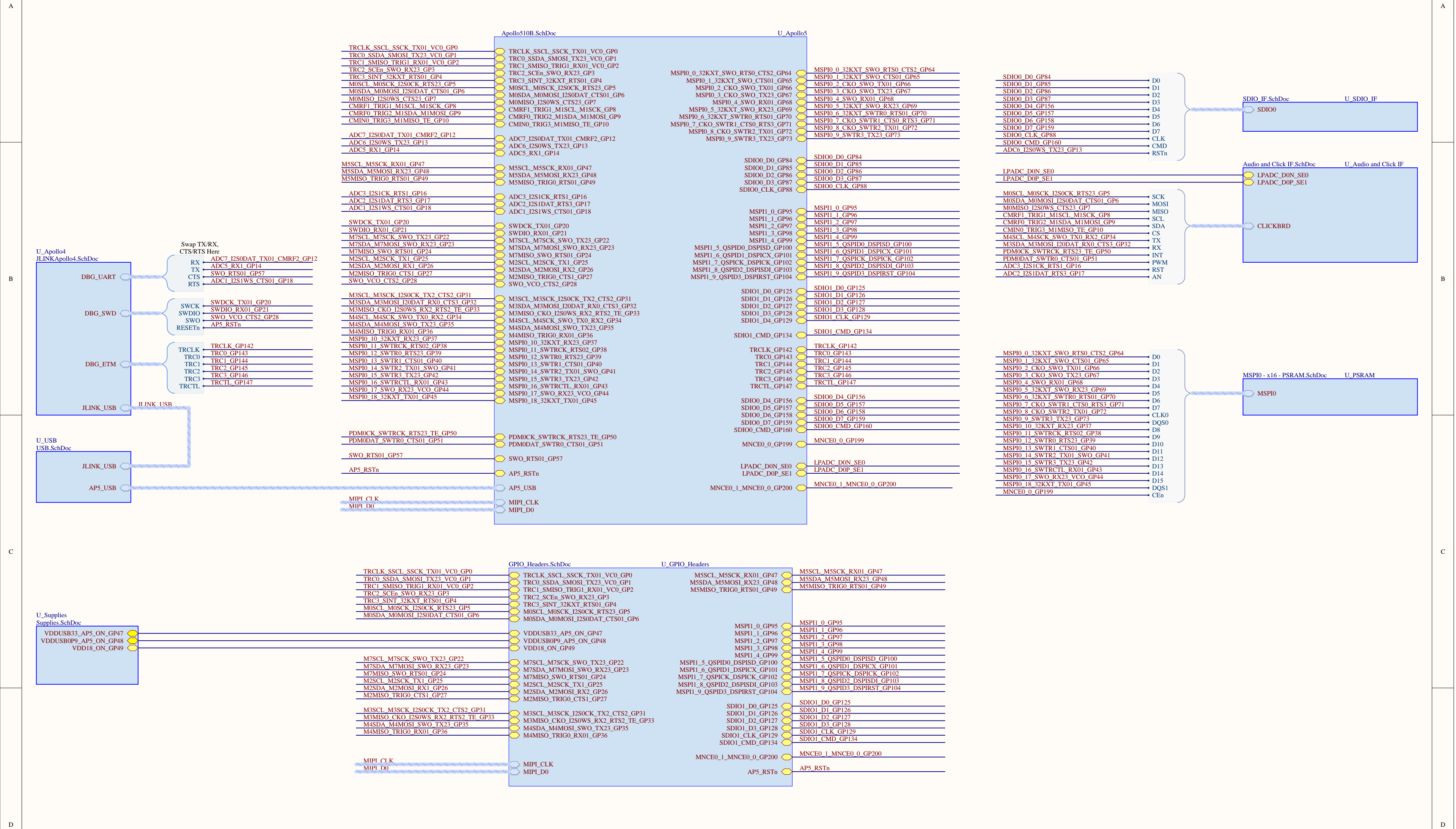


# Apollo510B EVB Connection Diagram



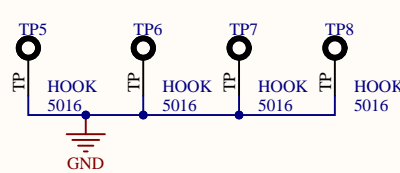
## Fiducial Marks

FID1 FID2 FID3

## M3 Standoffs

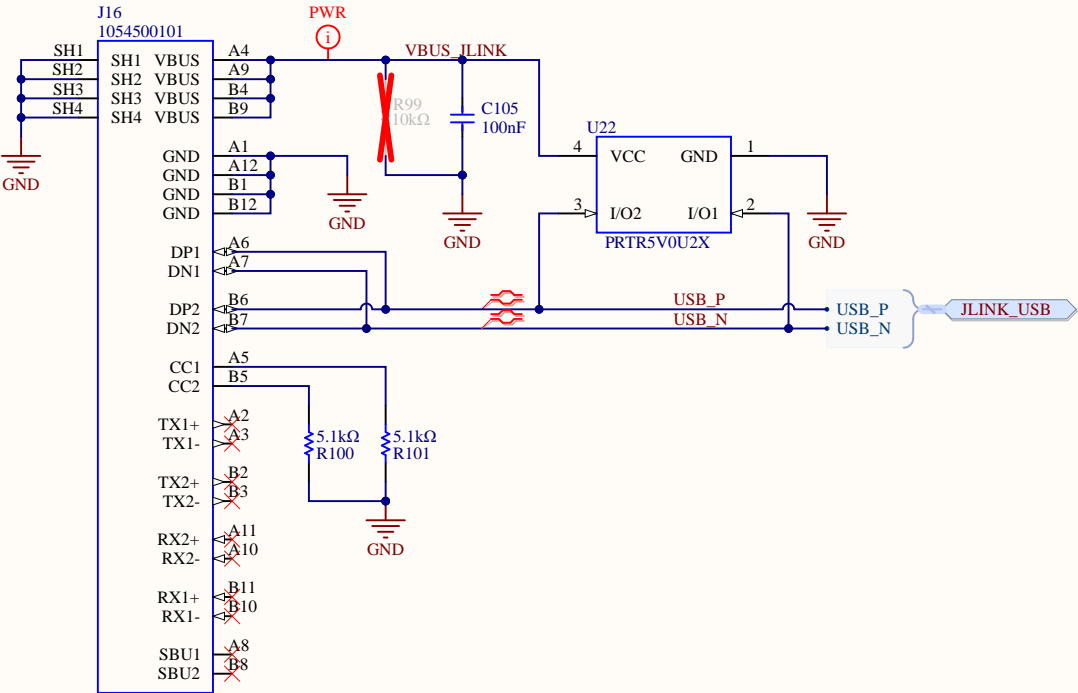
MP1 MP2 MP3 MP4

## GND Hooks

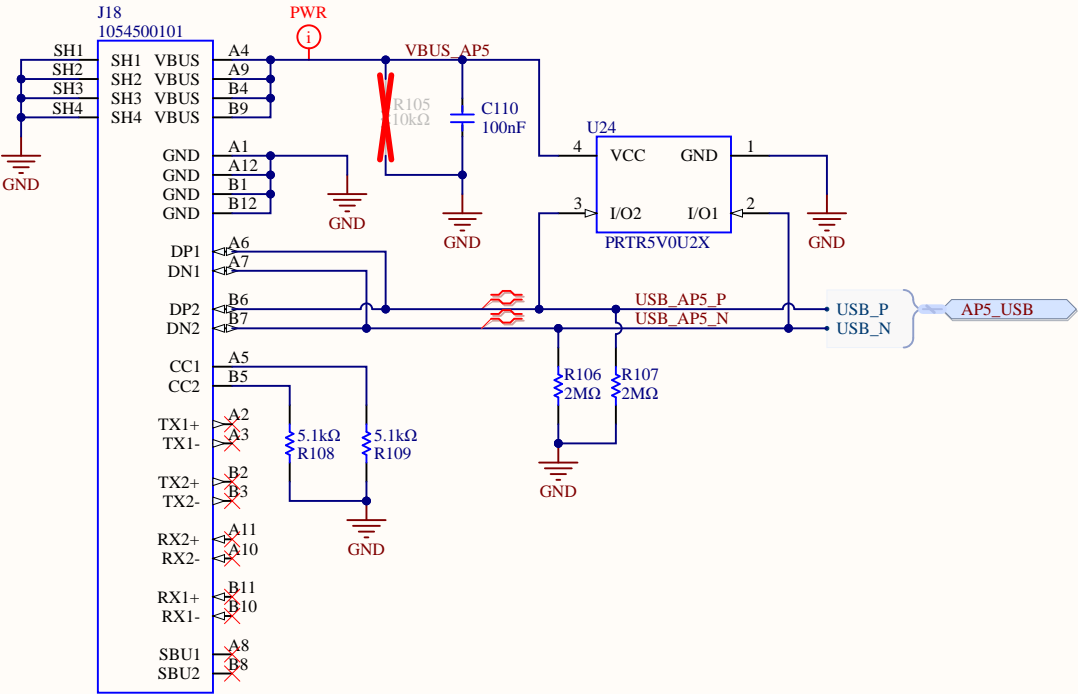


