

CONFIDENTIAL

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Service schematics

Lumia 430

Dual SIM

RM-1099



IMPORTANT

This document is intended for use by authorized Microsoft service centers only. Please use the document together with other documents such as the Service Manual and Service Bulletins.

Version information

While every effort has been made to ensure that the document is accurate, some errors may exist. Please always check for the latest published version for this document.

v1.0 - 23.03.2015
-First approved version.

v2.0 - 02.04.2015
-Front page updated.

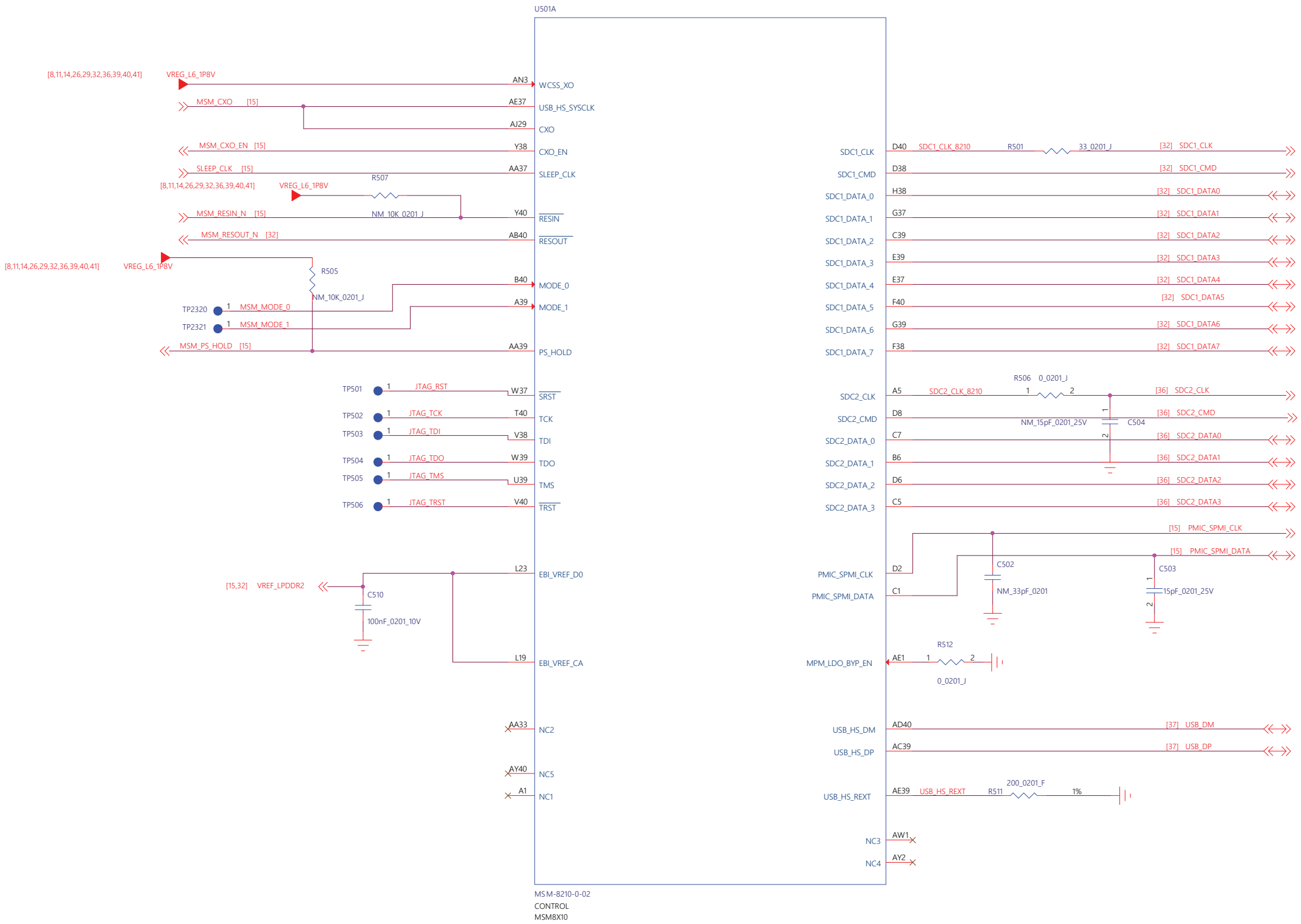
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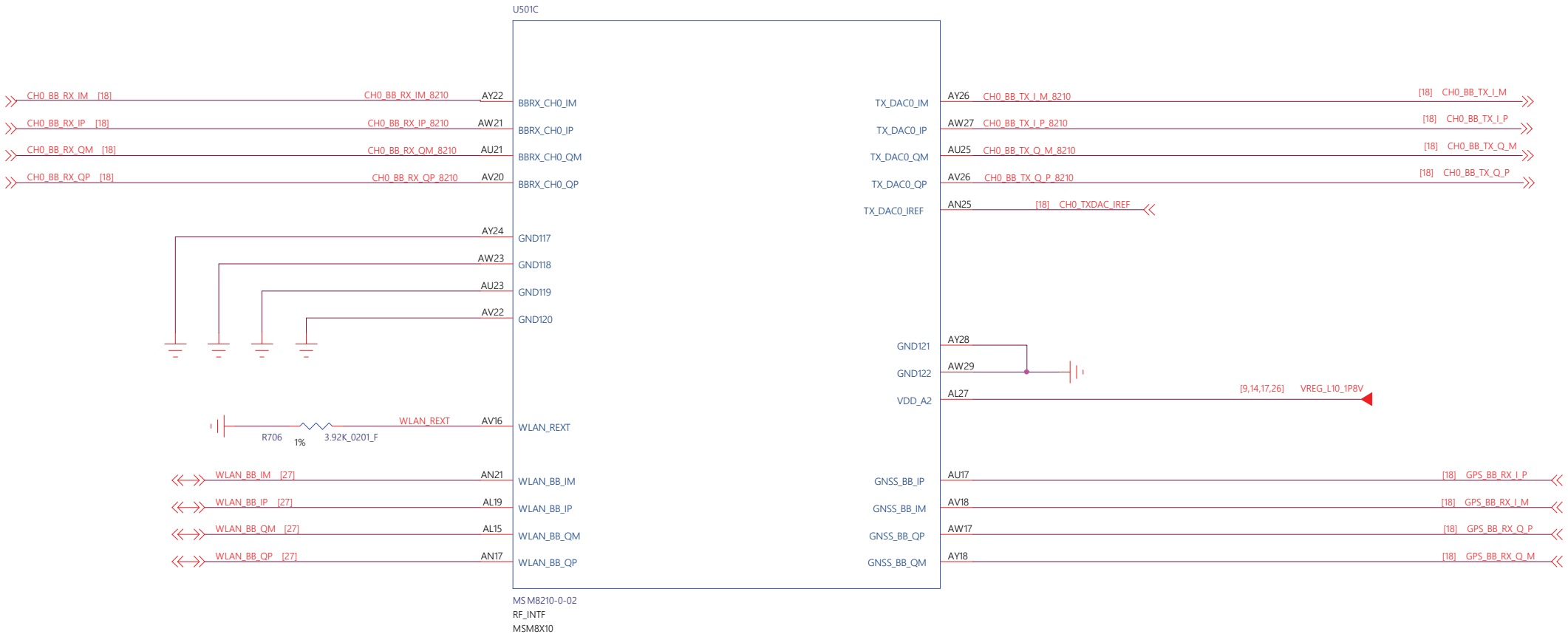


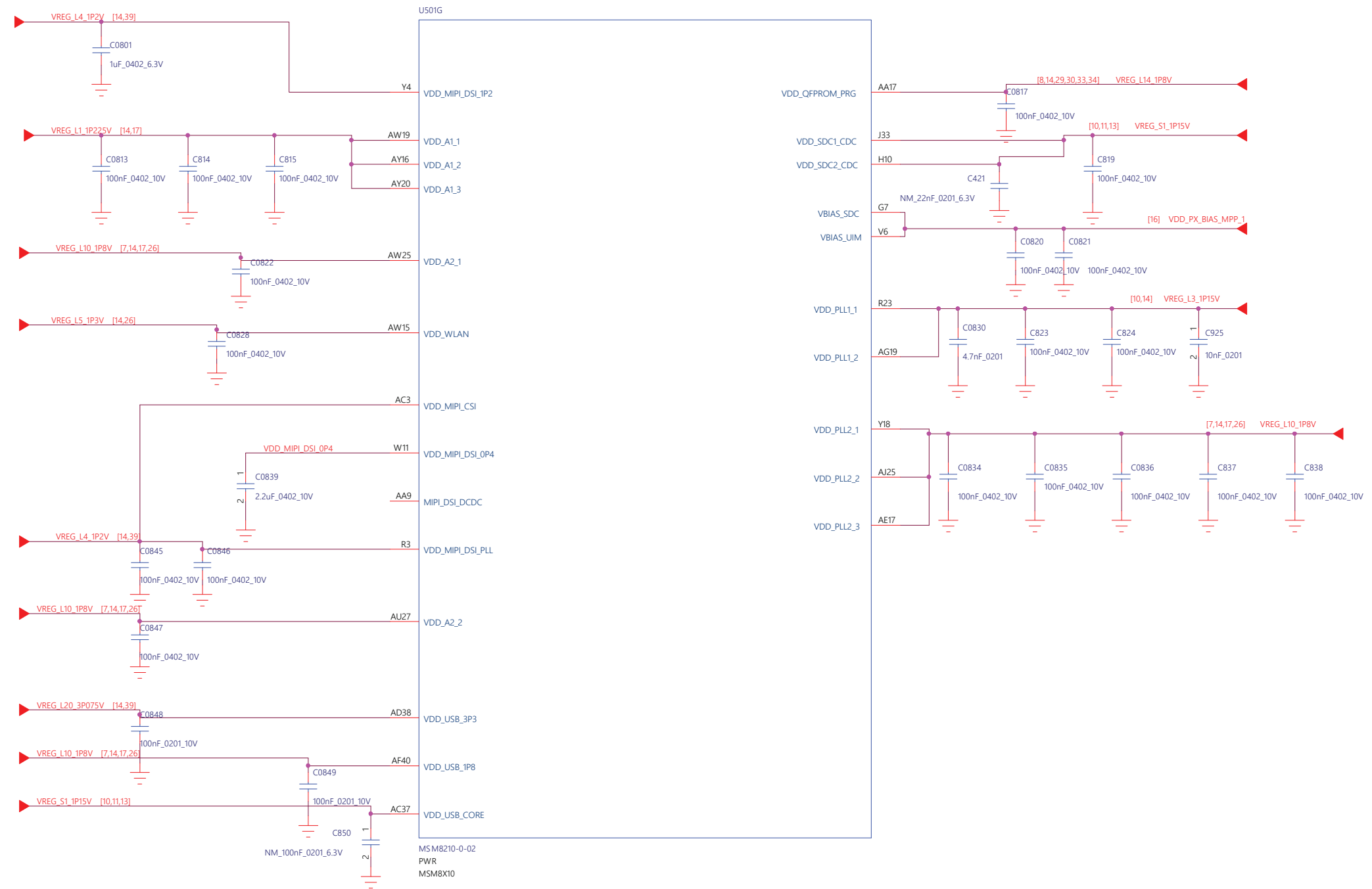
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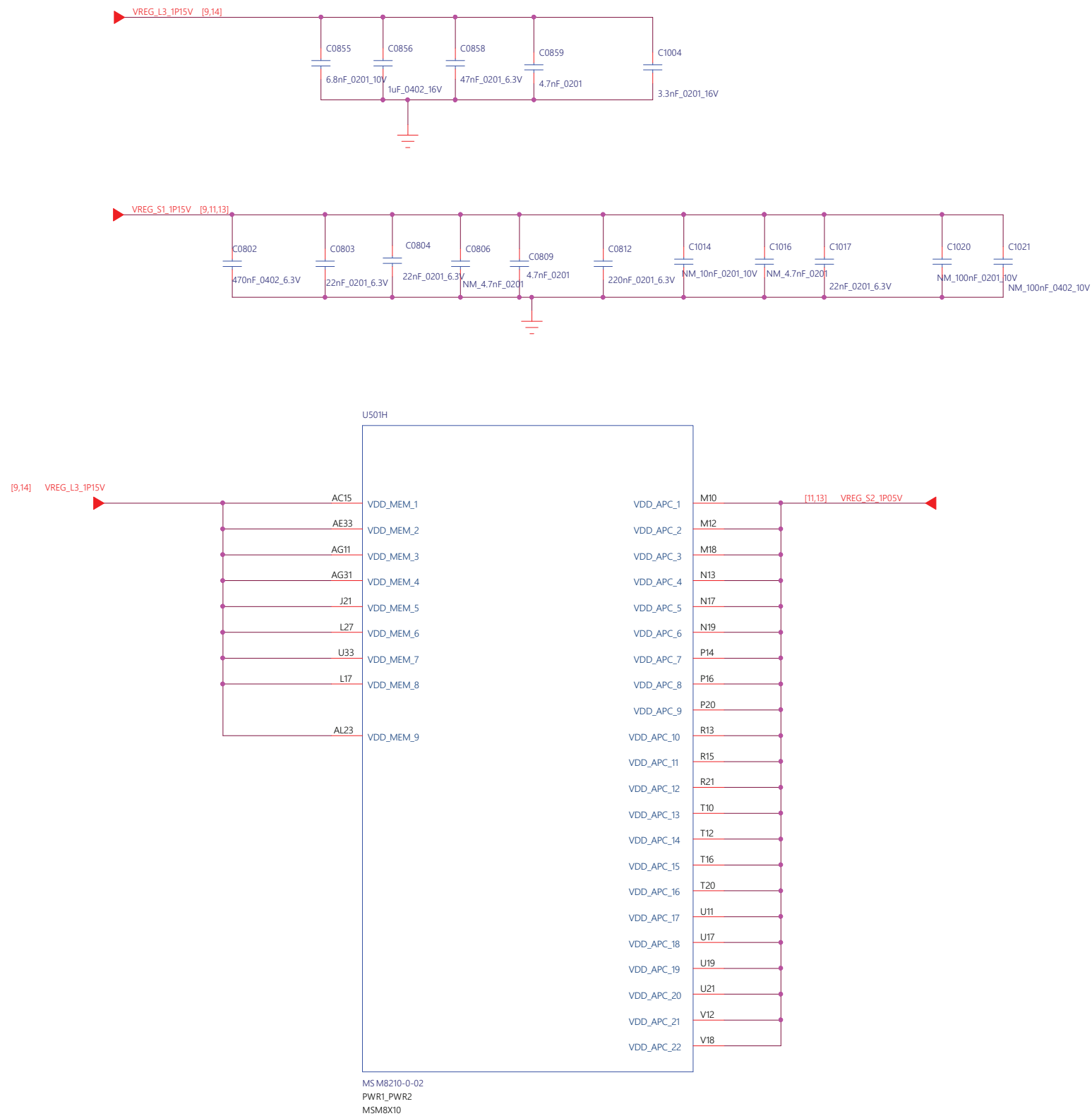
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- e-mail careacademy@microsoft.com

