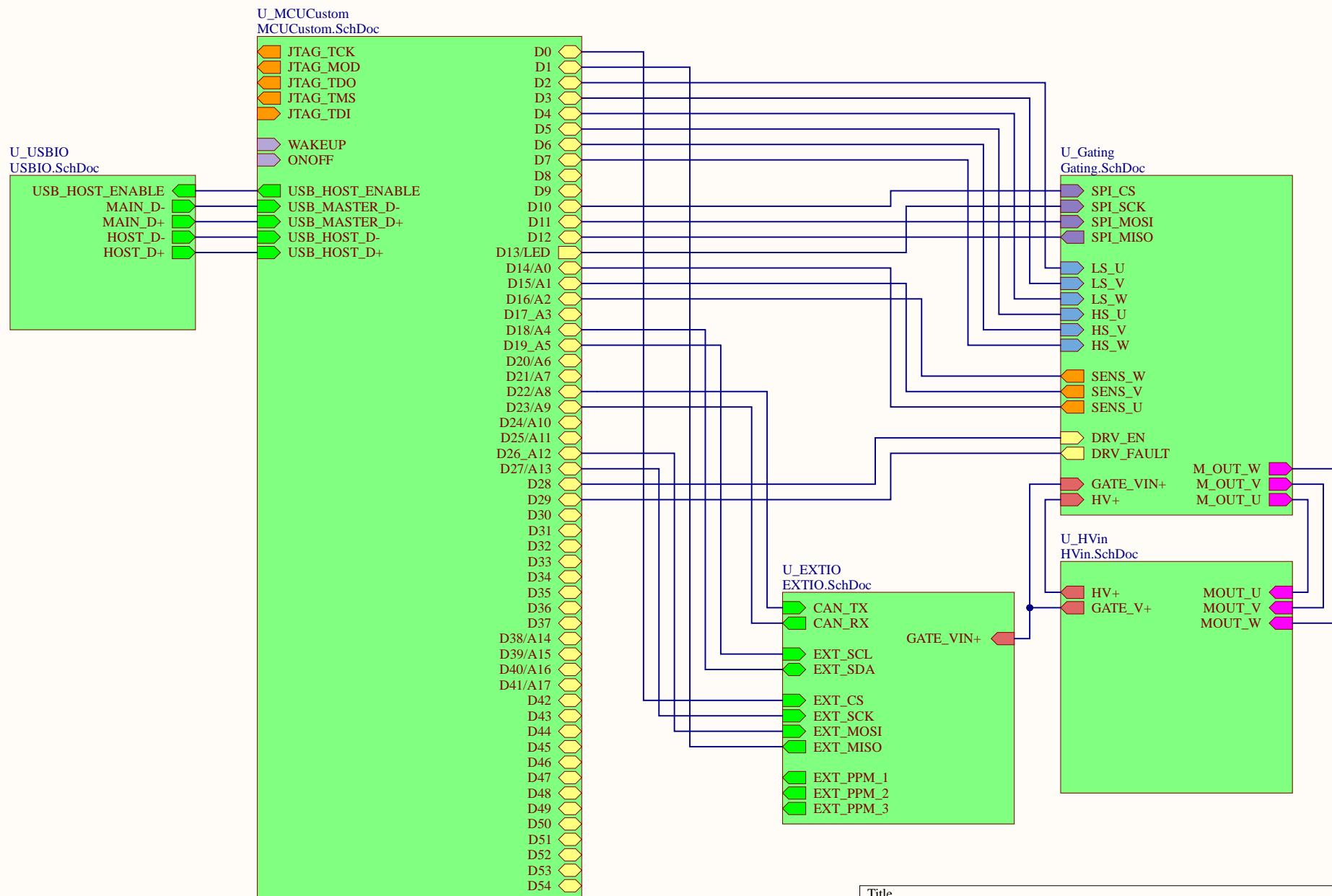


A

A



B

B

C

C

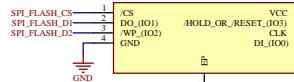
D

D

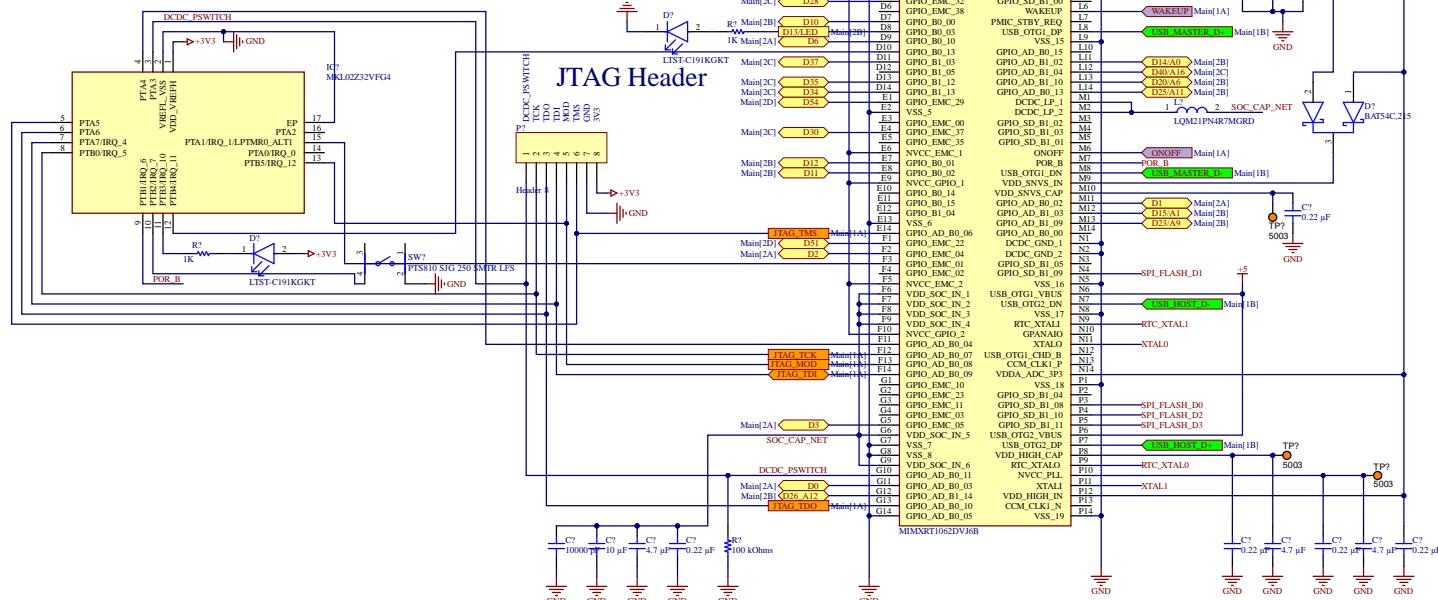
Title

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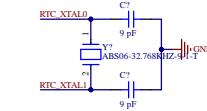
Flash Memory: W25Q64JVXGIM



