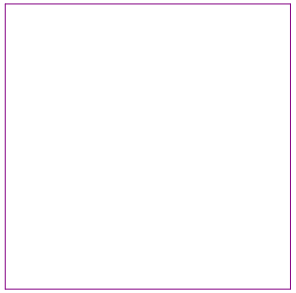
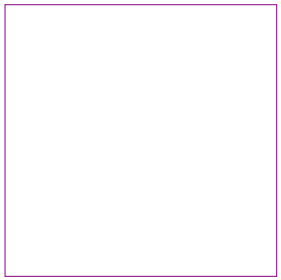
## Clocks Buttons – lights



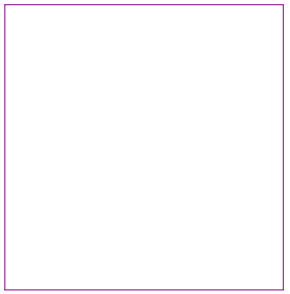
File: Clocks_Buttons.kicad_sch

## Memory



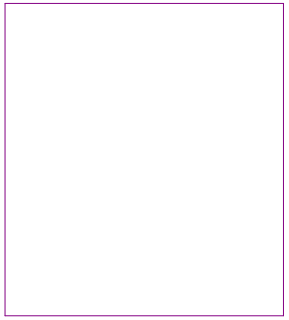
File: Memory.kicad_sch

## Audio Video



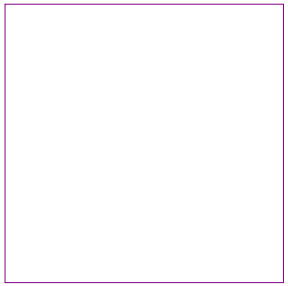
File: Audio_Video.kicad_sch

## STM32



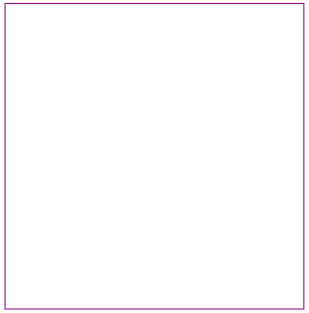
File: STM32.kicad_sch

## Connections



File: Connections.kicad_sch

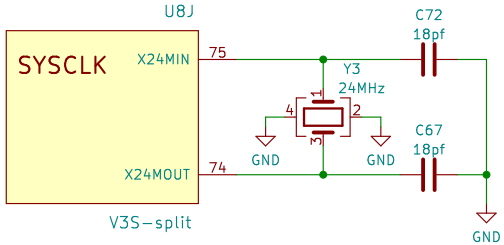
## Power

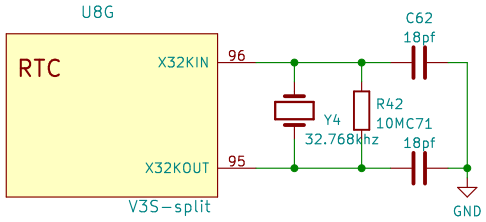


File: Power.kicad_sch

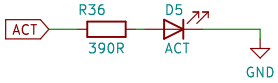
| | | |
|---|---|---|
| Sheet: / | | |
| File: lb_mp1.kicad_sch | | |
| **Title: OzzyBoard Rev B** | | |
| Size: A3 | Date: 2024-01-15 | **Rev: 0.92** |
| KiCad E.D.A. kicad (6.0.8) | | Id: 1/7 |

