MCULink Power and USB

File: mculink_kicad_power_usb.kicad_sch

LPC55S69 IO Ports

File: mculink_kicad_ioports.kicad_sch

Debug interface

File: mculink_kicad_debug.kicad_sch

UART Interface to Target

File: mculink_kicad_uart.kicad_sch

Open points:
- Solder Jumper: different footprint?

Changes v0.2:
- improved silkscreen, marks for pin numbers on connectors
- all UART connections through SN74LVC1T45GW buffers to prevent backfeeding
- added VTARGET to tracking voltage

FID1 Fiducial

FID2 Fiducial

FID3 Fiducial

H1 MountingHole_Pad
GND

H2 MountingHole_Pad
GND

H3 MountingHole_Pad
GND

H4 MountingHole_Pad
GND

L6 Logo HSLU

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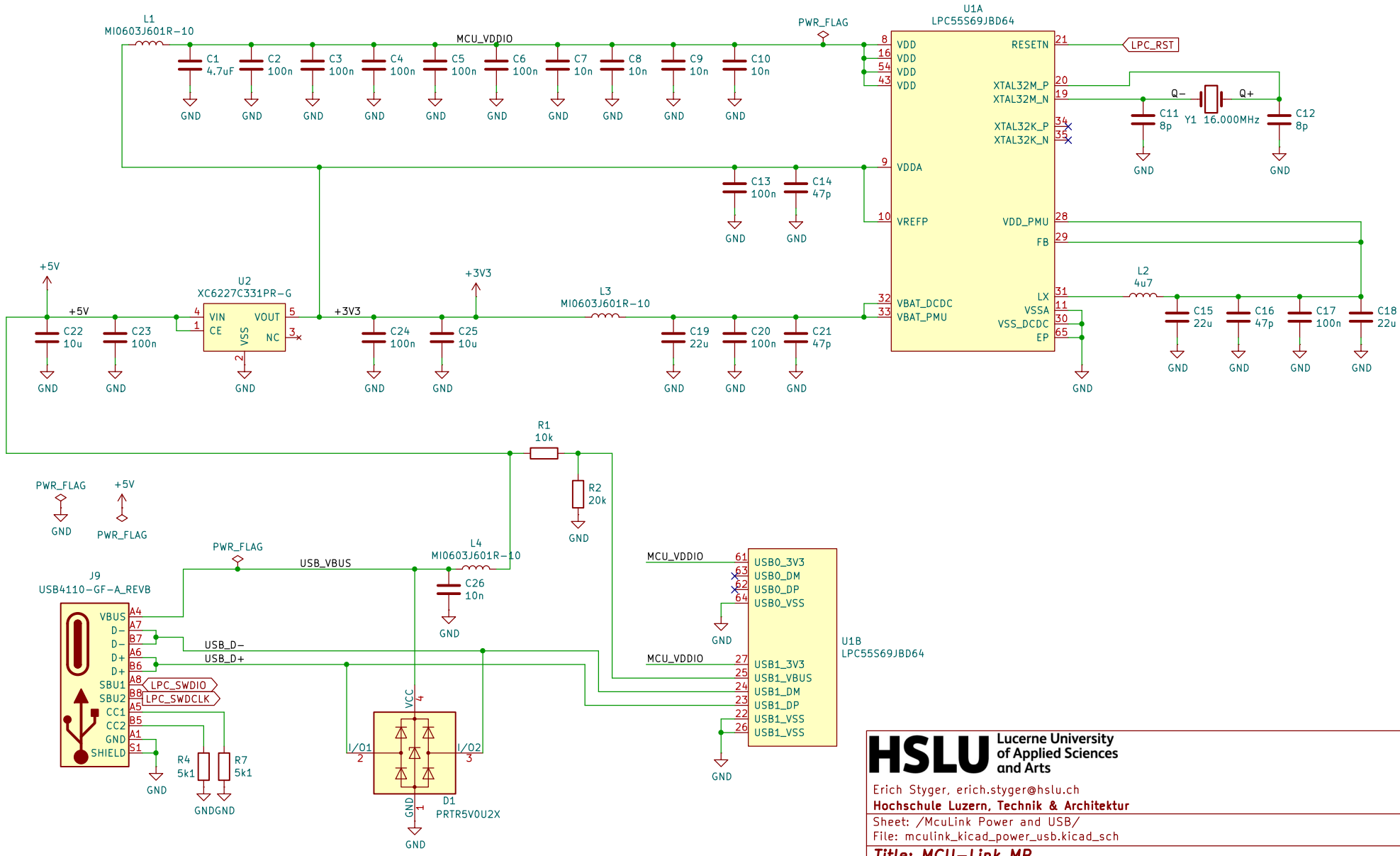
Erich Styger, erich.styger@hslu.ch
Hochschule Luzern, Technik & Architektur

