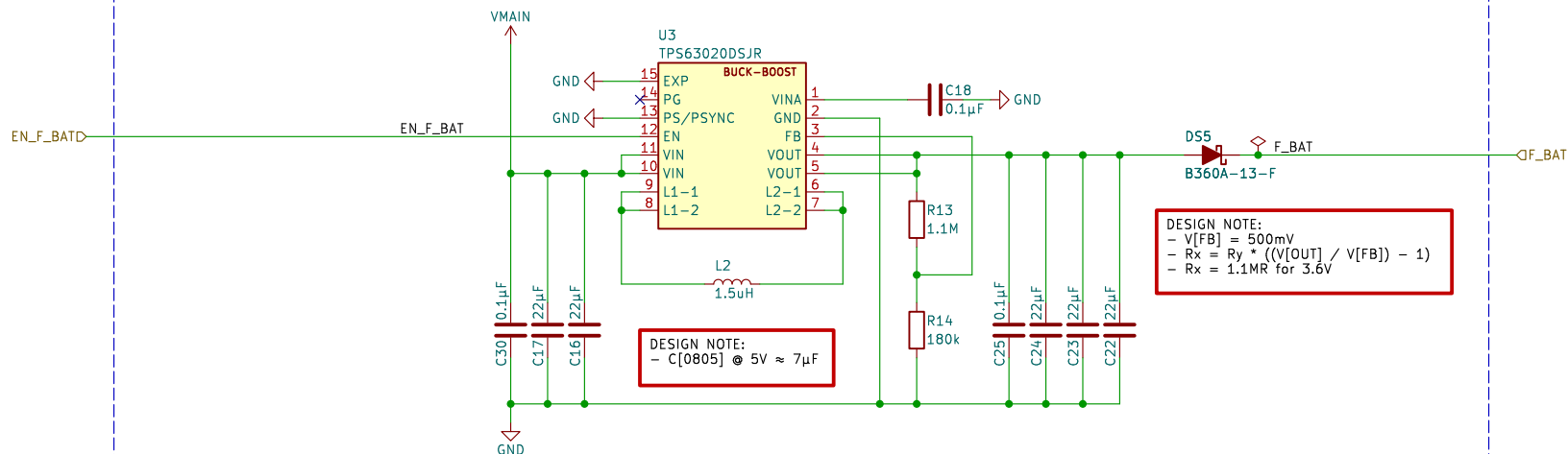
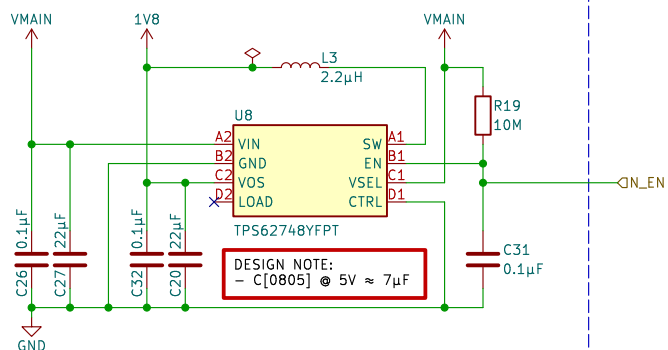