# V3s Clocks

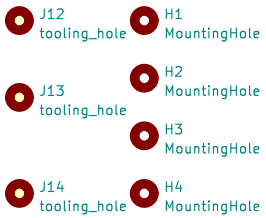


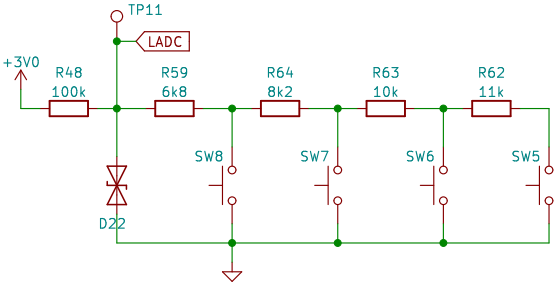

# Activity led



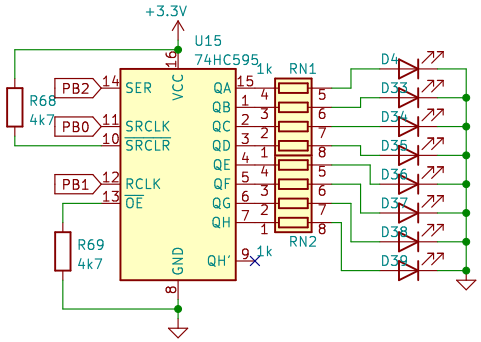

# Mounting holes

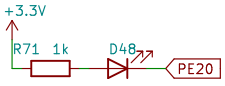


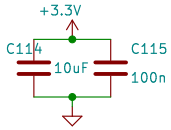

# Buttons



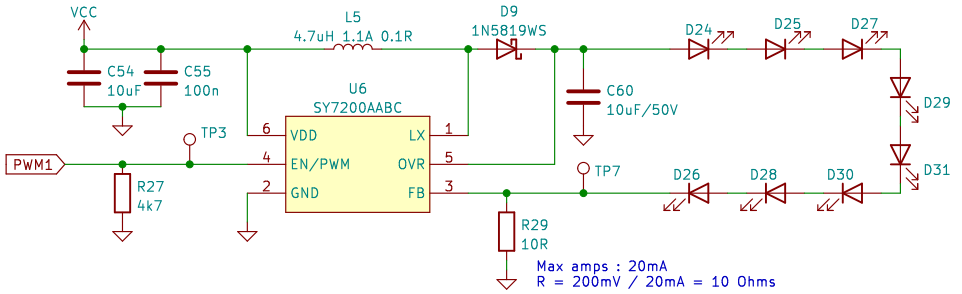

