

Wren Mini

GNSS RTK & magnetometer module

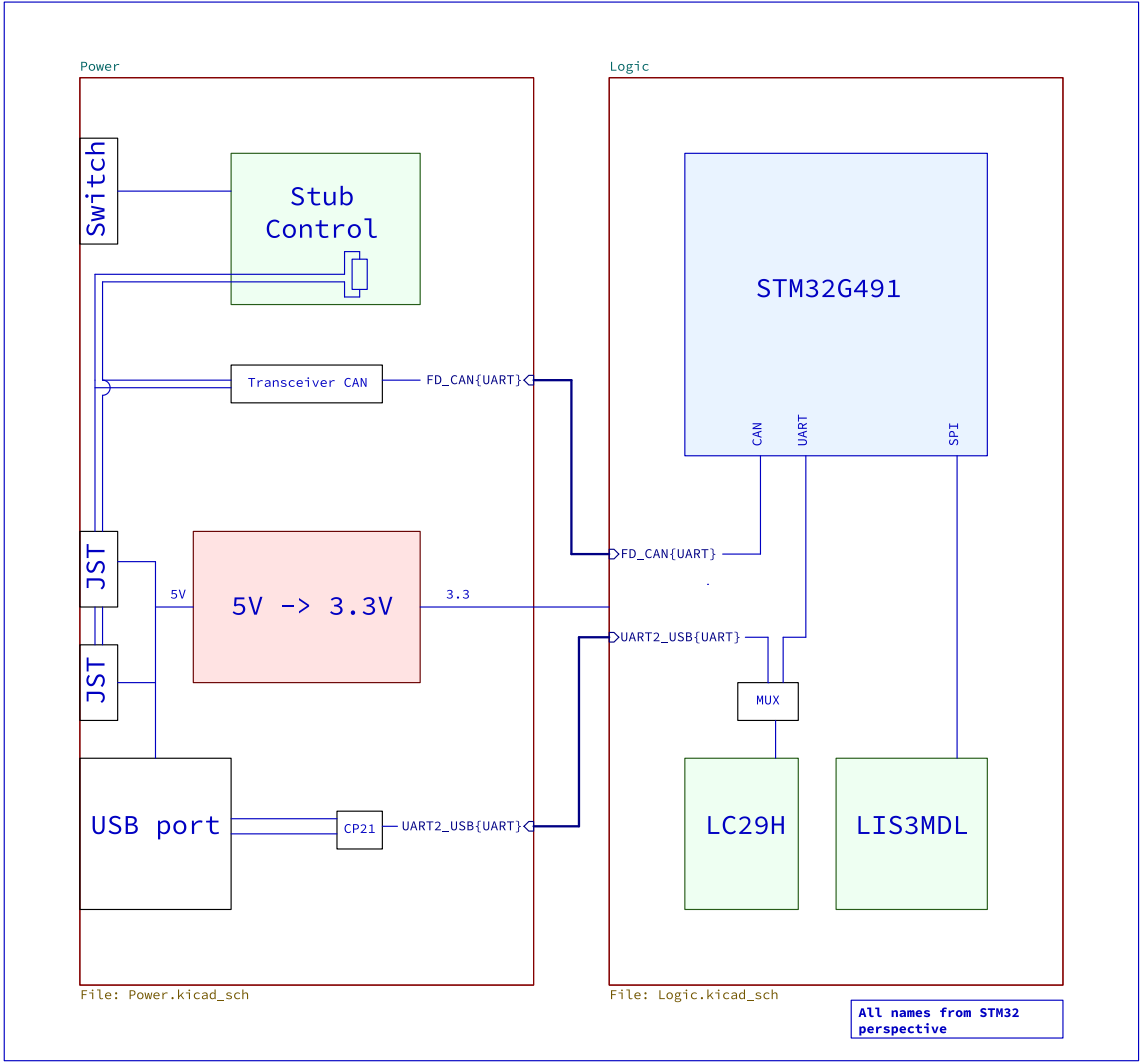
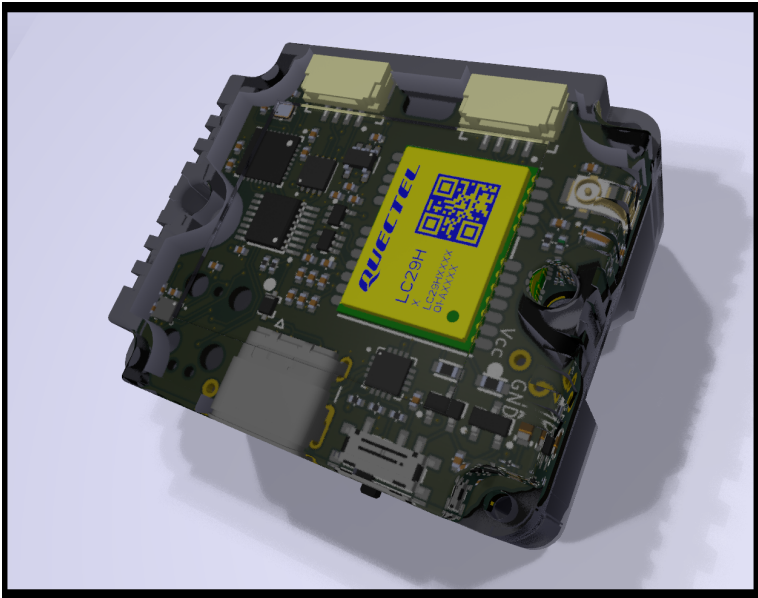


