

	1	2	3	4	5	6
A						
B						
C						
D						
	1	2	3	4	5	6

POWER



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MCU



File: MCU.kicad_sch

IO



File: IO.kicad_sch

ANALOG



File: ANALOG.kicad_sch

INTERFACE



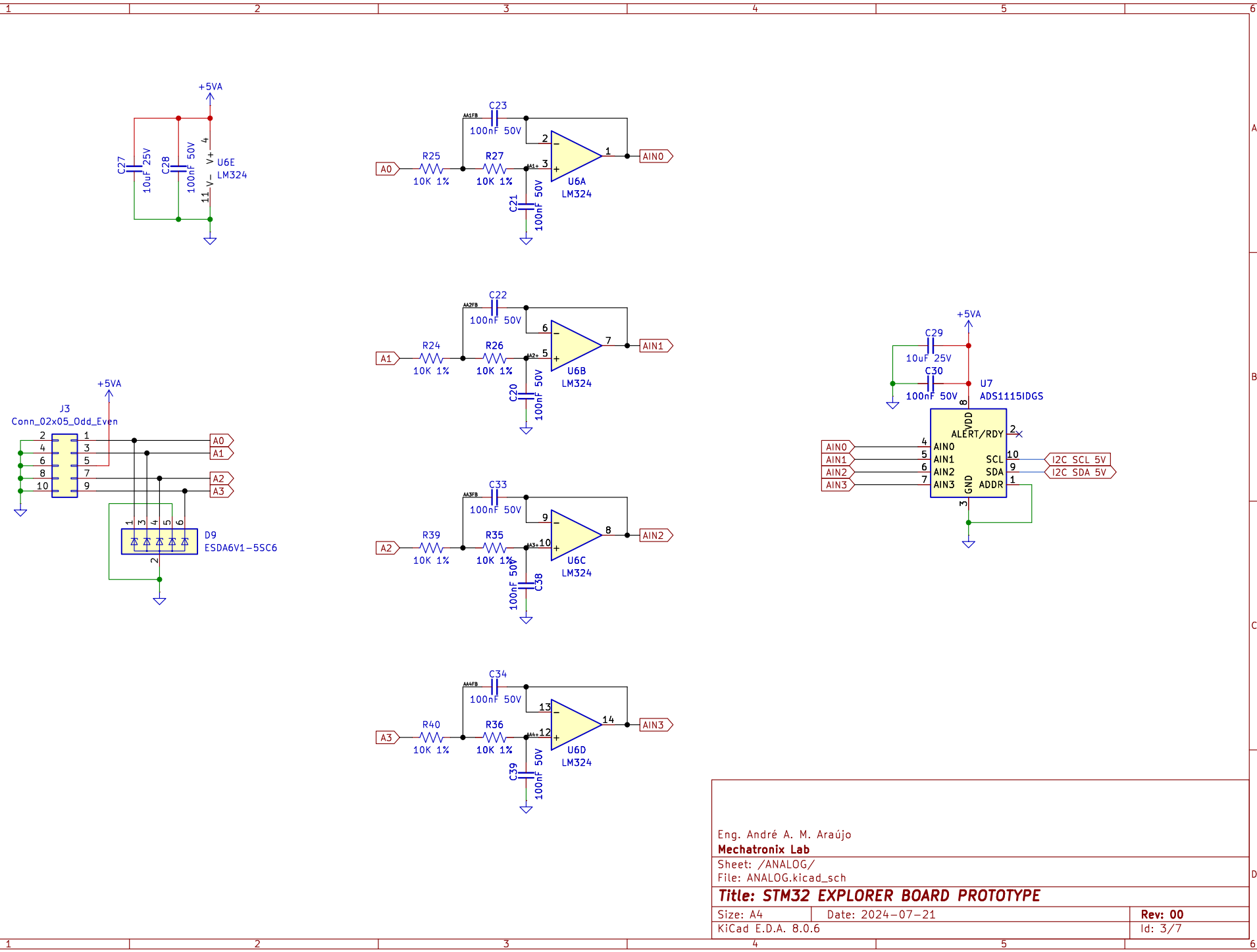
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MECHANICAL



File: MECHANICAL.kicad_sch

Eng. André A. M. Araújo		
Mechatronics Lab		
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Title: STM32 EXPLORER BOARD PROTOTYPE		
Size: A4	Date: 2024-07-21	Rev: 00
KiCad E.D.A. 8.0.6	Id: 1/7	



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Title: STM32 EXPLORER BOARD PROTOTYPE

