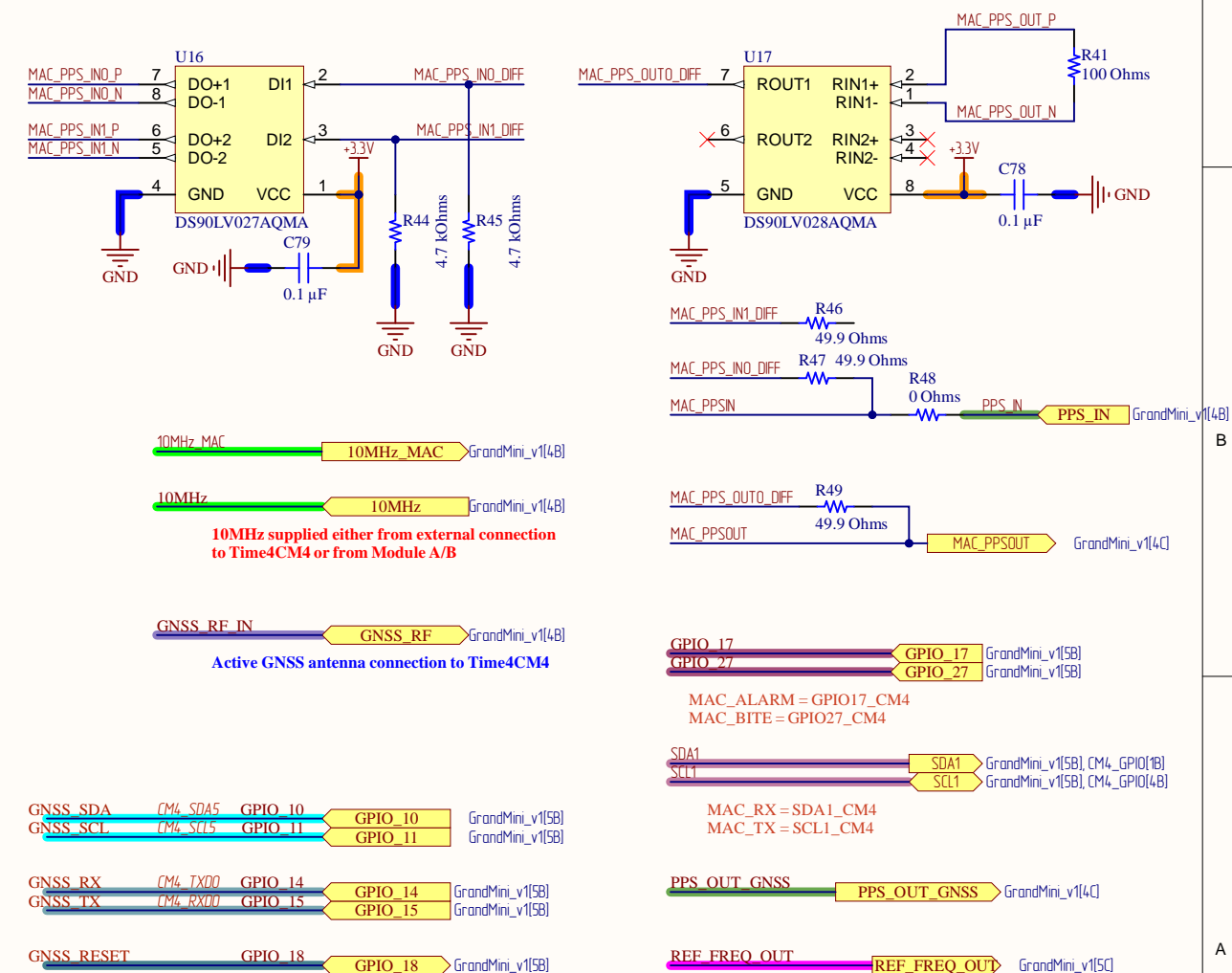