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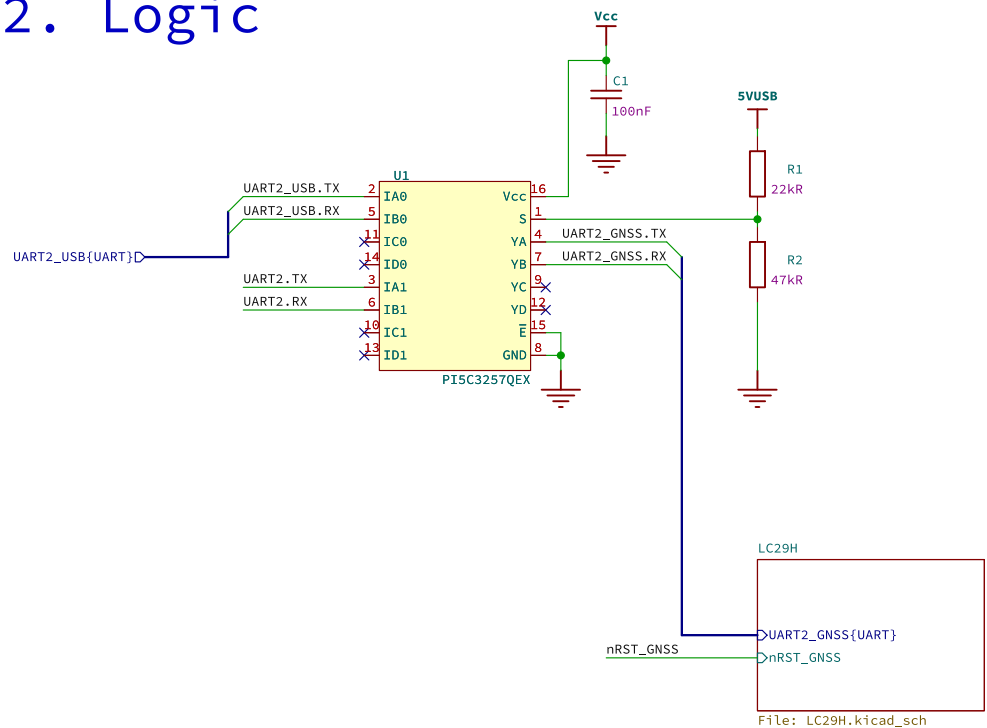
A1	M001
Enclosure	
A2	YCGA014AA
L1/L5 Antenna	



