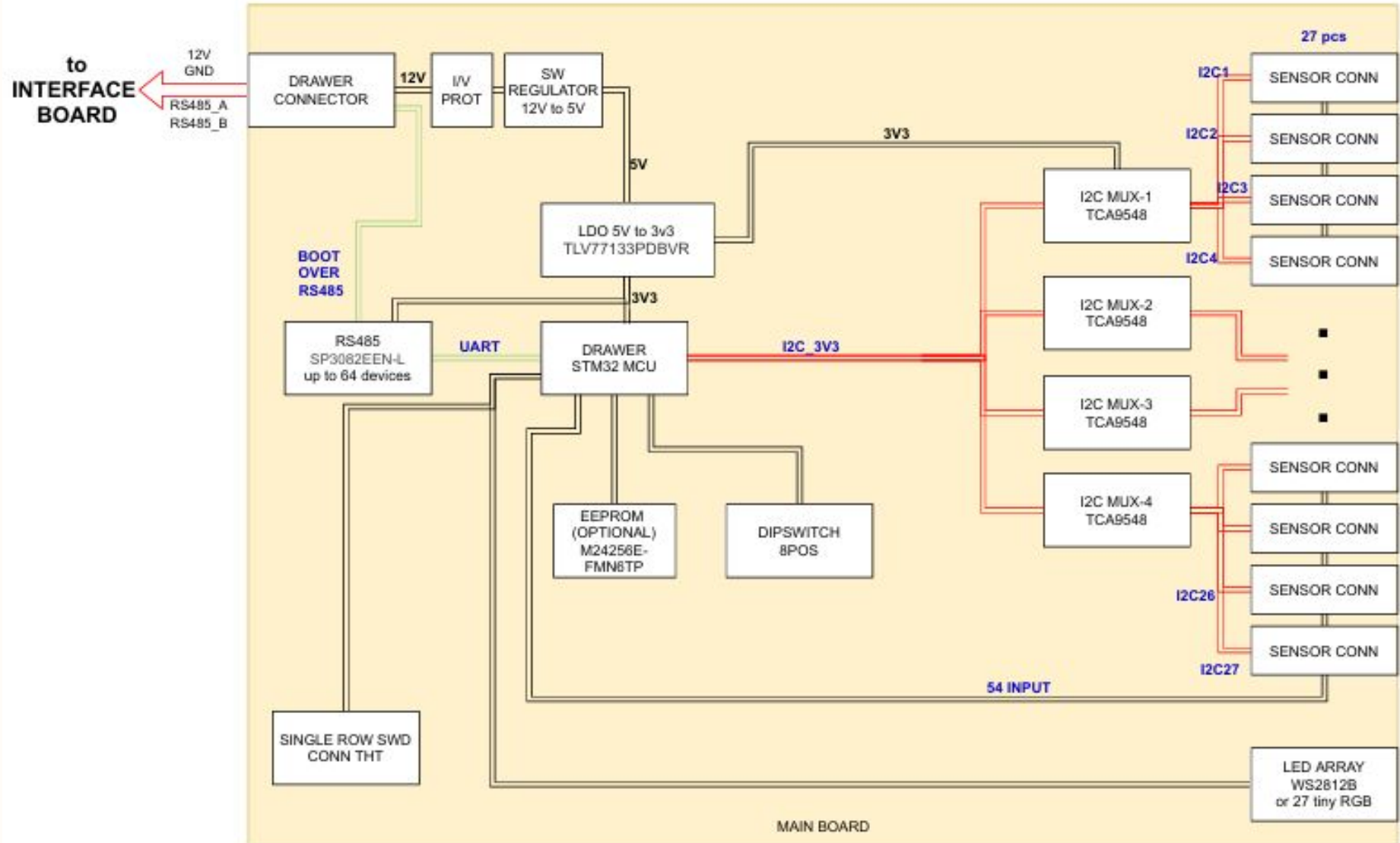