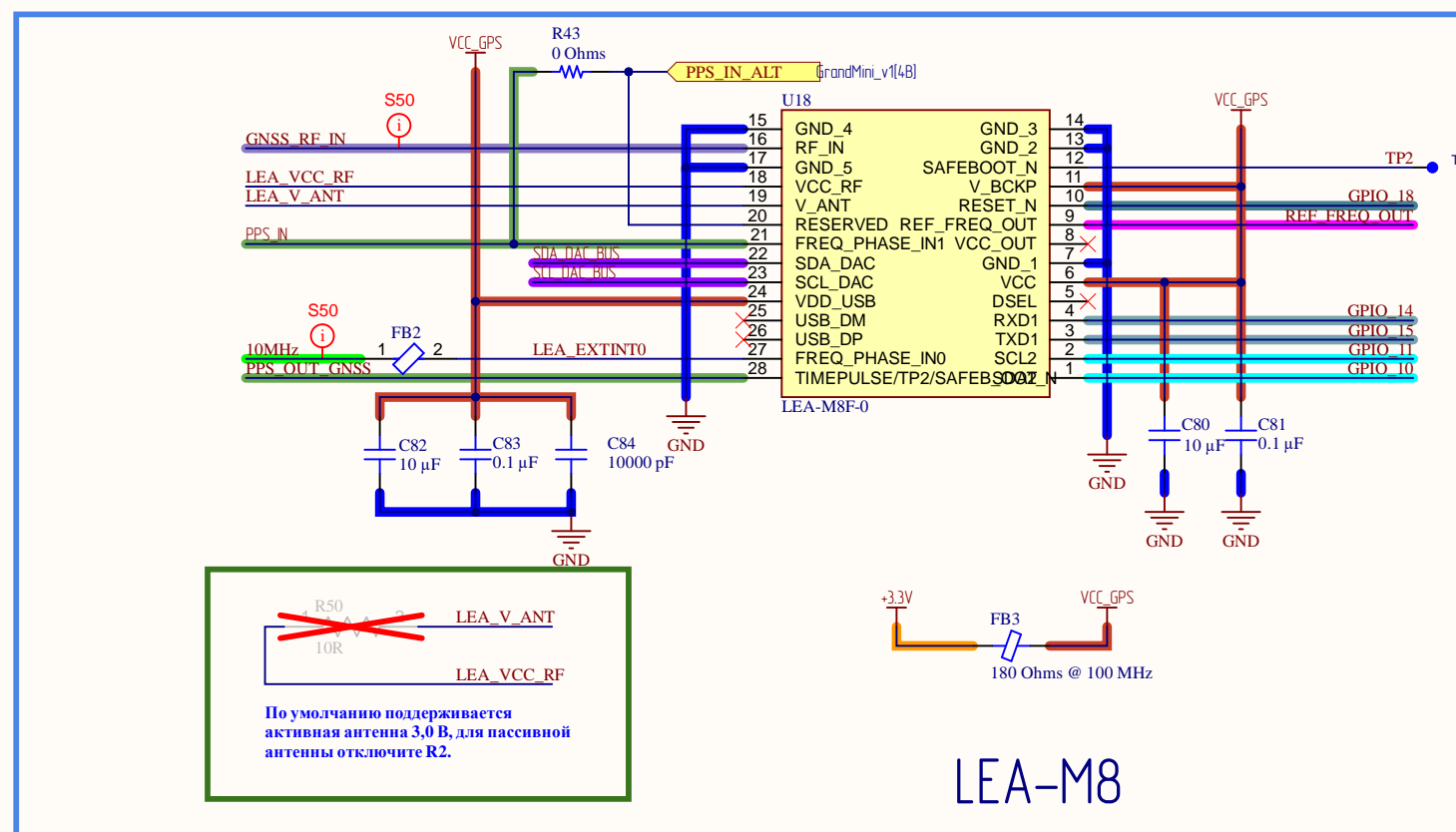
