

1 2 3 4 5 6

CM5 socket

File: cm5_socket_mcu.kicad_sch

STM32H7 MCU

File: STM32H7 MCU.kicad_sch

Ethernet PHY, PSRAM, eMMC

File: eth_psram_emmc.kicad_sch

DVID converter, NOR Flash

File: Ethernet_flash.kicad_sch

A

A

B

B

C

C

D

D



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32-bit STM32 MCU module

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Sheet: /

File: BB3plus CM5 STM32H7 module.kicad_sch

Title: EEZ BB3+ STM32H7 CM5 module

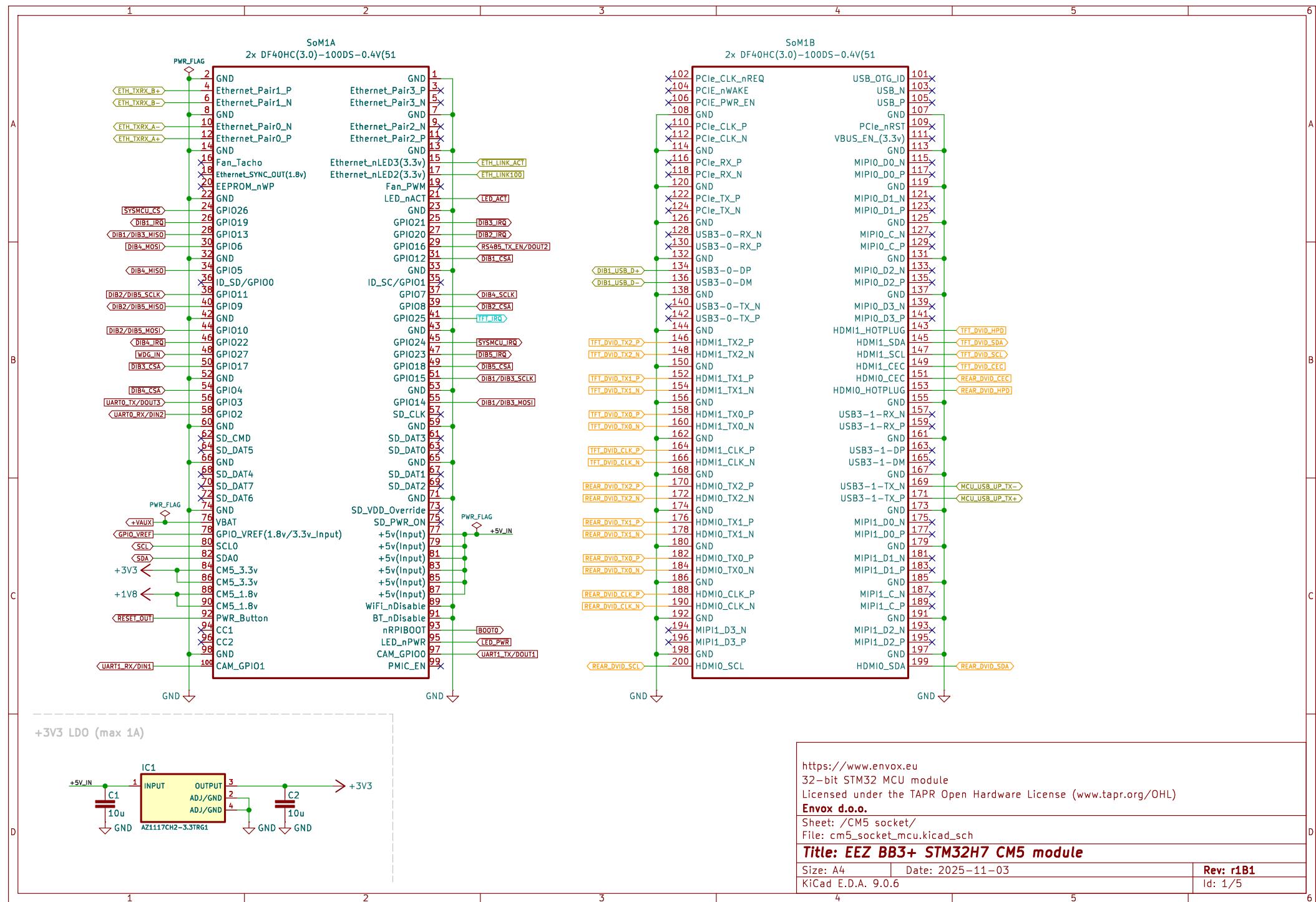
Size: A4 Date: 2025-11-03

KiCad E.D.A. 9.0.6

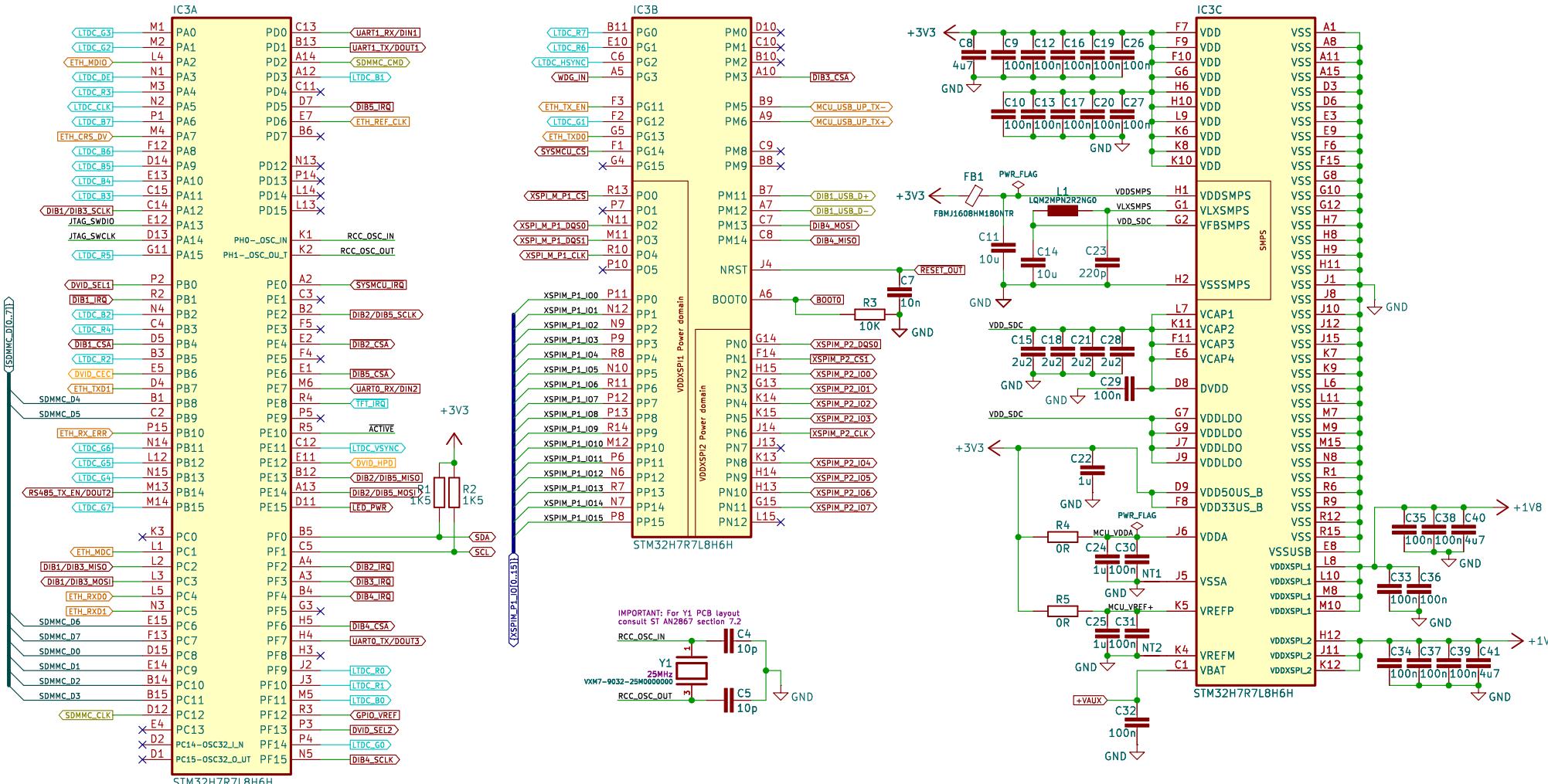
Rev: r1B1

Id: 1/5

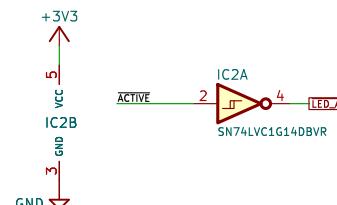
1 2 3 4 5 6



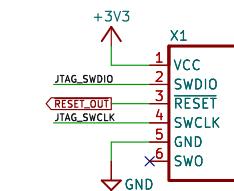
