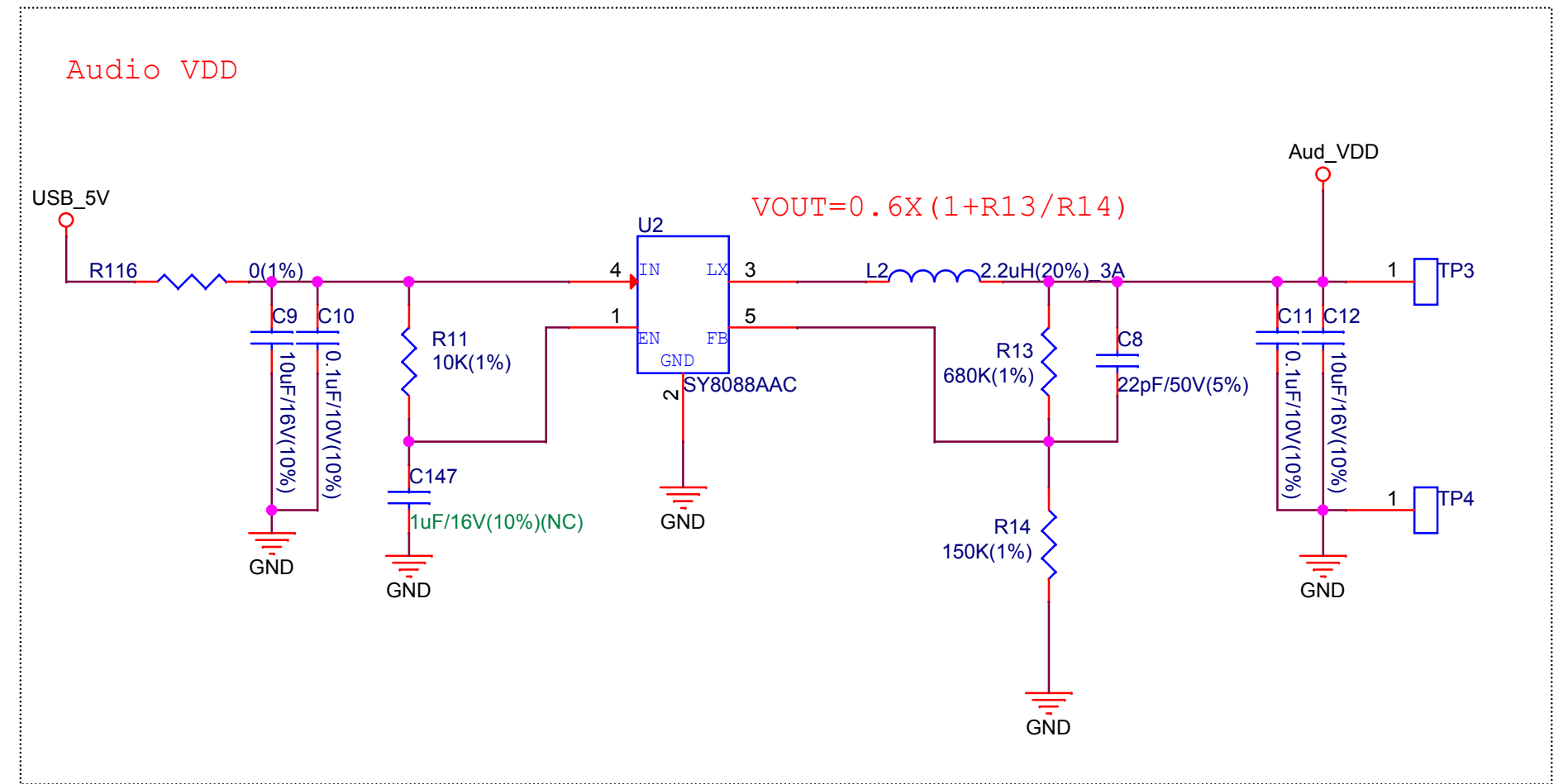
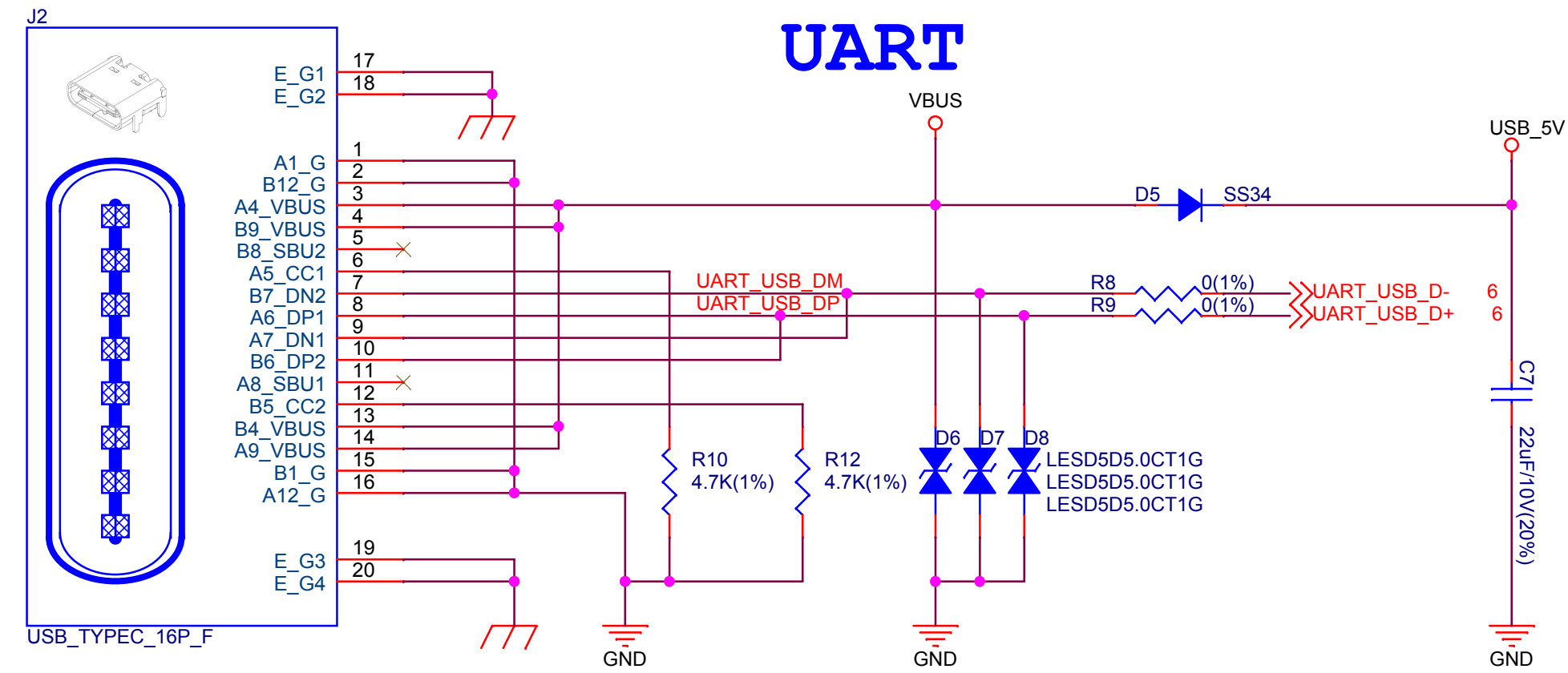
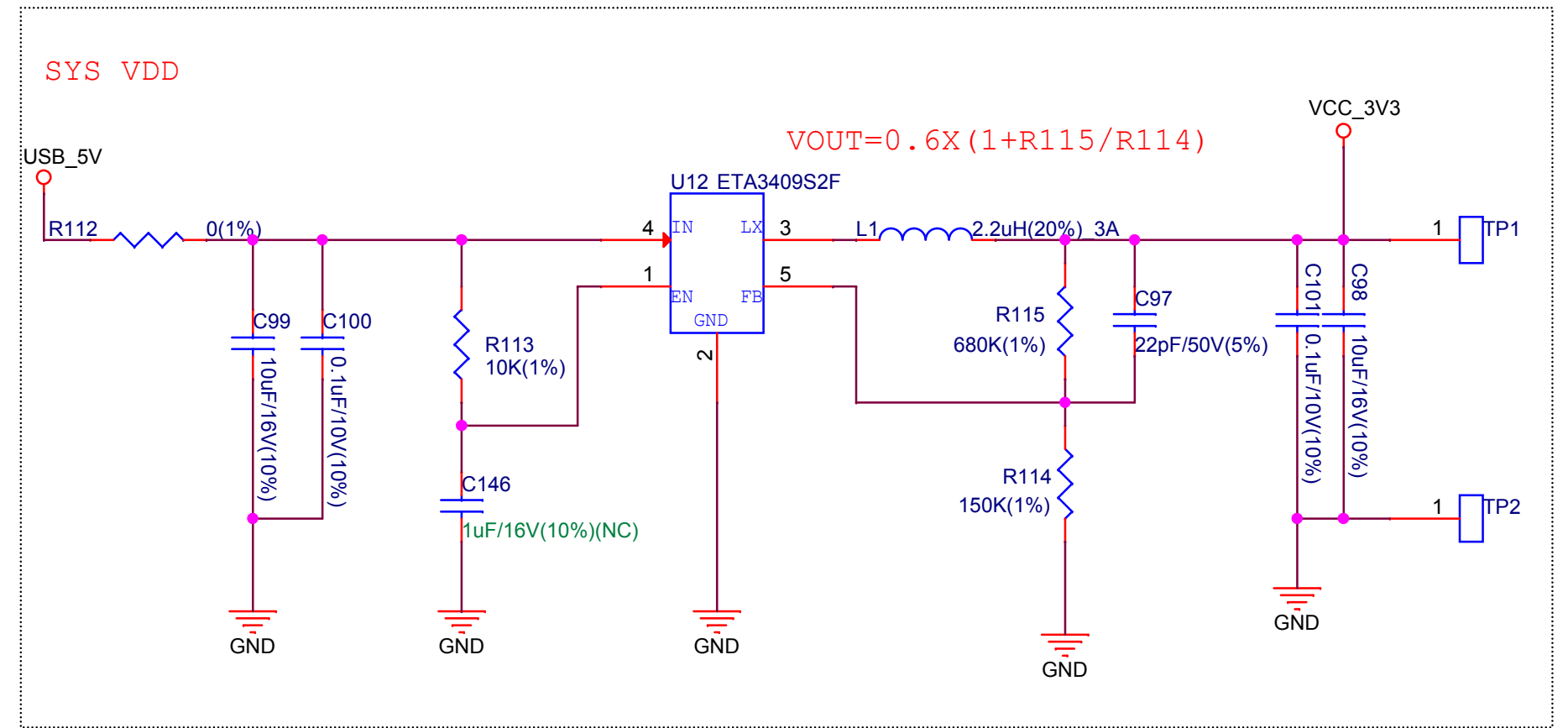
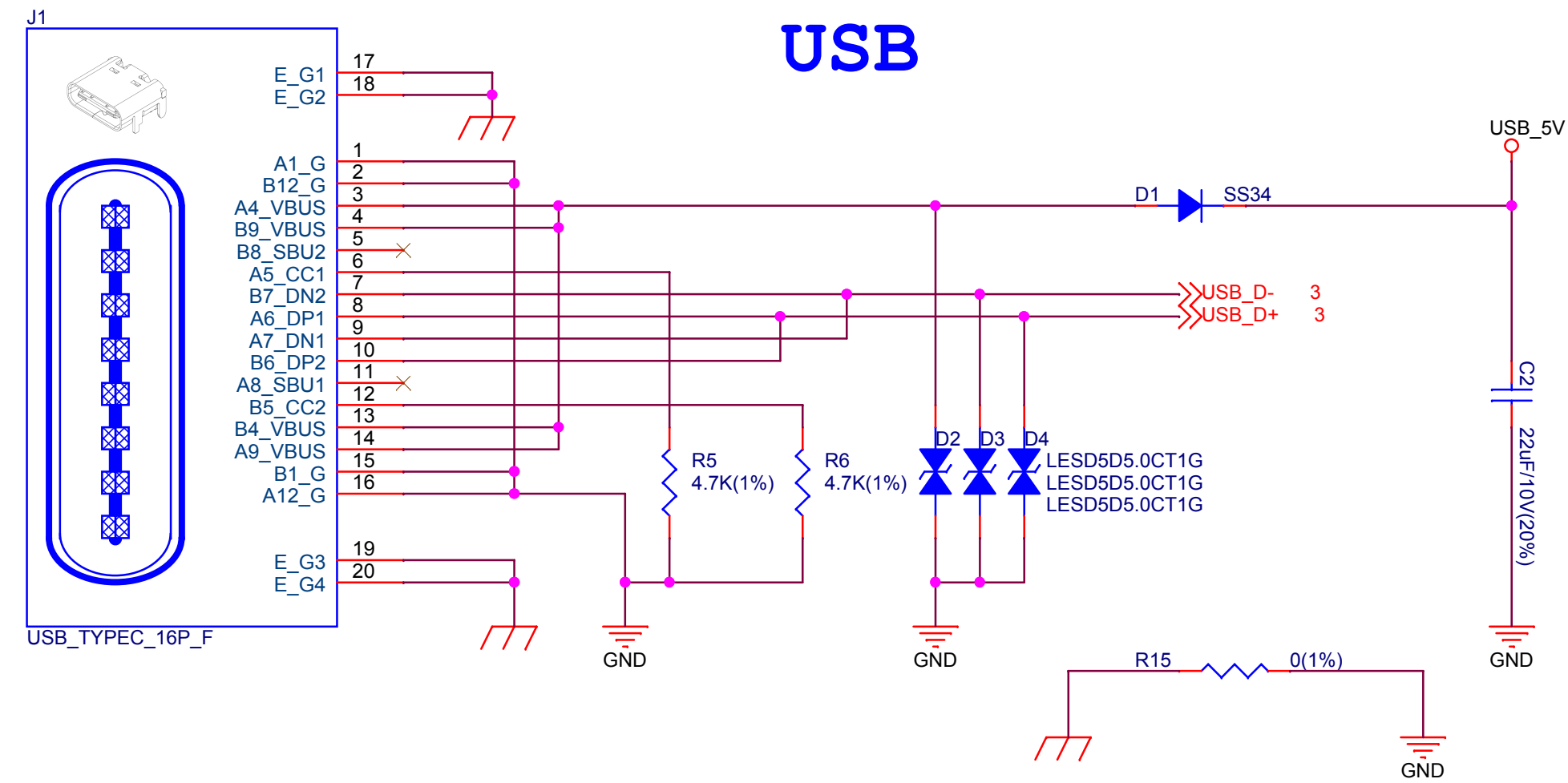
