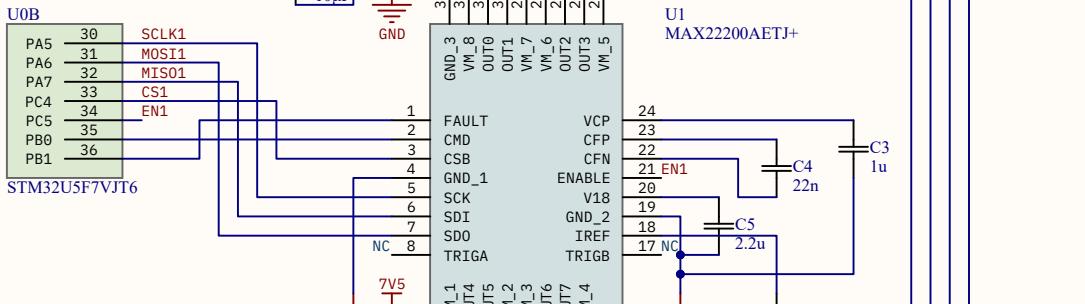
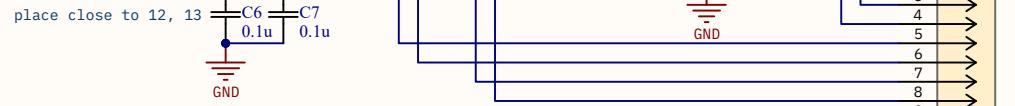


A



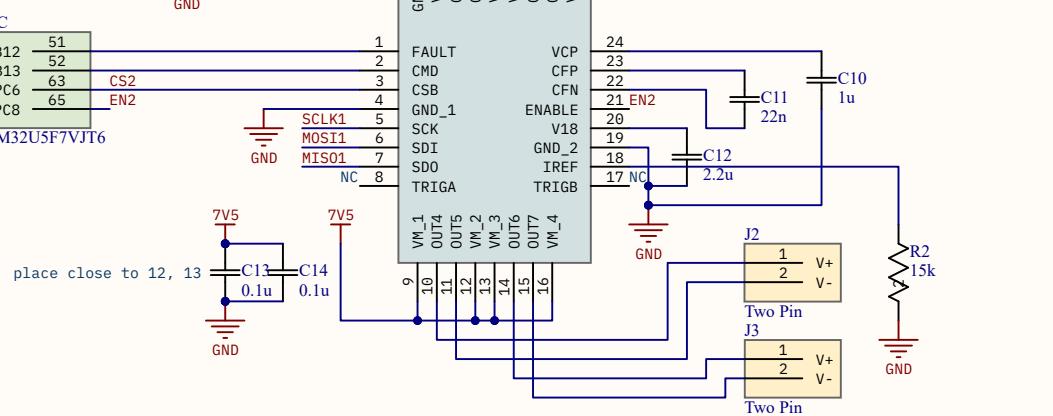
B



C



D

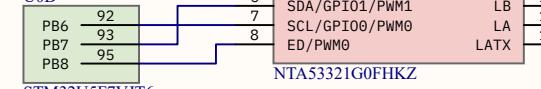


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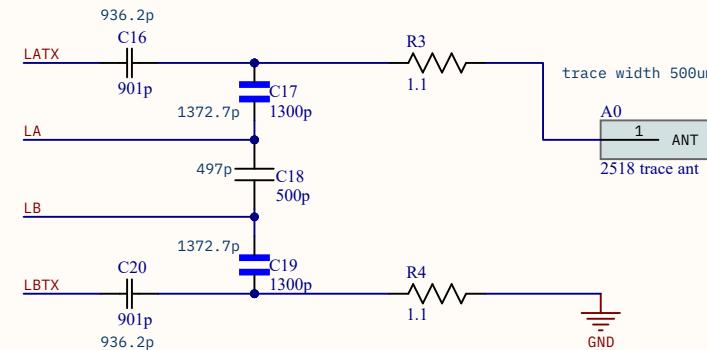
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3

4



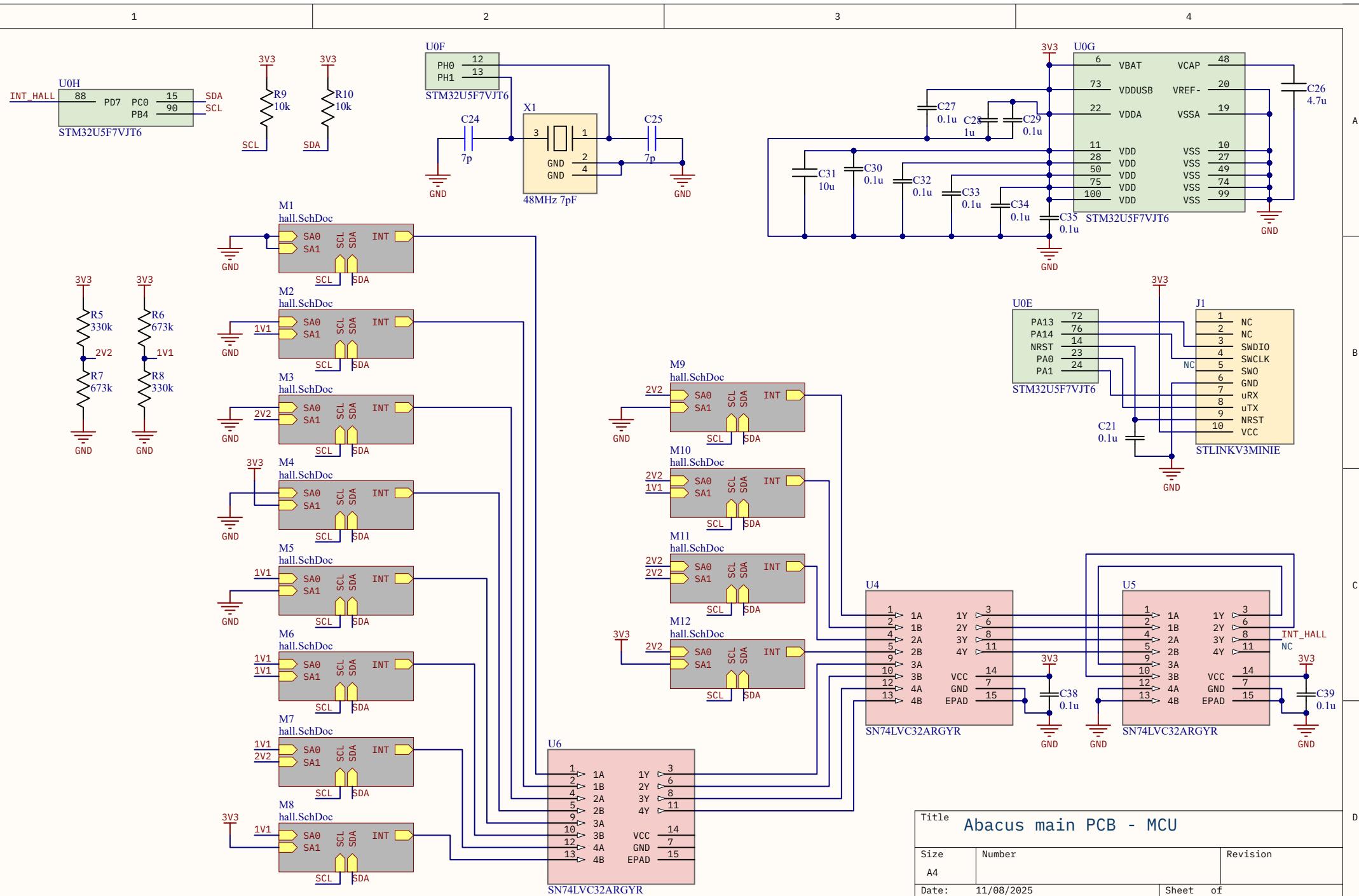
GND_2 \rightarrow GND_1 under chip
route LA/LB away from pwr

M1
mcu.SchDoc

Title Abacus main pcb

Size	Number	Revision
A4		
Date: 11/08/2025	Sheet of	
File: C:\Users\..\main.SchDoc		Drawn By: Pos Cheng

4



Title Abacus main PCB - MCU

Size	Number	Revision
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Date:	11/08/2025	Sheet of
File:	C:\Users\...\mcu.SchDoc	Drawn By: Posheng Cheng

A

A

B

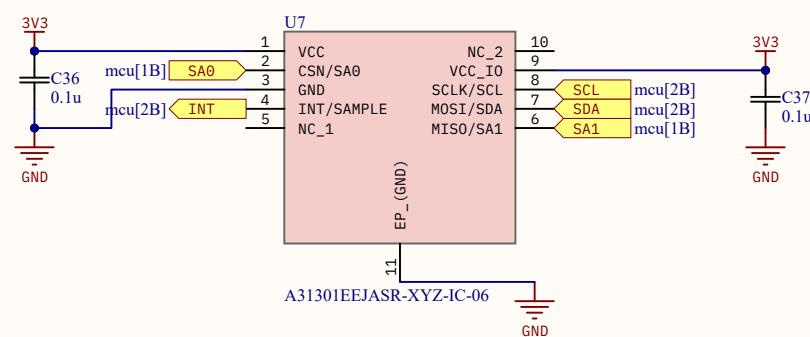
B

C

C

D

D



Title Abacus main pcb - Hall sensors

Size	Number	Revision
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Date:	11/08/2025	Sheet of
File:	C:\Users\..\hall.SchDoc	Drawn By: Posheng Cheng