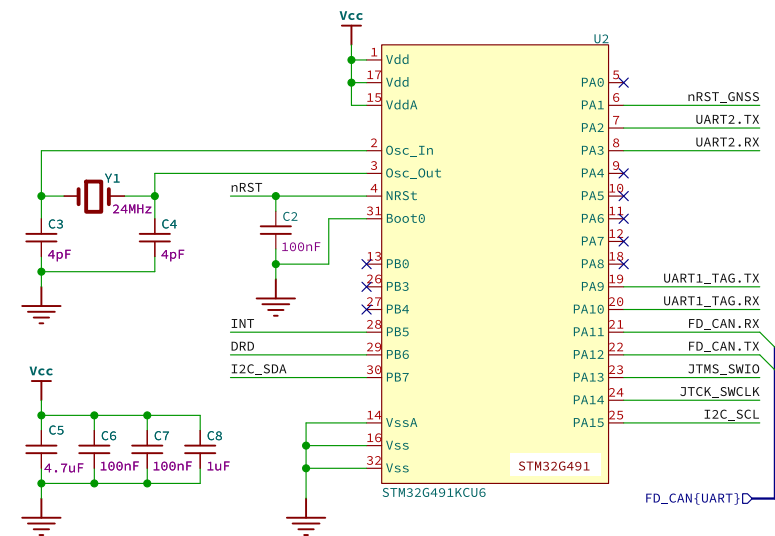
Author : Pierre Perrin
Systork
Sheet: /
File: WrenMini.kicad_sch
Title: Wren Mini

