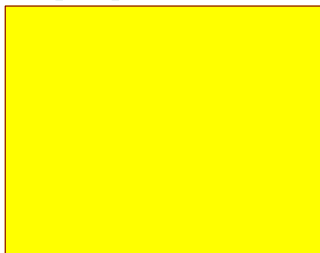


Phone Charger 2023 – V2 OF PHONE CHARGER 2022

1.USB–C IN

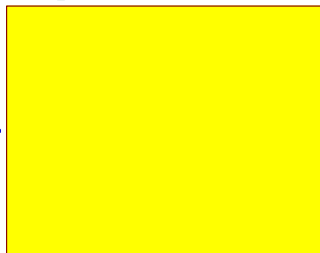
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2. IP5306 CHRГ

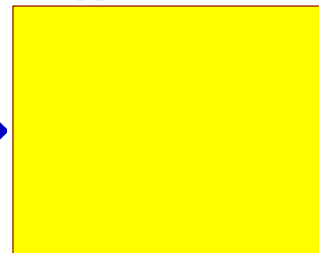
IP5306_CHRG



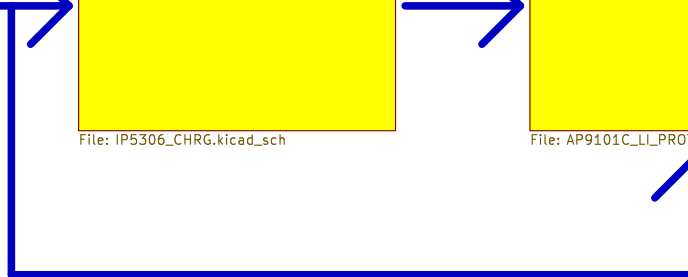
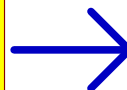
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3. AP9101C PROT

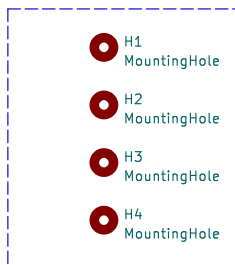
AP9101C_LL_PROT



File: AP9101C_LL_PROT.kicad_sch



MOUNTING HOLES



DRAWN BY: DEAN WILLIAM RICCIO
DESIGNED BY: DEAN WILLIAM RICCIO
RELECTRONICS

Sheet: /
File: Phone Charger 2023.kicad_sch

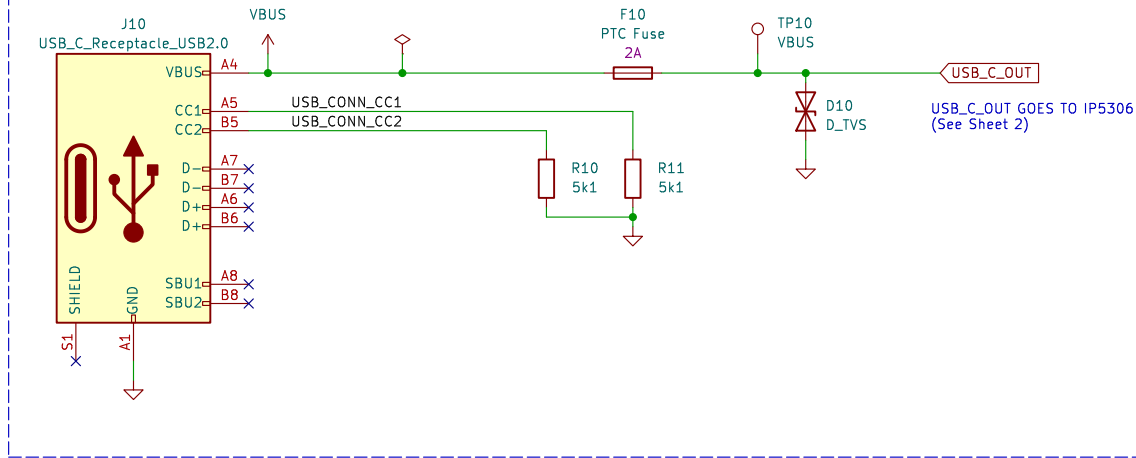
Title: PHONE CHARGER 2023

Size: A5 Date: 2023–04–09
KiCad E.D.A. kicad (7.0.0)

Rev: 0
Id: 1/4

1. USB-C_POWER_INPUT

USB – C Charging and Power Delivery For The System



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Sheet: /USB-C_POWER_INPUT/
File: USB-C_POWER_INPUT.kicad_sch

