Sheet: /
File: V101.kicad_sch

**Title:**

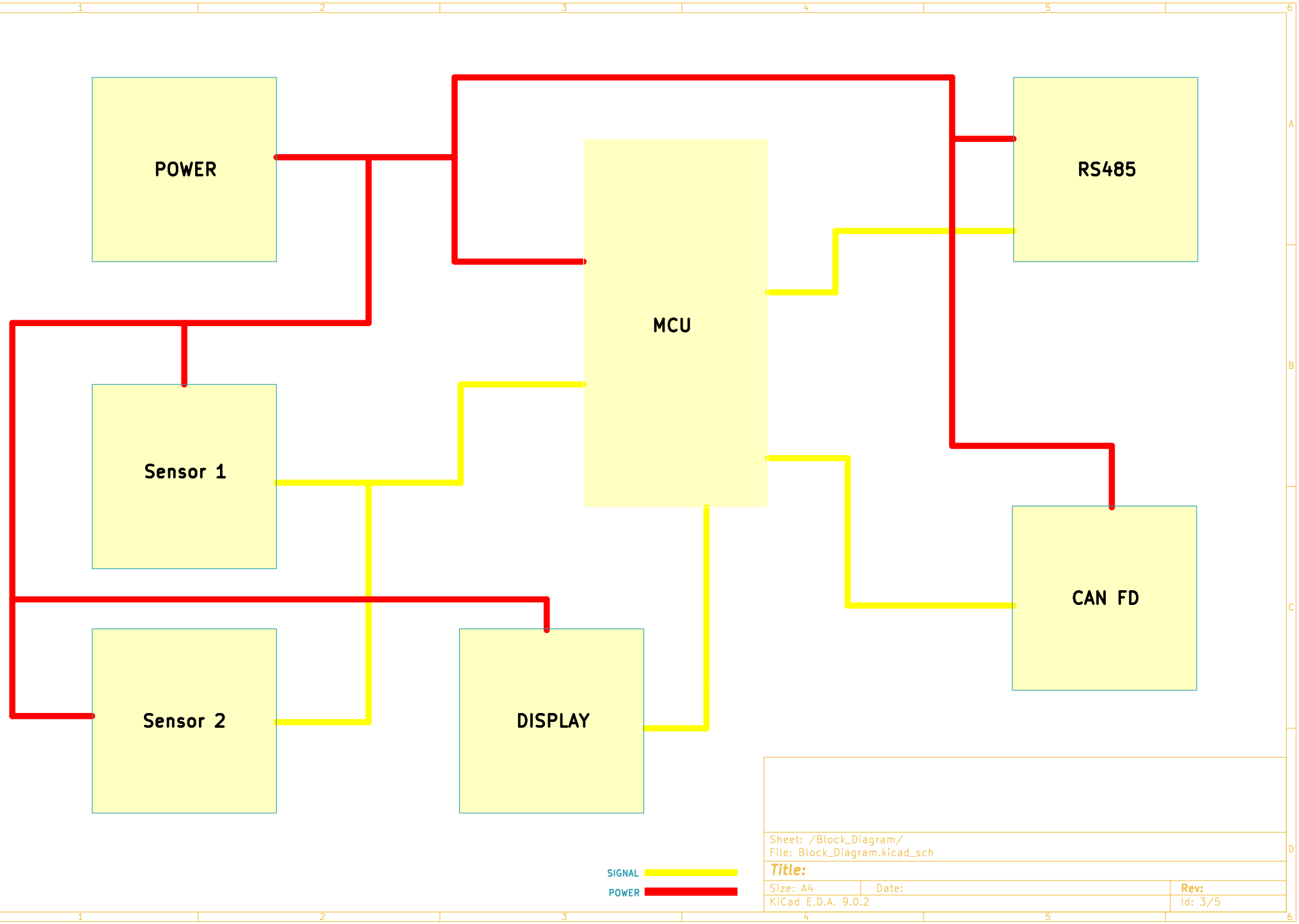
| Size: A4 | Date: | **Rev:** |
| --- | --- | --- |
| KiCad E.D.A. 9.0.2 | | Id: 1/5 |

# Index


| No. | Items |
|---|---|
| 1. | Block Diagram |
| 2. | **Project Architecture** |
| 3. | **MCU** |
| 4. | **Power** |
| 5. | **Sensor** |
| 6. | **Interface-RS485** |
| 7. | **Interface-CAN** |
| 8. | **Debug** |
| 9. | **Debug** |



