

Sheet: /		
File: SignalSlinger.kicad_sch		
Title: SignalSlinger		
Size: A4	Date: 2026-09-10	Rev: 3,5
KiCad E.D.A. 9.0.4	Id: 1/4	

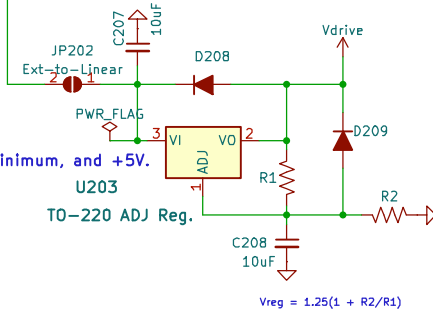
External Power Source
No LiPo Charge Support: 3.2V – 13V
LiPo Charge Support: 7.5V – 13V

Power Source Configurations

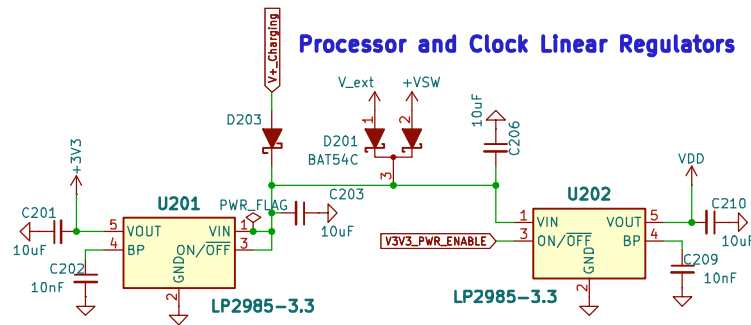
1. External 5–12.5V
2. Internal Lilon Battery (3.2–4.2V)

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

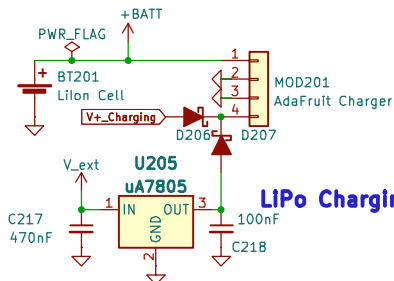
Optional Linear Regulator



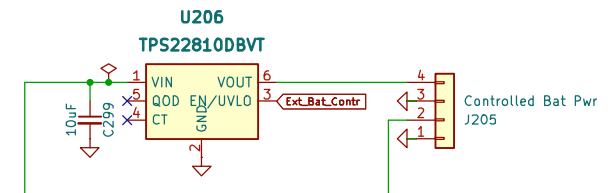
Processor and Clock Linear Regulators



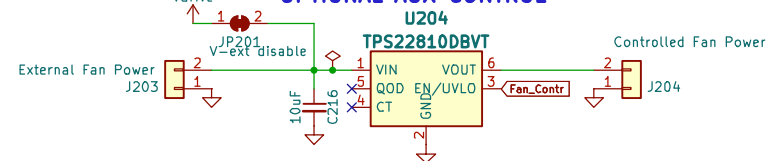
LiPo Charging Linear Regulator



OPTIONAL EXT BATTERY CONTROL



OPTIONAL AUX CONTROL



Sheet: /Power Supply/
File: PowerSupply.kicad_sch

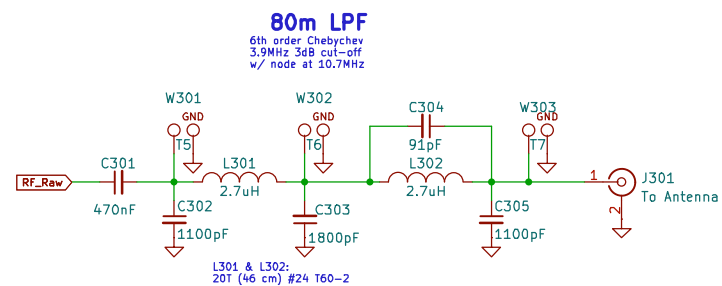
Title: SignalSlinger

Size: A4 Date: 2026-09-10

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40m LPF
6th order Chebychev
8MHz 3dB cut-off
w/ node at 21.5 MHz

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

Sheet: /RF Filters/
File: RF_Filters.kicad_sch

Title: SignalSlinger

Size: A4

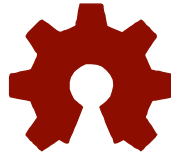
Date: 2026-09-10

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Core Product



Chassis Box



PCB Screws



LED Light Pipes



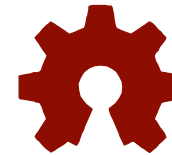
Magnet Wire for RF Inductors



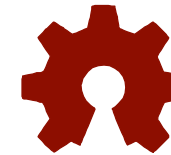
PCB_AND_ASSEMBLY



T0-220 Mounting Hardware

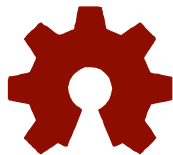


Shorting Jumper



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: 2026-09-10

KiCad E.D.A. 9.0.4

Rev: 3.5

Id: 4/4