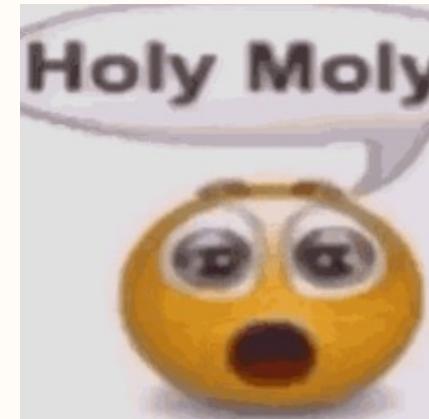
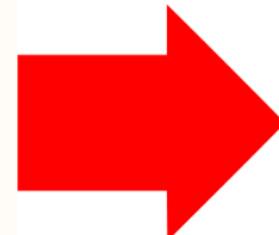
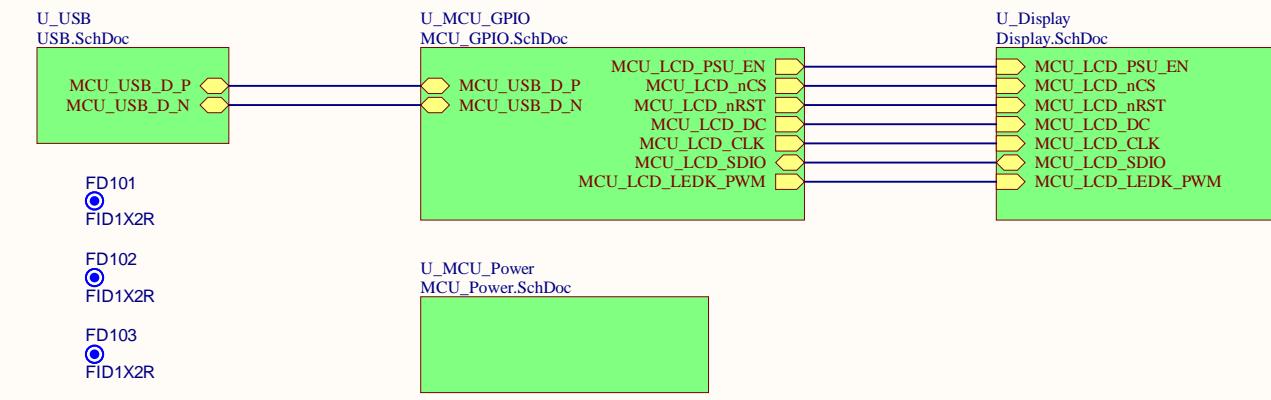