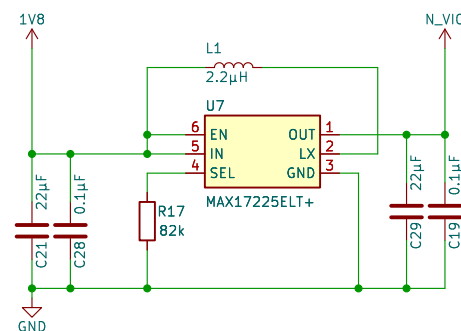
Buck-Boost, 3.6V@2A



Buck, 1.8V@300mA



Boost, 3.3V@150mA



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Title:
Notecarrier-F

Drawn By: Heath Raftery contact@empirical.ee

File: Notecarrier-F_Power-Rails.kicad_sch

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EmpiricalEE

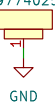
Label Promotion

Net labels on this sheet need to be common with other sheets. In the original Altium source files, this was achieved for some labels by adding Off-Sheet Connectors to the nets. But any others (inadvertently perhaps) rely on promoting all net labels to global using the "Net Identifier Scope" setting. This renders the original Off Sheet Connectors redundant. To avoid losing that distinction, and to take advantage of the informative and scope-maintenance benefits of the top-level sheet introduced in the port, we opt to leave net labels as local, and promote the scope of those that require it here.

See Porting-Notes.md for more details.