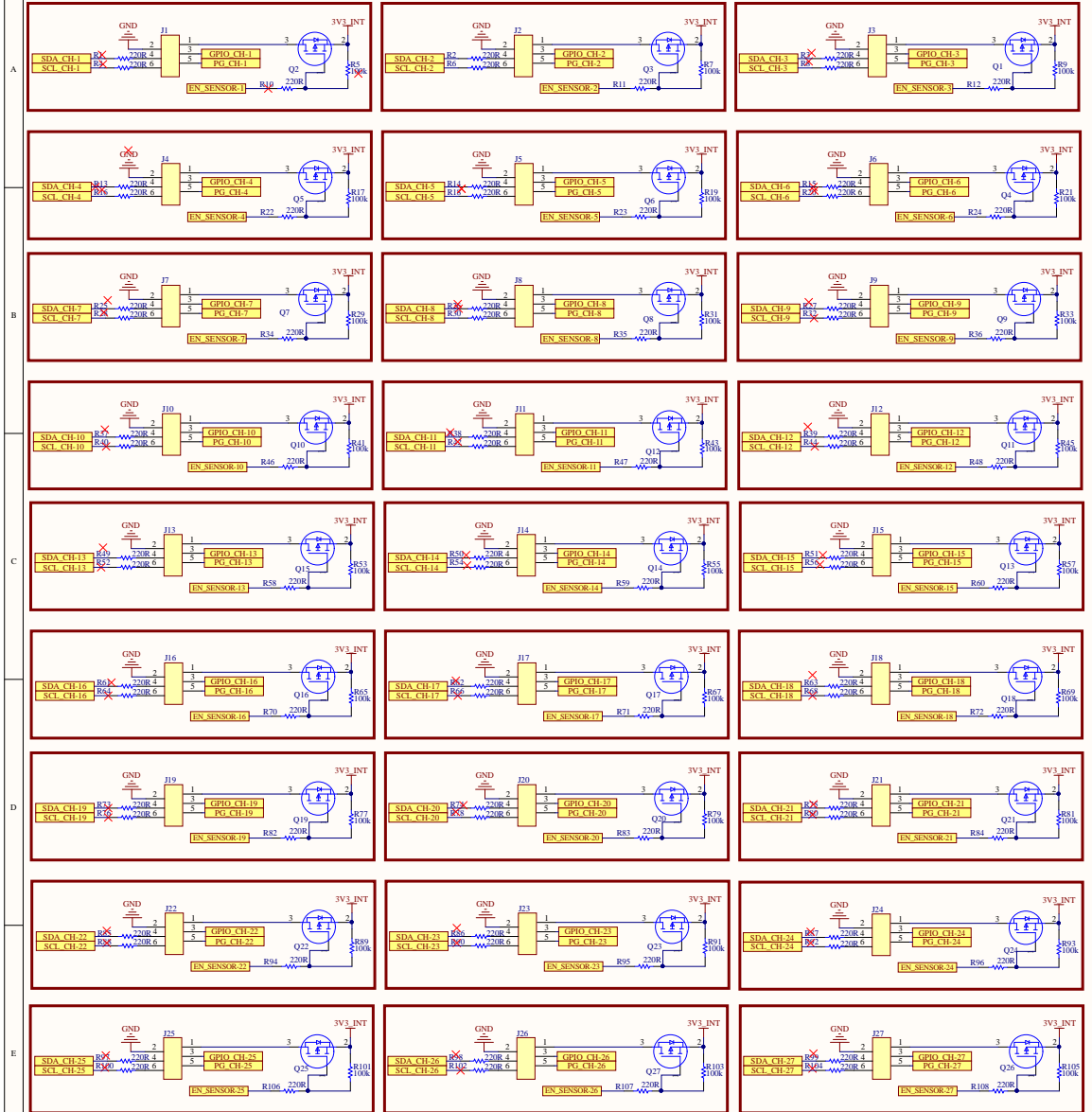