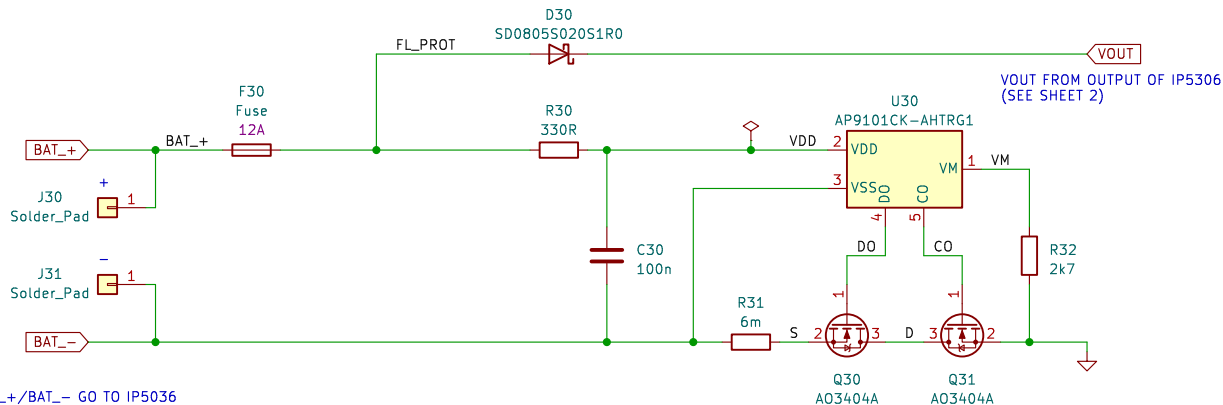
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KiCad E.D.A. kicad (7.0.0)

Rev: 0
Id: 2/4

3. APC9101C_PROT

AP9101C_PROTECTION_IC _ PROTECTS 3.7V LITHIUM ION BATTERY FOR IP5306 BREAKOUT BOARD



BAT_+/BAT_- GO TO IP5036
(SEE SHEET 2)

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Sheet: /AP9101C_LL_PROT/
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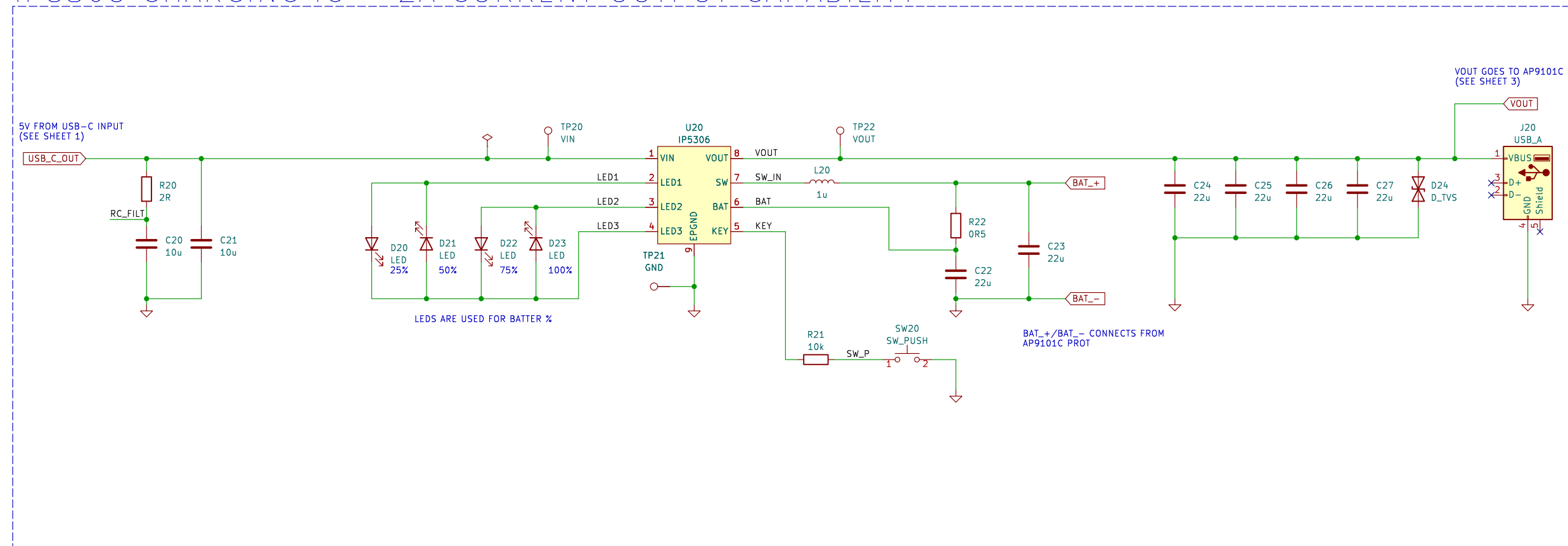
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KiCad E.D.A. kicad (7.0.0)

Rev: 0
Id: 3/4

2. IP5306 Break Out Board

IP5306 CHARGING IC – 2A CURRENT OUTPUT CAPABILITY



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Sheet: /IP5306_CHRG/
File: IP5306_CHRG.kicad_sch

Title: PHONE CHARGER 2023

Size: A3	Date: 2023-04-09
KiCad E.D.A. kicad (7.0.0)	

Rev: 0
Id: 4/4