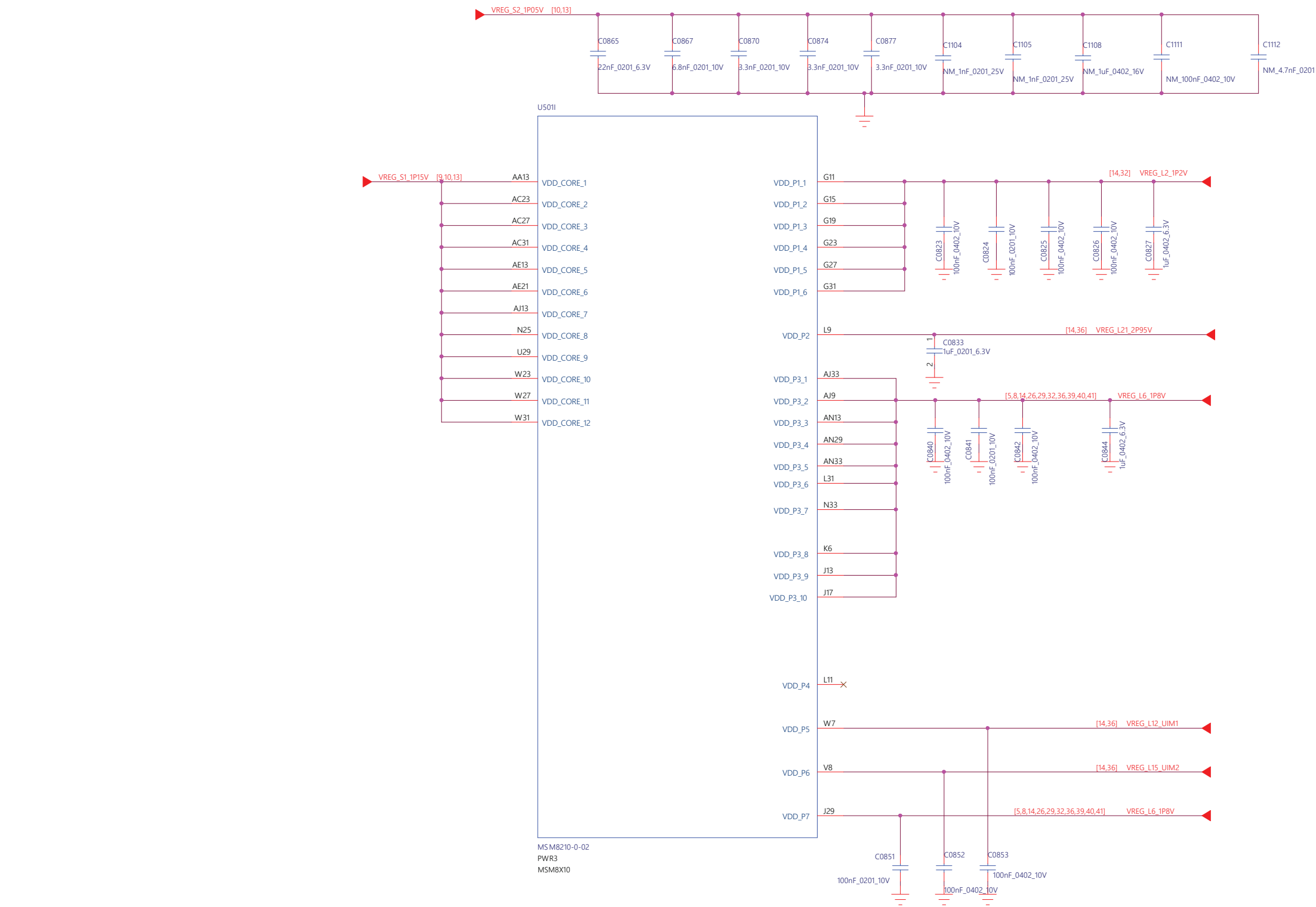


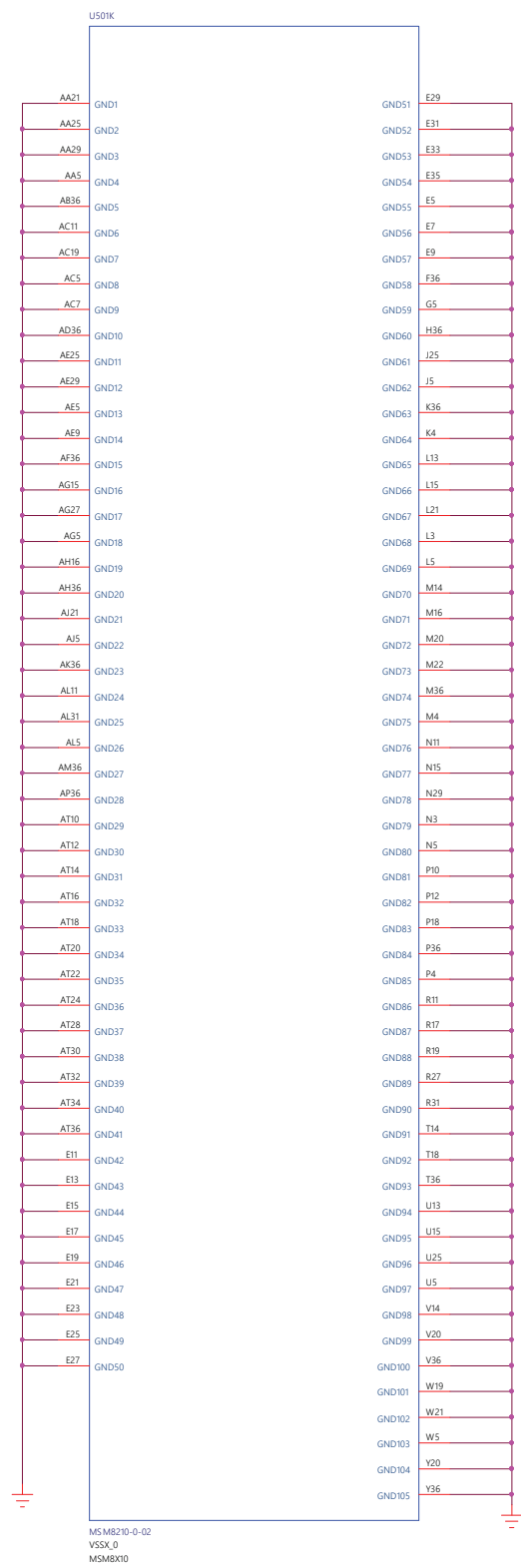


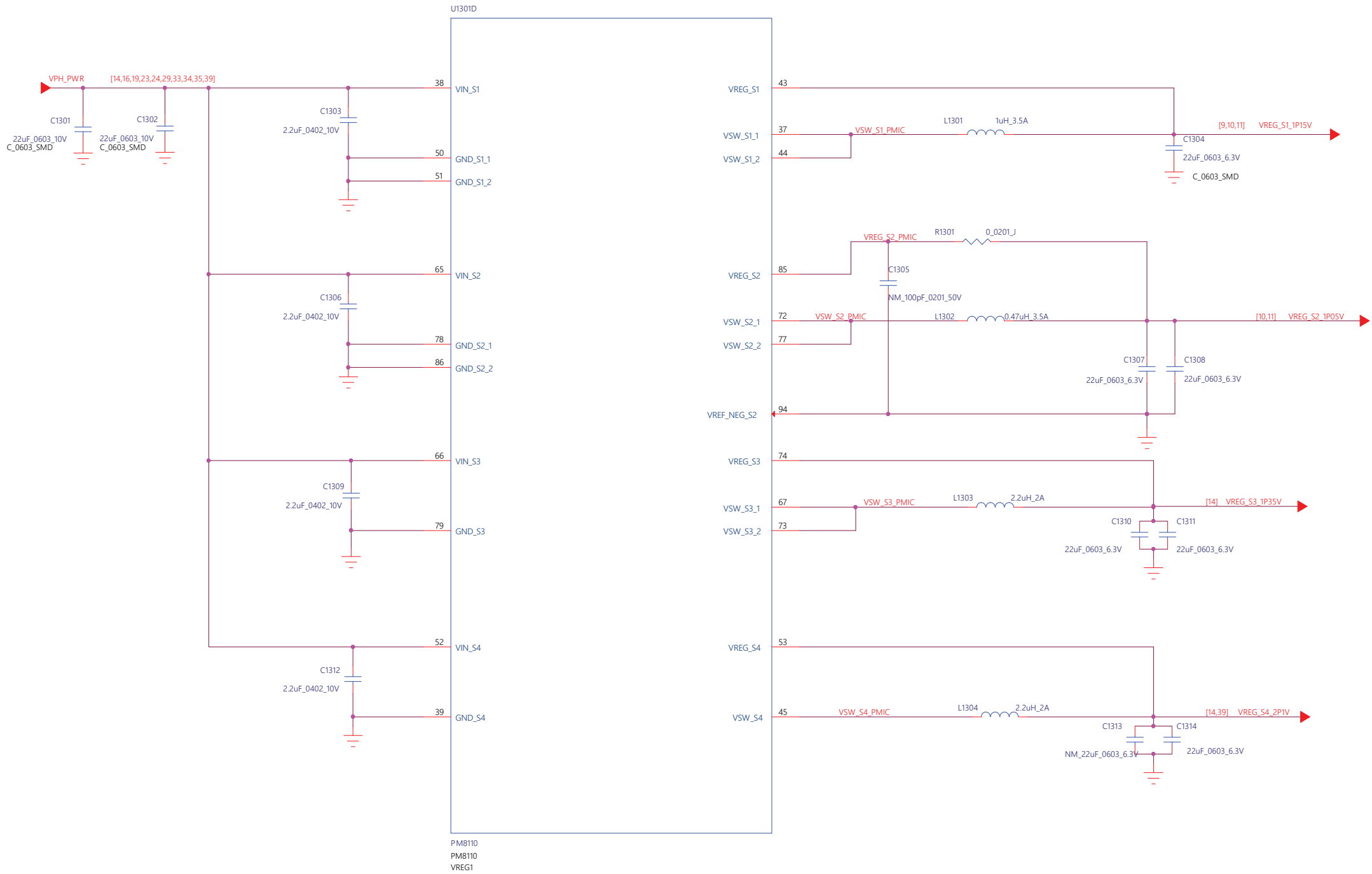


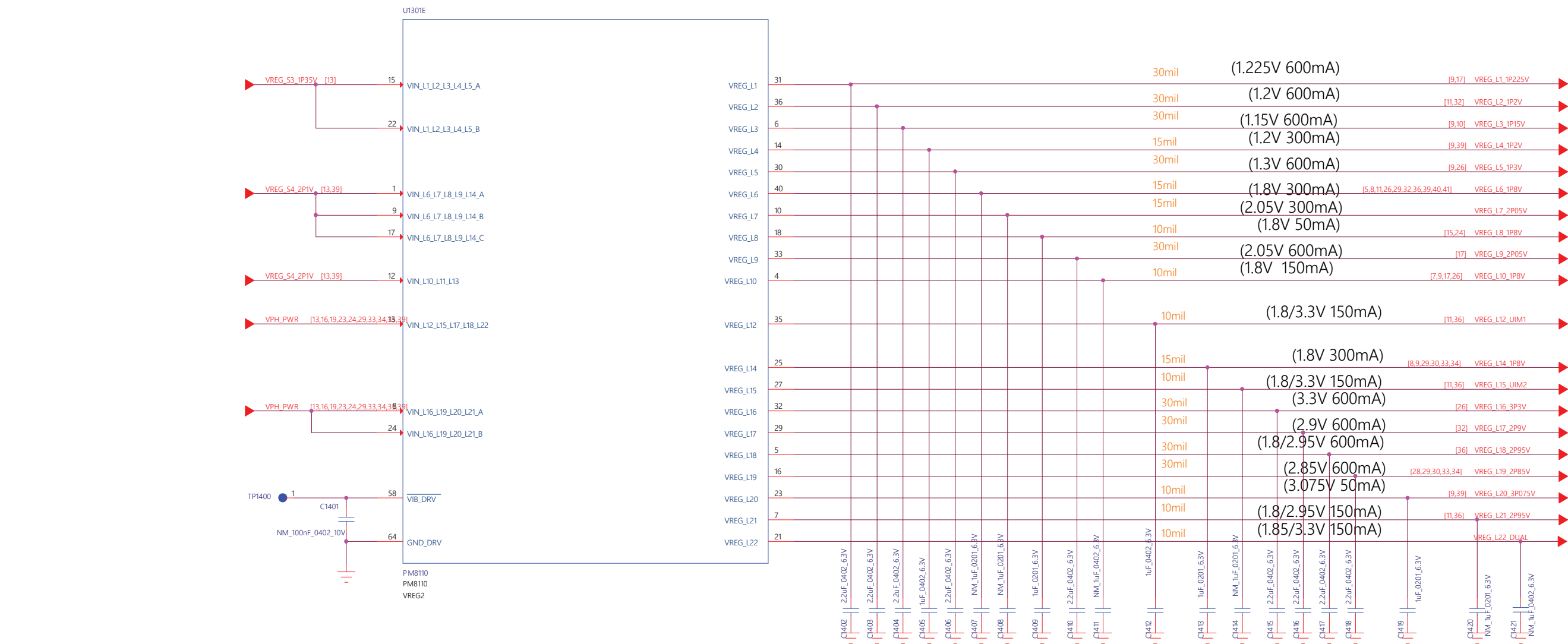


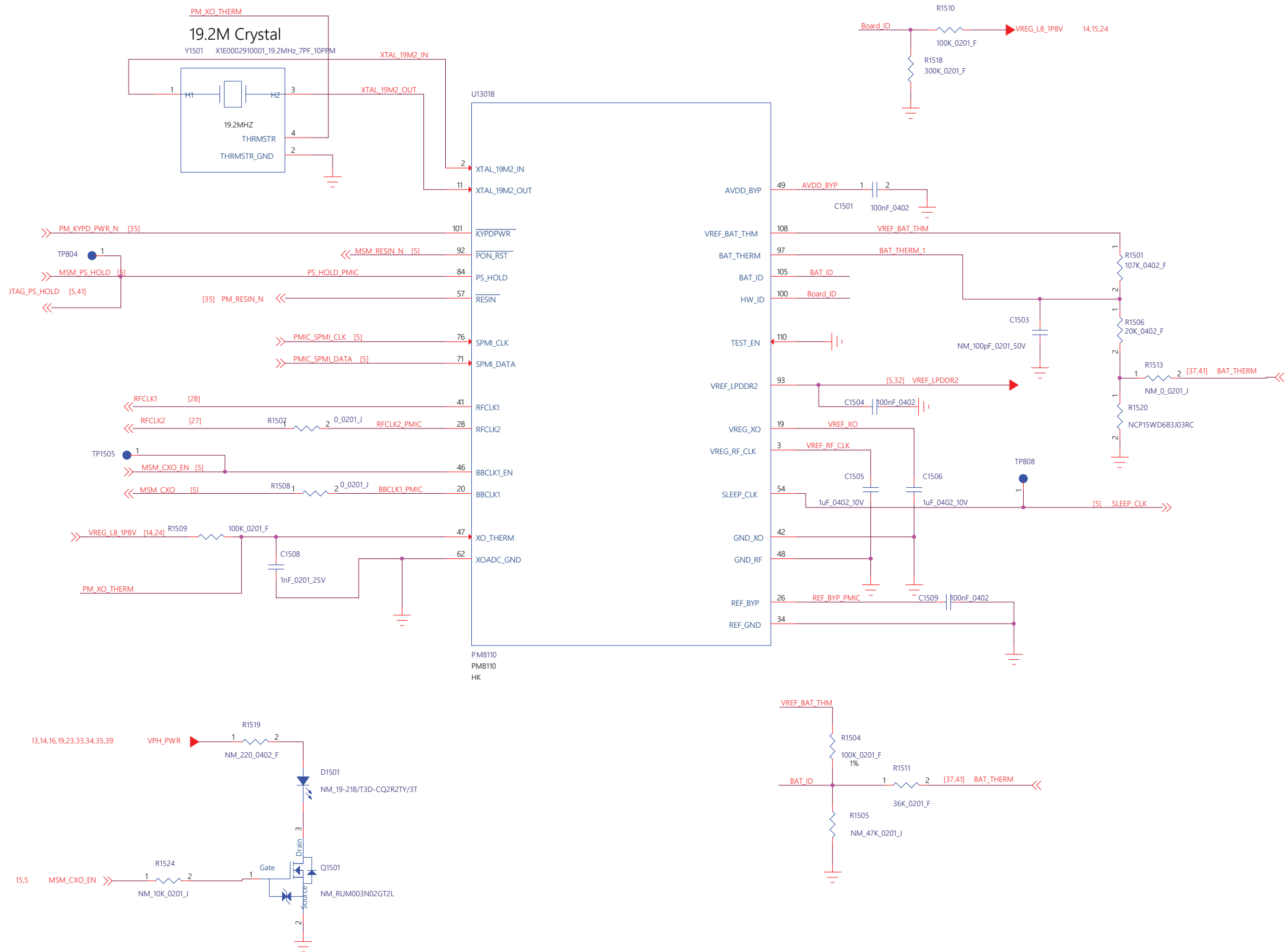


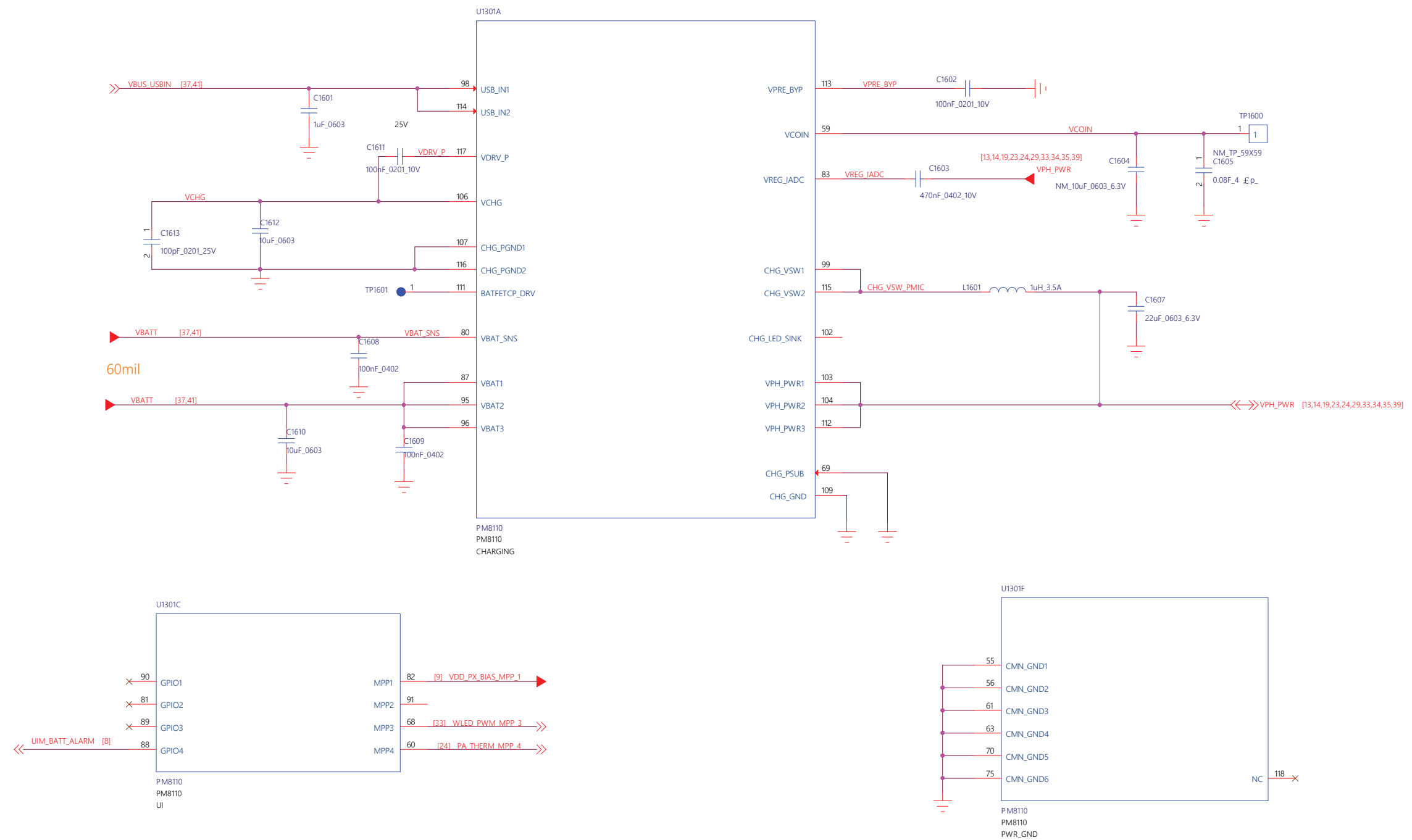






