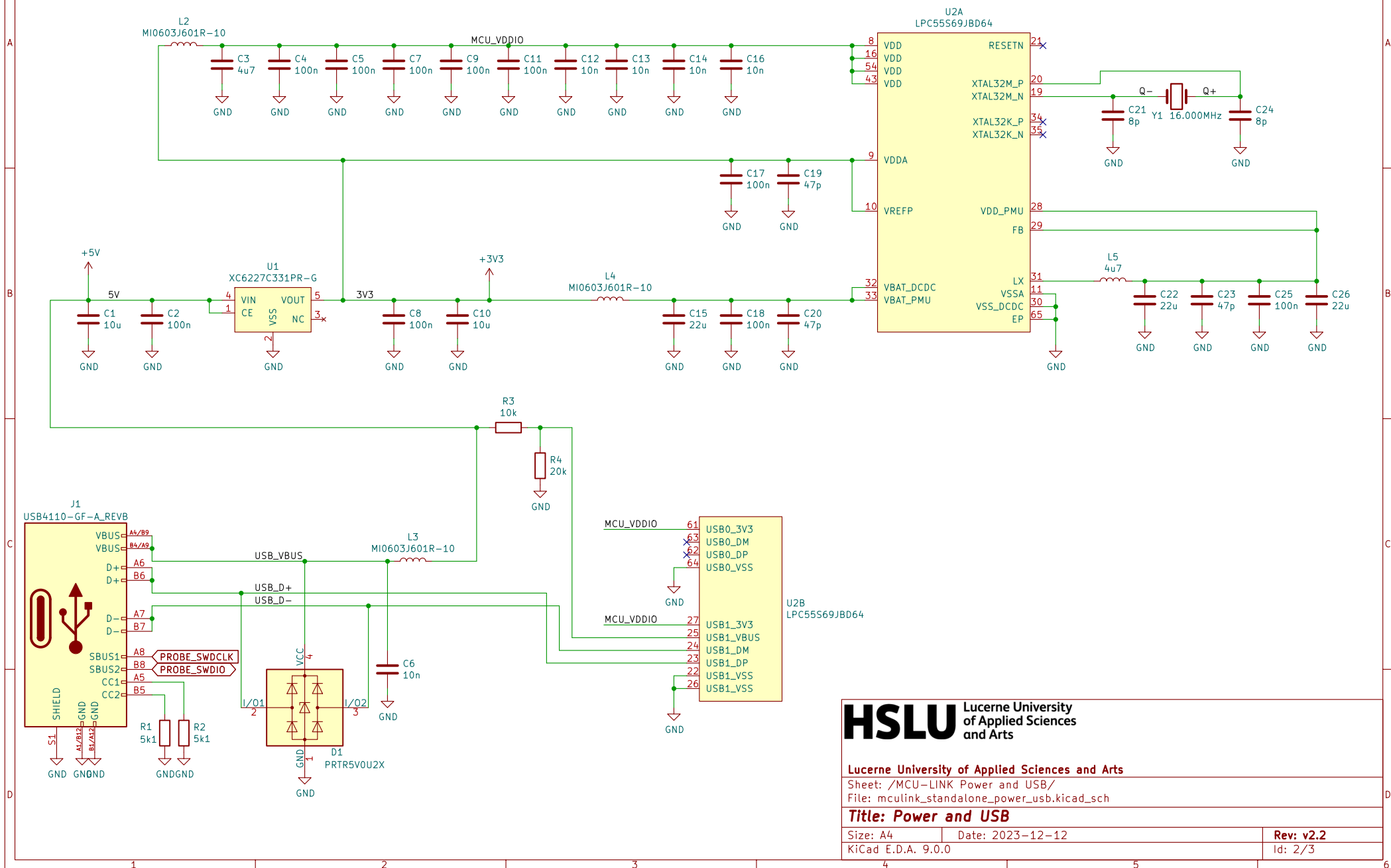


# LPC55S69 MCU Powering and USB



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Sheet: /MCU-LINK Power and USB/  
File: mcuLink\_standalone\_power\_usb.kicad\_sch