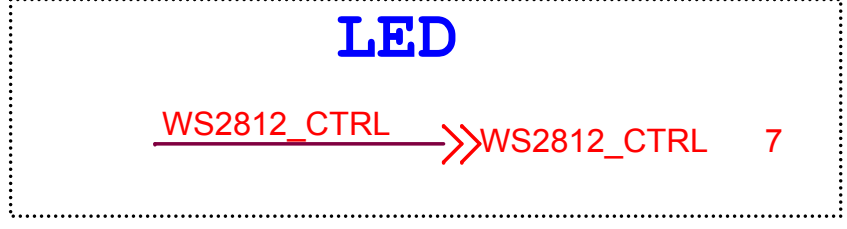
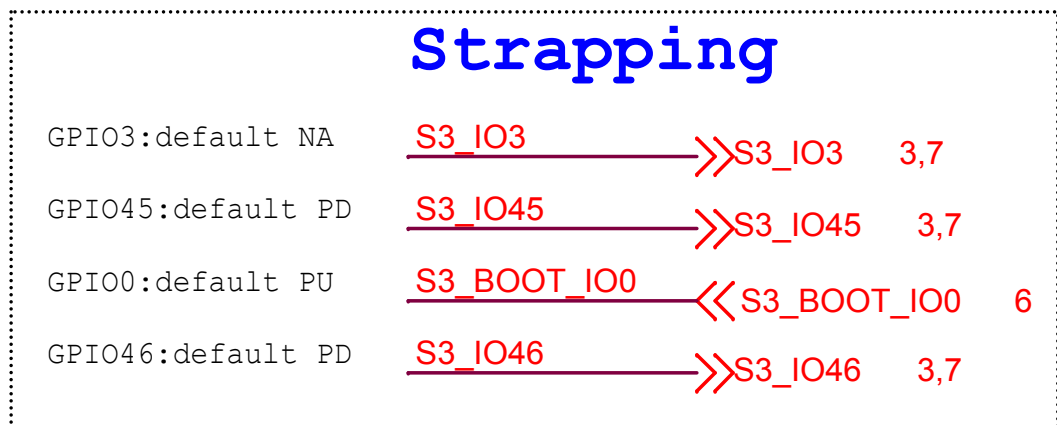
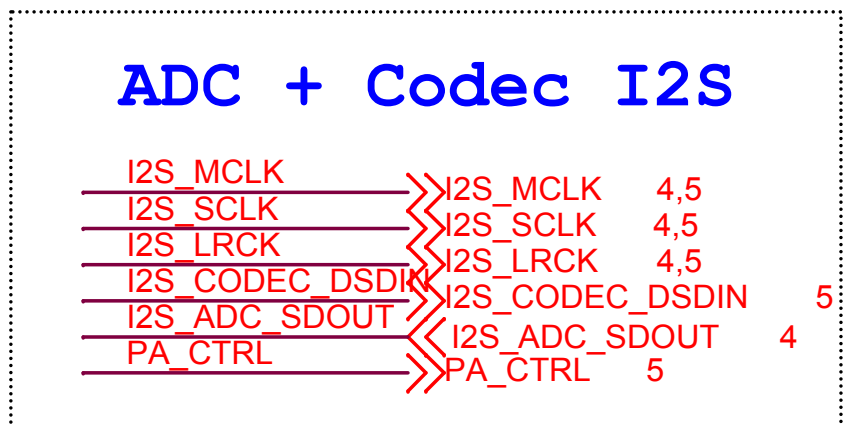
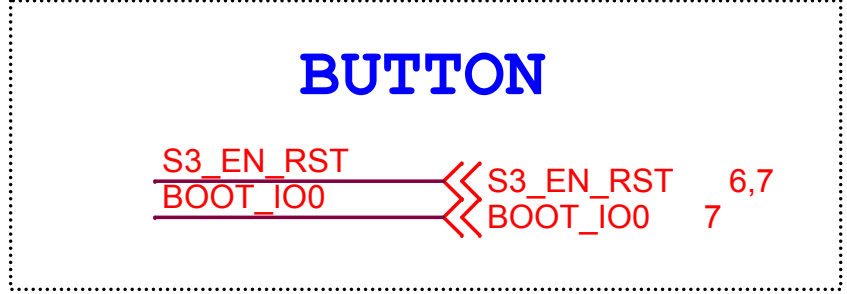