Sheet: /Index/
File: Index.kicad_sch
**Title:**
Size: A4 | Date: | **Rev:**
KiCad E.D.A. 9.0.2 | Id: 2/5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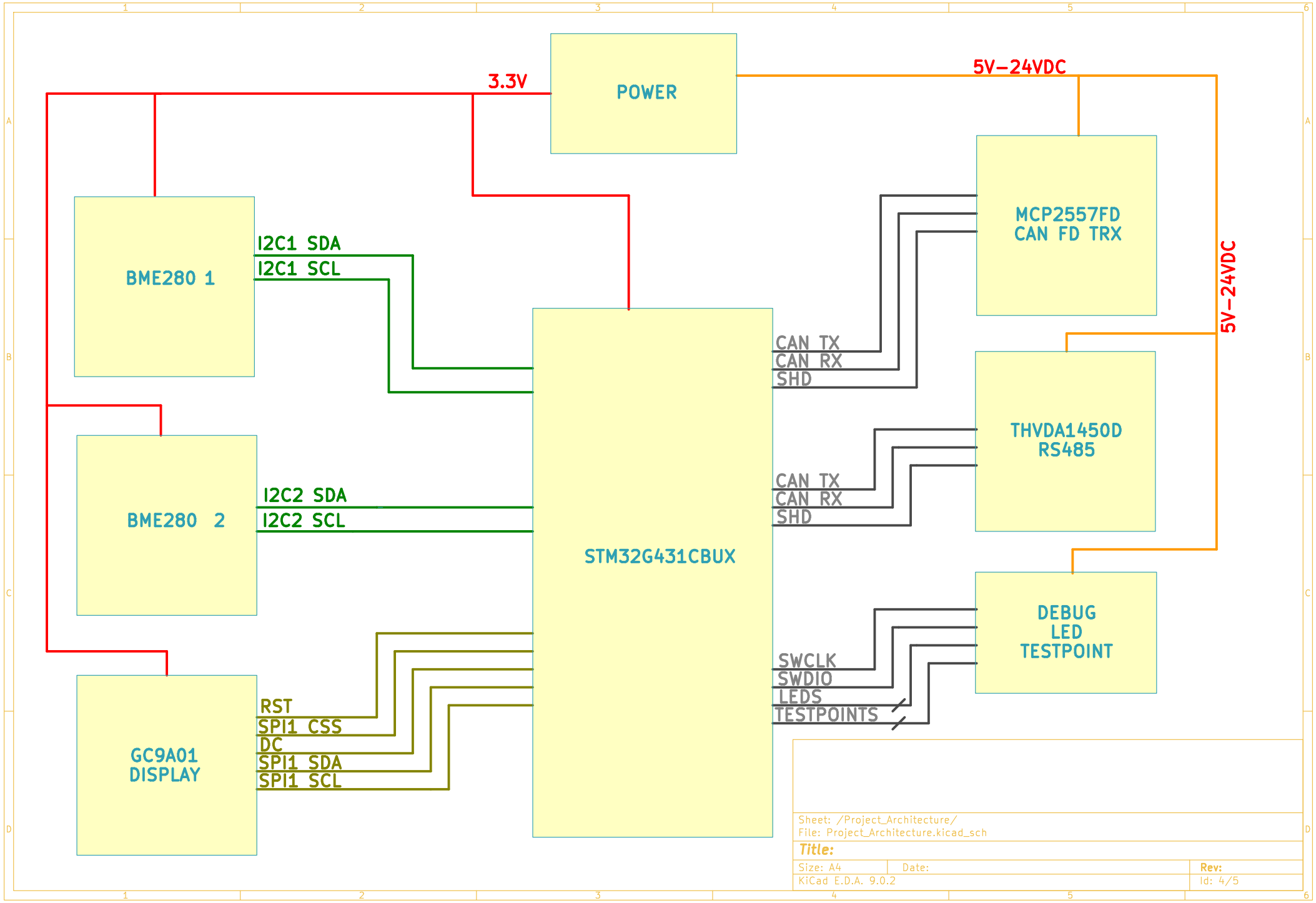
MCU
RS485
Sensor 1
CAN FD
Sensor 2
DISPLAY
SIGNAL
POWER
Sheet: /Block_Diagram/
File: Block_Diagram.kicad_sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. 9.0.2
Id: 3/5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5V–24VDC
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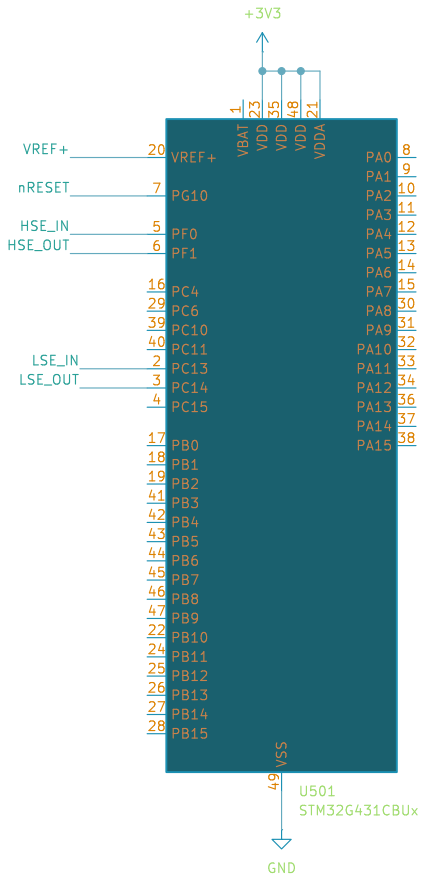
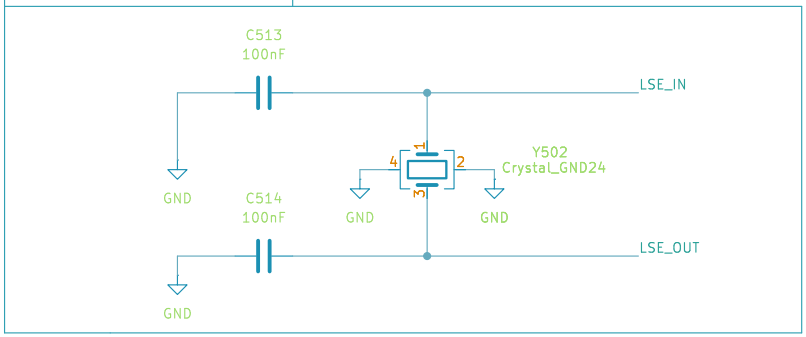
I2C1 SDA
I2C1 SCL
BME280 2
I2C2 SDA
I2C2 SCL
GC9A01
DISPLAY
RST
SPI1 CSS
DC
SPI1 SDA
SPI1 SCL
STM32G431CBUX
MCP2557FD
CAN FD TRX
CAN TX
CAN RX
SHD
THVDA1450D
RS485
CAN TX
CAN RX
SHD
DEBUG
LED
TESTPOINT
SWCLK
SWDIO
LEDS
TESTPOINTS
5V–24VDC
Sheet: /Project_Architecture/
File: Project_Architecture.kicad_sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. 9.0.2
Id: 4/5

