

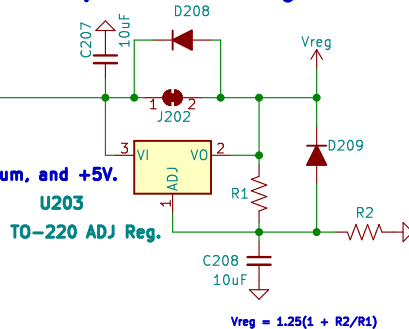
External Power Source  
No LiPo Charge Support: 3.2V – 13V  
LiPo Charge Support: 7.5V – 13V

#### Power Source Configurations

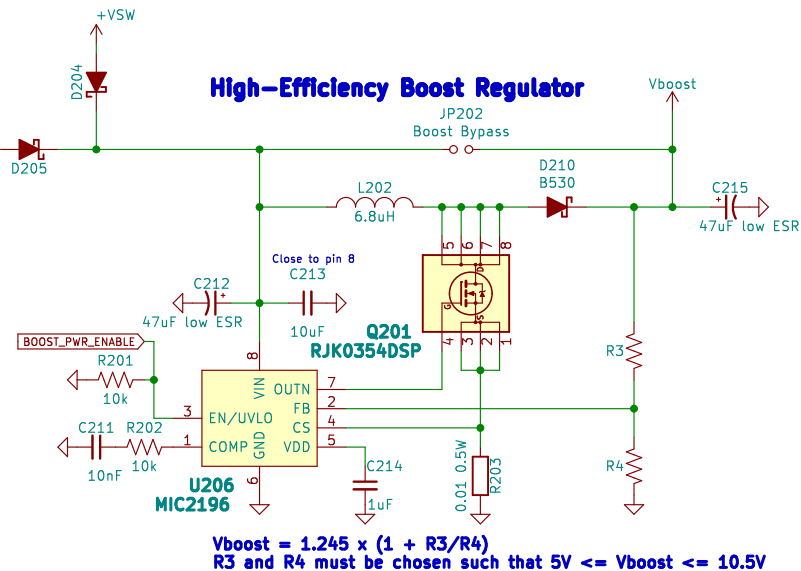
1. External 5–12.5V
2. Internal Lilon Battery (3.2–4.2V)

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

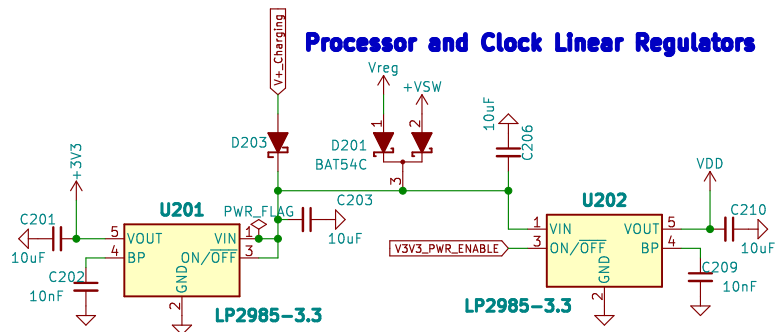
#### Optional Linear Regulator



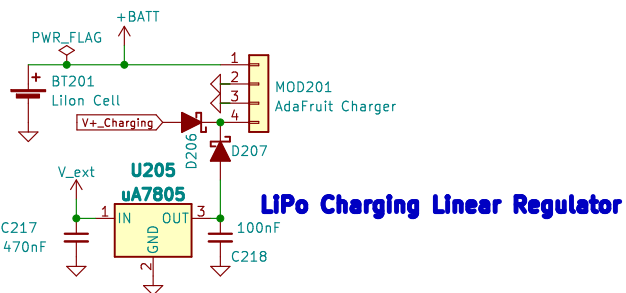
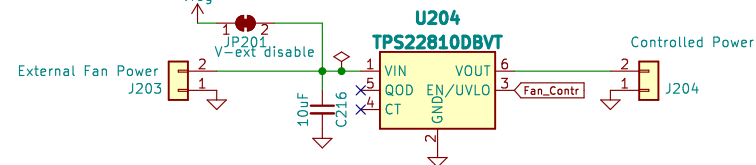
#### High-Efficiency Boost Regulator