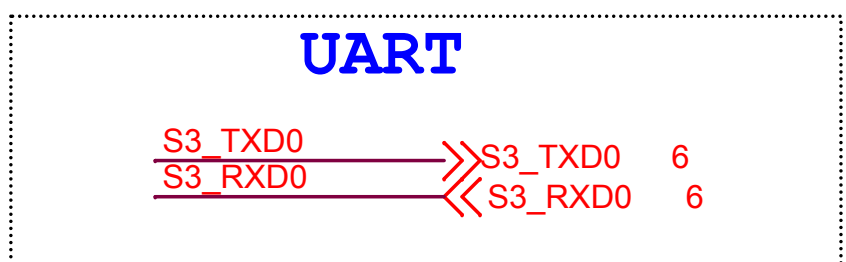
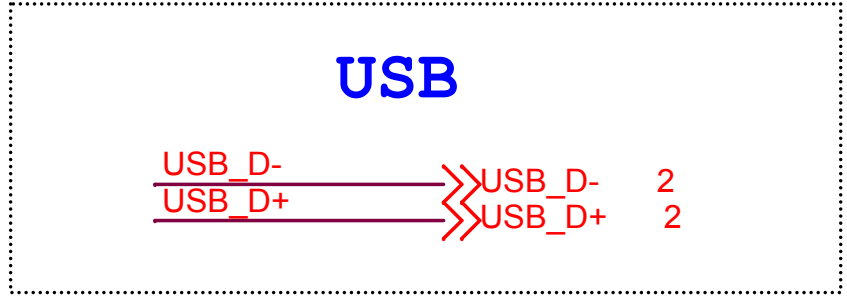
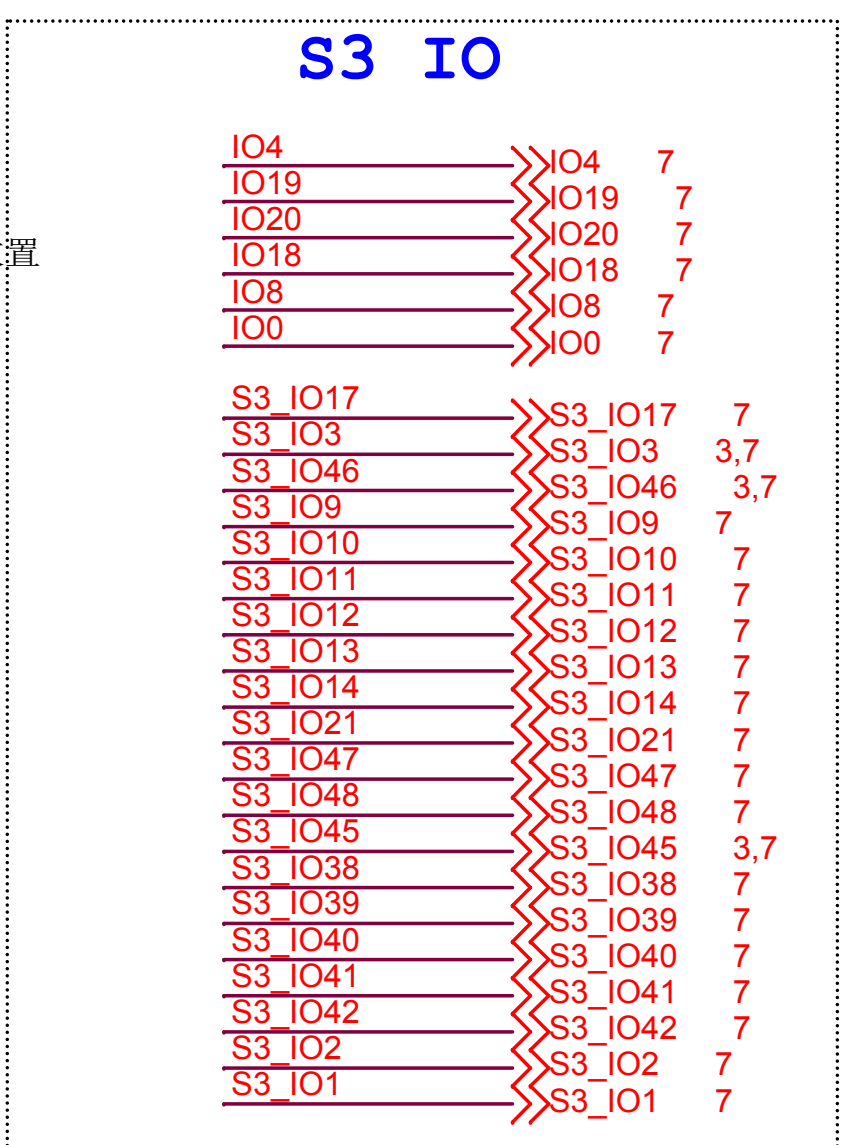
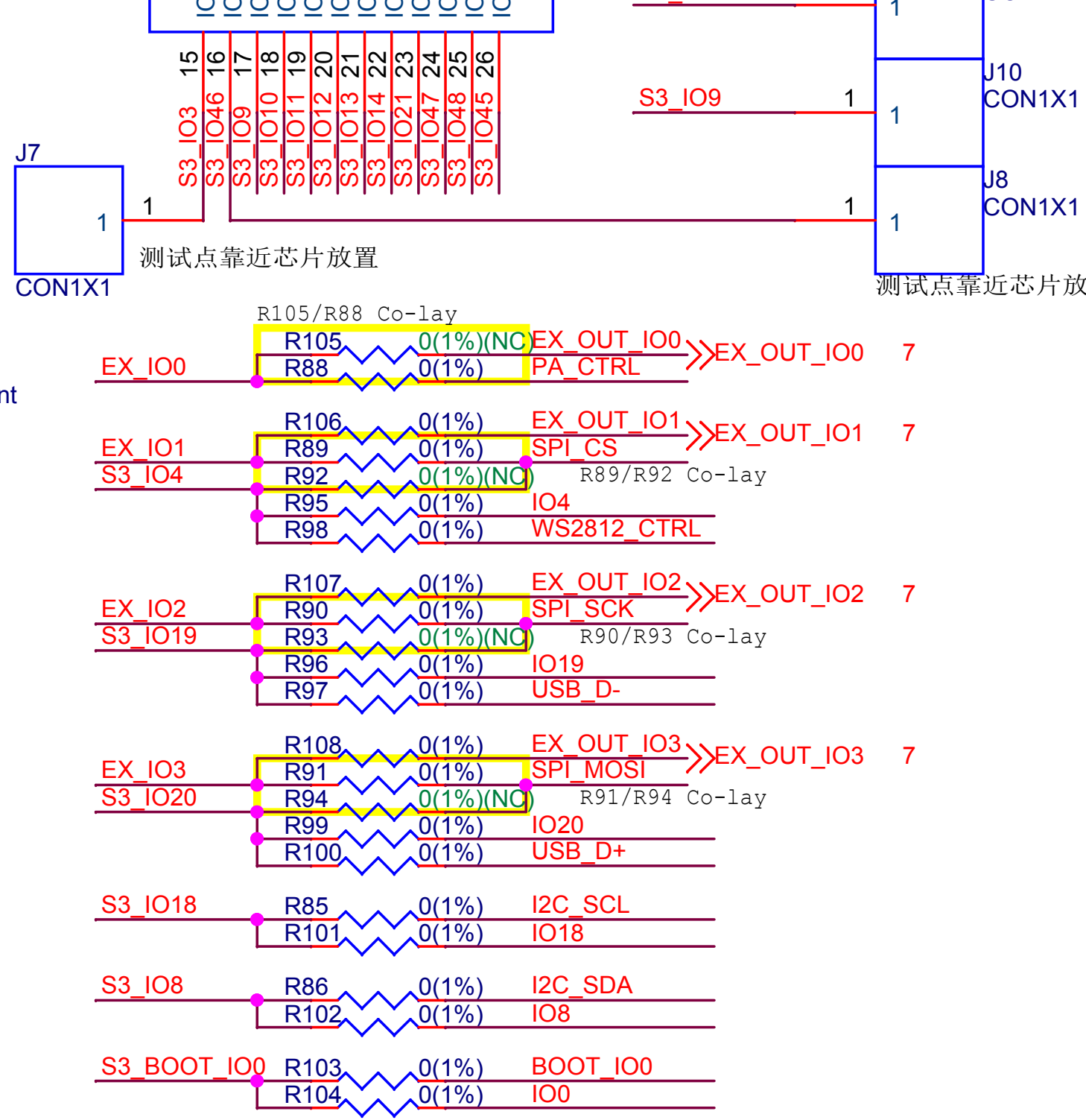
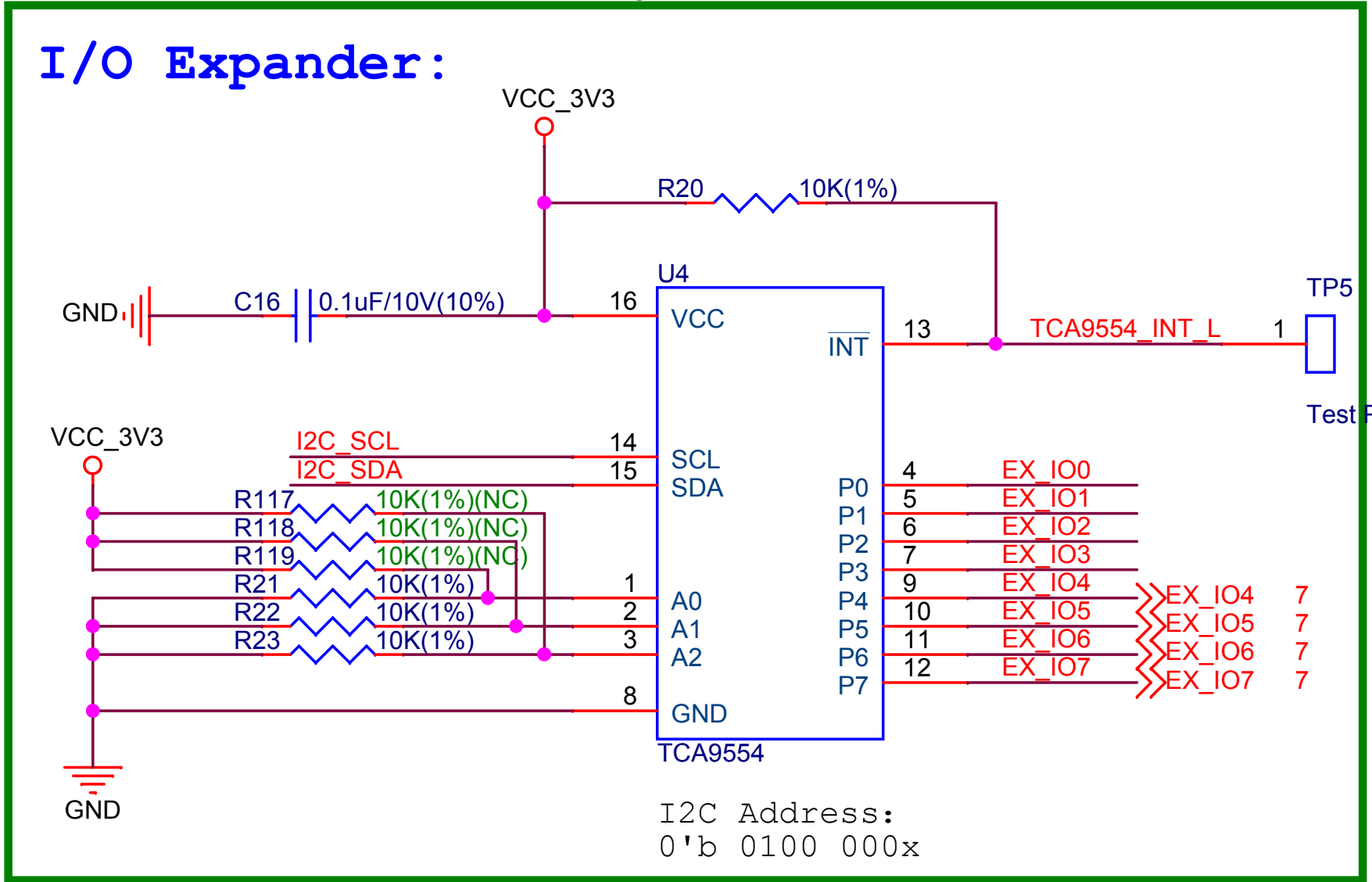
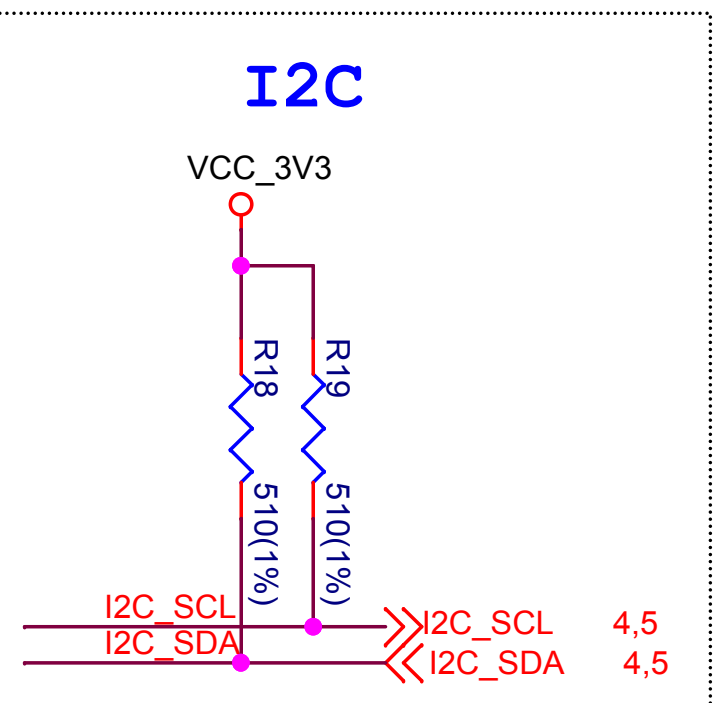
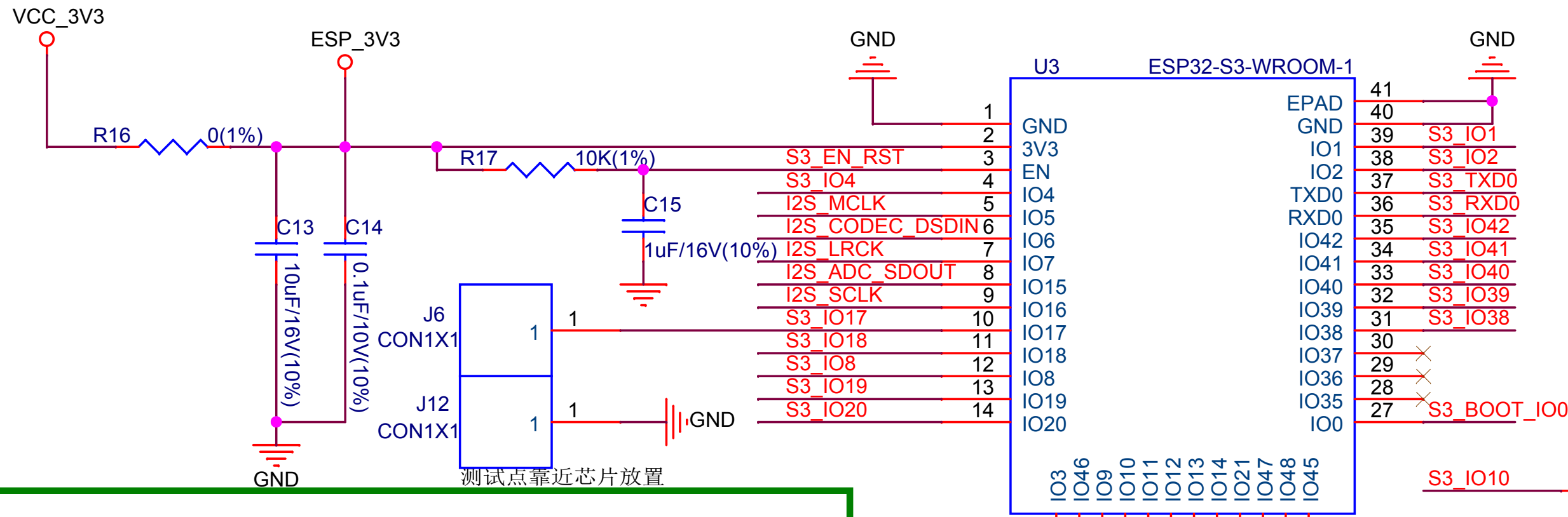


<b>ESPRESSIF</b>			
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# MCU



## ESPRESSIF

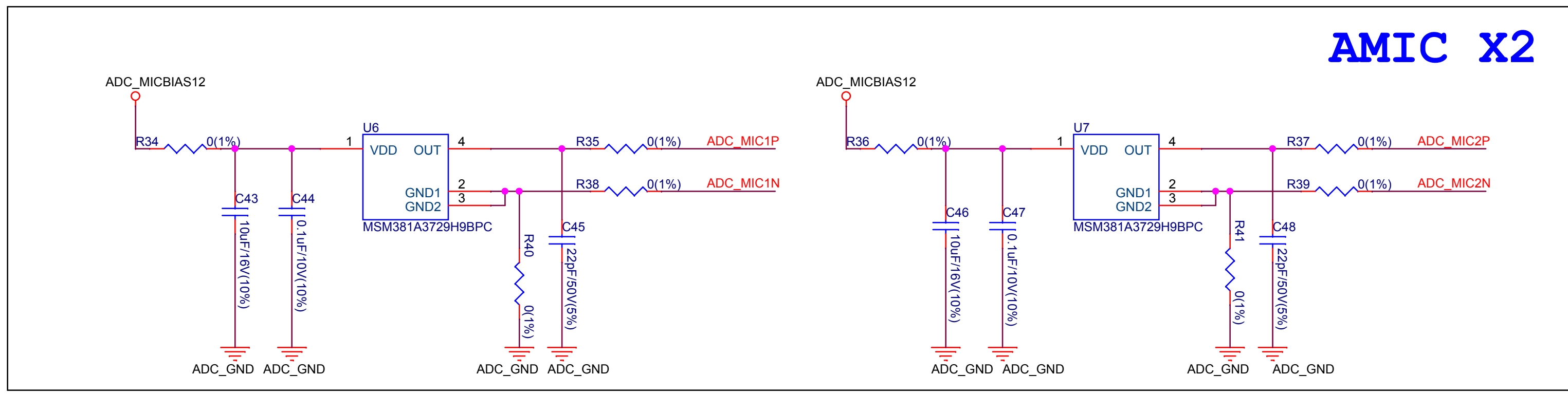
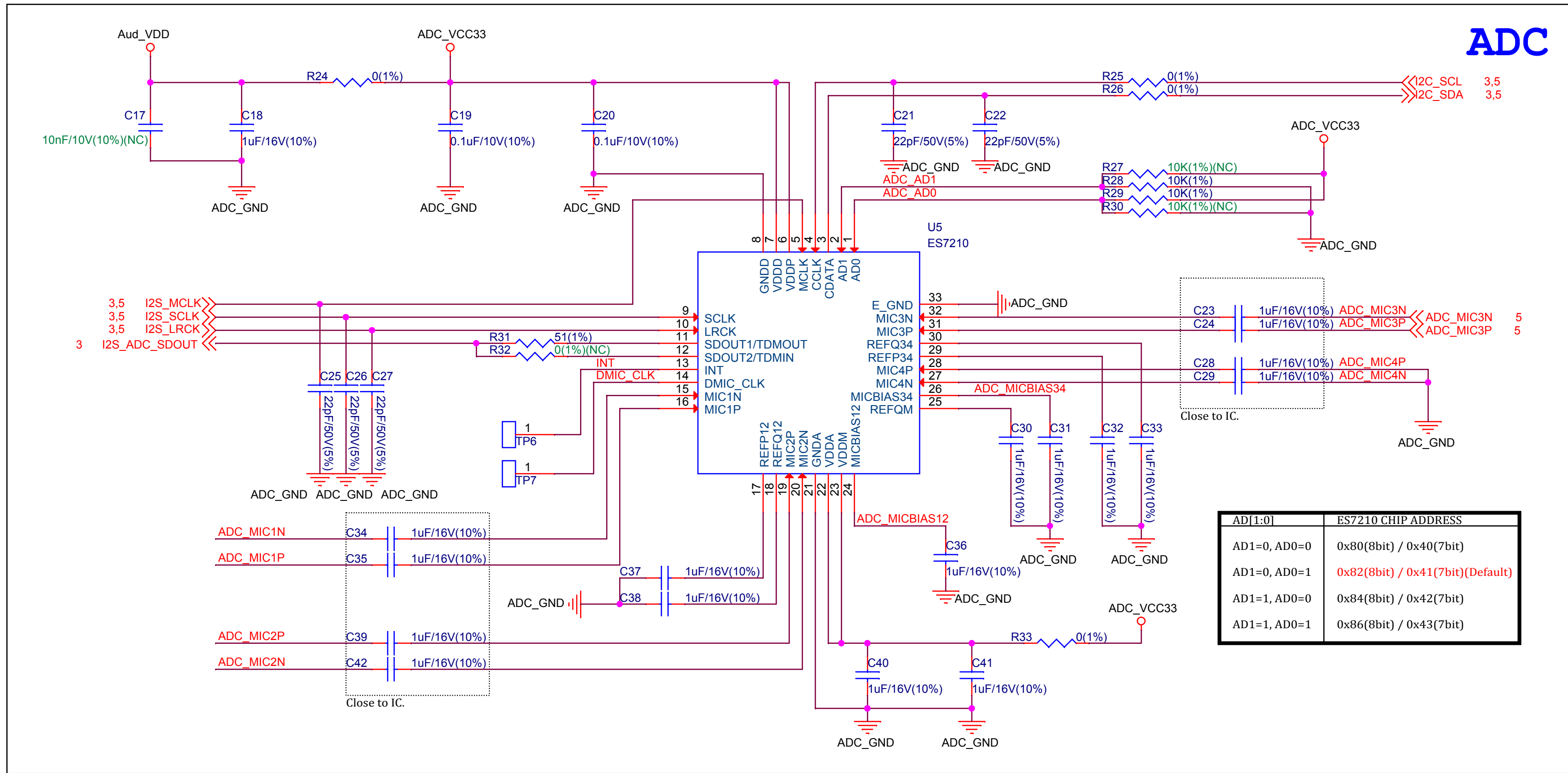
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Title: ESP32-S3-LCD-EV-Board-MB

Size	Page Name	Rev	Proprietary
A4	Module	1.4	

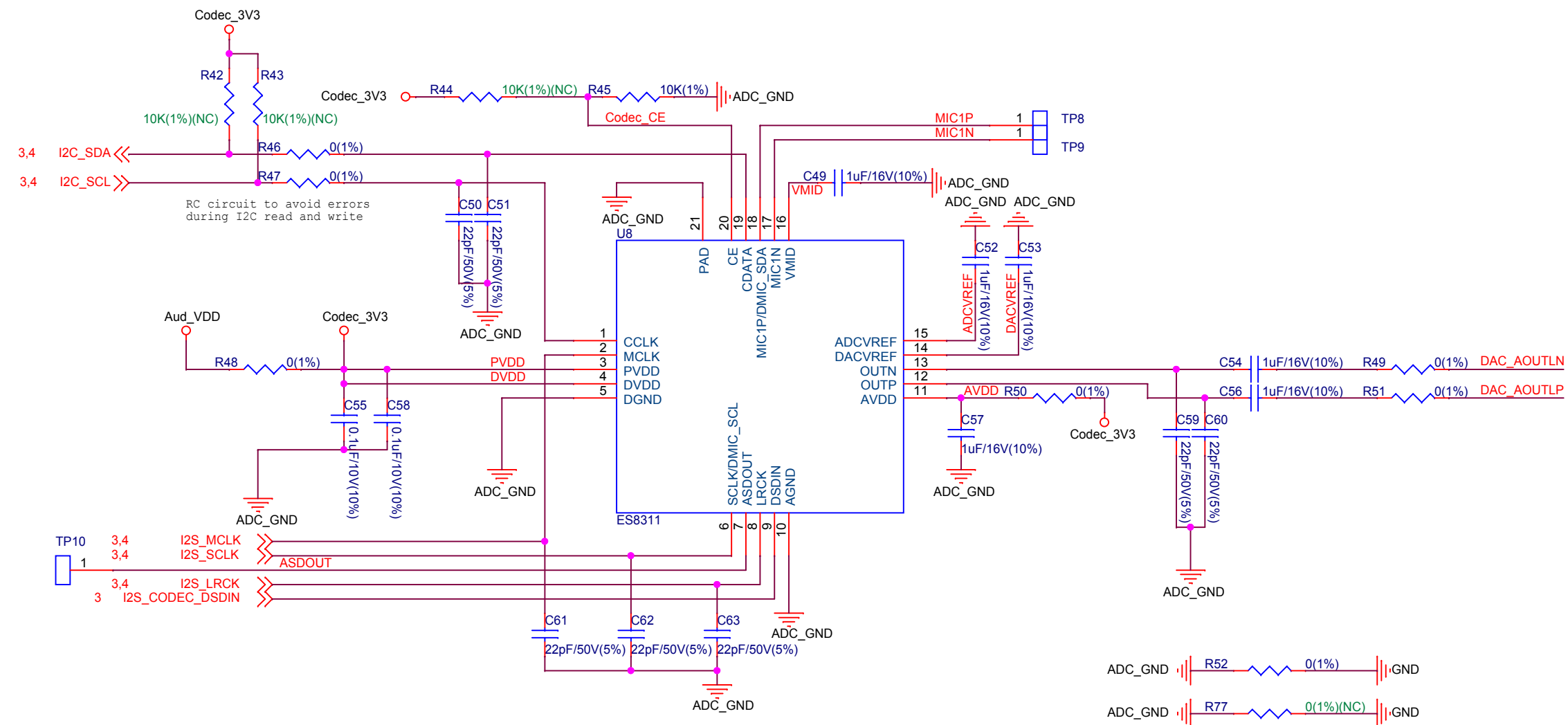
Date: Friday, July 28, 2023

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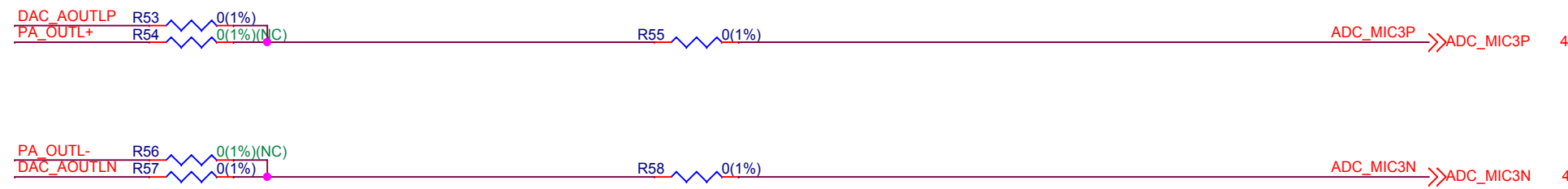




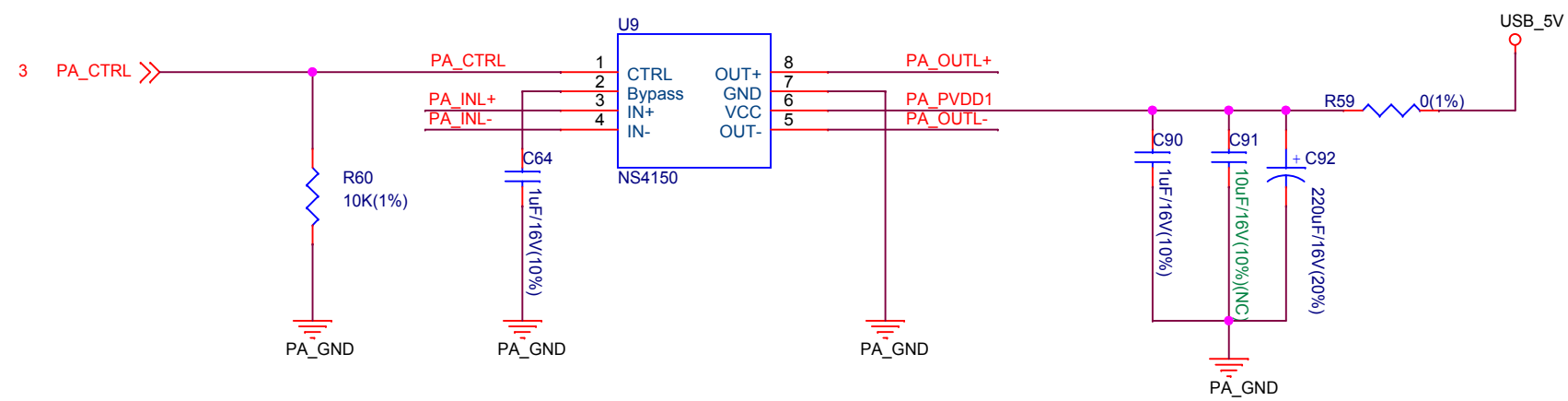
# Codec



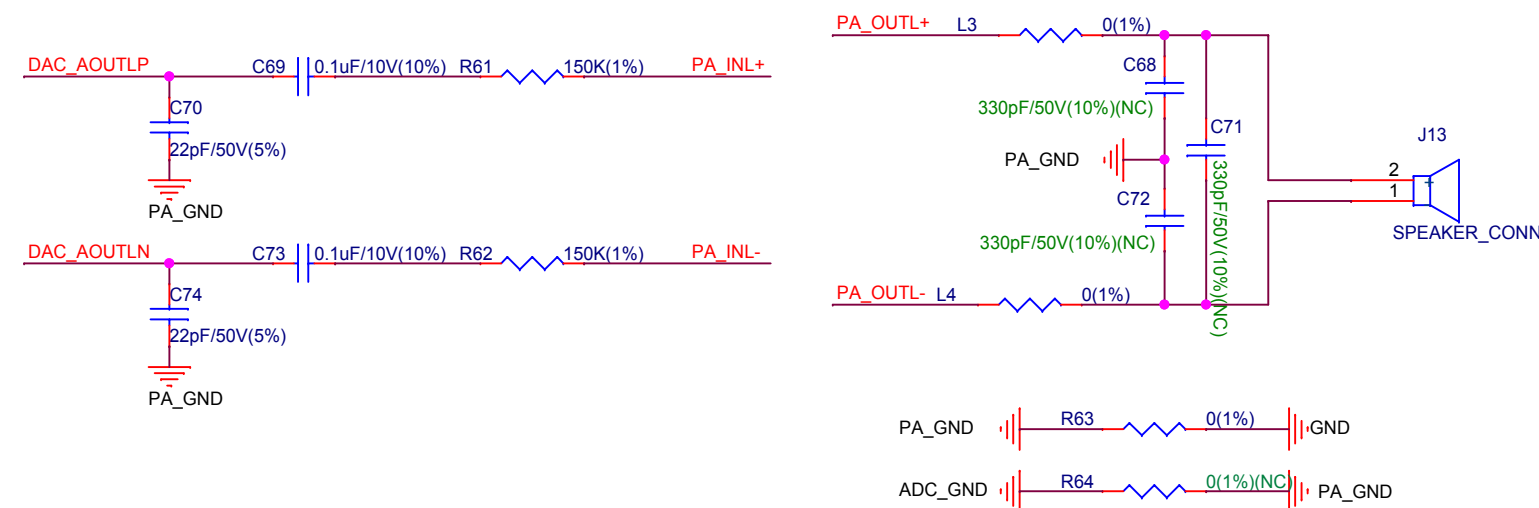
# AEC



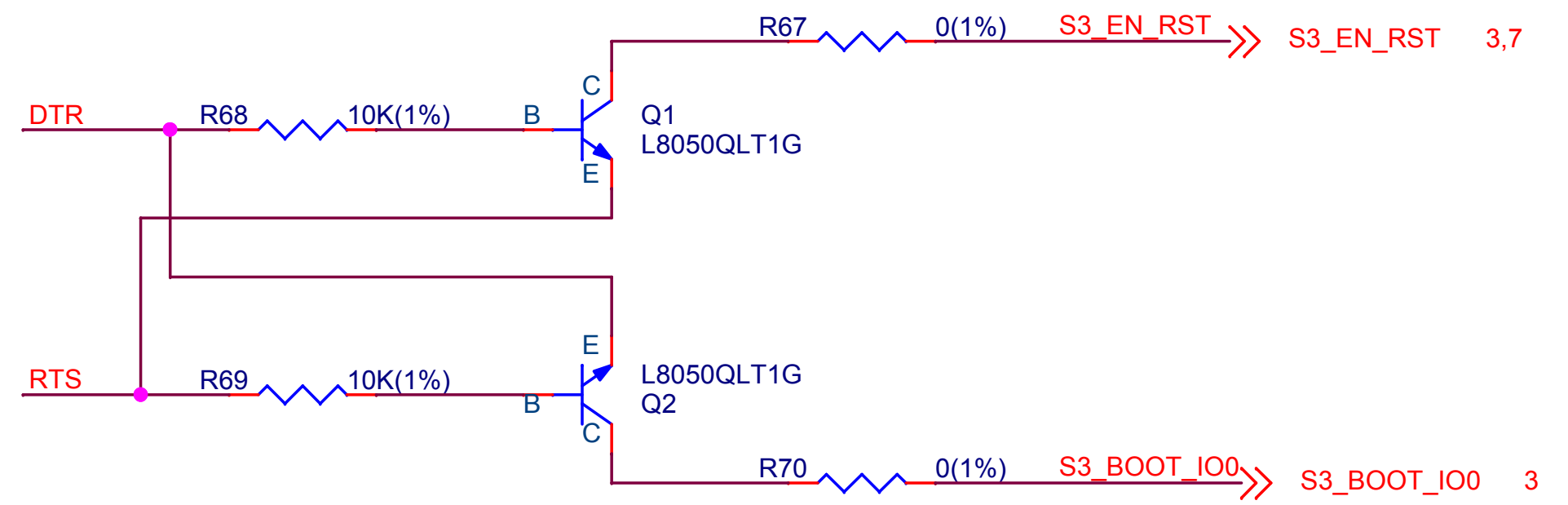
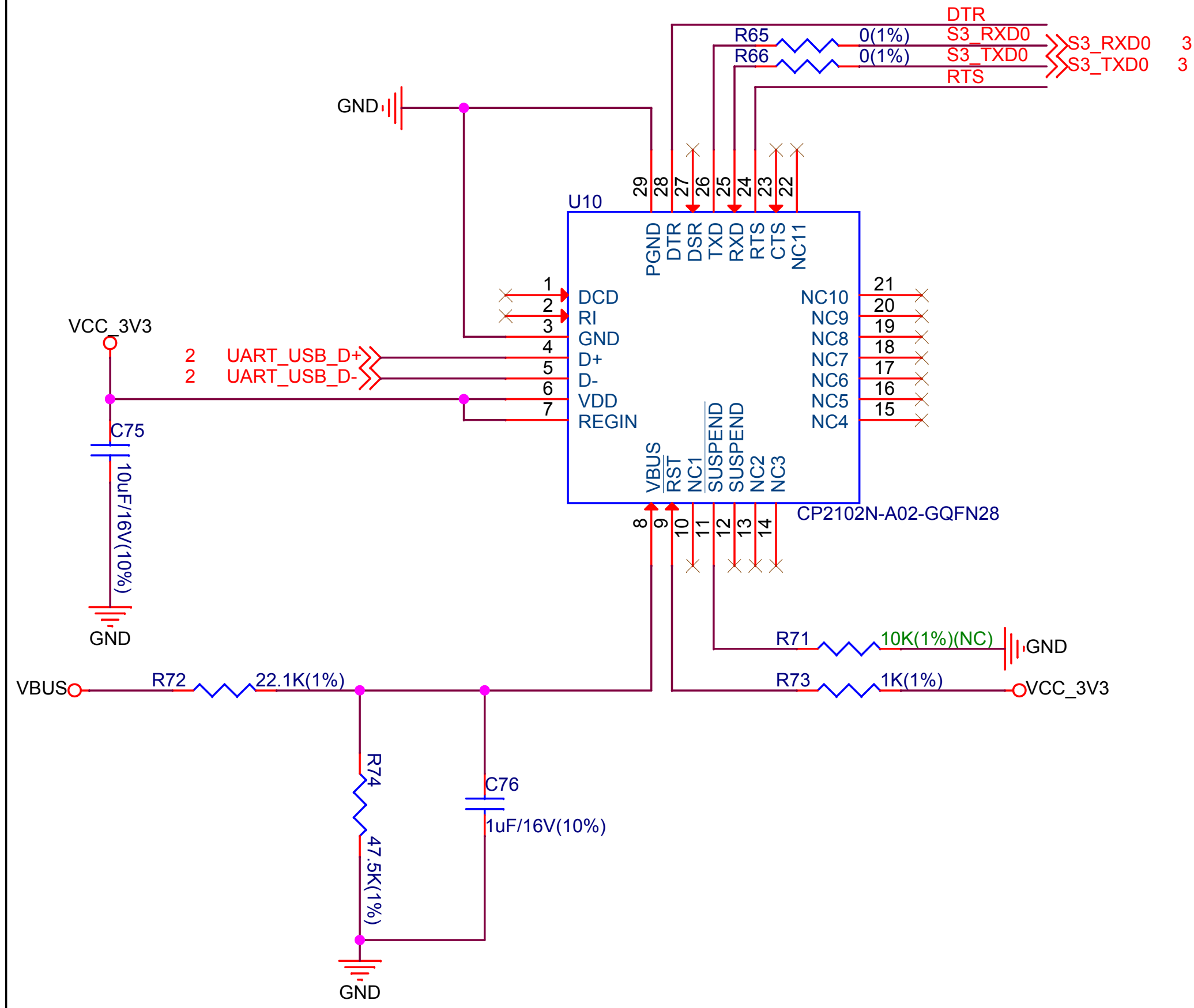
# PA



# Speaker



# USB to UART



Auto program

DTR	RTS	EN	IO0
1	1	1	1
0	0	1	1
1	0	0	1
0	1	1	0

**ESPRESSIF**

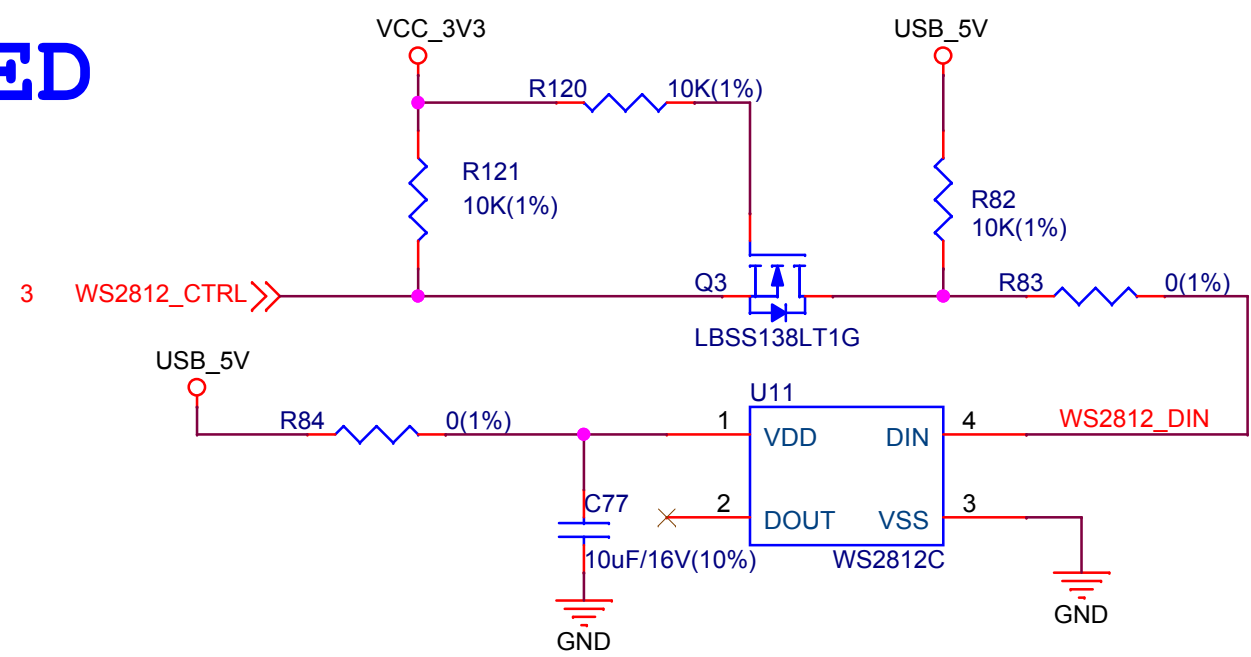
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Title  
ESP32-S3-LCD-EV-Board-MB

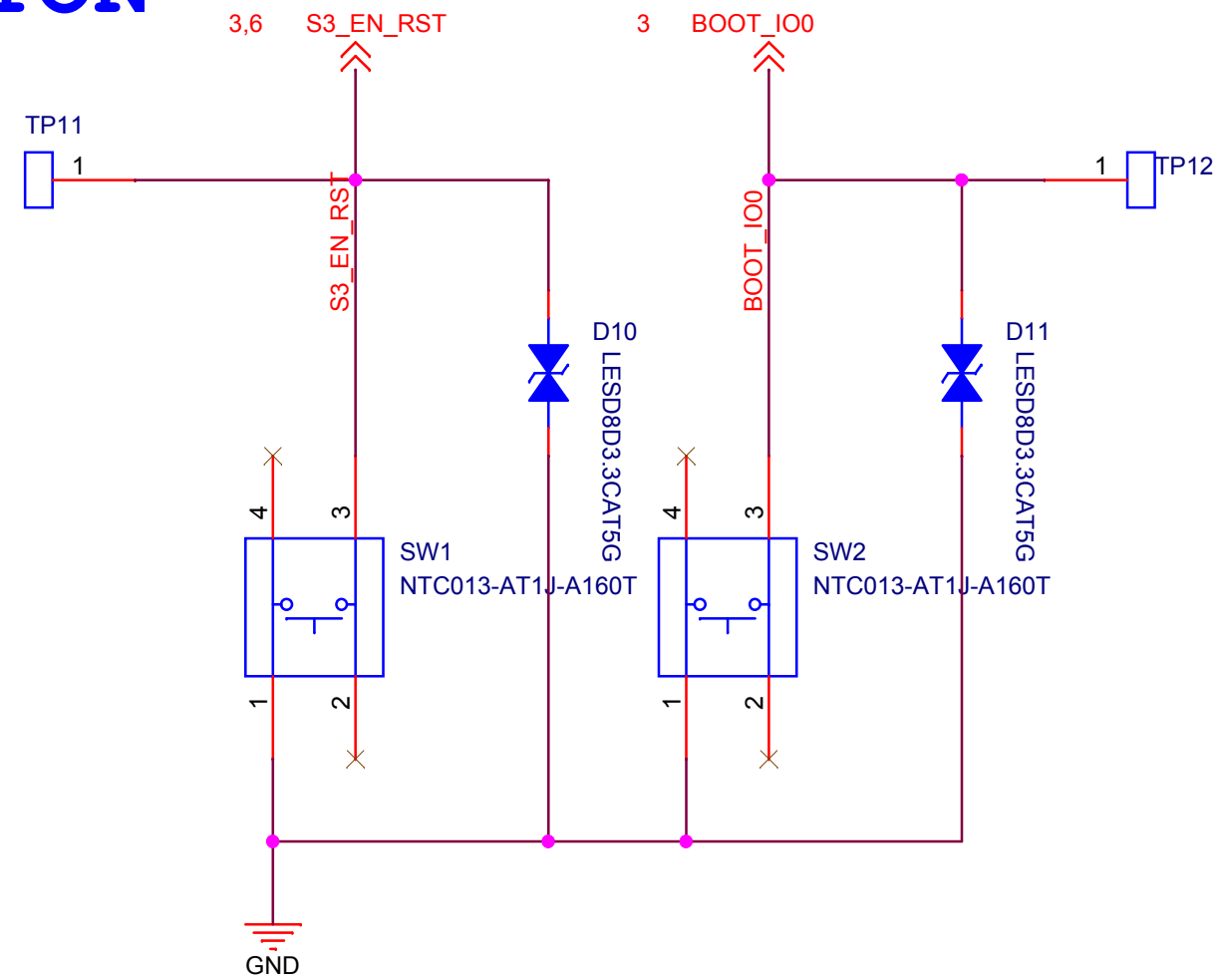
Size A4	Page Name USB to UART	Rev 1.4	Proprietary
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# LED