Size: A4	Date: 2024-10-30	Rev: B1
KiCad E.D.A. 8.0.6		Id: 1/4

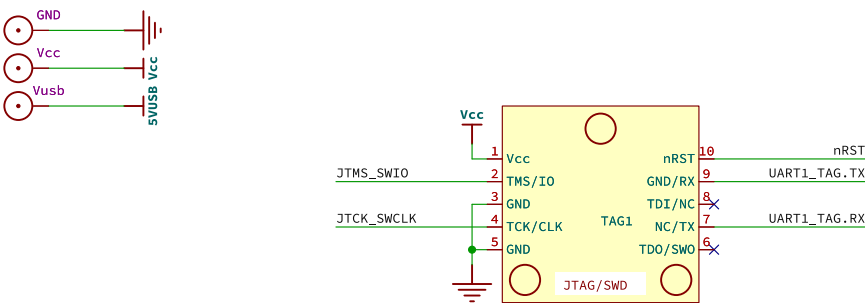
2. Logic



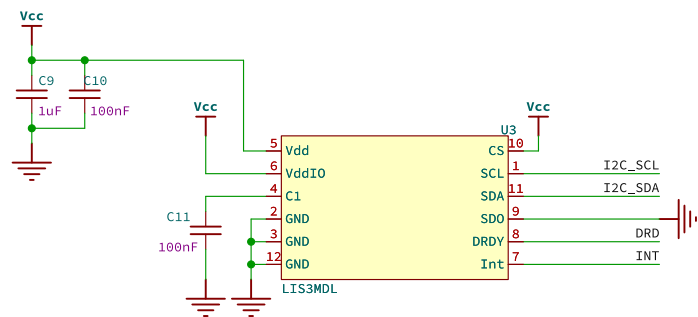
uController



JTAG & Test point



Magnetometer



Author : Pierre Perrin

Systork

Sheet: /Logic/

File: Logic.kicad_sch

Title: Wren Mini

Size: A4 Date: 2024-10-30

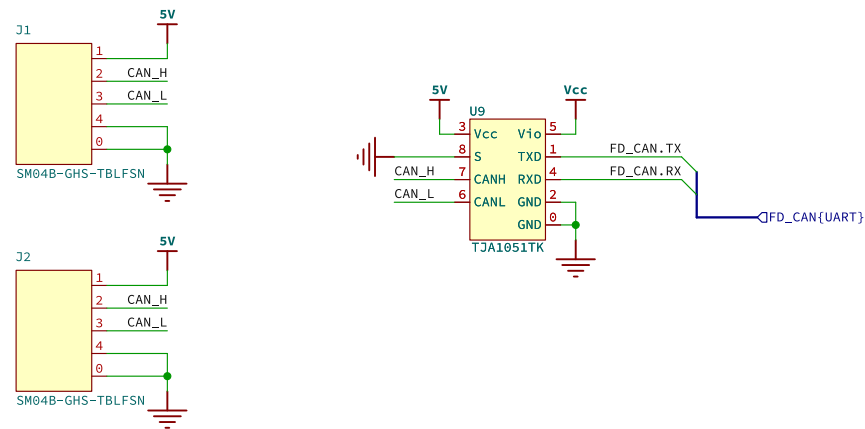
KiCad E.D.A. 8.0.6

Rev: B1

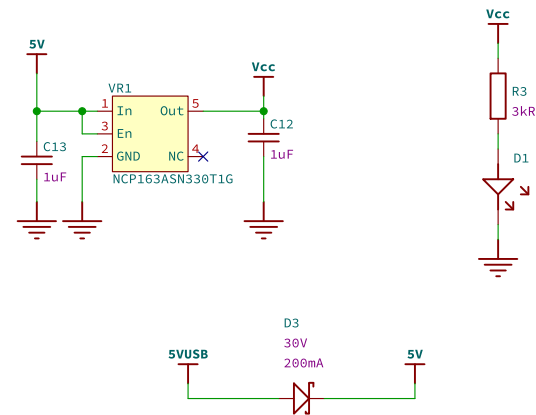
Id: 2/4

3. Power

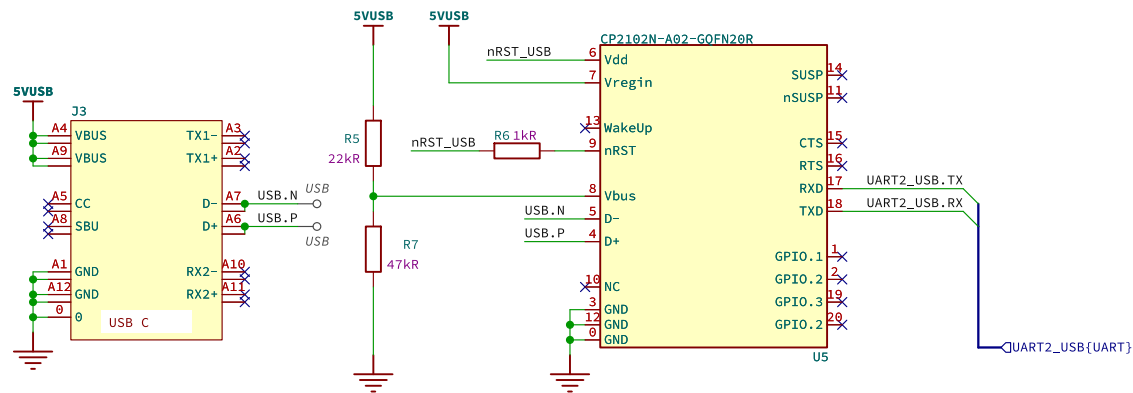