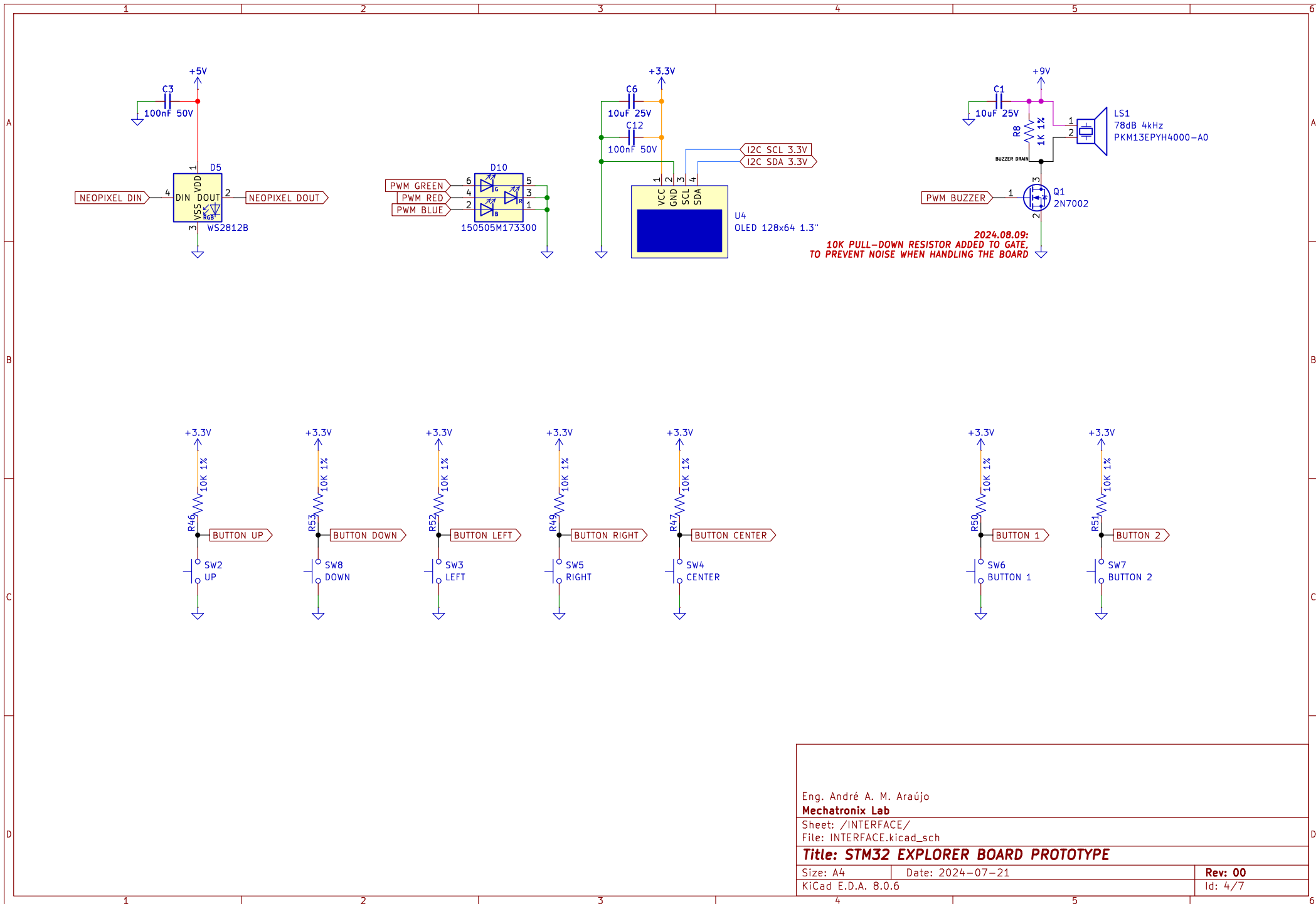
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Rev: 00

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Id: 3/7



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Sheet: /INTERFACE/

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Title: STM32 EXPLORER BOARD PROTOTYPE

