
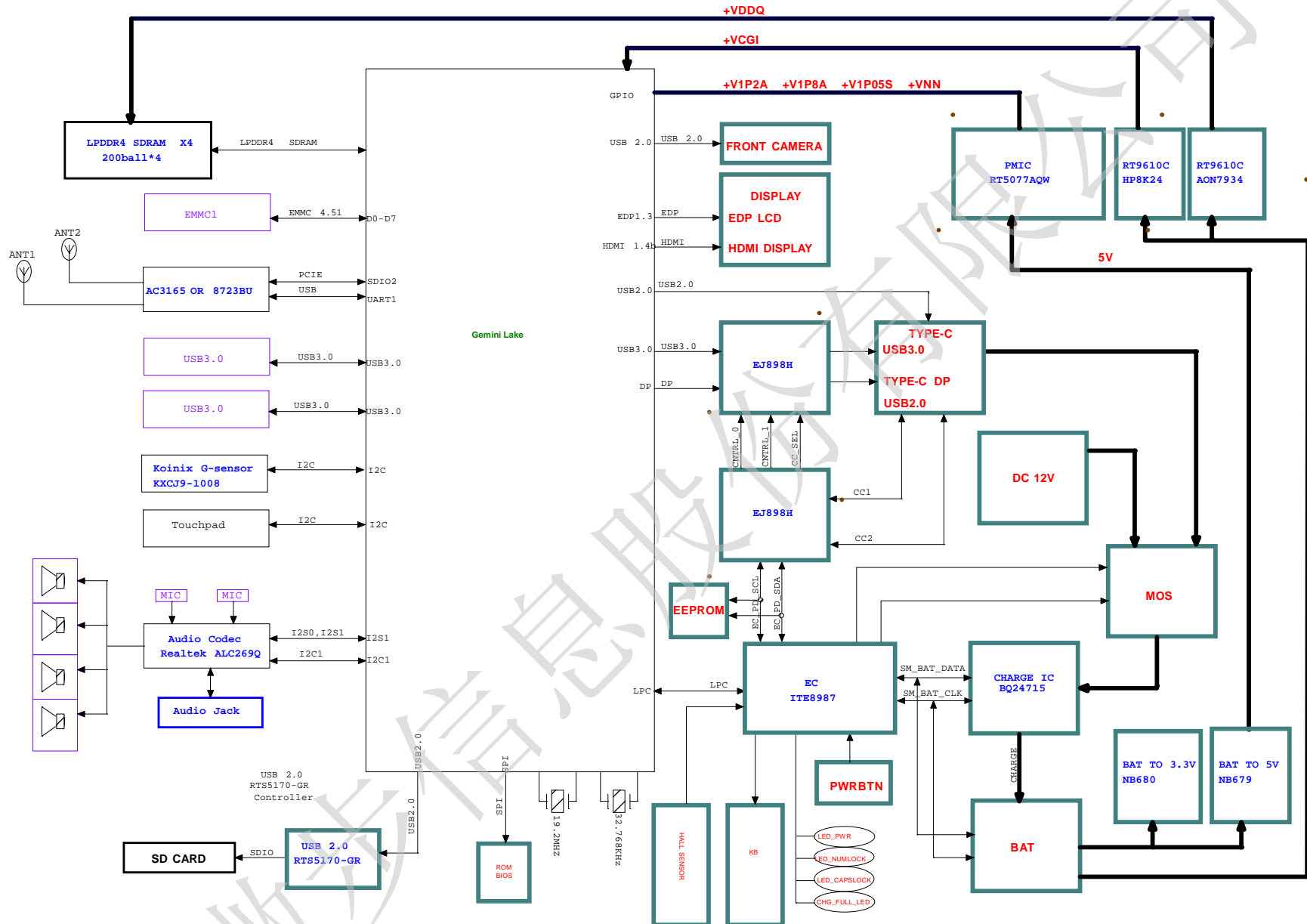


Gemini Lake

X133GRA200

LPDDR4 366Ball x2

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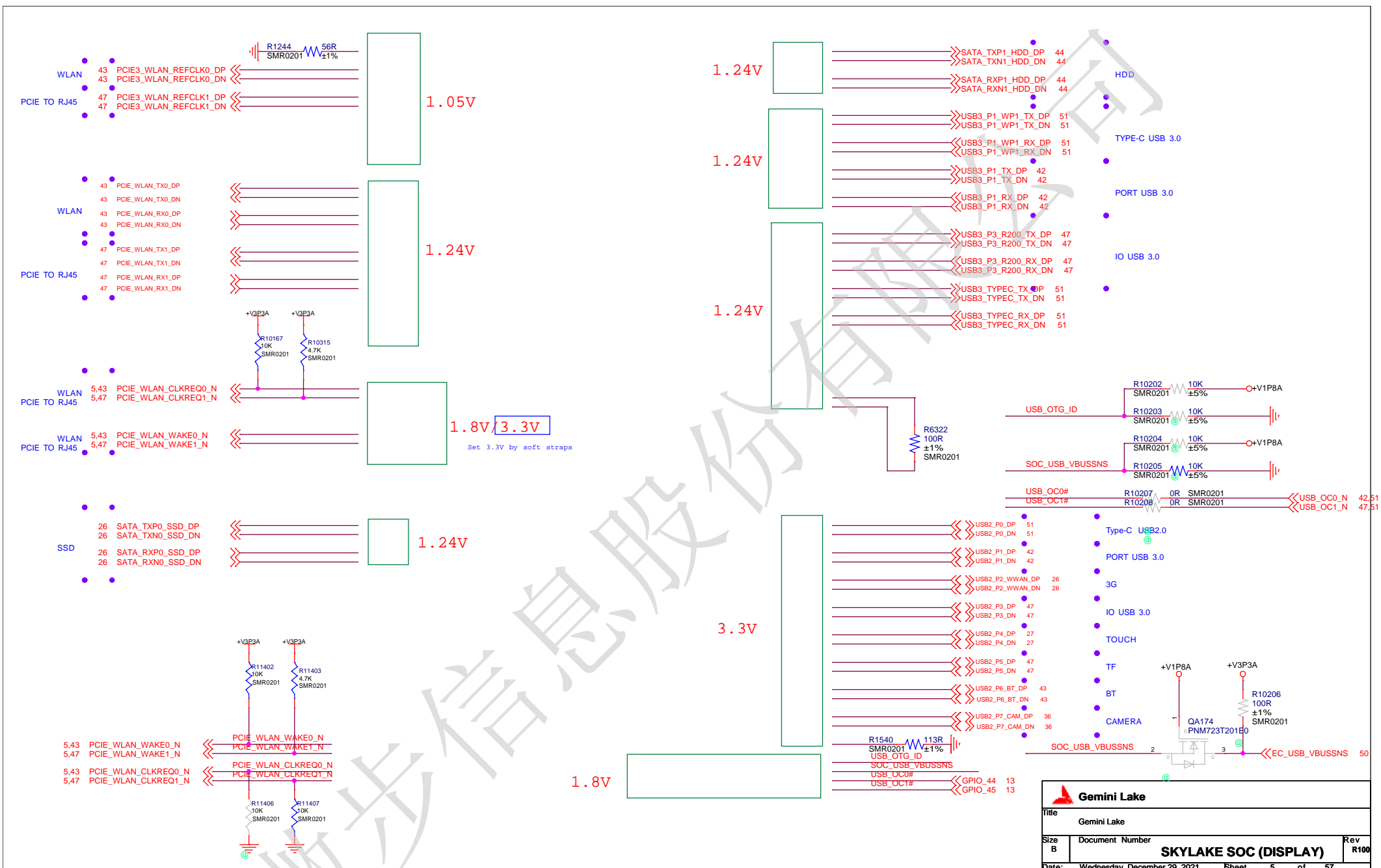
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 M1_A_CKE1 22

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 M1_DRAMRST_N M1_DRAMRST_N 22
 DDRT_RCOMP R6288 SMR0207 110R 41%

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HDMI(HDMI)

34 DDIO_TX0_DP
34 DDIO_TX0_DN
34 DDIO_TX1_DP
34 DDIO_TX1_DN
34 DDIO_TX2_DP
34 DDIO_TX2_DN
34 DDIO_TX3_DP
34 DDIO_TX3_DN

1.05V

34 DDIO_HPD_N
34 DDIO_DDC_SCL
34 DDIO_DDC_SDA

1.8V/3.3V

ADD TYPE_C(DP)

51 DDI2_TX0_DP
51 DDI2_TX0_DN
51 DDI2_TX1_DP
51 DDI2_TX1_DN
51 DDI2_TX2_DP
51 DDI2_TX2_DN
51 DDI2_TX3_DP
51 DDI2_TX3_DN
51 DDI2_AUX_DP
51 DDI2_AUX_DN

1.05V

51 DDIO_HPD

DDIO_HPD

1.8V/3.3V

LCD(EDP)

36 EDP_TX0_SOC_DP
36 EDP_TX0_SOC_DN
36 EDP_TX1_SOC_DP
36 EDP_TX1_SOC_DN
36 EDP_TX2_SOC_DP
36 EDP_TX2_SOC_DN

1.05V

36 EDP_AUX_SOC_DP
36 EDP_AUX_SOC_DN

36 EDP_HPD_LS
36 EDP_BKLT_PWM
36 EDP_BKLT_EN
36 EDP_VDD_EN

1.8V/3.3V

SET 3.3V BY SOFT STRAPS


R6278
100R
±1%
SMR0201

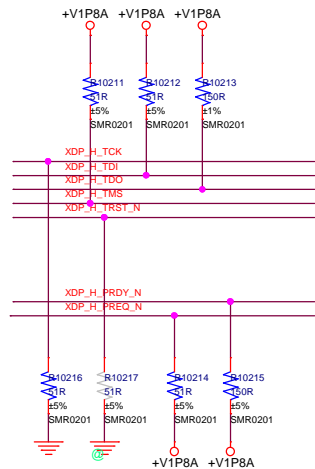
1.05V

LCD(MIPI)

GPIO_43 13
SECURITY_FLASH 13

R6279
450R
±1%
SMR0201

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1.8V



1.8V

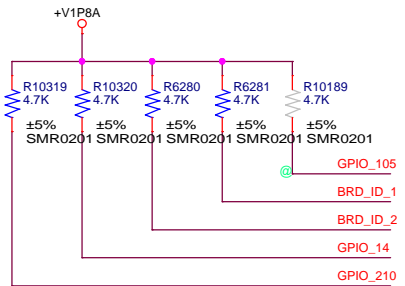
1.8V



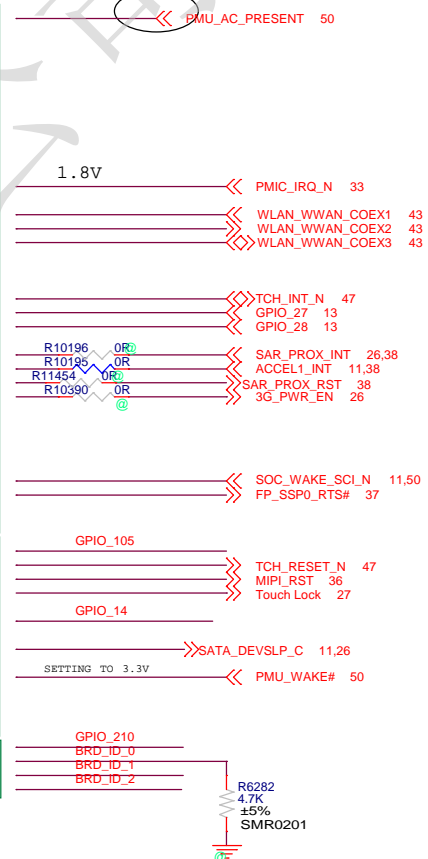
3.3V/1.8V



1.8V



	BRD_ID_2	BRD_ID_1	BRD_ID_0
SKU1 (DEFAULT)	0 R6280 (EMPTY)	0 R6281 (EMPTY)	1 R6282 (EMPTY)
SKU2	0 R6280 (EMPTY)	1 R6281 (STUFF)	1 R6282 (EMPTY)