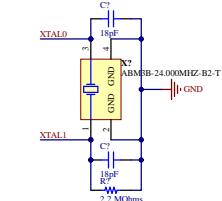
Bootloader: MKL02Z32VFG4



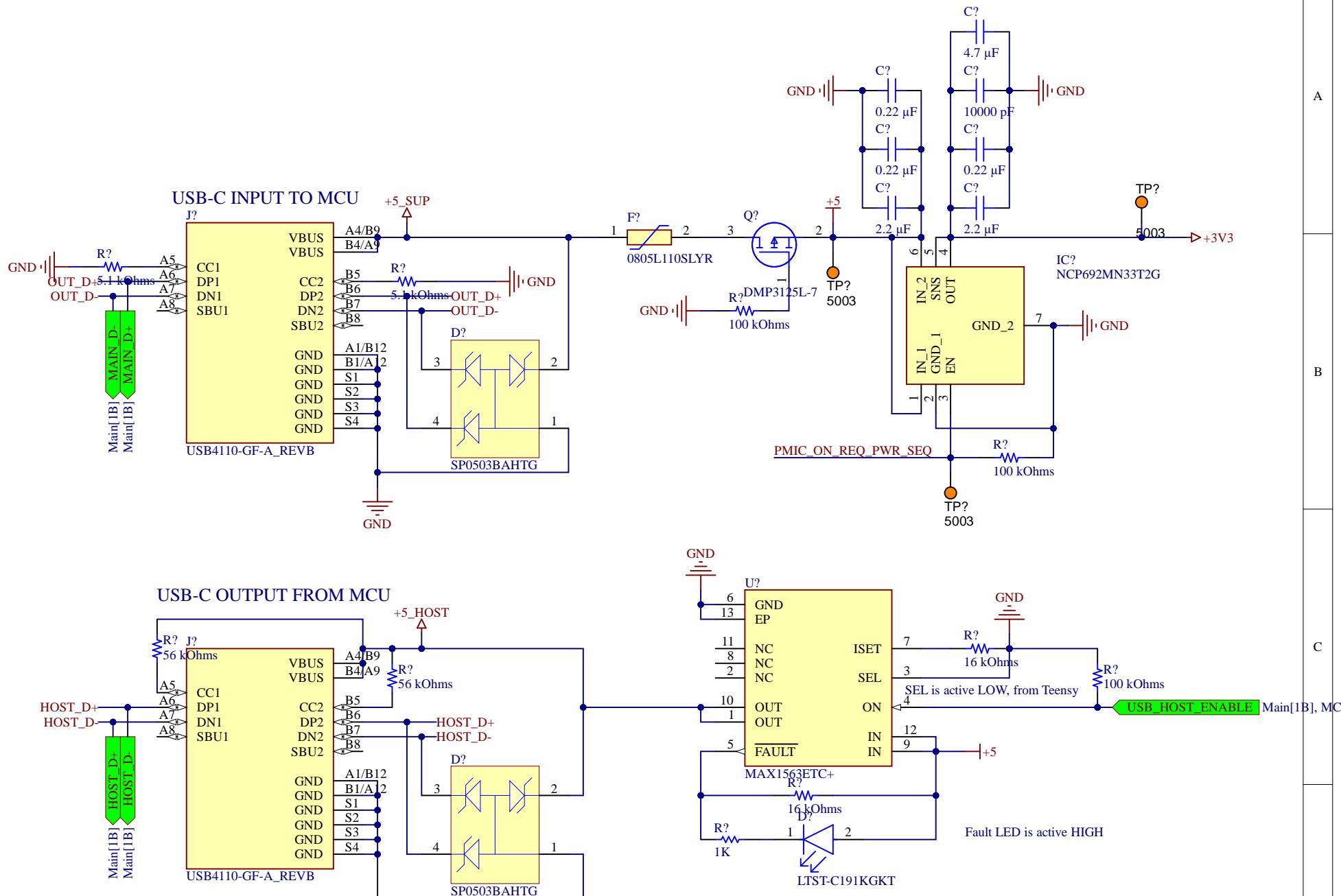
RTC Crystal



Main Crystal