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Sheet Name	Top Level	Sheet 1 of 9	
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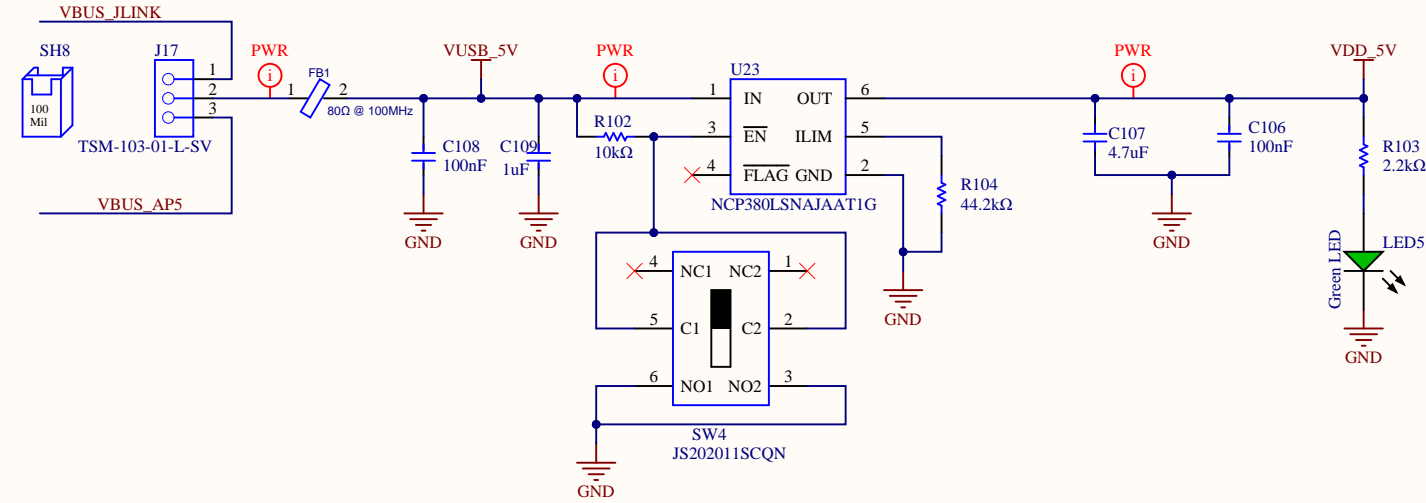
USB-C Connector



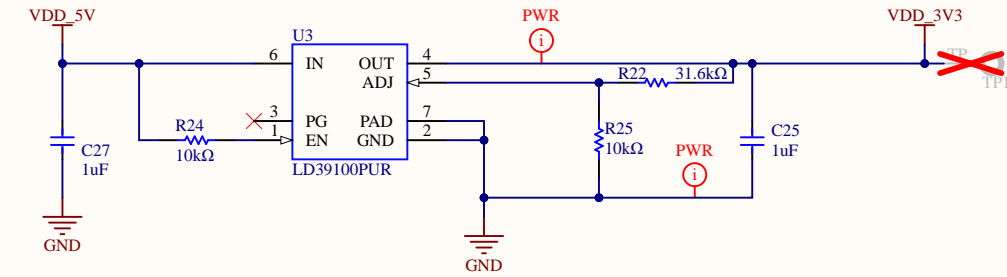
AP5 USB-C Connector



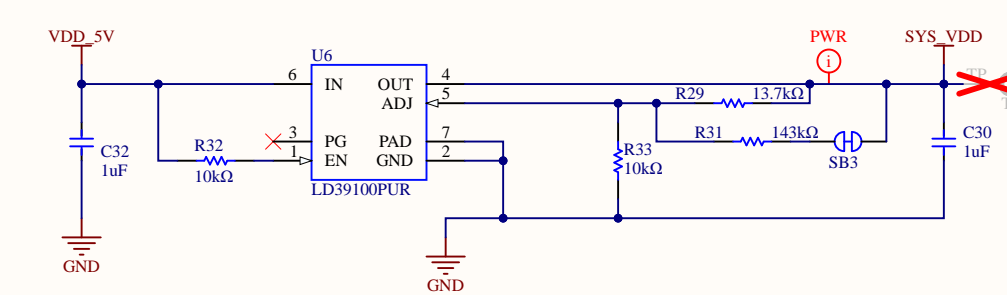
5V Source Select & USB Protection Circuit