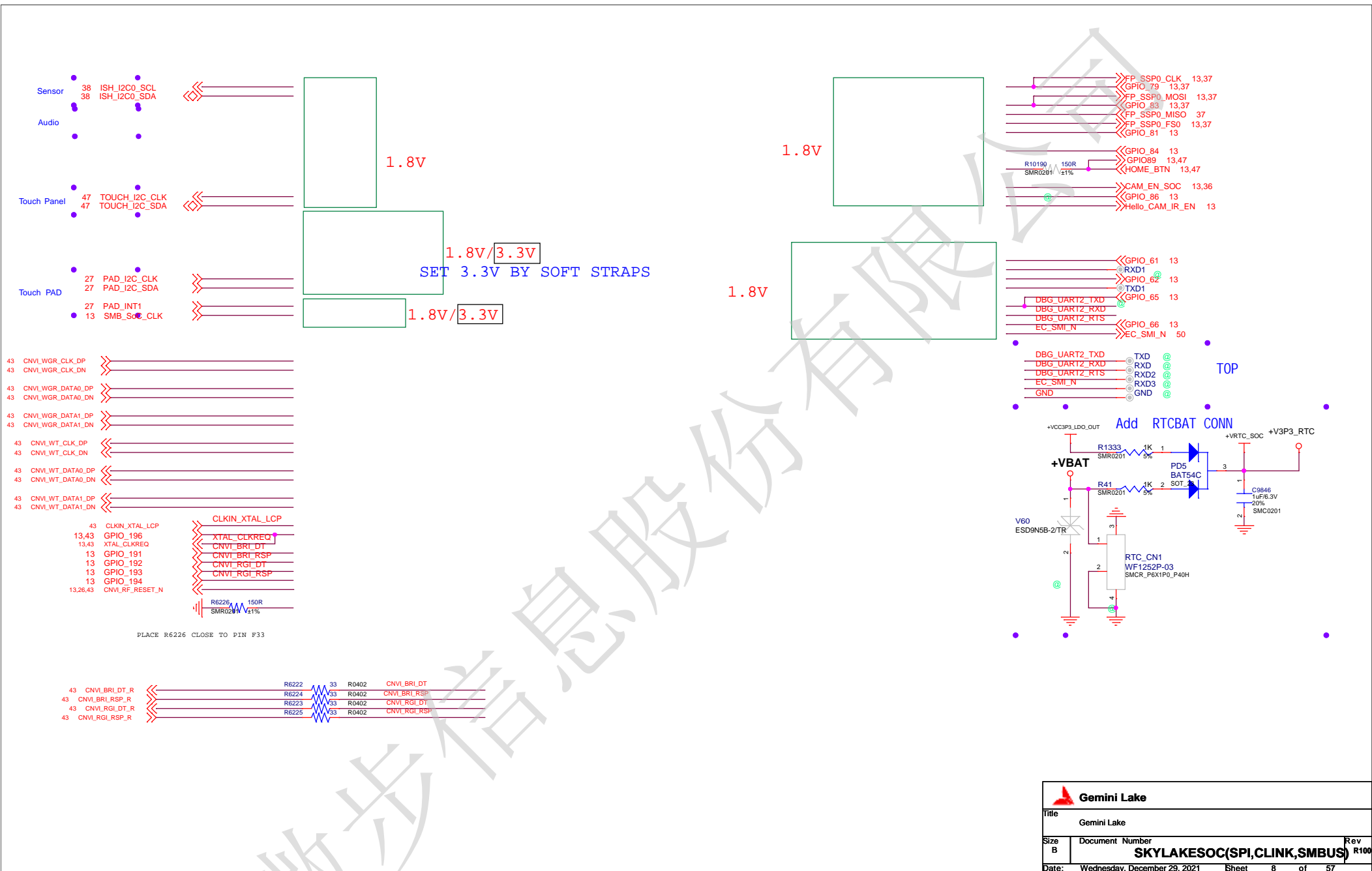


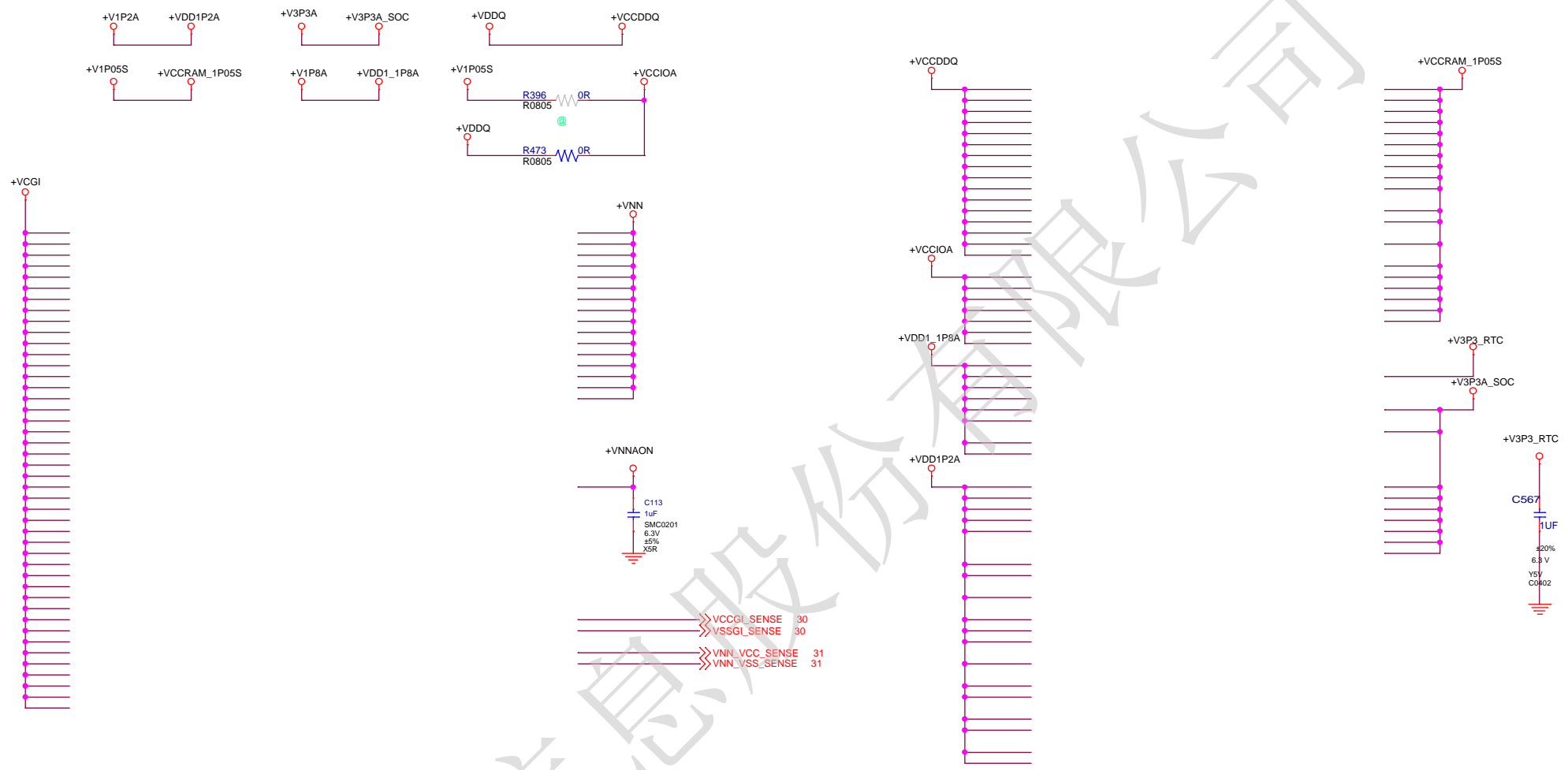
Gemini Lake

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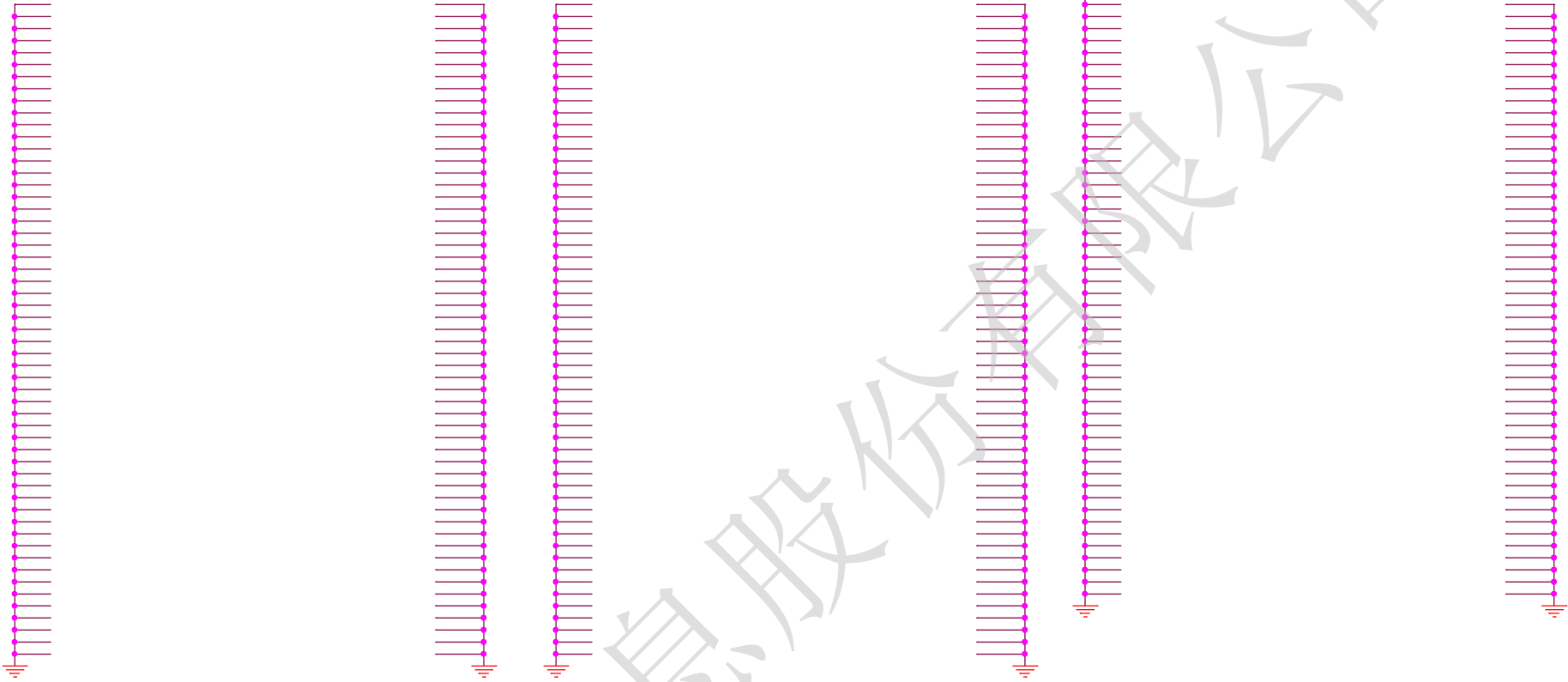
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43 BT_DISABLE_1P8_N
50 EC_WIFI_DISABLE_N
13 GPIO_159
26 WWAN_POWER_ON_OFF_N

13 GPIO_161
26 WWAN_DISABLE_1P8_N
13 GPIO_163
11,13 GPIO_164

39 HDA_BCLK_R
39 HDA_SYNC
13 GPIO_168
39 HDA_SDO
39 HDA_RST_N

26 WWAN_SAR_DET
13 GPIO_172

13 GPIO_174
13 GPIO_175

25 EMMC_CLK
25 EMMC_STROBE

25 EMMC_DATA_0
25 EMMC_DATA_1
25 EMMC_DATA_2
25 EMMC_DATA_3
25 EMMC_DATA_4
25 EMMC_DATA_5
25 EMMC_DATA_6
25 EMMC_DATA_7
25 EMMC_CMD

25 EMMC_RST#_CPU

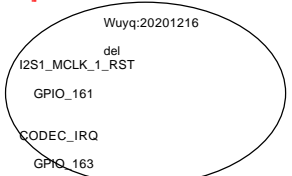


1.8V

1.8V/3.3V

1.8V

1.8V/3.3V
1.8V



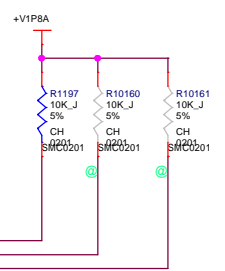
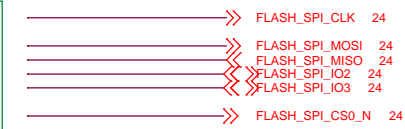
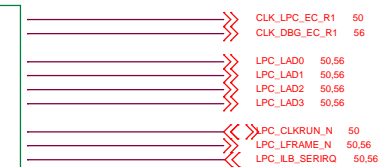
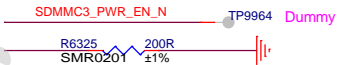
I2S2_ADCDAT R11452 33 位号不变

39 HDA_SDI >> R11452 33

GPIO_168 >> R11452 33

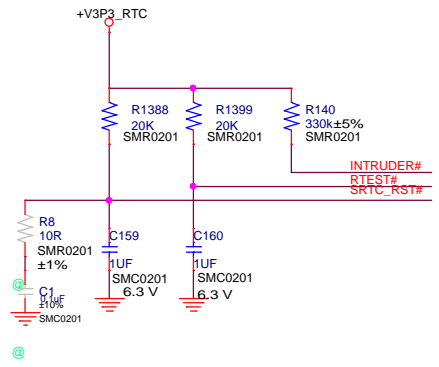
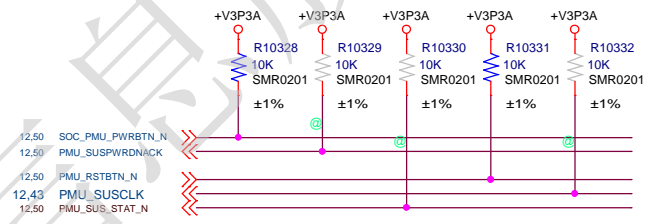
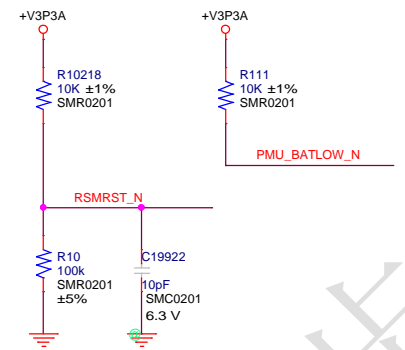
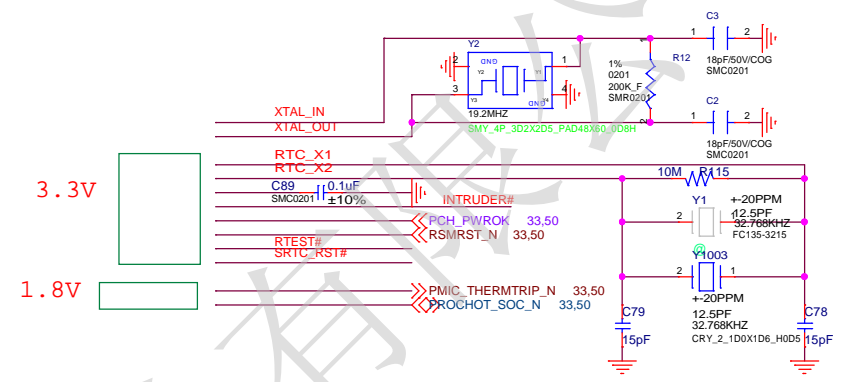
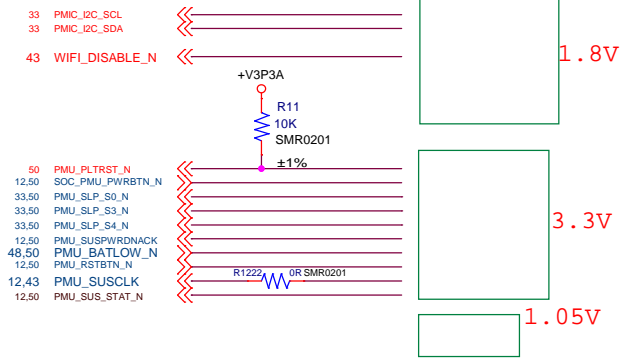
43 WLAN_RST#_R >> R11451 33

11,13 GPIO_164 >> R11451 33

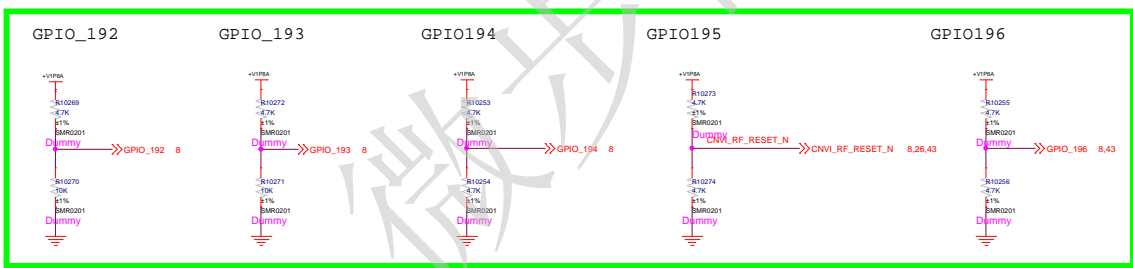
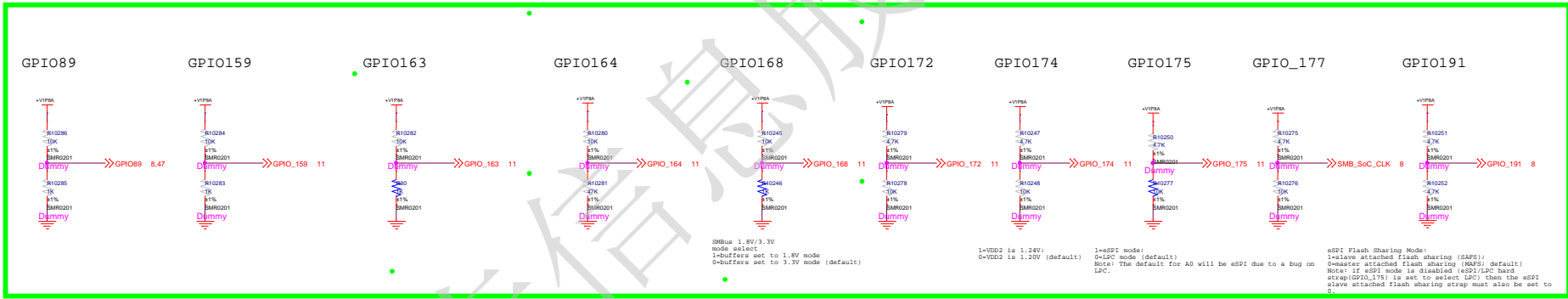
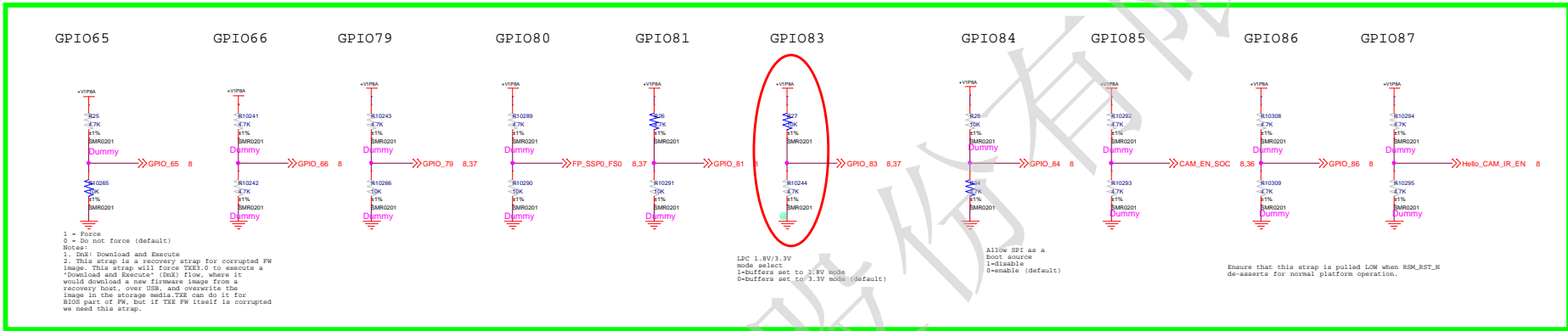
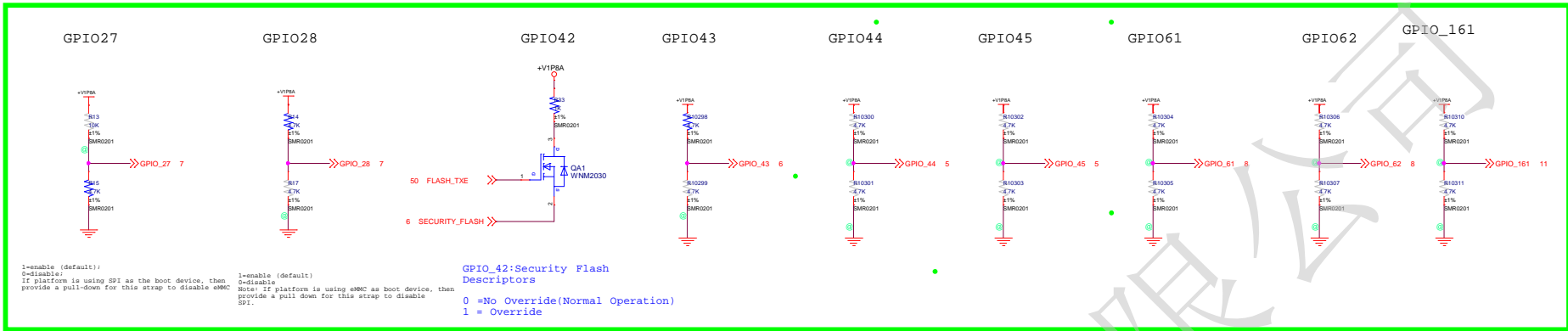