CAN Bus



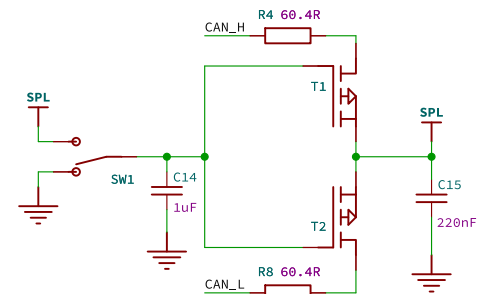
Voltage Regulator



USB port



CAN stub controller



Author : Pierre Perrin

Systork

Sheet: /Power/

File: Power.kicad_sch

Title: Wren Mini

Size: A4

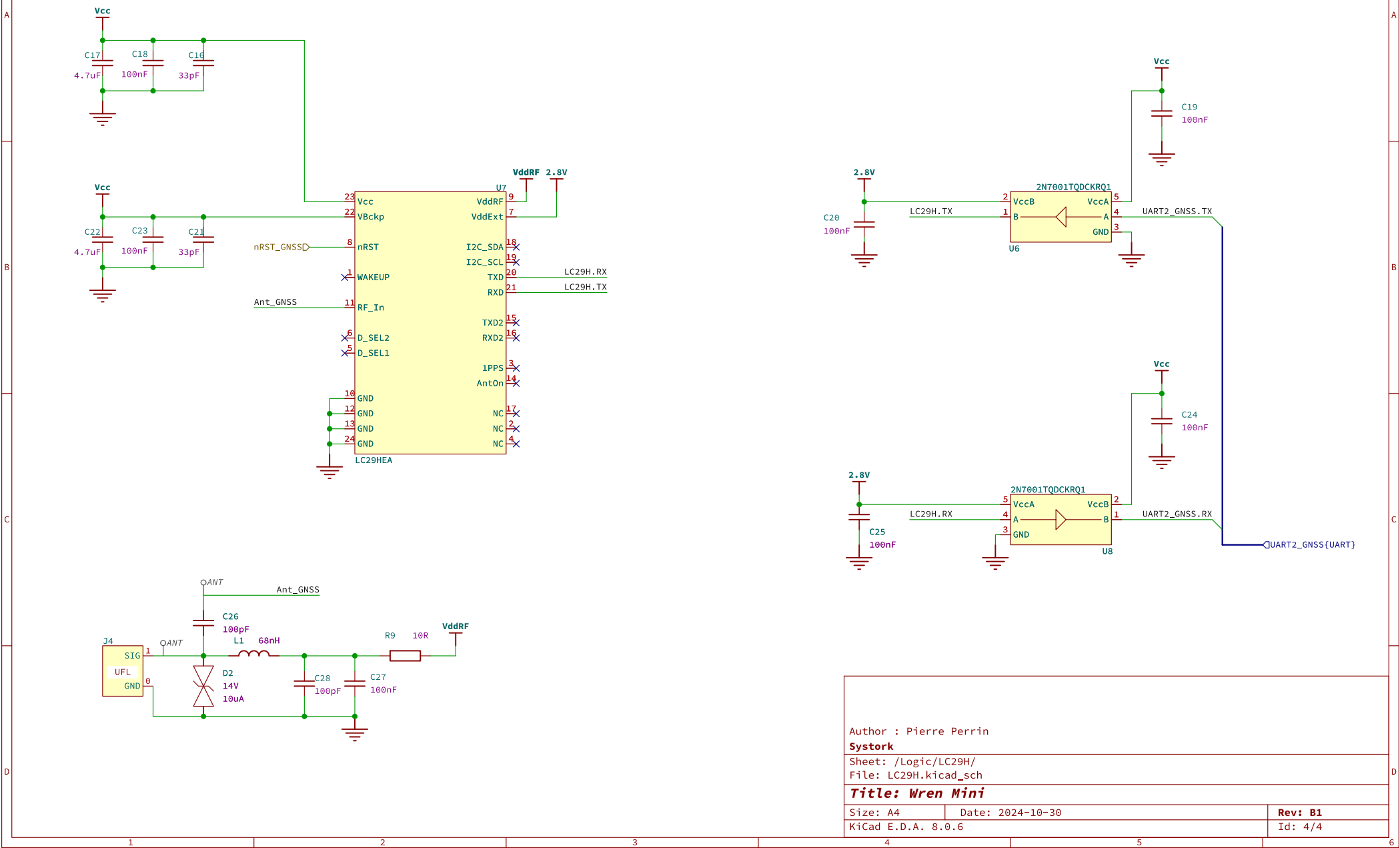
Date: 2024-10-30

KiCad E.D.A. 8.0.6

Rev: B1

Id: 3/4

4. LC29H



Author : Pierre Perrin

Systork

Sheet: /Logic/LC29H/

File: LC29H.kicad_sch

Title: Wren Mini

Size: A4 Date: 2024-10-30

KiCad E.D.A. 8.0.6

Rev: B1

Id: 4/4