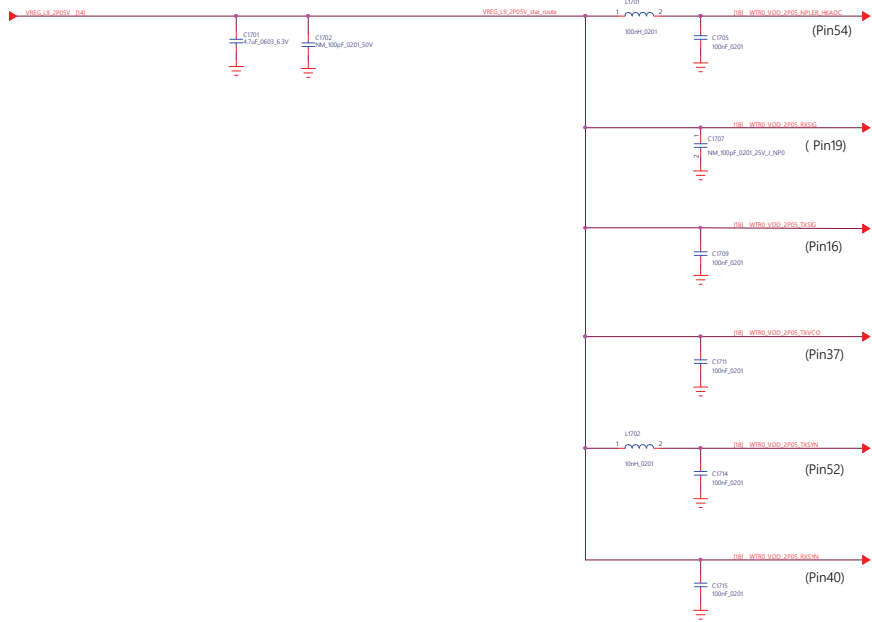




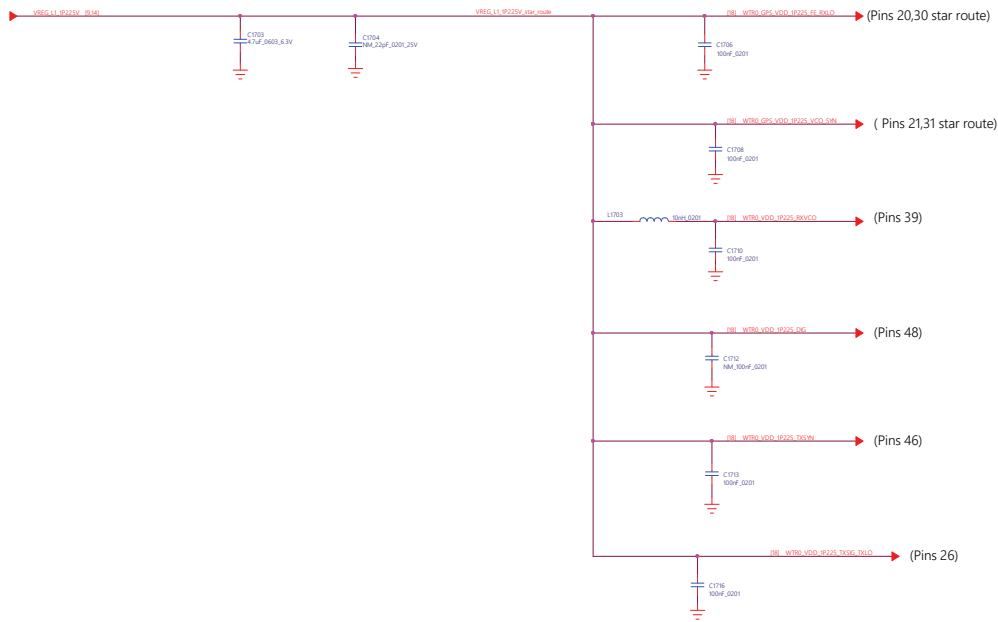


WTR2605_Primary path_ Power Distribution 2.05V,1.8V,1.225V

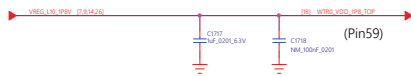
2.05V PWR BUS



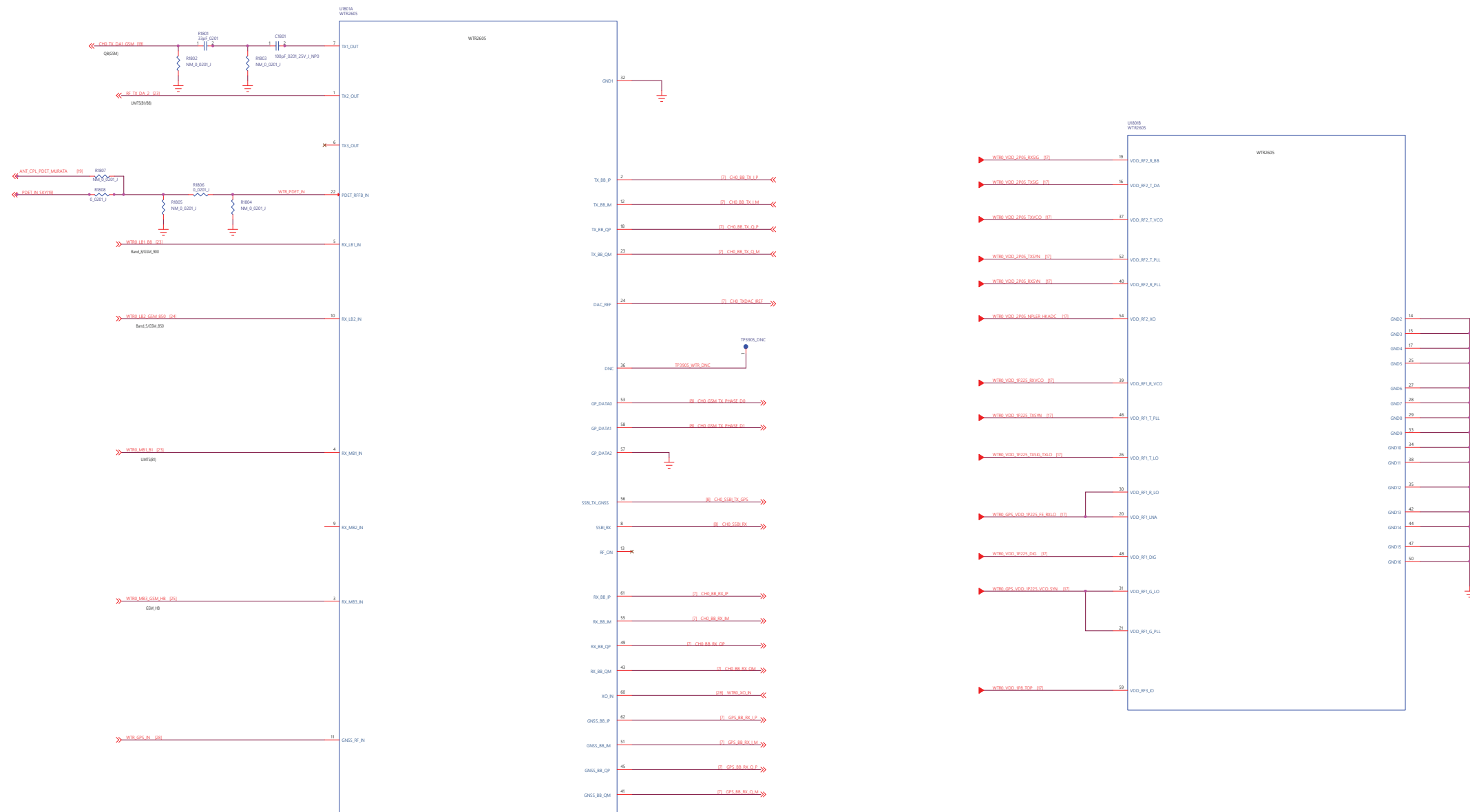
1.225V PWR BUS