Sheet: /
File: MCU-Link_MR.kicad_sch

Title: MCU-Link MR

Size: A4	Date: 2024-04-28	**Rev: v0.2**
KiCad E.D.A. 8.0.1		Id: 1/5

LPC55S69 MCU Powering and USB



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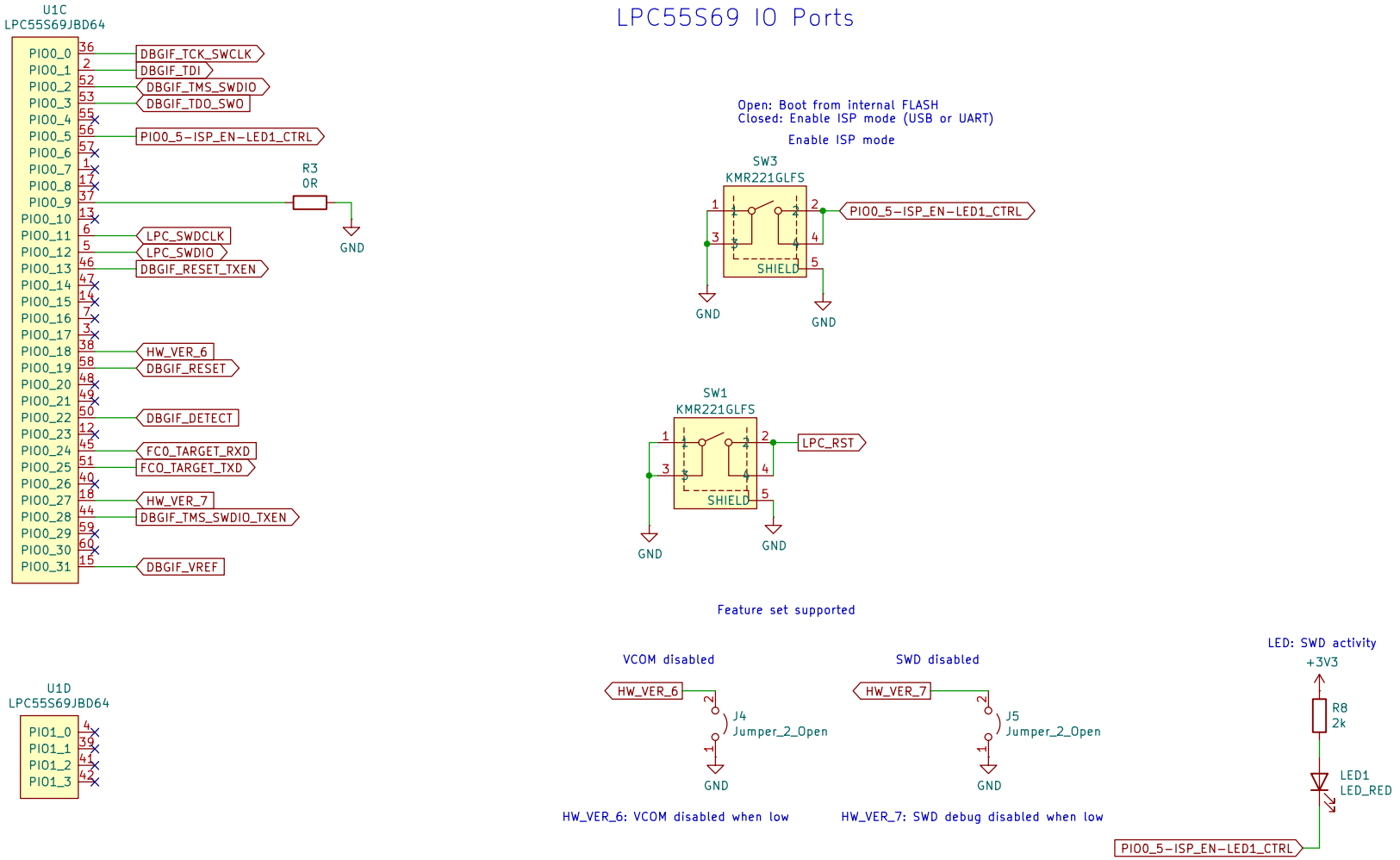
LPC55S69 IO Ports



