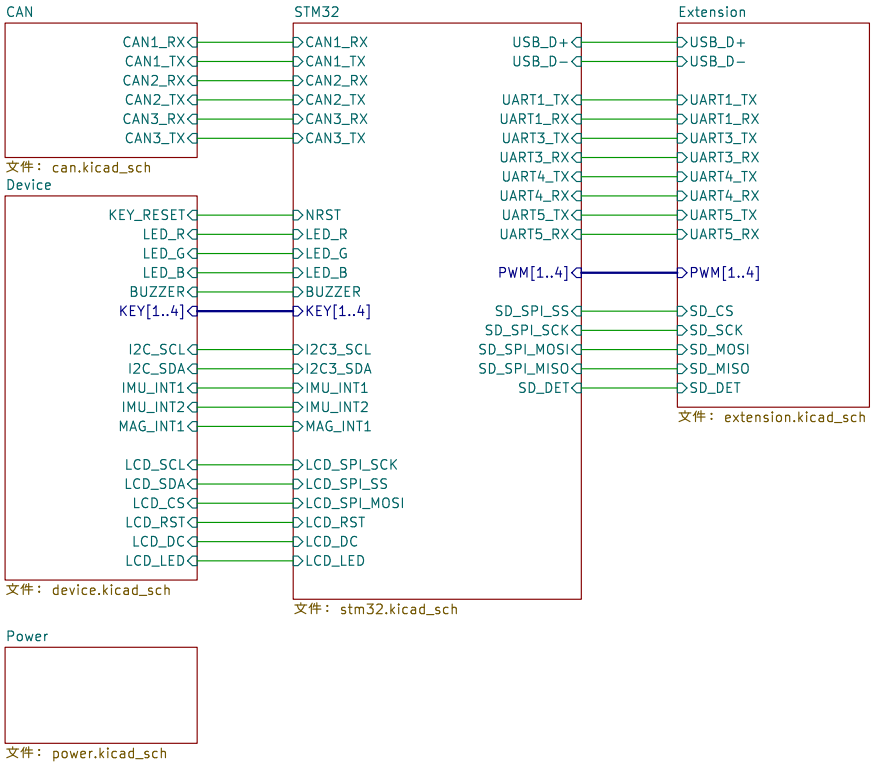


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# Changelog

- v1.0 2023-10-15
  - Initial release.
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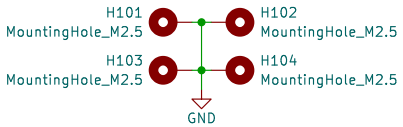

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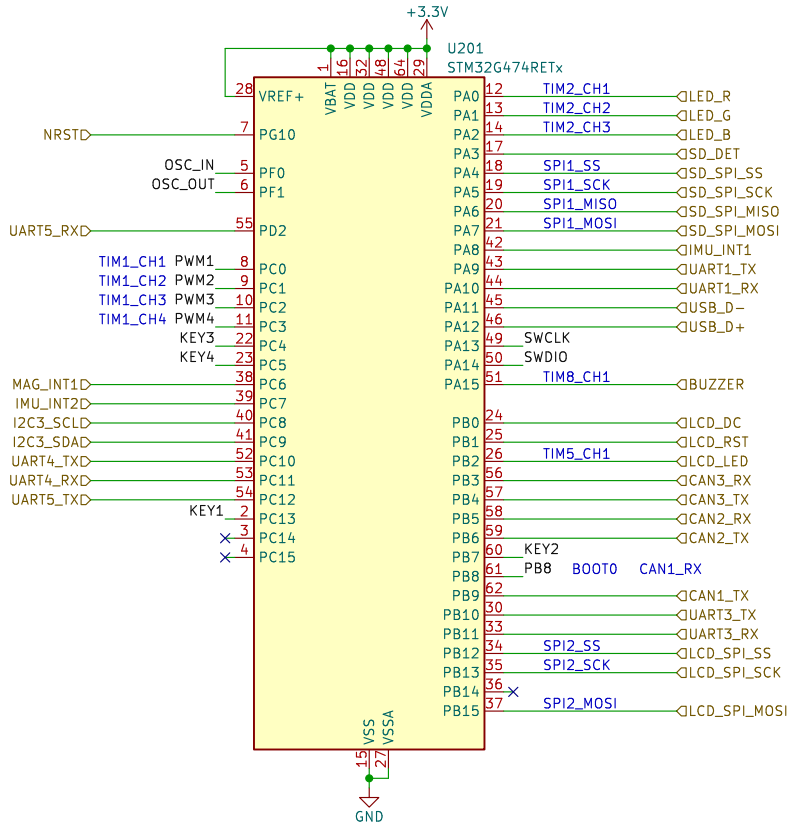
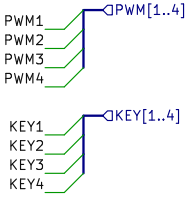
Sheet: /
File: peanut-core.kicad_sch