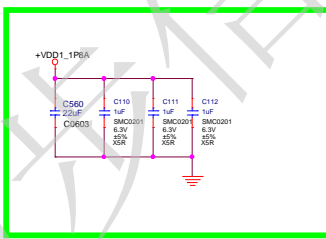
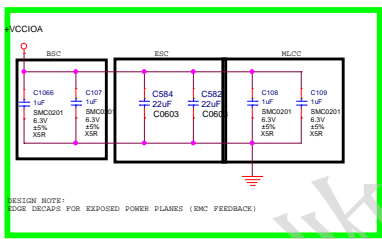
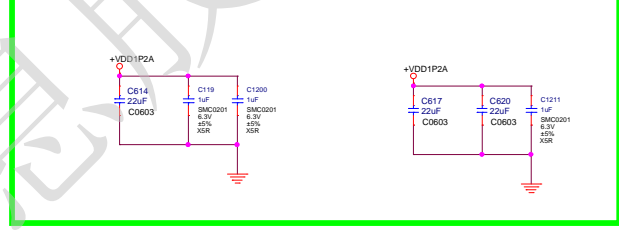
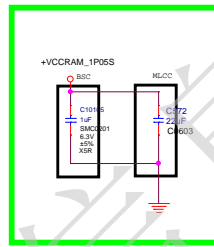
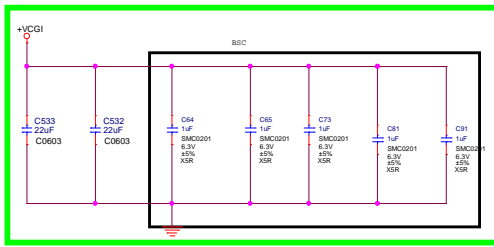
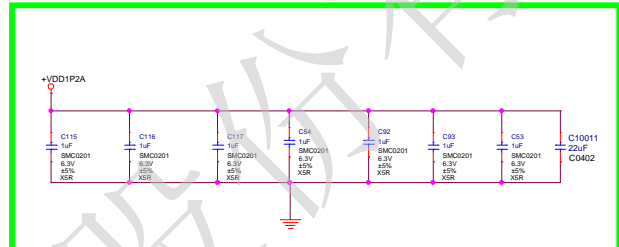
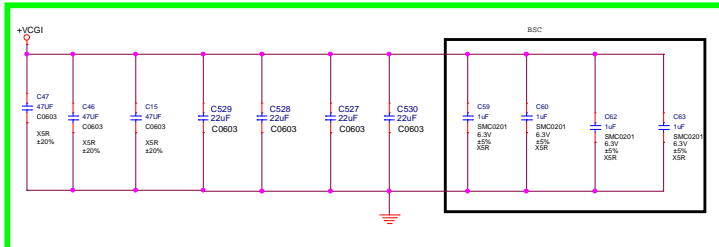
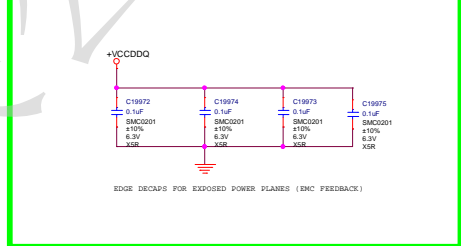
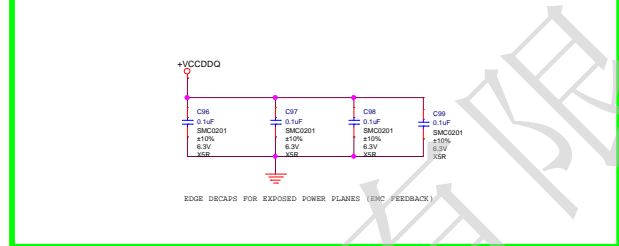
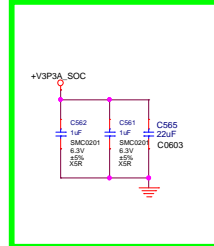
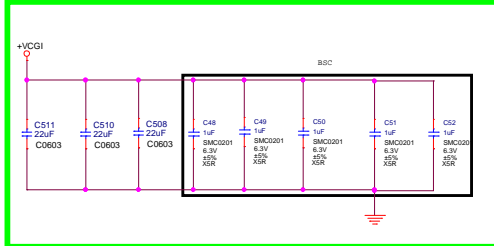
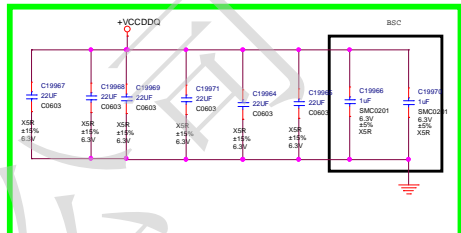
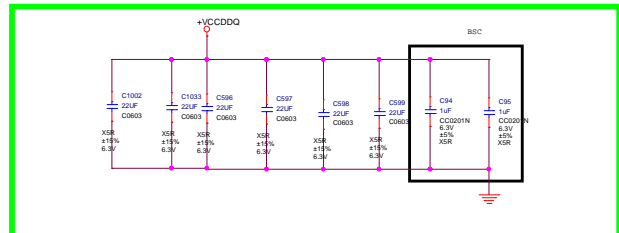
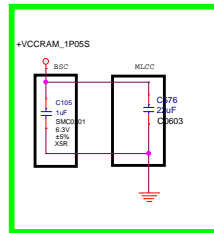
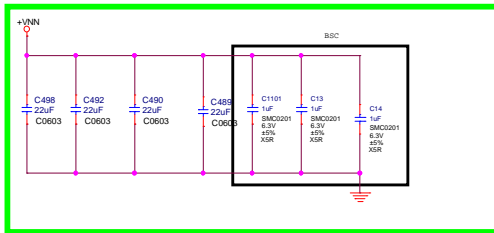
7,50 SOC_WAKE_SCI_N
7,26 SATA_DEVSLP_C
7,38 ACCEL1_INT

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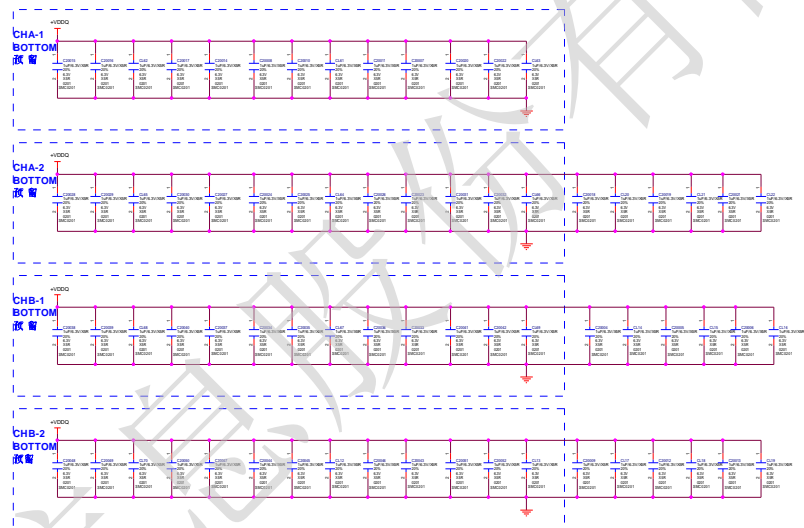


DESIGN NOTE:
EDGE DECAPS FOR EXPOSED POWER PLANES (EMC FEEDBACK)


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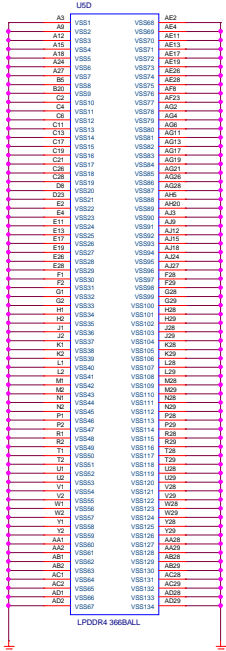
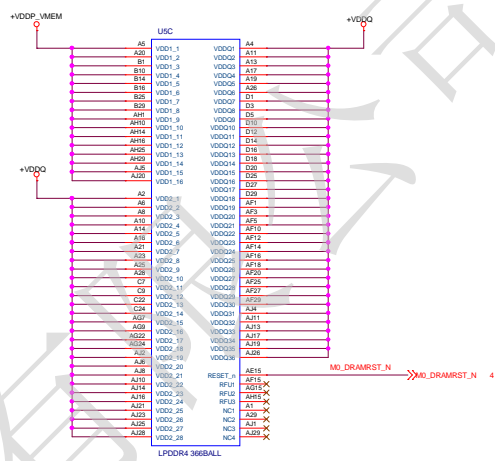
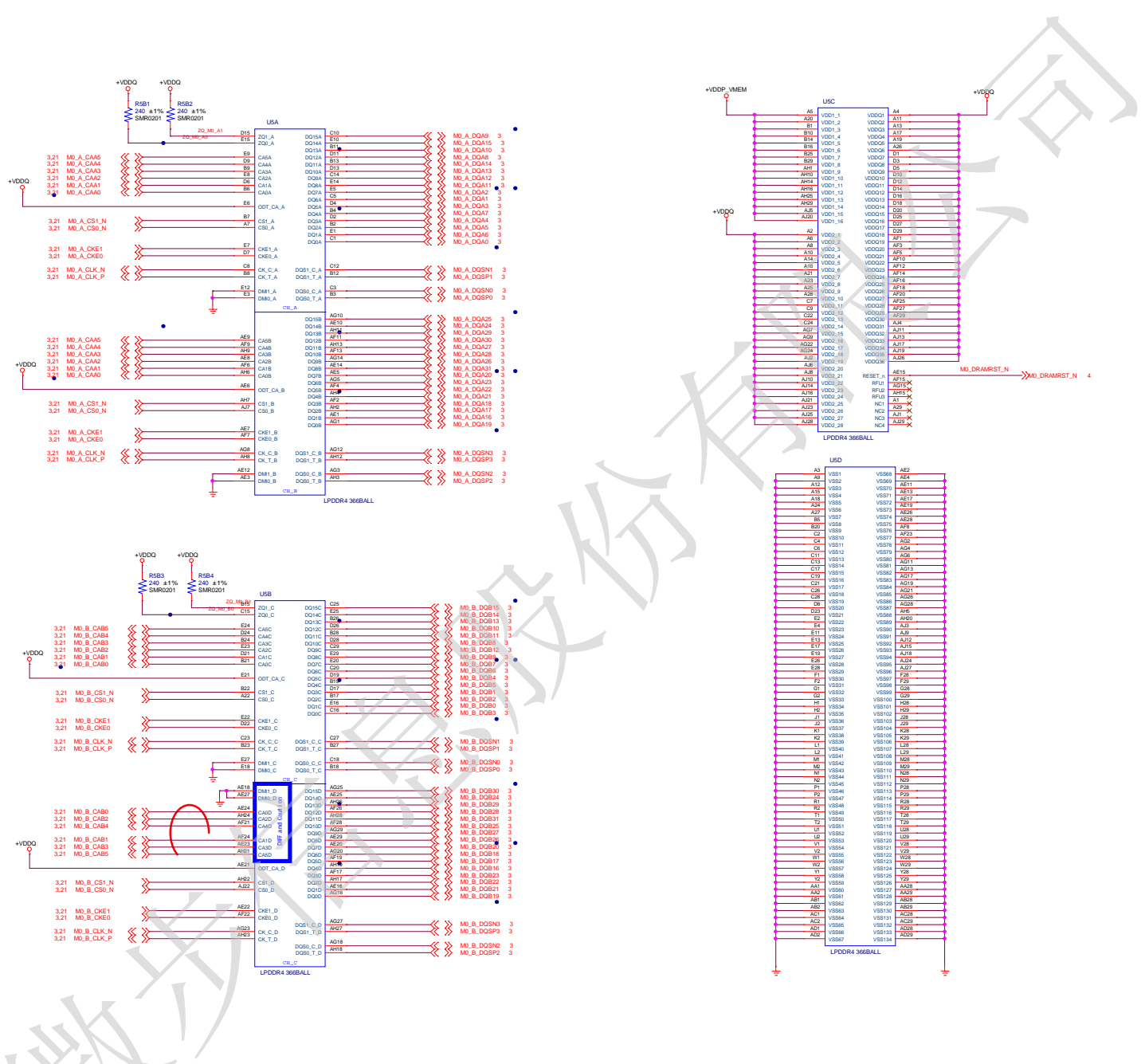
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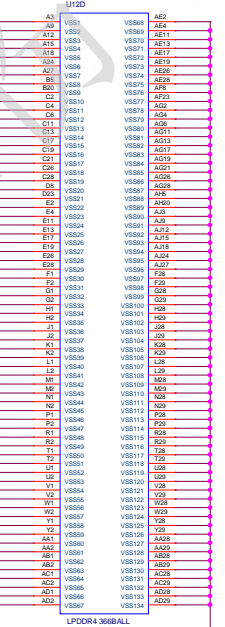
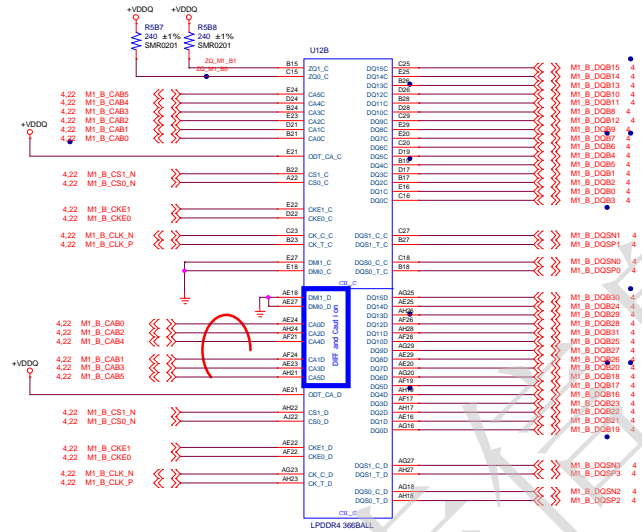
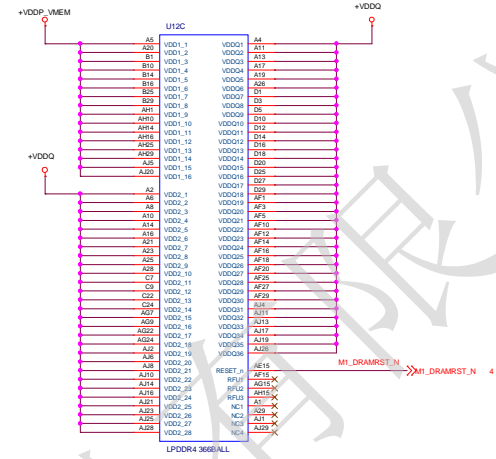
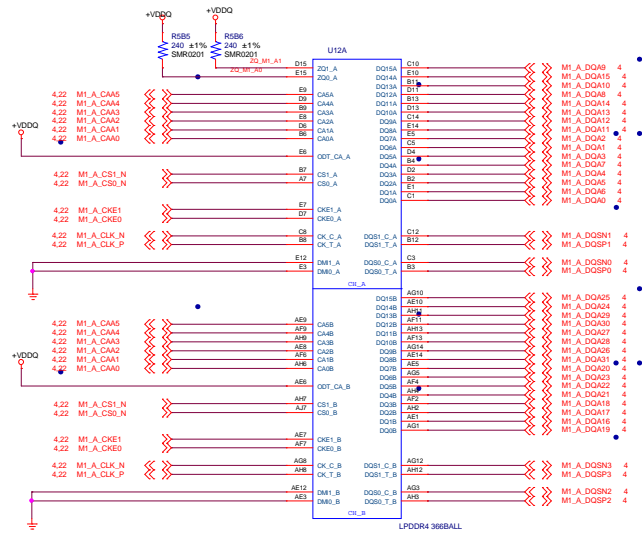
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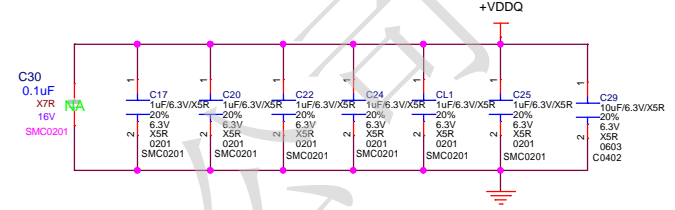
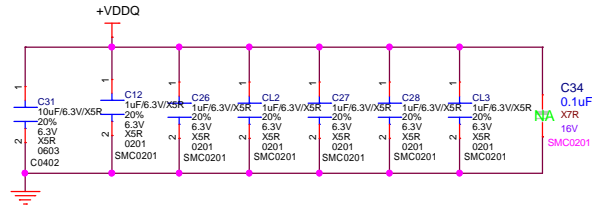
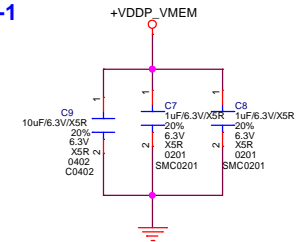
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 Gemini Lake		
Title Gemini Lake		
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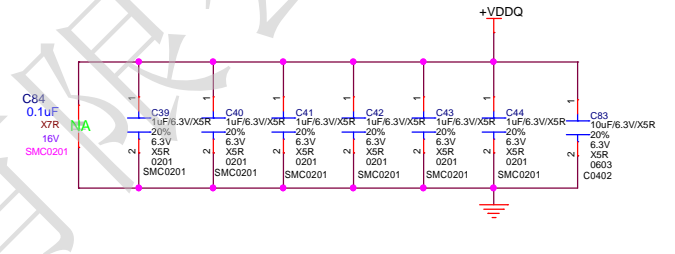
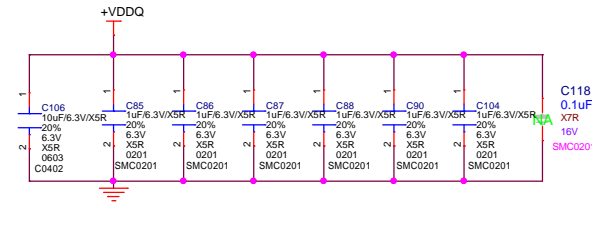
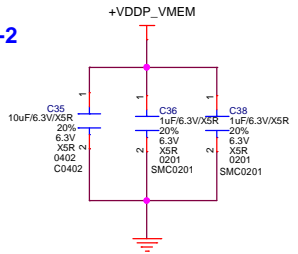




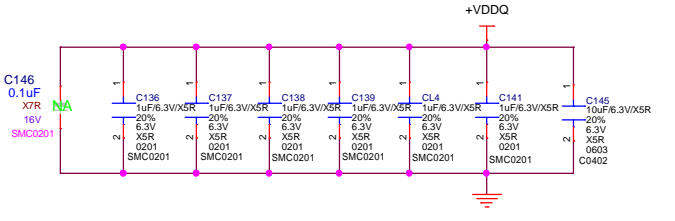
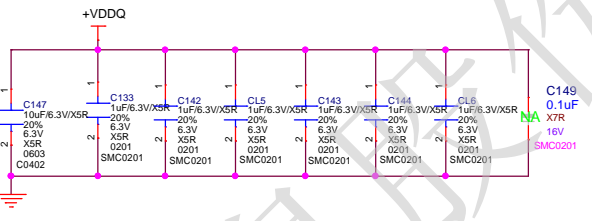
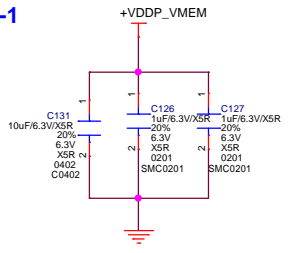
CHA-1