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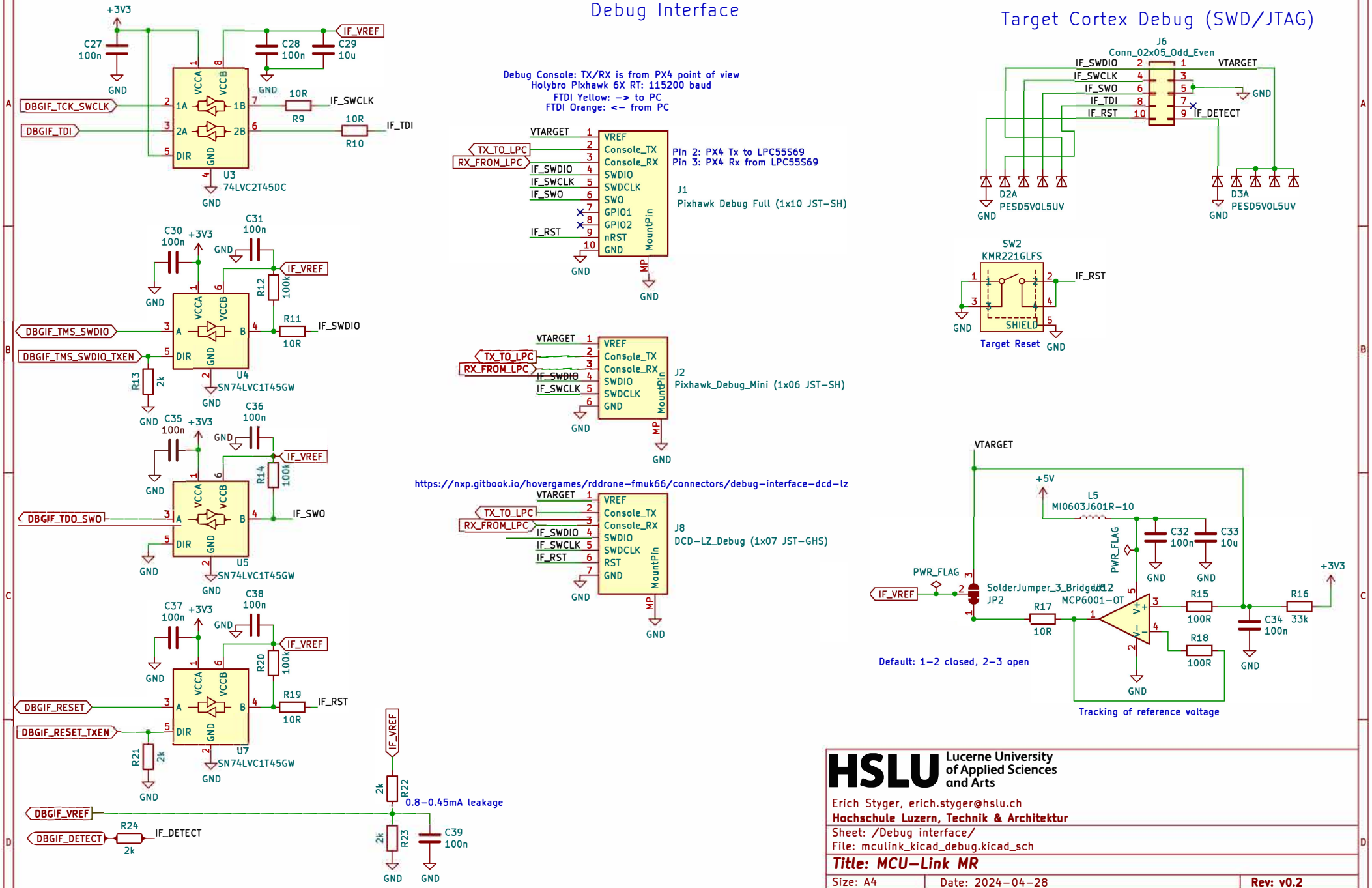