## Kerst 2025 Mantel Clock

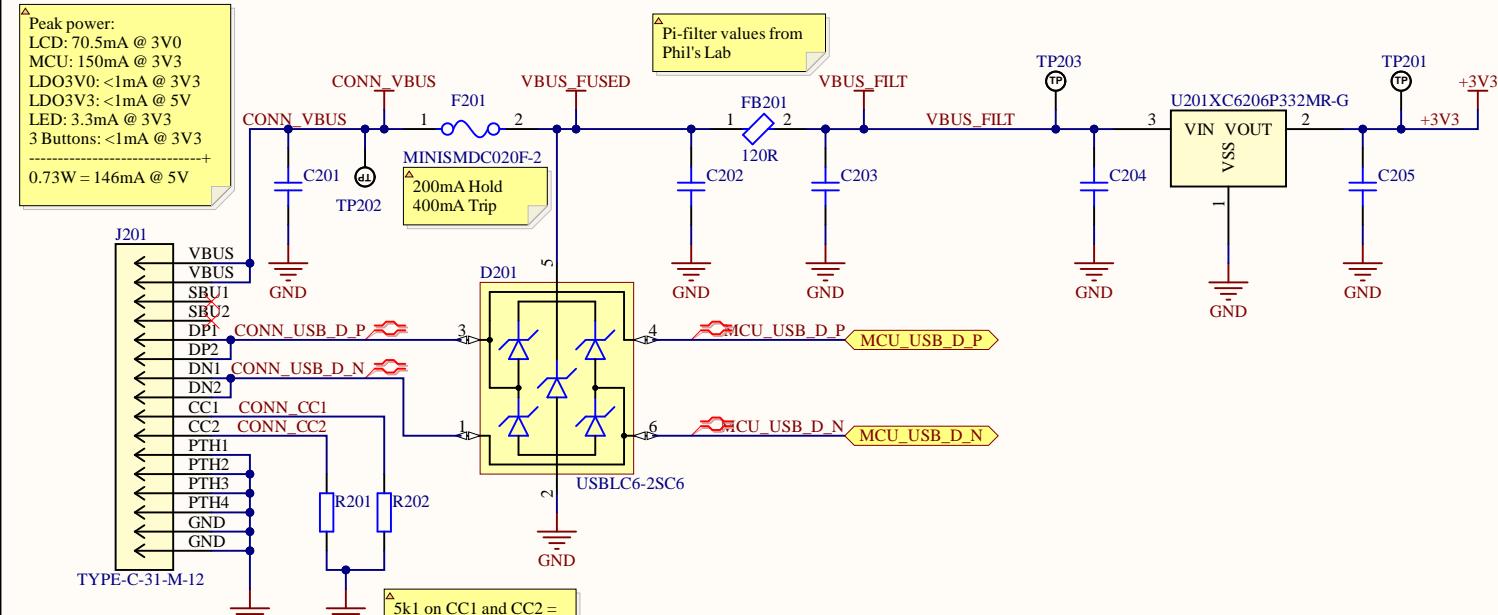


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Size	Number	Revision
A4	<b>1</b>	v1.0
Date:	12/09/2025	Sheet 1 of 5
File:	C:\Users\...\Top_Kerst_2025.SchDoc	Drawn By:

A

A

### USB Type-C and power regulation



Links

<https://jlcpcb.com/api/file/downloadByFileSystemAccessId/8579707861620228096>

Title

### USB and Power

Size	Number	Revision
A4	2	v1.0
Date:	12/09/2025	Sheet 2 of 5
File:	C:\Users\...\USB.SchDoc	Drawn By:

A

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B

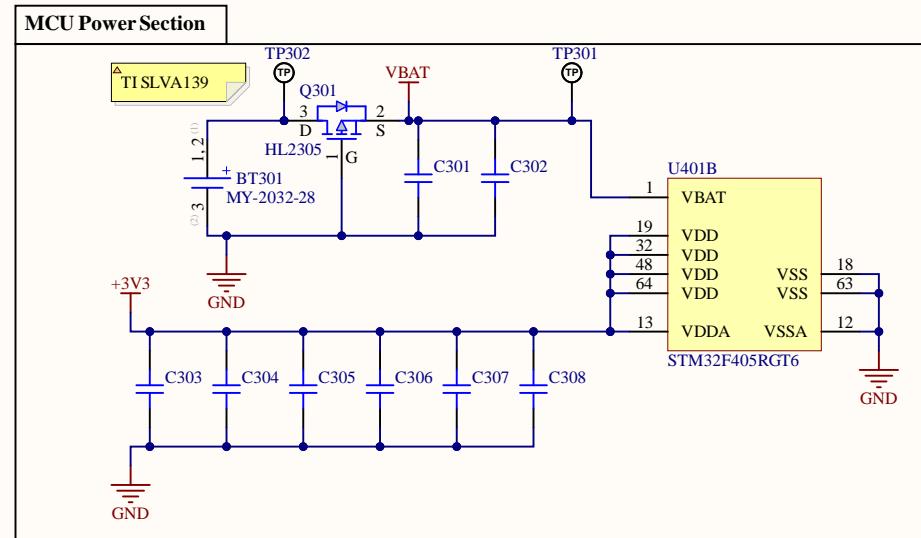
B

C

C

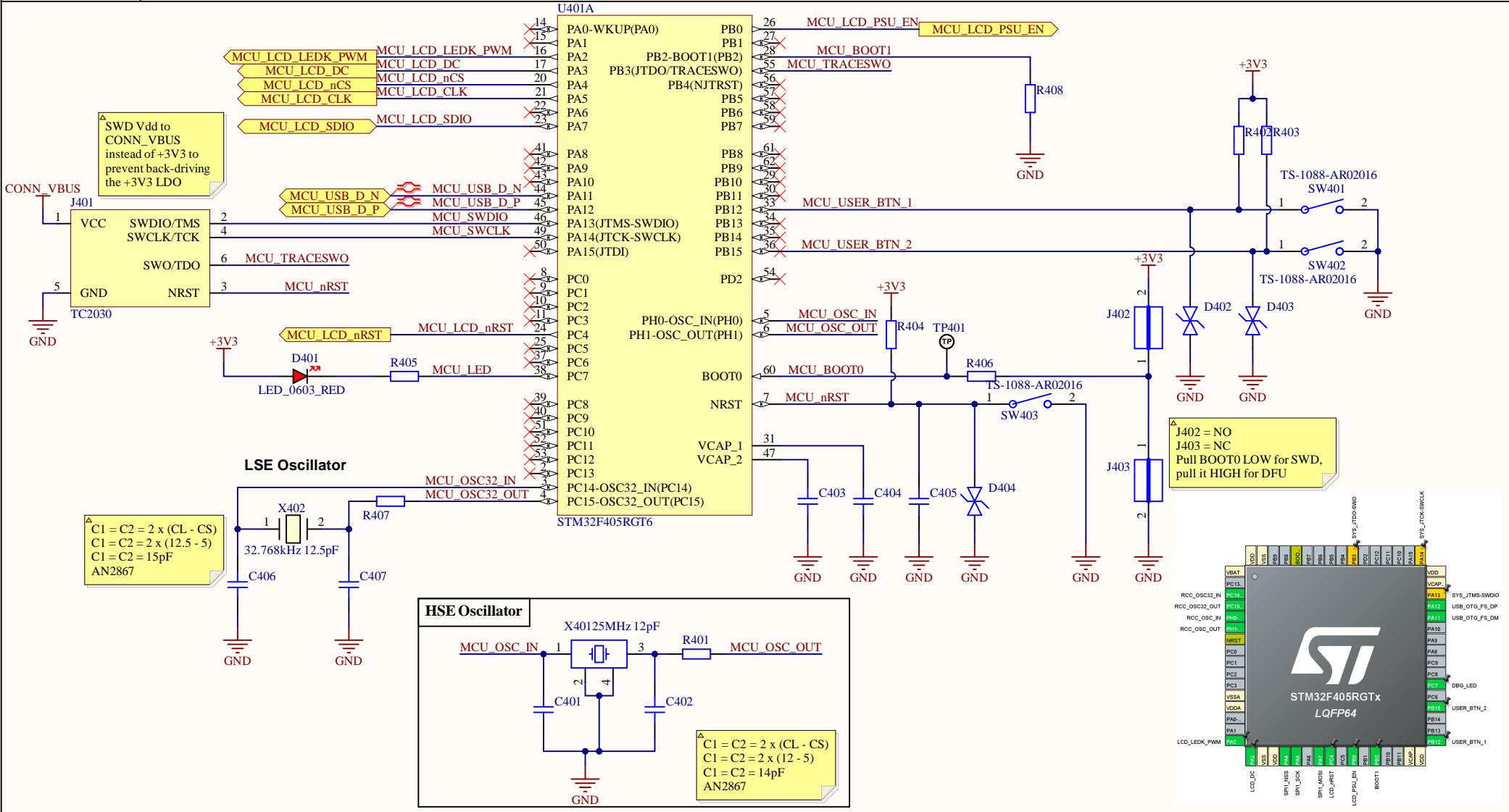
D

D

**Links**

[https://www.ti.com/lit/an/slva139/slva139.pdf?ts=1762852478366&ref\\_url=https%253A%252F%252Fwww.google.com%252F](https://www.ti.com/lit/an/slva139/slva139.pdf?ts=1762852478366&ref_url=https%253A%252F%252Fwww.google.com%252F)

Title		
Size	Number	Revision
A4	<b>3</b>	v1.0
Date:	12/09/2025	Sheet 3 of 5
File:	C:\Users\...\MCU_Power.SchDoc	Drawn By:

**Main MCU section**

A

A

B

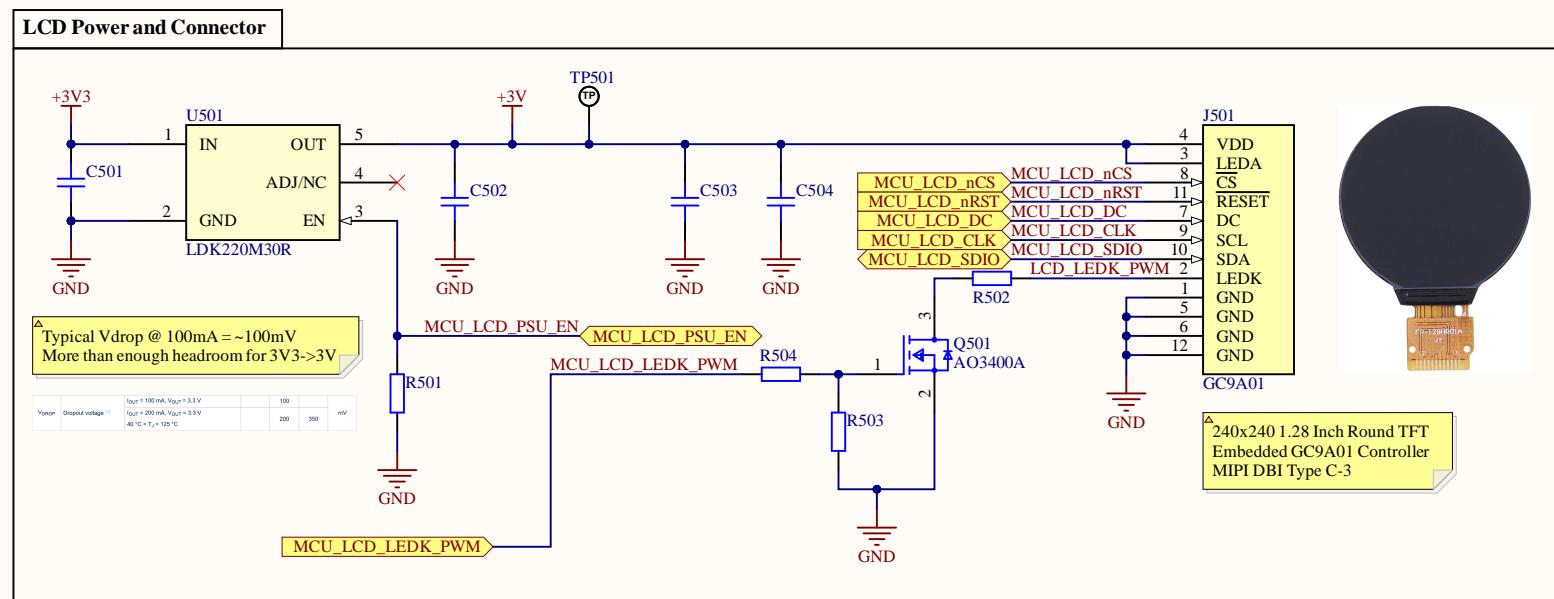
B

C

C

D

D

**Links**

<https://www.st.com/resource/en/datasheet/ldk220.pdf>

[https://www.elecrow.com/download/1.28\\_inch\\_round\\_LCD\\_datasheet.pdf](https://www.elecrow.com/download/1.28_inch_round_LCD_datasheet.pdf)

Title

**Display**

Size

A4

Number

**5**

Revision

**v1.0**

Date: 12/09/2025

Sheet 5 of 5

File: C:\Users...\Display.SchDoc

Drawn By: