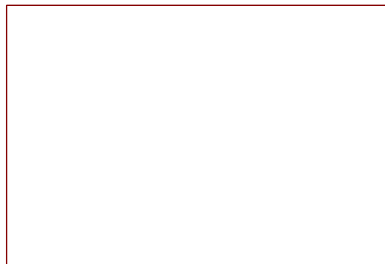


Root [1]

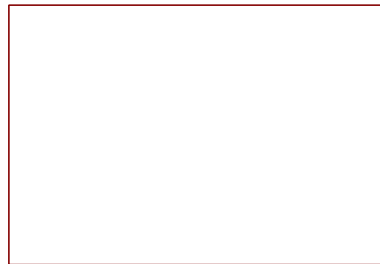
Technical Sheet Only!
Please refer to the subsequent sheets for schematic

Power



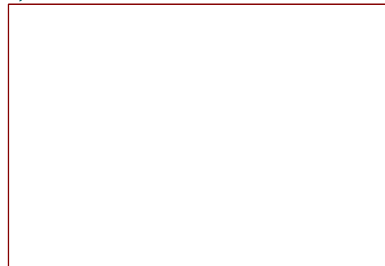
File: power.kicad_sch

Sensor



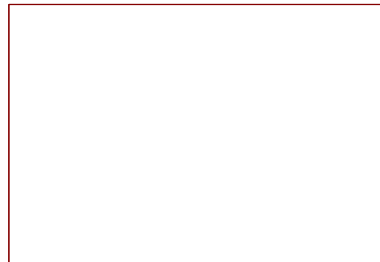
File: Sensor.kicad_sch

System



File: System.kicad_sch

eFuse



File: efuse.kicad_sch

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Sheet: /

File: VoxSense.kicad_sch

Title: VoxSense Sensor Board – Root

Size: A4

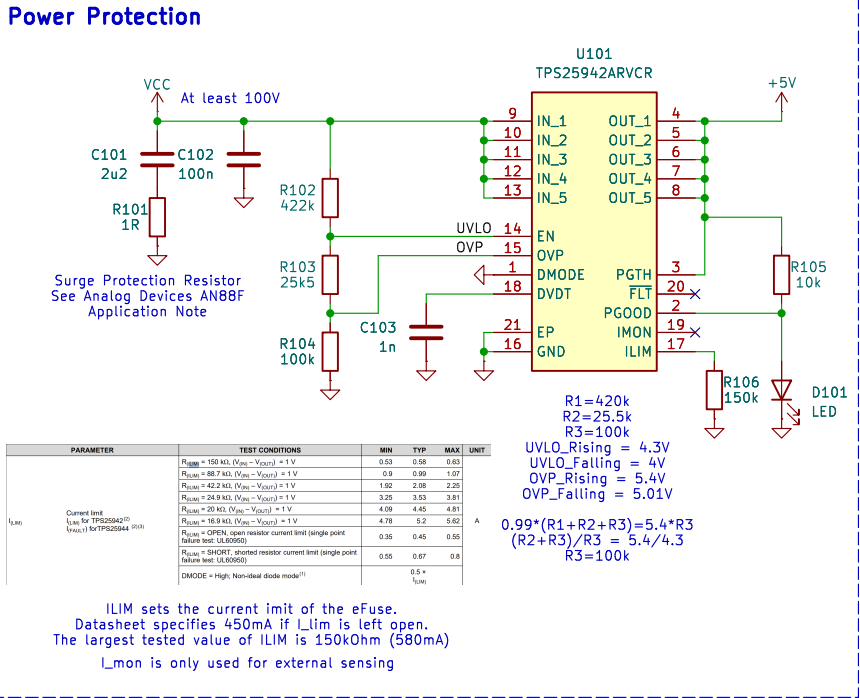
Date: 2025–11–17

Rev: 1.0

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Id: 0/5

eFuse [1]



