Lanza Meteorológica – PCB Main

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STM32WB55RG

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Power Management

File: Power Management.kicad_sch

RF

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External Connections

File: External Connections.kicad_sch

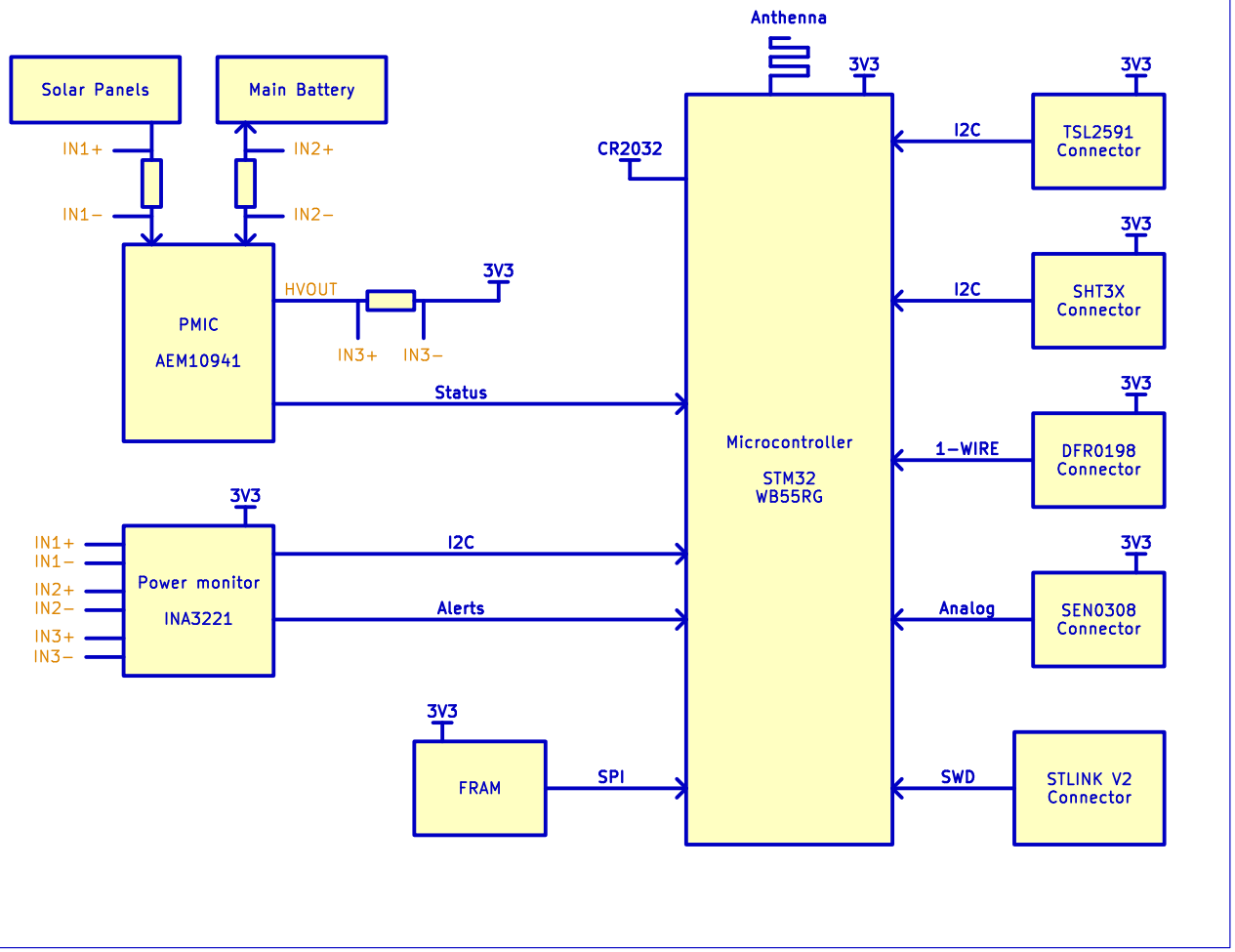
H1 MountingHole

H2 MountingHole

H3 MountingHole

H4 MountingHole

Block Diagram



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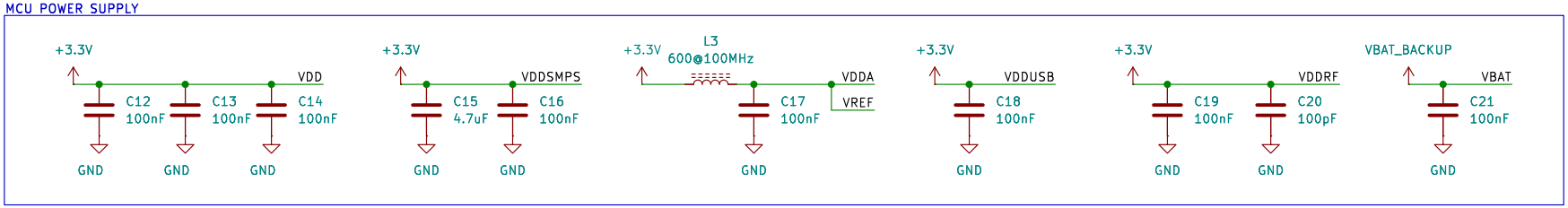
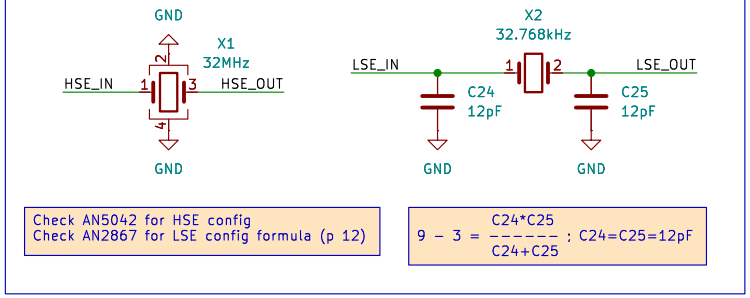
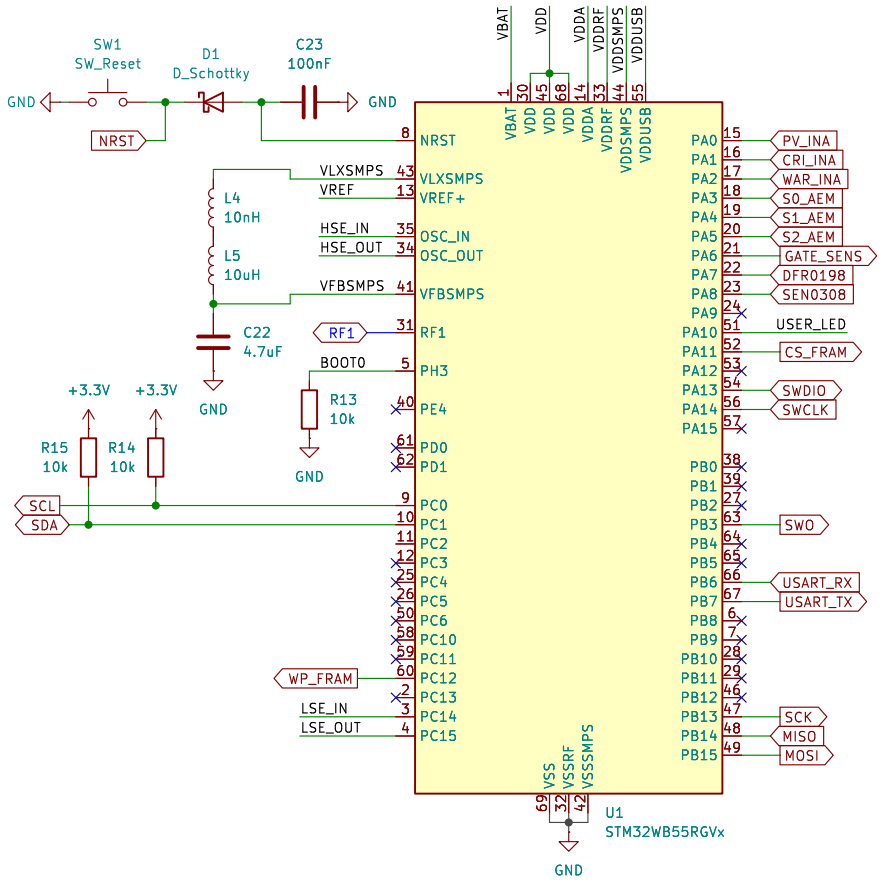
MCU POWER SUPPLY

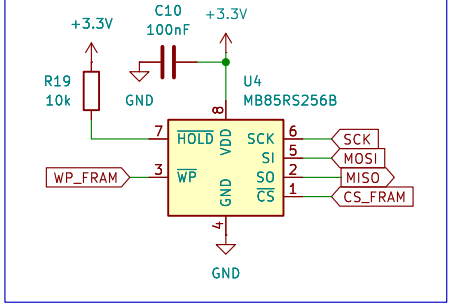


CRYSTAL OSCILATORS

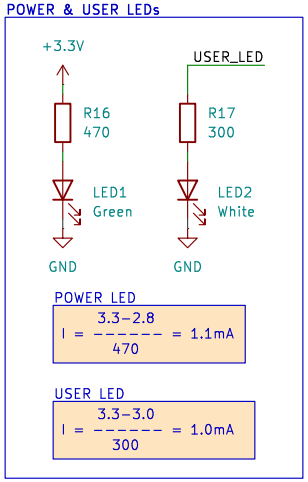




FRAM



POWER & USER LEDs



Inspired by:
https://www.st.com/resource/en/schematic_pack/mb1355-wb55rg-c02_schematic.pdf

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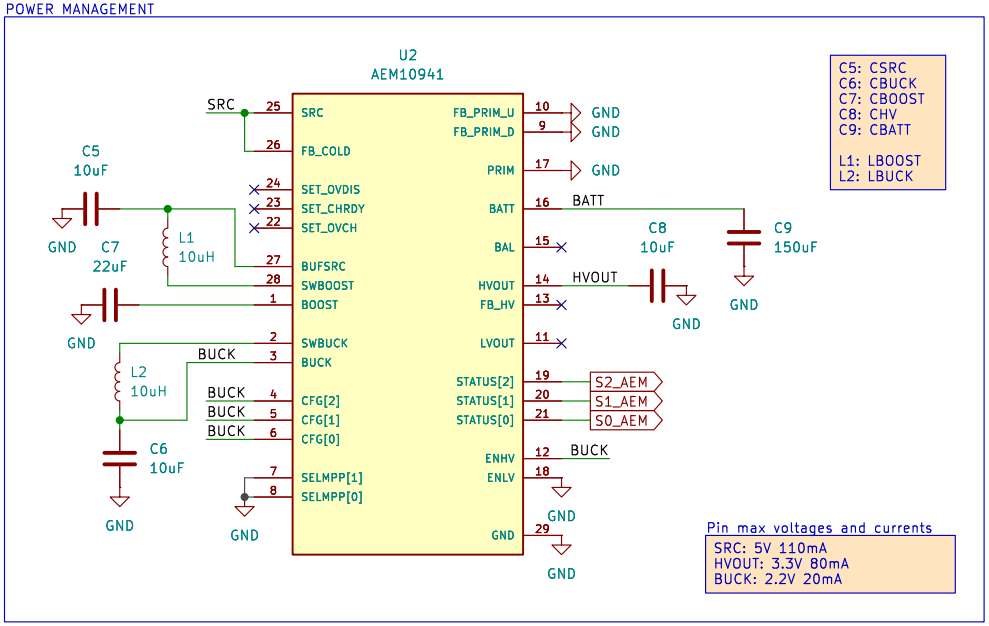
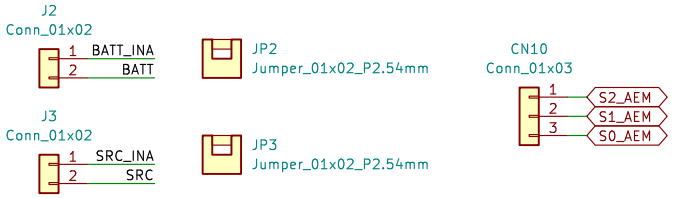
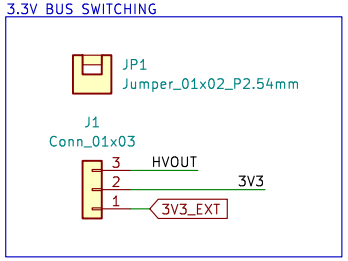
POWER MANAGEMENT

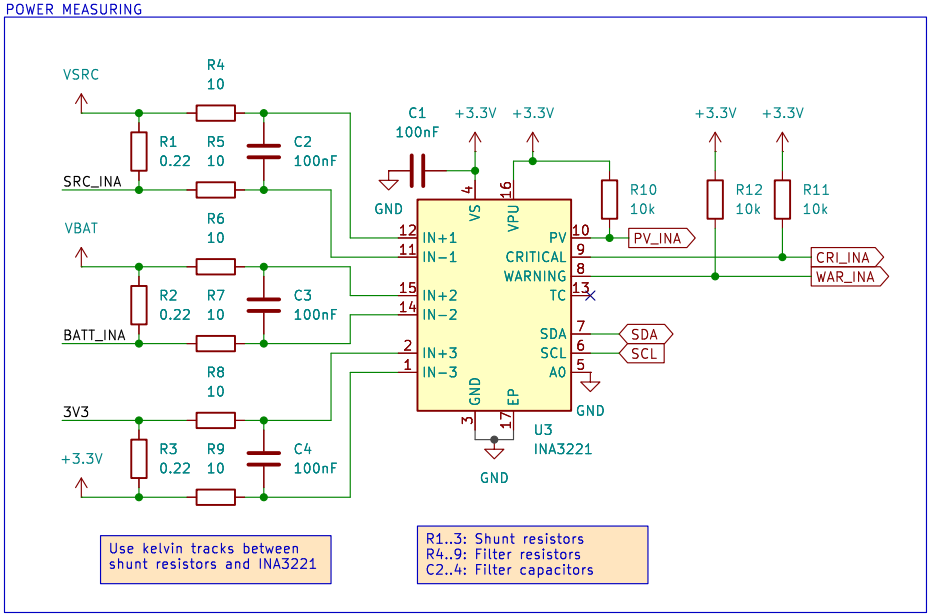




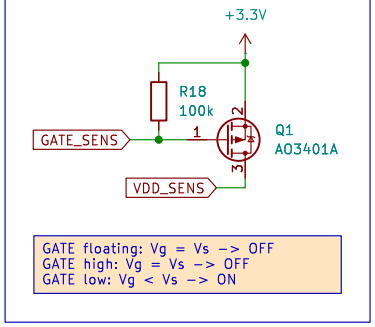
3.3V BUS SWITCHING



POWER MEASURING



SENSOR SUPPLY SWITCH



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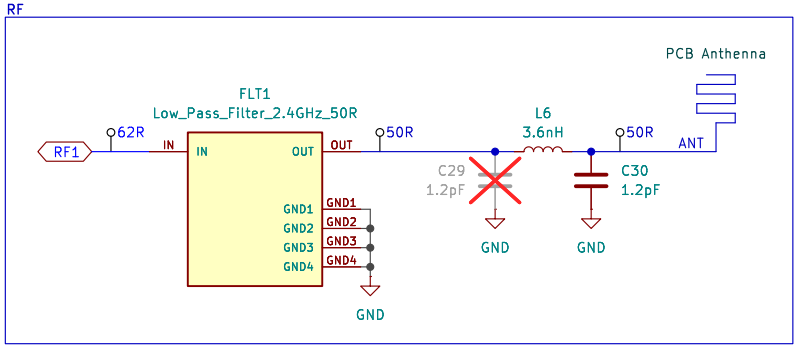
RF



AN5165:
https://www.st.com/resource/en/application_note/an5165-how-to-develop-rf-hardware-using-stm32wb-microcontrollers-stmicroelectronics.pdf

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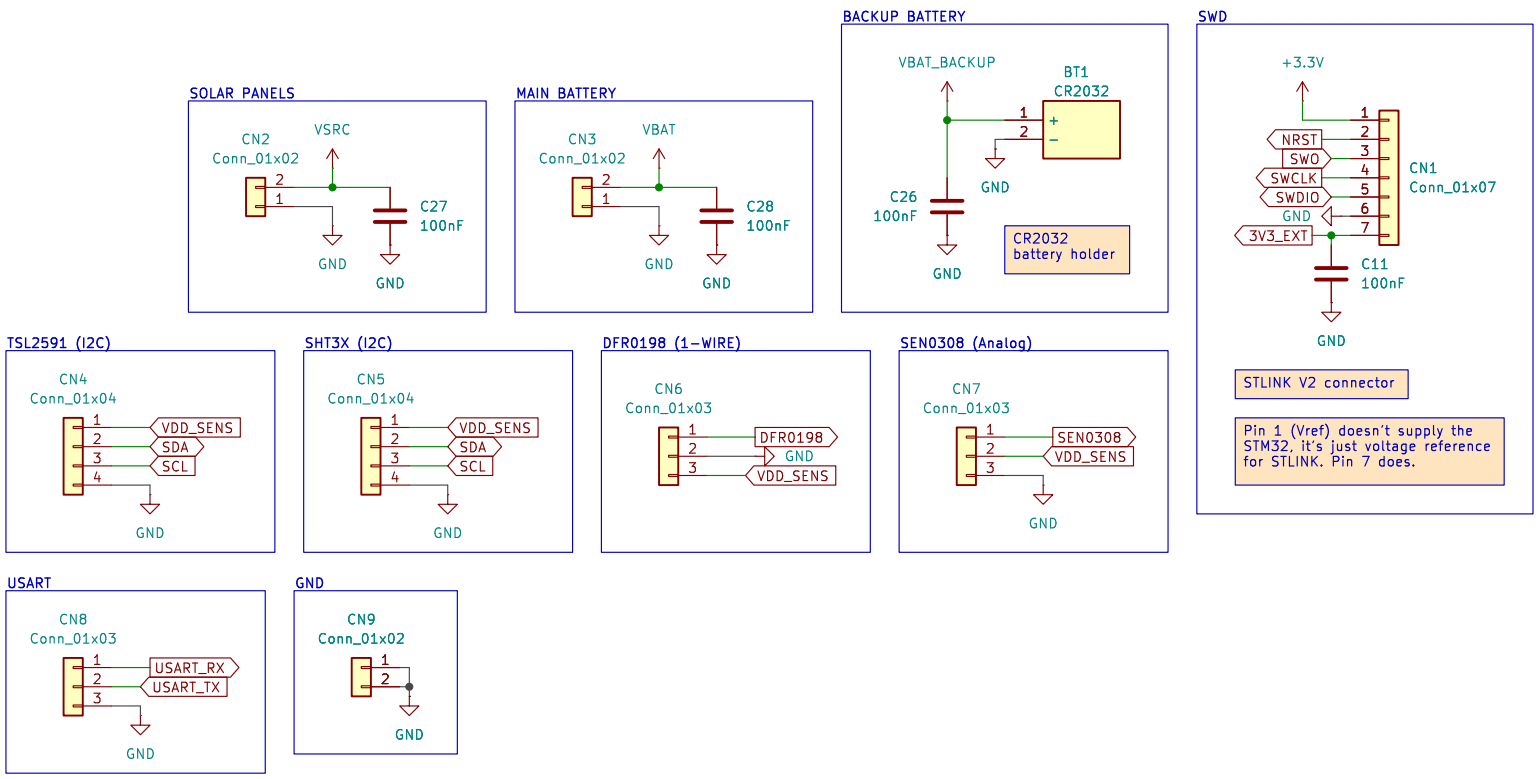

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