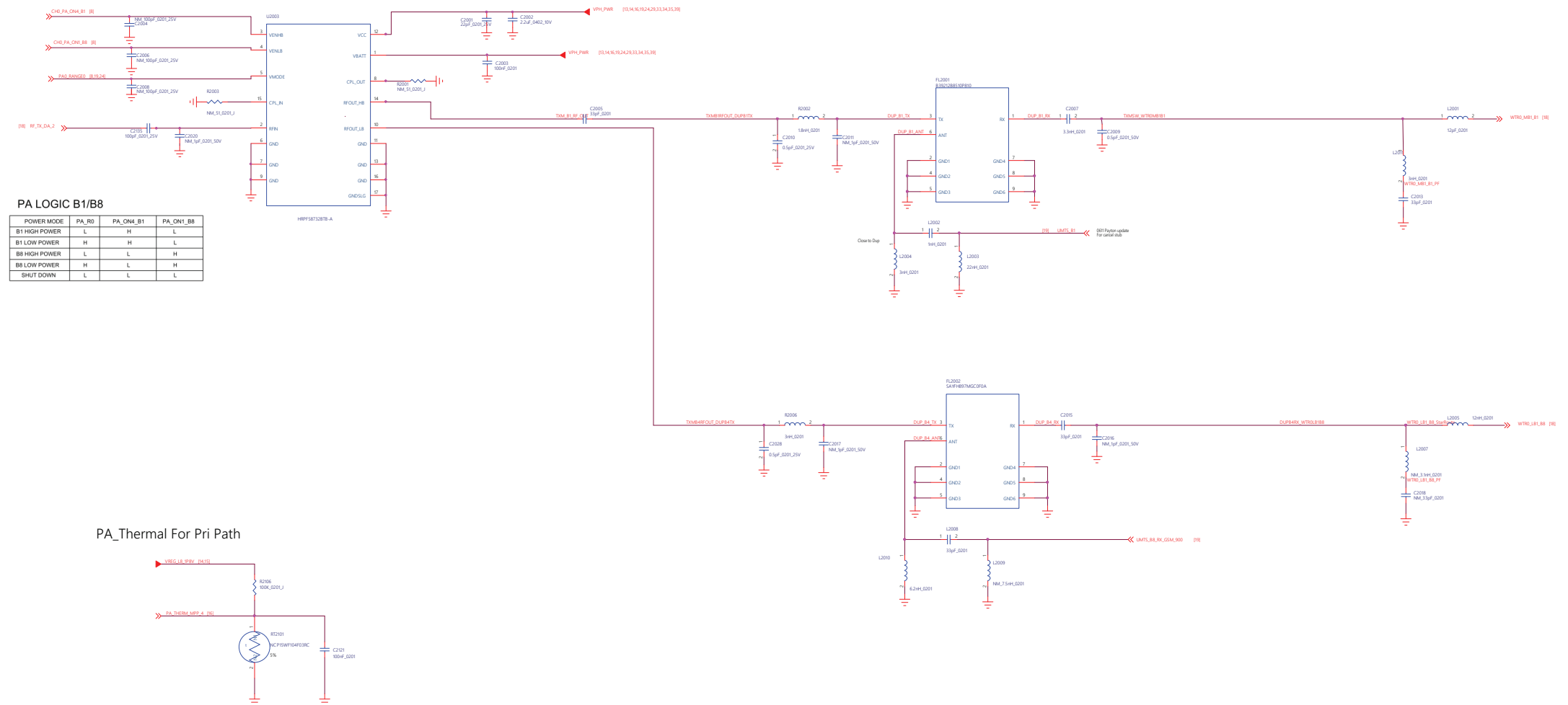
1.8V PWR BUS



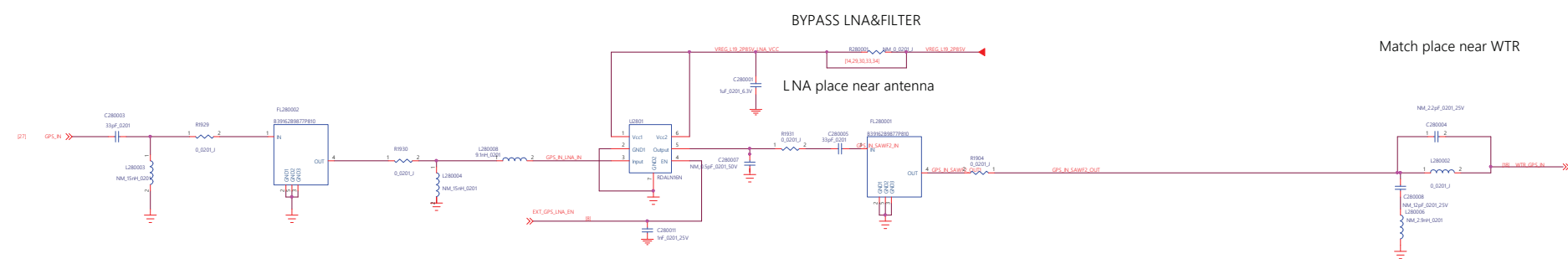
WTR2605_Primary Path



B1/B8



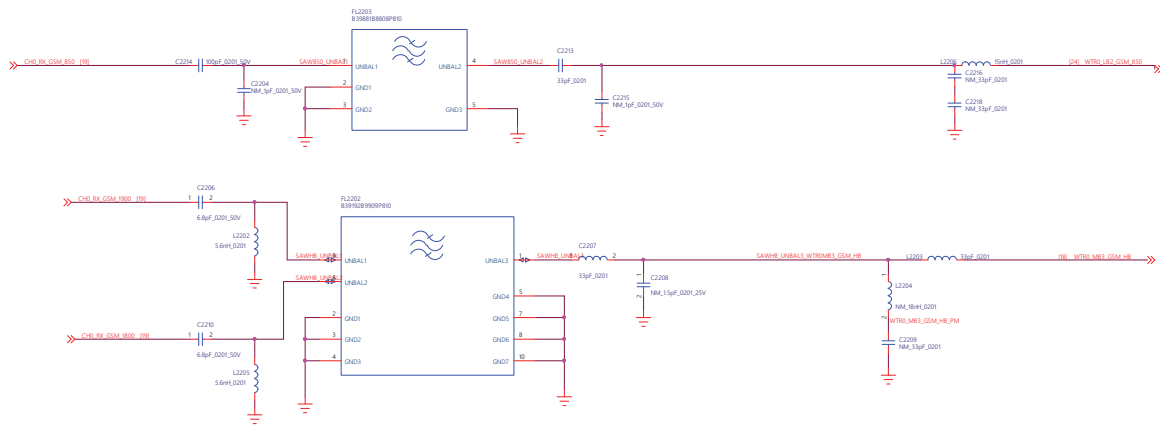
GPS



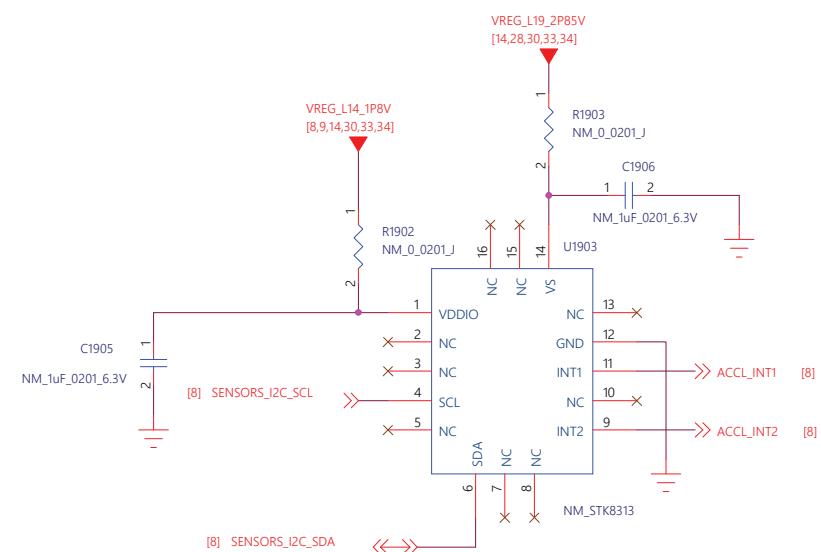
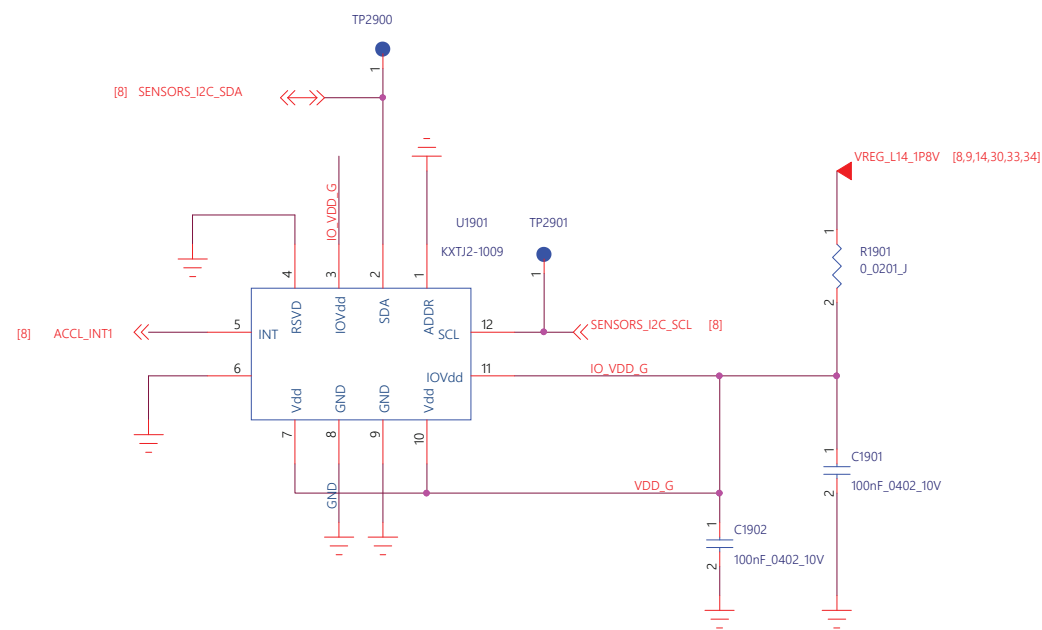
XO DISTRIBUTION



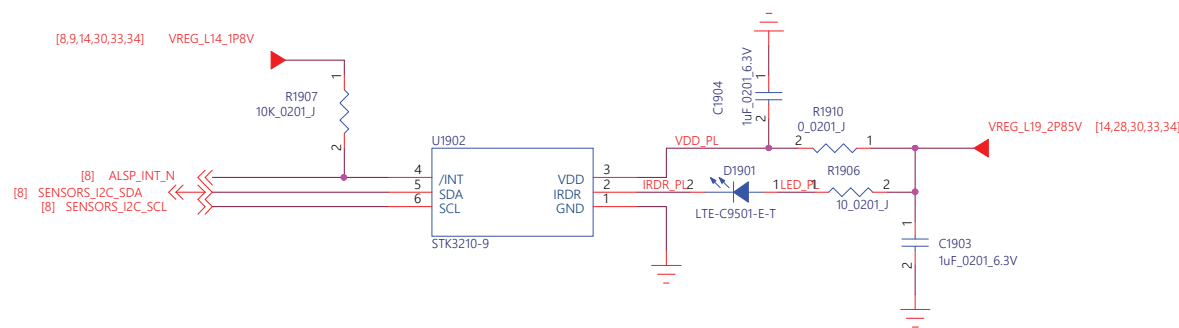
Primary PRX matching

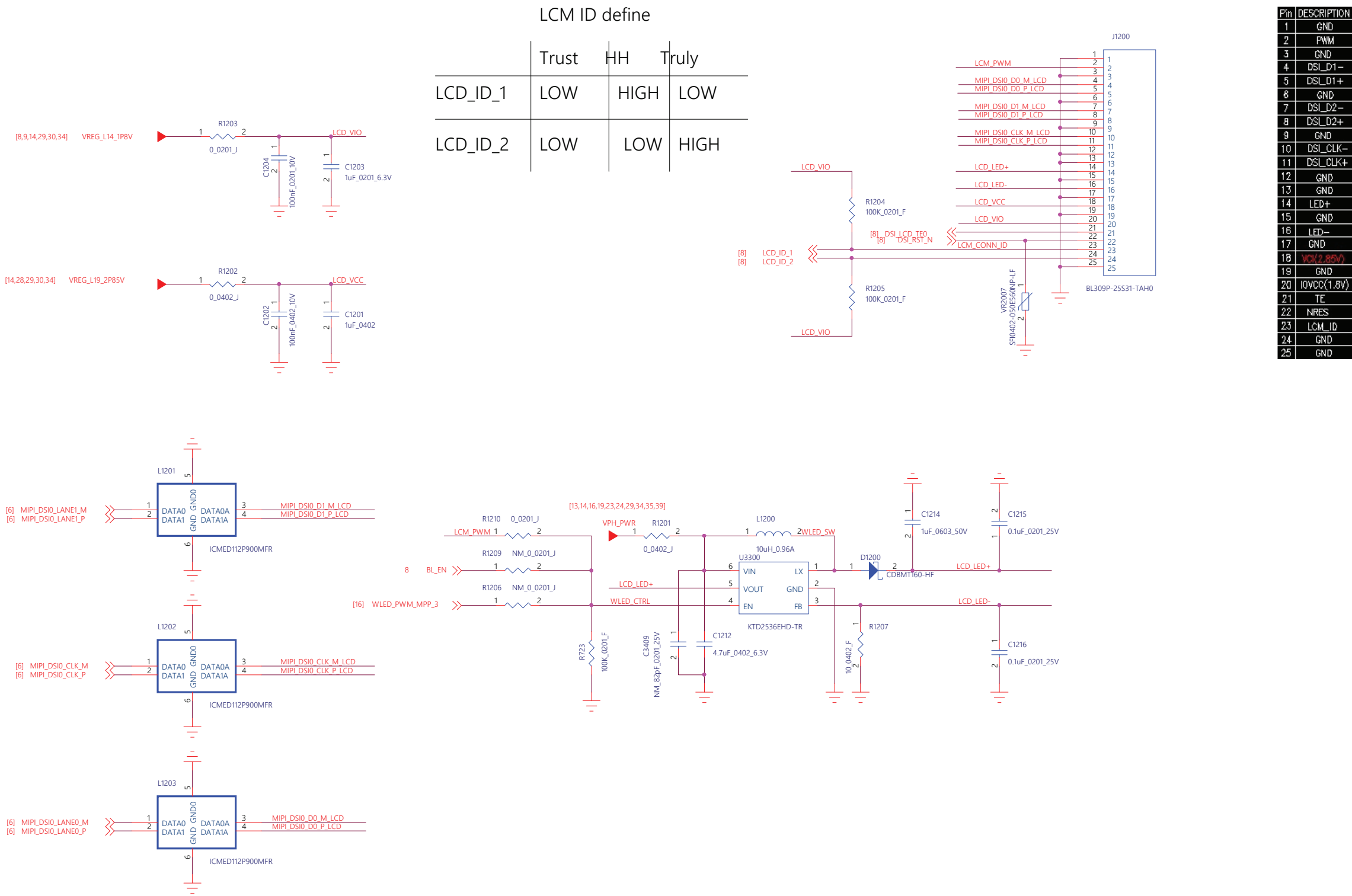


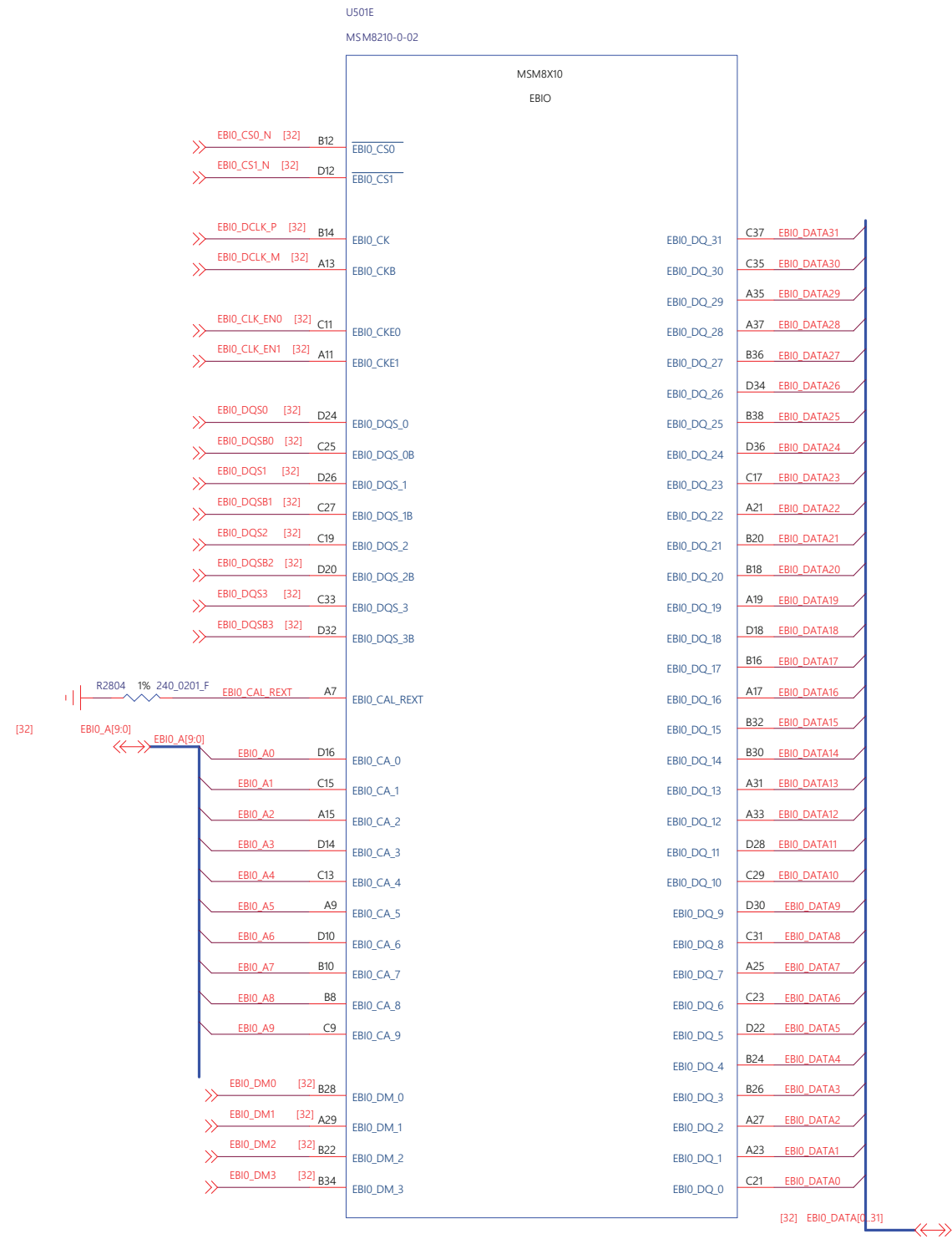
G-Sensor



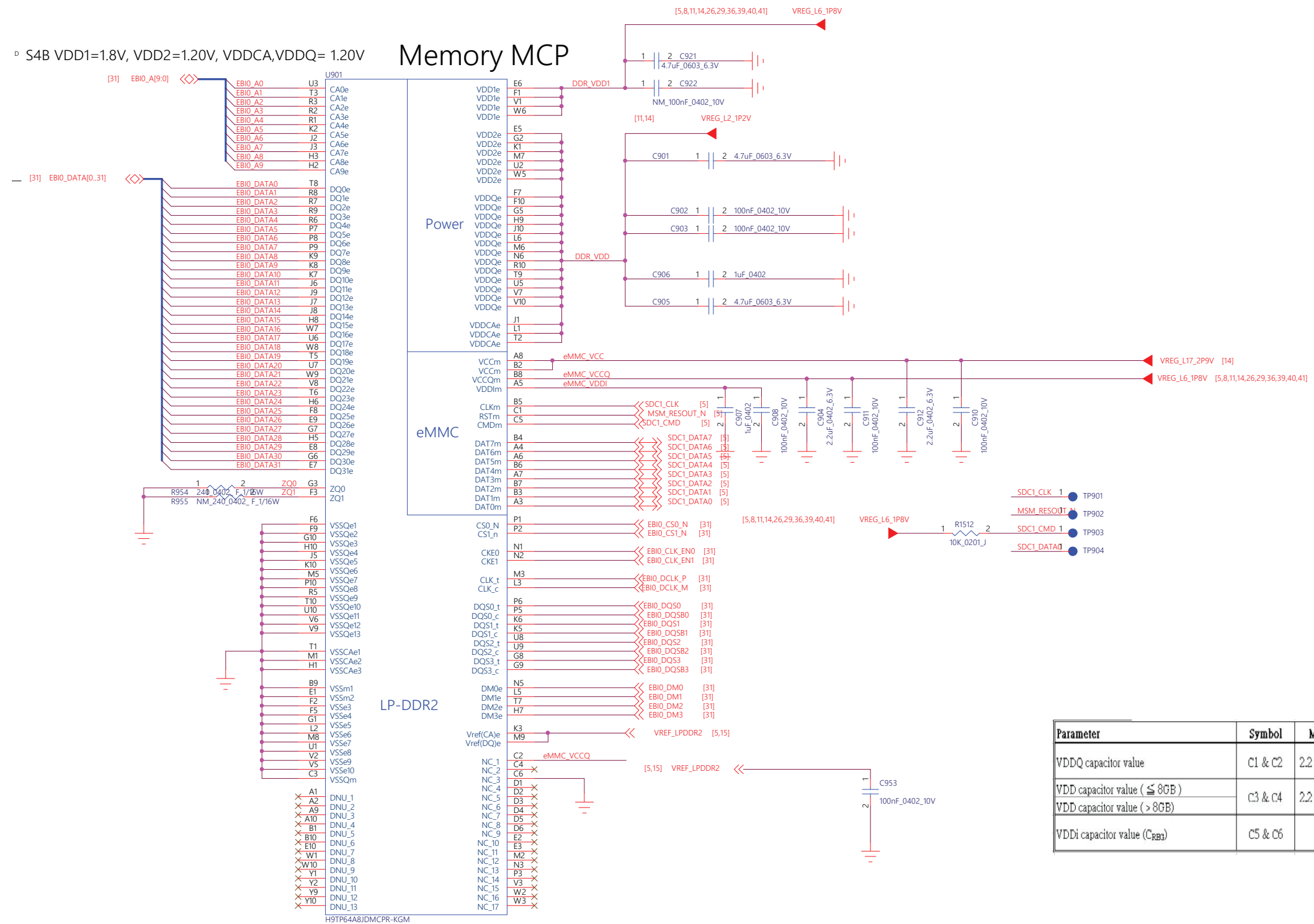
P-Sensor





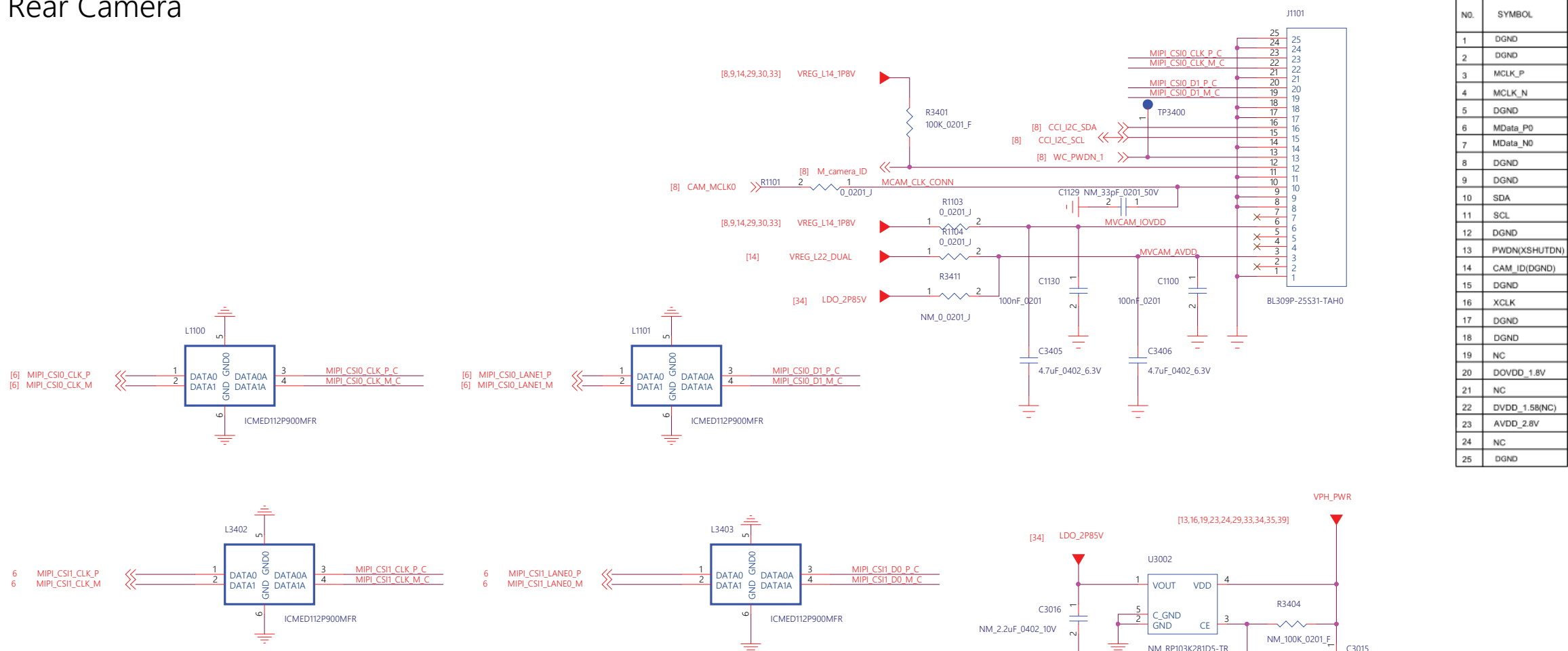


MCP 8Gb LPDDR2 + 8GB eMMC

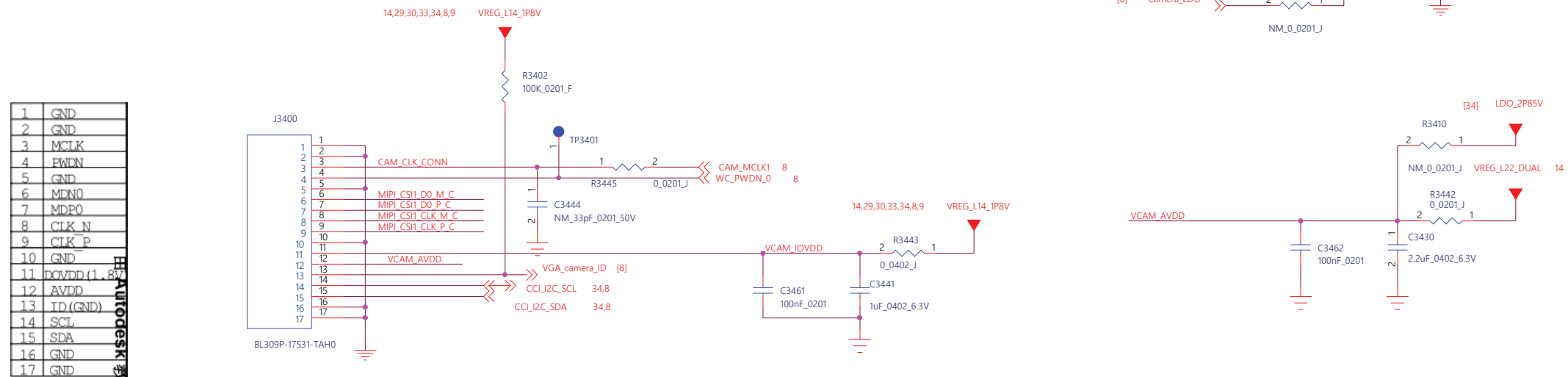


Parameter	Symbol	Min	Max	Recommand	Unit
VDDQ capacitor value	C1 & C2	2.2 ± 0.1	4.7 ± 0.22	2.2 ± 0.1	μ F
VDD capacitor value (≤ 8GB)	C3 & C4	2.2 ± 0.1	4.7 ± 0.22	2.2 ± 0.1	μ F
VDD capacitor value (> 8GB)				4.7 ± 0.22	μ F
VDDi capacitor value (C _{RB3})	C5 & C6	1	4.7 ± 0.1	1 ± 0.1	μ F

