

AID_HWB_EVB_VIC6A_B2_SCHEMATICS

Schematics

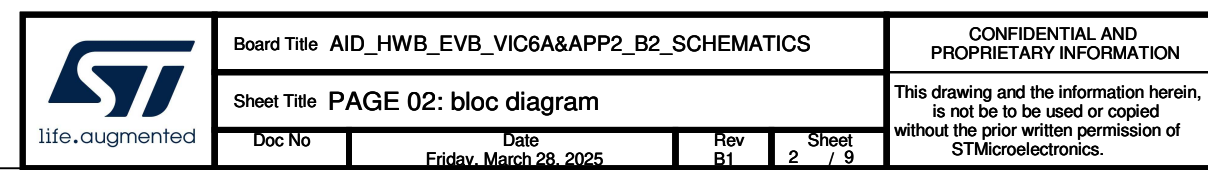
Based on STA8610XA

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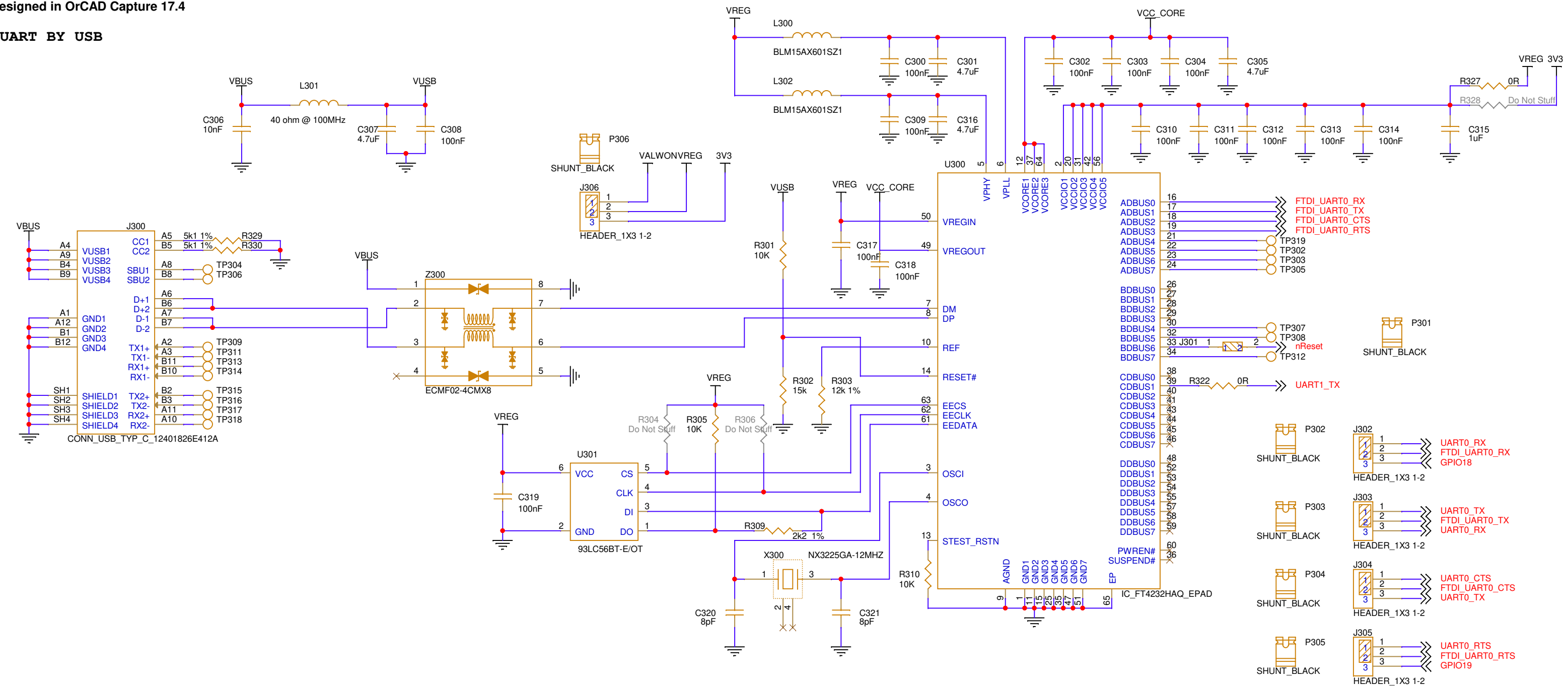
SHEET NAME