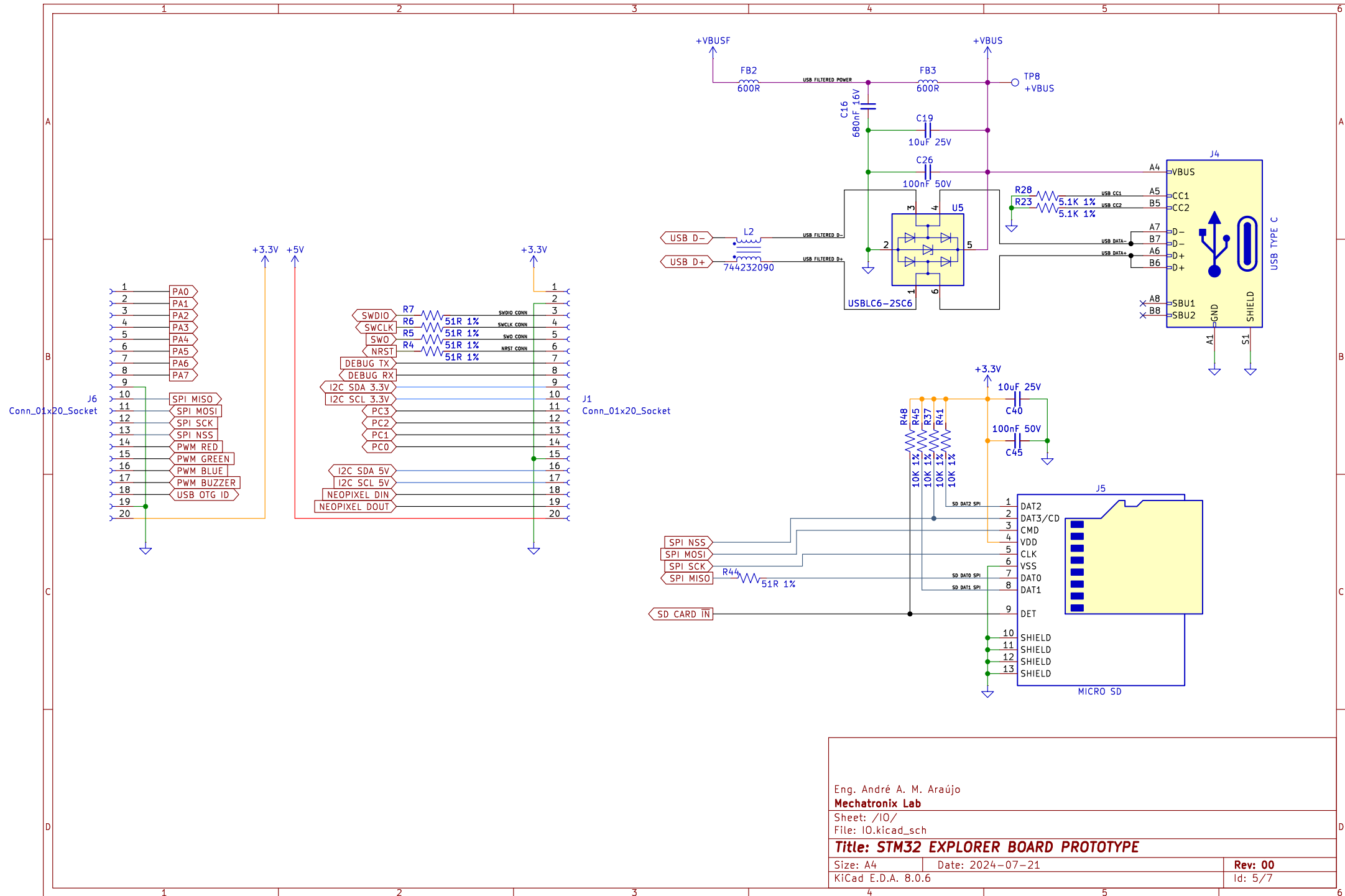
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Rev: 00

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Id: 4/7



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Sheet: /10/
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Title: STM32 EXPLORER BOARD PROTOTYPE

Size: A4 Date: 2024-07-21

KiCad E.D.A. 8.0.6

Rev: 00

Id: 5/7

we-online.com/en/components/products/WE-X TAL#/articles/CFPX-180

11151435_Seiko-SC-32S32-768kHz20PPM12-5pF_C97606.pdf

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File: MCU.kicad_sch

Title: STM32 EXPLORER BOARD PROTOTYPE

Size: A4 Date: 2024-07-21

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Rev: 00

Id: 6/7

H1
MountingHole

FID1
Fiducial

H2
MountingHole

FID2
Fiducial

H3
MountingHole

FID3
Fiducial

H4
MountingHole

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Sheet: /MECHANICAL/		
File: MECHANICAL.kicad_sch		
Title: STM32 EXPLORER BOARD PROTOTYPE		
Size: A4	Date: 2024-07-21	Rev: 00
KiCad E.D.A. 8.0.6	Id: 7/7	