#### Processor and Clock Linear Regulators



#### OPTIONAL AUX CONTROL



Sheet: /Power Supply/  
File: PowerSupply.kicad\_sch

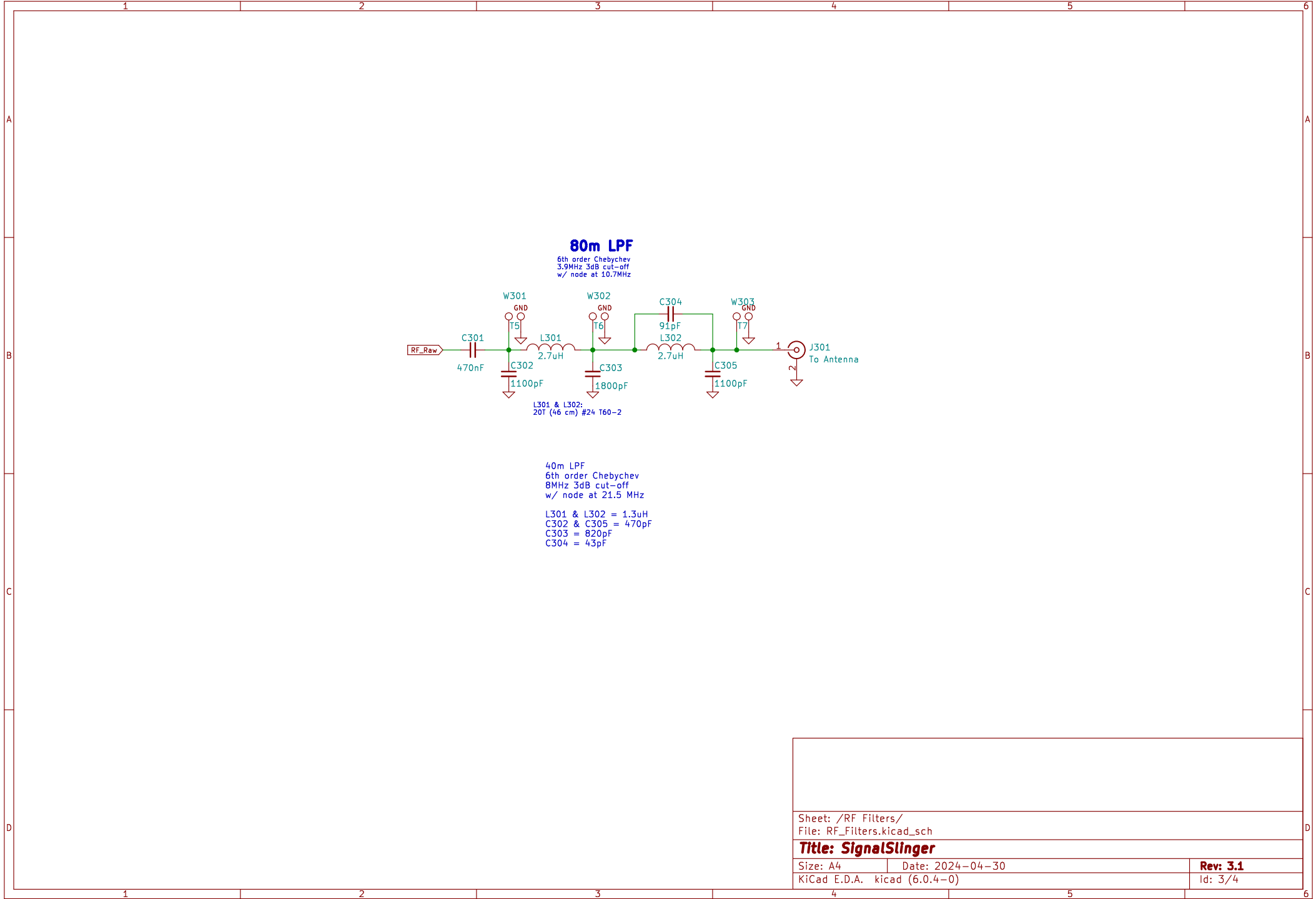
**Title: SignalSlinger**

Size: A4 Date: 2024-04-30

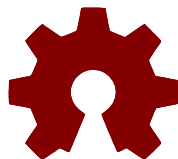
KiCad E.D.A. kicad (6.0.4-0)

**Rev: 3.1**

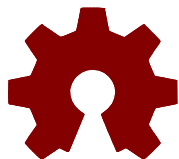
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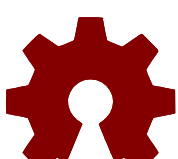
### Core Product



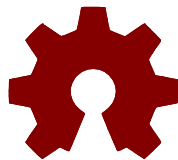
Chassis Box



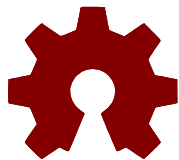
PCB Screws



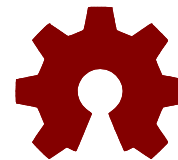
TO-220 Mounting Hardware



LED Light Pipes

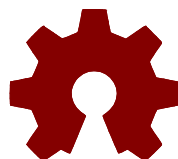


Magnet Wire for RF Inductors

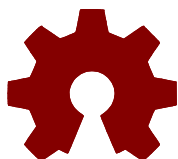


PCB\_AND\_ASSEMBLY

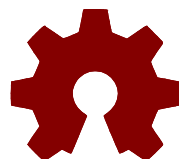
### FTDI Support



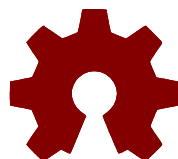
FTDI Cable



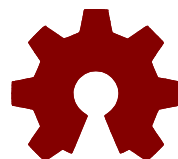
9POS Backshell



9-Pin D Male

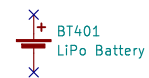


6-pin Angled Header

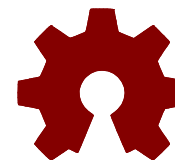


FTDI Adapter PCB

### Internal Battery Support



BT401  
LiPo Battery



LiPo Charger Module

Sheet: /Misc/  
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**Title: SignalSlinger**

Size: A4 Date: 2024-04-30

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**Rev: 3.1**

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