## EXTERNAL LOW SPEED OSCILLATOR




## EXTERNAL LOW SPEED OSCILLATOR

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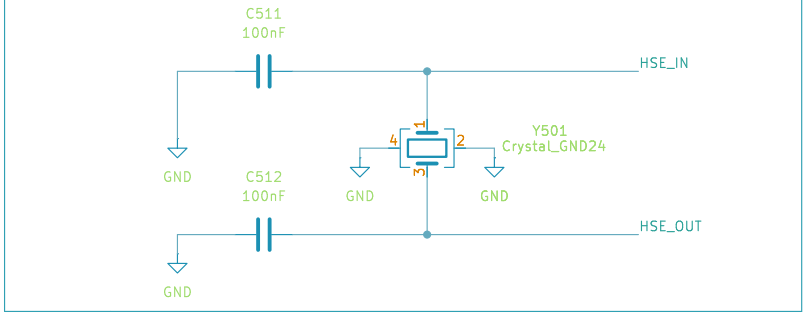
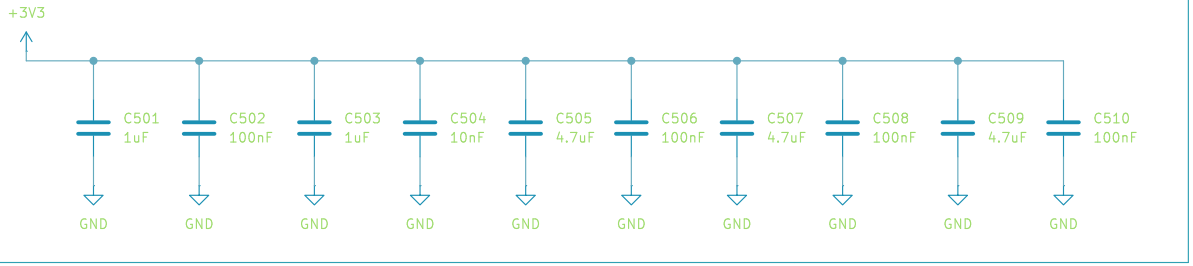



## DECOUPLING CAPACITORS




Sheet: /MCU/
File: MCU.kicad_sch

**Title:**

Size: A4 | Date: | **Rev:**

KiCad E.D.A. 9.0.2 | Id: 5/5