Notecard Fasteners

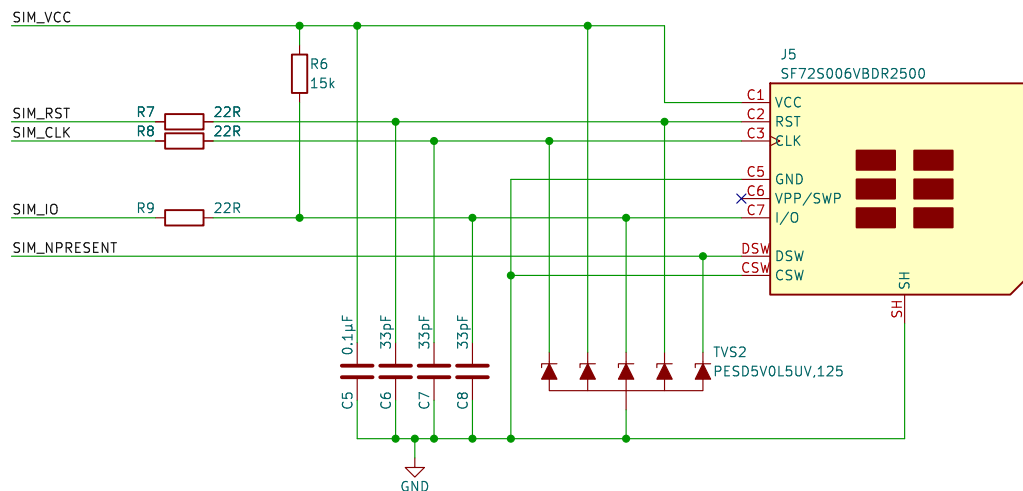
OBJ1
9774025151R



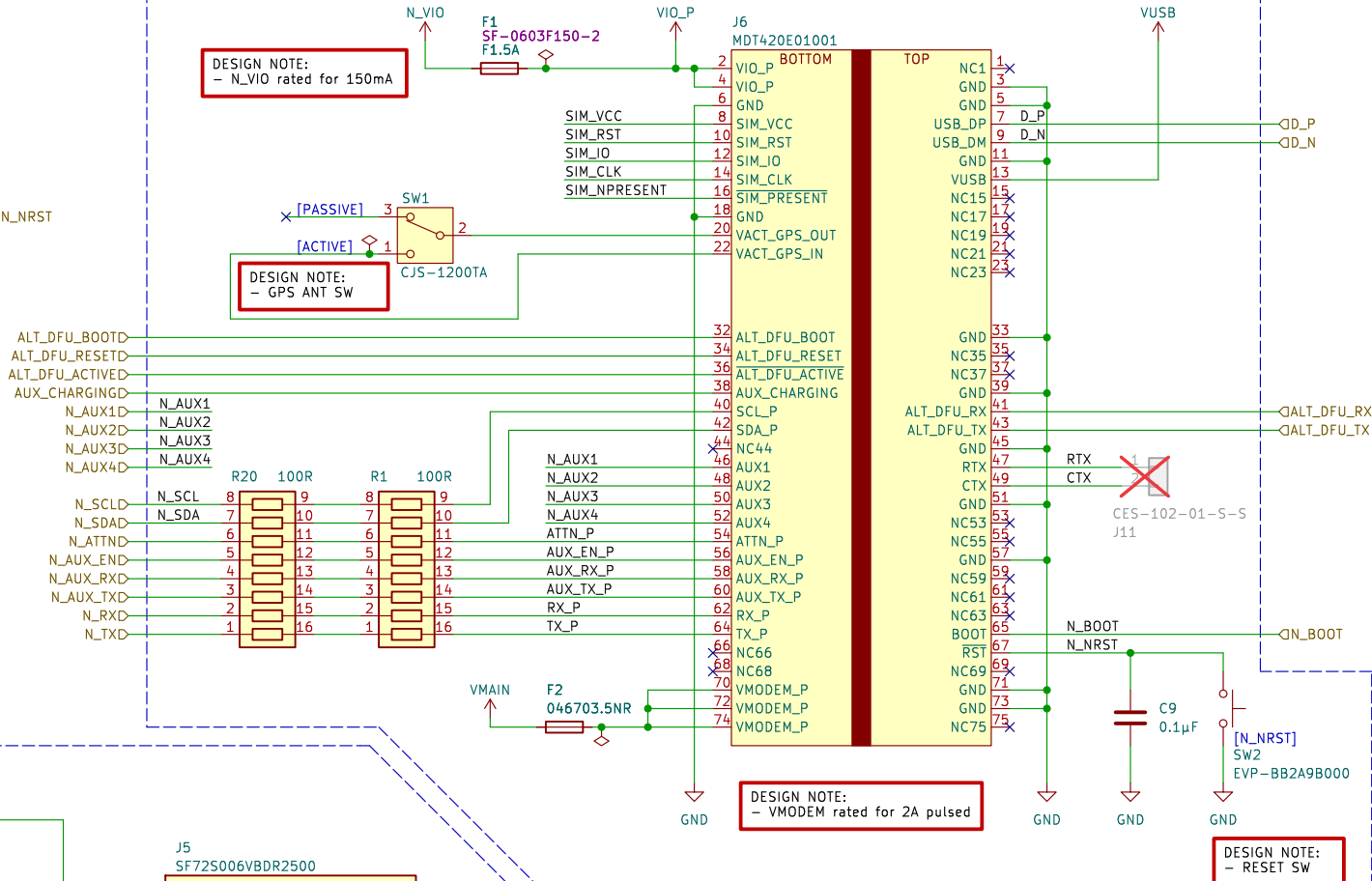
ASS1
KNOB M2.5x4-INOX