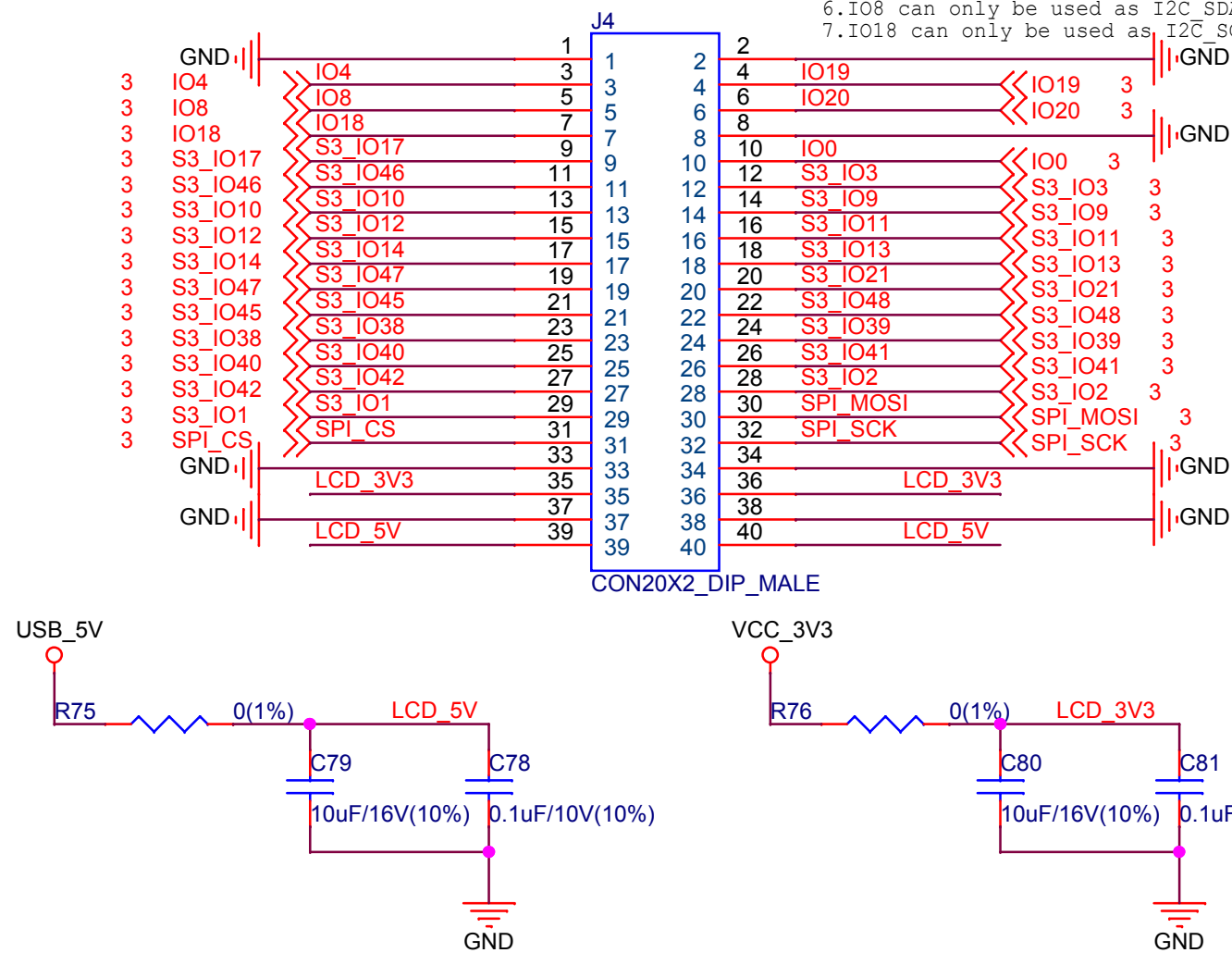


# BUTTON

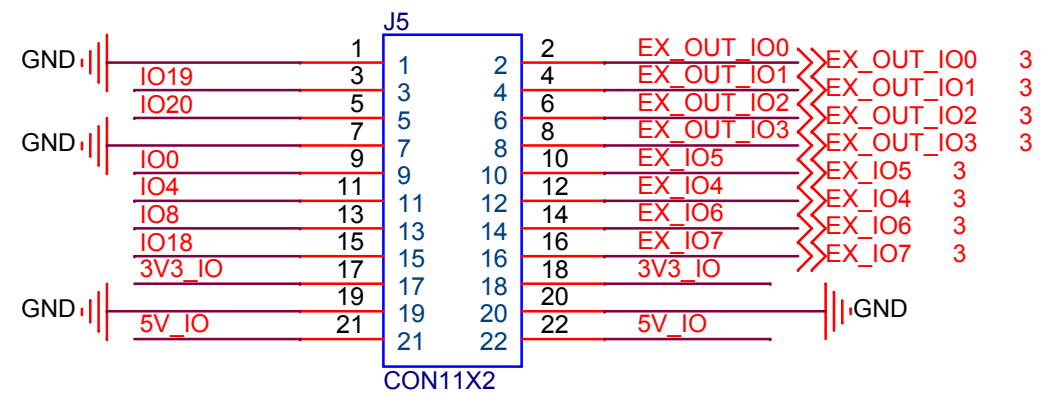


# Connector to SUB

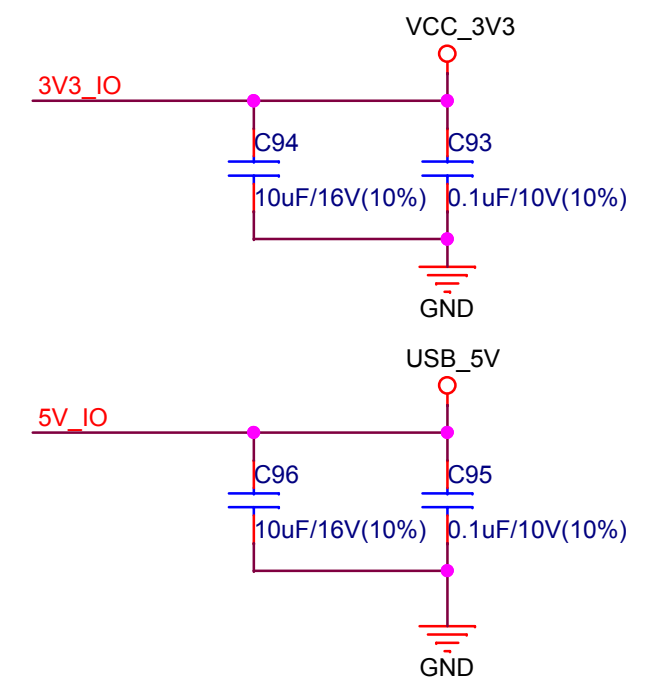
NOTE:  
 1. IO19/IO20 can not be used when USB function is running.  
 4. IO0 can only be used when system configuration is finished.  
 5. IO4 can not be used when SPI is from S3 IO or WS2812\_CTRL is used.  
 6. IO8 can only be used as I2C SDA function.  
 7. IO18 can only be used as I2C\_SCL function.



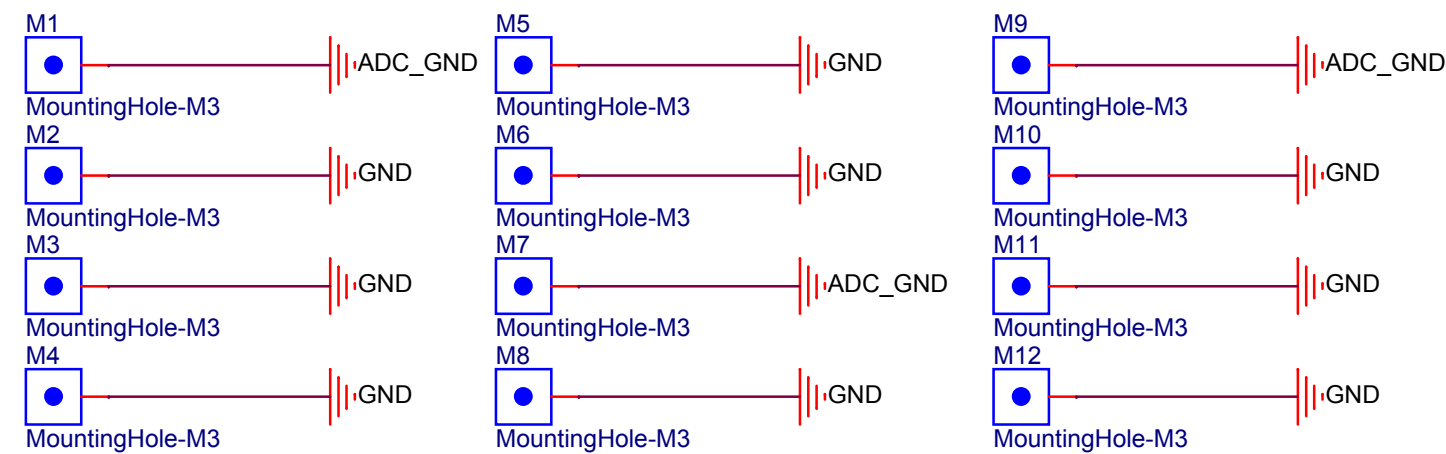
# IO for Customer Use



NOTE:  
 1. EX\_OUT\_IO0 can not be used when PA\_CTRL is used.  
 2. EX\_OUT\_IO1/EX\_OUT\_IO2/EX\_OUT\_IO3 can not be used when SPI is from IO Expander.  
 3. IO19/IO20 can not be used when USB function is running.  
 4. IO0 can only be used when system configuration is finished.  
 5. IO4 can not be used when SPI is from S3 IO or WS2812\_CTRL is used.  
 6. IO8 can only be used as I2C SDA function.  
 7. IO18 can only be used as I2C\_SCL function.



# Support Board Holes



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