power

File: power.kicad\_sch

Ethernet

File: ethernet.kicad\_sch

**SDCard** 

File: sdcard.kicad\_sch

## Connectors

File: connector.kicad\_sch

wiredmbus

File: mbus.kicad\_sch

Approved By: Jones Kisaka Deigned By: Rodney Osodo

Abstract Machines

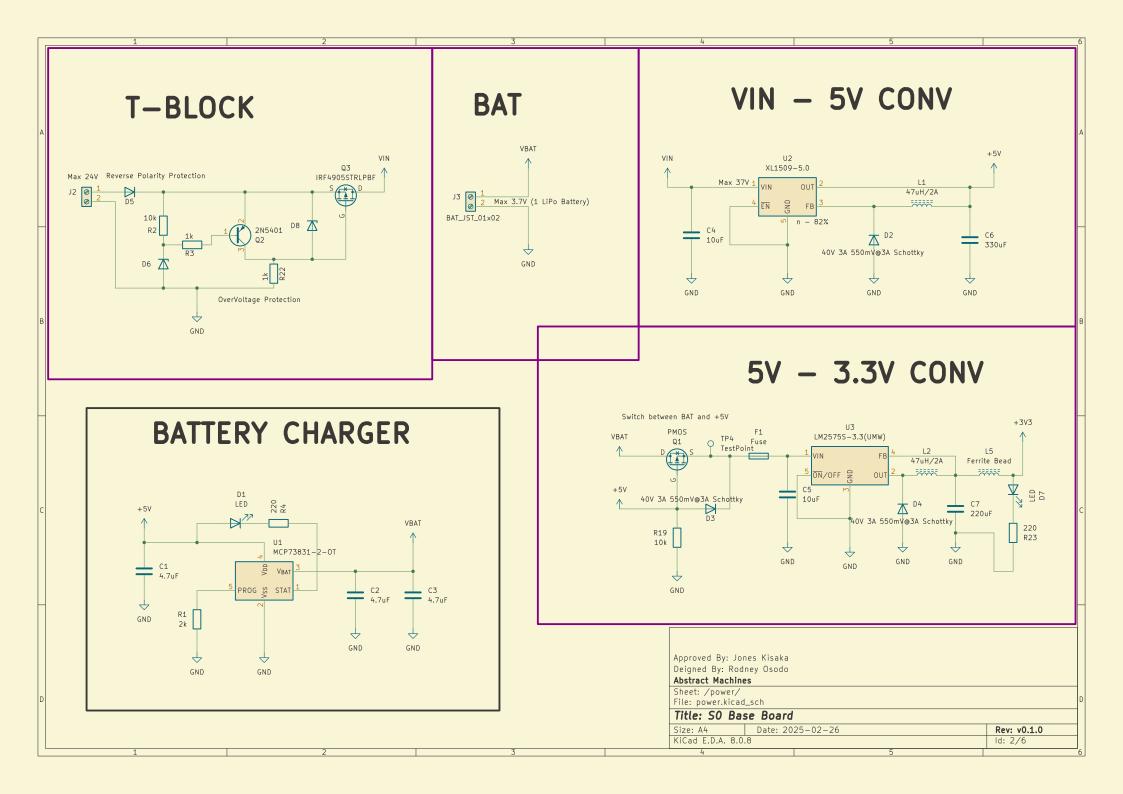
Sheet: /

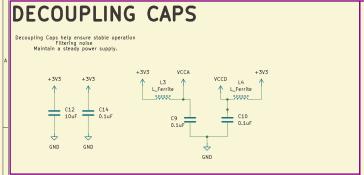
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Title: SO Base Board

 Size: A4
 Date: 2025-02-26
 Rev: v0.1.0

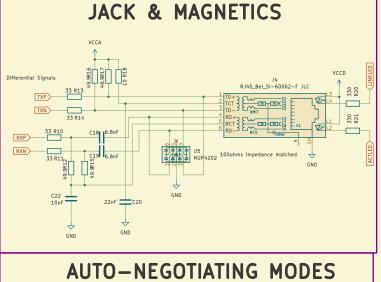
 KiCad E.D.A. 8.0.8
 Id: 1/6

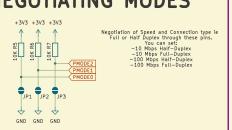




## W5500 ETHERNET PHY/MAC U4 C16 C21 C23 C24 C25 C26 W5500 O.1uF O.1uF O.1uF O.1uF O.1uF To ESP Master for communication Differential Signals Negotiation Pins PMODE1 PMODE2 1 M SPDLED 24 LINKLED 25 LINKLED DUPLED 26 ACTLED Y1 25MHz EXRES1 VBG 18 TOCAP 20 18pF R9 12K 1% C15 10nF GND

4D02WGJ0103TCE GND 4D02WGJ0103TCE





Approved By: Jones Kisaka
Deigned By: Rodney Osodo
Abstract Machines
Sheet: /Ethernet/
File: ethernet.kicad\_sch

Titte: 50 Base Board
Size: A3 | Date: 2025–02–26 | Rev: v0.1.0 |
KiCad E.D.A. 8.0.8 | Id: 3/6