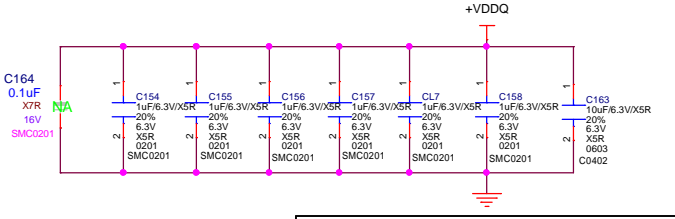
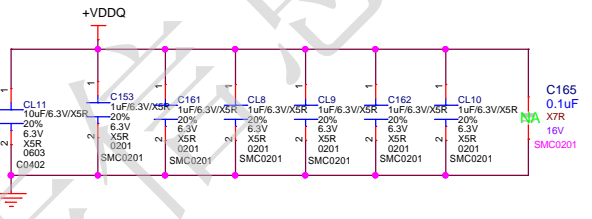
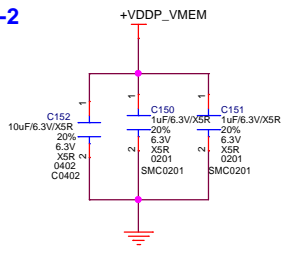
CHA-2




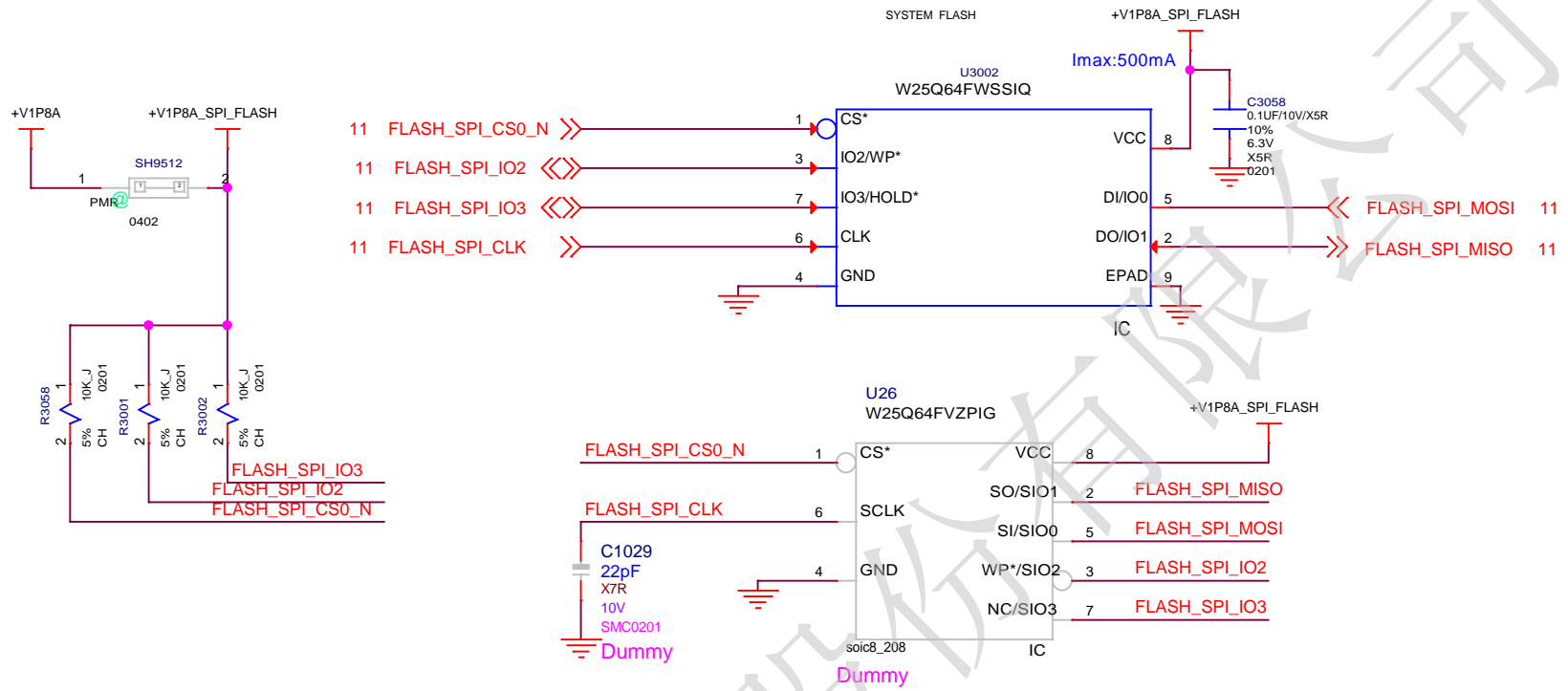
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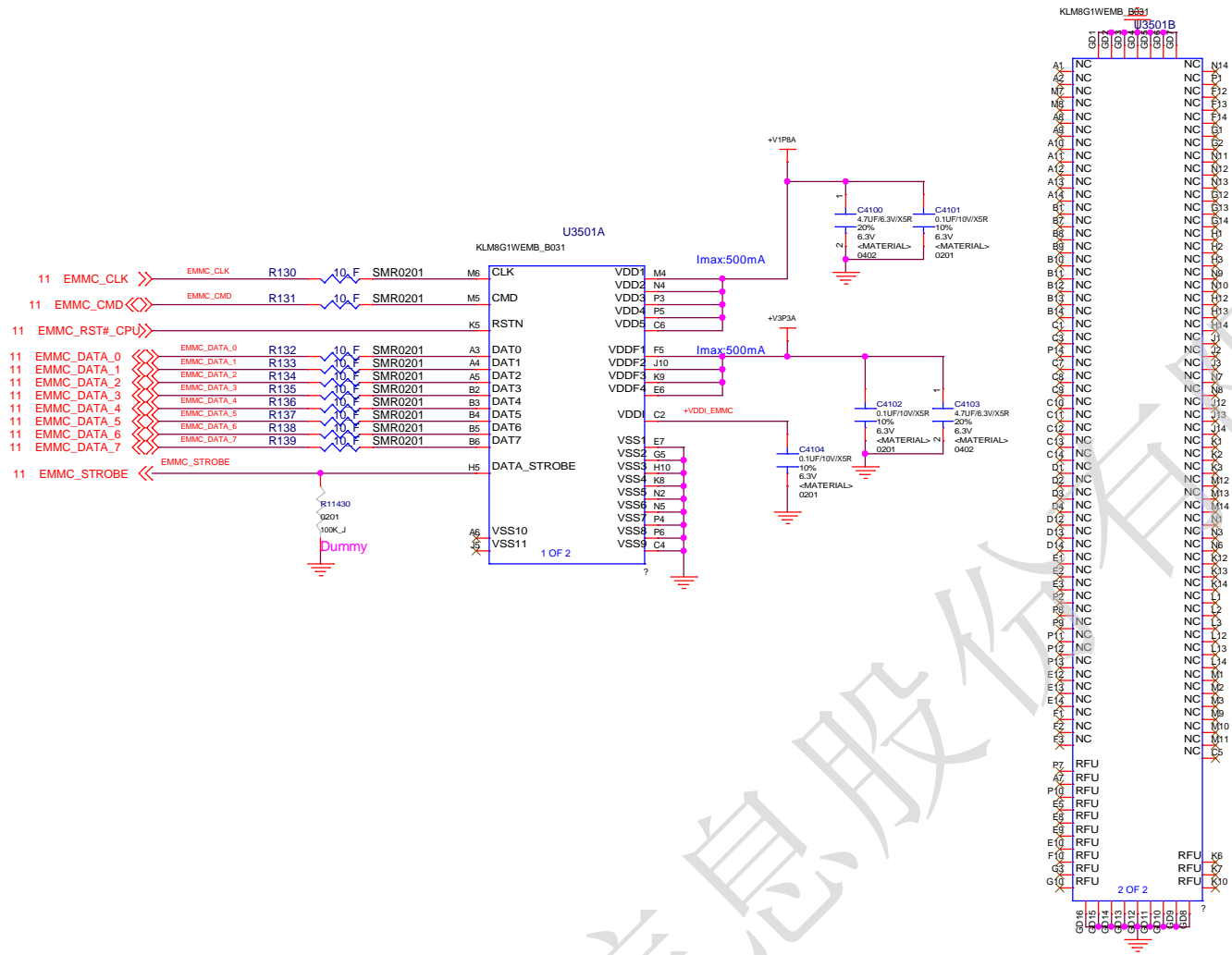
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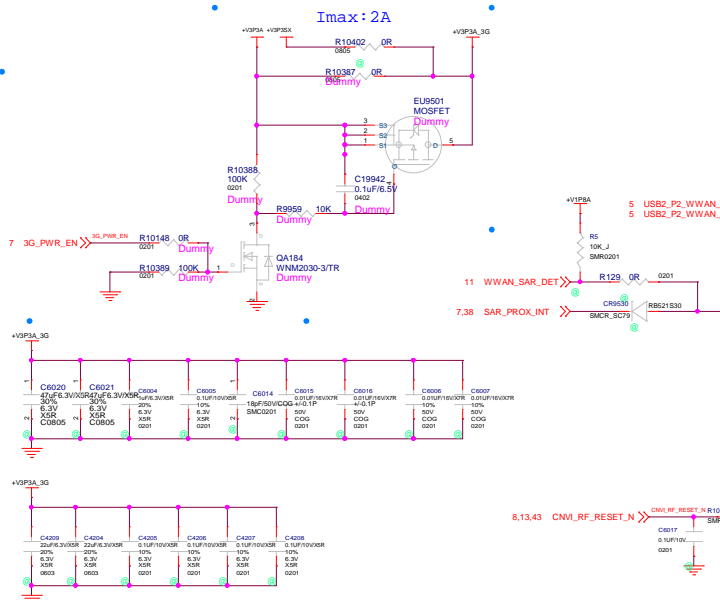


 Gemini Lake		
Title		
Gemini Lake		
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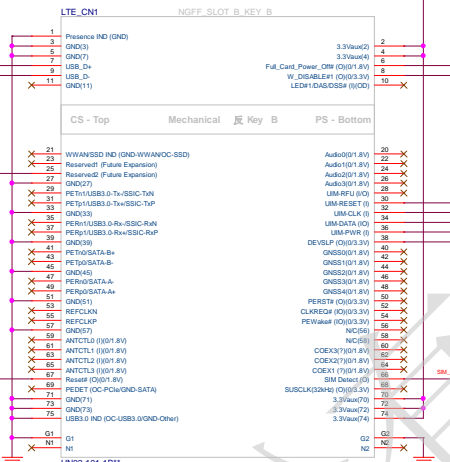
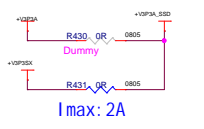


 Gemini Lake		
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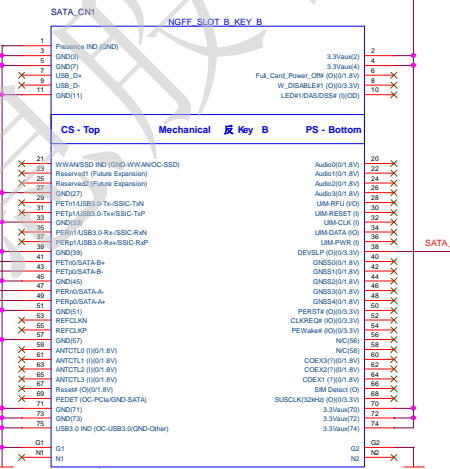




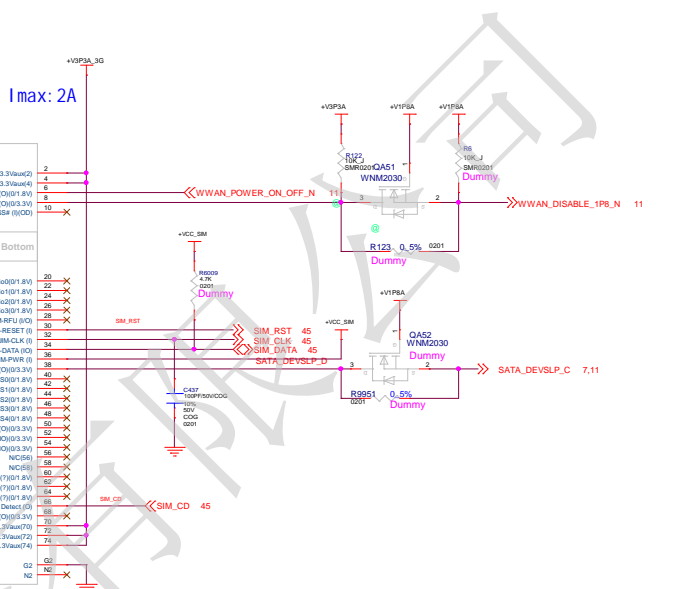
LTE 反 B KEY CONNECTOR
SSD 反 B KEY CONNECTOR



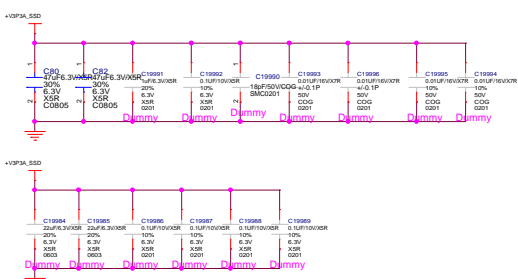
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M2_B_KEY_APCI0173-P002H_B

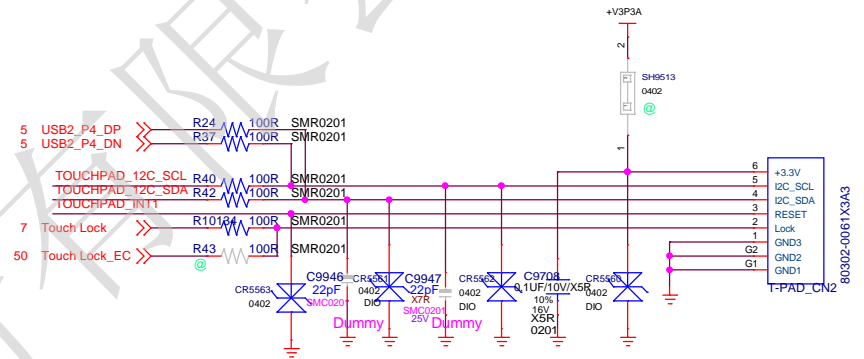
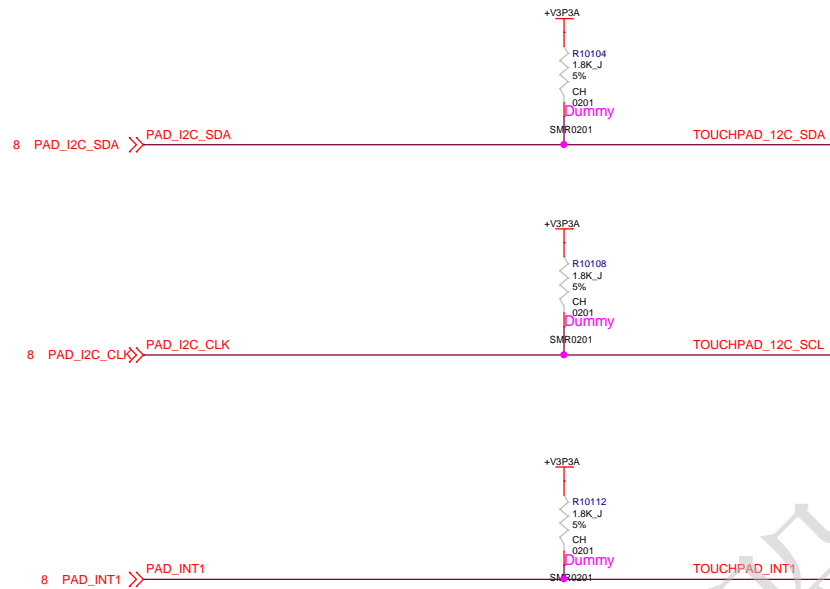


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IMAX: 2A

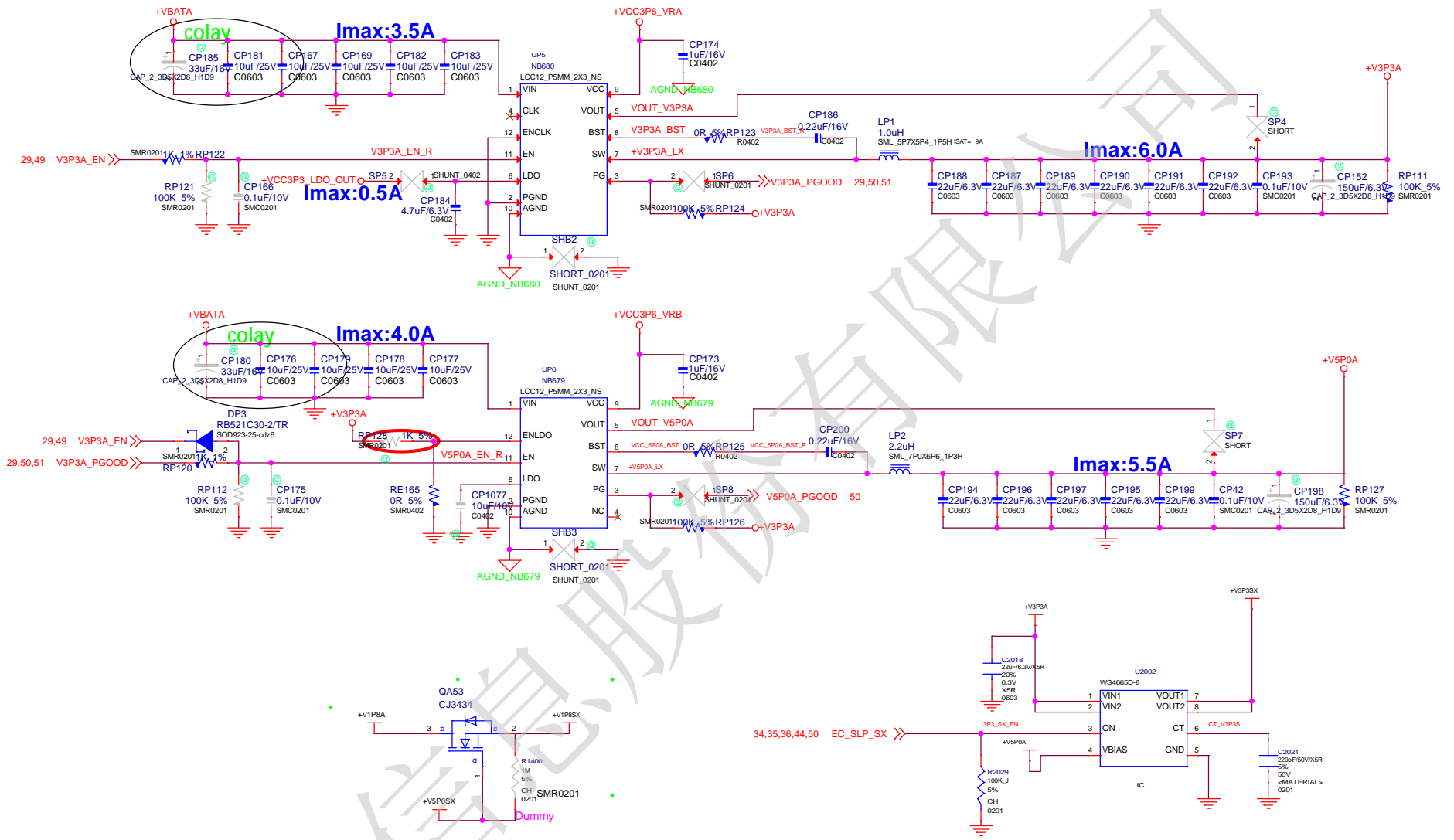




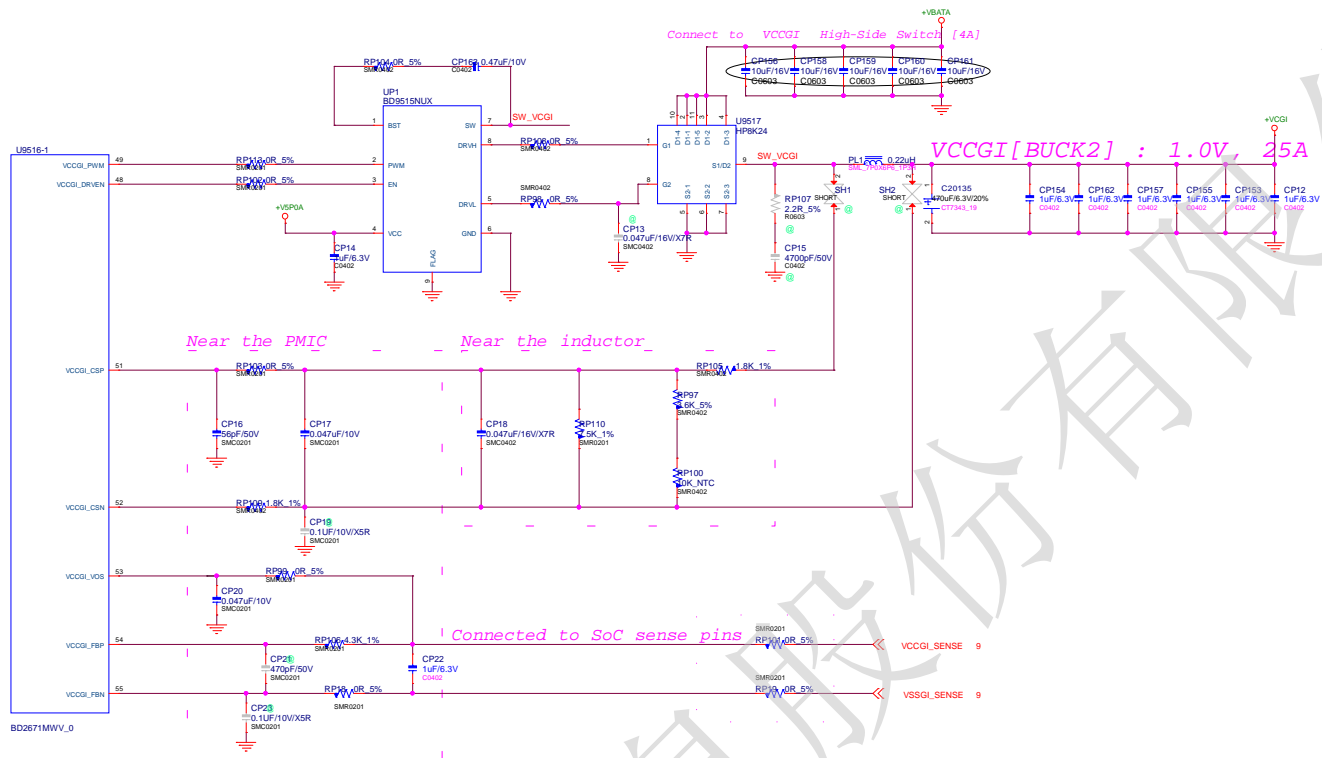
Title Gemini Lake			
Size B	Document Number	MICRO-SD CARD	
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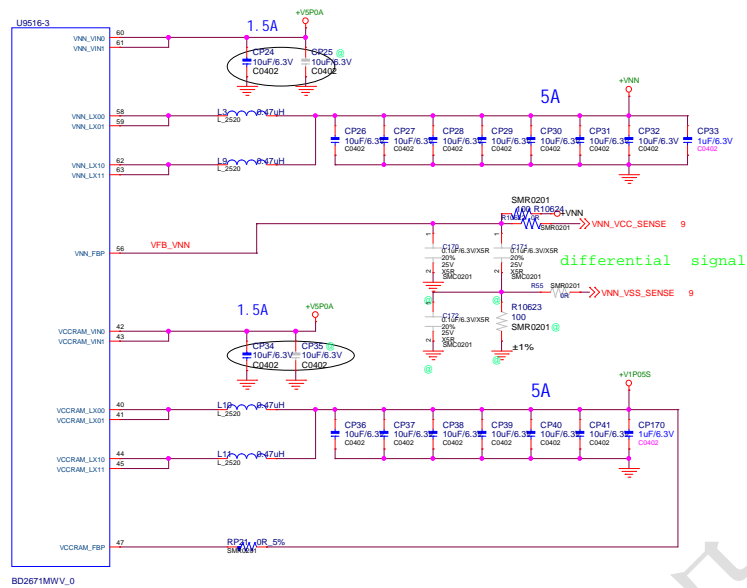
 Gemini Lake		
Title Gemini Lake		
Size A	Document Number SDCARD POWER	Rev R100
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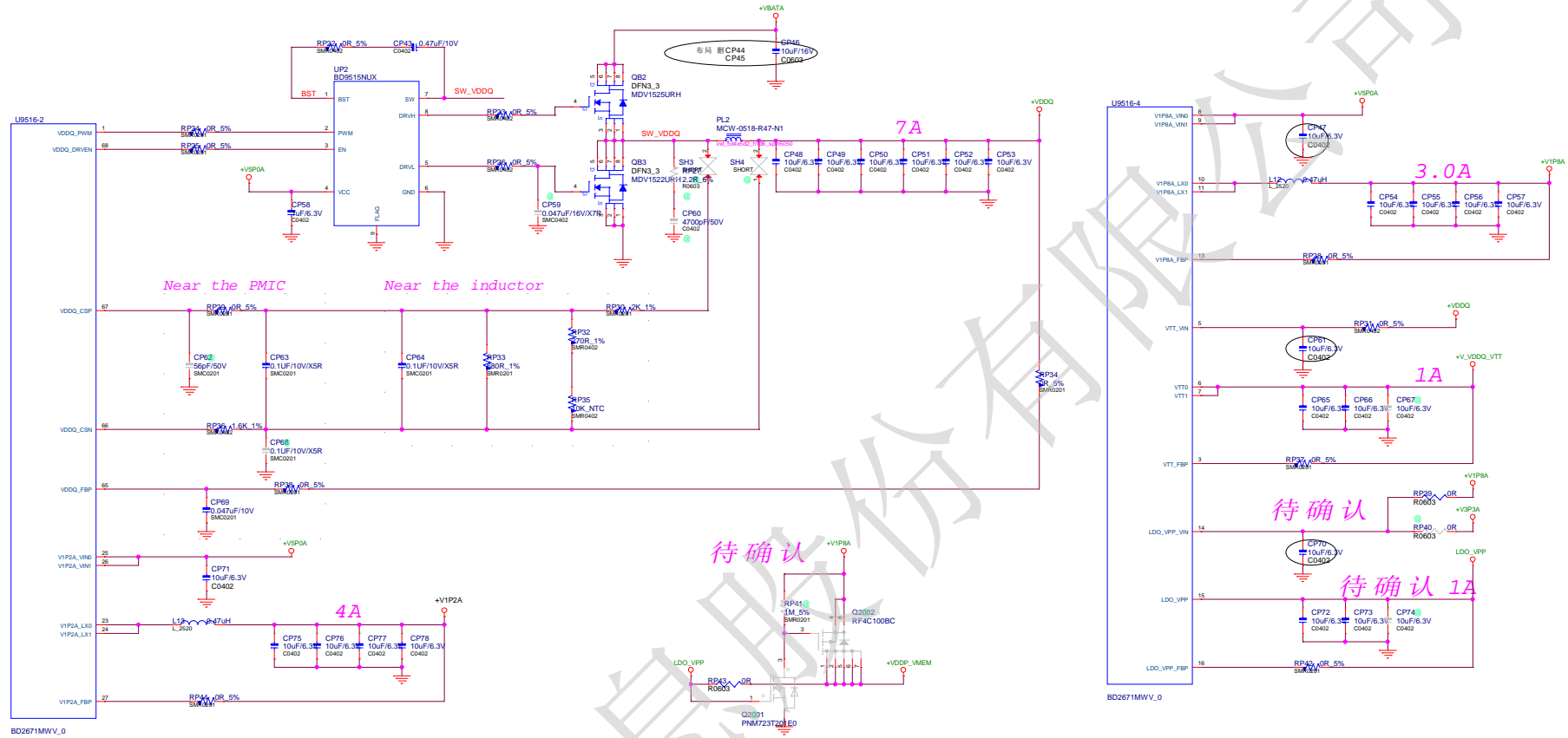
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Title Gemini Lake			
Size Custom	Document Number POWER DELIVERY 5V AND 3.3V	Rev R100	
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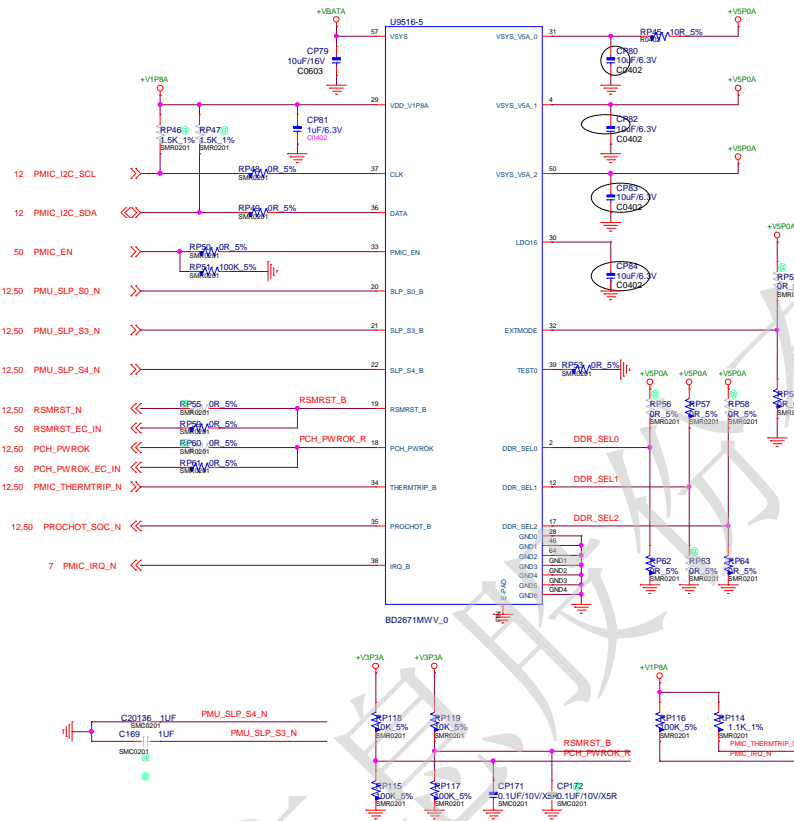


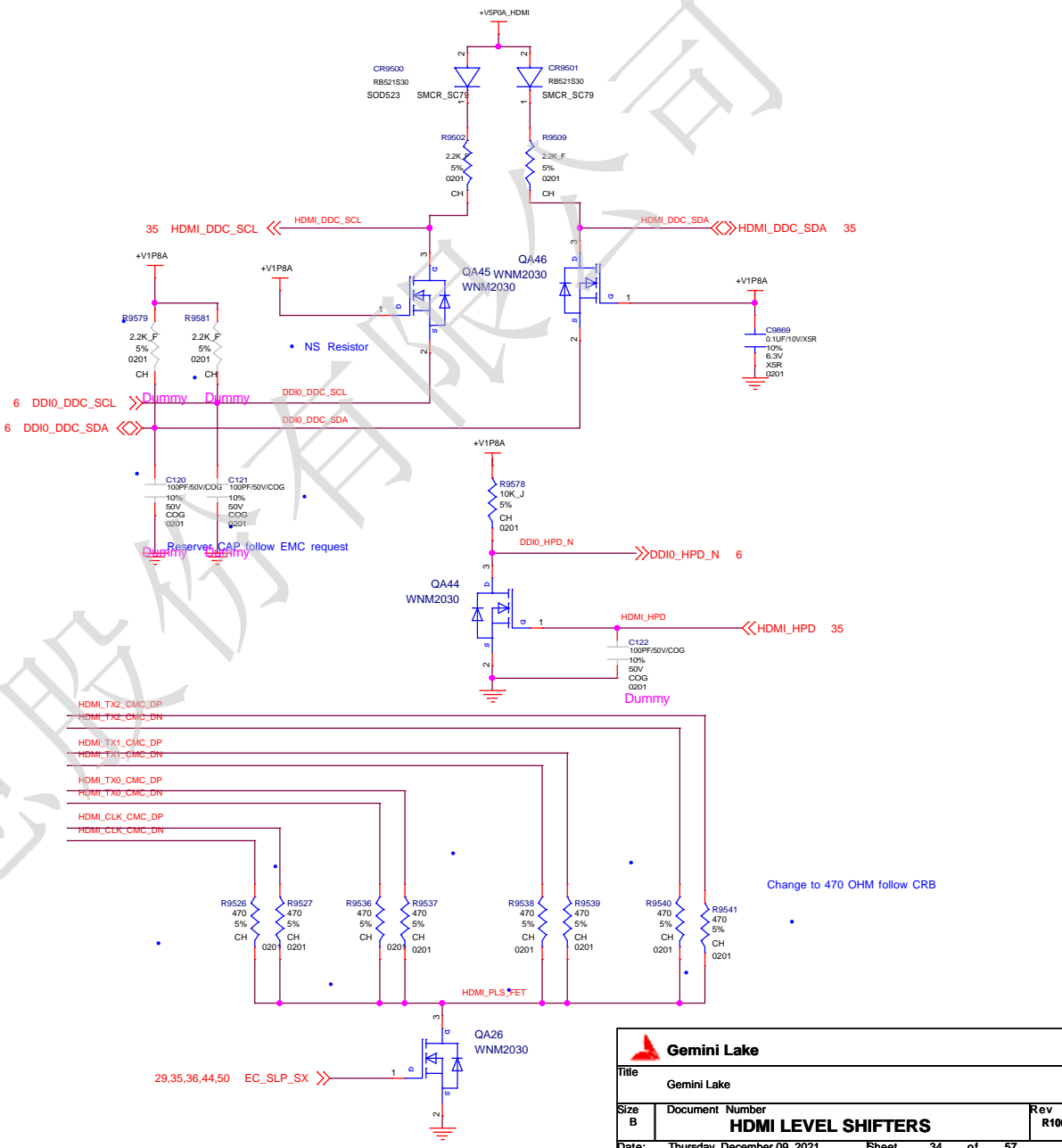
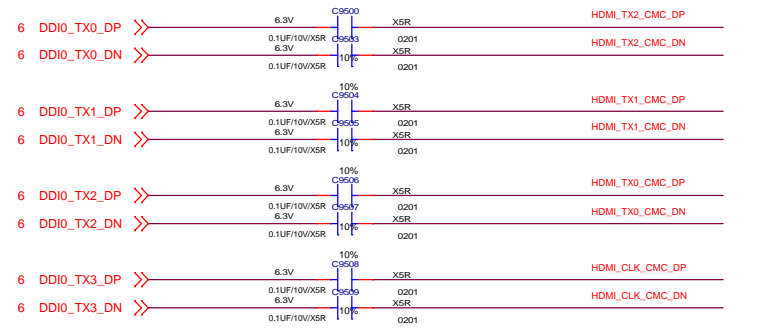
BD2671MWV_0



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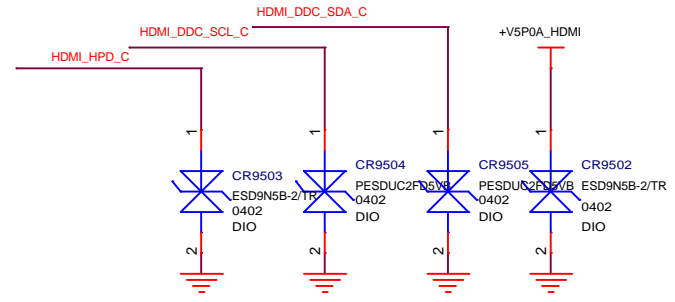
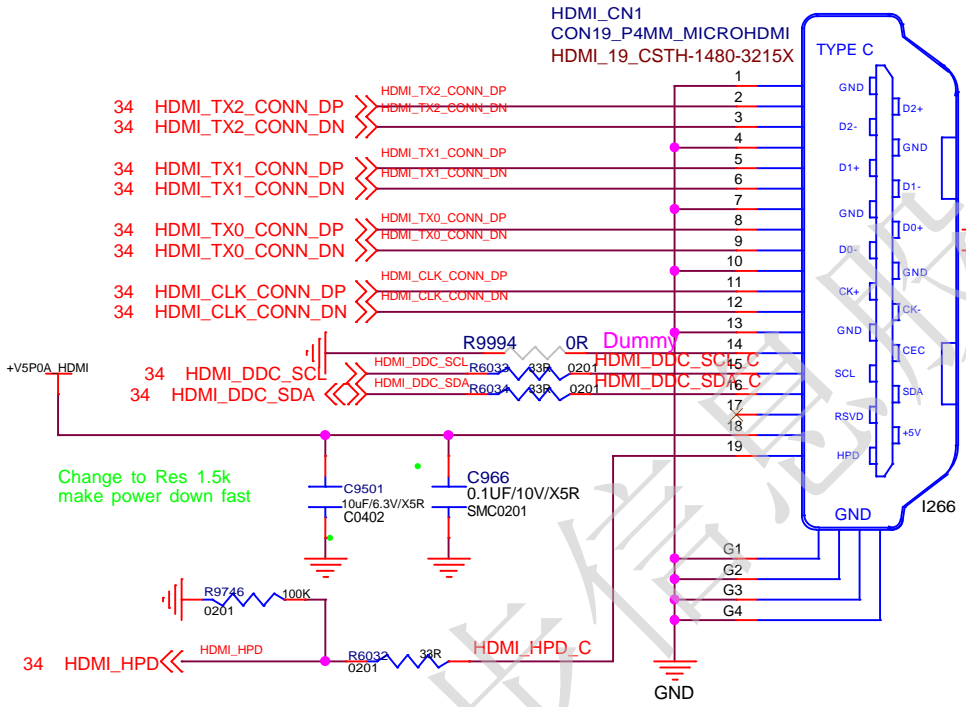
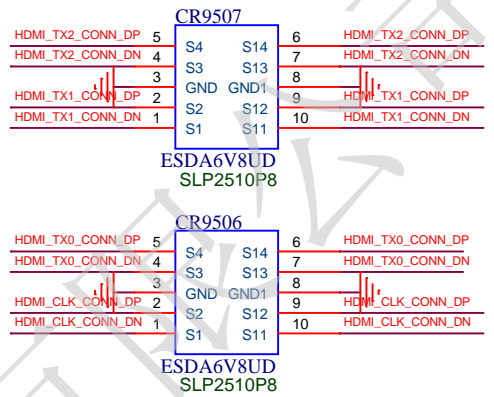
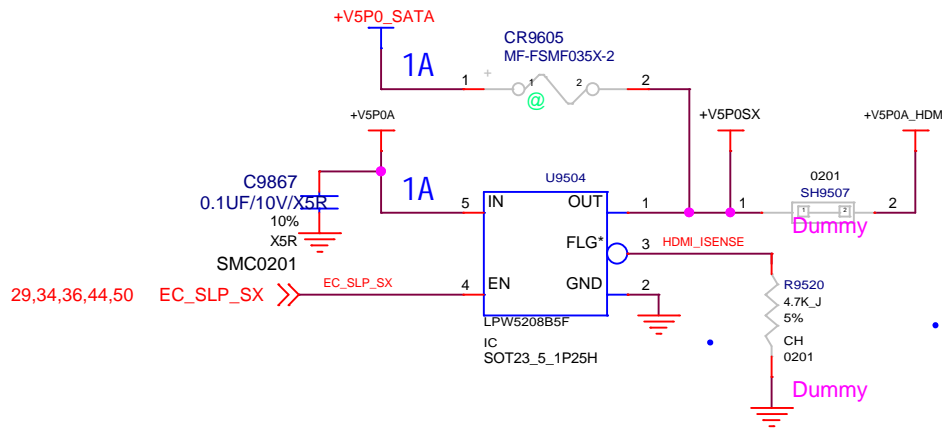




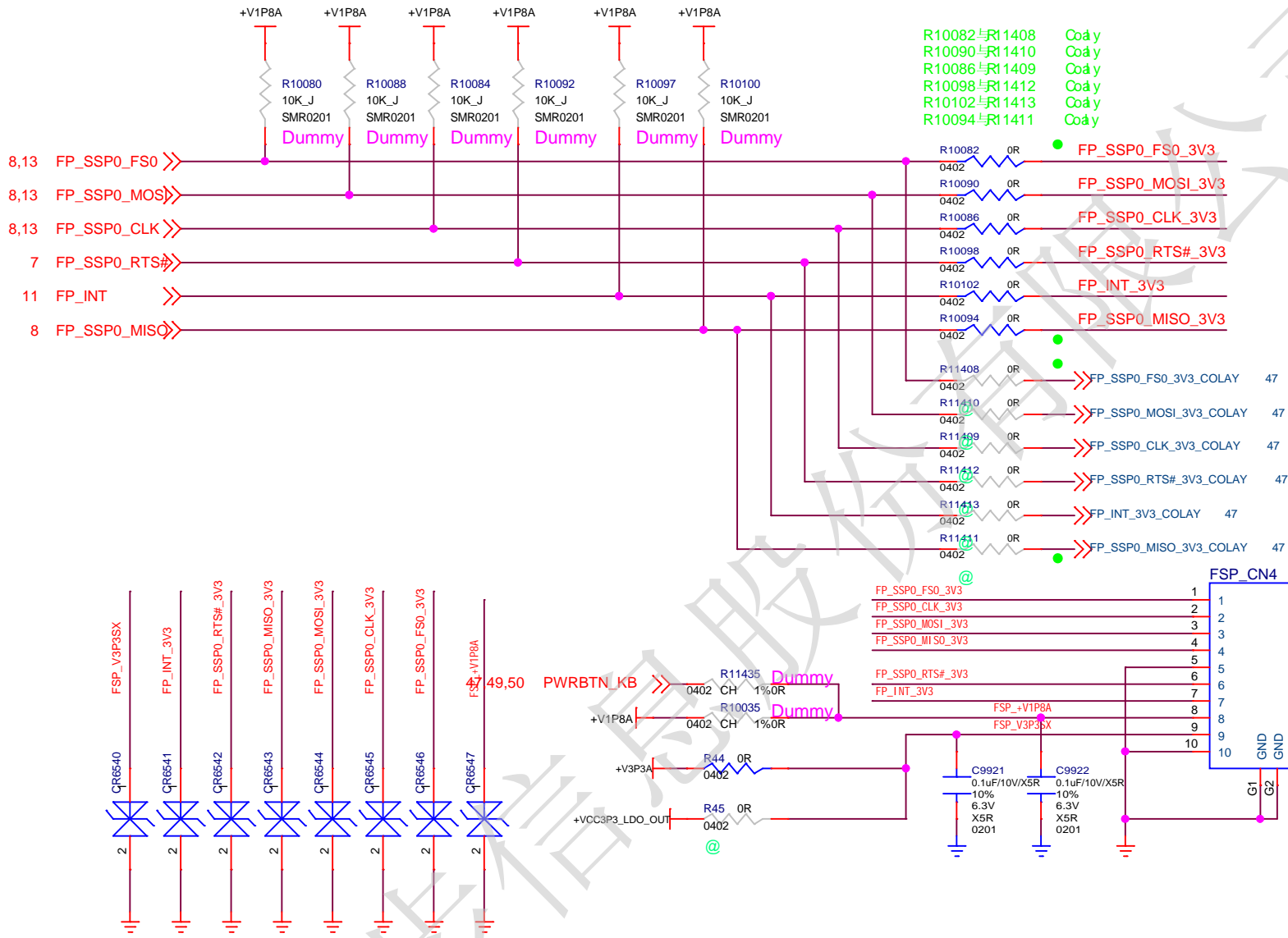
29,35,36,44,50 EC_SLP_SX

Change to 470 OHM follow CRB

Gemini Lake		
Title Gemini Lake		
Size B	Document Number	Rev R100
HDMI LEVEL SHIFTERS		
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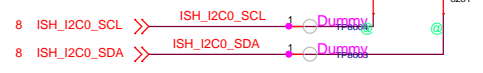
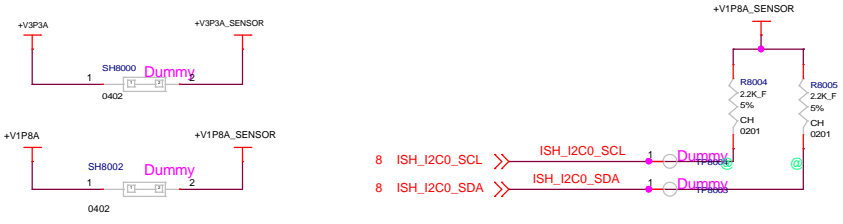


Title Gemini Lake			
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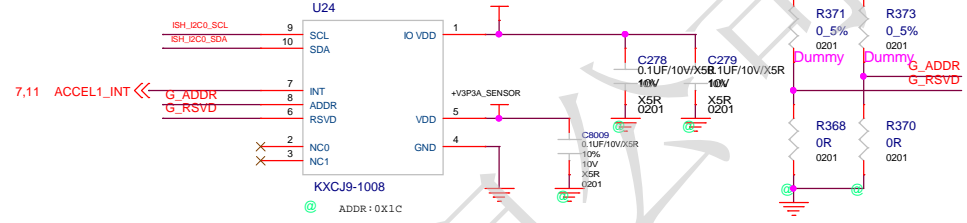


R10082与R1408 Coaly
 R10090与R1410 Coaly
 R10086与R1409 Coaly
 R10098与R1412 Coaly
 R10102与R1413 Coaly
 R10094与R1411 Coaly

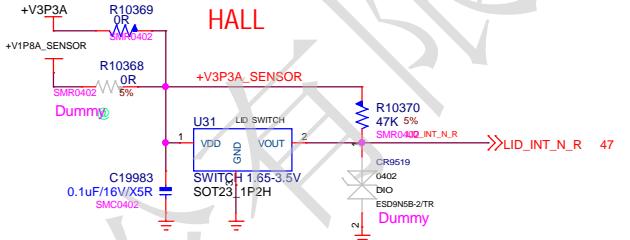
Gemini Lake		
Title Gemini Lake		
Size A	Document Number TOUCH PANEL AND DOCK	Rev R100
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ACCELEROMETER

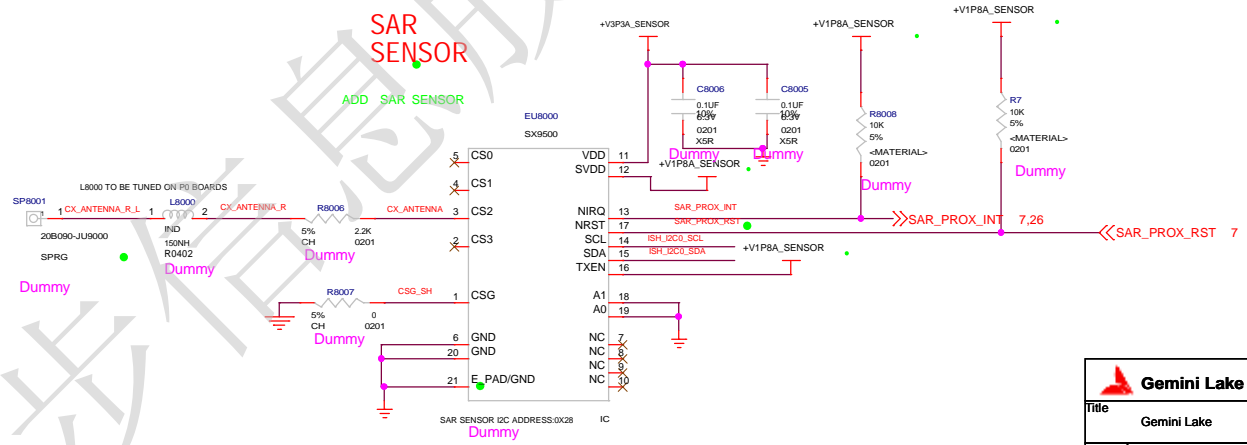


HALL



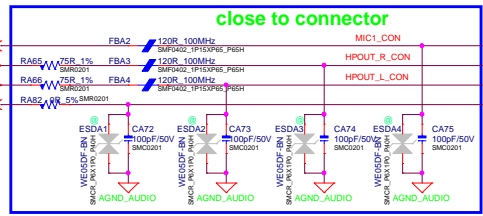
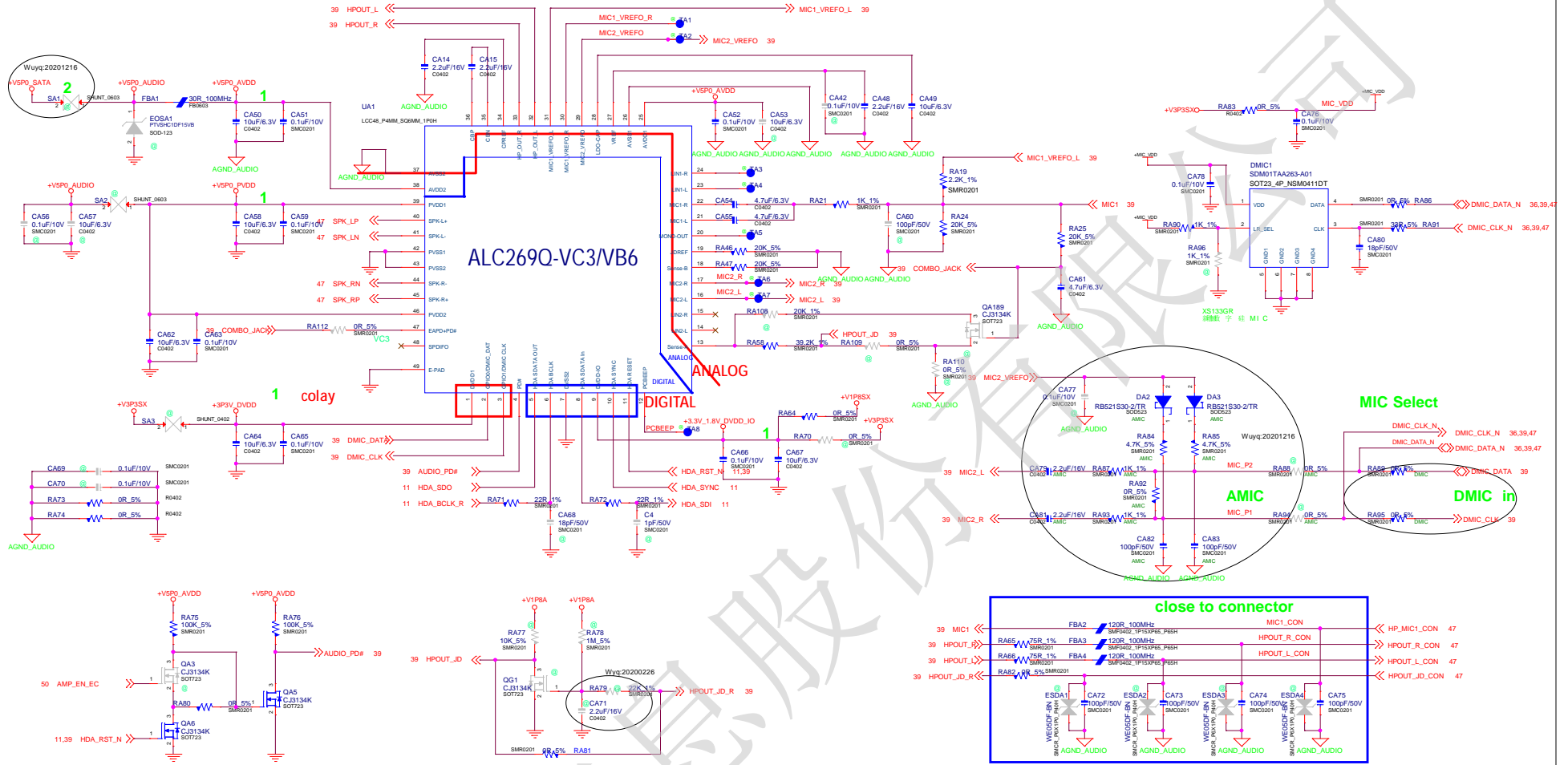
SAR SENSOR

ADD SAR SENSOR




Title Gemini Lake		
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ACCEL I2C ADDR: 0X18