# DRAWER MAIN BAORD HW DIAGRAM

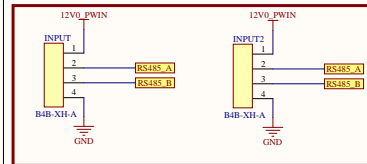


Title			
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Size	Number		Revision
A4			V01
Date:	10.03.2025	Sheet	of
File:	C:\Users\...\BLOCK_DIA.SchDoc	Drawn By:	MARELUX TECHNOLOGY

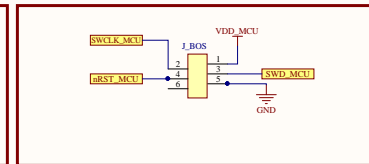
# SENSOR OUTPUT PORTs



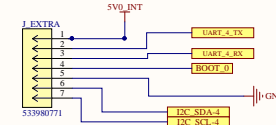
## POWER INPUT RS485 PORT



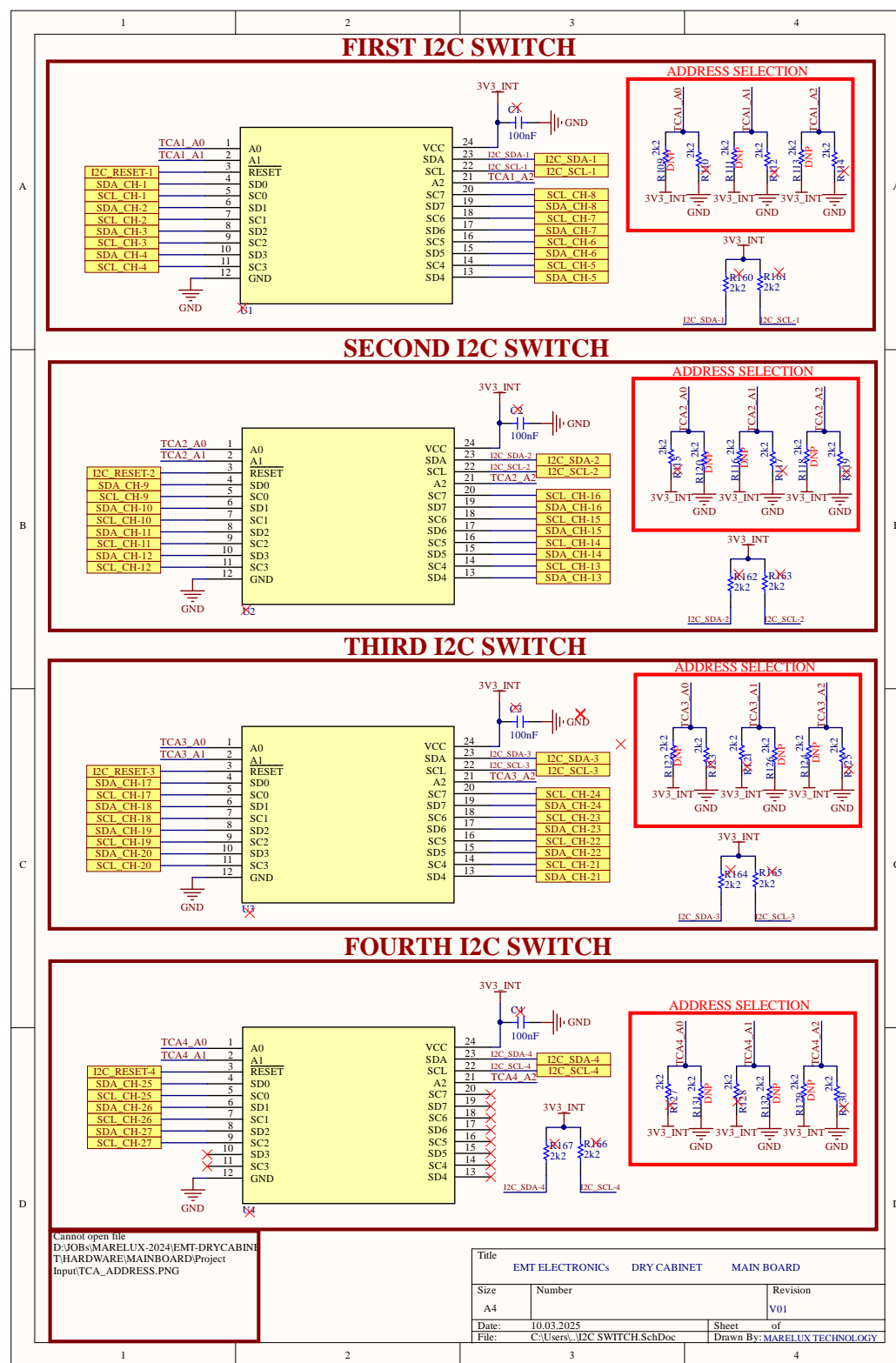
## PROGRAM PORT



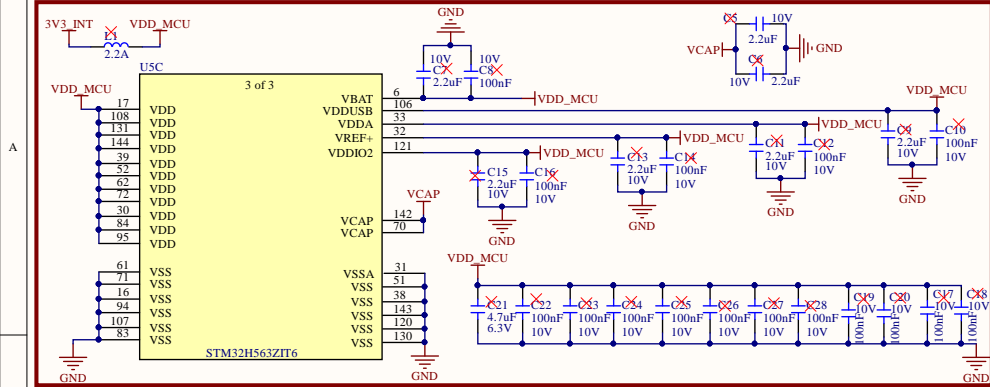
## EXTRA UART



Title	EMT ELECTRONICS	DRY CABINET	MAIN BOARD
Size	Number	Revision	
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Date:	10.03.2025	Sheet	of
File:	C:\Users\...CONNECTORS_SchDoc	Drawn By:	MARELUX TECHNOLOGY

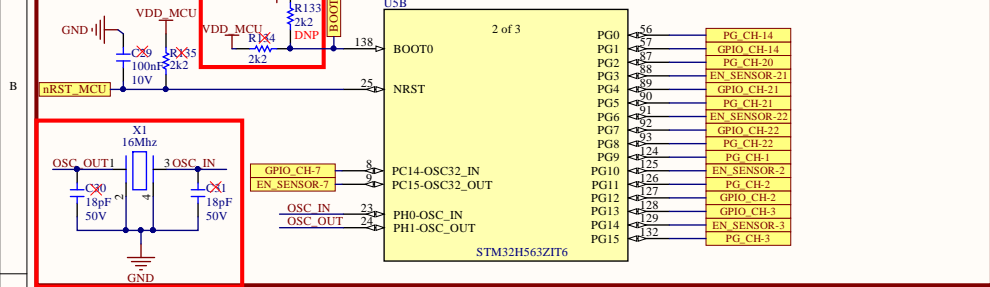


## POWER CONNECTIONs of MCU

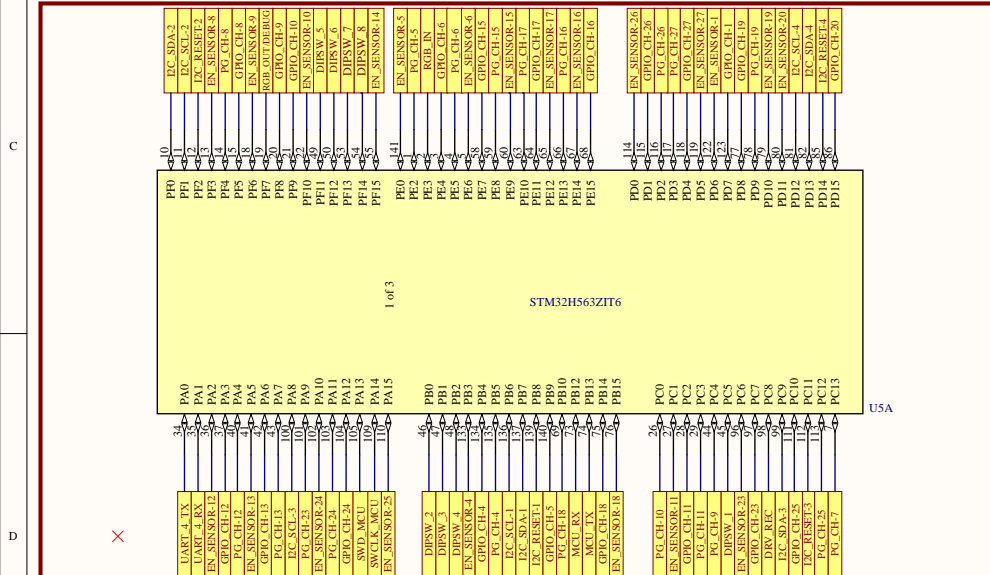


## CHECK the BOOT

### OPTIONS

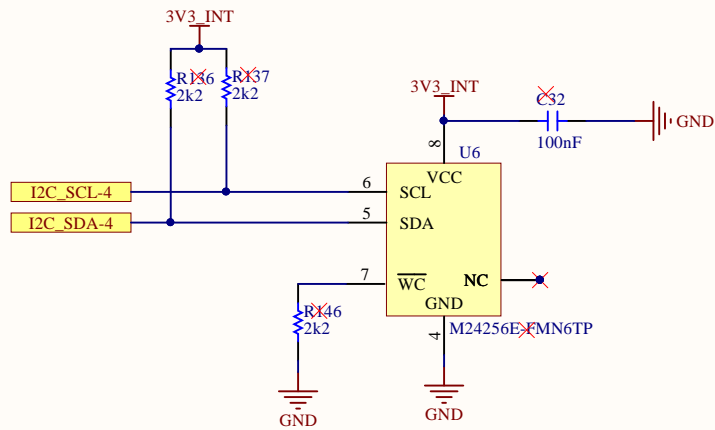


## DIGITAL CONNECTIONs of MCU

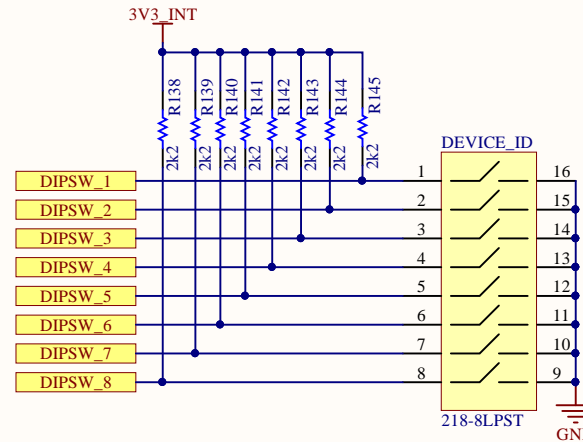


Title		
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Size	Number	Revision
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Date:	10.03.2025	Sheet of
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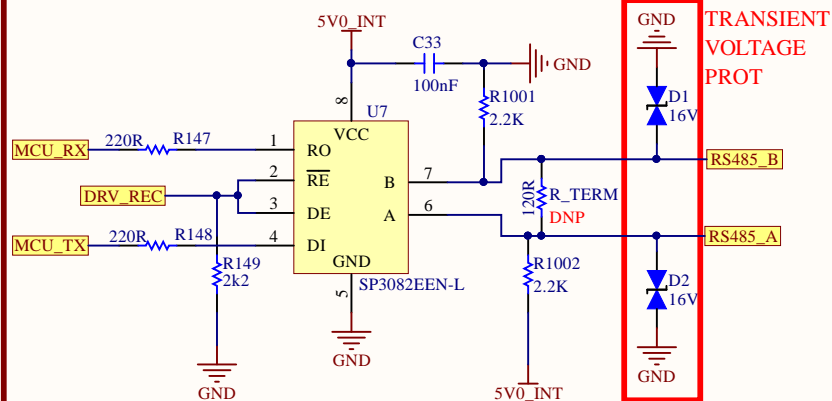
## I2C EEPROM