# GPIO




# Backleds

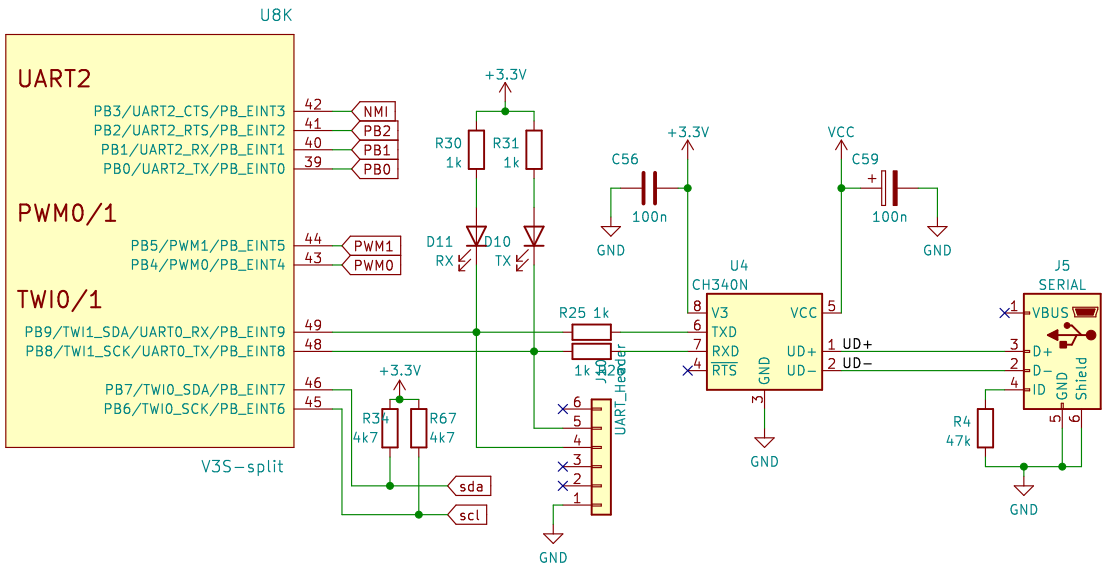



Sheet: /Clocks Buttons – lights/
File: Clocks_Buttons.kicad_sch

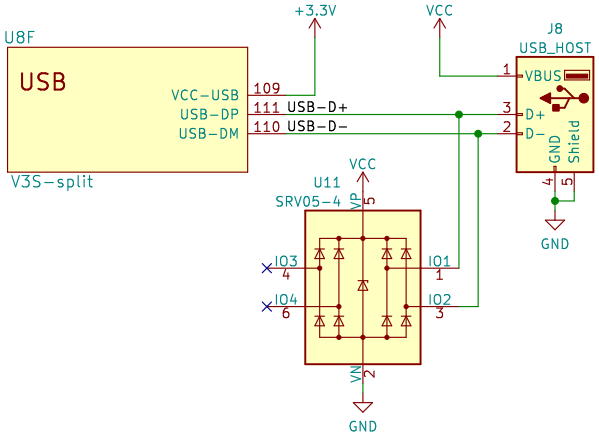
**Title: OzzyBoard Rev B**

| | | |
|---|---|---|
| Size: A4 | Date: 2024-01-15 | **Rev: 0.92** |
| KiCad E.D.A. kicad (6.0.8) | | Id: 2/7 |