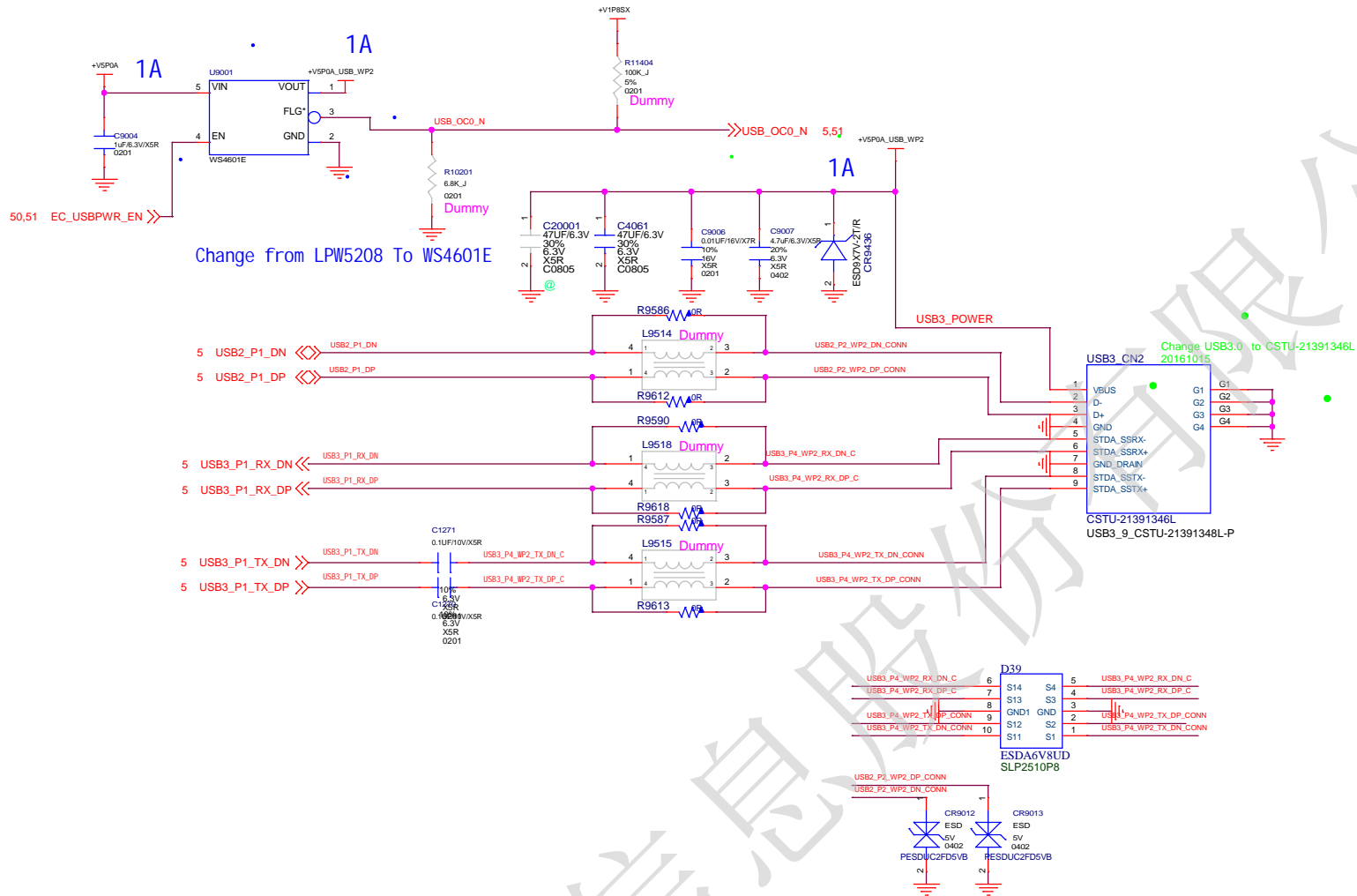
Gemini Lake			
File Gemini Lake			
Size C	Document Number NC	Rev R06	
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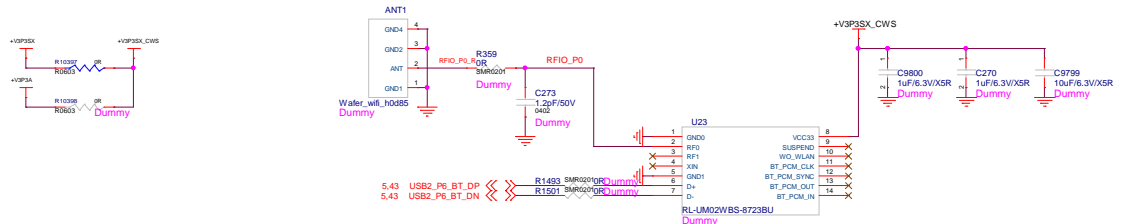
 Gemini Lake			
Title Gemini Lake			
Size A3	Document Number NC	Rev R100	
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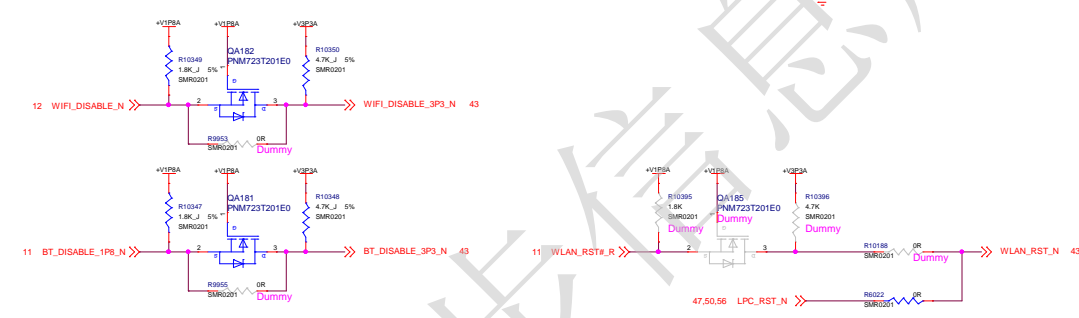
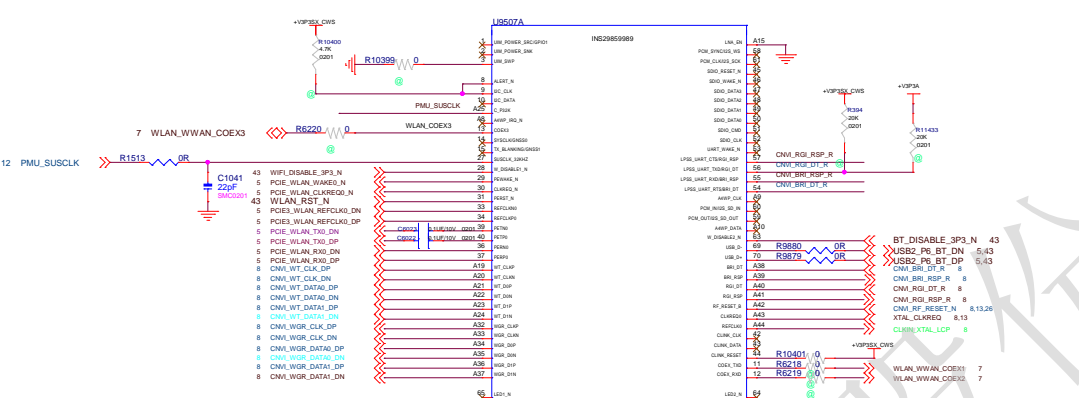
 Gemini Lake		
Title Gemini Lake		
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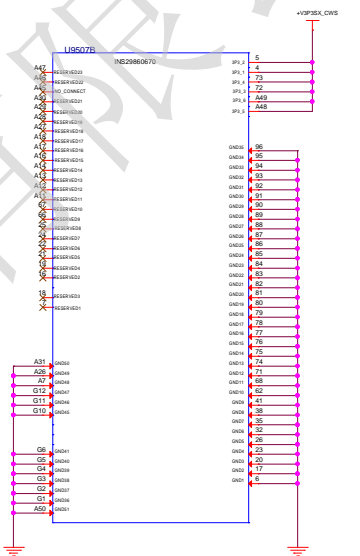
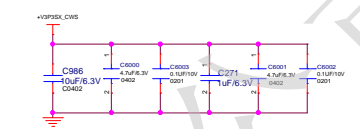
Title Gemini Lake			
Size B	Document Number		Rev R100
USB3.0 CONN			
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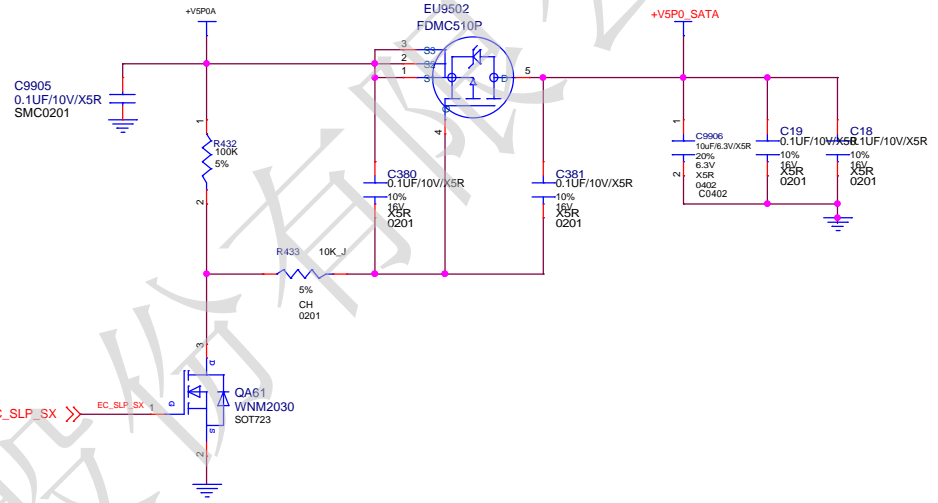
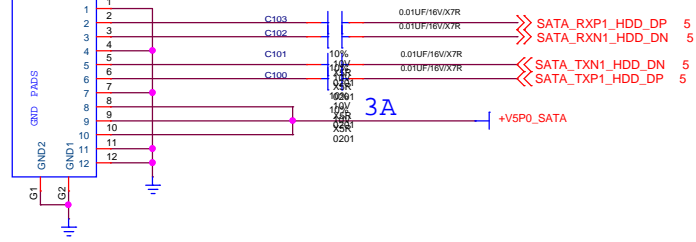
U9507



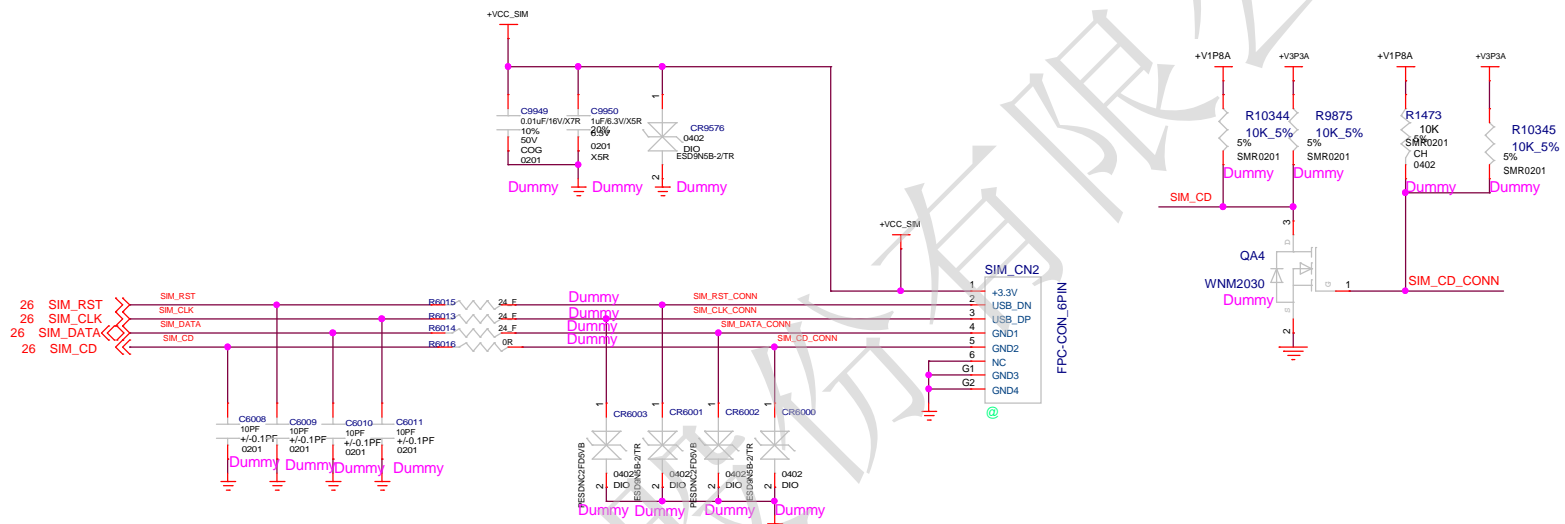
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- Dummy TP900D 1 BT_DISABLE_3P3_N
- Dummy TP900E 1 PCI_E_WLAN_WWAN_DP
- Dummy TP900F 1 PCI_E_WLAN_WWAN_DP
- Dummy TP900G 1 PCI_E_WLAN_WWAN_DP
- Dummy TP900H 1 PCI_E_WLAN_WWAN_DP
- Dummy TP900I 1 WIFI_DISABLE_3P3_N




SATA_CN2
CON12_FPC0515_H1D5_B

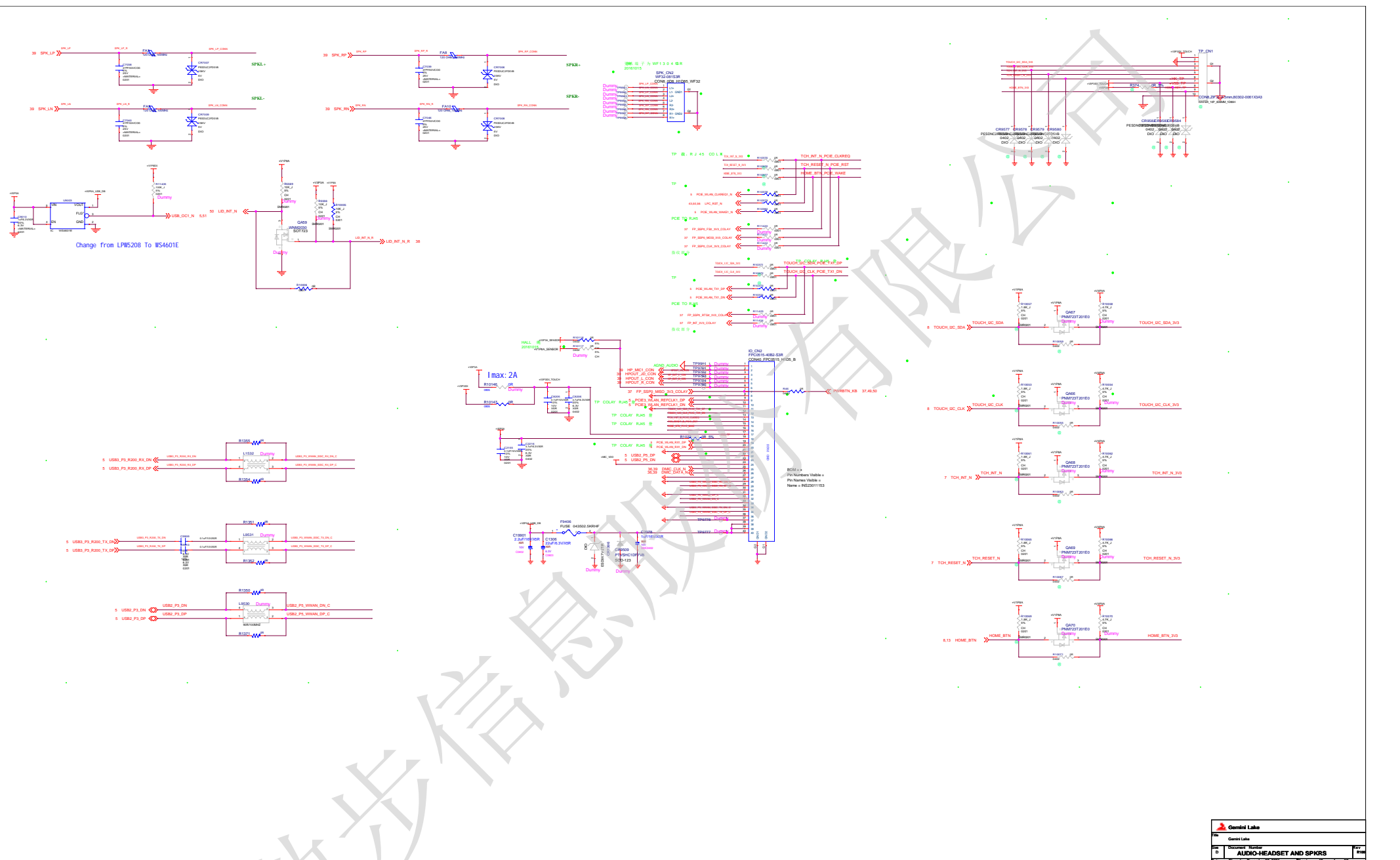


Title Gemini Lake		
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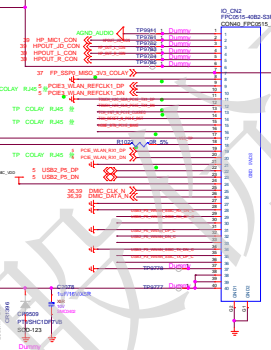
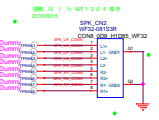