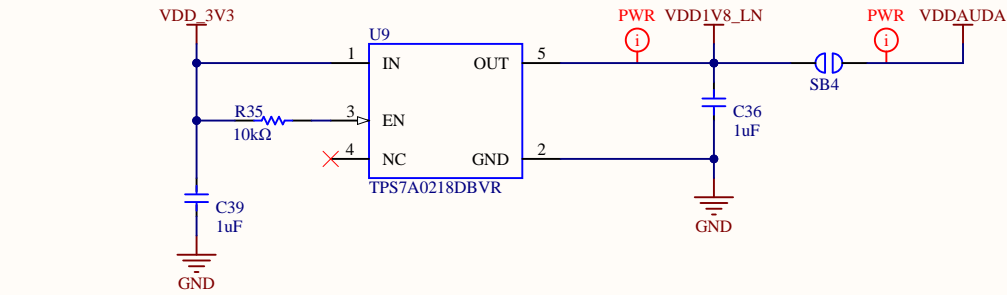
3.3V Supply



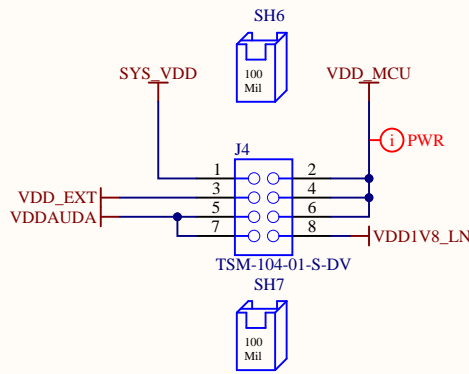
1.8V Supply



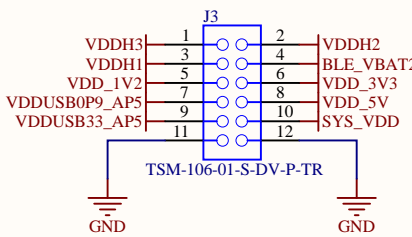
1.8V Low Noise Supply



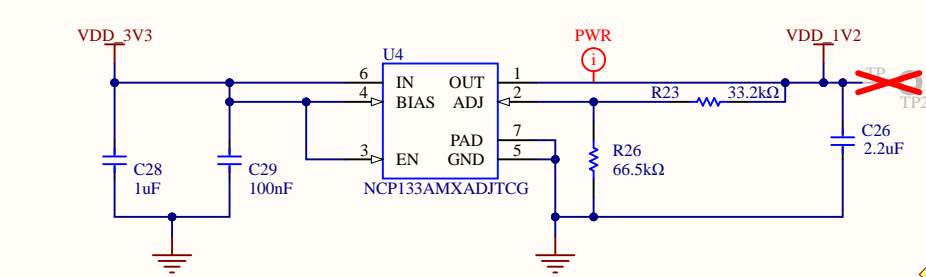
Supply selection



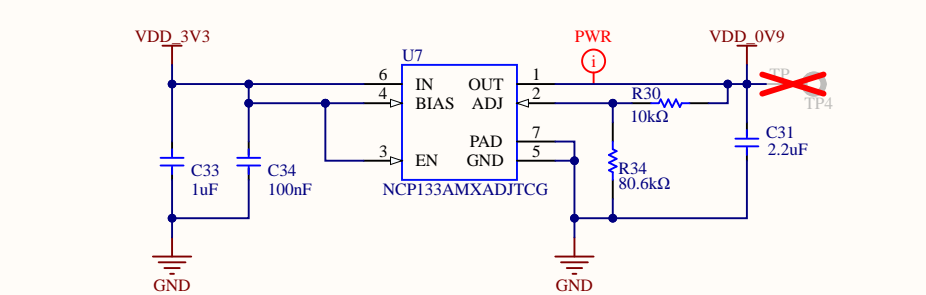
Supply visibility



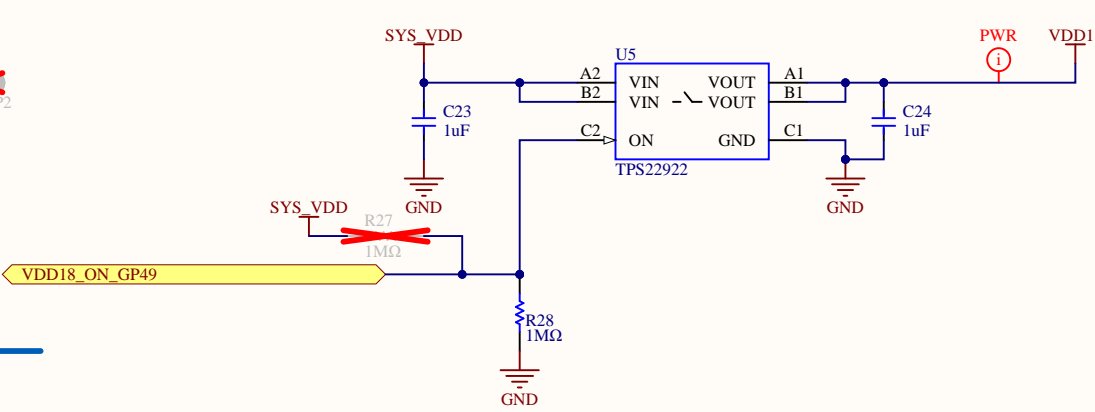