SIM Card



Notecard Connector



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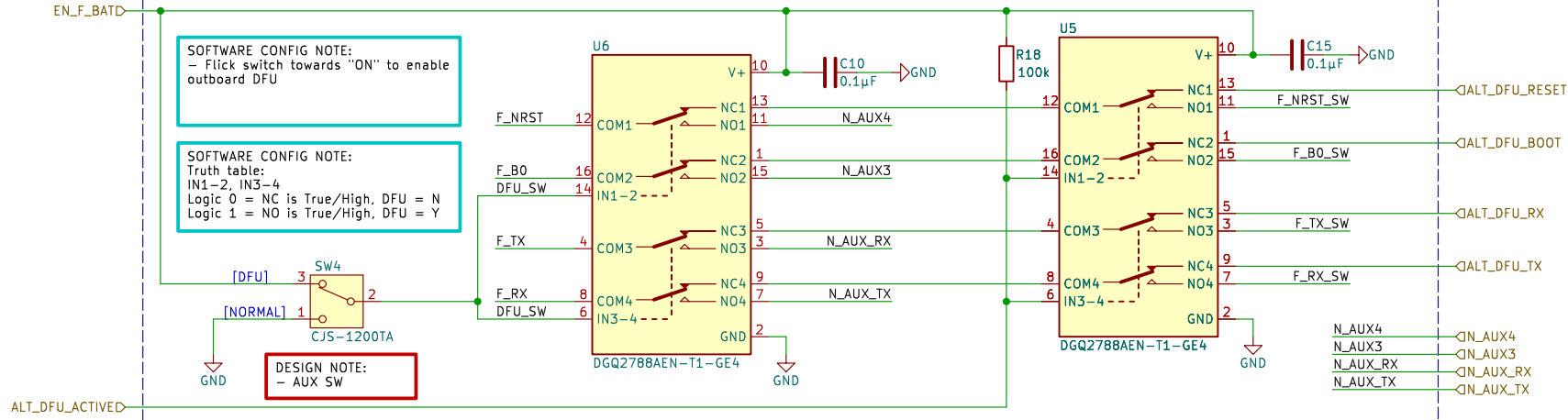
Title:
Notecarrier-F