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PAGE 08	:	Data log/MEMS	REF DES:	0800	–	0899
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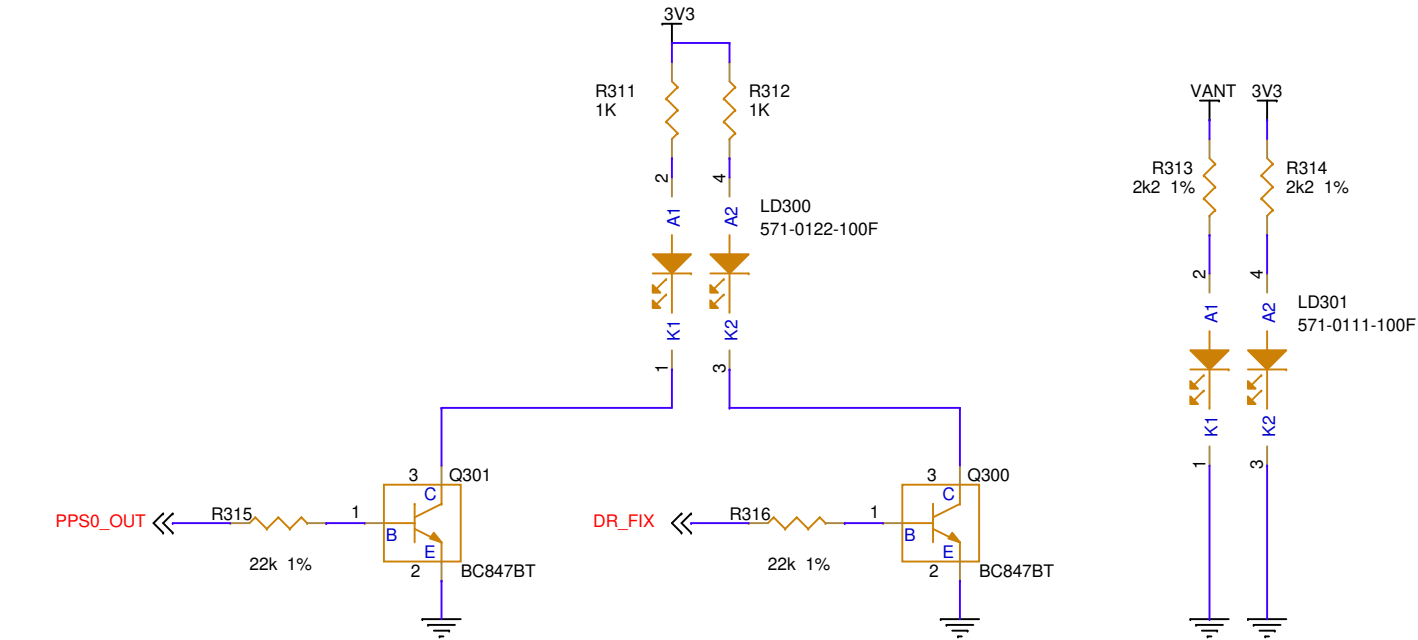
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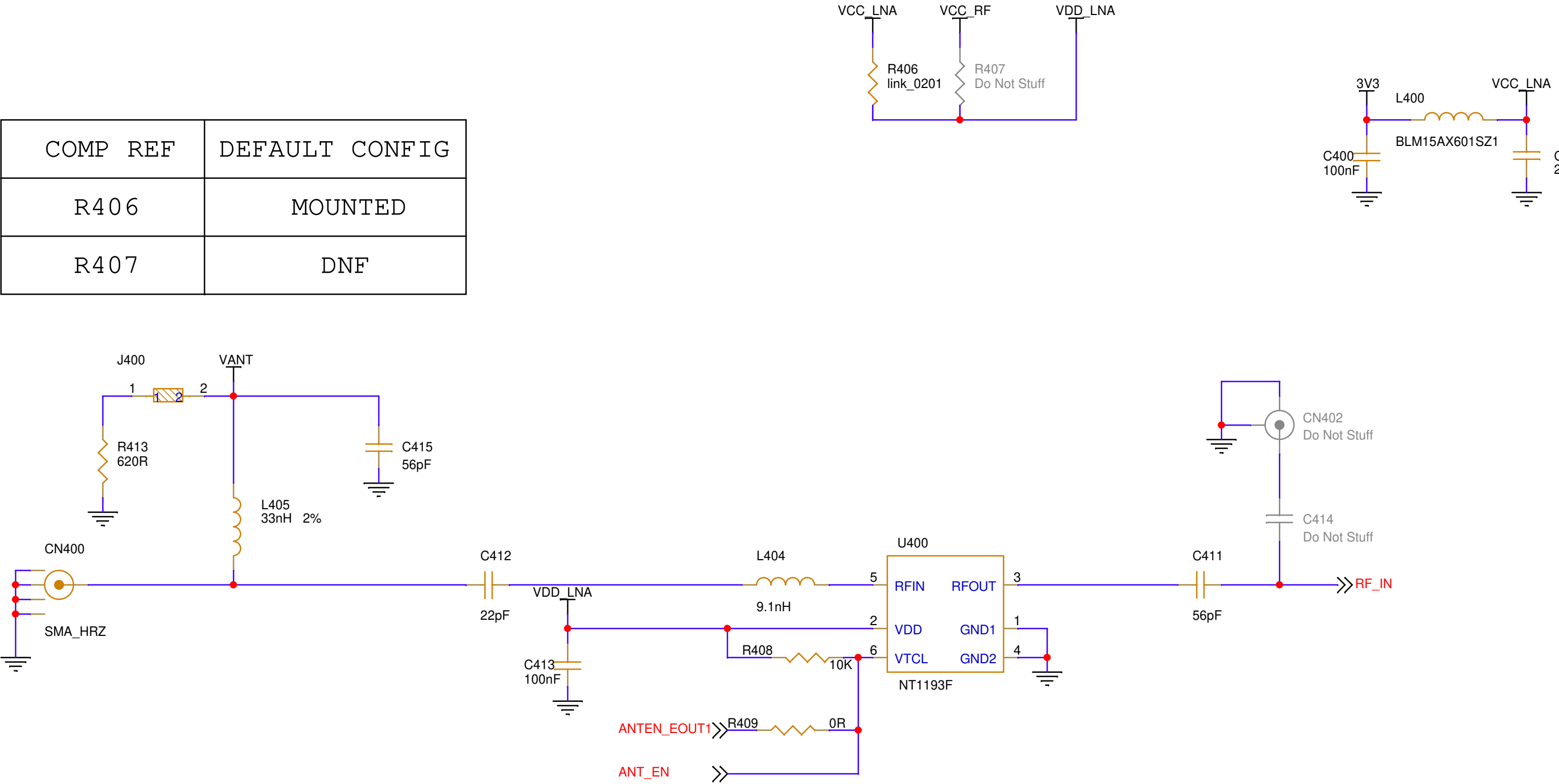
UART BY USB