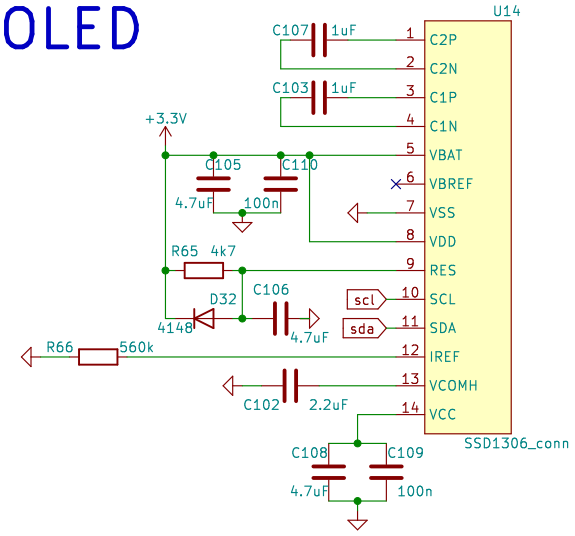
# I2C/PWM/Serial



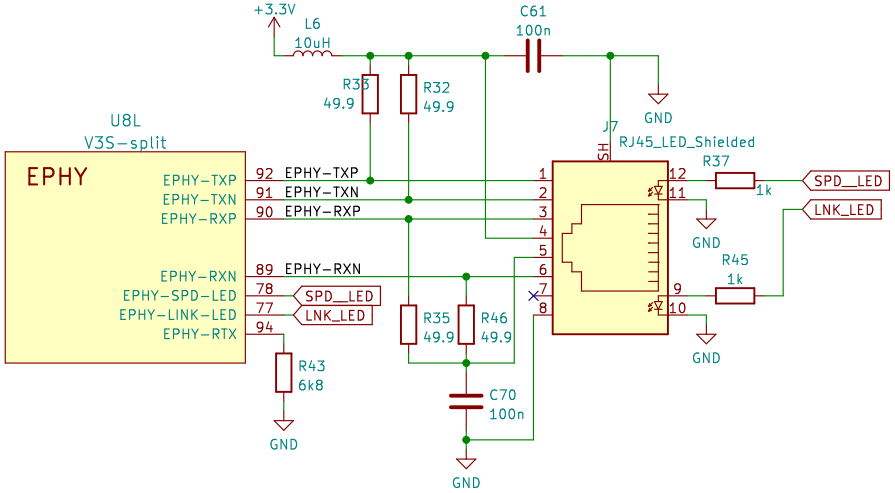

# USB Host




# 0.91" OLED

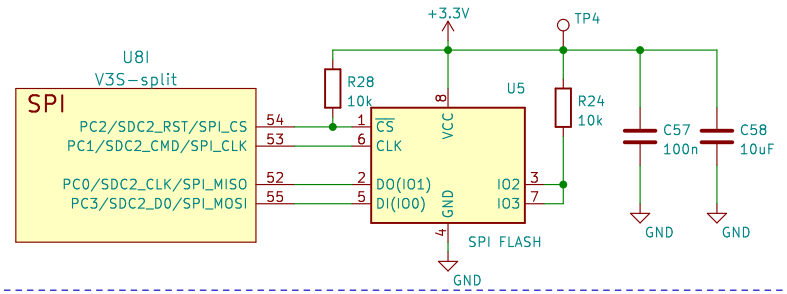



# Eth PHY

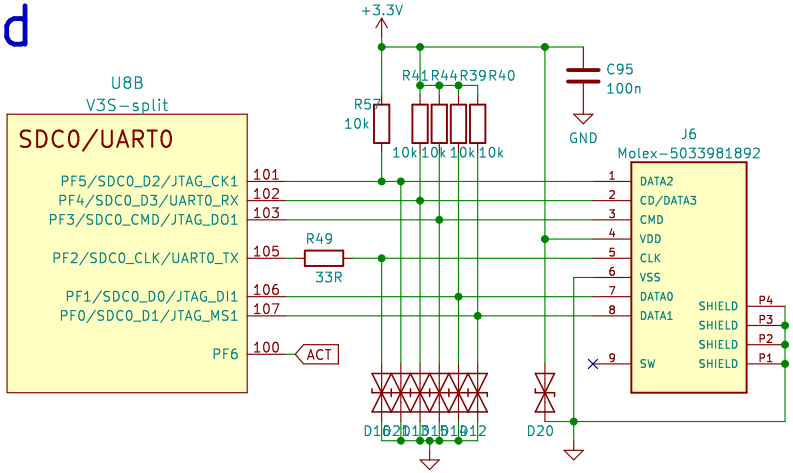



| | | |
|---|---|---|
| Sheet: /Connections/ | | |
| File: Connections.kicad_sch | | |
| **Title: OzzyBoard Rev B** | | |
| Size: A4 | Date: 2024-01-15 | **Rev: 0.92** |
| KiCad E.D.A. kicad (6.0.8) | | Id: 3/7 |