Drawn By: Heath Raftery contact@empiricalEE

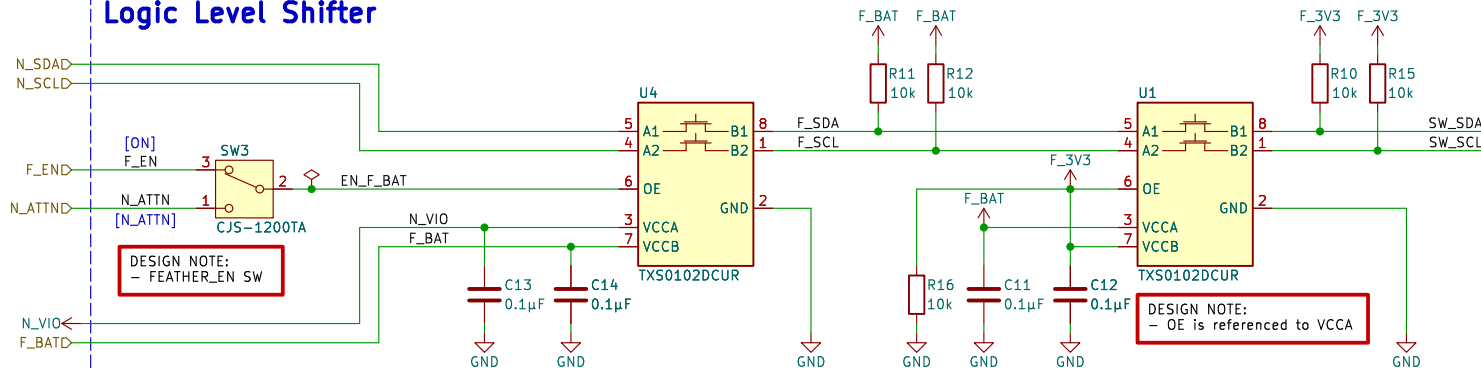
File: Notecarrier-F_Notecard.kicad_sch

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DFU Enable

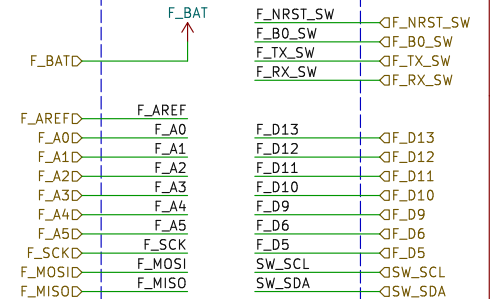


Logic Level Shifter

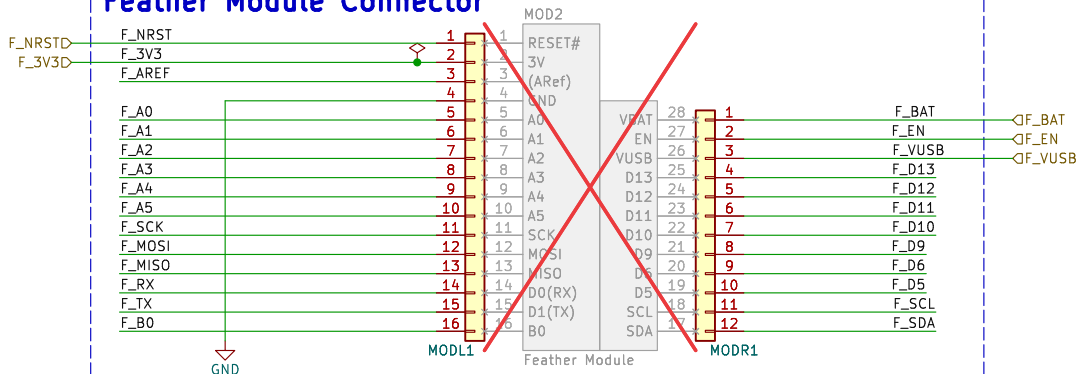


Label Promotion

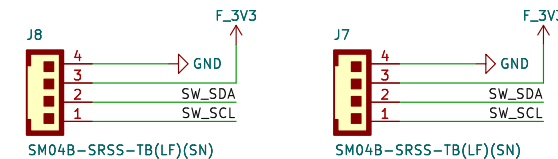
See note on Notecard sheet.



Feather Module Connector



QWIIC Connectors



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Title:
Notecarrier-F

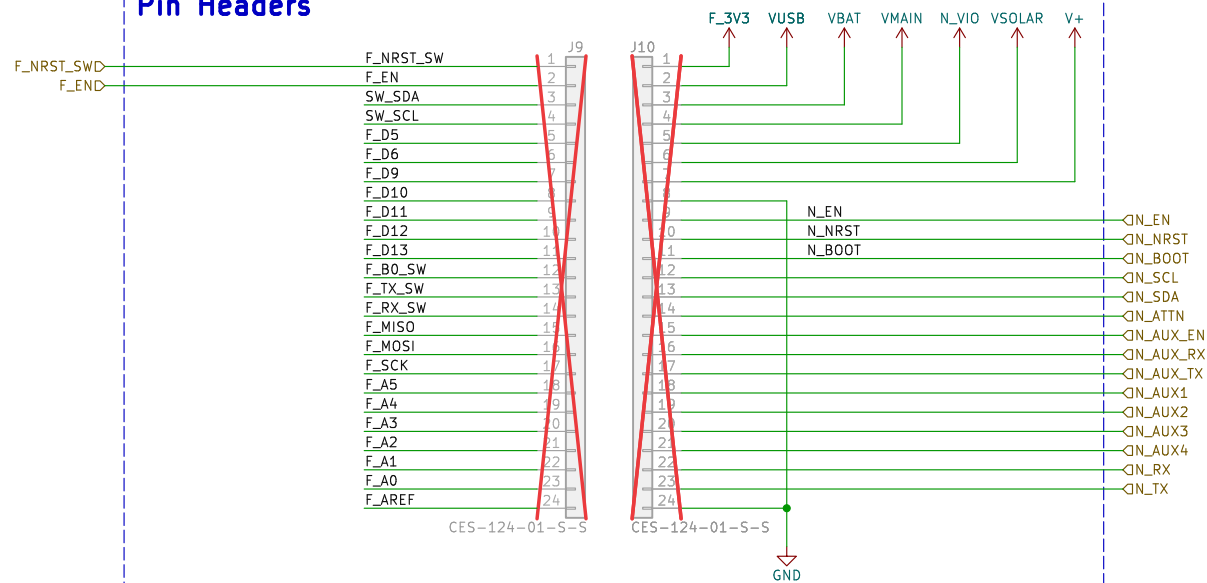


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File: Notecarrier-F_Feather.kicad_sch

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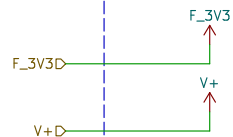
Pin Headers



Label Promotion

Several of the net labels on this sheet need to be common with other sheets. In the original Altium source files, this was achieved for some labels by adding Off-Sheet Connectors to the nets. But any others (inadvertently perhaps) rely on promoting all net labels to global using the "Net Identifier Scope" setting. This renders the original Off Sheet Connectors redundant. To avoid losing that distinction, and to take advantage of the informative and scope-maintenance benefits of the top-level sheet introduced in the port, we opt to leave net labels as local, and promote the scope of those that require it here.