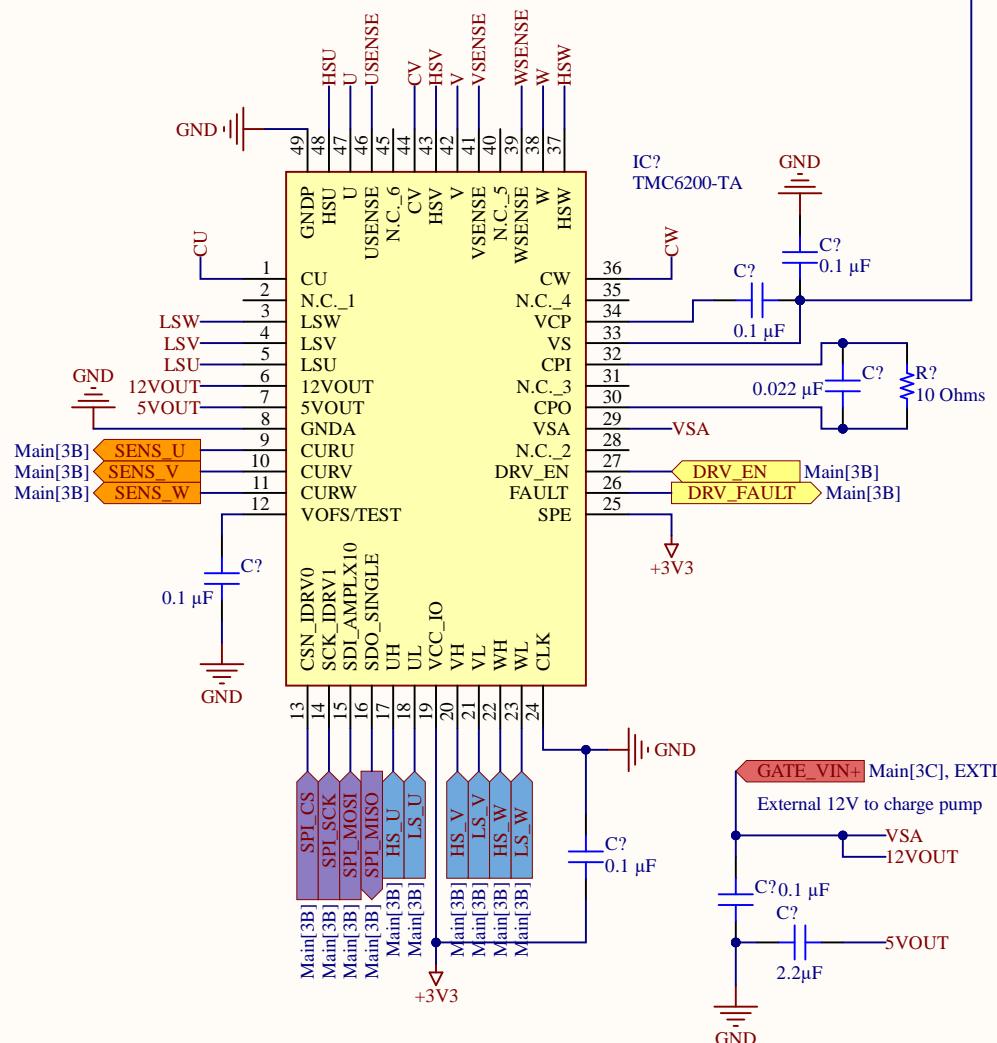


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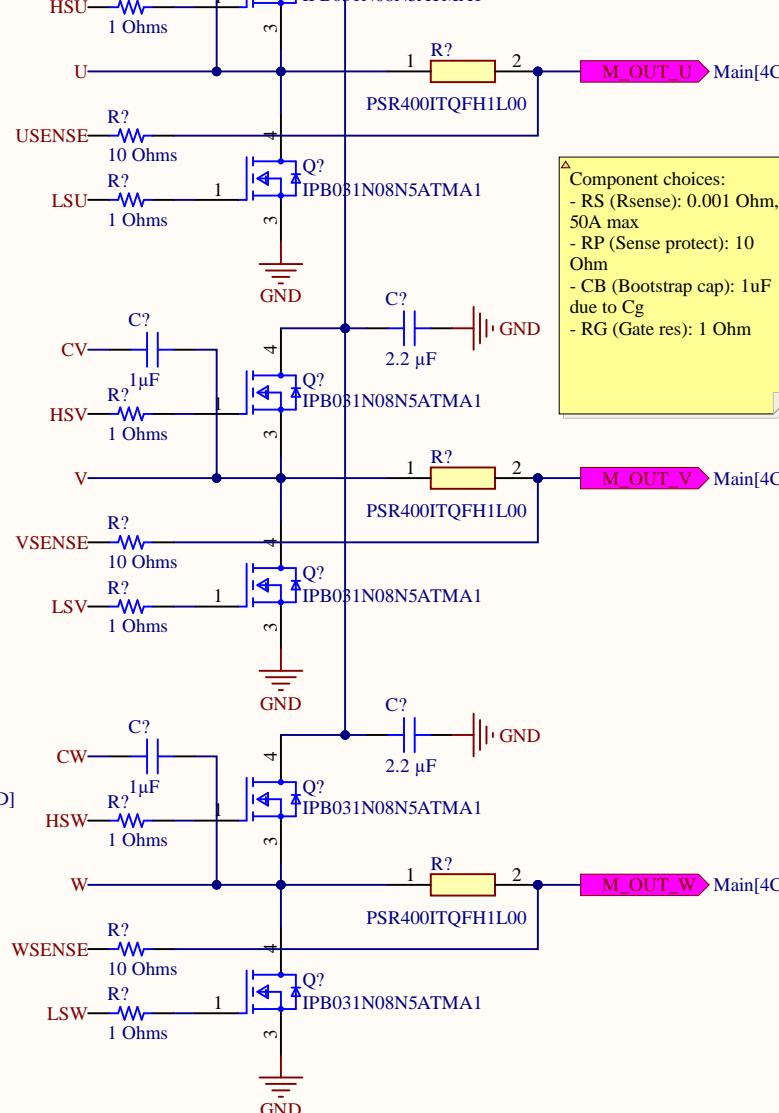