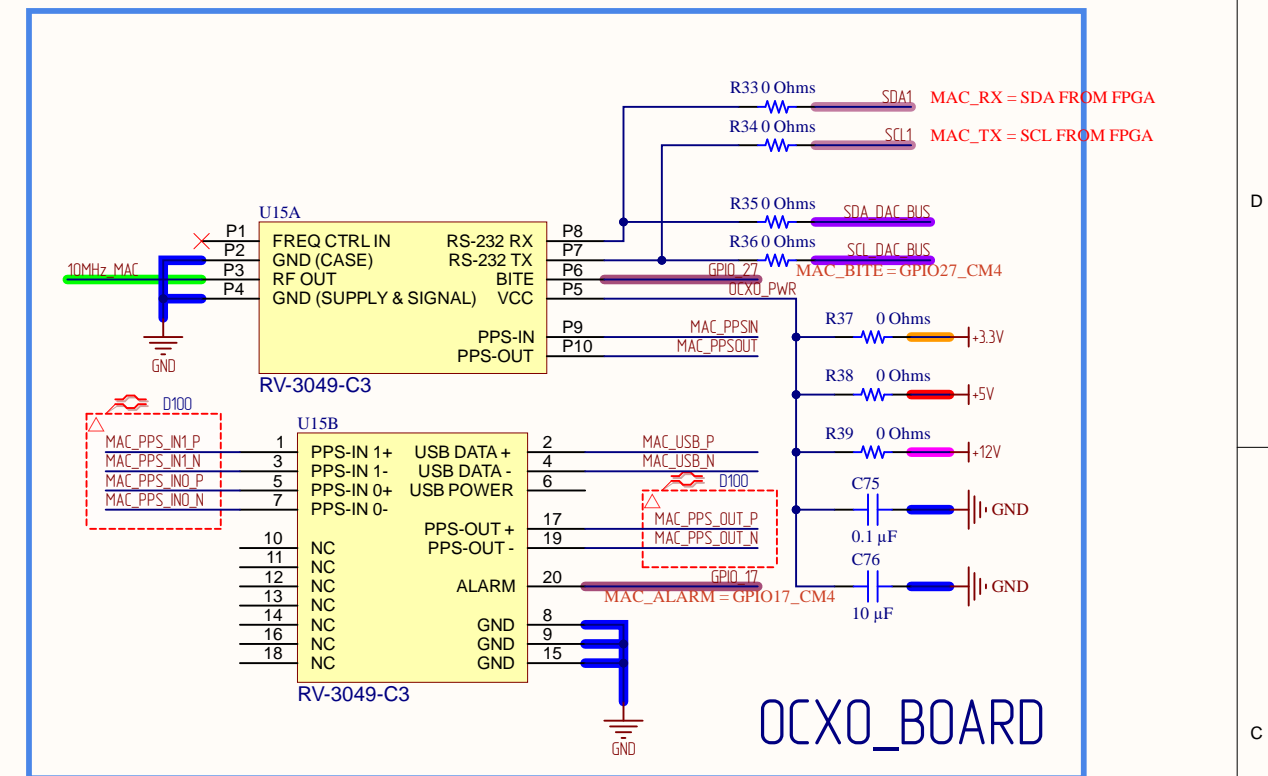
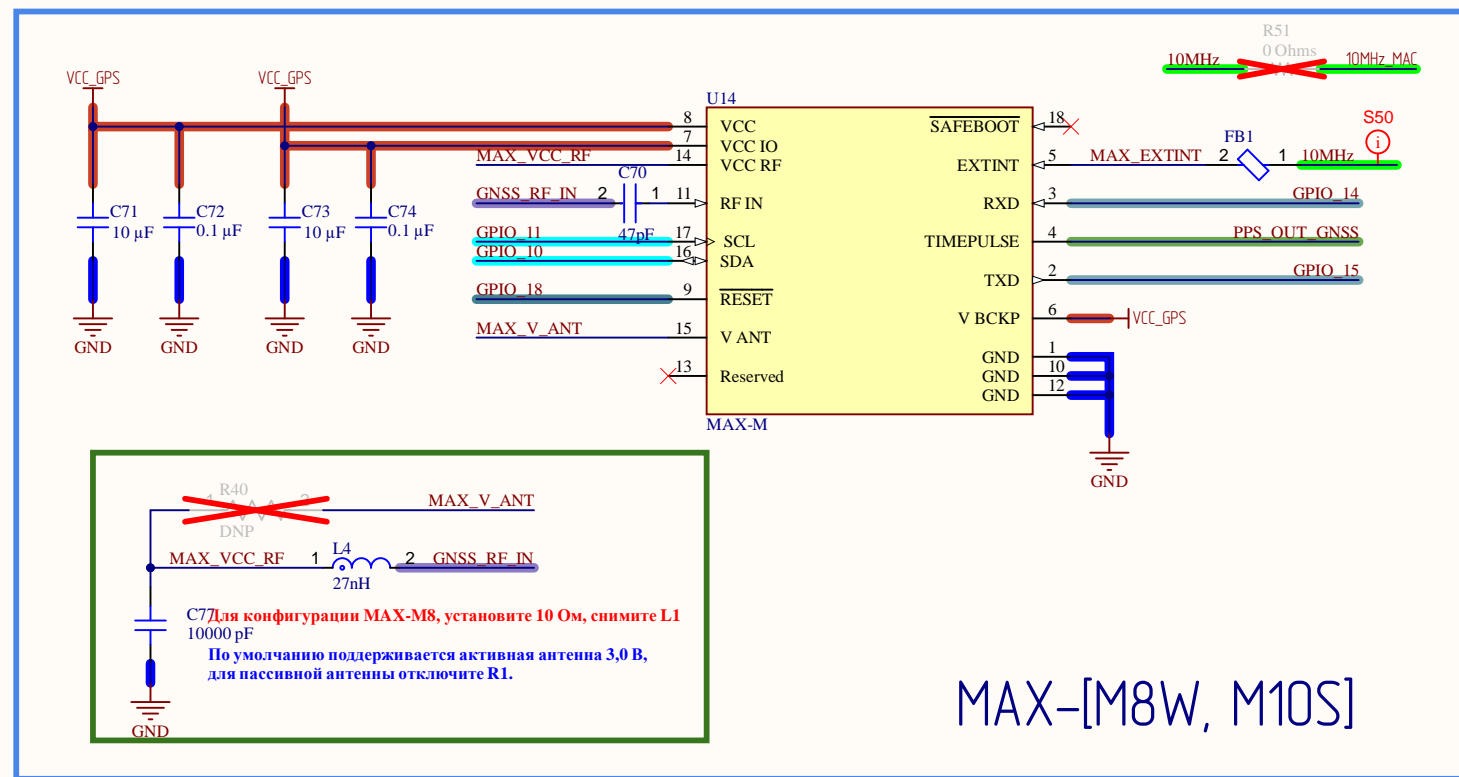


