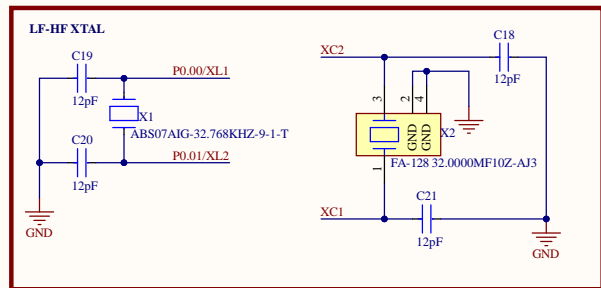
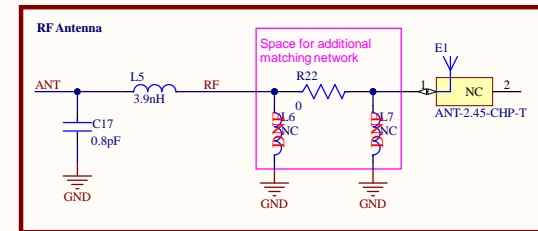
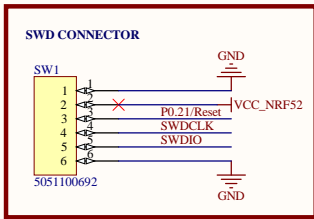
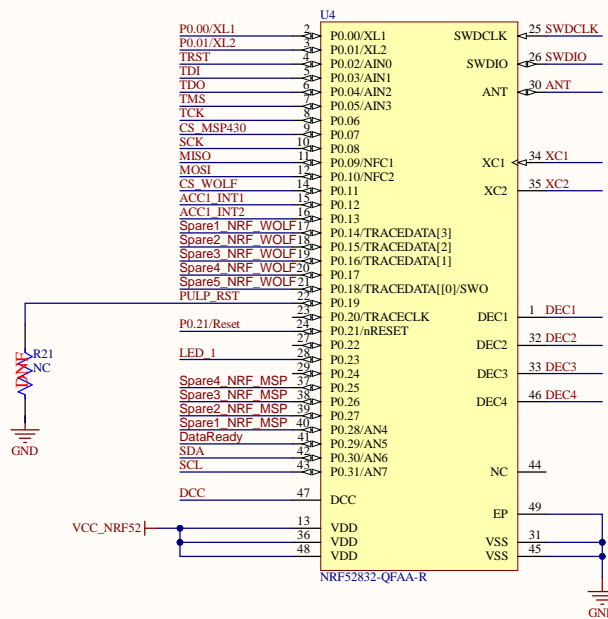
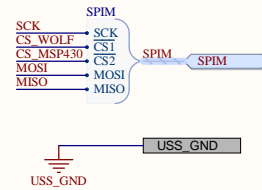
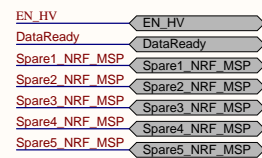
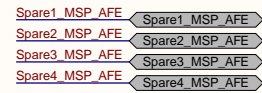
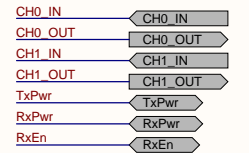
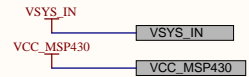