LEDs



COMP REF	DEFAULT CONFIG
R406	MOUNTED
R407	DNF



Board Title AID_HWB_EVB_VIC6A&APP2_B2_SCHEMATICS

Sheet Title PAGE 04: Front end

Doc No

Date
Friday, March 28, 2025

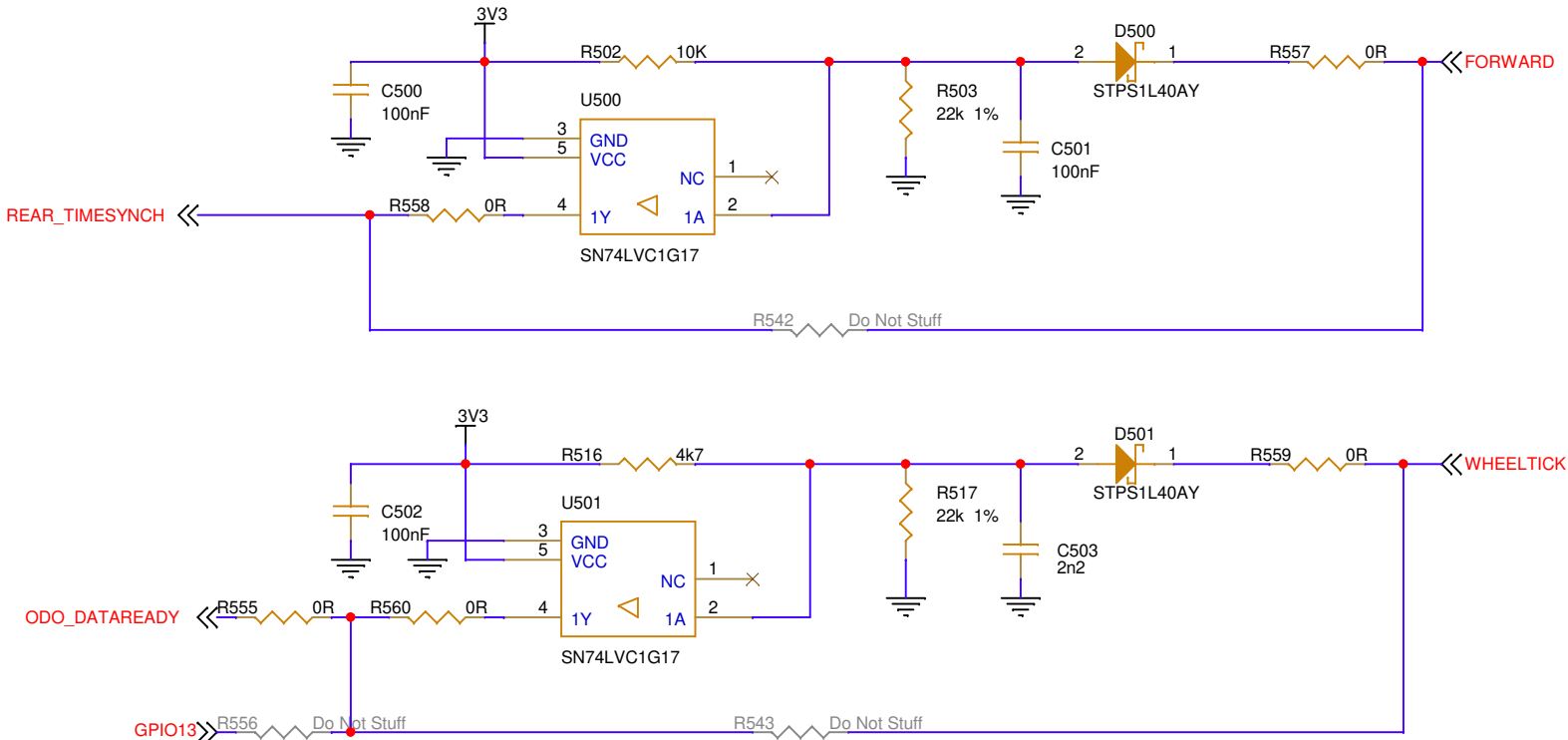