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Size	Number	Revision
A3		
Date:	5/25/2025	Sheet of
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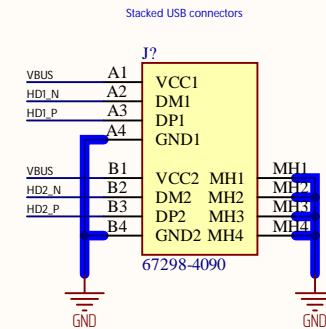
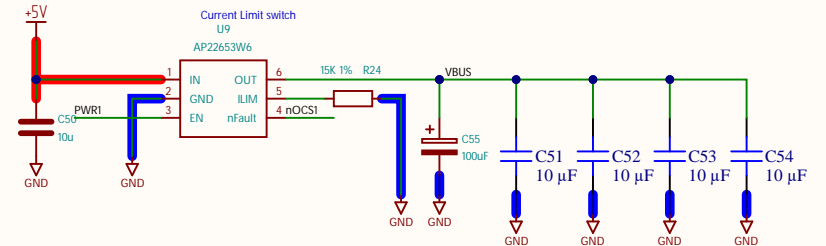
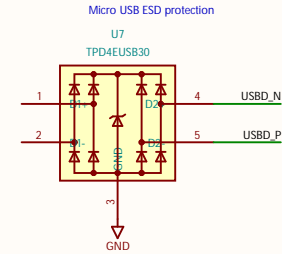
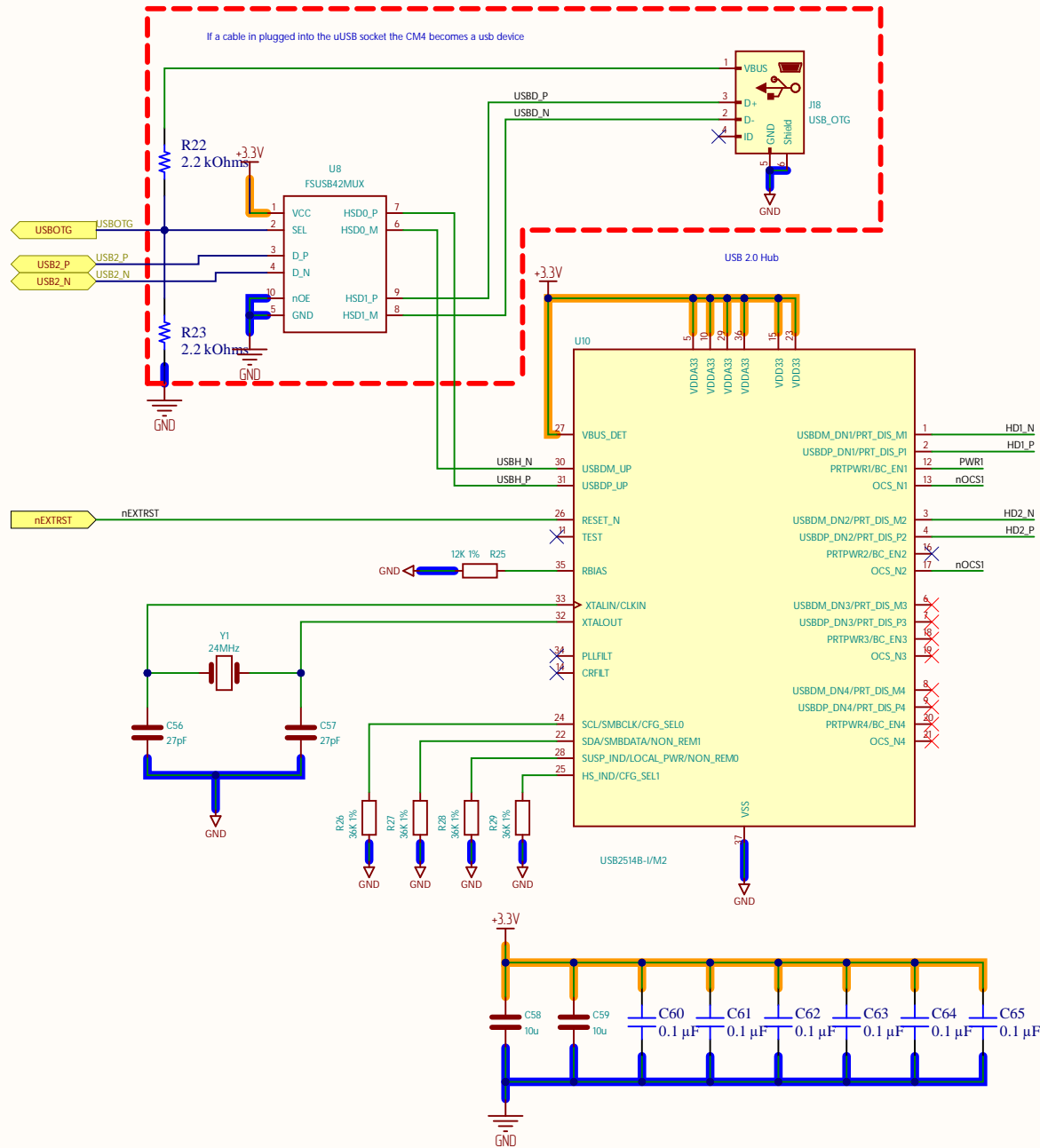






