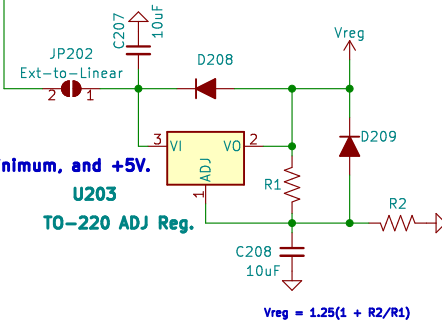


External Power Source
No LiPo Charge Support: 3.2V – 13V
LiPo Charge Support: 7.5V – 13V

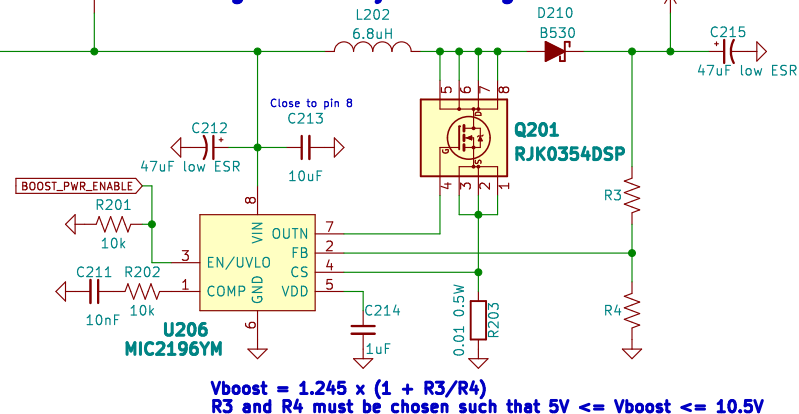
Power Source Configurations
1. External 5–12.5V
2. Internal Lilon Battery (3.2–4.2V)

If a linear regulator is installed, its minimum output voltage needs to be the greater of the Optional Aux. Control output minimum, and +5V.

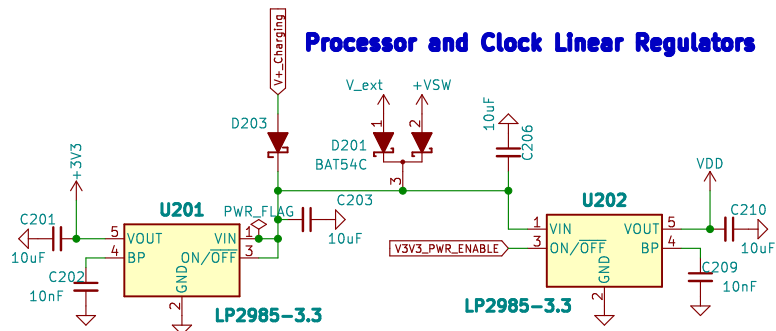
Optional Linear Regulator



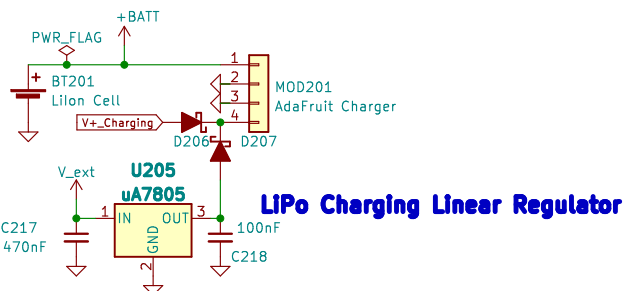
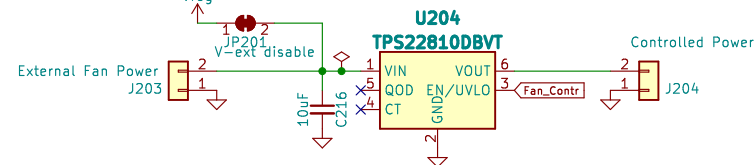
High-Efficiency Boost Regulator



Processor and Clock Linear Regulators



OPTIONAL AUX CONTROL



Sheet: /Power Supply/
File: PowerSupply.kicad_sch

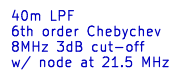
Title: SignalSlinger

Size: A4 Date: 2024-06-13

KiCad E.D.A. kicad (6.0.4-0)

Rev: 3.4

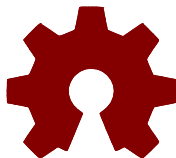
Id: 2/4



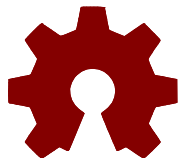
L301 & L302 = 1.3uH
C302 & C305 = 470pF
C303 = 820pF
C304 = 43pF

Sheet: /RF Filters/		D
File: RF_Filters.kicad_sch		
Title: SignalSlinger		
Size: A4	Date: 2024-06-13	
KiCad E.D.A. kicad (6.0.4-0)		Rev: 3.4
		Id: 3/4

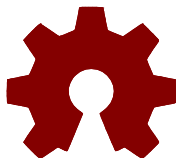
Core Product



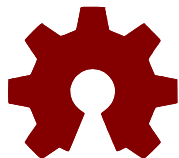
Chassis Box



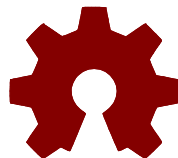
PCB Screws



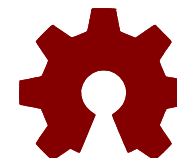
LED Light Pipes



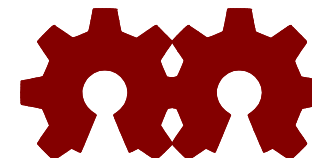
Magnet Wire for RF Inductors



PCB_AND_ASSEMBLY

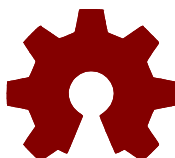


T0-220 Mounting Hardware

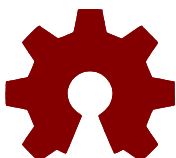


Shorting Jumper Shorting Jumper

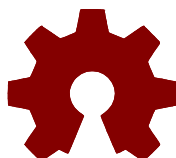
FTDI Support



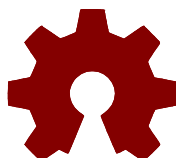
FTDI Cable



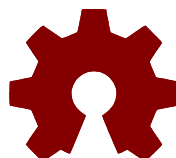
9POS Backshell



9-Pin D Male

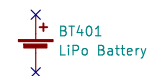


6-pin Angled Header

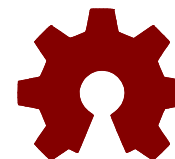


FTDI Adapter PCB

Internal Battery Support



BT401
LiPo Battery



LiPo Charger Module

Sheet: /Misc/
File: Misc.kicad_sch

Title: SignalSlinger

Size: A4 Date: 2024-06-13

KiCad E.D.A. kicad (6.0.4-0)

Rev: 3.4

Id: 4/4