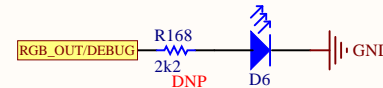
## DRAWER ID SELECTOR



## RS485 DEVICE (up to 64 nodes)

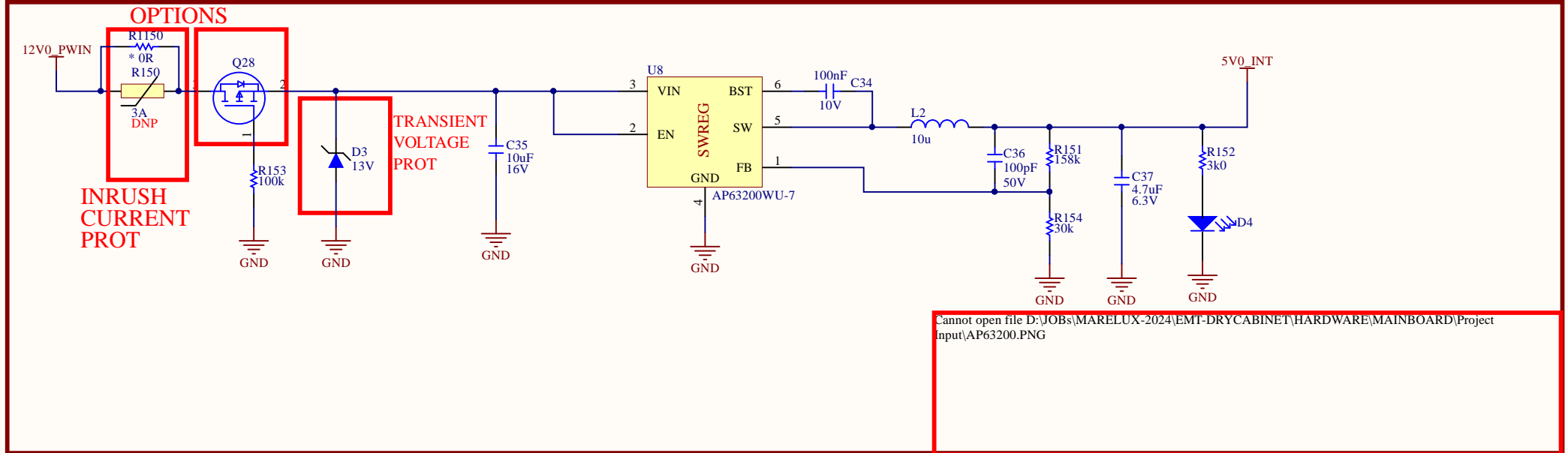


TRANSIENT  
VOLTAGE  
PROT

