

power

File: power.kicad_sch

Connectors

File: connector.kicad_sch

Ethernet

File: ethernet.kicad_sch

Approved By: Jones Kisaka

Deigned By: Rodney Osodo

Abstract Machines

Sheet: /

File: s0-base-board.kicad_sch

Title: S0 Base Board

Size: A4

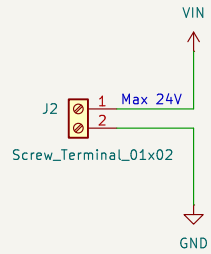
Date: 2025-02-26

Rev: v0.1.0

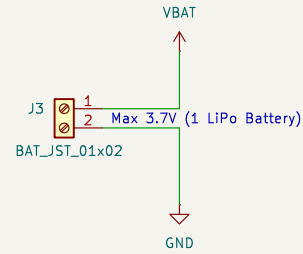
KiCad E.D.A. 8.0.8

Id: 1/4

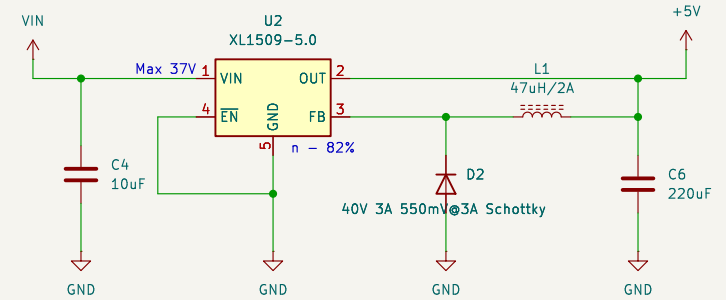
T-BLOCK



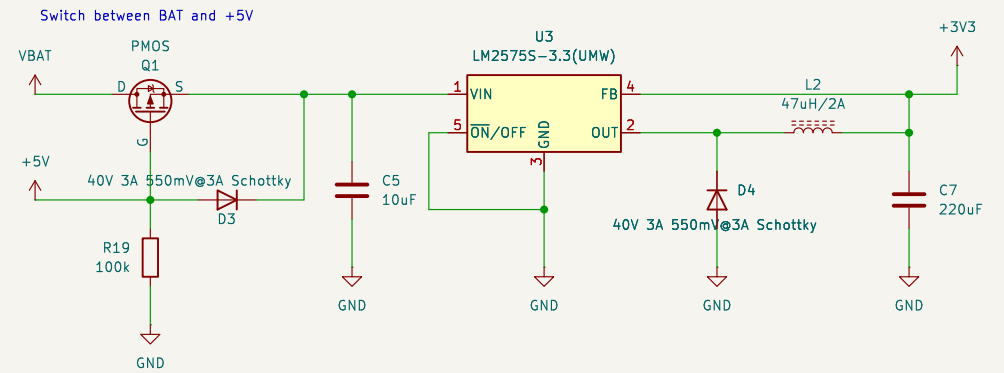
BAT



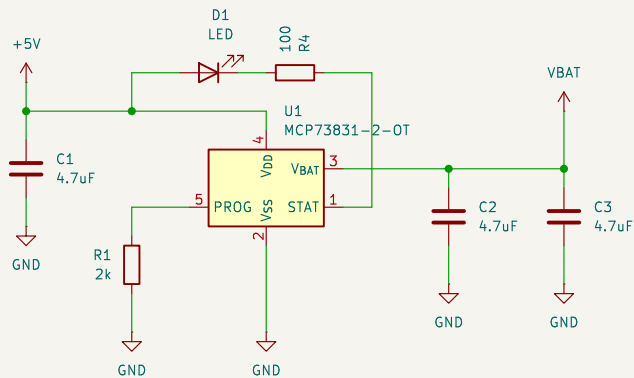
VIN – 5V CONV



5V – 3.3V CONV



BATTERY CHARGER



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Abstract Machines

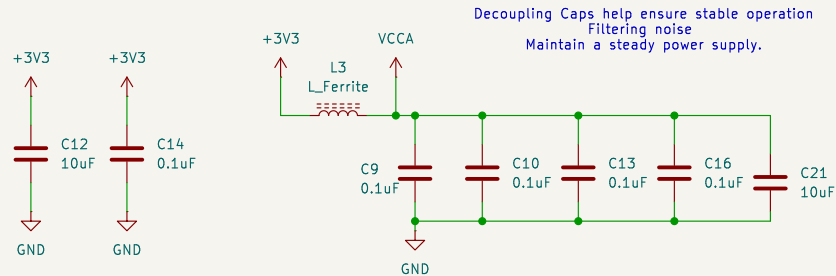
Sheet: /power/
File: power.kicad_sch

Title: S0 Base Board

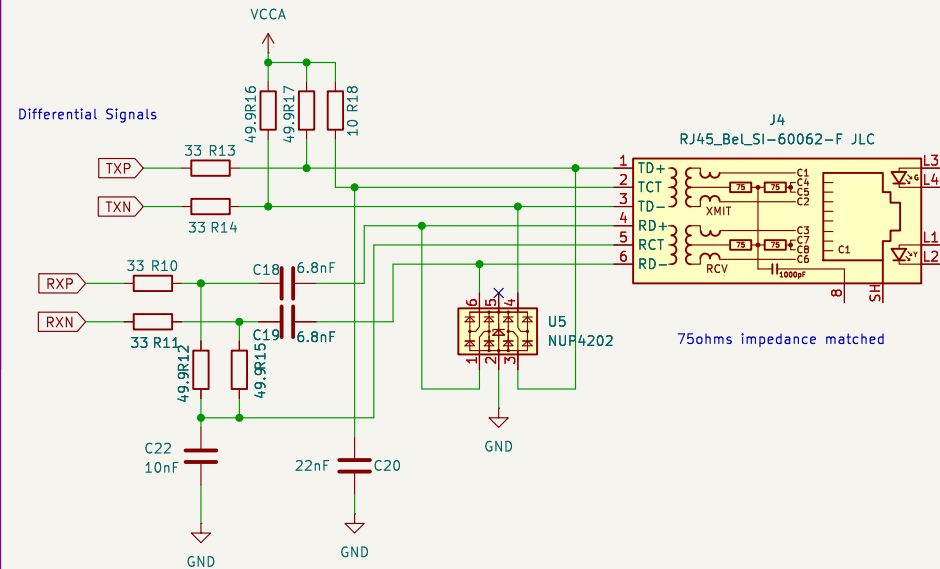
Size: A4 Date: 2025-02-26
KiCad E.D.A. 8.0.8