Id: 1/5

A B C D

B	
C	



D



1

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3



3

3

3

3



3

3

1

B

3

D

5

3

3

3

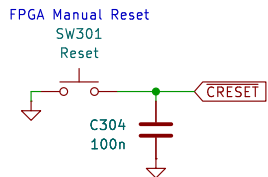
3

3

1

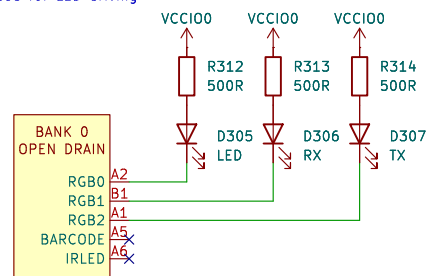
System [3]

FPGA Manual Reset

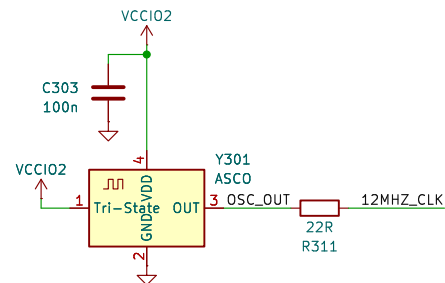


Open-Drain Outputs

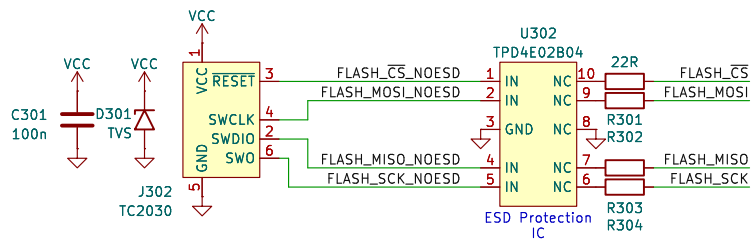
Used for LED driving



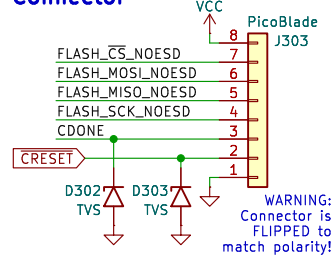
External Oscillator



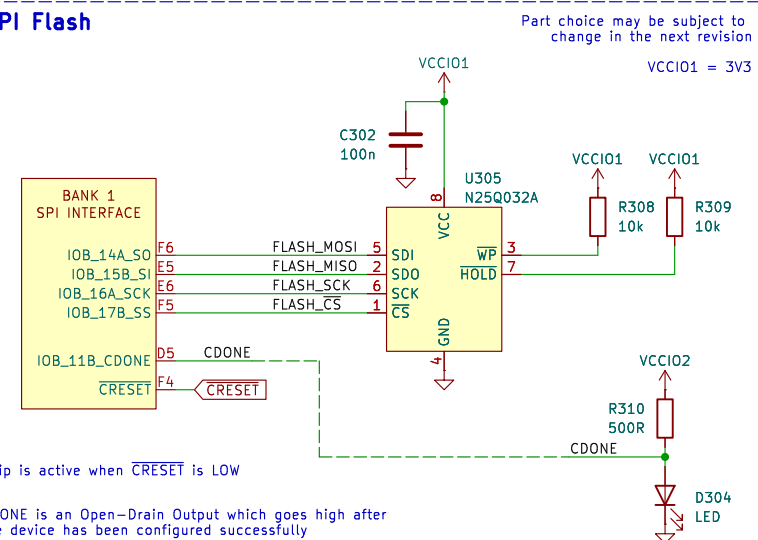
Tag Connect Programming Interface



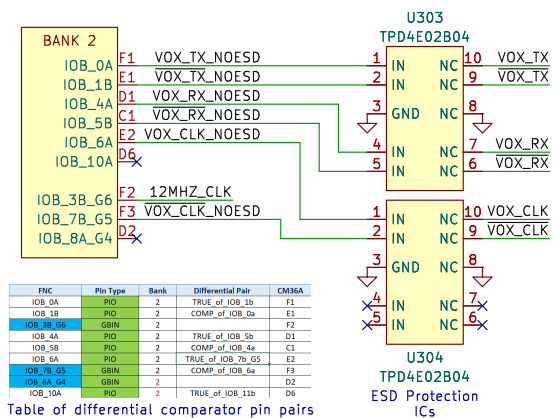
PicoBlade Programming Connector



SPI Flash



VoxLink Ethernet Connection



No Placement (NOP) – Used in case a differential driver would not work → NEGATIVE can be tied to GND

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Sheet: /System/
File: System.kicad_sch

Title: System

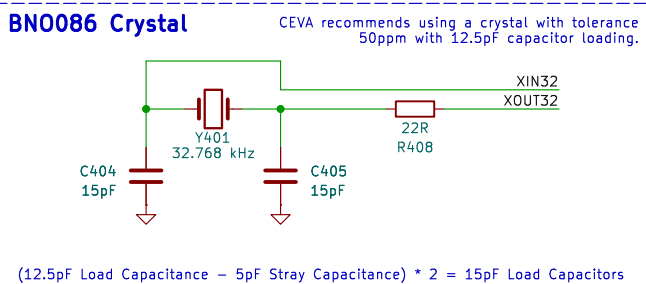
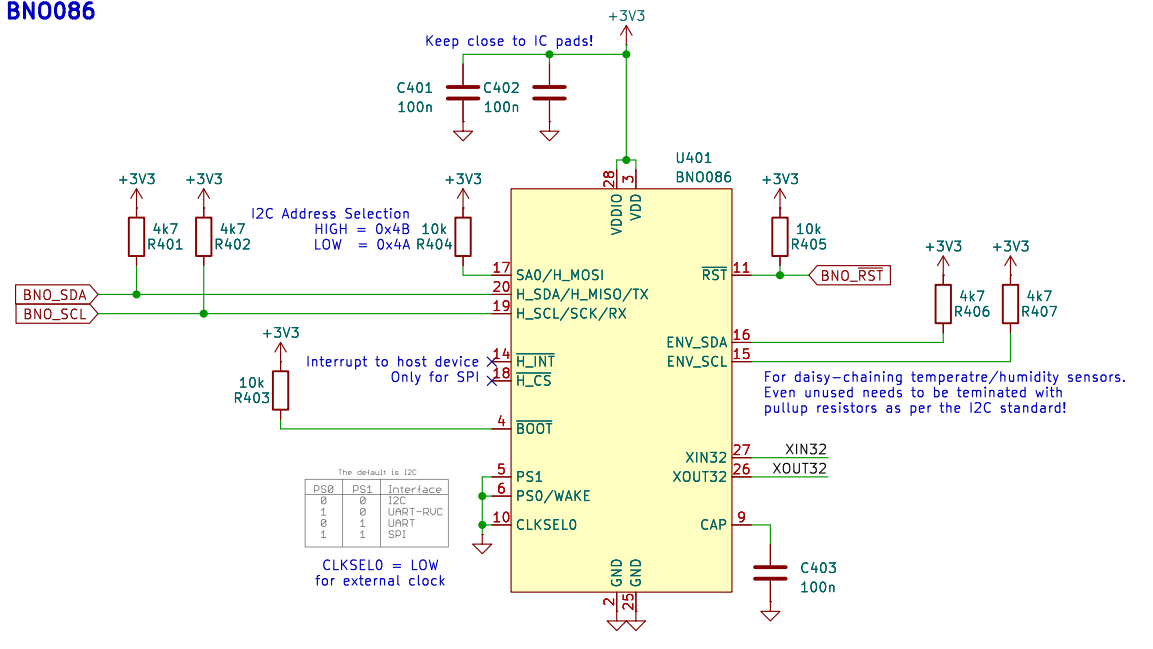
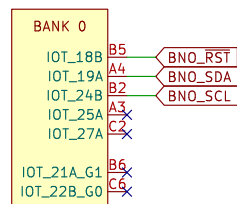
Size: A4	Date: 2025-11-17
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Rev: 1.0

Id: 3/5

Sensor [4]



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Sheet: /Sensor/
File: Sensor.kicad_sch

Title: Sensor

Size: A4	Date: 2025-11-18
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Rev: 1.0

Id: 4/5