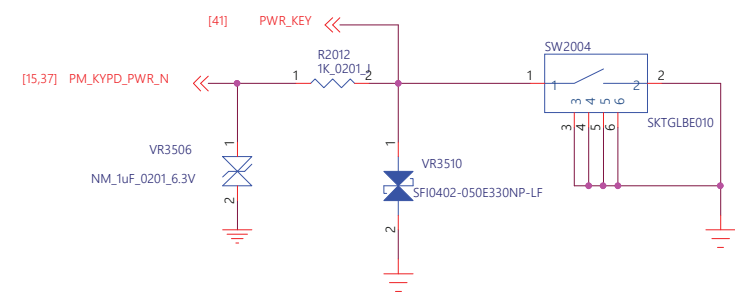
Rear Camera



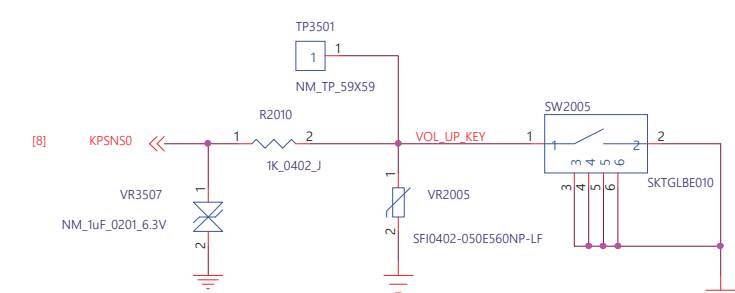
Front Camera



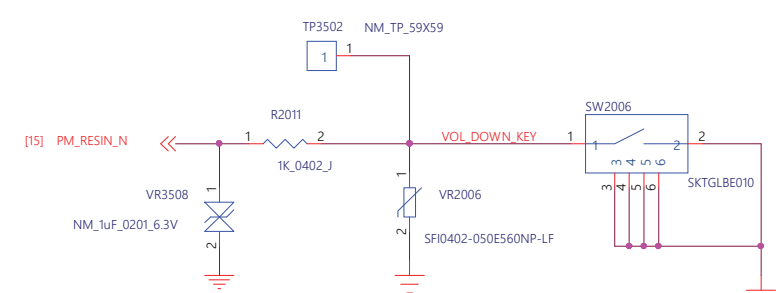
Power Key



Volume Up



Volume Down



SIM1

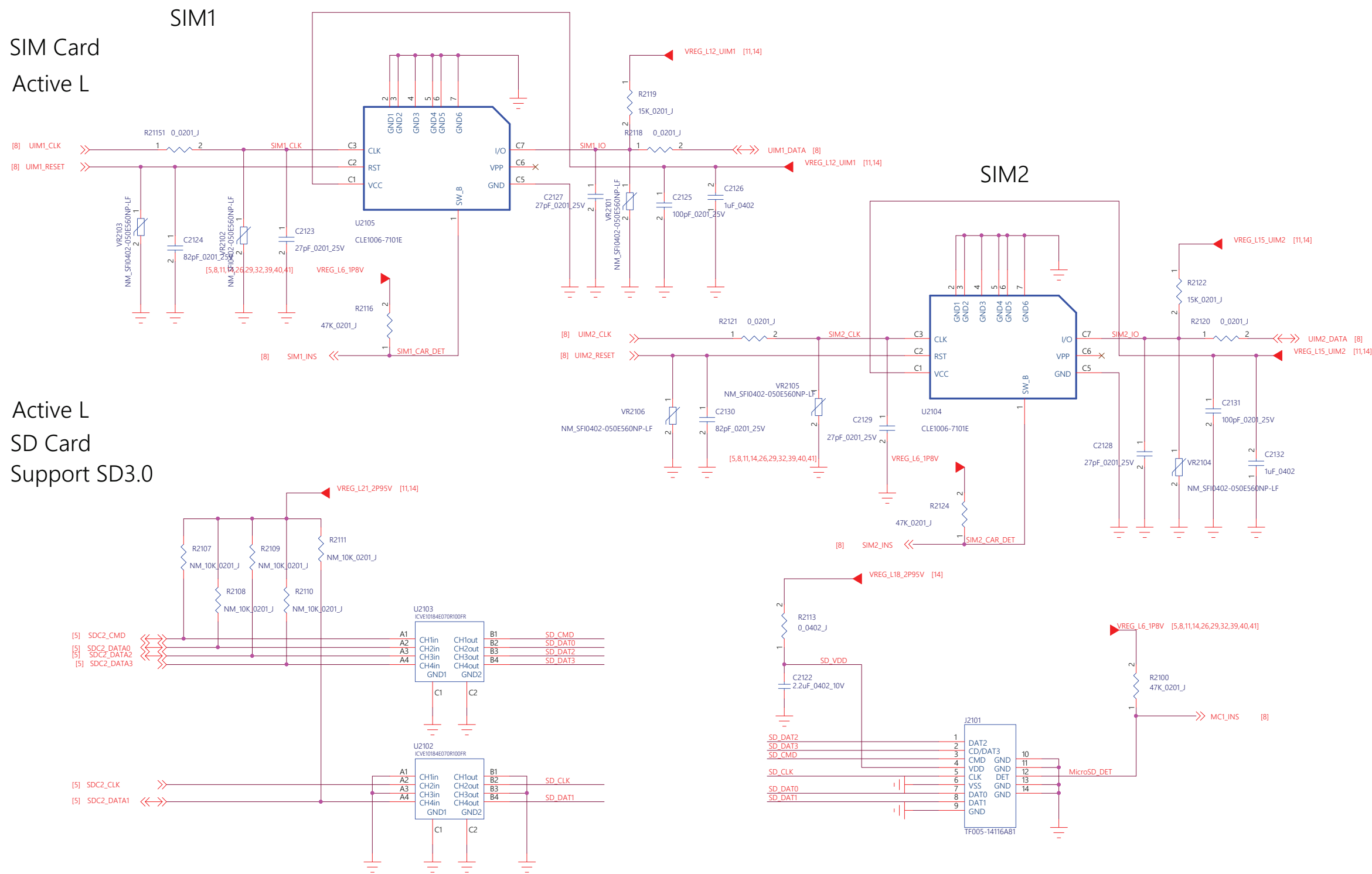
SIM Card

Active L

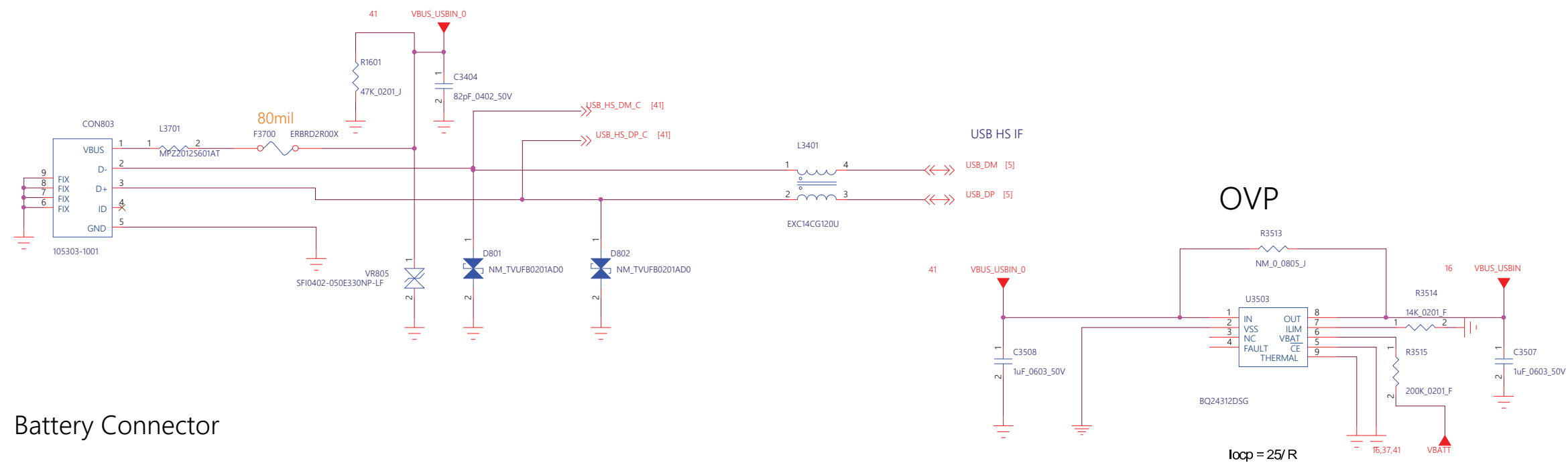
Active L

SD Card

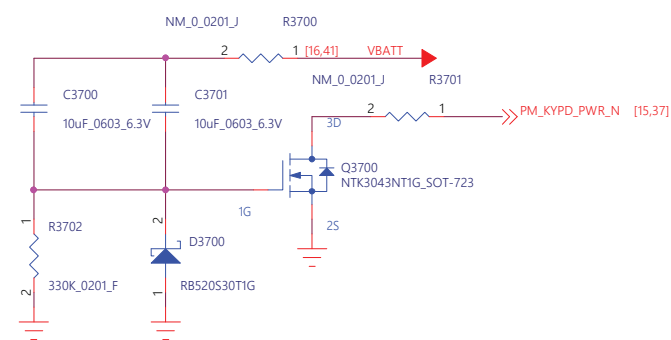
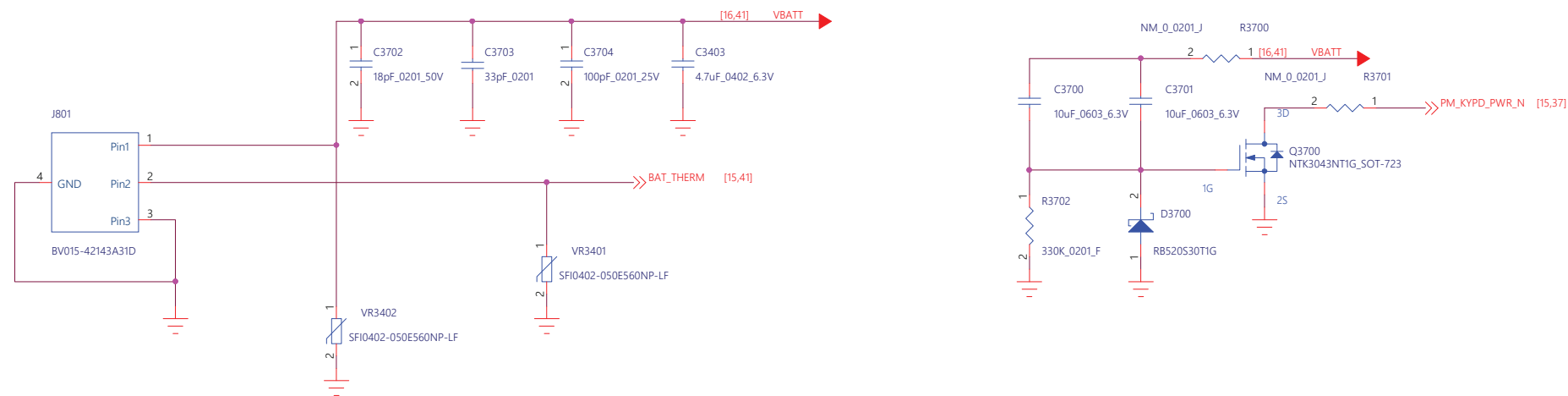
Support SD3.0