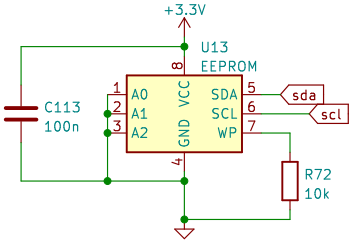
# SPI NOR Flash



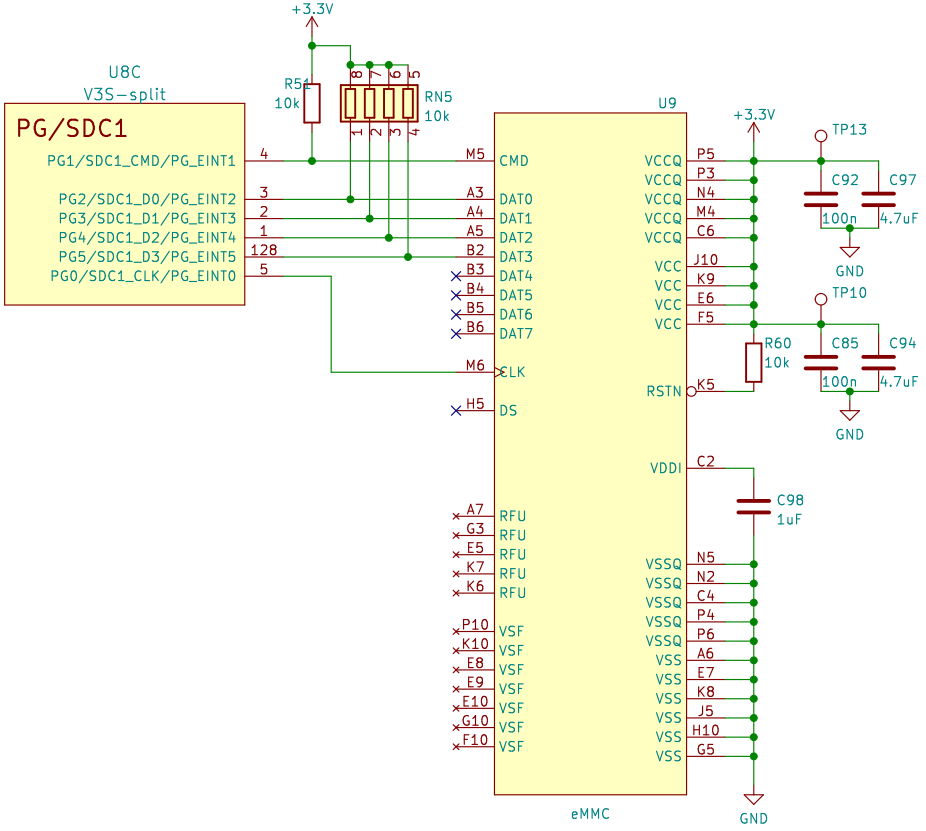

# SD Card




# EEPROM 2kbit

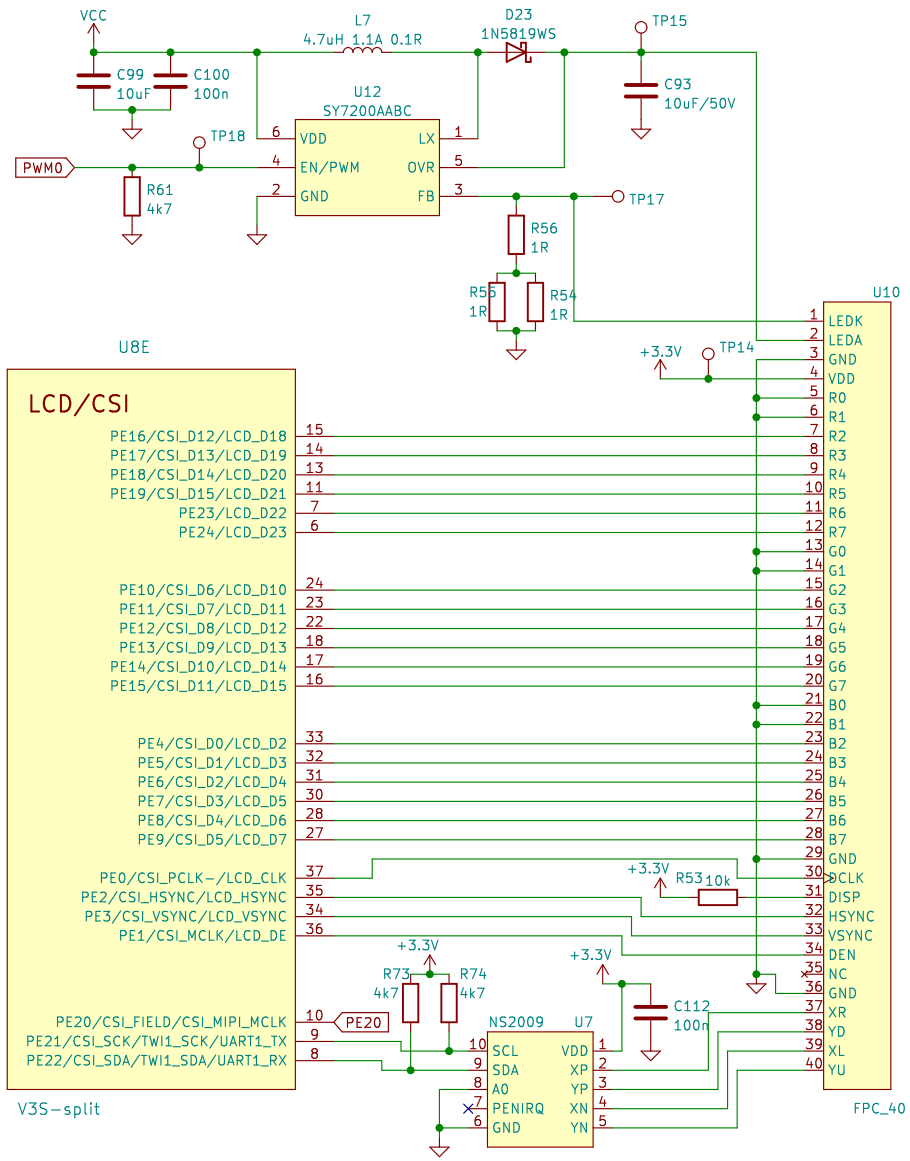



# eMMC

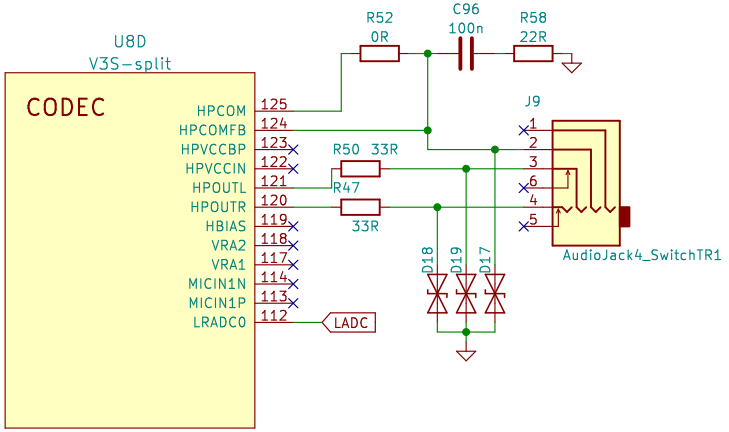



| | | |
|---|---|---|
| Sheet: /Memory/ | | |
| File: Memory.kicad_sch | | |
| **Title: OzzyBoard Rev B** | | |
| Size: A4 | Date: 2024-01-15 | **Rev: 0.92** |
| KiCad E.D.A. kicad (6.0.8) | | Id: 4/7 |