Rev: v0.1.0
Id: 2/4

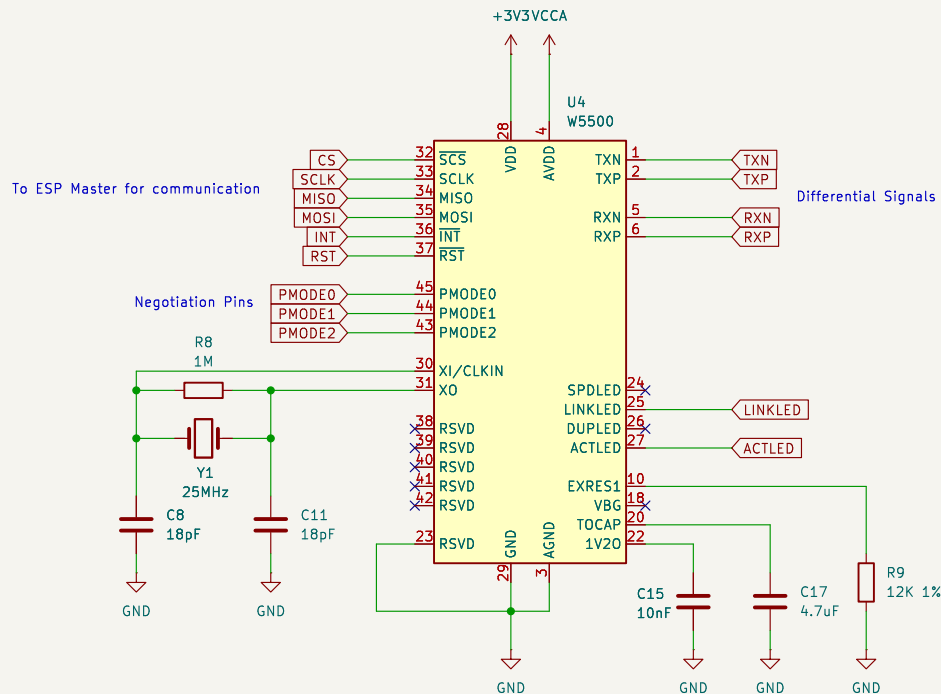
DECOUPLING CAPS



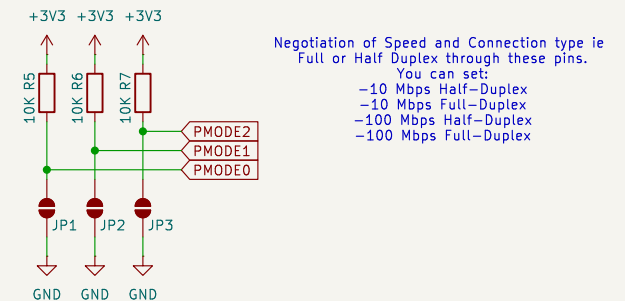
JACK & MAGNETICS



W5500 ETHERNET PHY/MAC



AUTO-NEGOTIATING MODES



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Abstract Machines

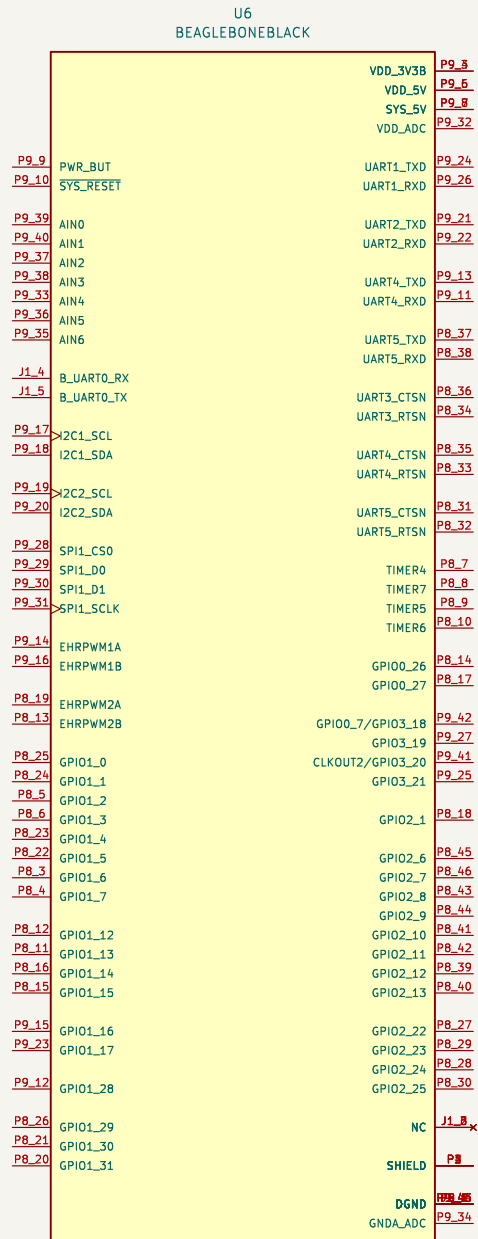
Sheet: /Ethernet/
File: ethernet.kicad_sch

Title: S0 Base Board

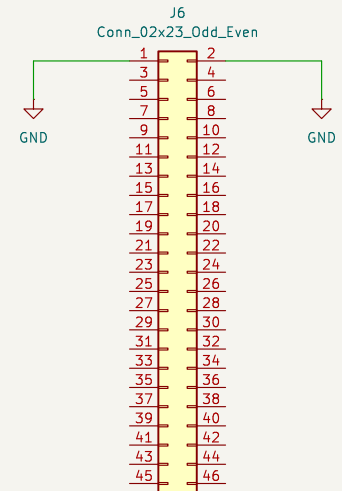
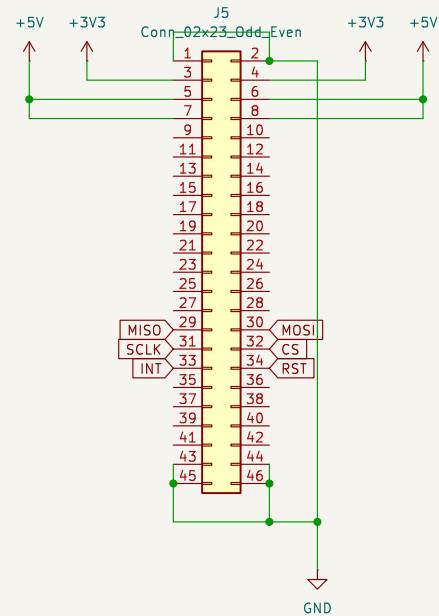
Size: A4 Date: 2025-02-26
KiCad E.D.A. 8.0.8

Rev: v0.1.0
Id: 3/4

BeagleBone Cape Board



Female Pin Headers connected to the BeagleBone Cape



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Sheet: /Connectors/
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Size: A4 Date: 2025-02-26
KiCad E.D.A. 8.0.8

Rev: v0.1.0
Id: 4/4