1.2V Supply



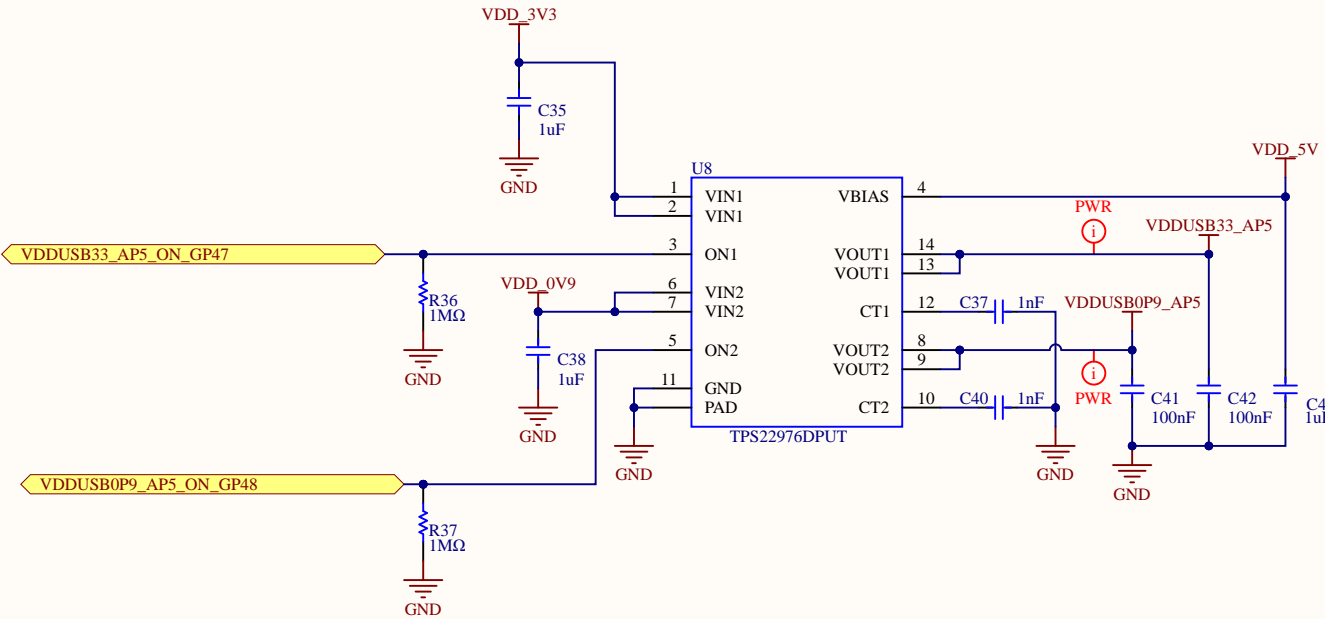
0.9V USB Supply



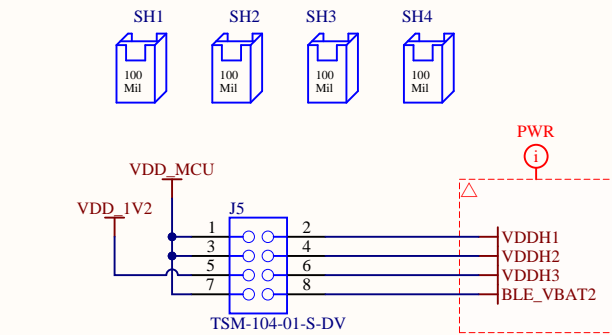
Display Controller Loadswith



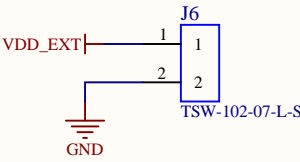
USB Sequencing



Power Configuration Header

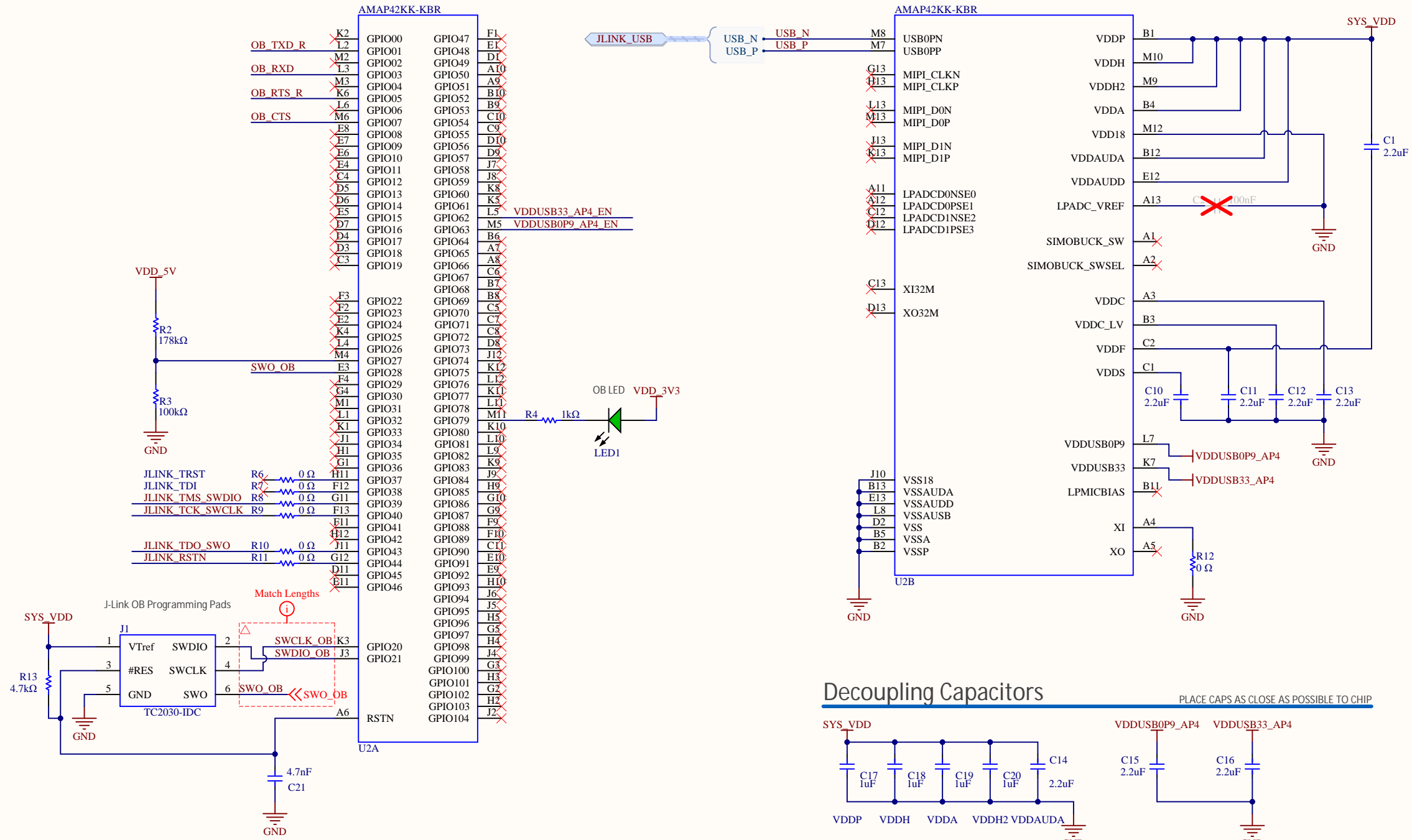


External Supply Input

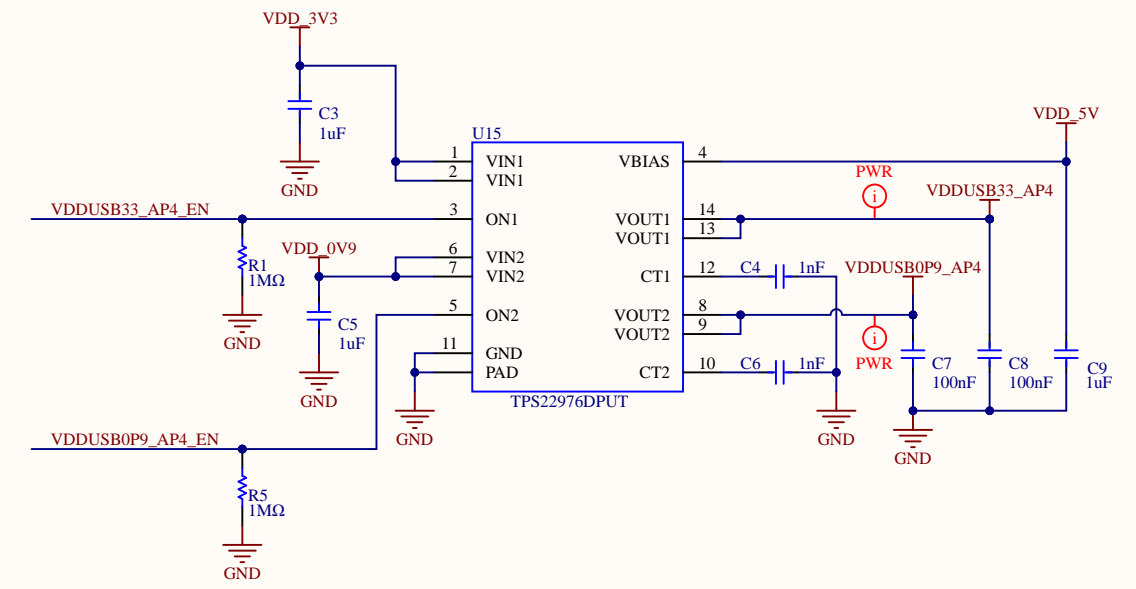




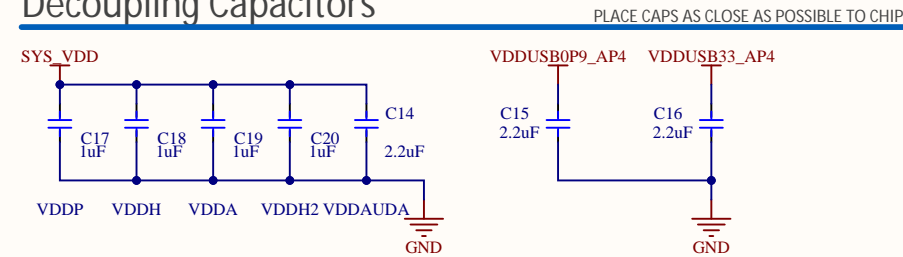
## JLINK OB Debugger



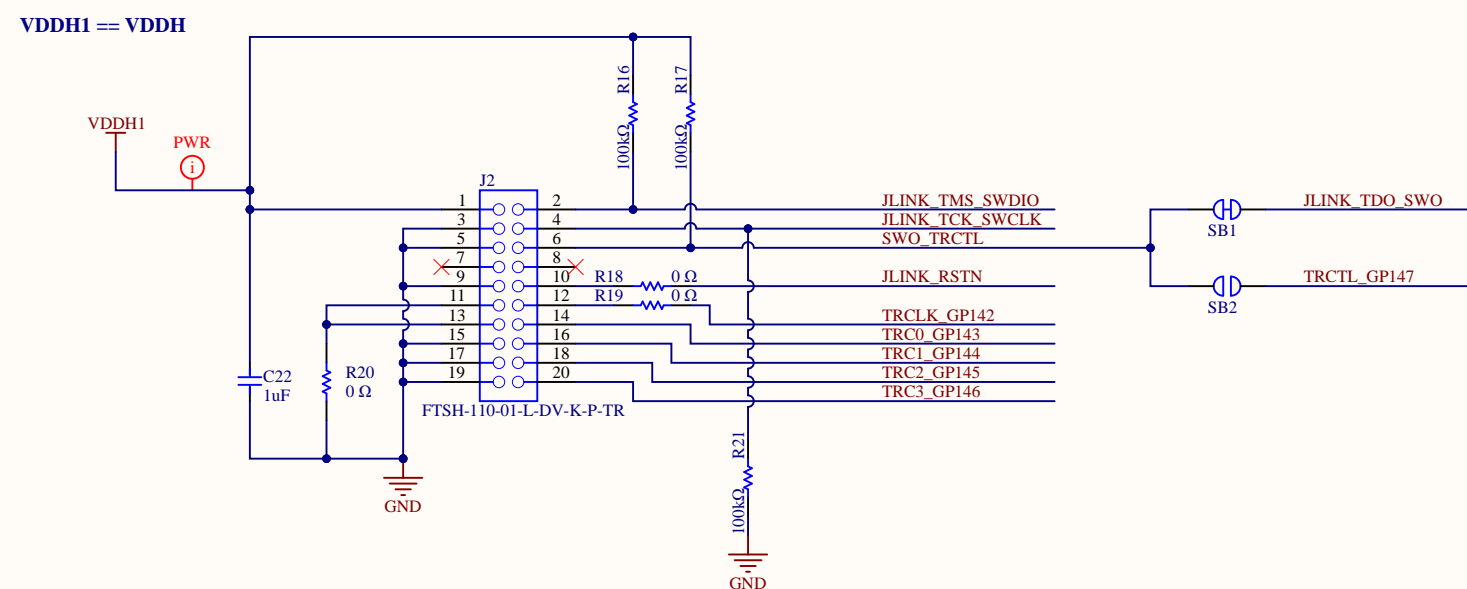
## USB Sequencing for OB



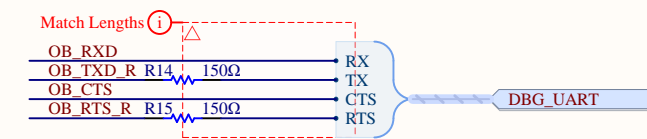
## Decoupling Capacitors



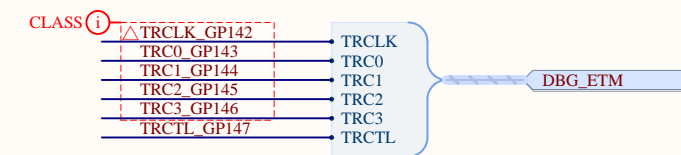
## 20Pin Cortex Debug + ETM



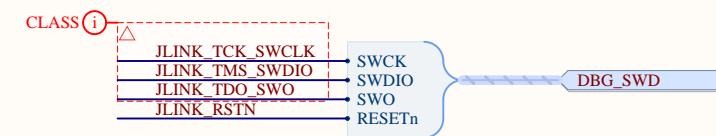