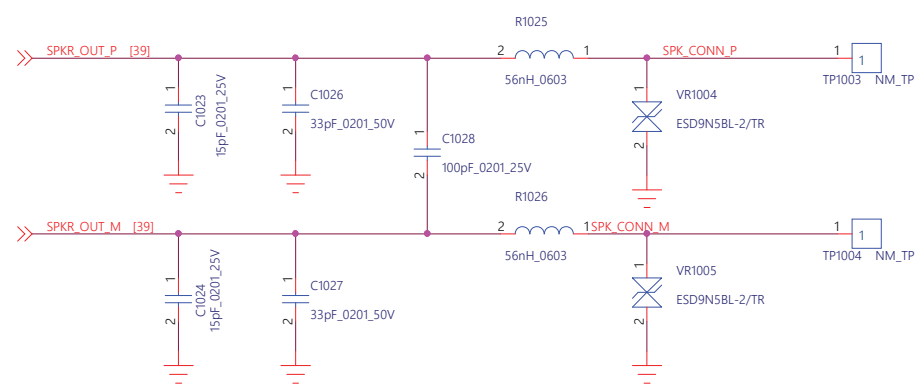
USB Connector



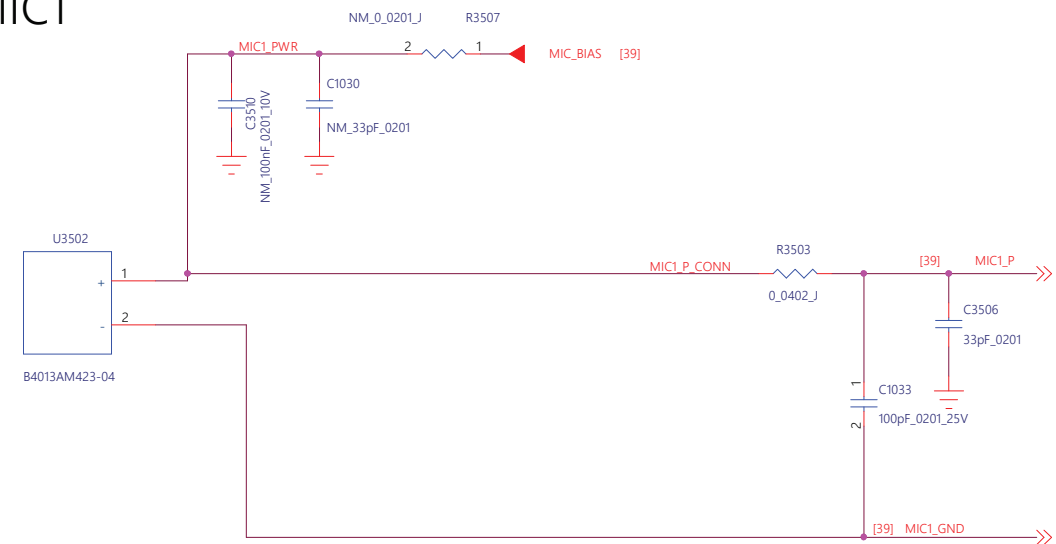
Battery Connector



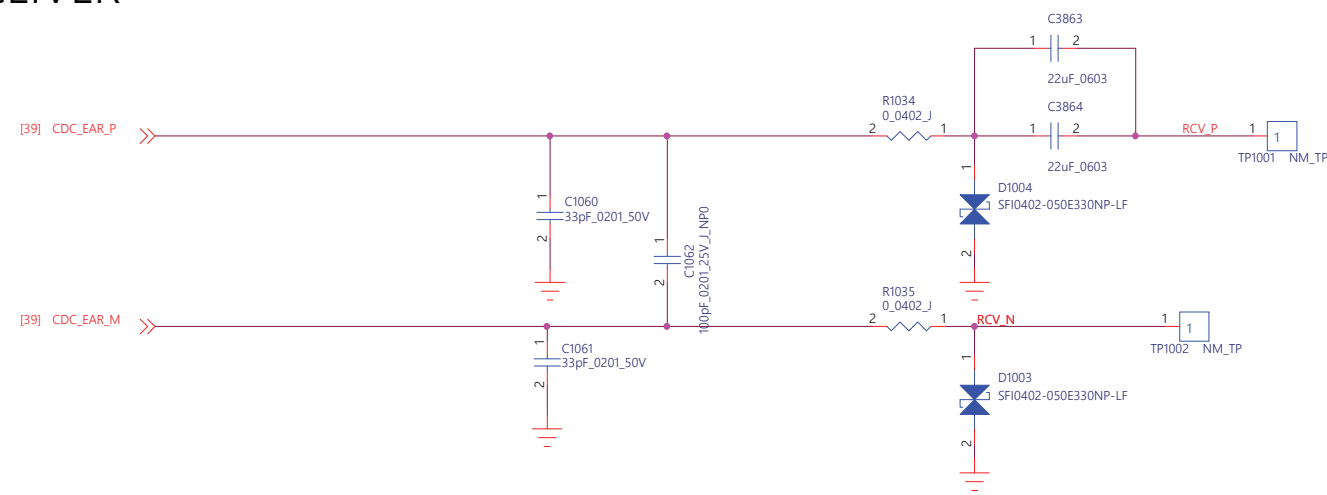
SPEAKER

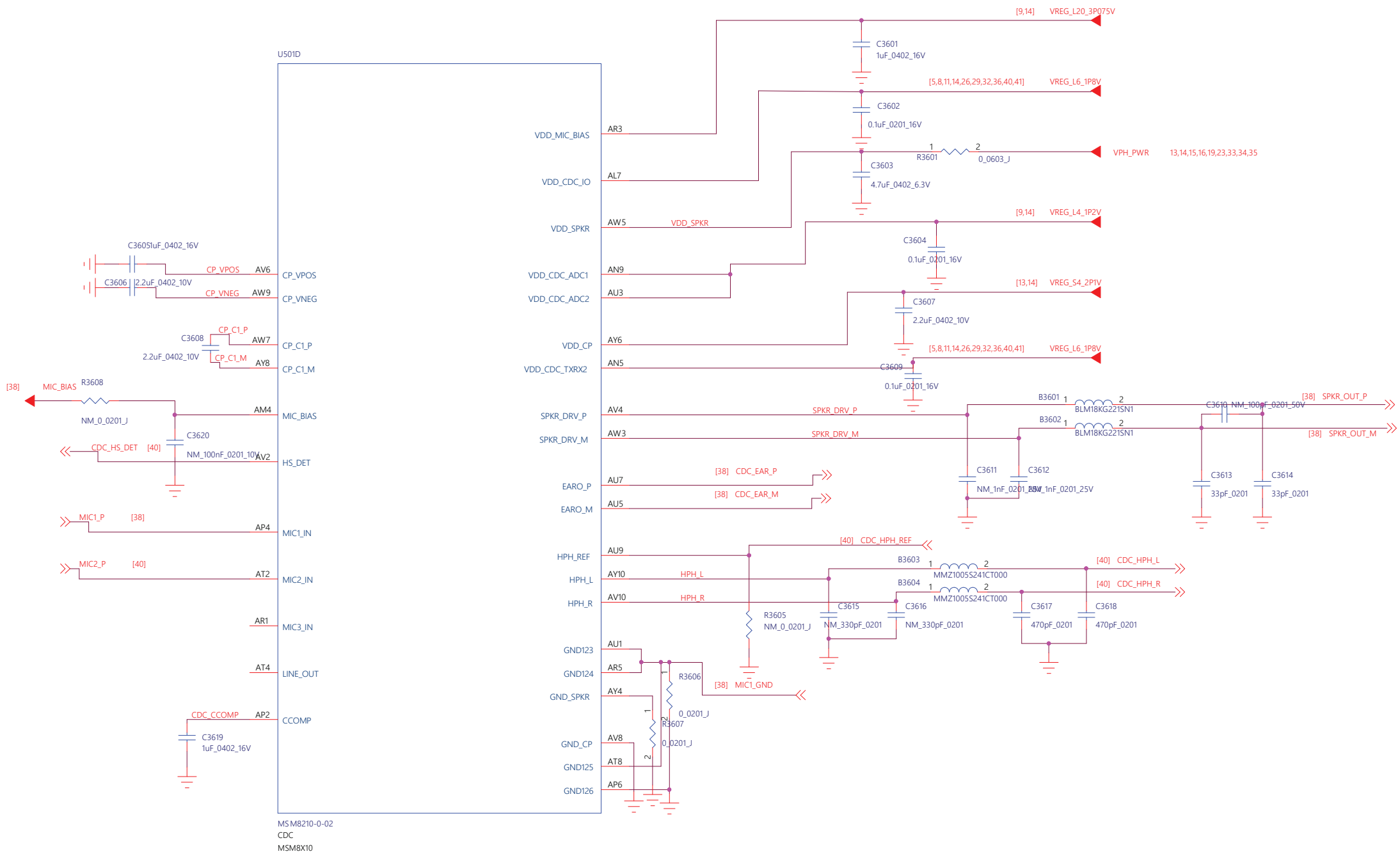


MIC1



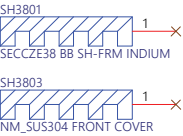
HANDSET RECEIVER



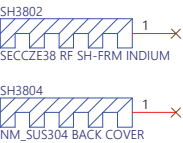


Shielding Frame Position Holes

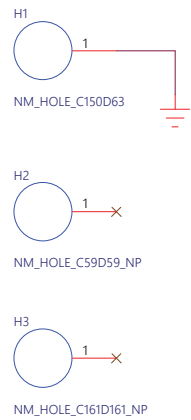
BB side Shielding Case



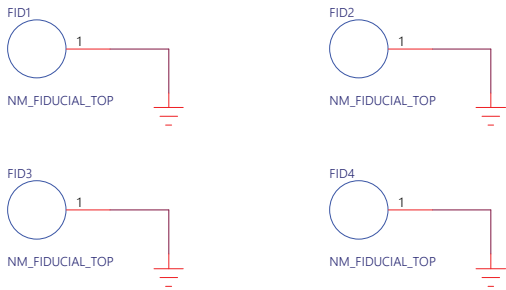
RF side Shielding Case