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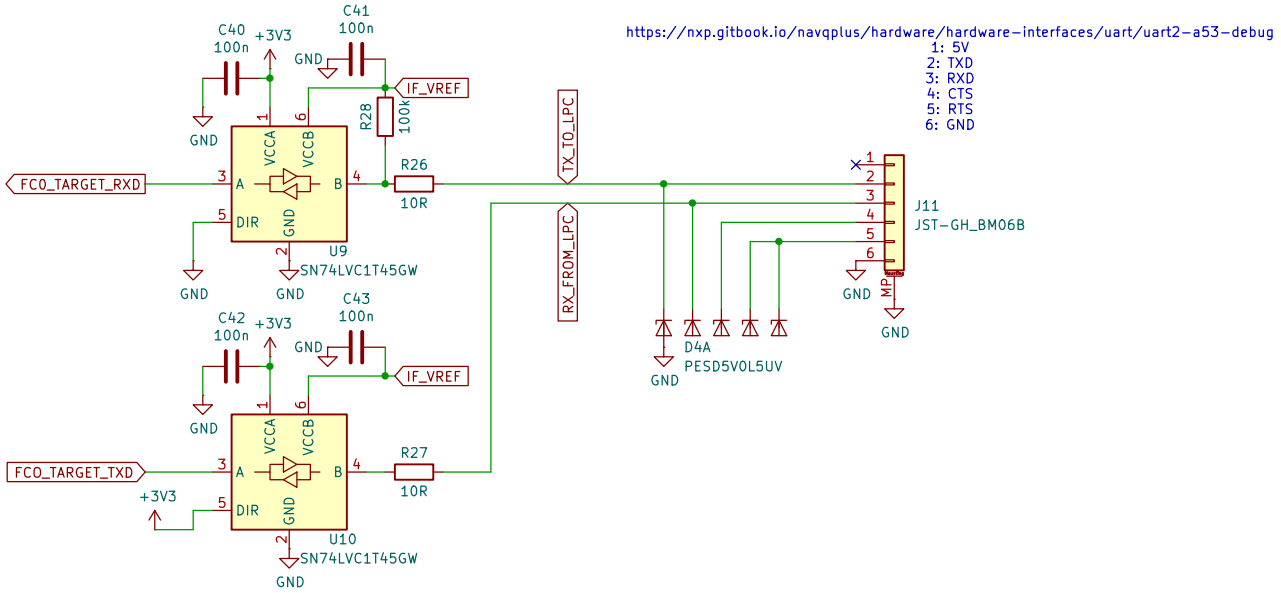

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