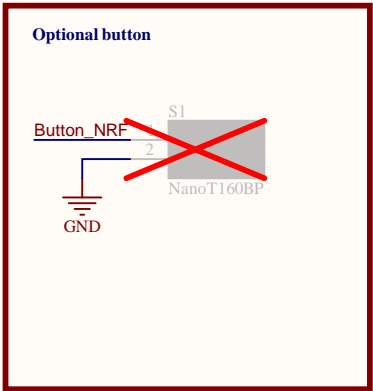
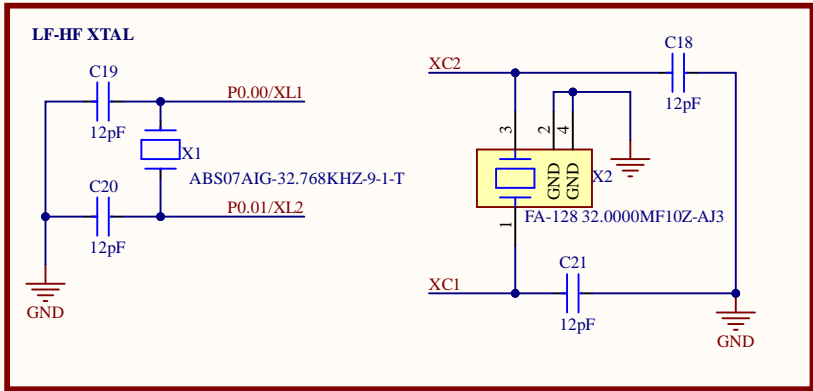
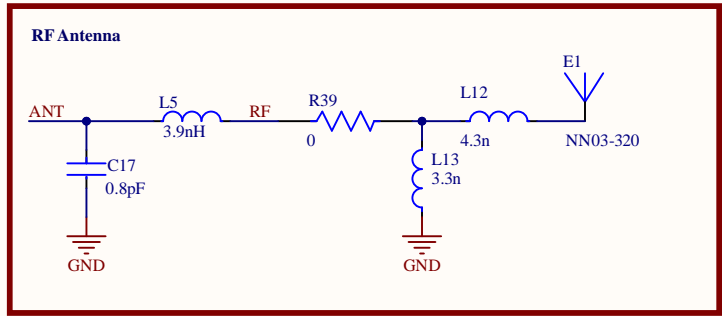
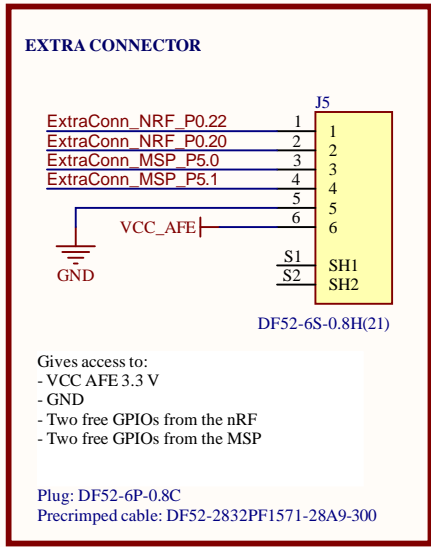
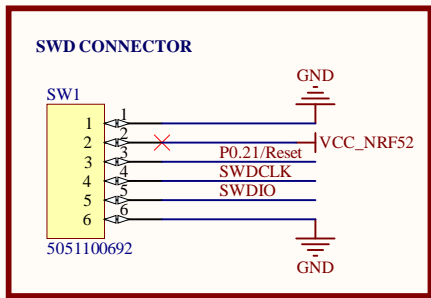
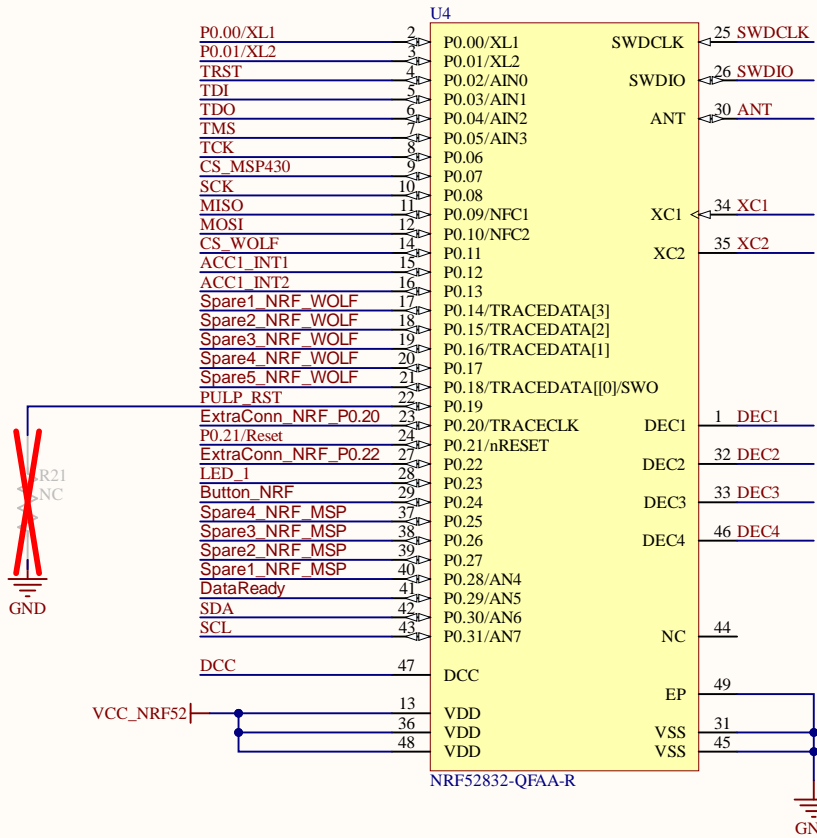
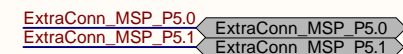
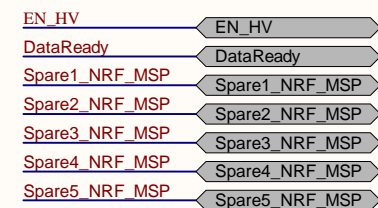
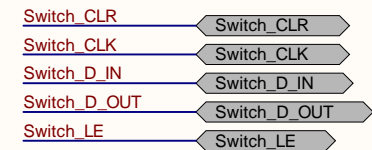
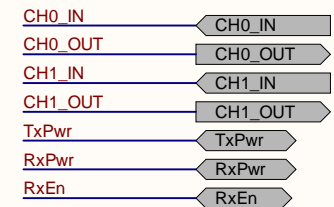


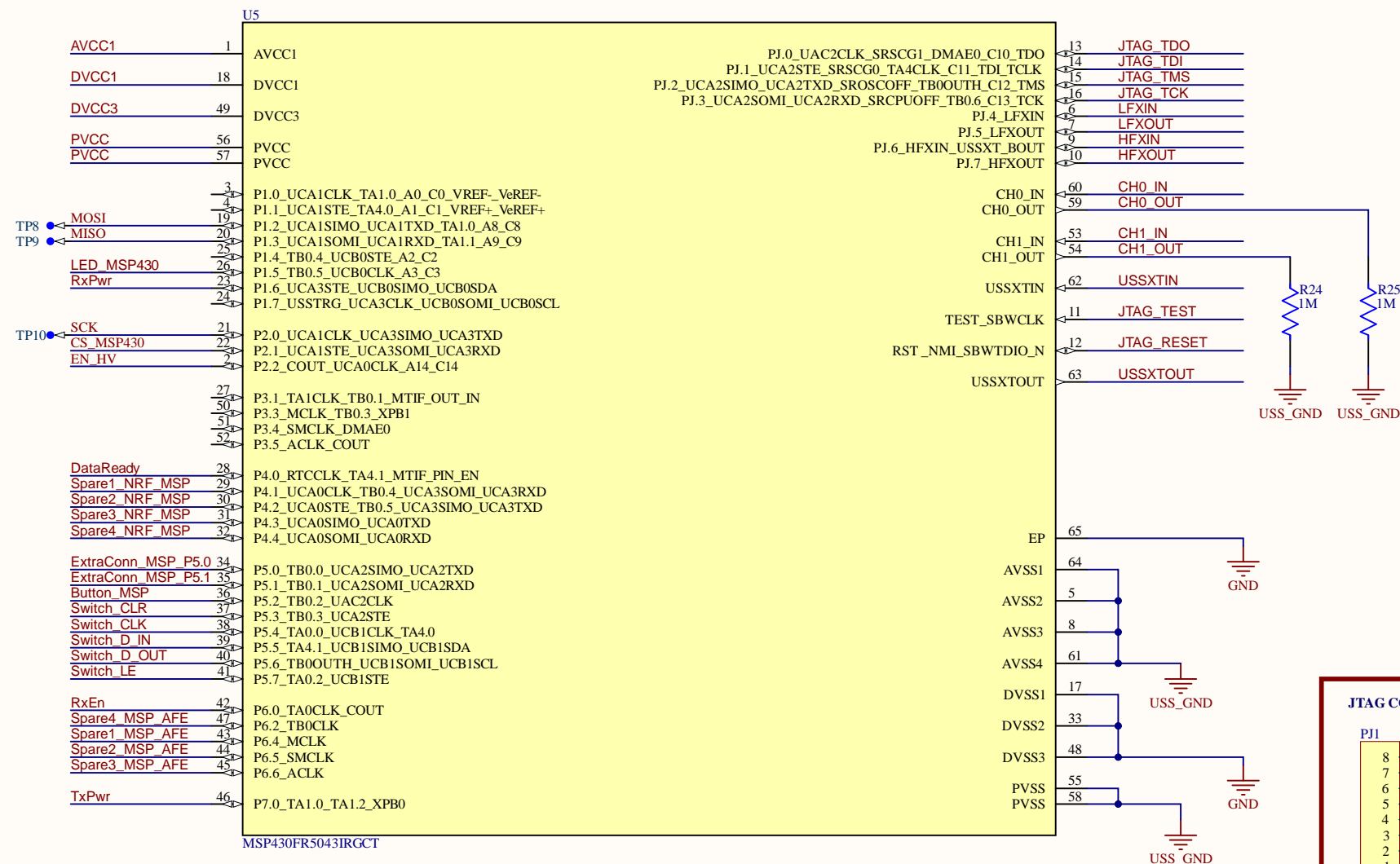
NRF52832 WITH DC/DC AND CHIP ANTENNA



The diagram shows two pins on the left: VSYS_IN and VCC_MSP430. VSYS_IN is connected to a pin labeled VSYS_IN on a component. VCC_MSP430 is connected to a pin labeled VCC_MSP430 on a component.



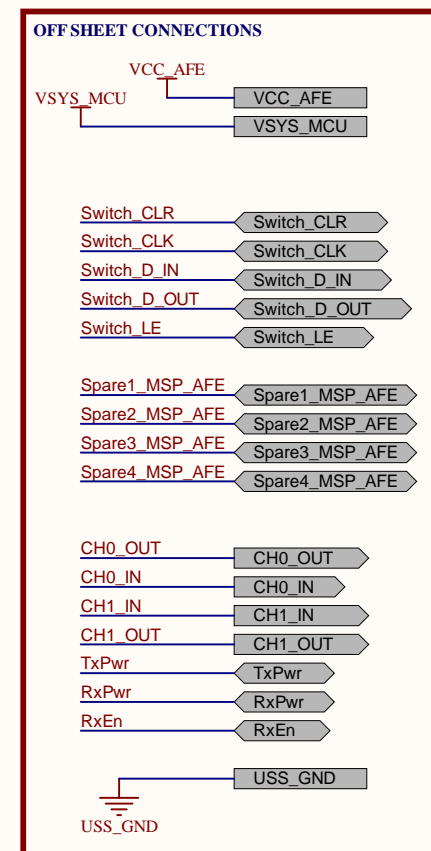
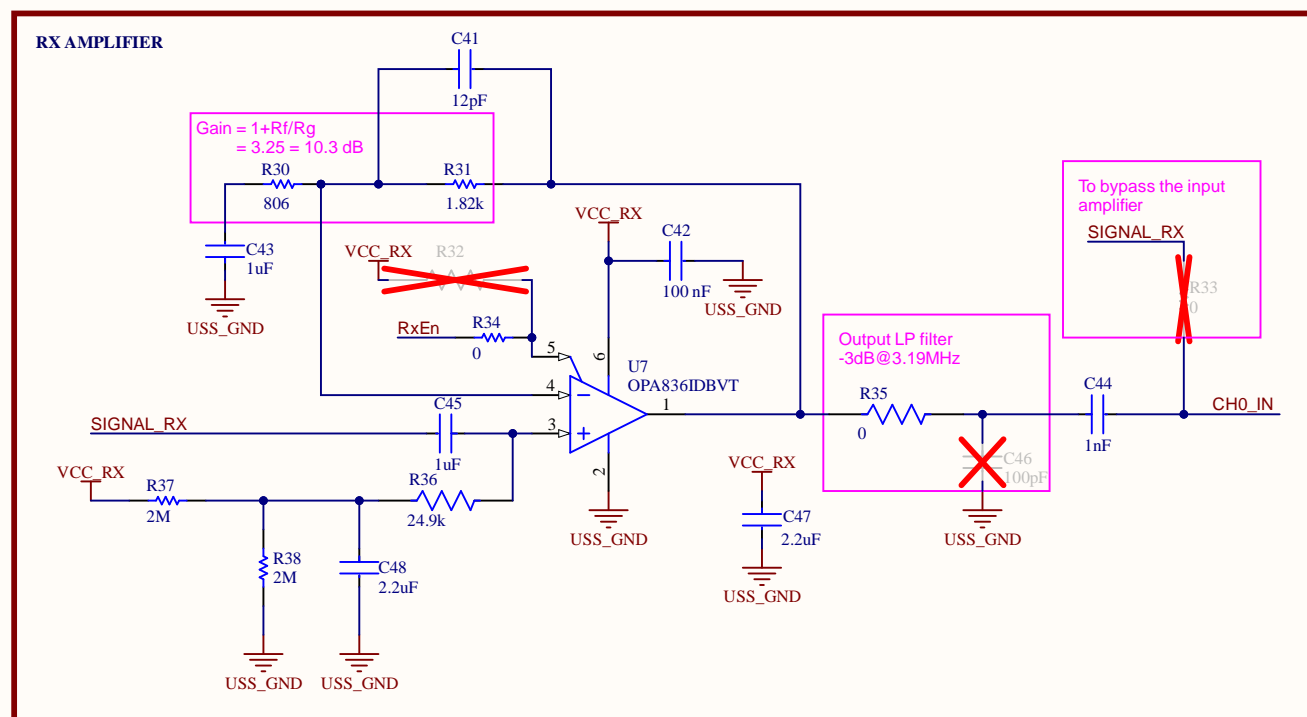
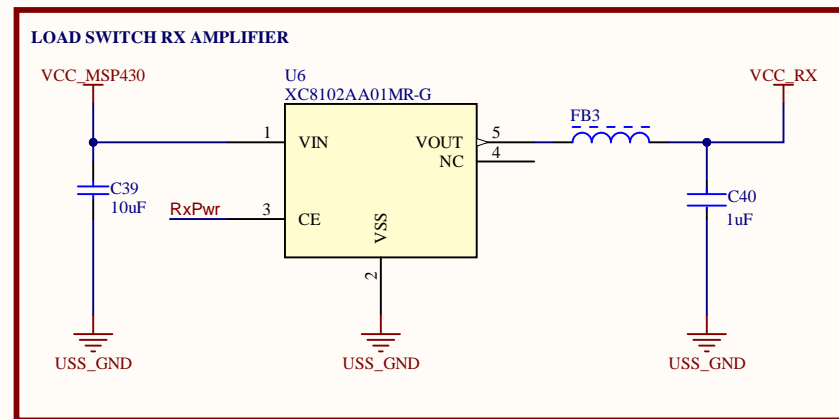
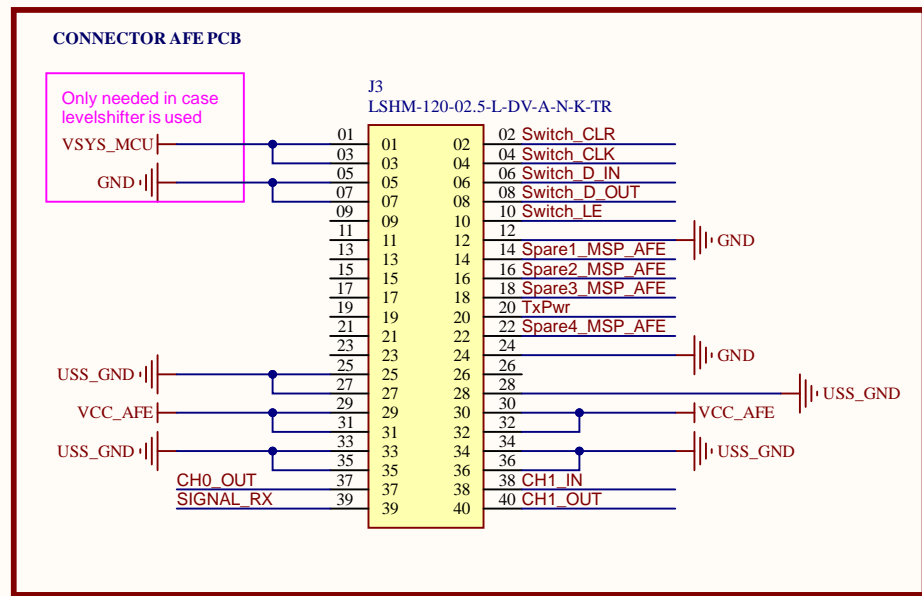
The diagram illustrates the clock circuitry for the HFX and LFX modules. The HFX section features a crystal (X3, FY0800018, 8MHz) connected to HFXIN and HFXOUT. It includes capacitors C32 and C34 (12pF) and a resistor R26 (22). The LFX section features a crystal (X4, ABS07-32.768KHZ-9-T, 32.768kHz) connected to LFXIN and LFXOUT, with capacitors C37 and C38 (12pF). Both sections are grounded to GND.

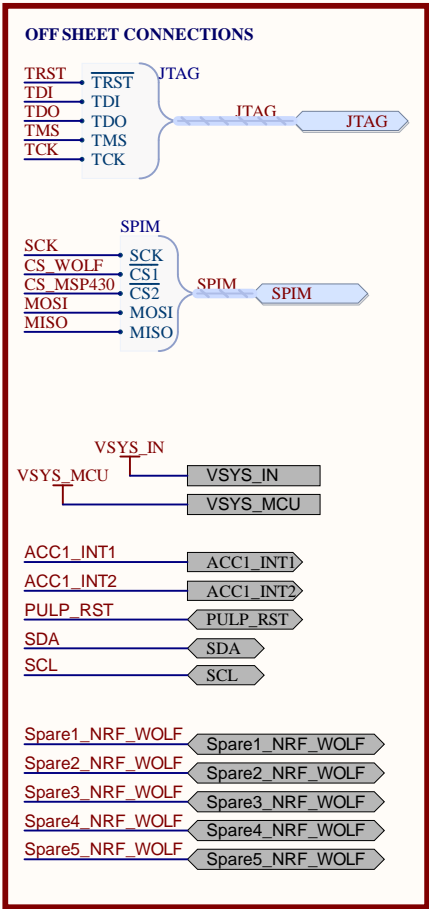
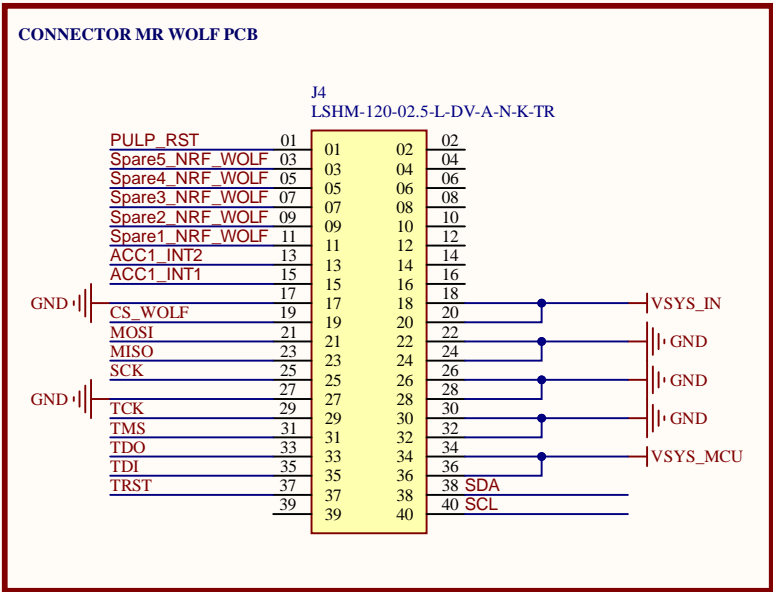


A circuit diagram showing a microcontroller pin connected to an LED. The pin is labeled 'LED_MSP430'. A resistor, labeled 'R27' and '324', is connected between the pin and the LED. The LED is labeled 'D2' and 'Green 2.65V'. The other end of the LED is connected to 'GND'.

Diagram showing a button connected to MSP and GND. A red X is drawn over the NanoT160BP component, indicating it is not used.

[illegible]





Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Project:

Wearable Ultra Low-Power Ultrasound probe

Drawing number:

Rev: v1.2

Format:

Laboratory: Integrated Systems Laboratory

Sheet: 04_MR_WOLF.SchDoc

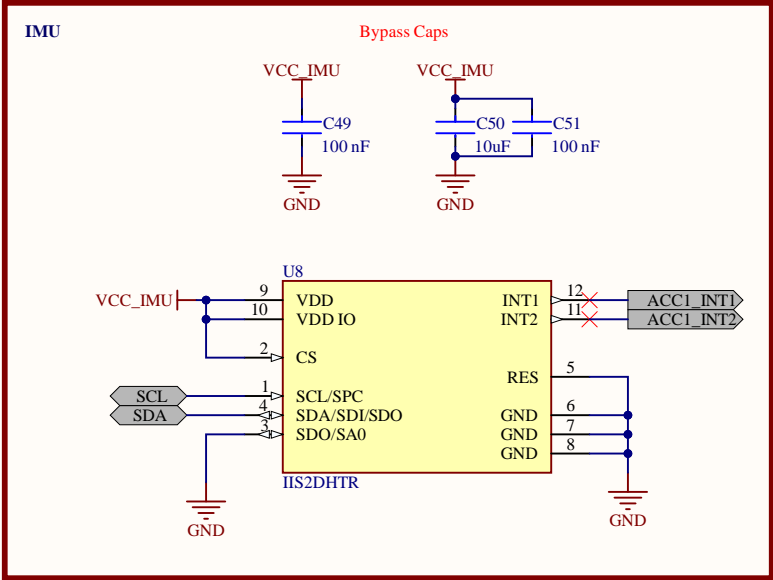
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Drawn by: Sebastian Frey

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Eidgenössische Technische Hochschule Zürich
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