## VCOM Interface



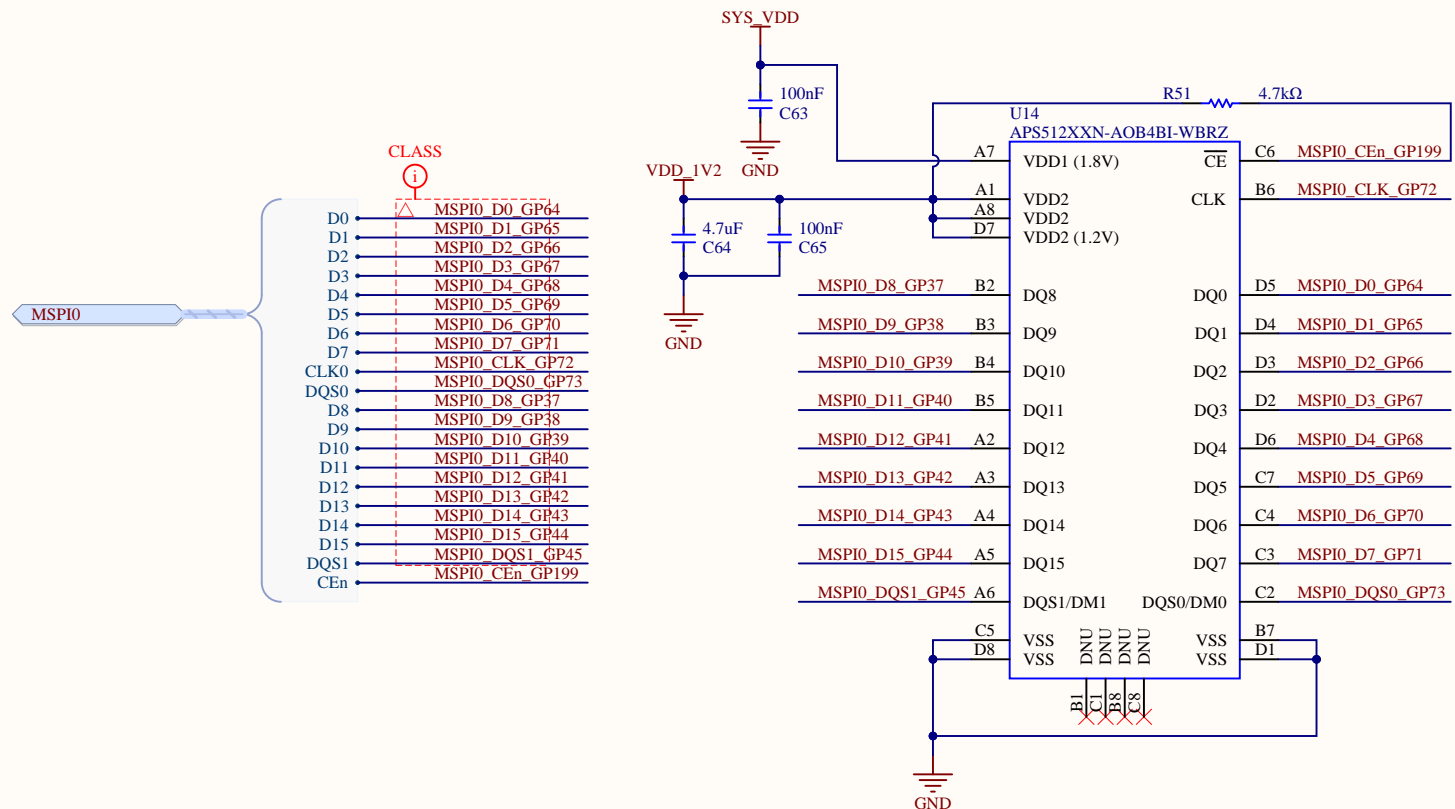
## ETM Interface



## Target Debug Interface



# MSPI0 - x16 - AP PSRAM



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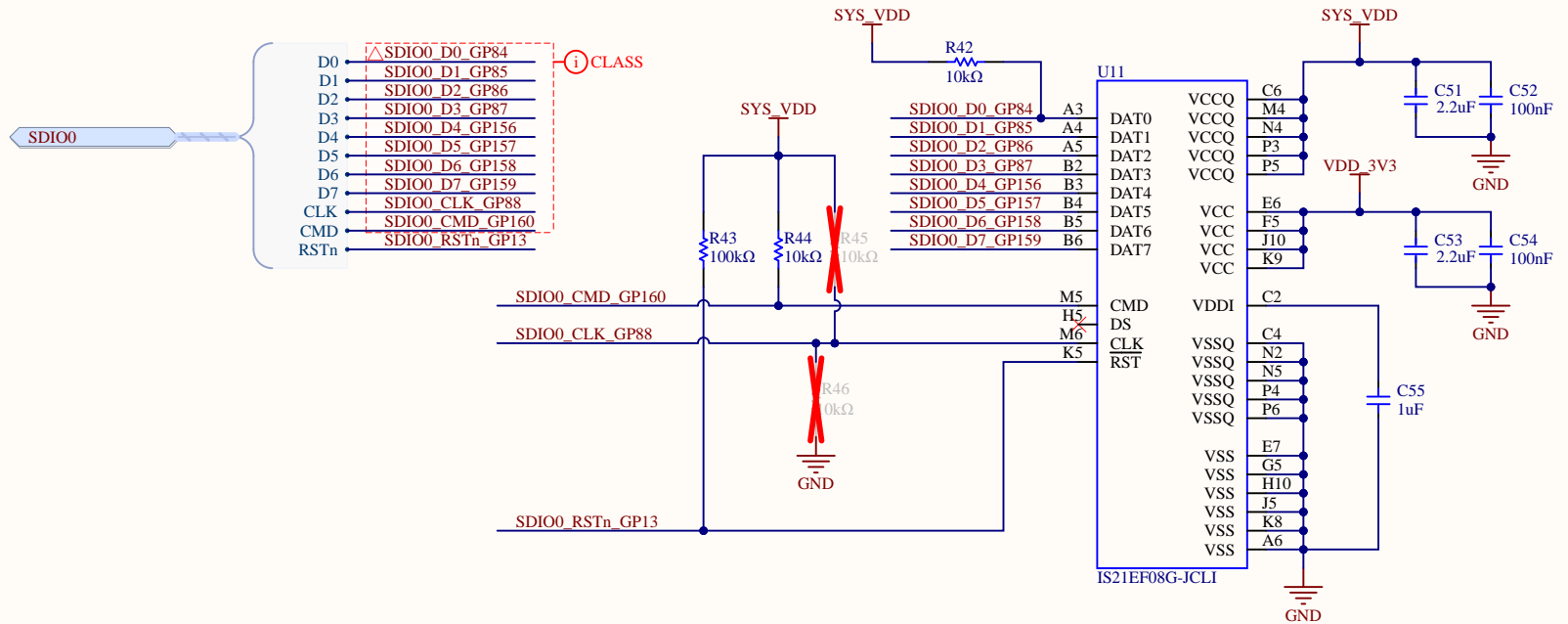
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## SDIOs Ports

## eMMC0



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Apollo510B EVB