Rev
B1

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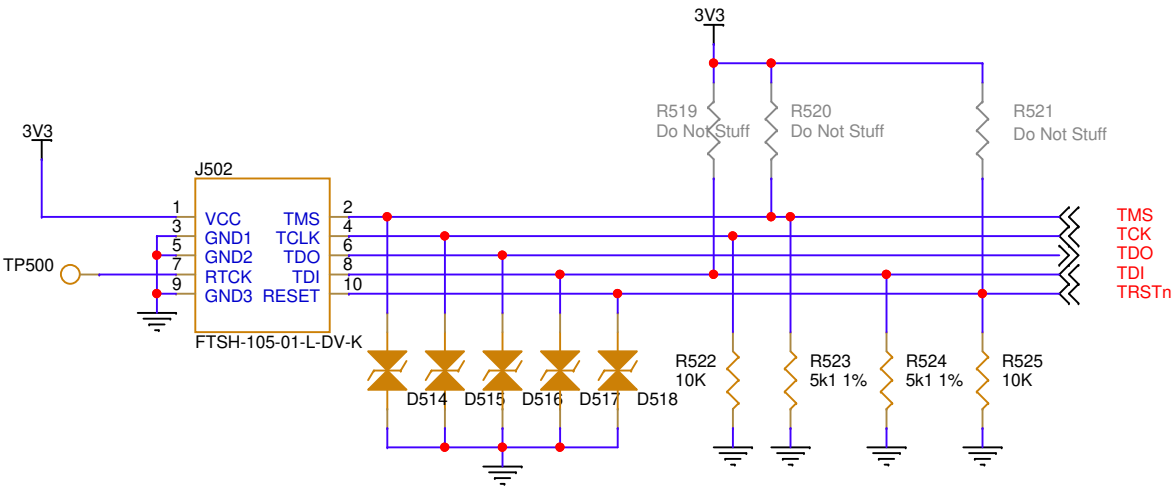
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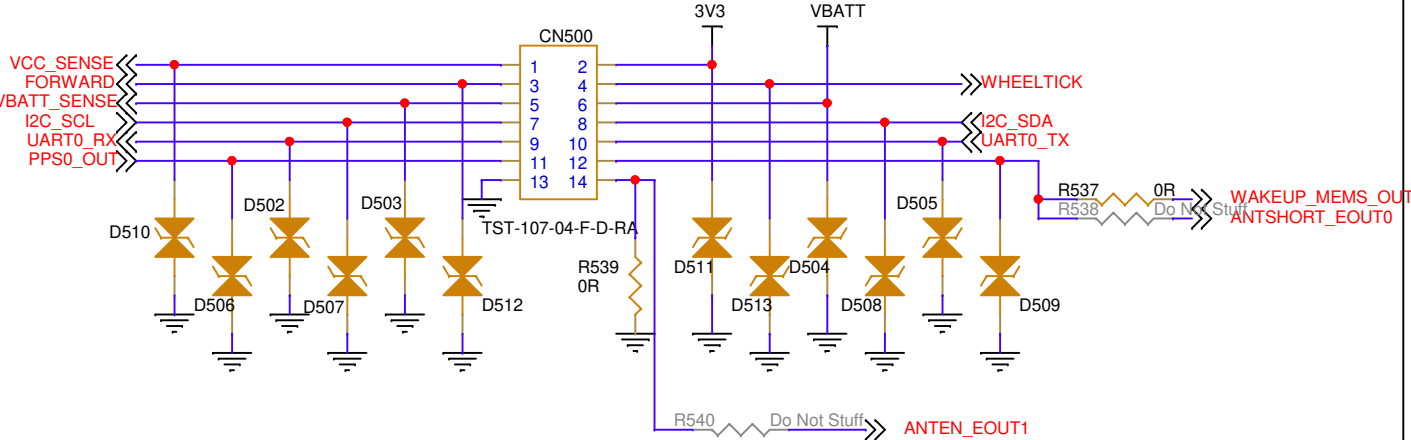
REAR & ODOmeter



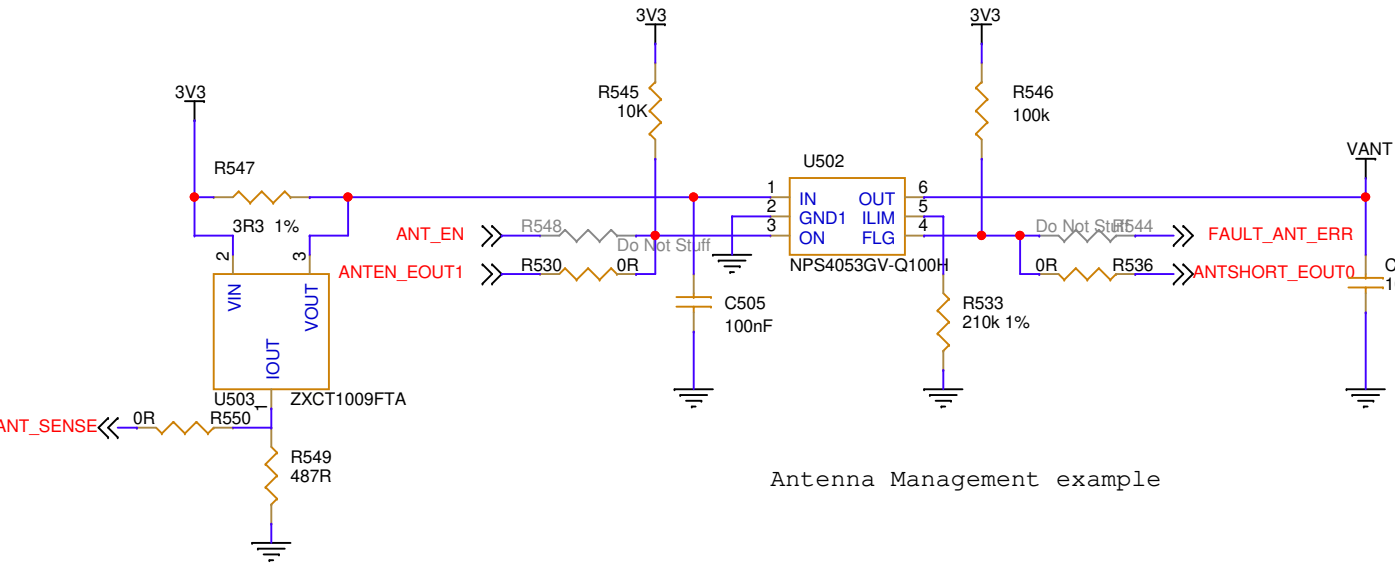
JTAG



for 2 wire JTAG no PU on TRSTN

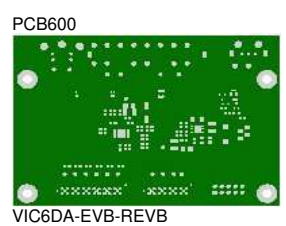
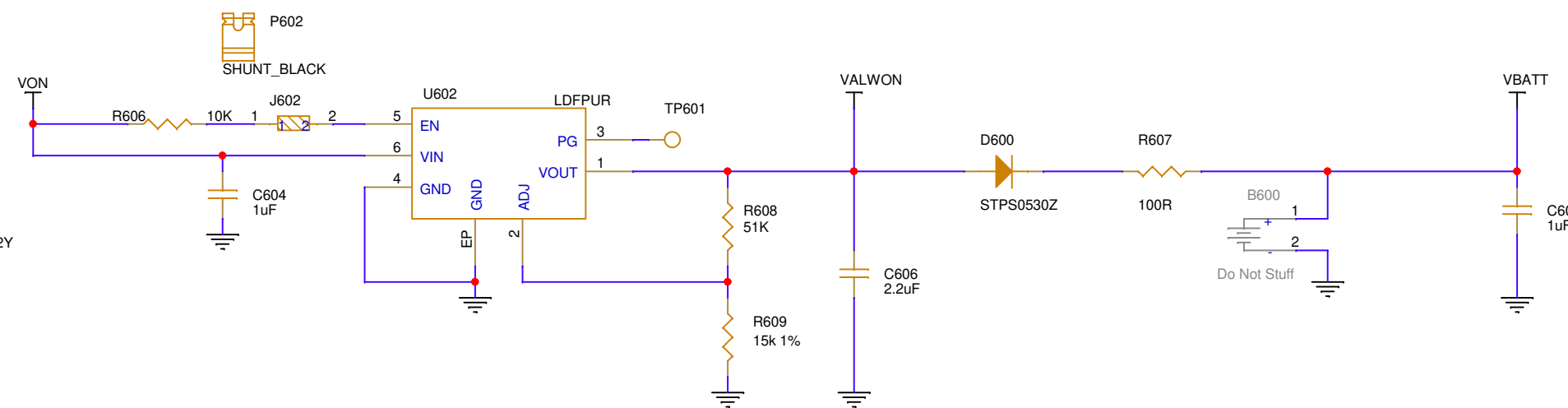
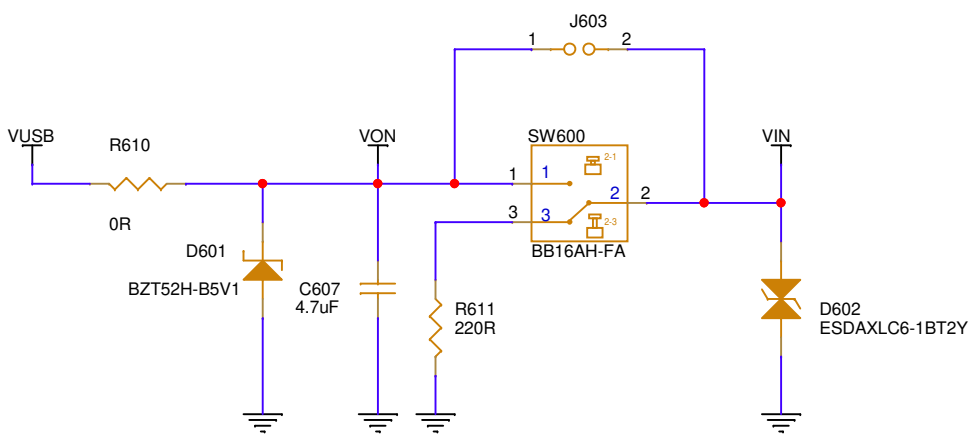
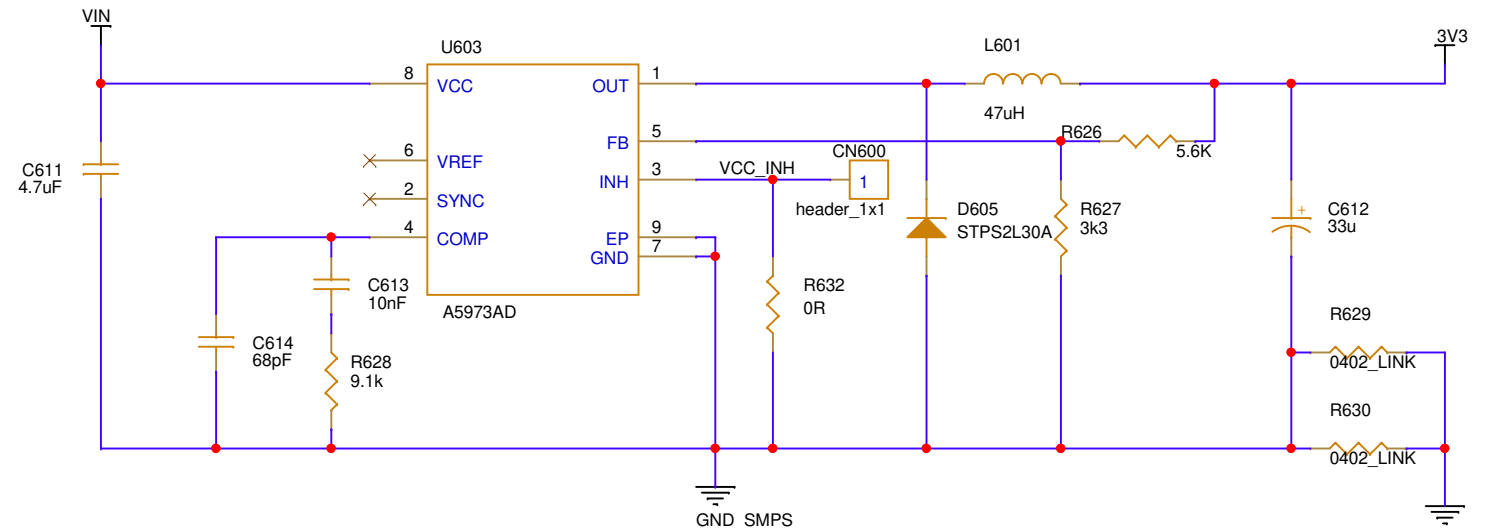


Antenna sensing



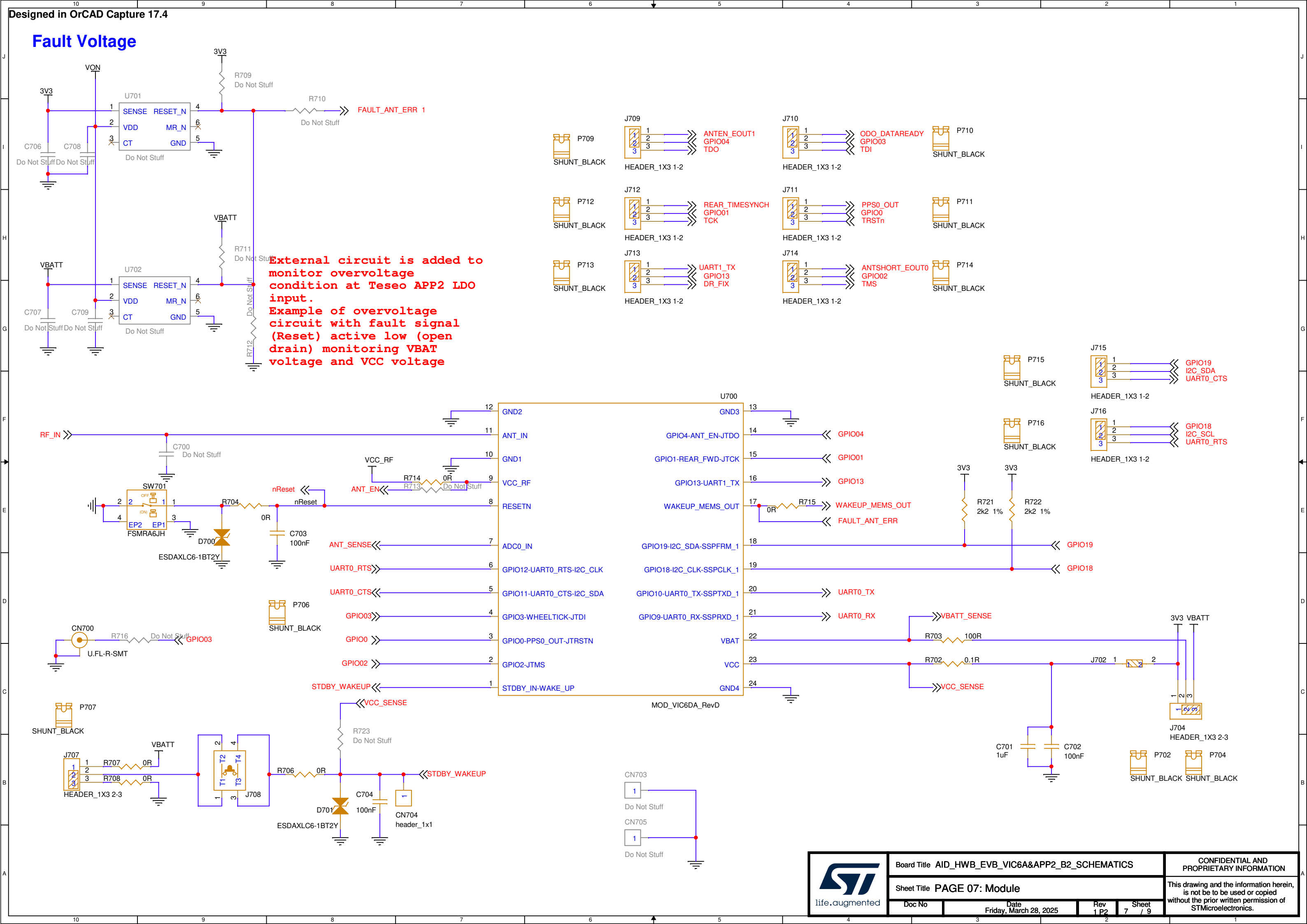
Antenna Management example

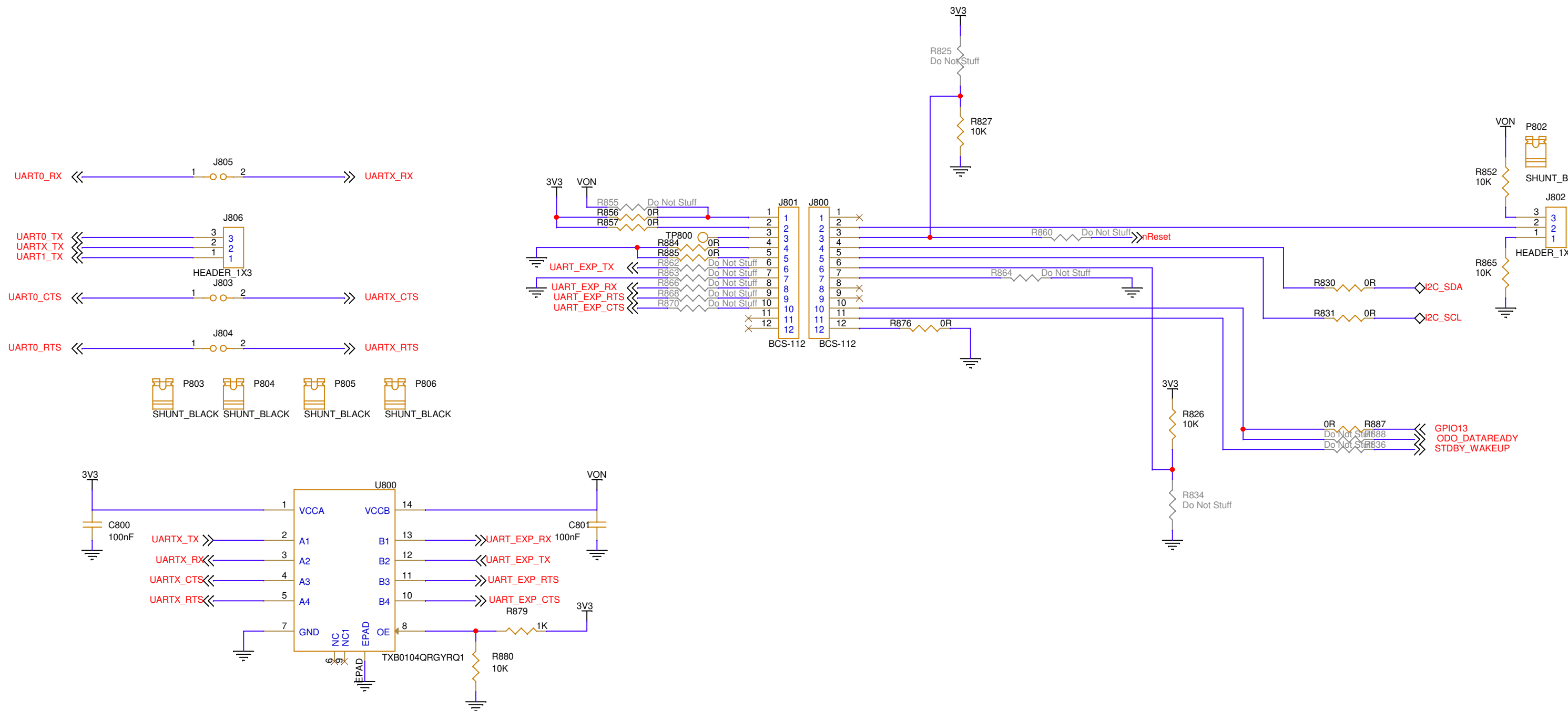
POWER



VIC6DA-EVB-REVB

HW600
XXXXY-AABBCC
12345678-123
HW_LABEL_SERIAL_NUMBER





VIC6A-EVB REV A issue from ELE6_EVB:

- Mount resistor for SSP test R872 and R873
- Update output 3,3V R626 3.3k and R627 5.6k
- Update output VBATT R608 51k and R609 15K
- Reset filtering issue change R704 by 0R
- USB issue change R329 and R330 by 0R

VIC6A-EVB REV B:

- By pass LNA replace by direct connection trthrough μ FL
- Remove discret LNA
- Remove option smps for core supply
- USB connector assembly issue
- Connect INT2 of expansion (sensors in i2c)
- Disconnect INT 1 of MEMS expention
- Improve test coverage at Production EMS (For ex. RTS/CTS)
- Antenna current monitor update
- Update schematic to support binary download on SSP interface via FTDI
- Change moduel for REVD