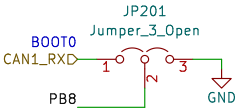
Title: Peanut Core

Size: A4	Date: 2023-10-15	**Rev: 1.0**
KiCad E.D.A. kicad 7.0.8		Id: 1/6

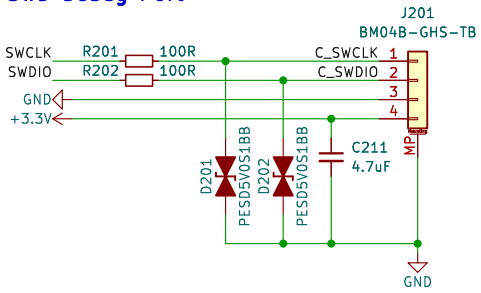


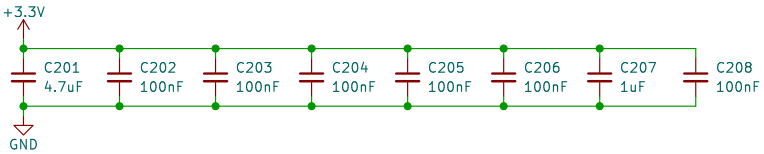


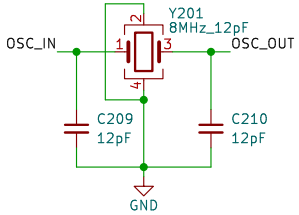
PB8 BOOT0 Jumper



SWD Debug Port







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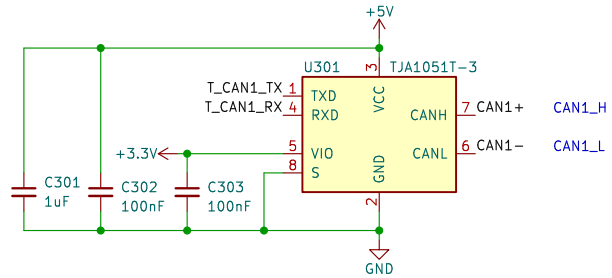
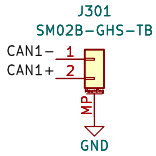
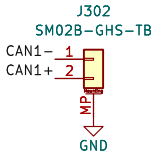
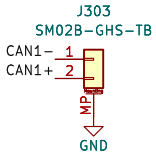
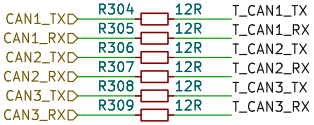
Size: A4	Date: 2023-10-15	**Rev: 1.0**
KiCad E.D.A. kicad 7.0.8		Id: 2/6

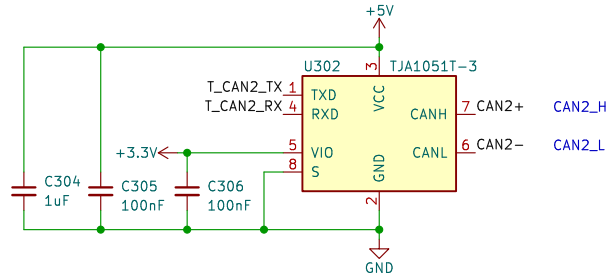


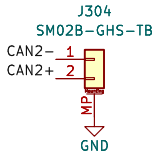


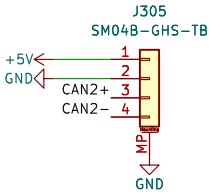


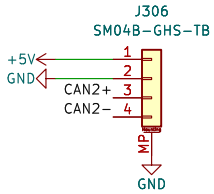


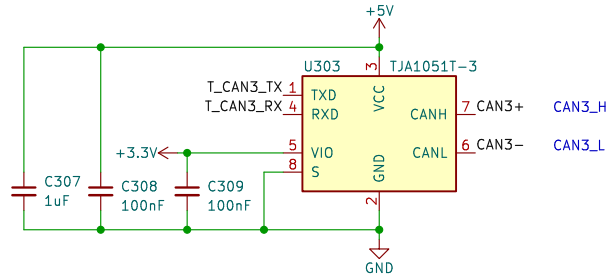


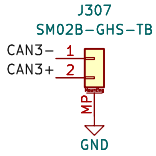


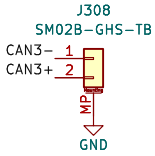


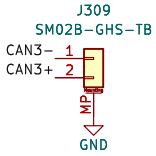




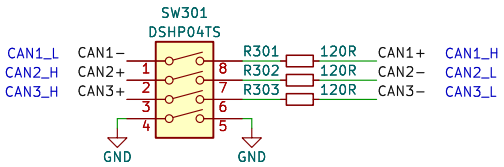








Terminal Resistor Switch



深圳技术大学 悍匠战队

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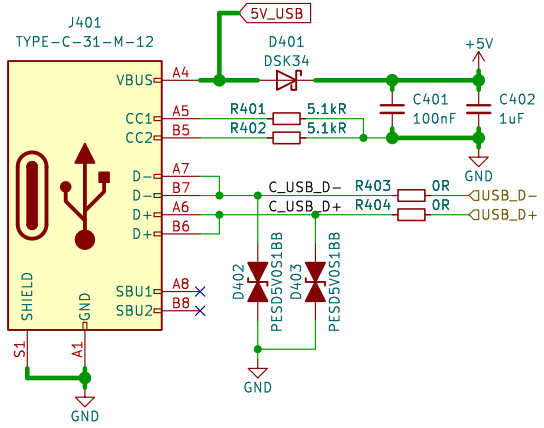
File: can.kicad_sch

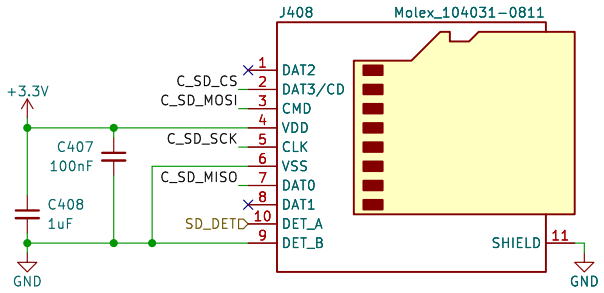
Title: Peanut Core

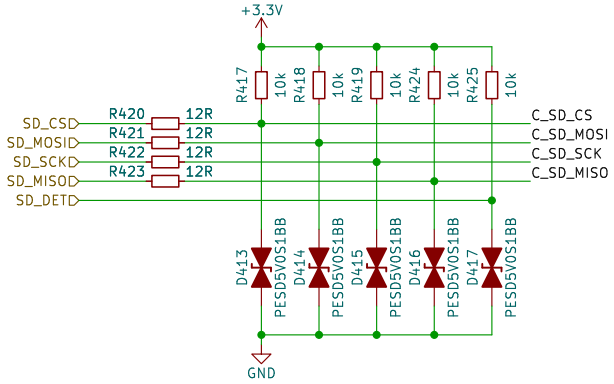
Size: A4	Date: 2023-10-15	**Rev: 1.0**
KiCad E.D.A. kicad 7.0.8		Id: 3/6

USB-C (USB2.0 Connected to STM32)

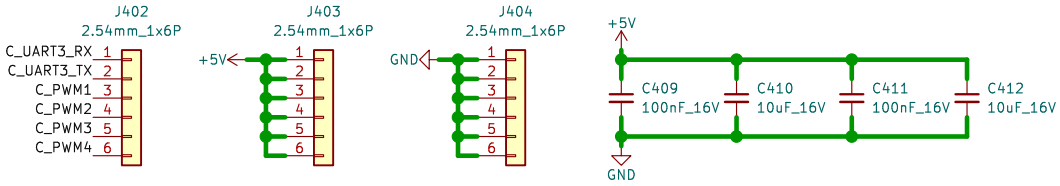


TF-Card (SPI)

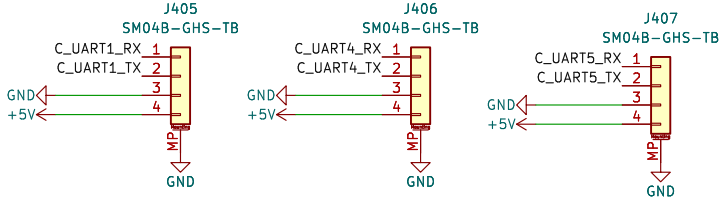


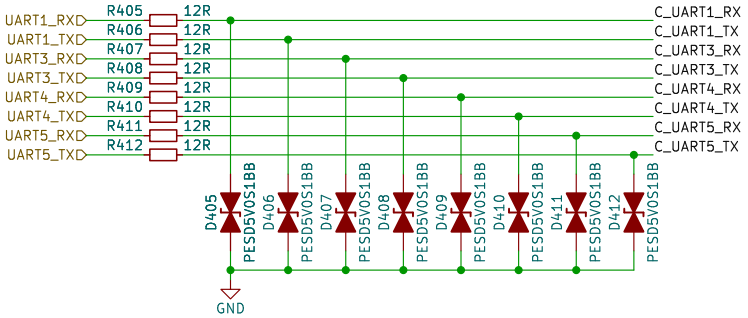


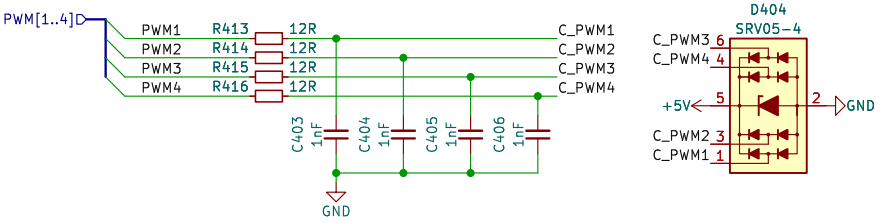
3x6P Extension Connector



Serial Extension Connector







深圳技术大学 悍匠战队

Sheet: /Extension/
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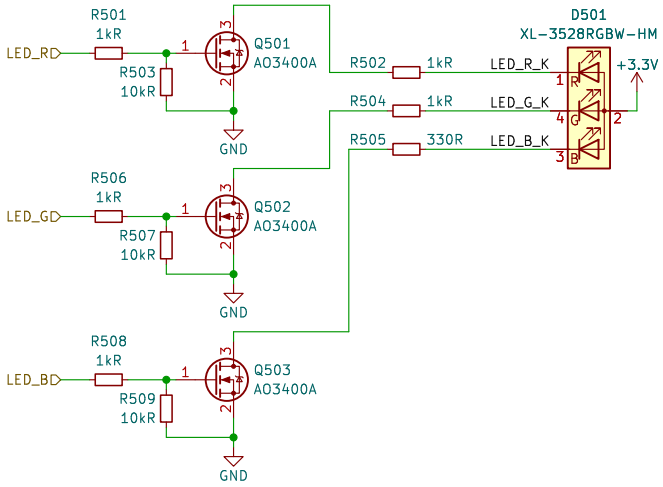
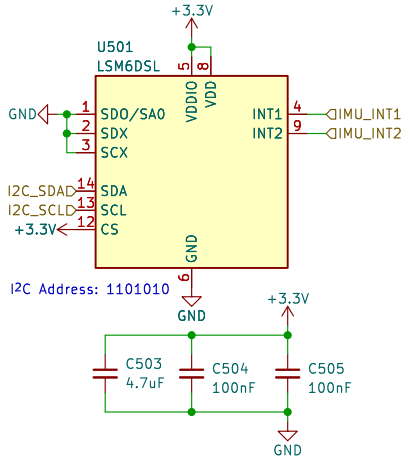
Title: Peanut Core

Size: A4	Date: 2023-10-15	**Rev: 1.0**
KiCad E.D.A. kicad 7.0.8		Id: 4/6

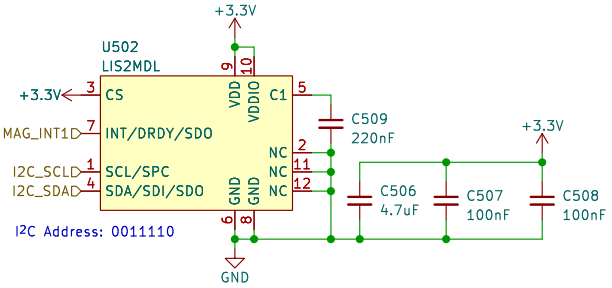
RGB LED (Support PWM)



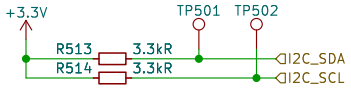
6-axis IMU (I2C)



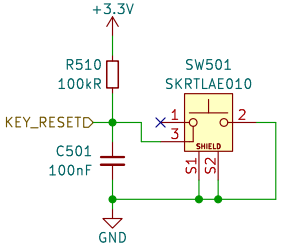
3-axis Magnetometer (I2C)



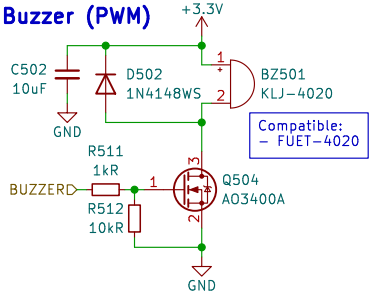
I2C Pull-ups & Testpoint



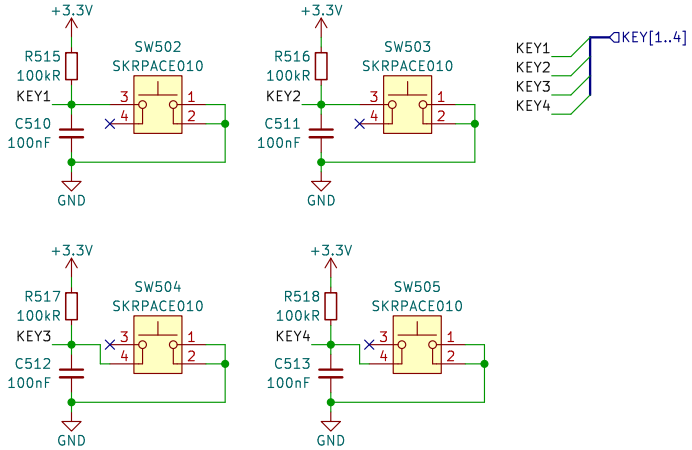
Reset Key



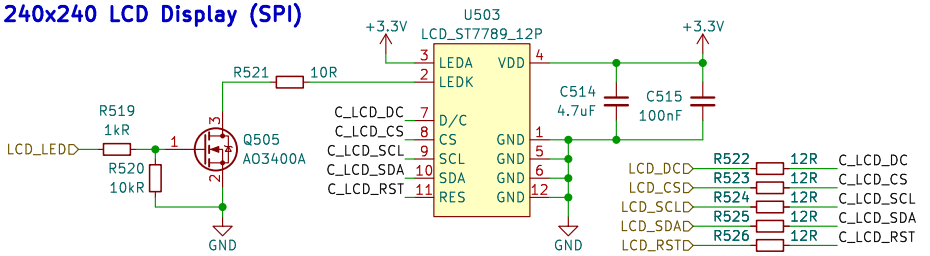
Buzzer (PWM)



User Key



240x240 LCD Display (SPI)



深圳技术大学 悍匠战队

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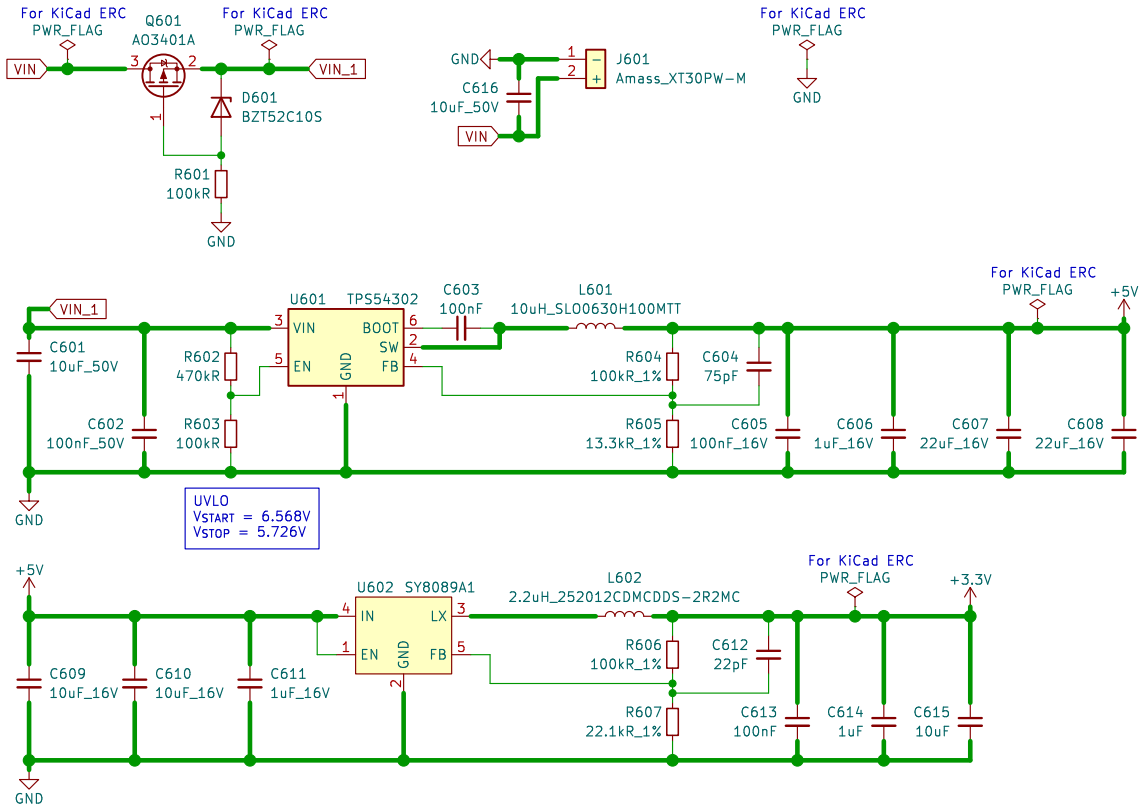
Size: A4	Date: 2023-10-15	**Rev: 1.0**
KiCad E.D.A. kicad 7.0.8		Id: 5/6



深圳技术大学 悍匠战队

Sheet: /Power/
File: power.kicad_sch

Title: Peanut Core

Size: A4	Date: 2023-10-15	**Rev: 1.0**
KiCad E.D.A. kicad 7.0.8		Id: 6/6