32-bit dual core MCU



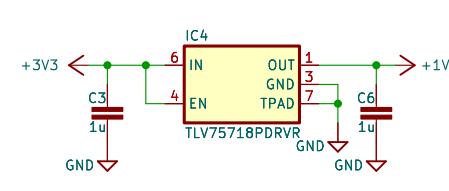
LED Active buffer



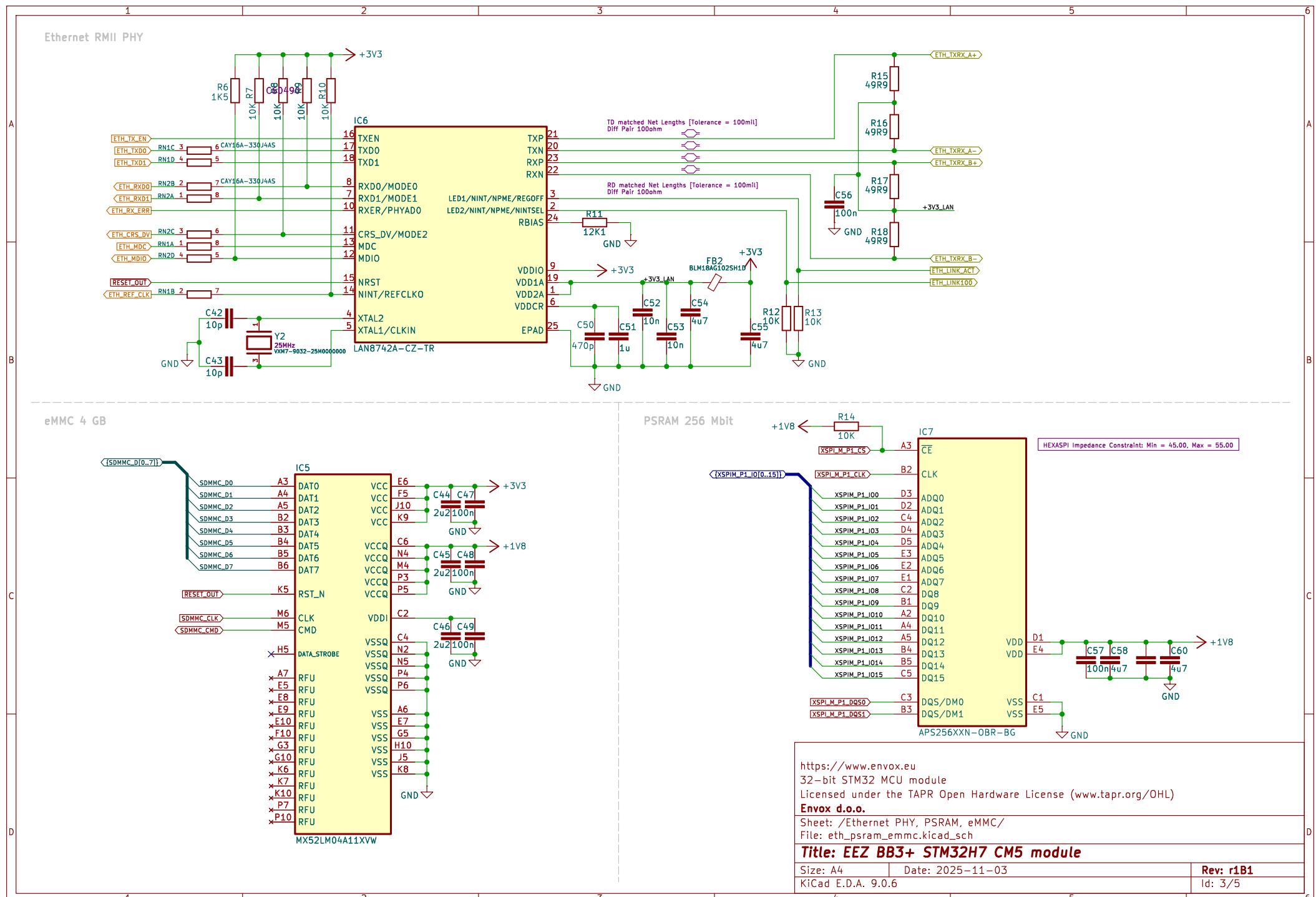
JTAG connector

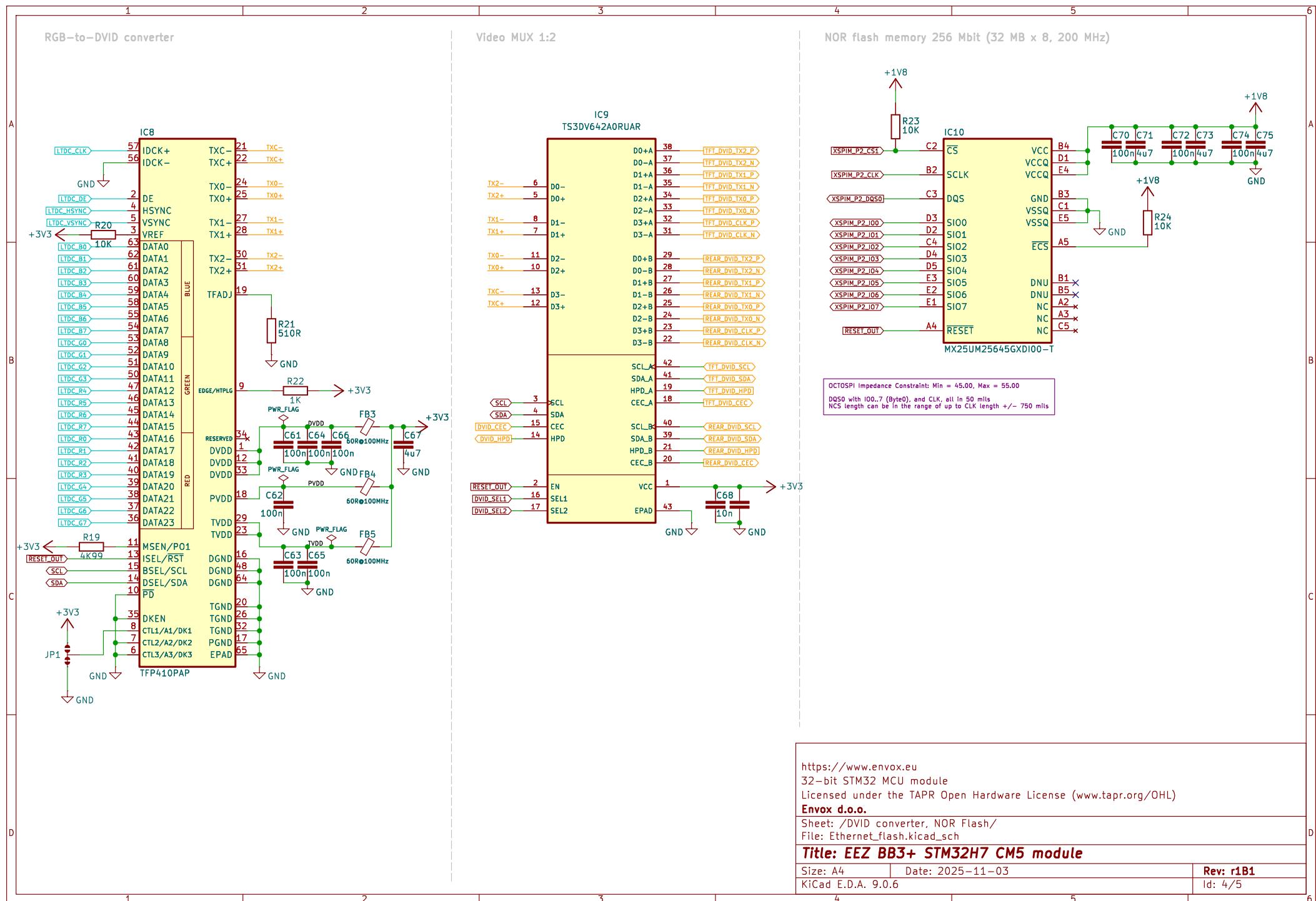


+1V8 LDO (max 1A)



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 Sheet: /STM32H7 MCU/
 File: STM32H7_MCU.kicad_sch
Title: EEZ BB3+ STM32H7 CM5 module
 Size: A4 Date: 2025-11-03
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 Rev: r1B1
 Id: 2/5





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Sheet: /DVID converter, NOR Flash/
File: Ethernet_flash.kicad_sch

Title: EEZ BB3+ STM32H7 CM5 module

Size: A4 Date: 2025-11-03

KiCad E.D.A. 9.0.6

Rev: r1B1

Id: 4/5