See Porting-Notes.md for more details.



SW_SDA	QSW_SDA
SW_SCL	QSW_SCL
F_D5	QF_D5
F_D6	QF_D6
F_D9	QF_D9
F_D10	QF_D10
F_D11	QF_D11
F_D12	QF_D12
F_D13	QF_D13
F_B0_SW	QF_B0_SW
F_TX_SW	QF_TX_SW
F_RX_SW	QF_RX_SW
F_MISO	QF_MISO
F_MOSI	QF_MOSI
F_SCK	QF_SCK
F_A5	QF_A5
F_A4	QF_A4
F_A3	QF_A3
F_A2	QF_A2
F_A1	QF_A1
F_A0	QF_A0
F_AREF	QF_AREF

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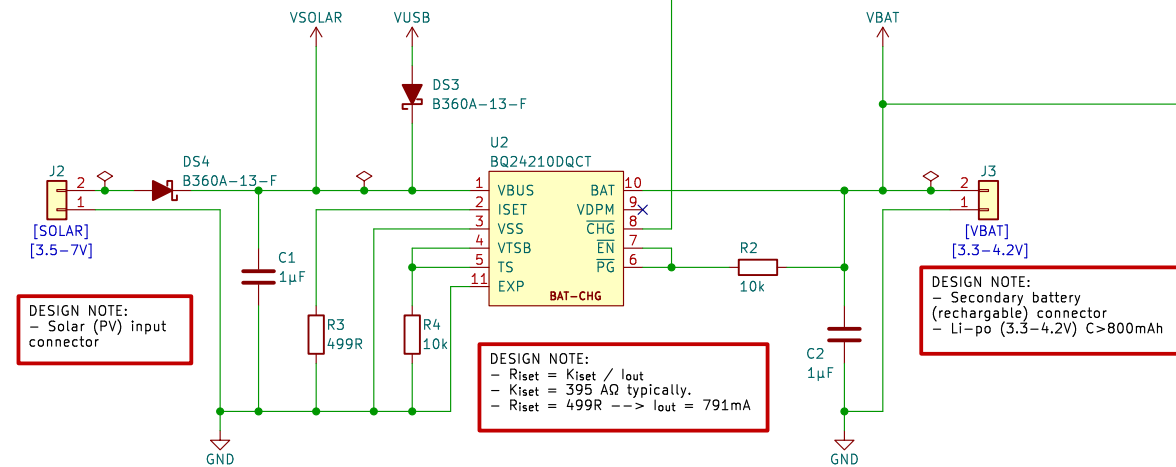
Title:
Notecarrier-F

