

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



<https://www.envox.eu>  
32-bit STM32 MCU module

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**Envox d.o.o.**

Sheet: /

File: BB3plus CM5 STM32H7 module.kicad\_sch

**Title: EEZ BB3+ STM32H7 CM5 module**

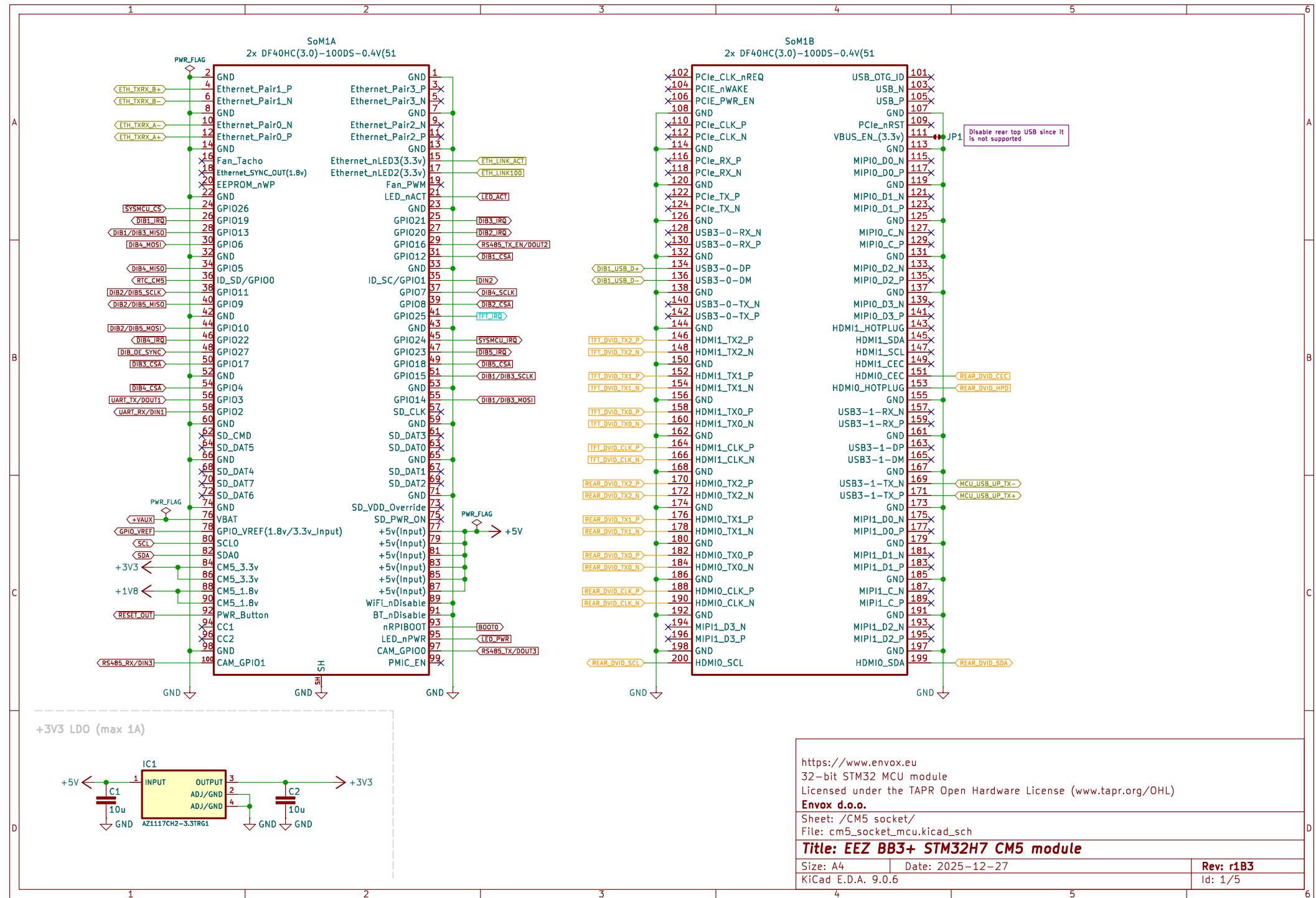
Size: A4 Date: 2025-12-27

KiCad E.D.A. 9.0.6

**Rev: r1B3**

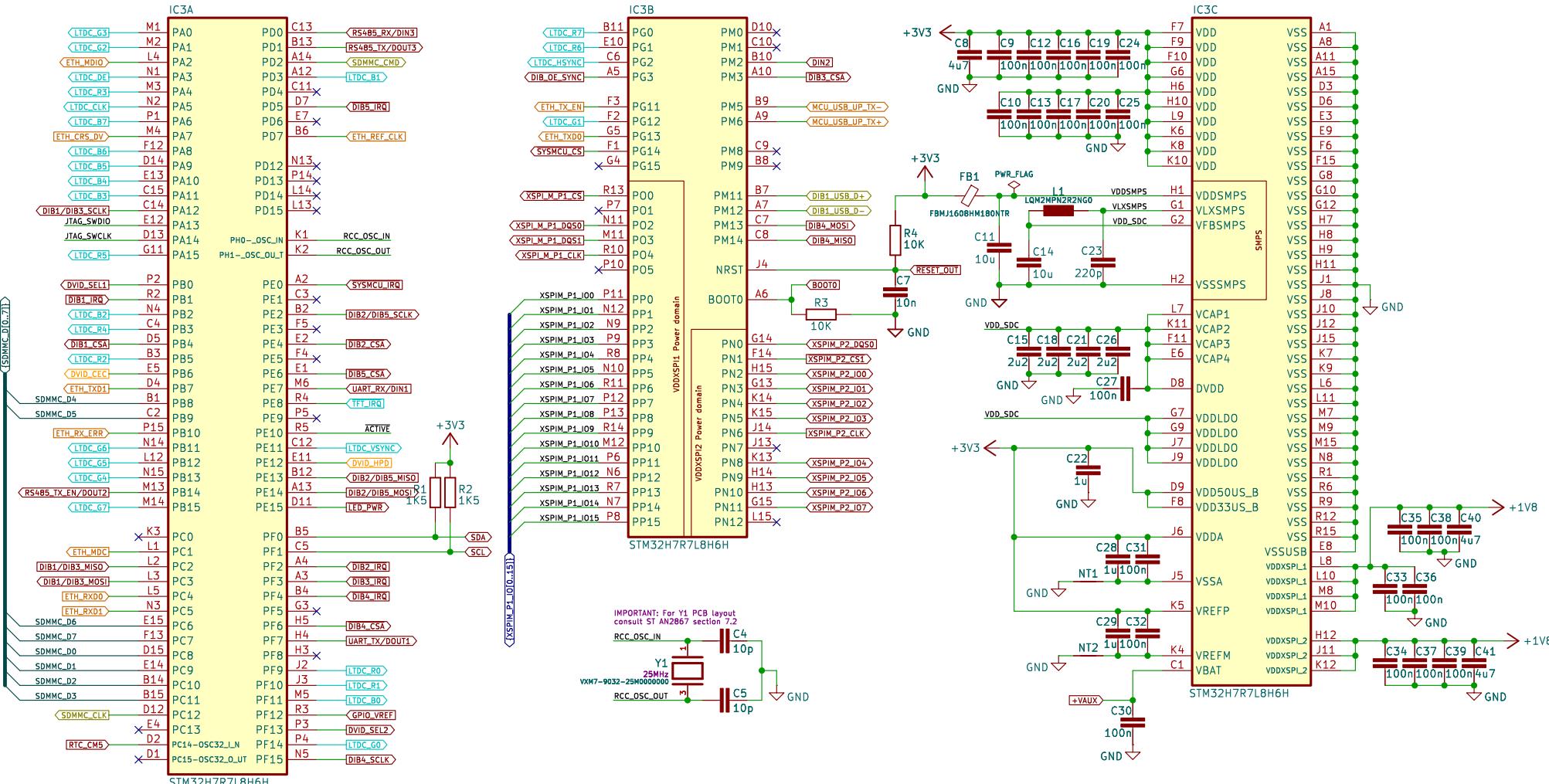
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1 2 3 4 5 6

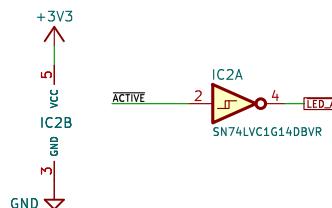


1 2 3 4 5 6

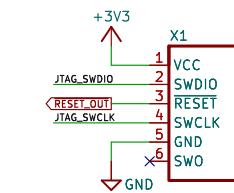
32-bit dual core MCU



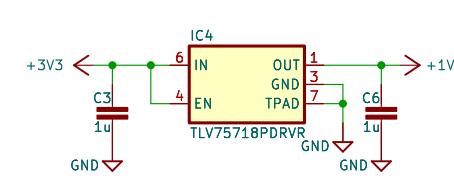
LED Active buffer



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: 2025-12-27

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Rev: r1B3

Id: 2/5