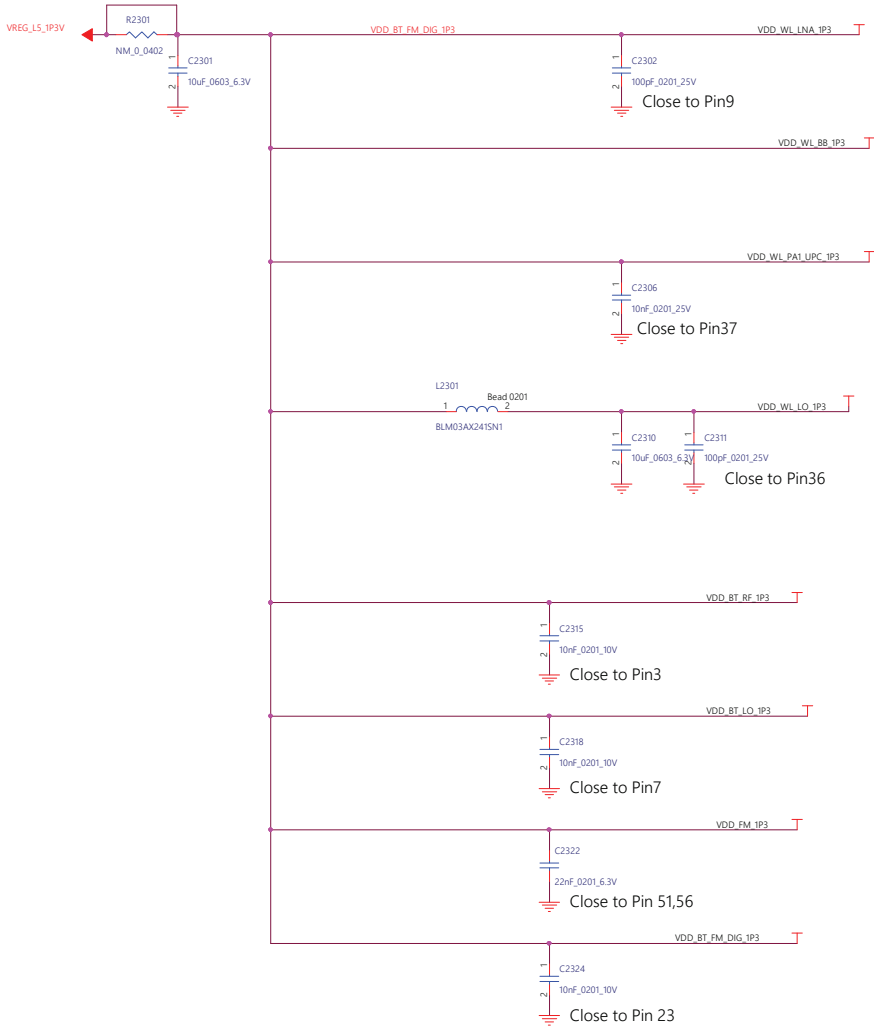
Mechanical Screw



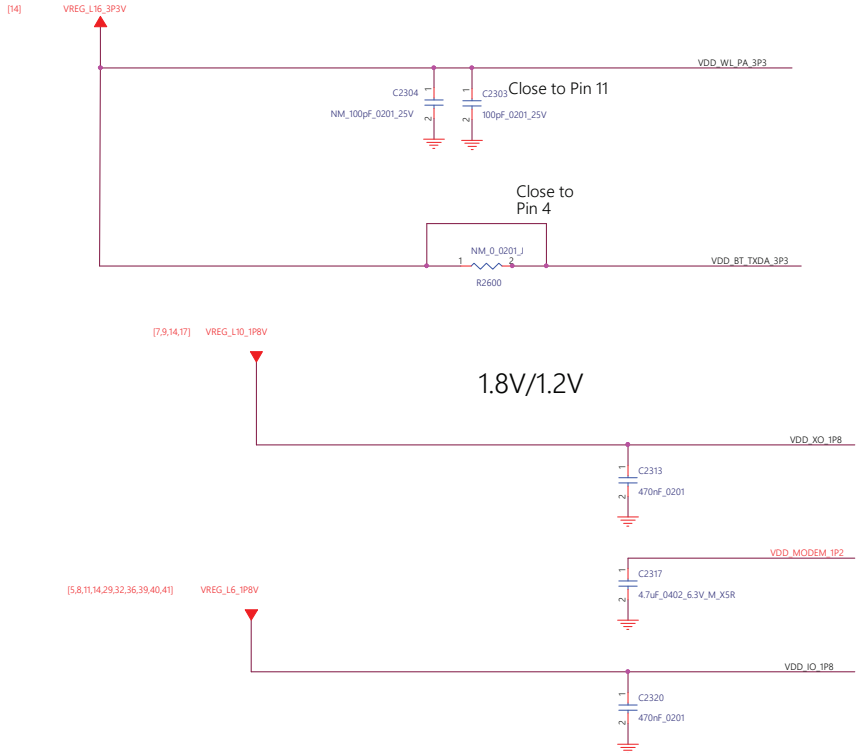
PCB Optical Position Holes



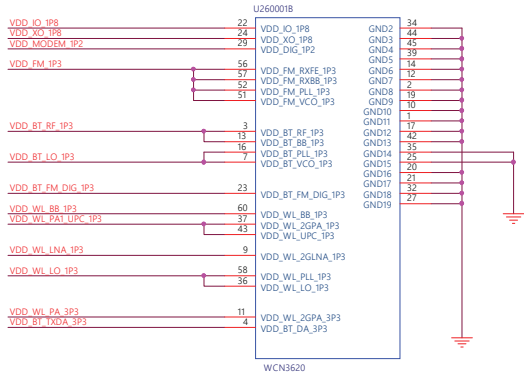
BT_FM WLAN 1P3

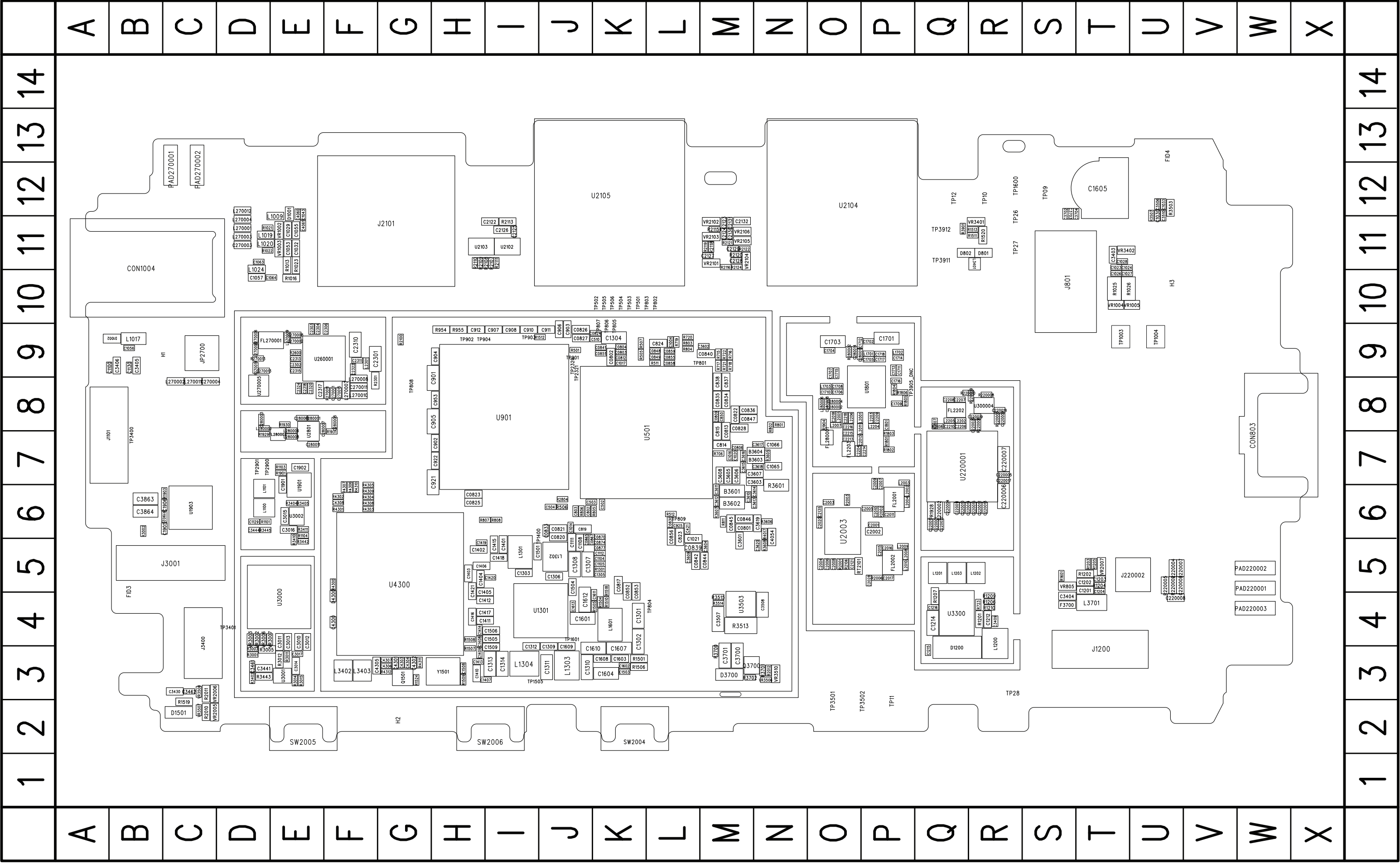


WLB_T_3.0V



WCN3620 PWR/GND





Bottom Side Component Location

C	
C1060	C 8
C1061	C 9
C1062	C 8
C1903	C 7
C1904	C 7
D	
D1003	C 9
D1004	C 8
D1901	B 6
R	
R1034	C 8
R1035	C 9
R1906	C 7
R1907	C 7
R1910	C 7
R3401	C 7
U	
U1902	B 6
U3502	W 4