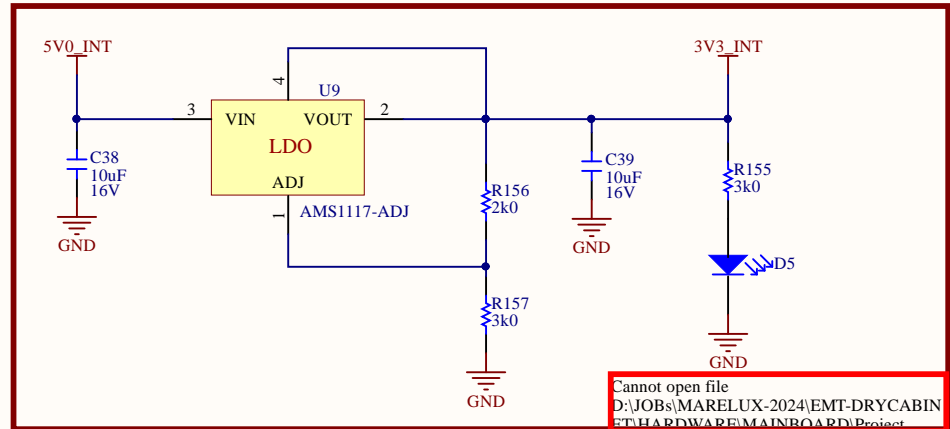


Title		
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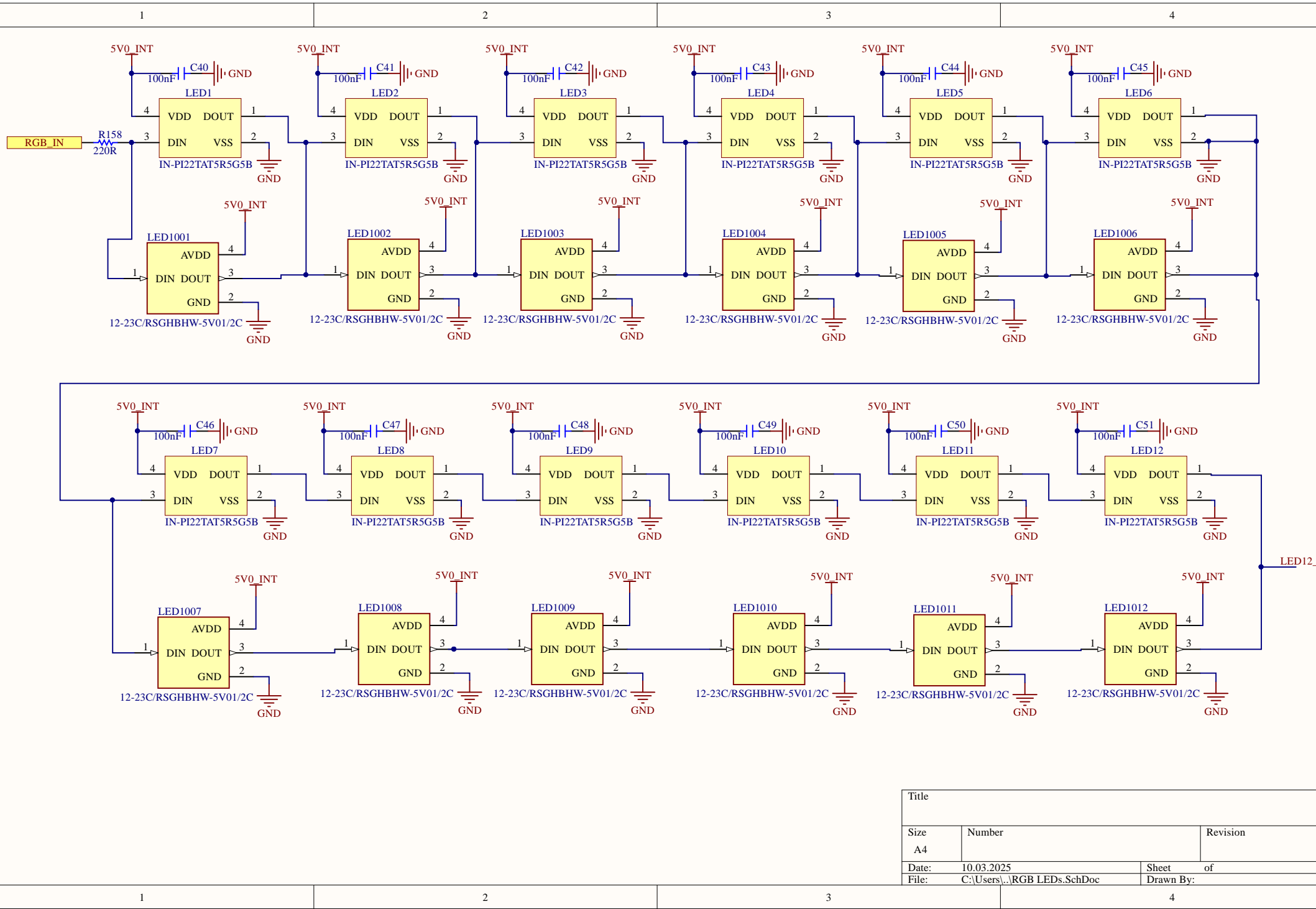
12V to 5V REGULATION