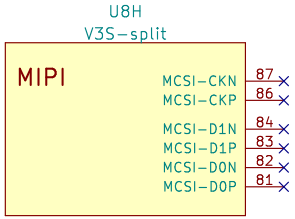
# LCD 40 pins




# Audio jack



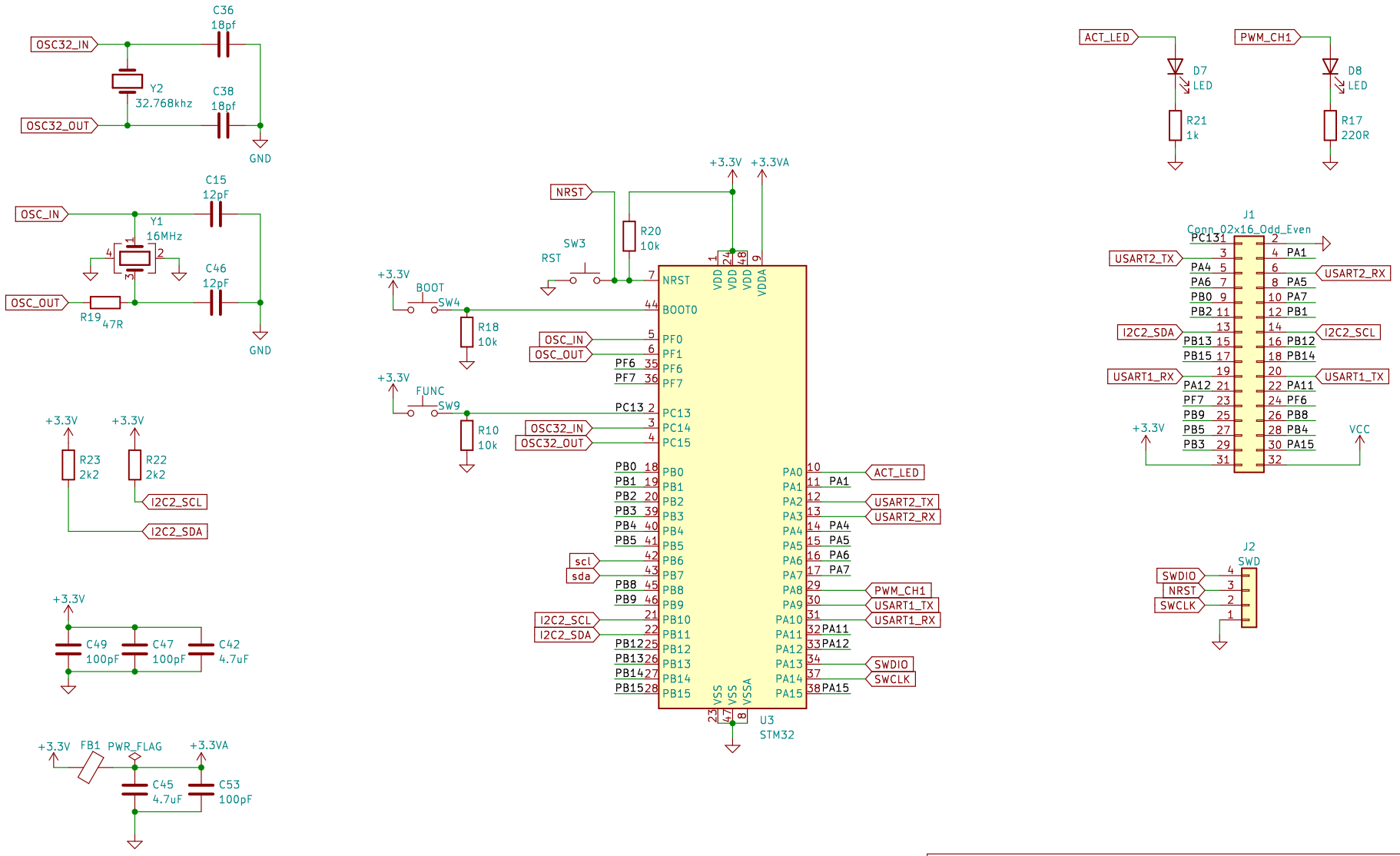

# Camera




Sheet: /Audio Video/
File: Audio_Video.kicad_sch

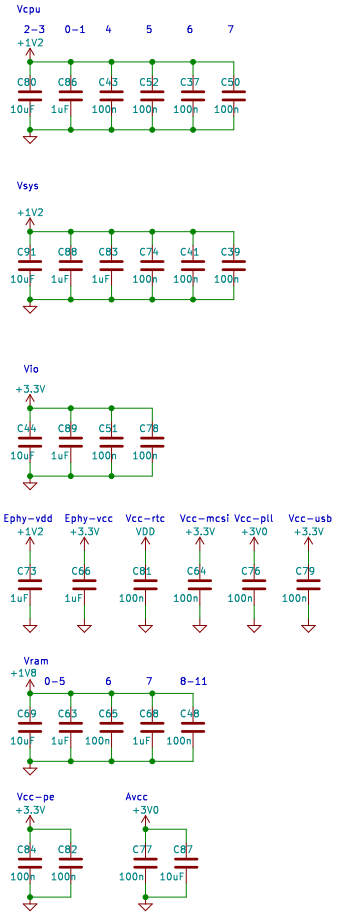
**Title: OzzyBoard Rev B**

| Size: A4 | Date: 2024-01-15 | **Rev: 0.92** |
|---|---|---|
| KiCad E.D.A. kicad (6.0.8) | | Id: 5/7 |