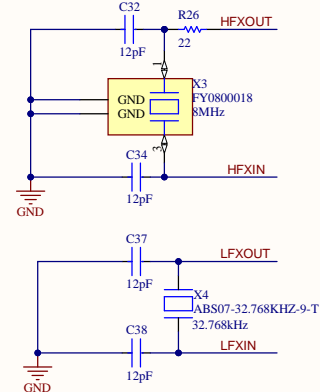
NRF52832 WITH DC/DC AND CHIP ANTENNA



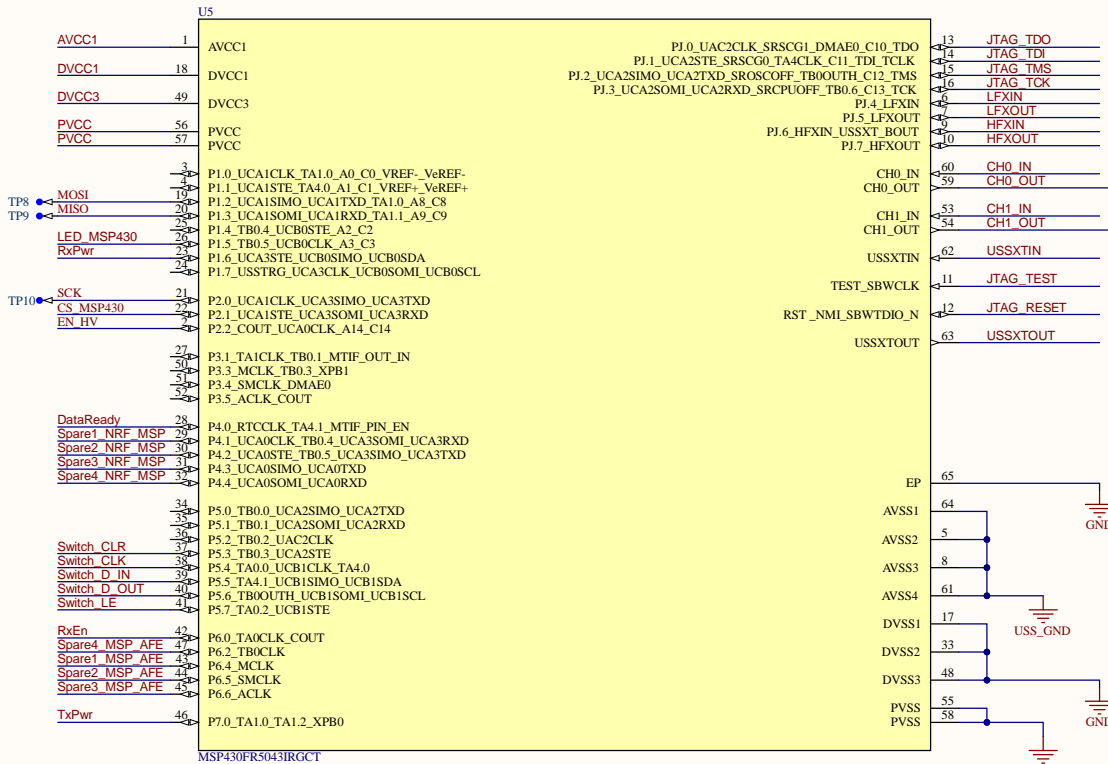
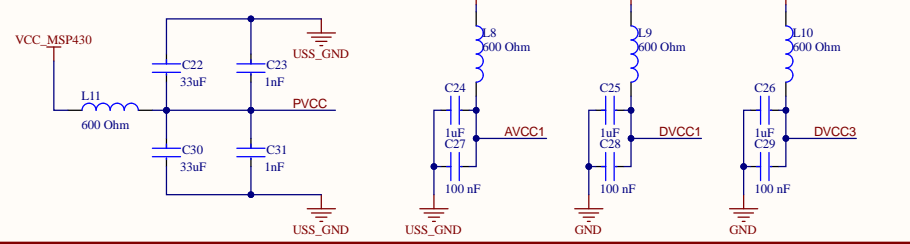
OFF SHEET CONNECTIONS



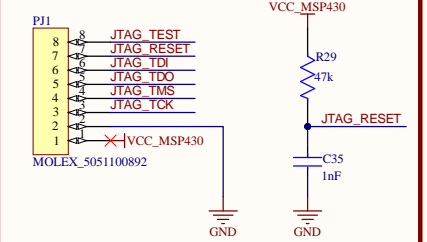
LF-HF XTAL



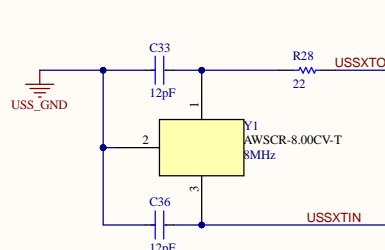
BYPASS CAPS



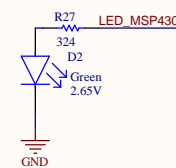
JTAG CONNECTOR



USSXTAL



DEBUG LED



ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Project:

Wearable Ultra Low-Power Ultrasound probe

Drawing number:

Rev: v1.0

Format:

Laboratory: Integrated Systems Laboratory

Sheet: 02_MSP430.SchDoc

Date: 22.02.2023 14:14:10

A3

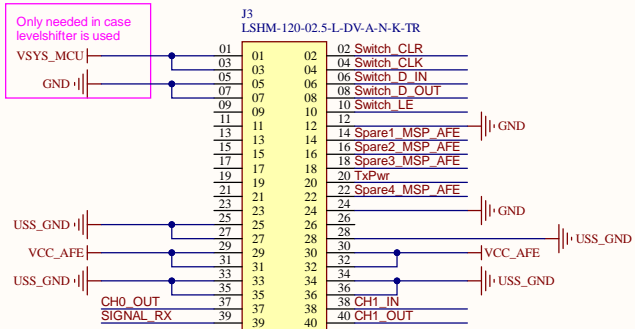
Drawn by: Sebastian Frey

Page 3 of 6

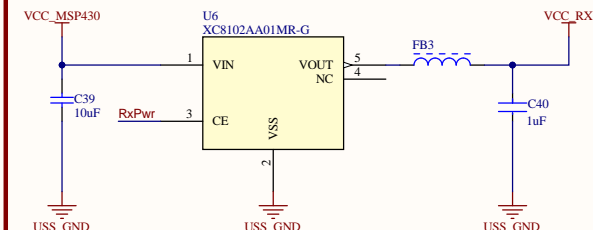
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CONNECTOR AFE PCB

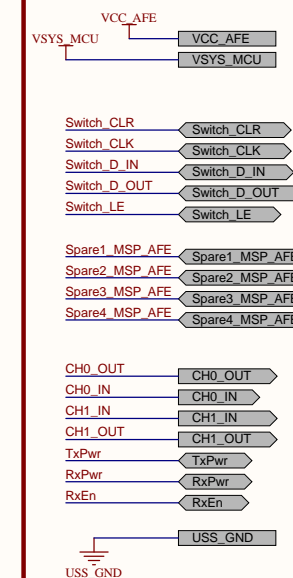
Only needed in case levelshifter is used



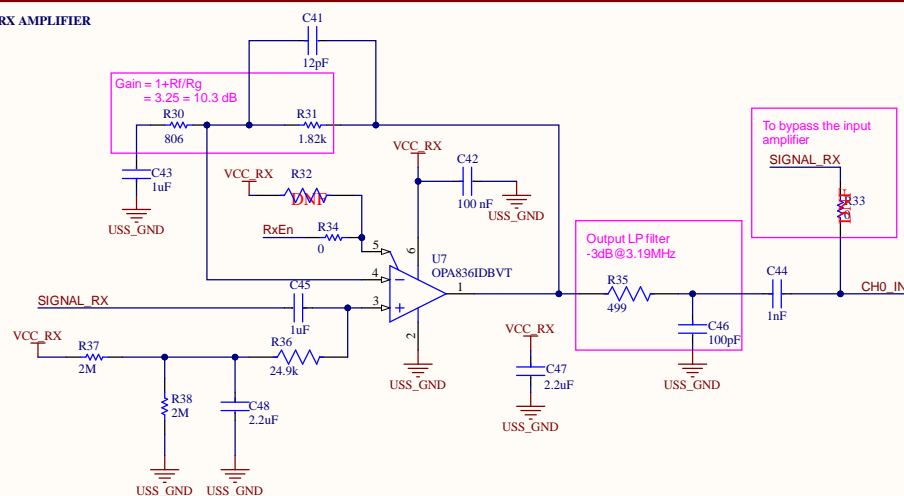
LOAD SWITCH RX AMPLIFIER



OFF SHEET CONNECTIONS



RX AMPLIFIER



ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Project:

Wearable Ultra Low-Power Ultrasound probe

Drawing number: *

Rev: v1.0

Format: Laboratory: Integrated Systems Laboratory

Sheet: 03_MSP430_AFE.SchDoc

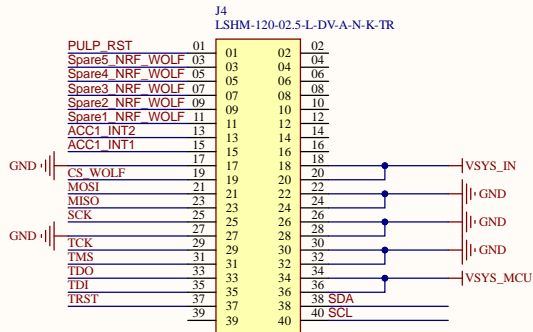
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A3 Drawn by: Sebastian Frey

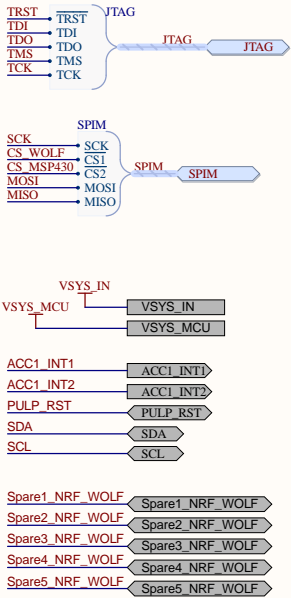
Page 4 of 6

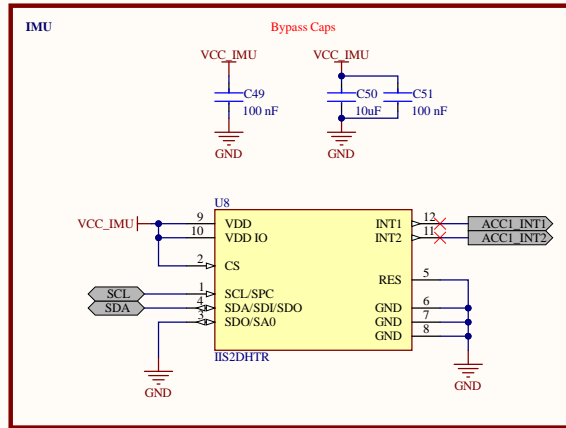
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CONNECTOR MR WOLF PCB



OFF SHEET CONNECTIONS





ETH Eidgenössische Technische Hochschule Zürich Swiss Federal Institute of Technology Zurich		Project: Wearable Ultra Low-Power Ultrasound probe			
Drawing number: *	Rev: v1.0	Format: A3	Laboratory: Integrated Systems Laboratory	Sheet: 05_IMU.SchDoc	
Date: 22.02.2023 14:14:10			Drawn by: Sebastian Frey	Page: 6 of 6	
File: H:\Projects\repos\ultra-low-power-ultrasound-probe\dev_pcb\USS_Probe\05_IMU.SchDoc					