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SDIO\_IF

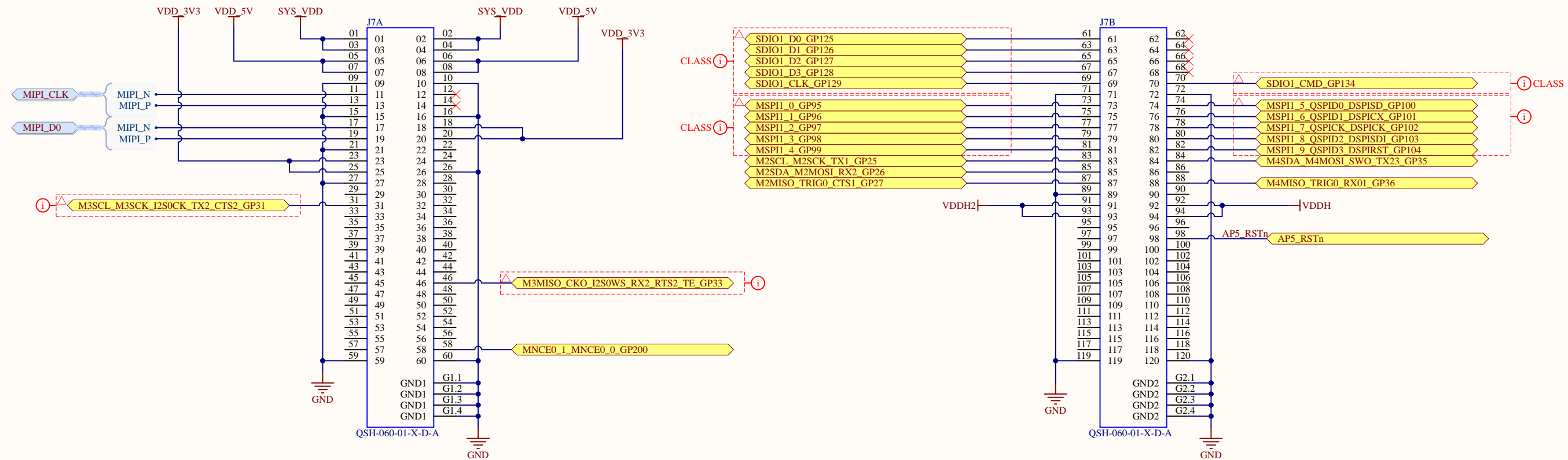
Sheet 7 of 9

Date  
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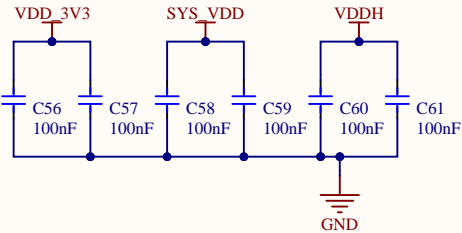
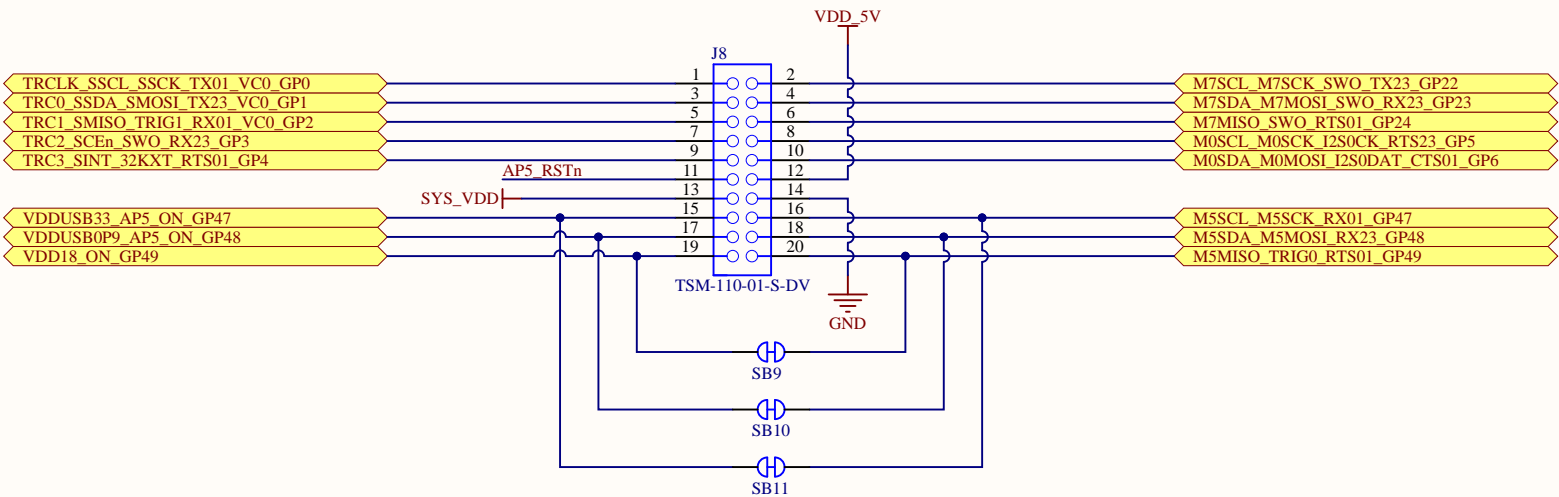
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High-speed header



GPIO headers





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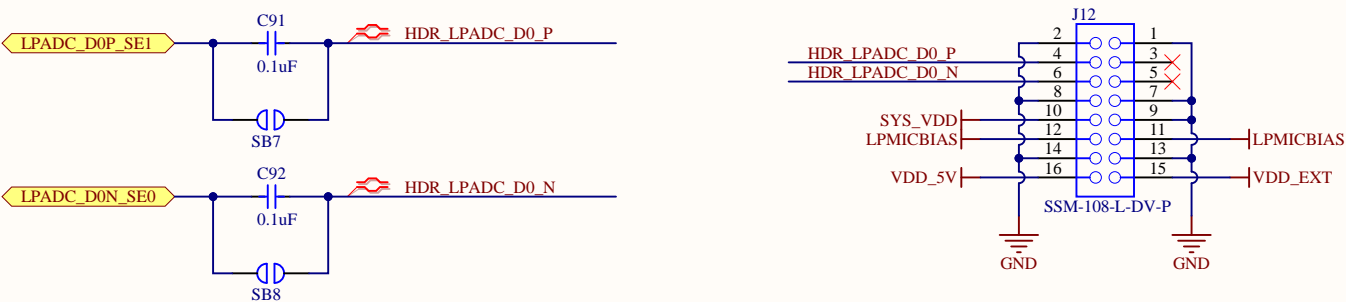
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Revision: 2.0

Sheet Name: GPIO\_Headers  
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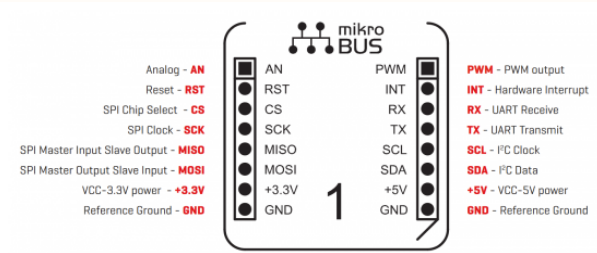
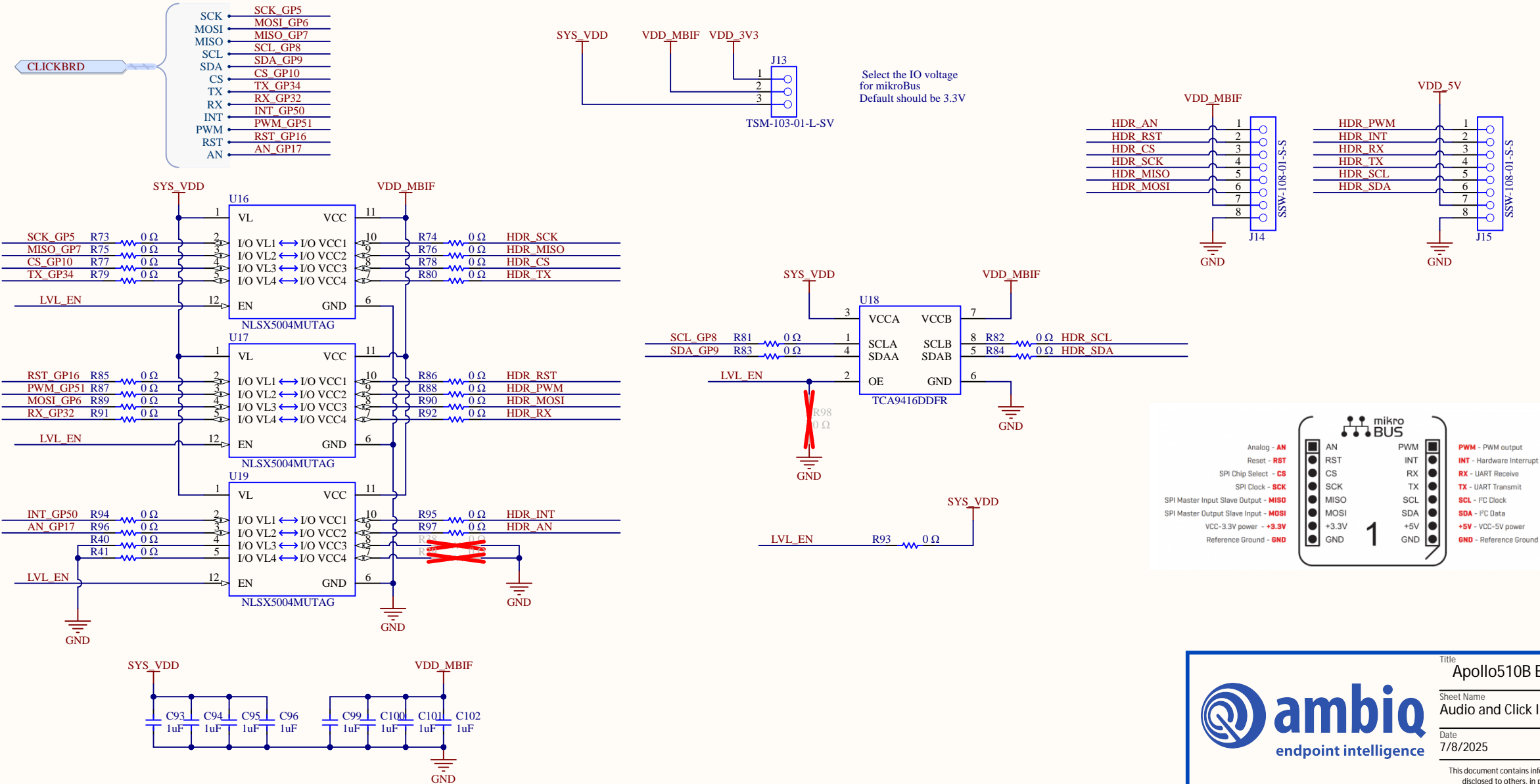
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Number: AP510BEVB


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LPADC Solder Bridge Options



ClickBoard Interface





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