**Title: Power and USB**

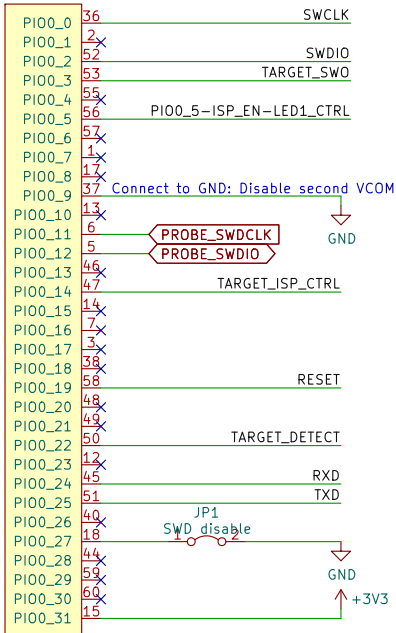
Size: A4  
KiCad E.D.A. 9.0.0

Date: 2023-12-12

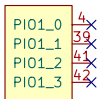
Rev: v2.2

Id: 2/3

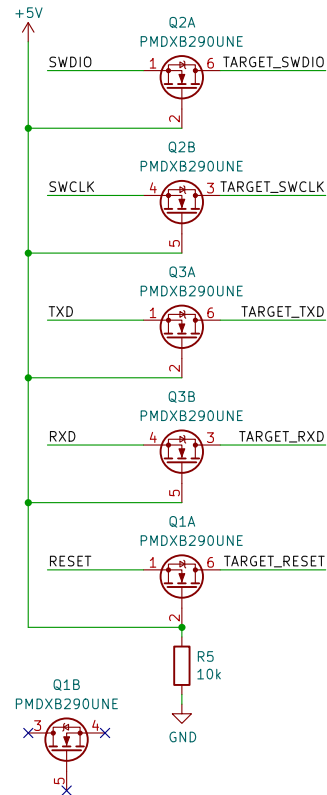
U2C  
LPC55569JBD64



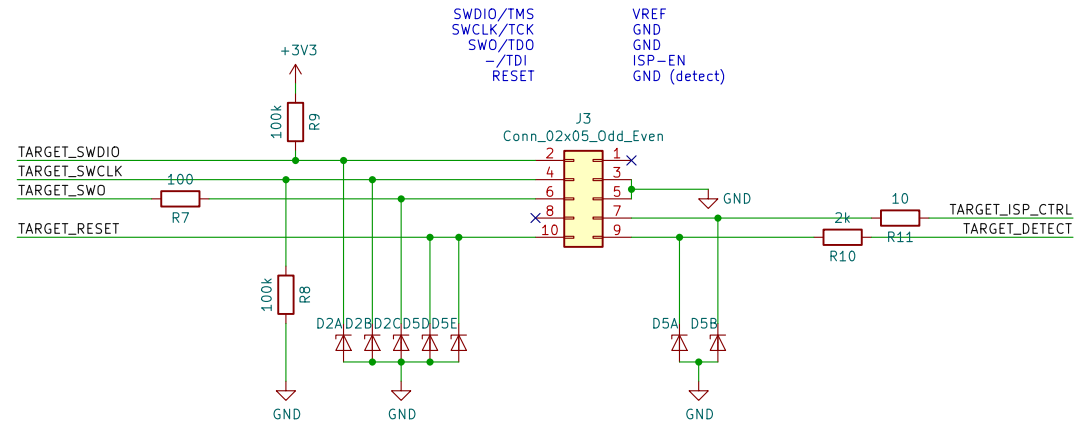
U2D  
LPC55569JBD64



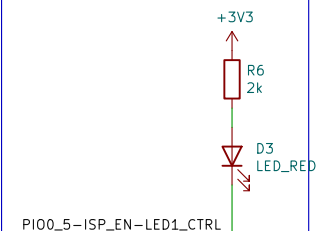
## Signal isolation when switched off



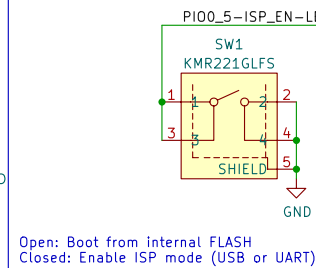
## Cortex Debug (SWD/JTAG) interface



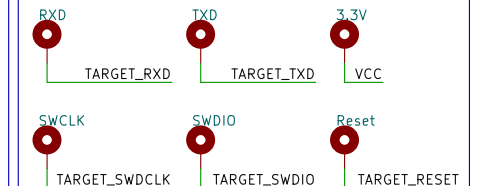
## LED: SWD activity



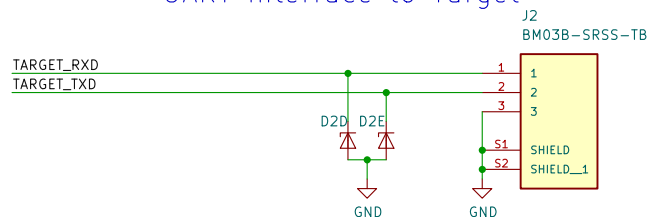
## Enable ISP mode



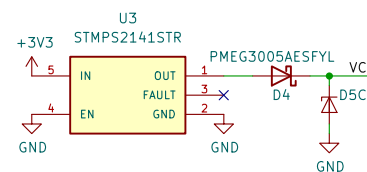
## castellated pins



## UART Interface to Target



## eFuse and Reverse Current Protection



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Sheet: /Debug and UART Interface/  
File: mcuLink\_standalone\_debug\_uart.kicad\_sch

**Title: Debug and UART interface**

Size: A4 Date: 2023-12-12

KiCad E.D.A. 9.0.0

Rev: v2.2

Id: 3/3