Title		GNSS Modules	
Size	Number	Revision	
A3			
Date:	5/25/2025	Sheet of	
File:	C:\Documents\...\GNSS.SchDoc	Drawn By:	

НЕ устанавливать, если не нужен OTG (R42 и R52 установить)



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Sheet: /

File: USB2-HUB.kicad\_sch

**Title: Compute Module 4 IO Board - USB**

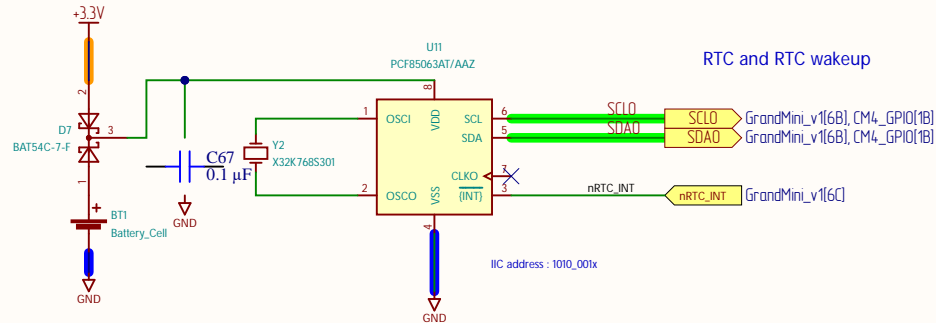
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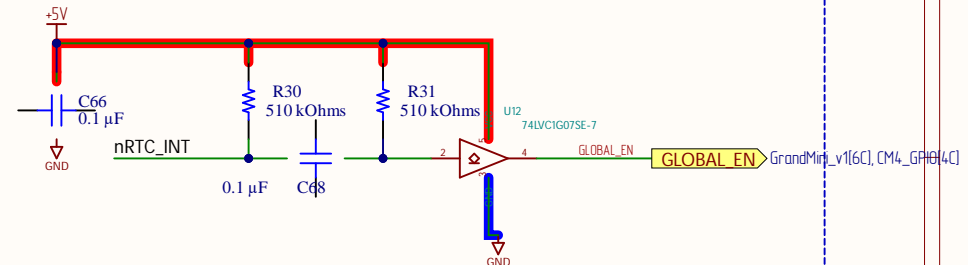
Rev: 1

KiCad E.D.A. kicad (5.1.4)-1

Id: 1/1



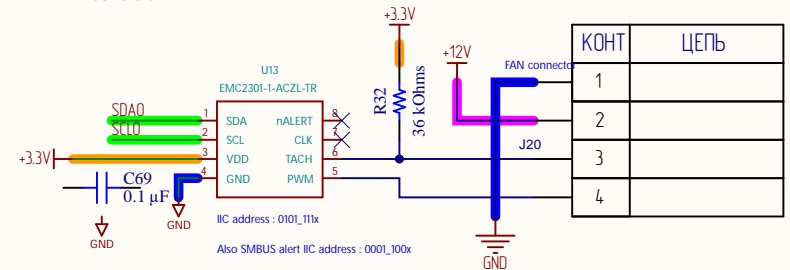
RTC alarms can be used to wake up the Compute module  
NB an Alarm triggering while already awake will cause a reset  
This can be used as a watchdog reset



The above circuit generates a pulse for GLOBAL\_EN when nRTC\_INT goes low

GLOBAL\_EN needs to be pulse low for >1mS

#### FAN controller



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Sheet: /

File: RTC.kicad\_sch

**Title: Compute Module 4 IO Board - RTC - FAN**

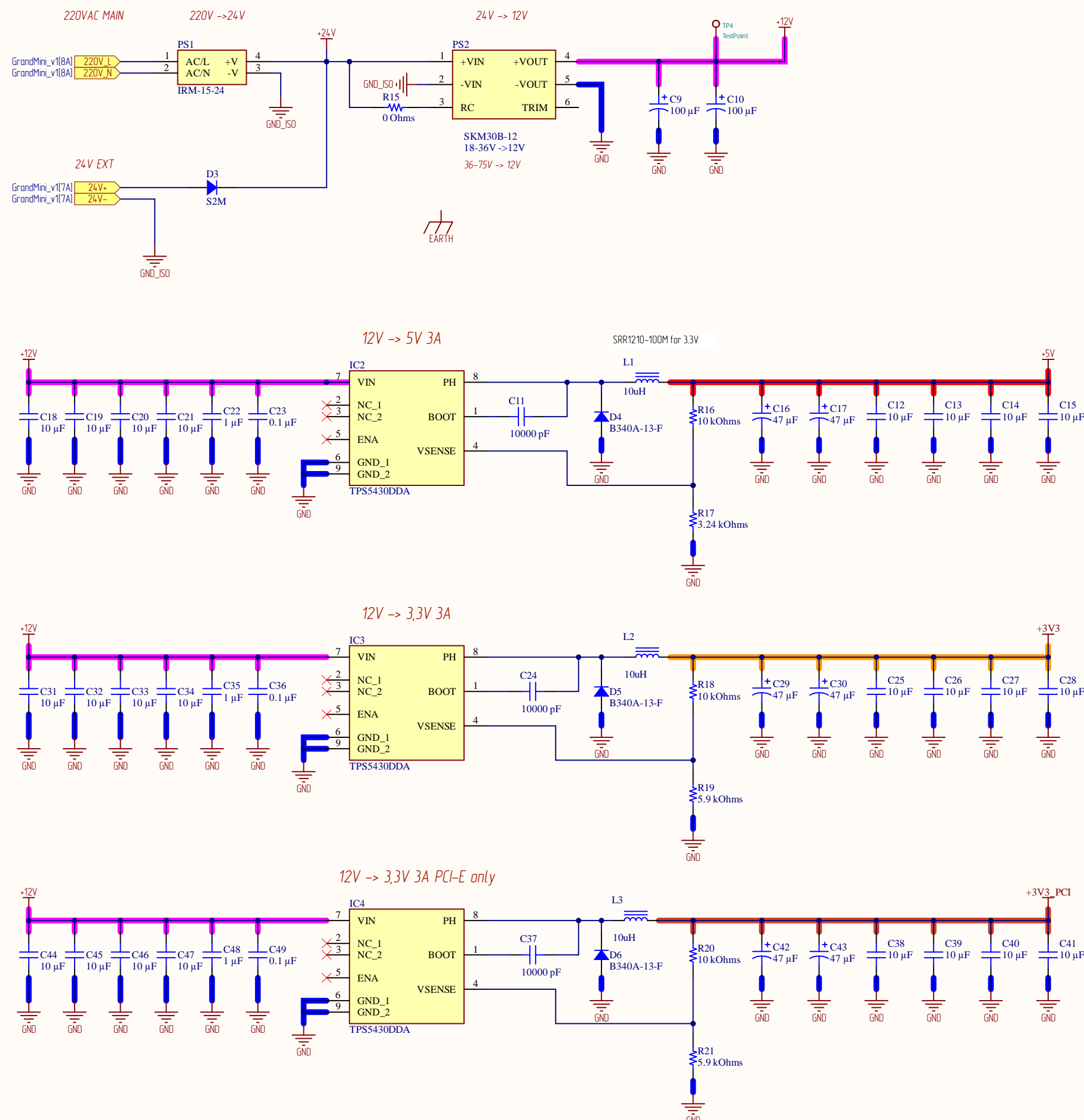
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Rev: 1

KiCad E.D.A. kicad (5.1.4)-1

Id: 1/1



Title		
Size A3	Number	Revision
Date:	5/25/2025	Sheet of
File:	C:\Documents\...\Power.SchDoc	Drawn By: