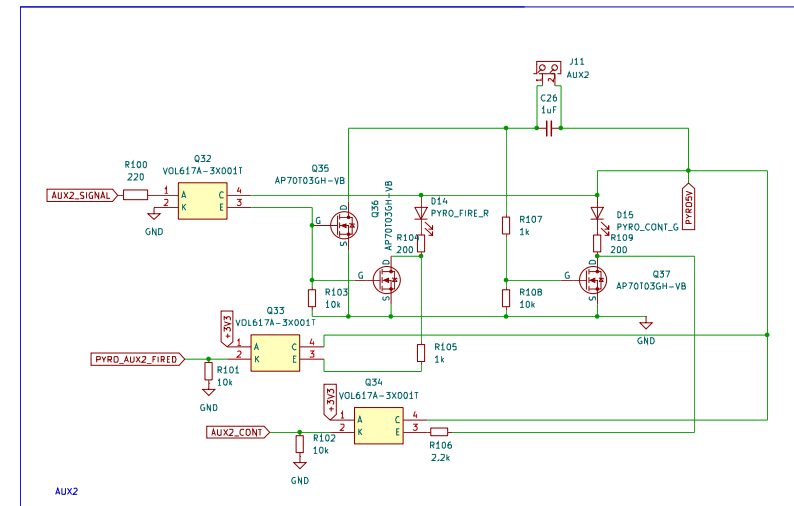
*A switch should ALWAYS be utilized on the 5V/PYRO_5V screw terminal to enable safe arming of the pyro channels (when ready to launch).
E-MATCHES HAVE NO POWER UNTIL PYRO SWITCH IS PHYSICALLY ARMED



REFERENCE: EE-STACK EXCHANGE

<https://electronics.stackexchange.com/questions/707473/how-can-i-make-a-continuity-check-for-a-model-rocket-igniter>

Revision	Revision Description
rev1 -> rev2:	Removed current limiting resistors from before each screw terminal.



Sheet: /PYRO---TERMINALS/
File: PYRO---TERMINALS.kicad_sch

Title:

Size: B

Date:

Rev:

KiCad E.D.A. 8.0.3