Drawn By: Heath Raftery  EmpiricalEE
contact@empirical.ee

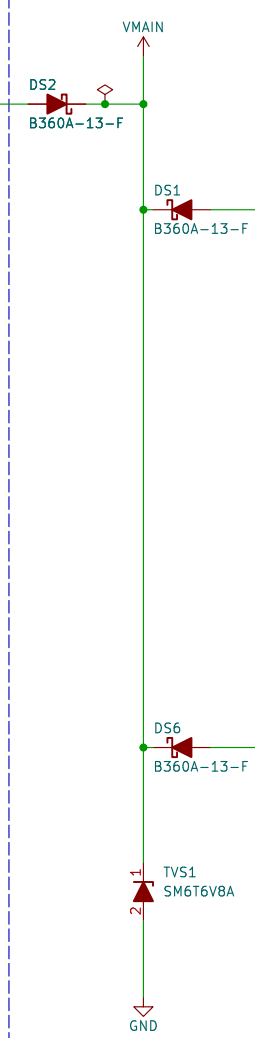
File: Notecarrier-F_IO.kicad_sch

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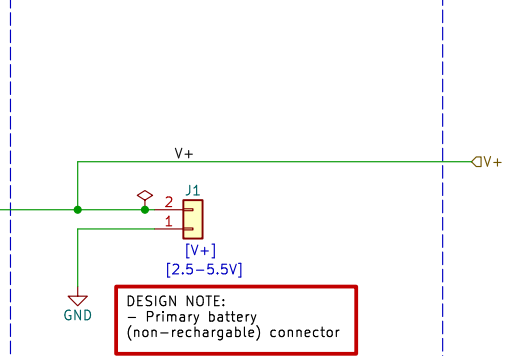
Battery Charger



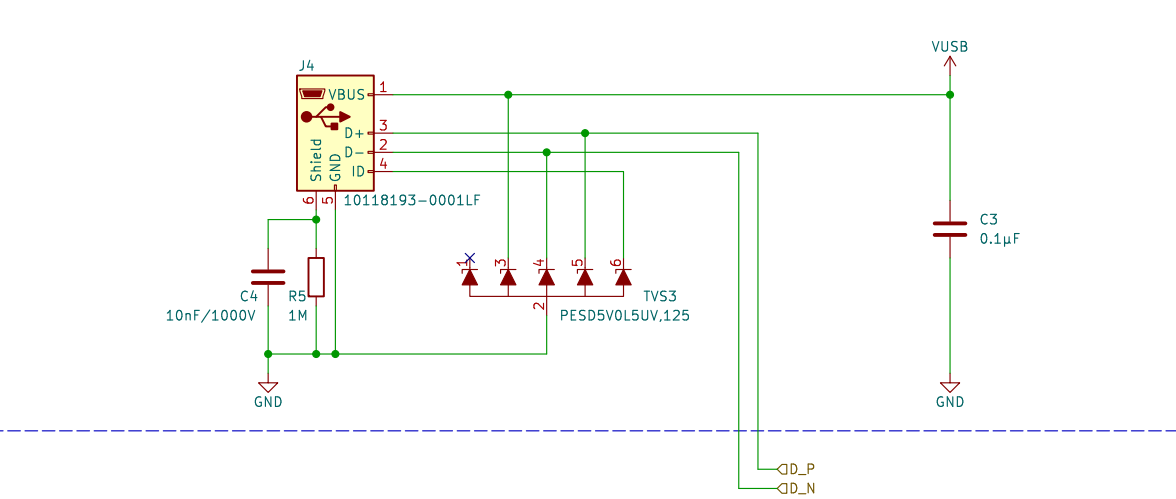
Main Power Bus



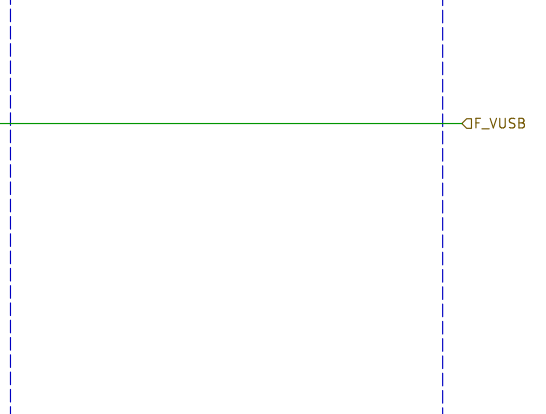
Non-rechargeable Battery



Notecard Power Input (USB)



Notecard Power Input (USB)



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Title:
Notecarrier-F

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File: Notecarrier-F_Power-Input.kicad_sch

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