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Date:	2/07/2023	Sheet of
File:	C:\Users\MSRBIO.SchDoc	Drawn By:

TMC6200 Gate Driver



MOSFET Drivers



Component choices:

- RS (Rsense): 0.001 Ohm, 50A max
- RP (Sense protect): 10 Ohm
- CB (Bootstrap cap): 1uF due to Cg
- RG (Gate res): 1 Ohm

Title

Size	Number	Revision
A		

Date: 2/07/2023

File: C:\Users\.\Gating.SchDoc

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Drawn By:

A

A

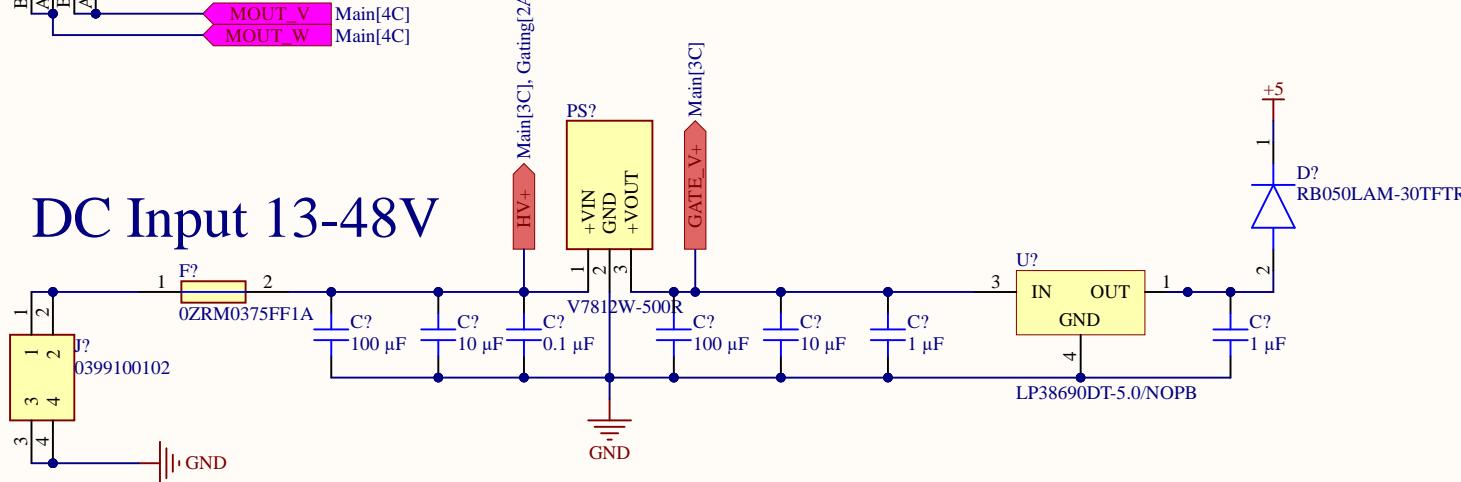
Motor Output



B

B

DC Input 13-48V



C

C

D

D

Title

Size
A

Number

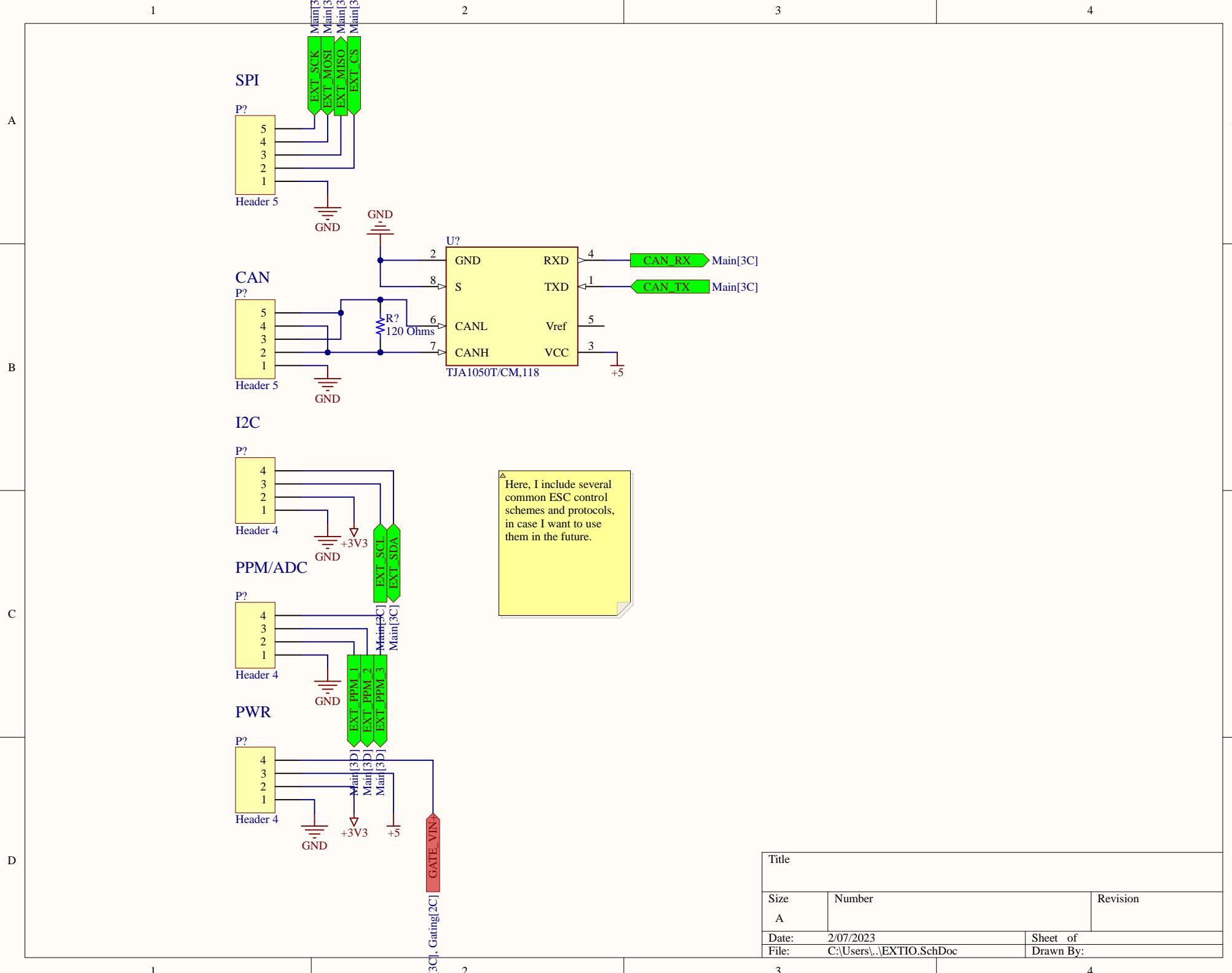
Revision

Date: 2/07/2023

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Drawn By:



Board Stack Report