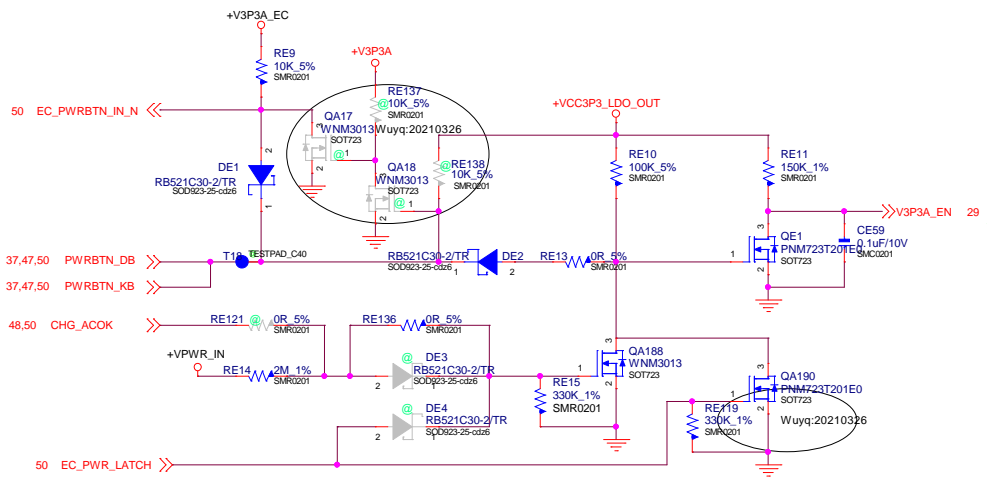
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Title: Gemini Lake			
Size: B	Document Number: MICRO SIM	Rev: R100	
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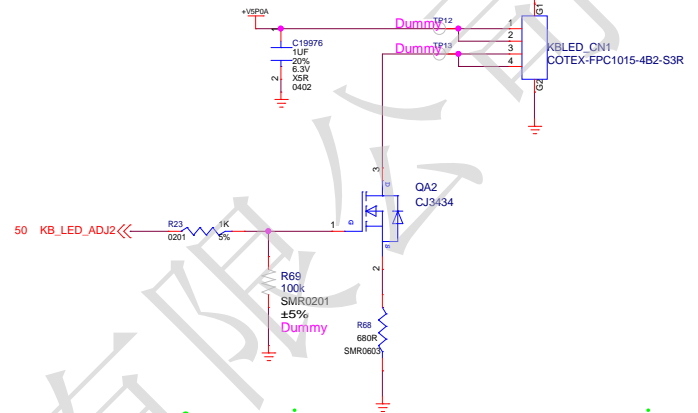


Change from LPW5208 To W54601E

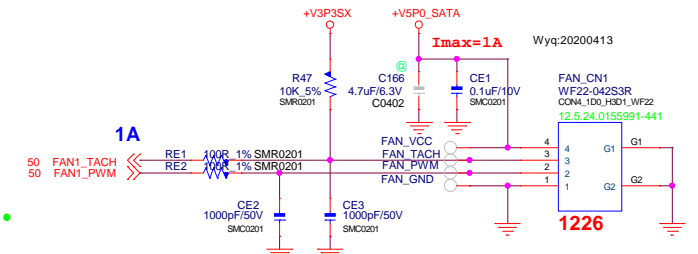
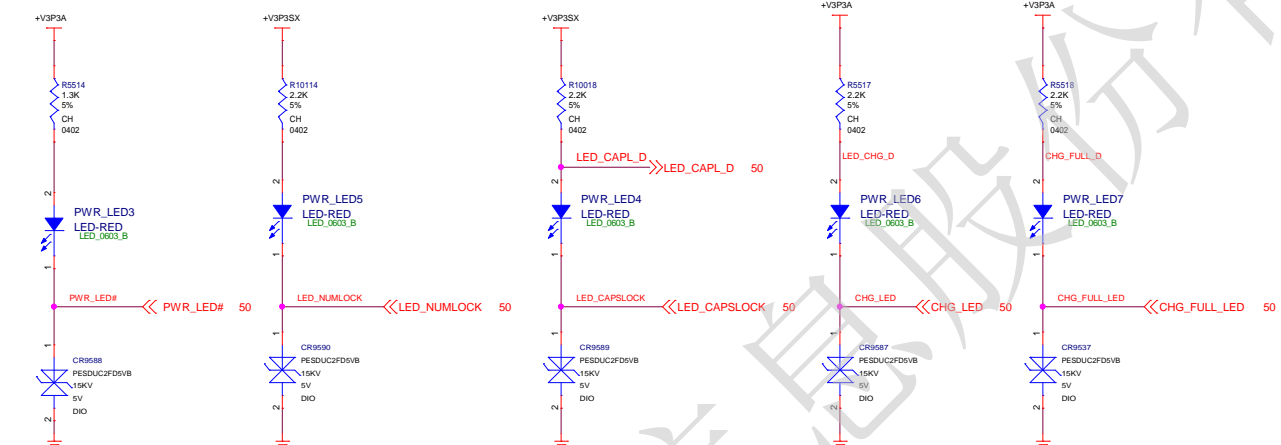




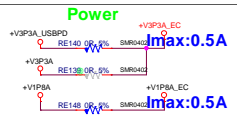
KEYBOARD BACKLIGHT 20170606



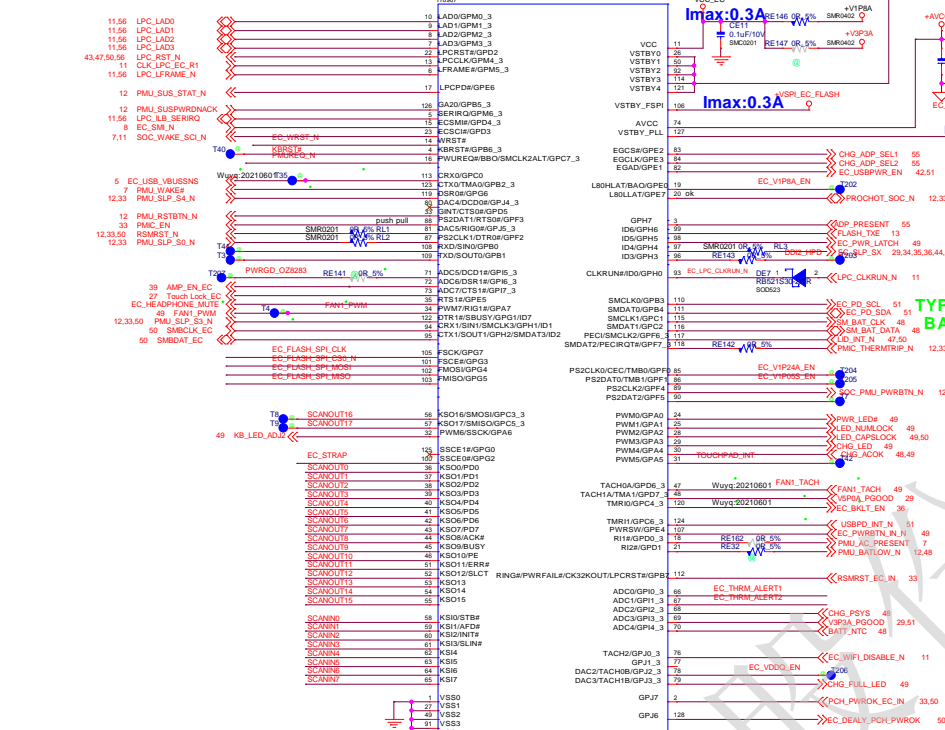
update LED order
20161015



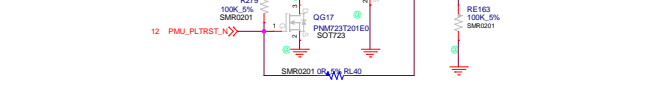
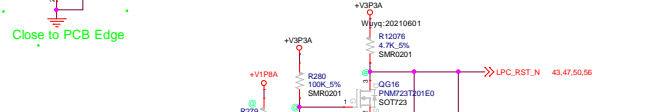
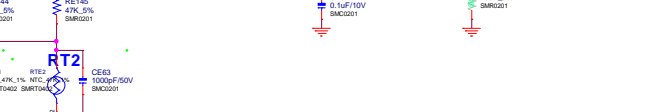
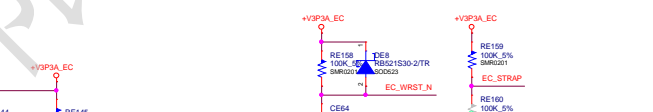
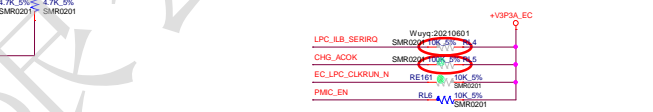
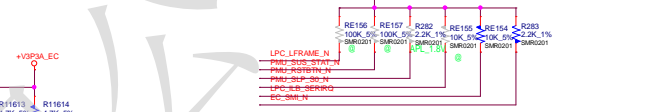
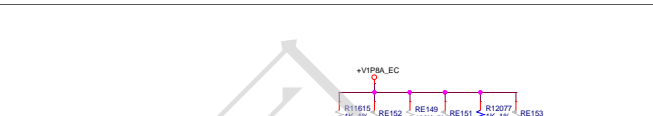
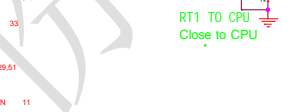
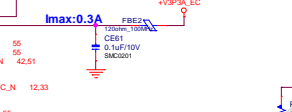
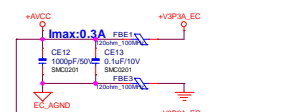
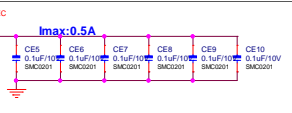
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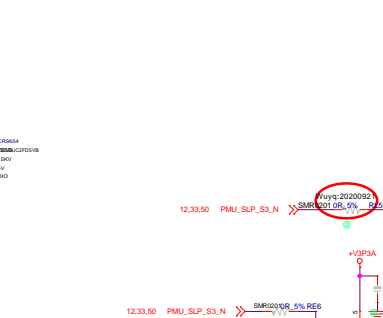
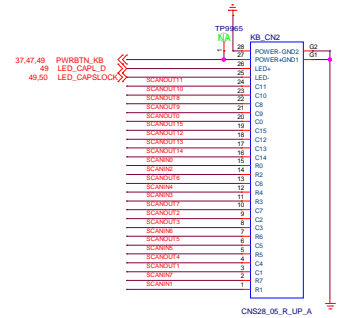
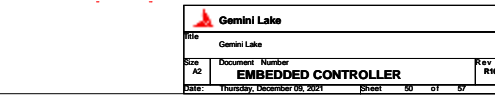
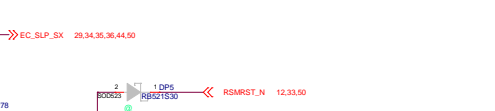
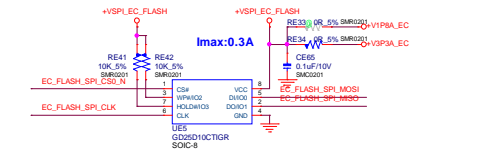
20210603 check ok



TYPE-C BAT




EC SPI FLASH



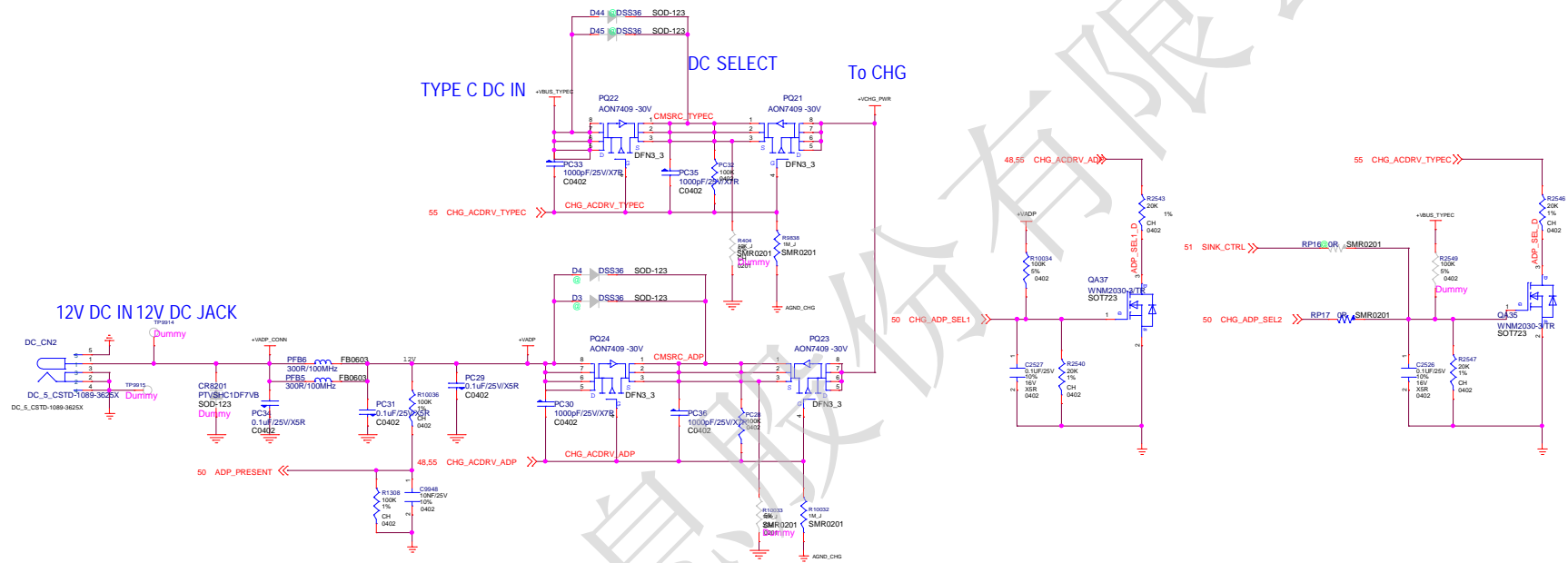
Gemini Lake			
Title	Gemini Lake		
Size	Document Number		
A2	EMBEDDED CONTROLLER		
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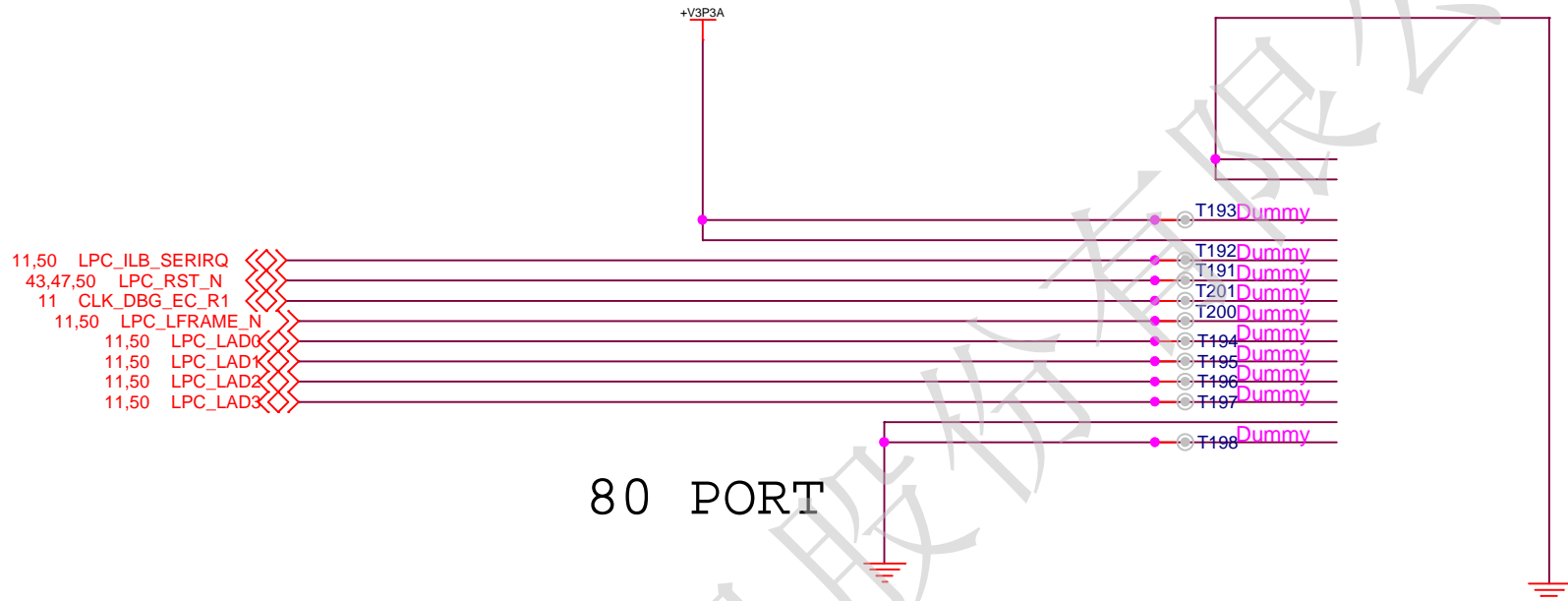
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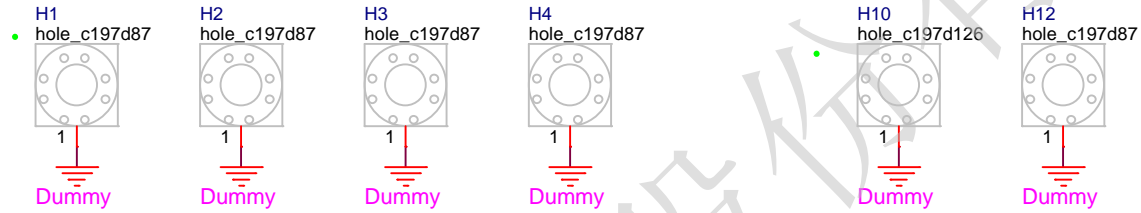
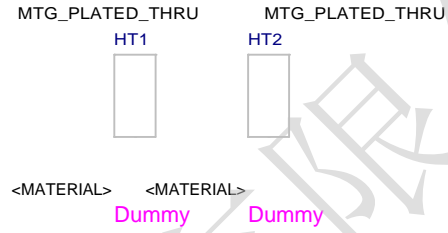
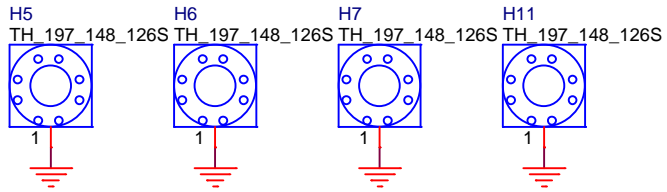
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