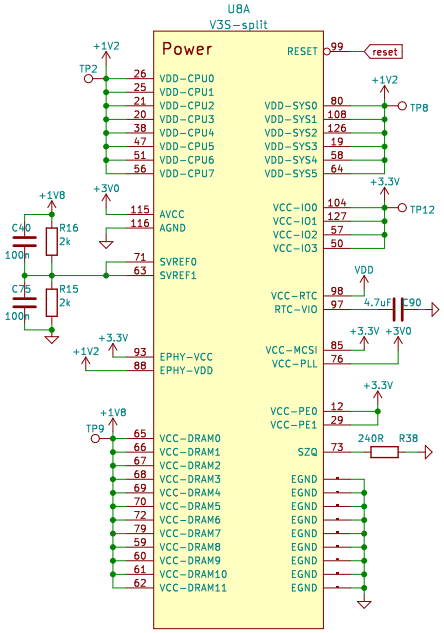



| | | |
|---|---|---|
| Sheet: /STM32/ | | |
| File: STM32.kicad_sch | | |
| **Title: OzzyBoard Rev B** | | |
| Size: A4 | Date: 2024-01-15 | **Rev: 0.92** |
| KiCad E.D.A. kicad (6.0.8) | | Id: 6/7 |

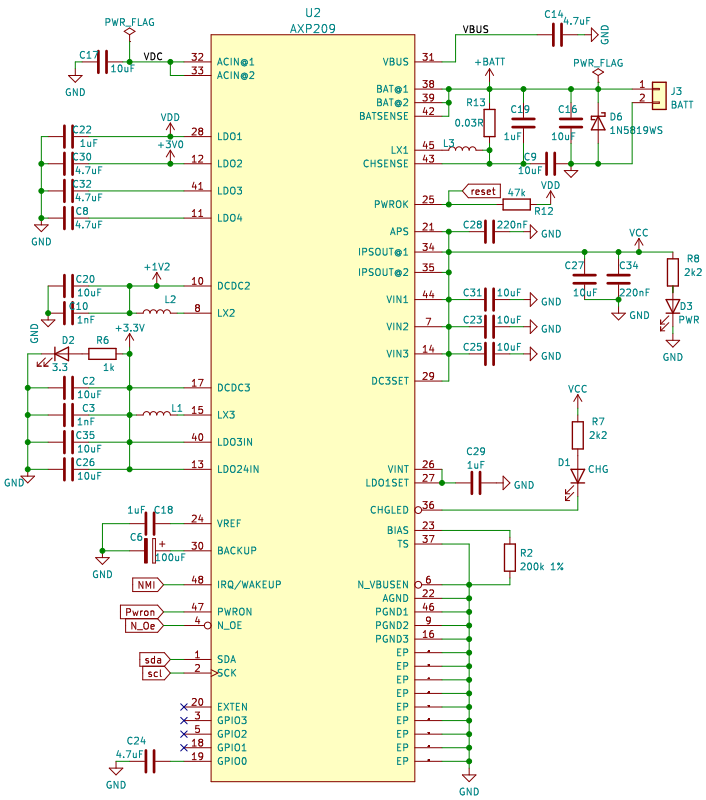
# Decoupling



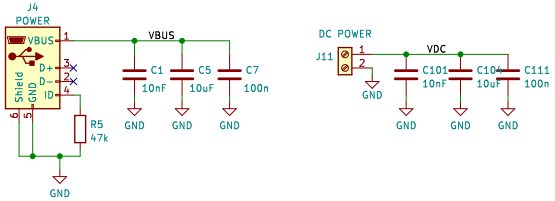

# CPU



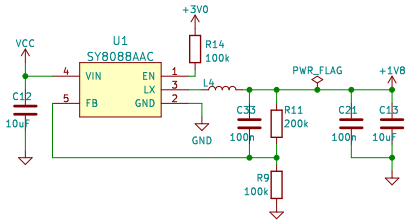

# PMIC



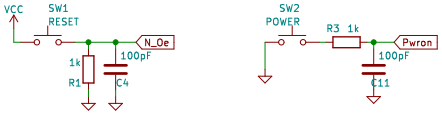

# DC IN




# DRAM




# Reset & Power buttons




| | | |
|---|---|---|
| Sheet: /Power/ | | |
| File: Power.kicad_sch | | |
| **Title: OzzyBoard Rev B** | | |
| Size: A3 | Date: 2024–01–15 | **Rev: 0.92** |
| KiCad E.D.A. kicad (6.0.8) | | Id: 7/7 |