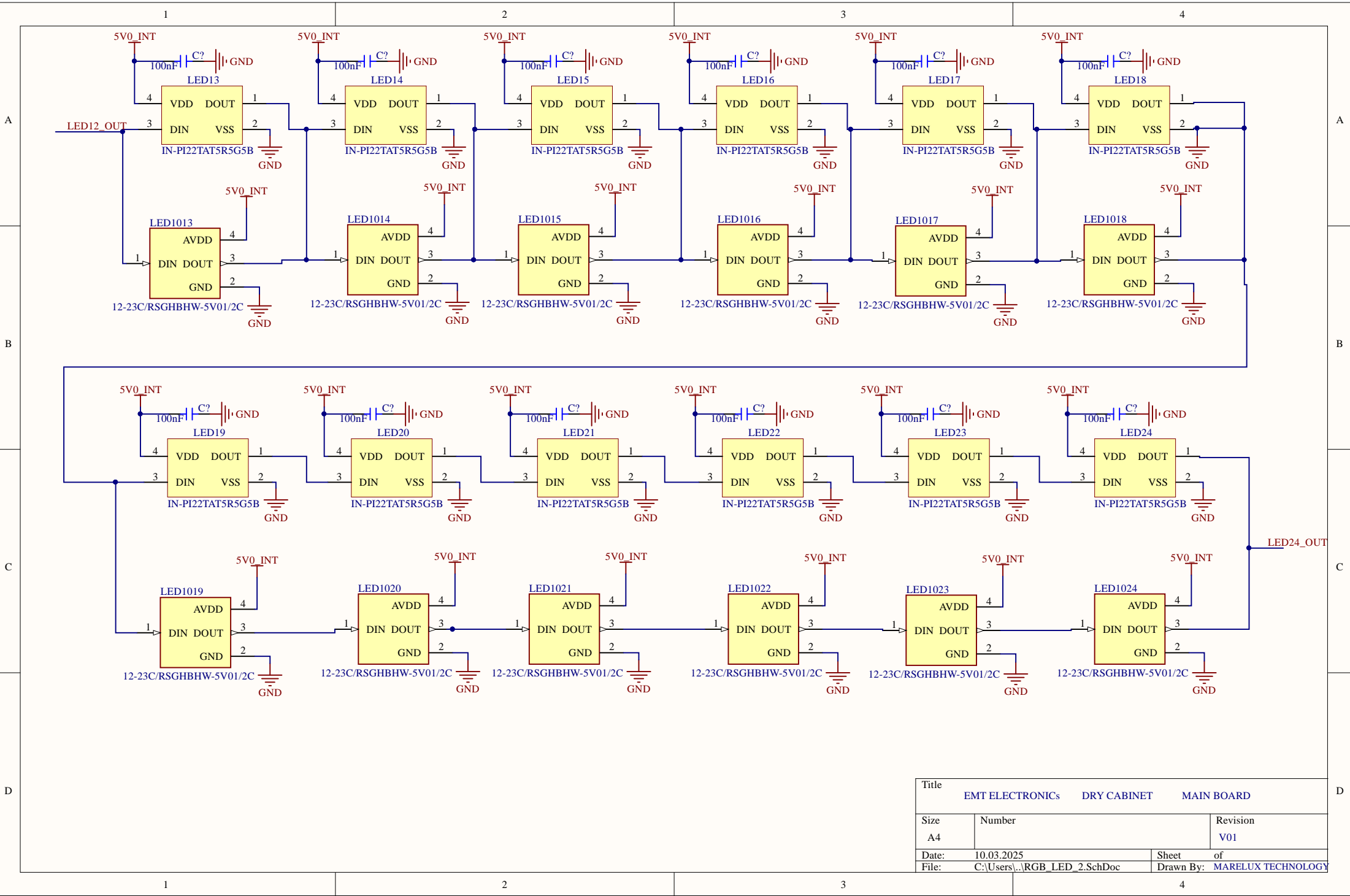


5V to 3V3 REGULATION



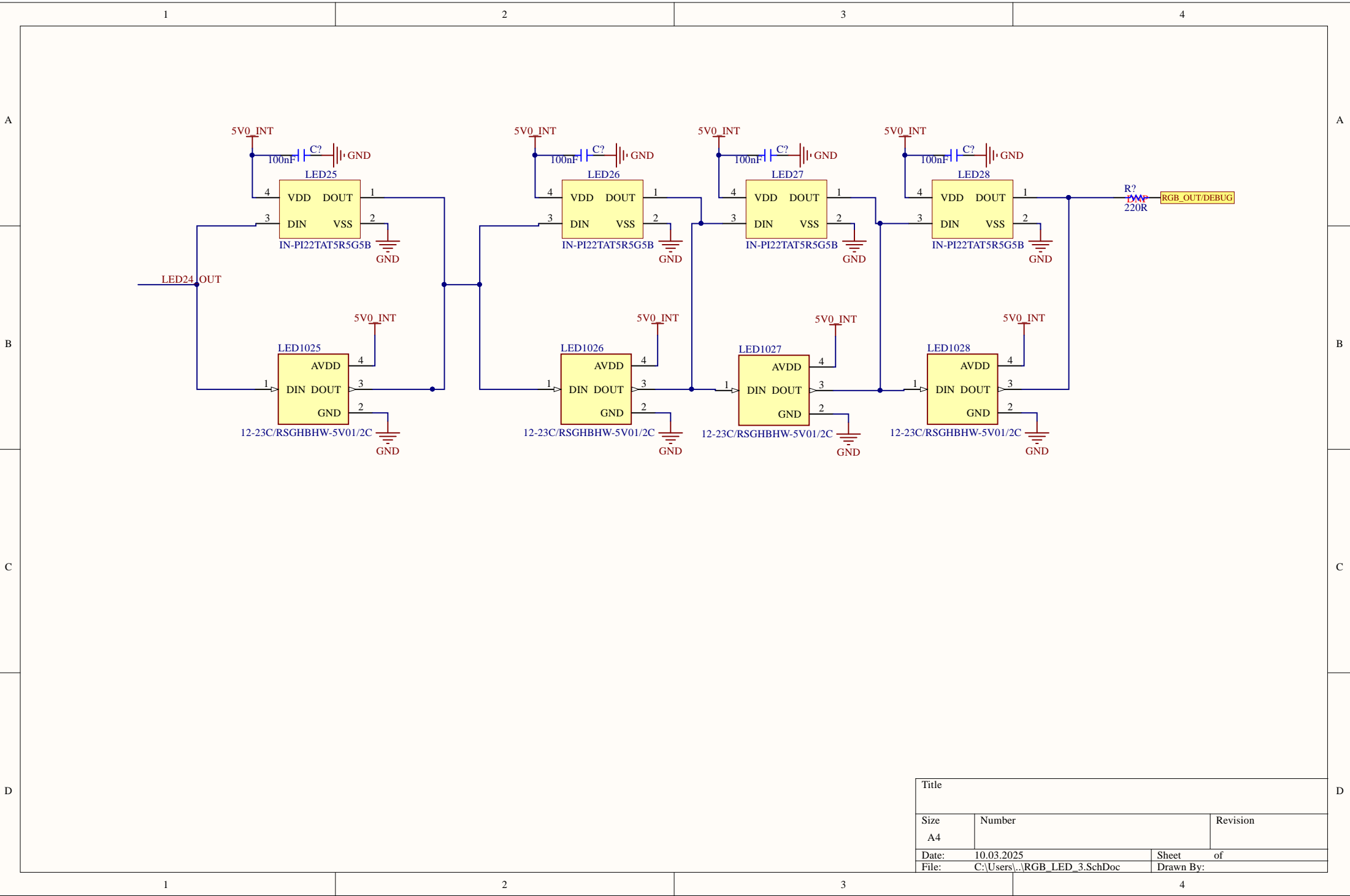
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Size	Number		Revision
A4			V01
Date:	10.03.2025		Sheet of
File:	C:\Users\...\POWER.SchDoc		Drawn By: MARELUX TECHNOLOGY





Title			
EMT ELECTRONICS DRY CABINET MAIN BOARD			
Size	Number		Revision
A4			V01
Date:	10.03.2025		Sheet of
File:	C:\Users\...\RGB_LED_2.SchDoc		Drawn By: MARELUX TECHNOLOGY





Title		
Size	Number	Revision
A4		
Date:	10.03.2025	Sheet of
File:	C:\Users\...\RGB_LED_3.SchDoc	Drawn By: