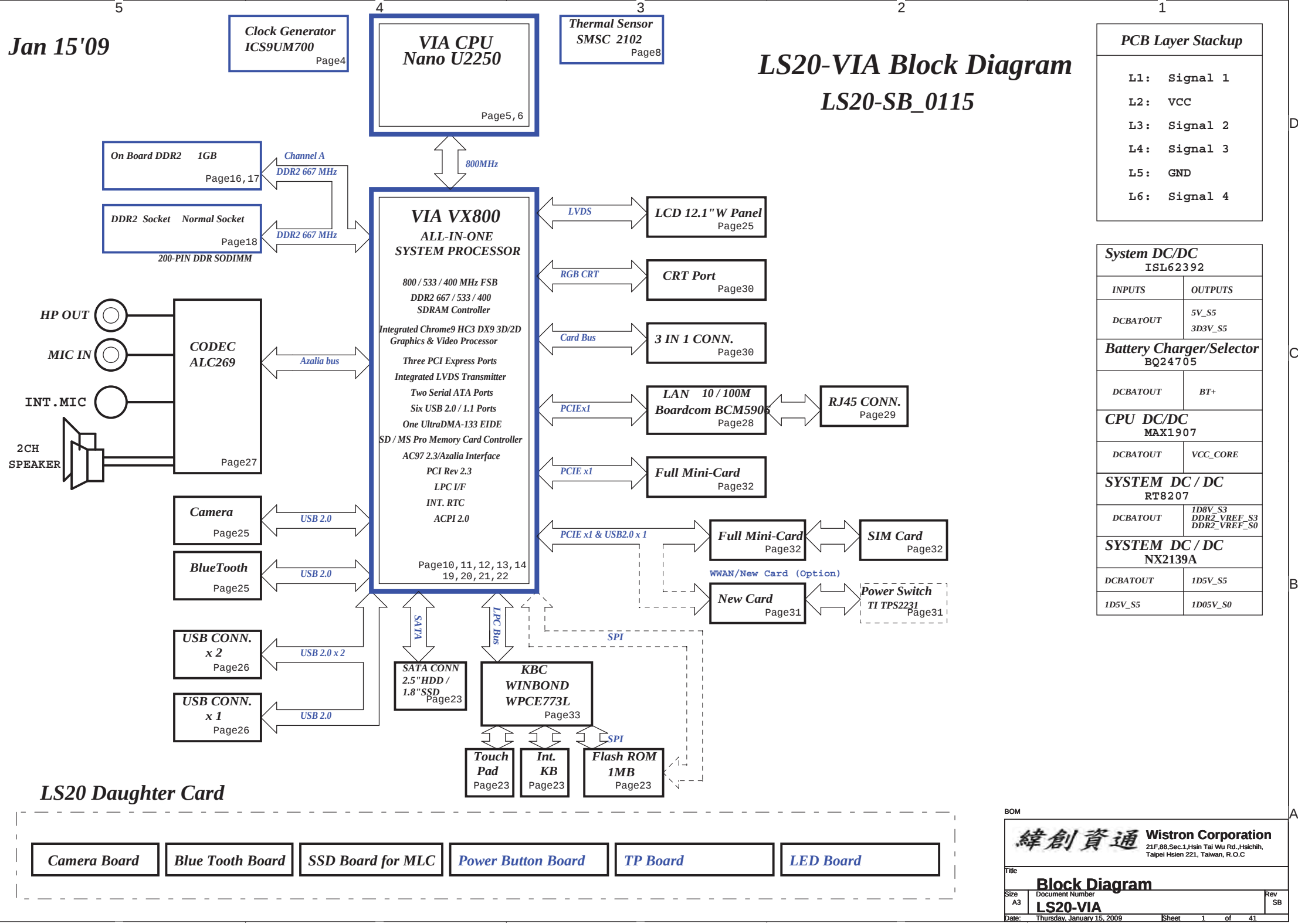
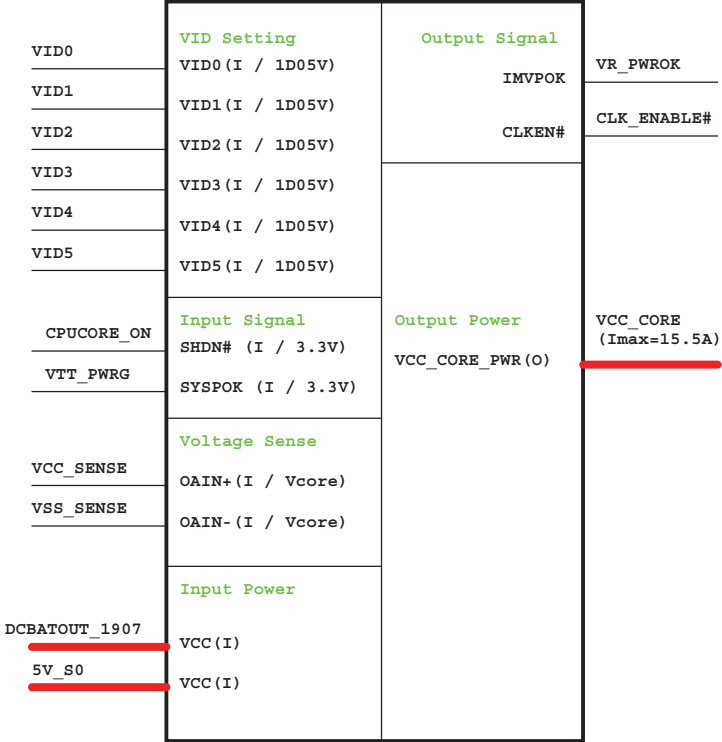


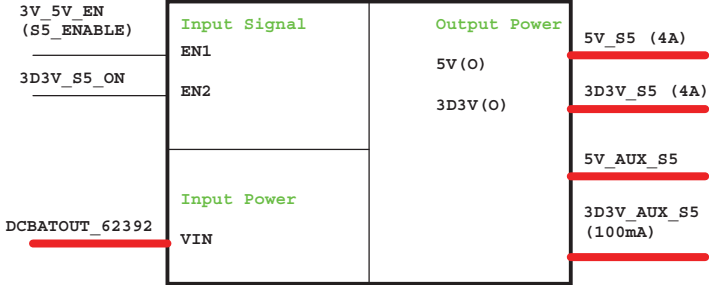
Jan 15'09



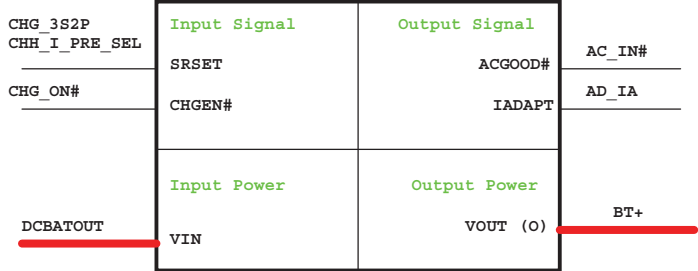
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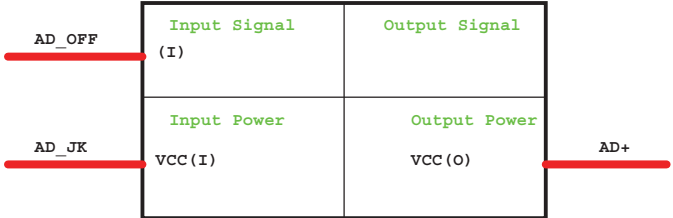
5V/3D3V - ISL62392



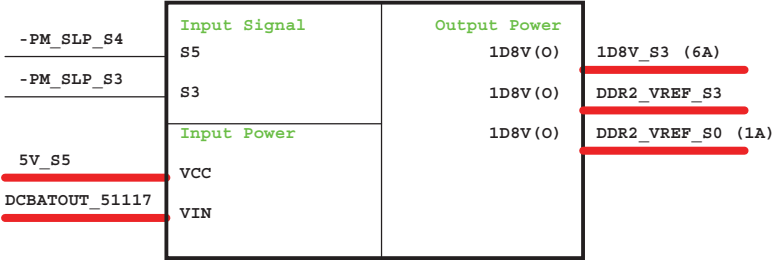
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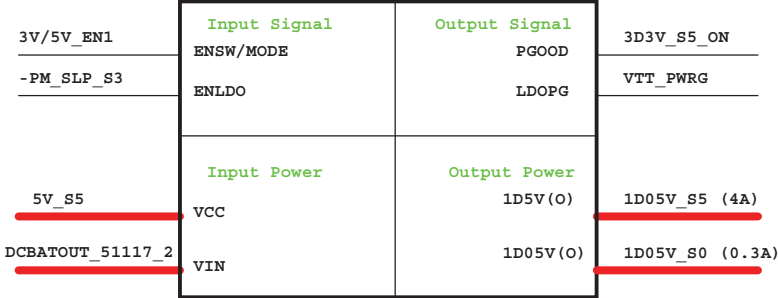
Adapter



1D8V - RT8207



1D5V/ 1D05V - NX2139



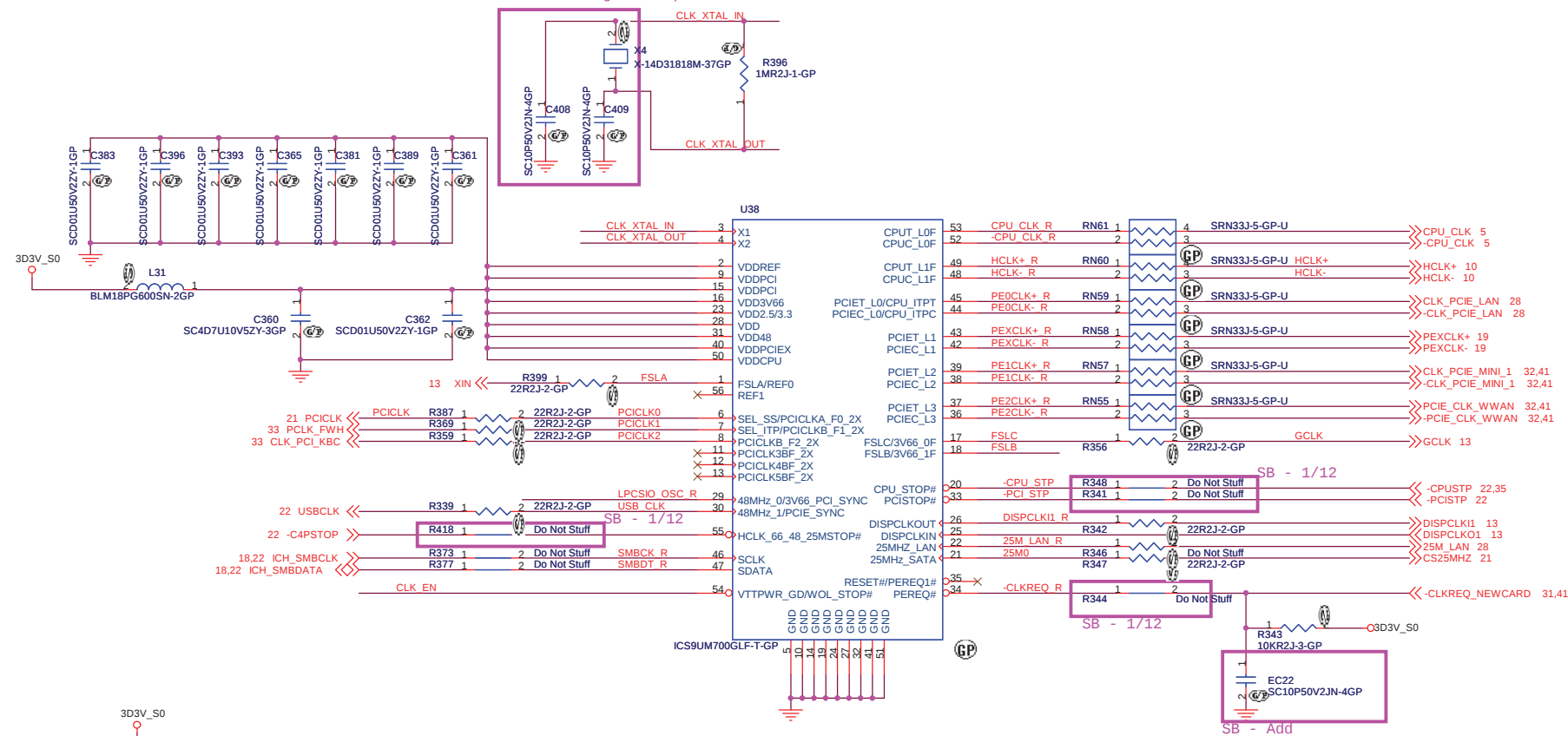
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	0	0	1	0		
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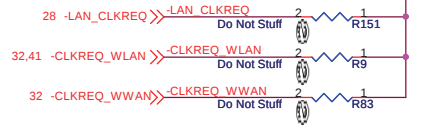
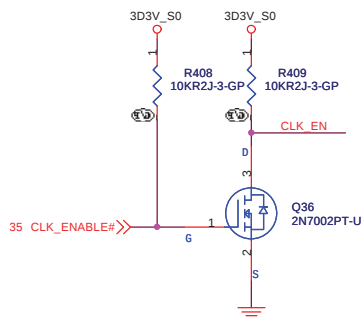
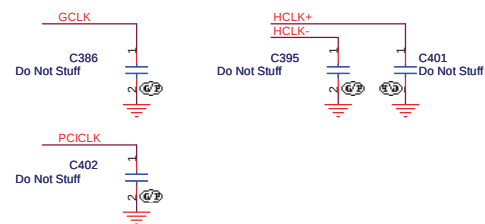
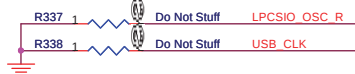
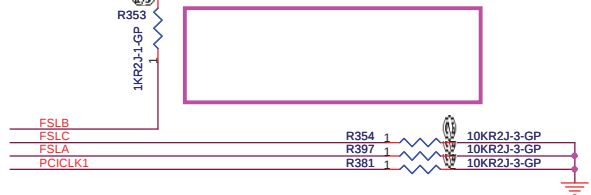
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緯創資通 Wistron Corporation 21F,88,Sec.1,Hsin Tai Wu Rd.,Hsichih, Taipei Hsien 221, Taiwan, R.O.C		
Title		
Reference		
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SB-12/29 Change to 10p



SB - 1/12 -Delete R355,R398,R376,R352







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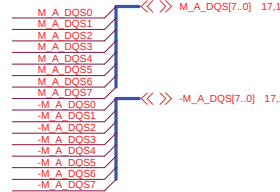
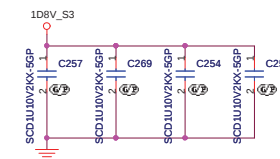
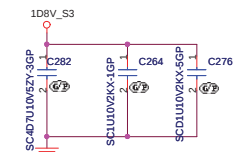
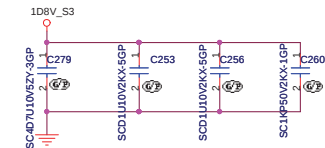
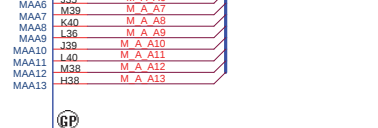
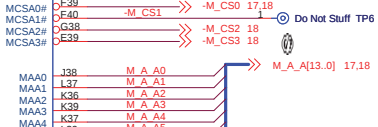
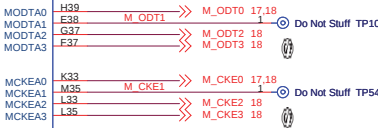
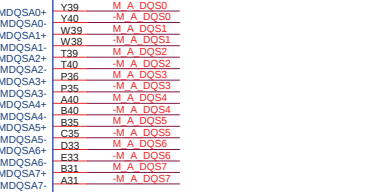
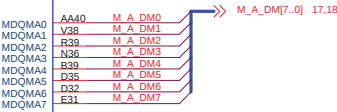
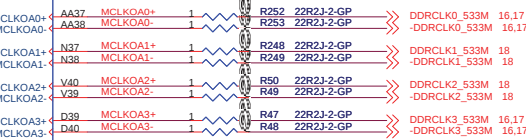
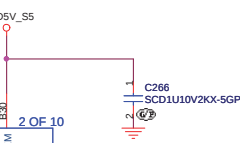
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17.18 M_A_BS1 <<>
17.18 M_A_BS2 <<>

17.18 -M_A_RAS <<>
17.18 -M_A_CAS <<>
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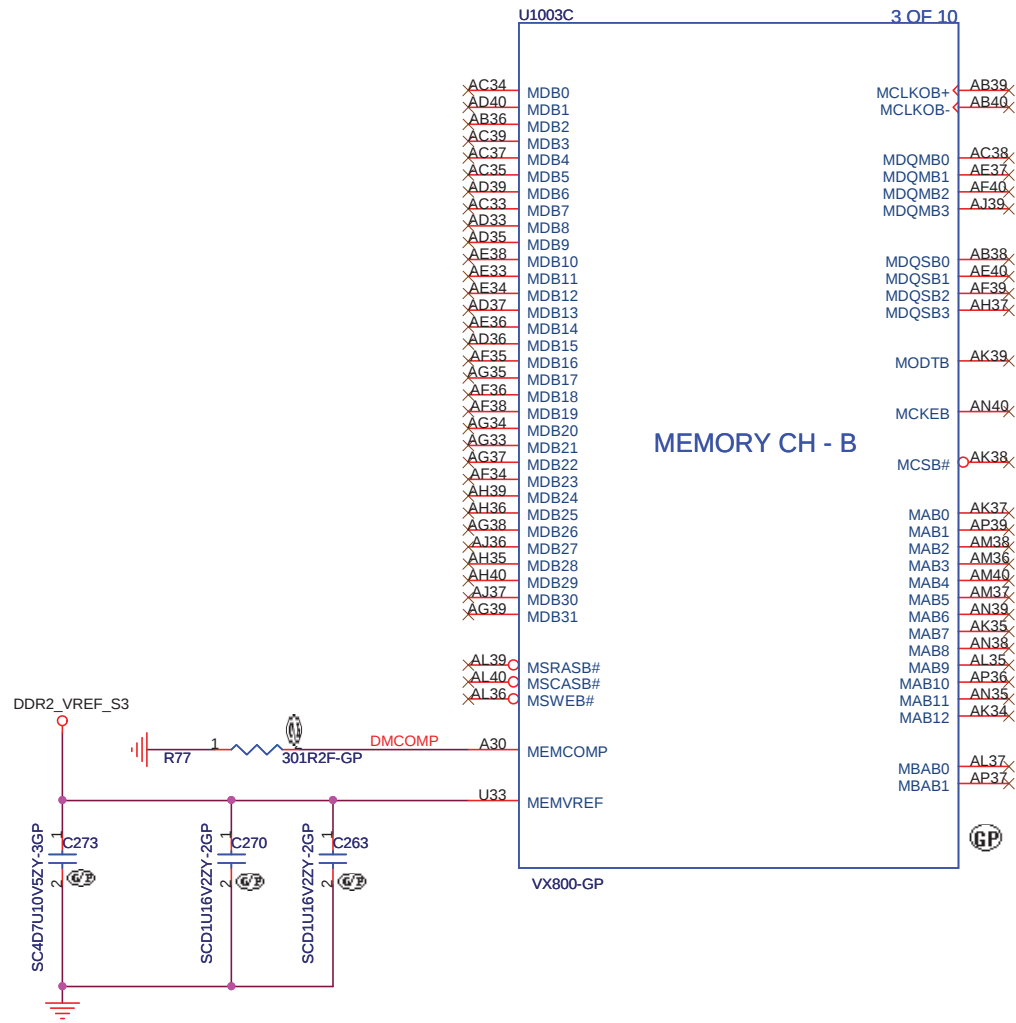


MEMORY CH - A



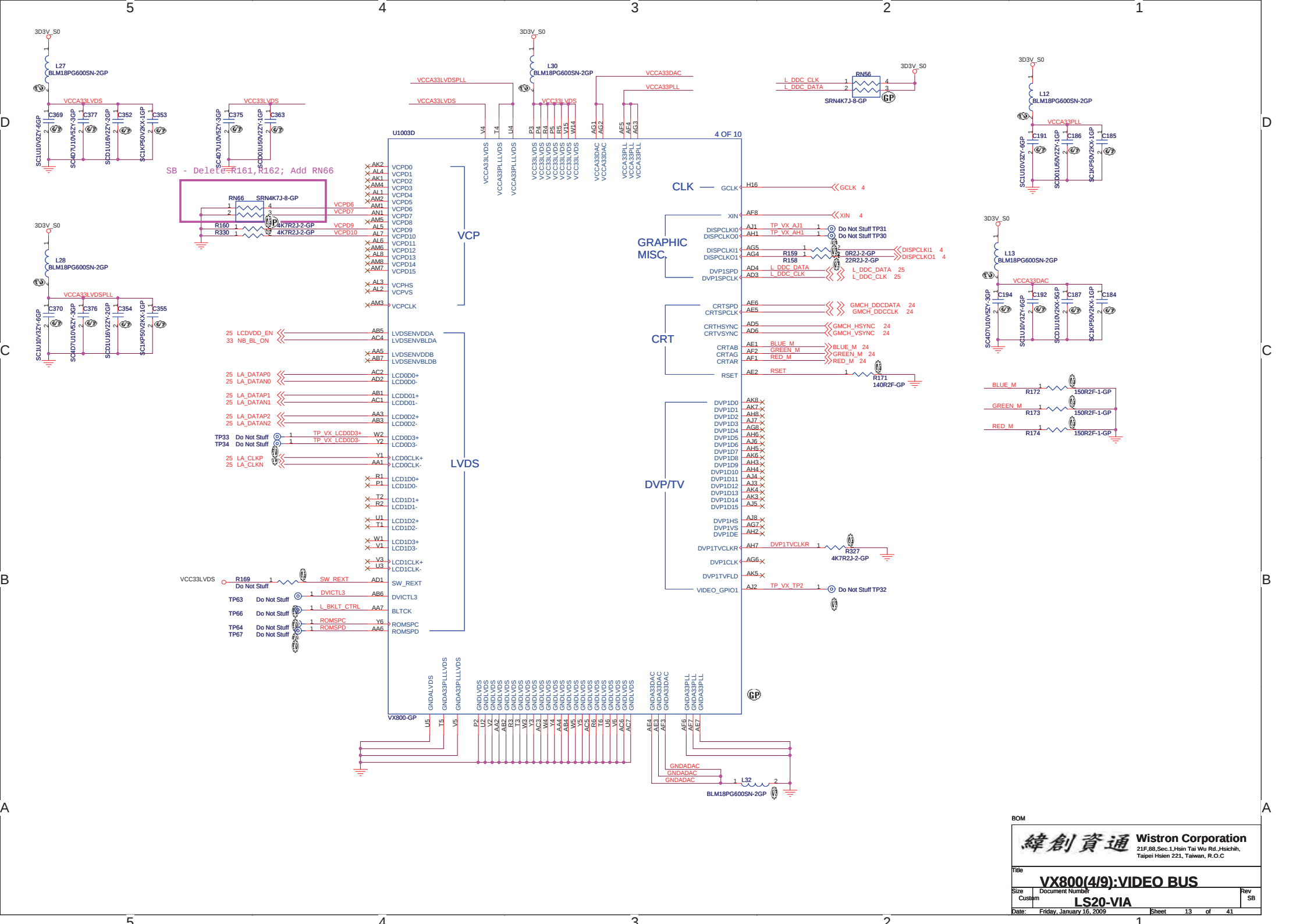
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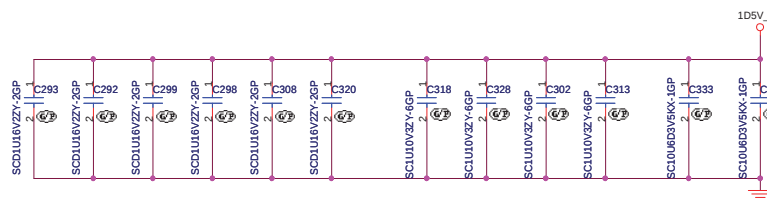
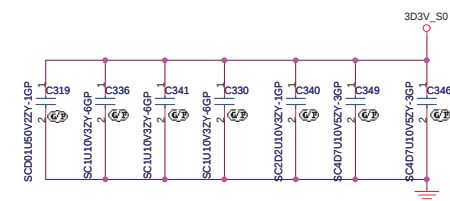
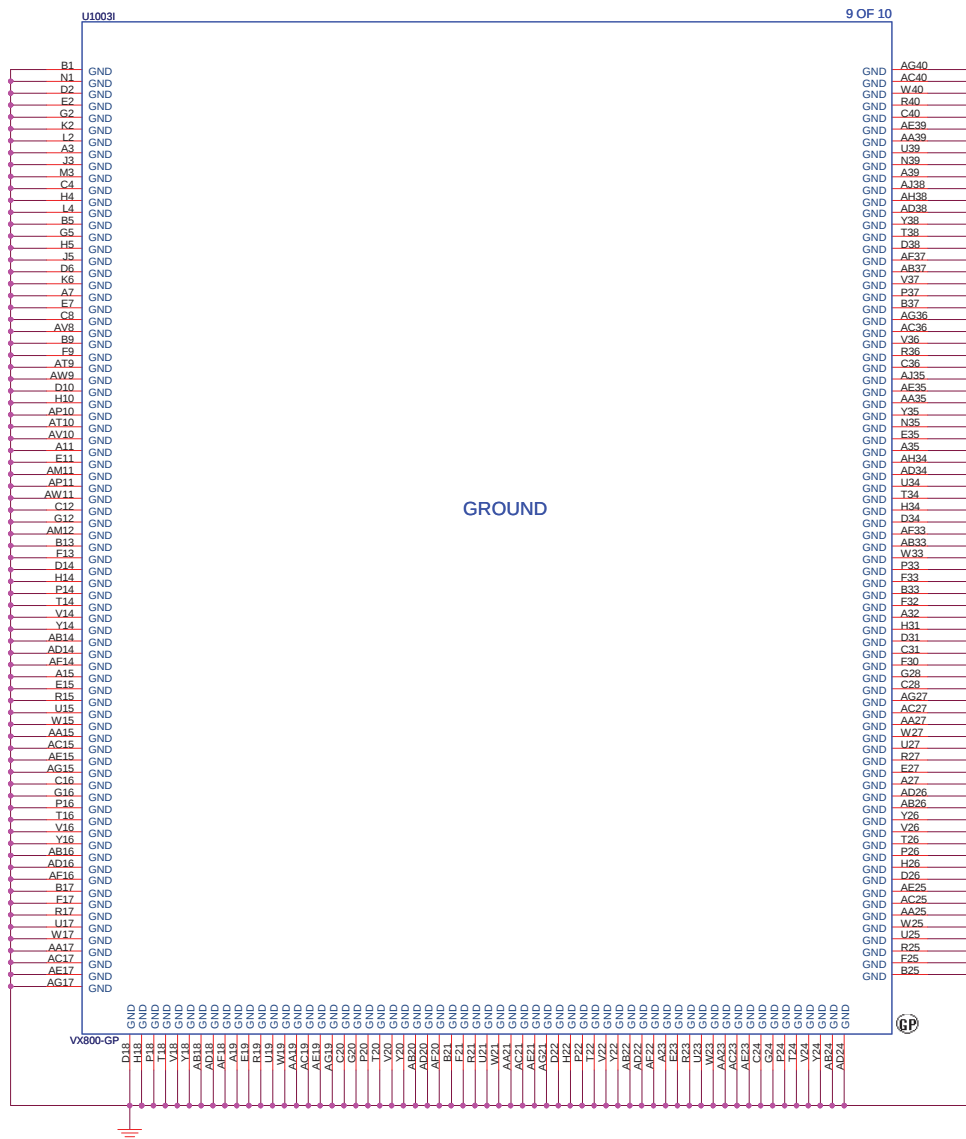
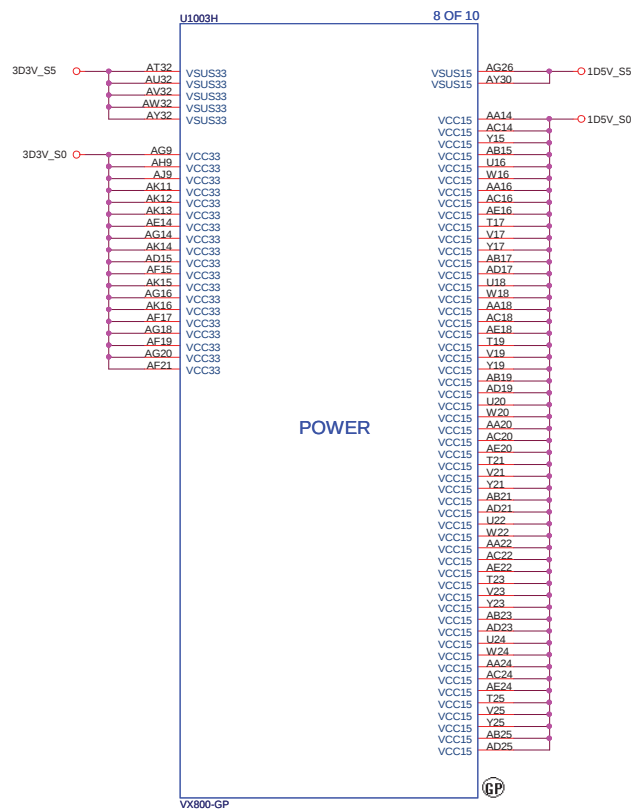
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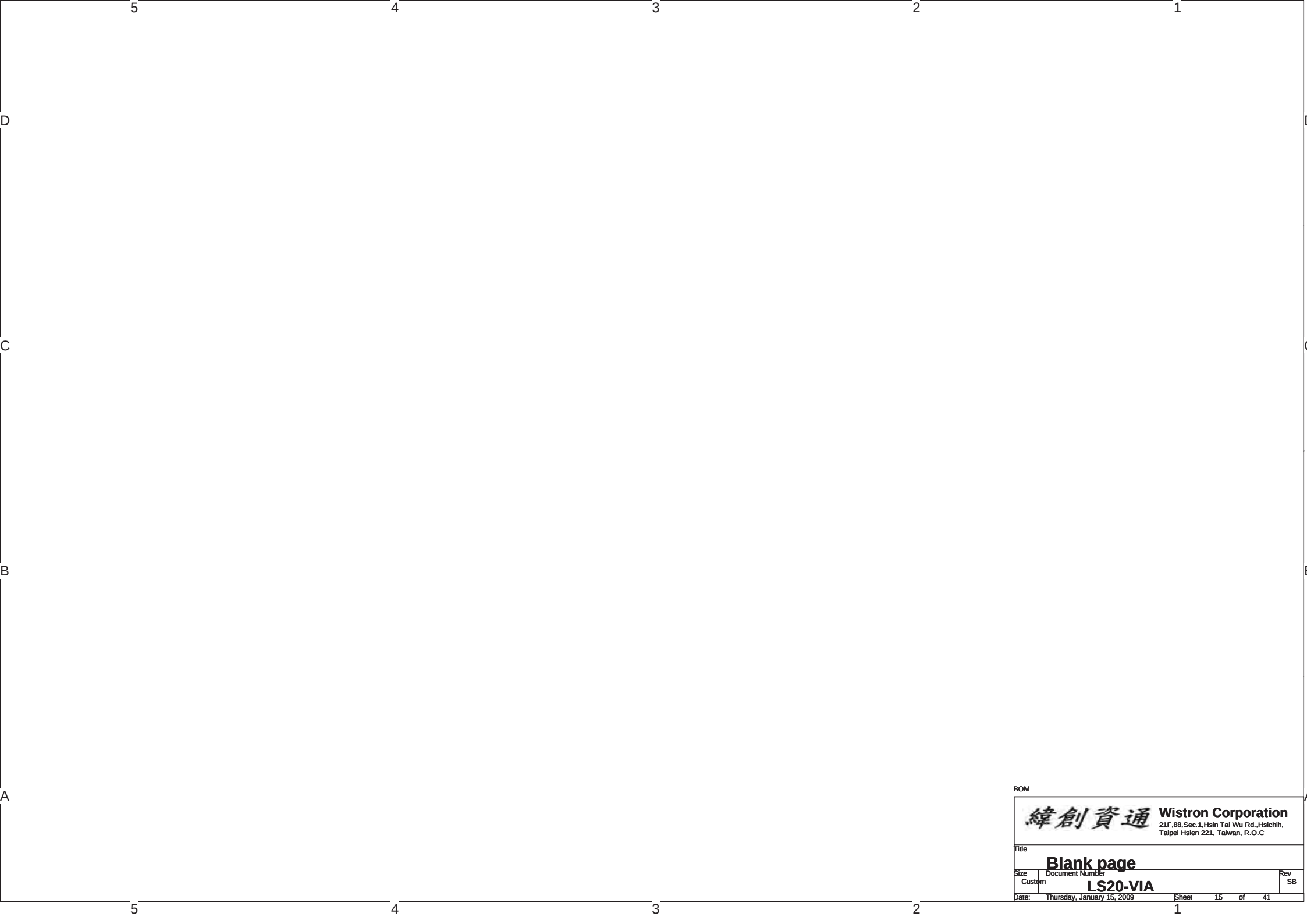


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Size		21F,88,Sec.1,Hsin Tai Wu Rd.,Hsichih, Taipei Hsien 221, Taiwan, R.O.C	
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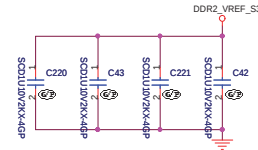
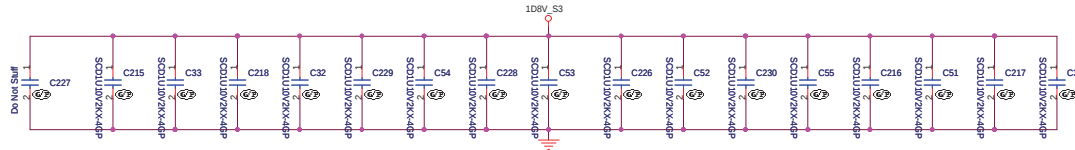
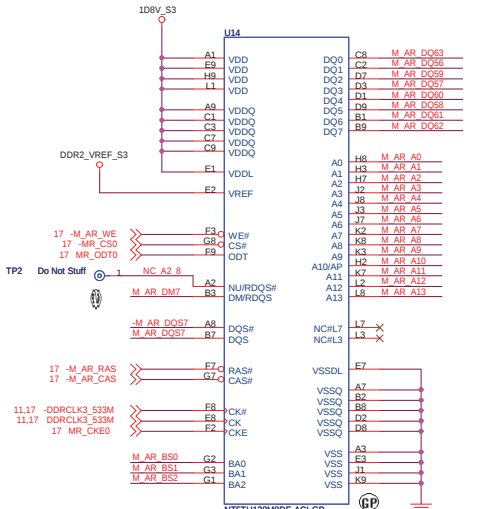
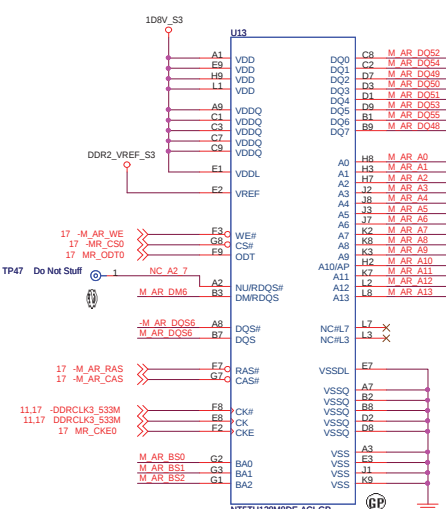
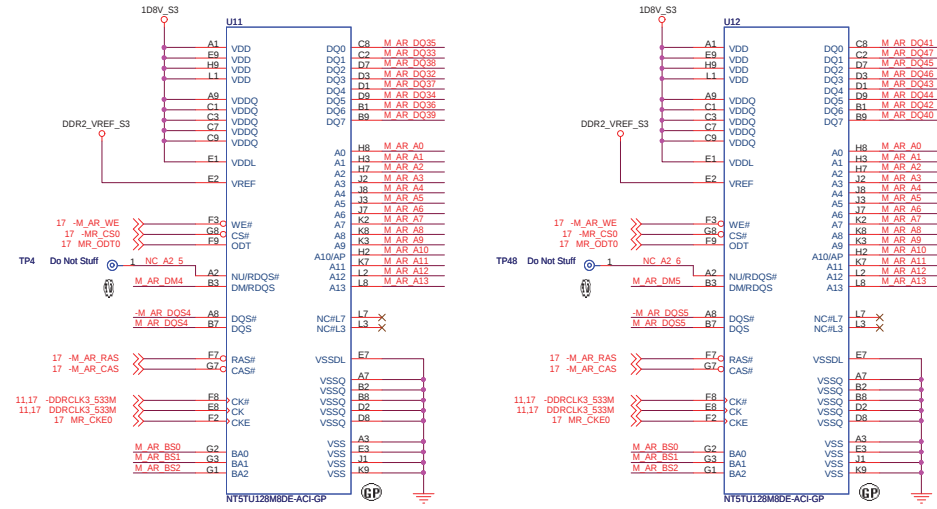
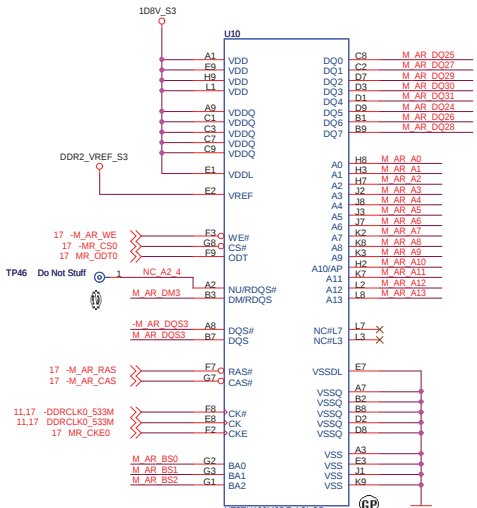
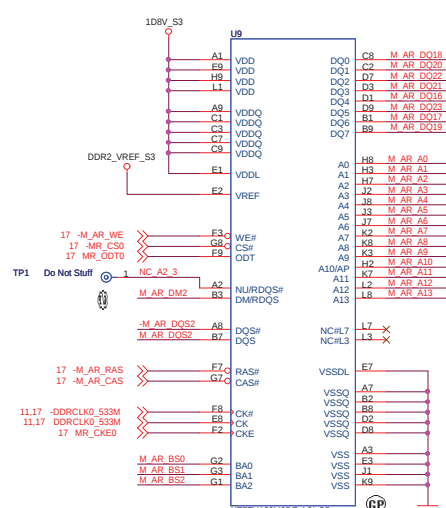
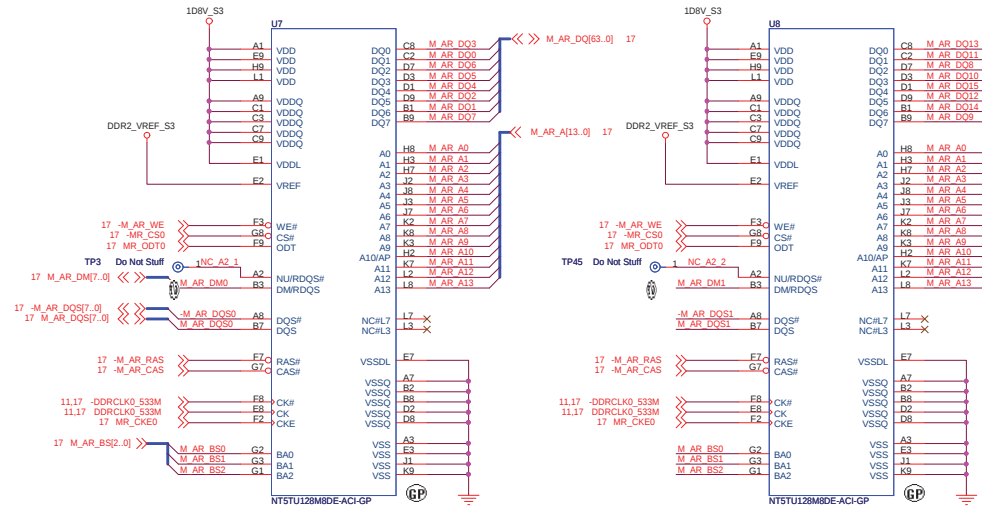




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On-board DDR2 Memory



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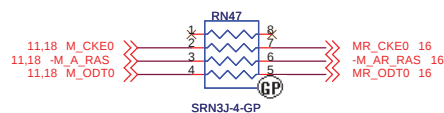
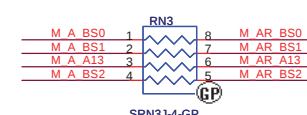
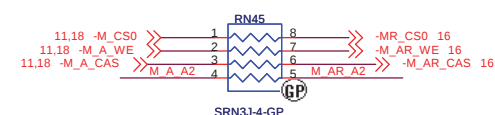
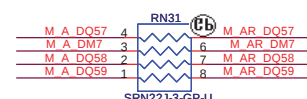
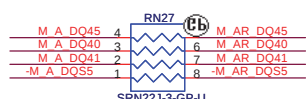
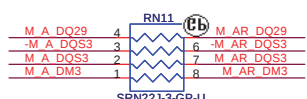
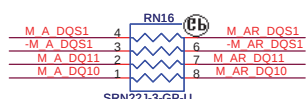
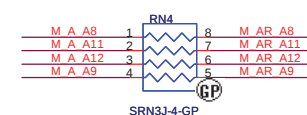
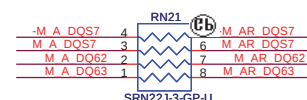
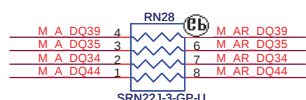
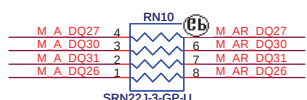
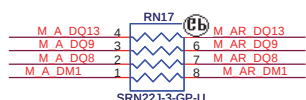
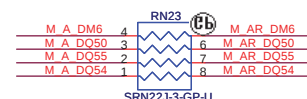
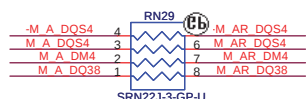
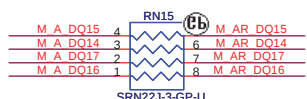
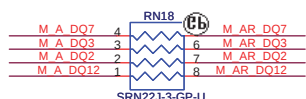
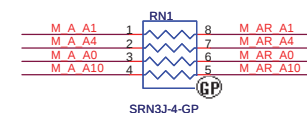
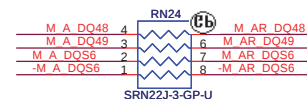
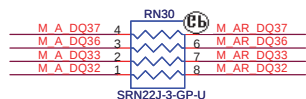
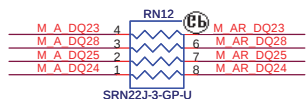
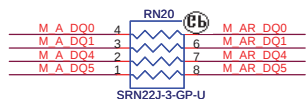
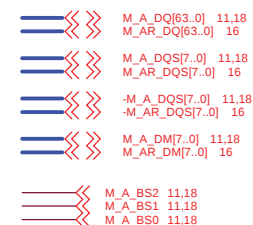
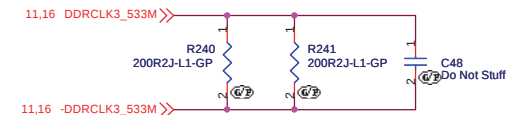
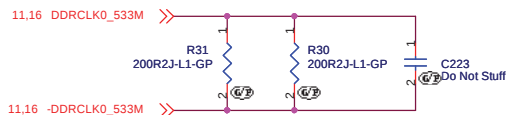
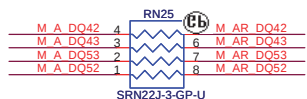
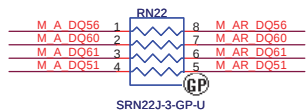
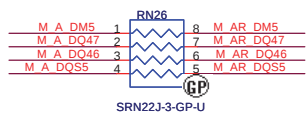
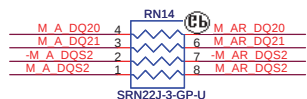
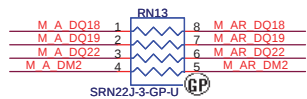
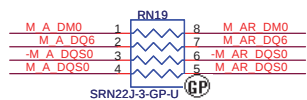
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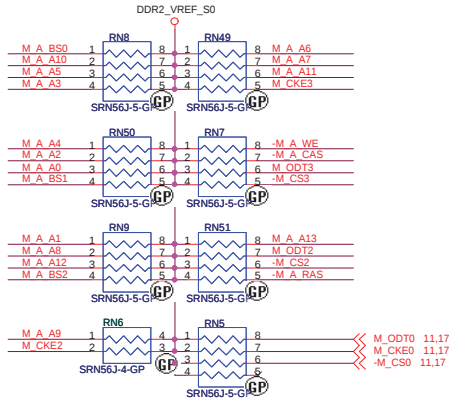
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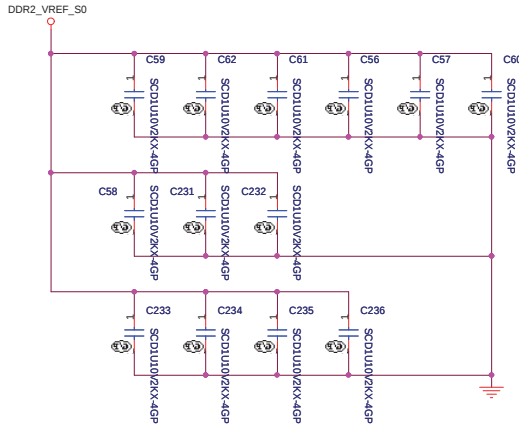
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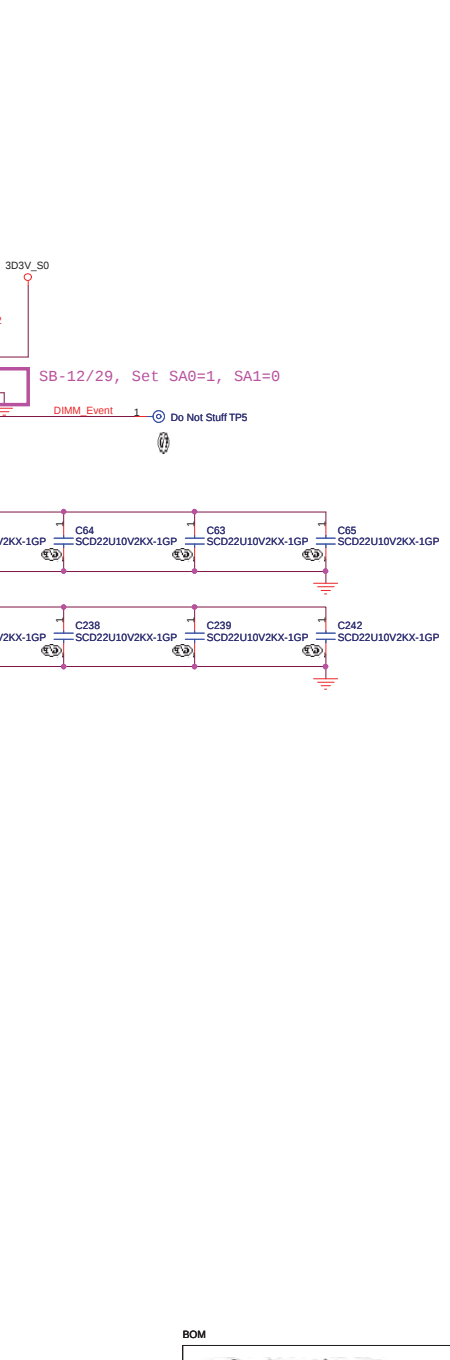
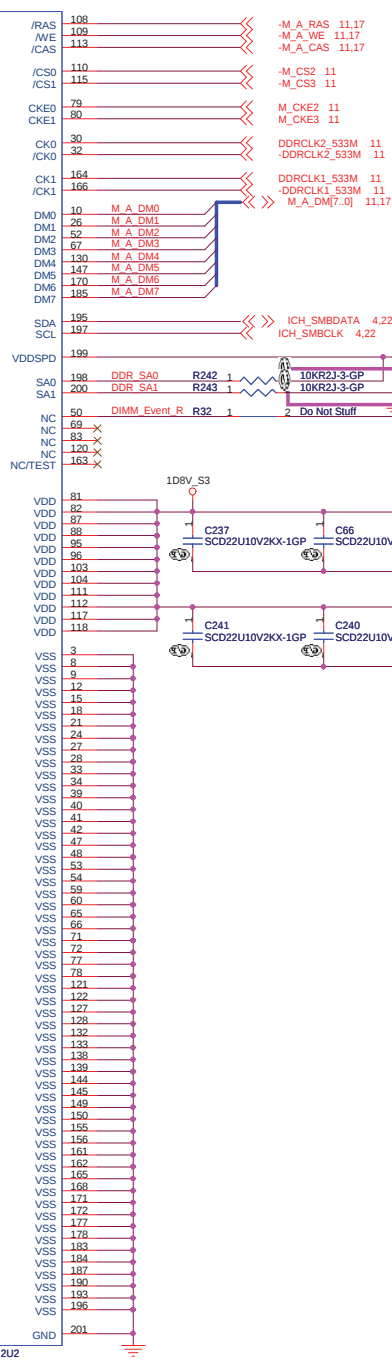
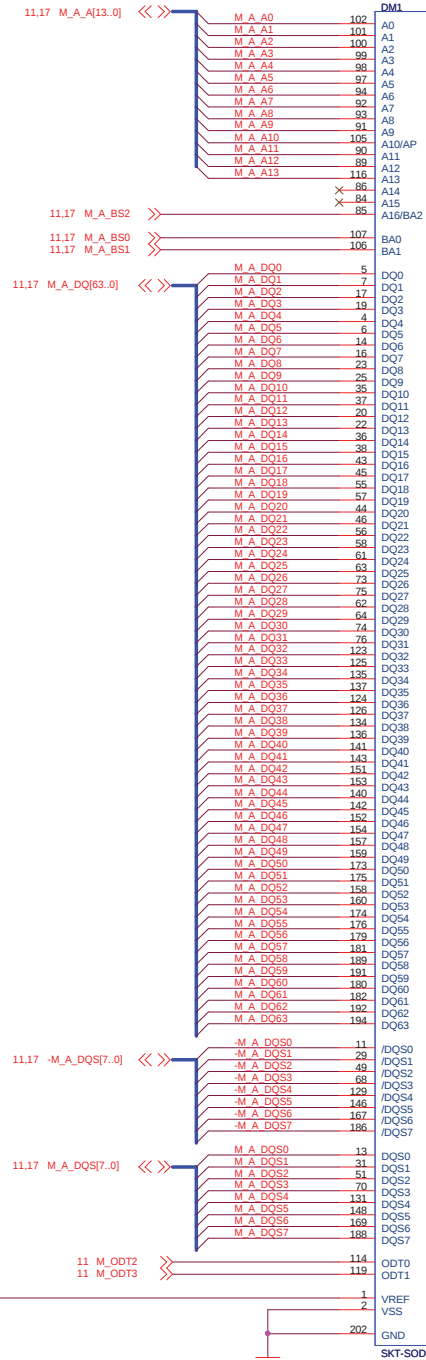
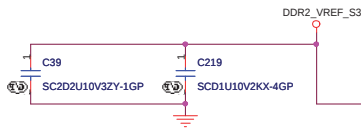
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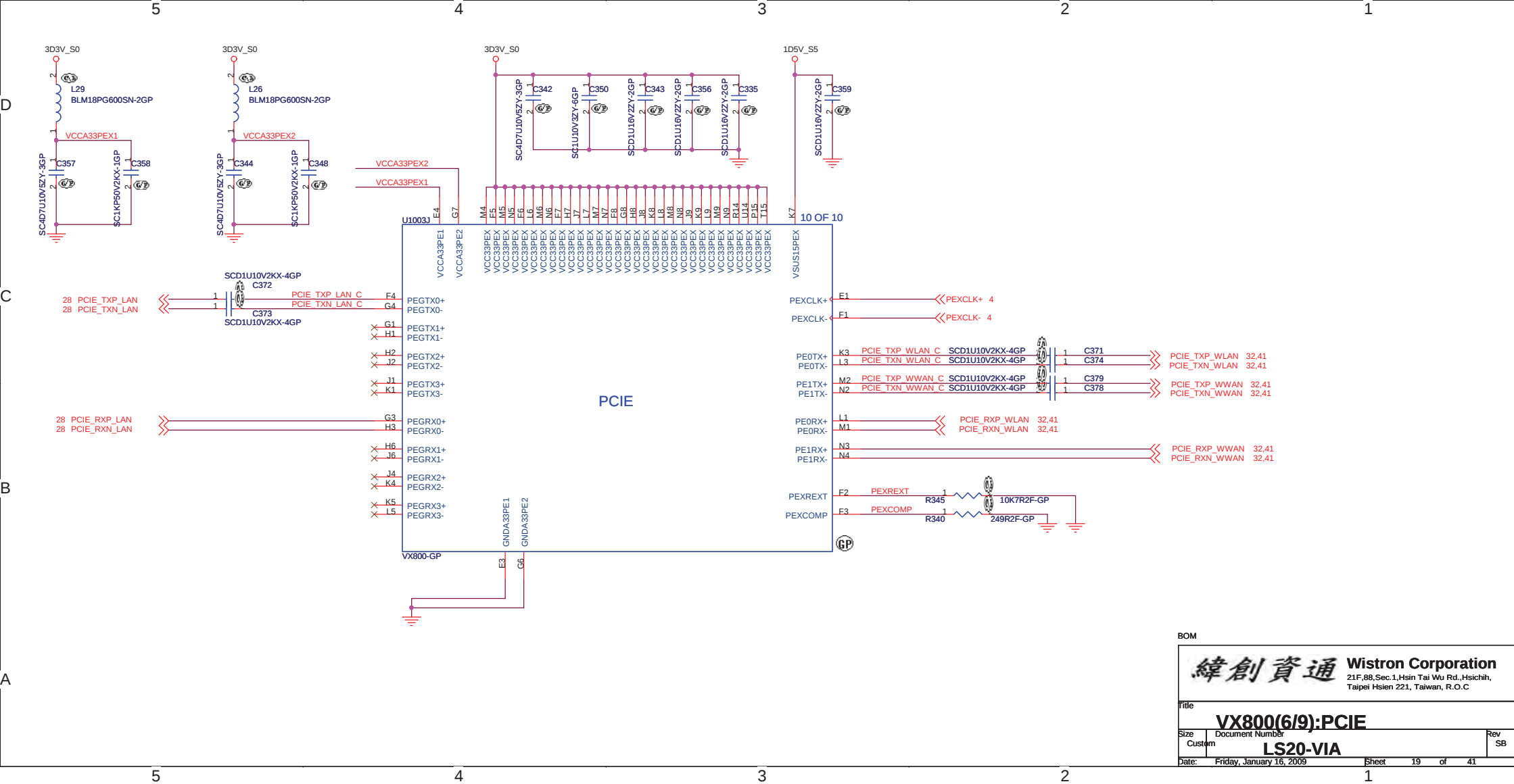


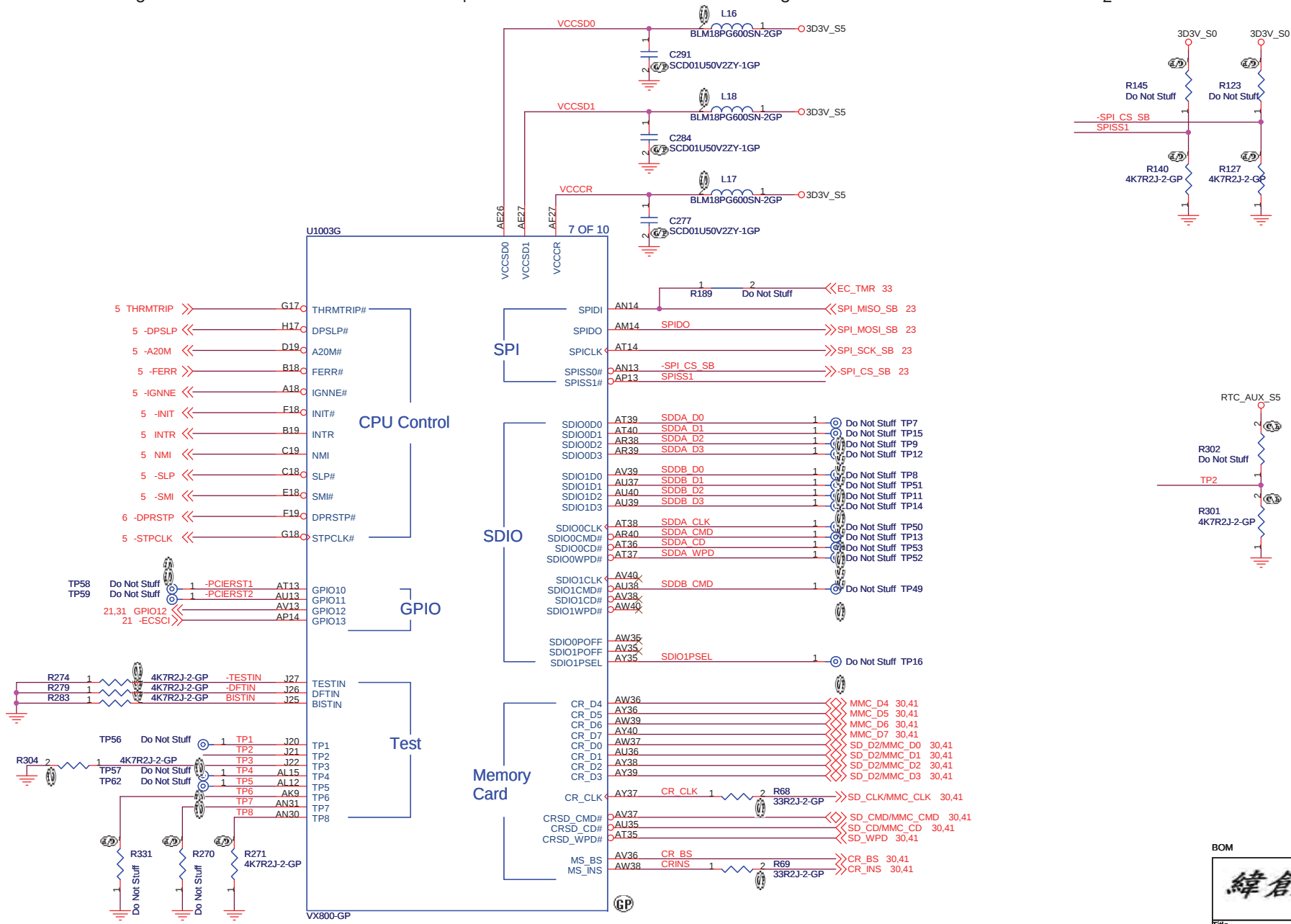
PLACE 1 CAP FOR EVERY 2 BITS TERMINATION TO VCC0R9B.



DDR SLOT2 RELATED CAPS ARE REMOVED!



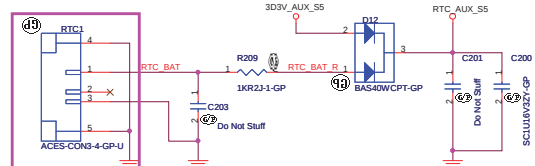




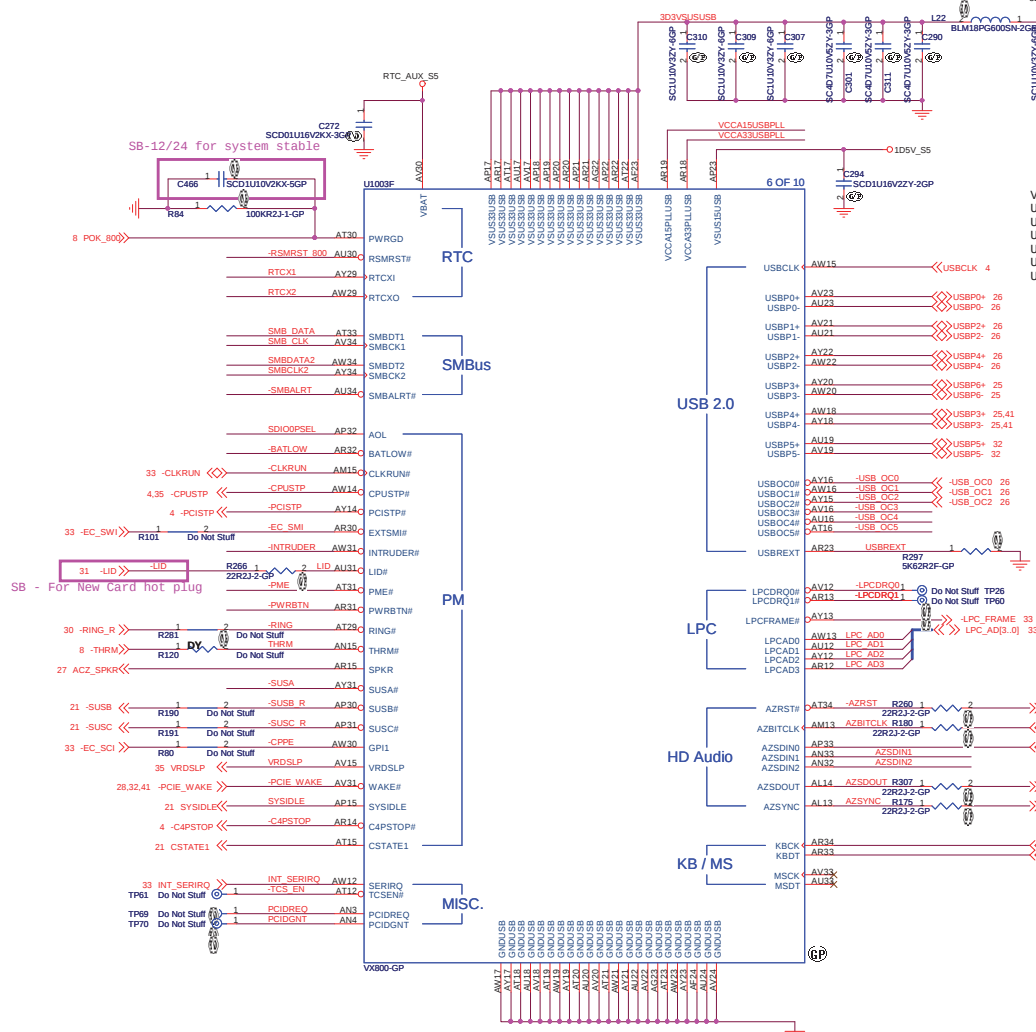
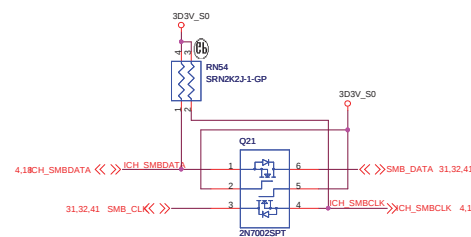
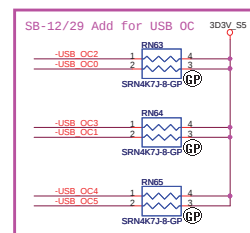
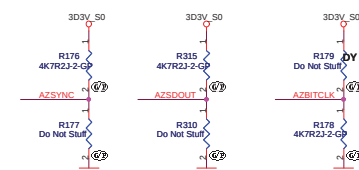
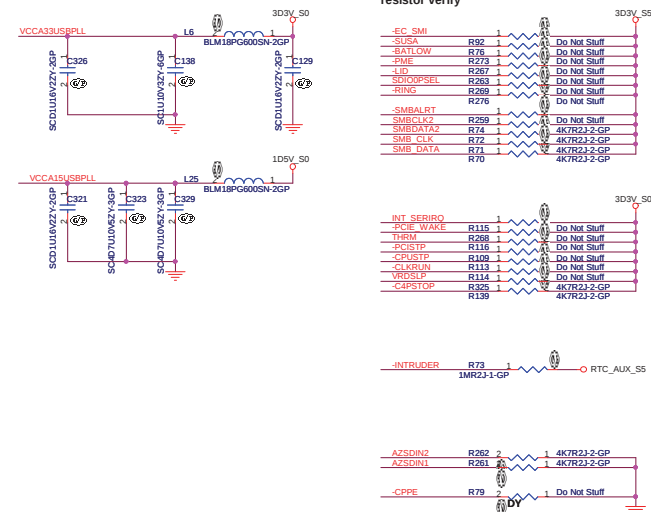
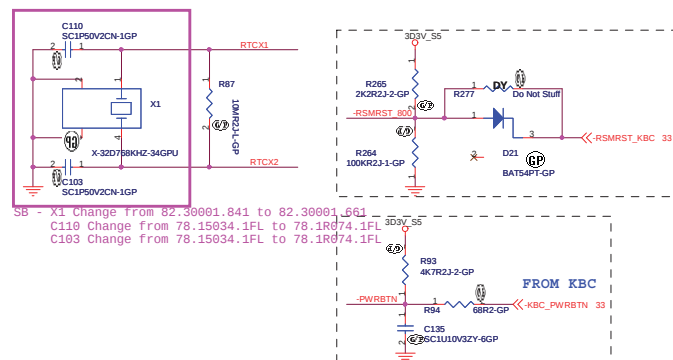
BOM

緯創資通 Wistron Corporation 21F,88,Sec.1,Hsin Tai Wu Rd.,Hsichih, Taipei Hsien 221, Taiwan, R.O.C		
File VX800(7/9):SPI/SDIO/CR		
Size Custom	Document Number LS20-VIA	Rev SB
Date: Friday, January 16, 2009	Sheet 20 of 41	1



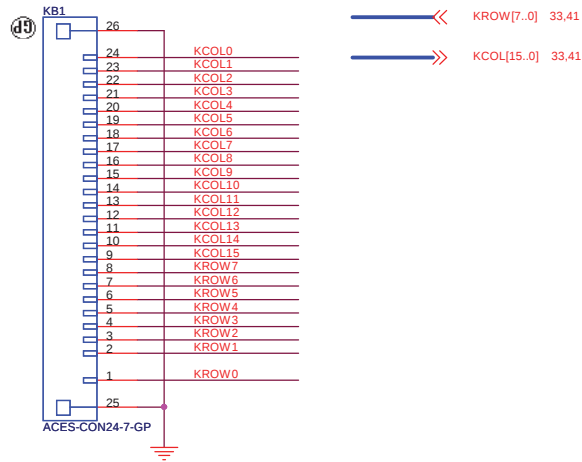


SB -1/13 Change from
20.F0893.002 to
20.F1267.003

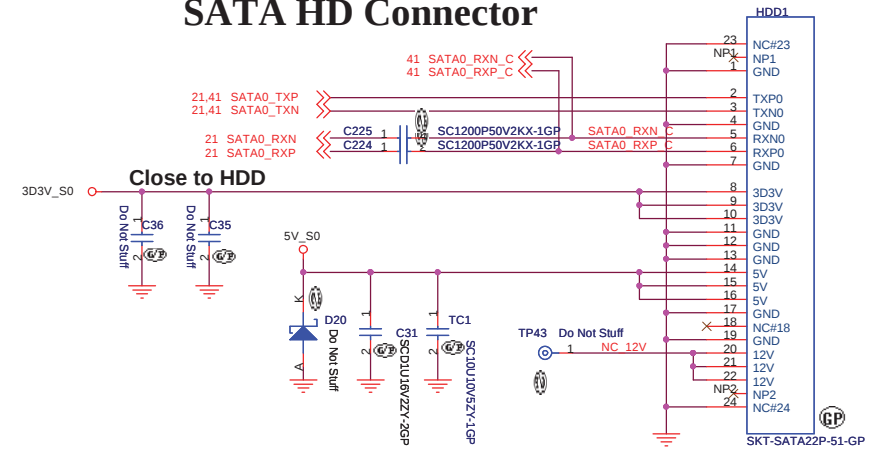


```
VX800 USB
USB0 --> External USB1
USB1 --> External USB2
USB2 --> External USB3
USB3 --> Camera
USB4 --> Bluetooth
USB5 --> Mini-PCIE (WWAN) /New Card
```

Internal KeyBoard Connector

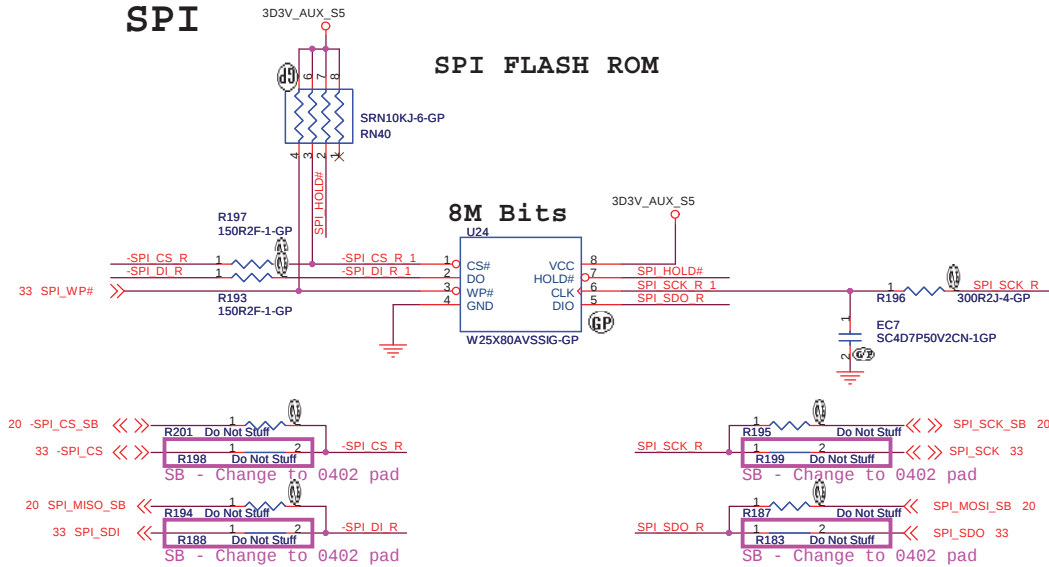


SATA HD Connector

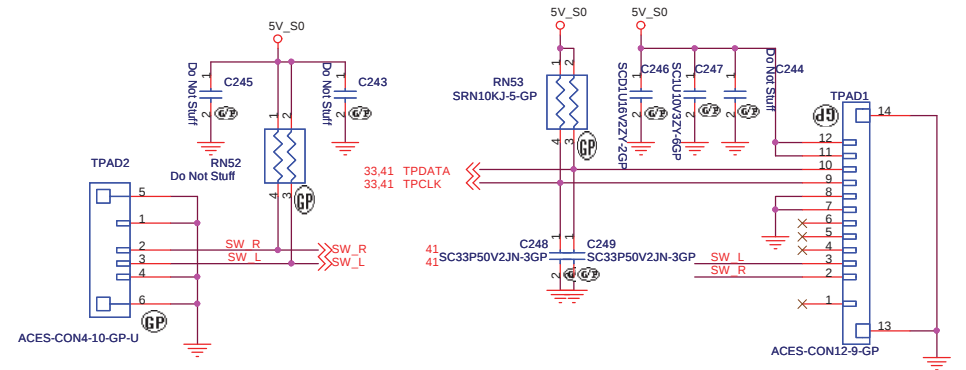


SPI

SPI FLASH ROM



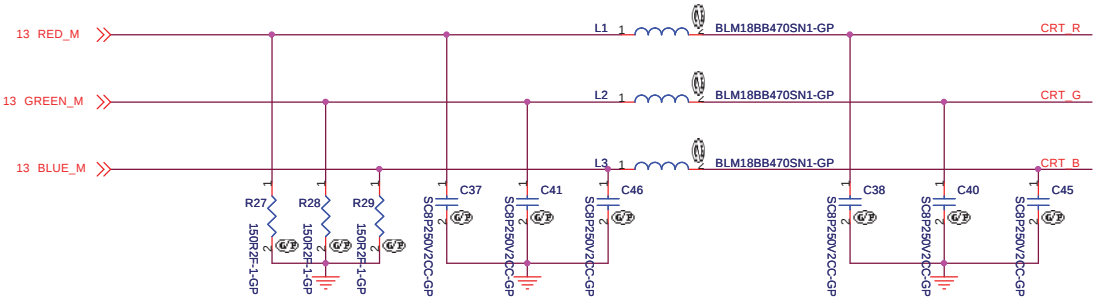
TouchPad Connector



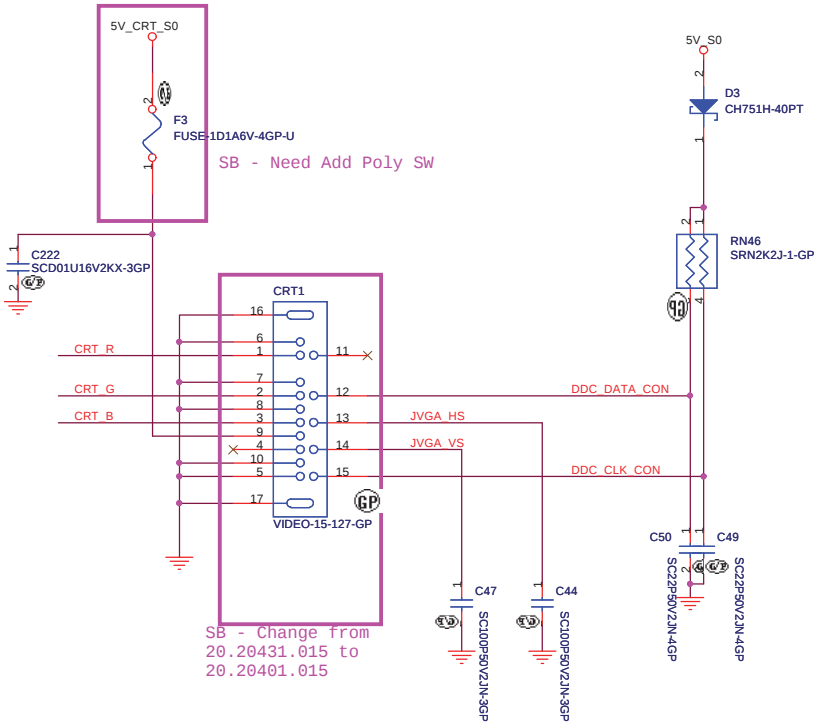
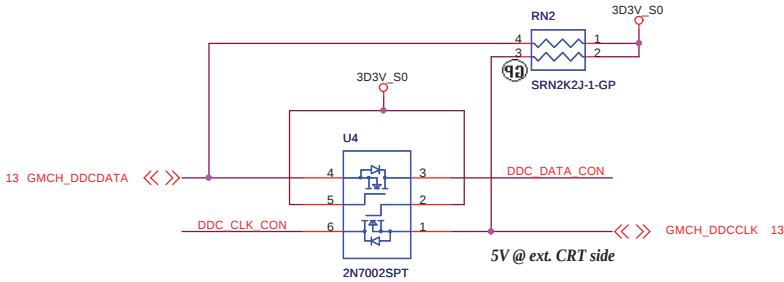
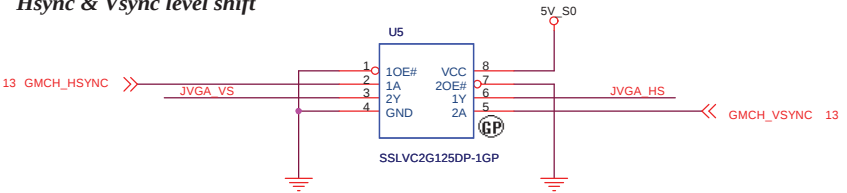
BOM

緯創資通 Wistron Corporation			
21F,88,Sec.1,Hsin Tai Wu Rd.,Hsichih, Taipei Hsien 221, Taiwan, R.O.C.			
Title	HDD/KeyBoard/FWH/TouchPad		
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CRT I/F & CONNECTOR



Hsync & Vsync level shift

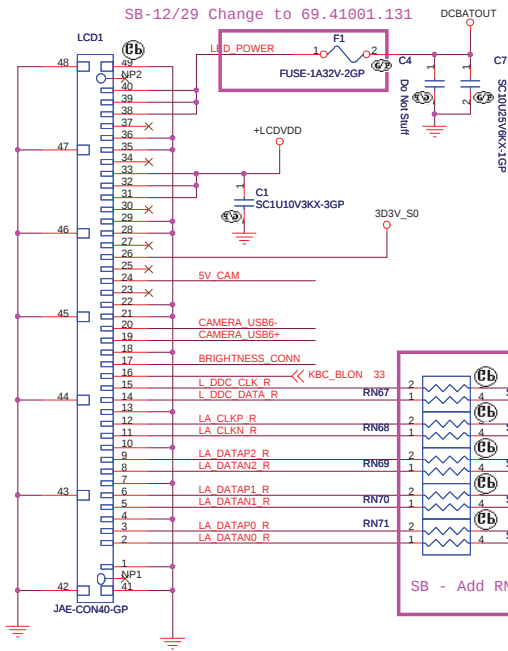


To test pad

41 CRT_R	41 CRT_G	41 CRT_B
41 JVGA_HS	41 JVGA_VS	
41 DDC_DATA_CON	41 DDC_CLK_CON	

BOM

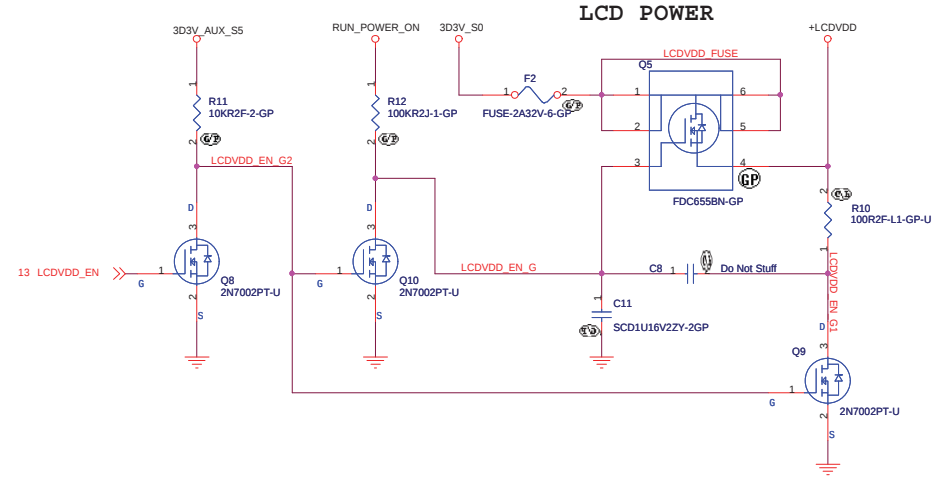
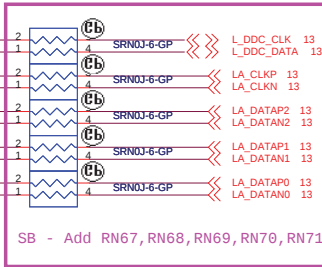
緯創資通 Wistron Corporation		
21F,88,Sec.1,Hsin Tai Wu Rd.,Hsichih, Taipei Hsien 221, Taiwan, R.O.C		
Title		
CRT CONN		
Size	Document Number	Rev
Custom	LS20-VIA	SB
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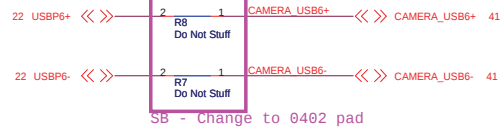
LCD Connector

R6
Do Not Stuff

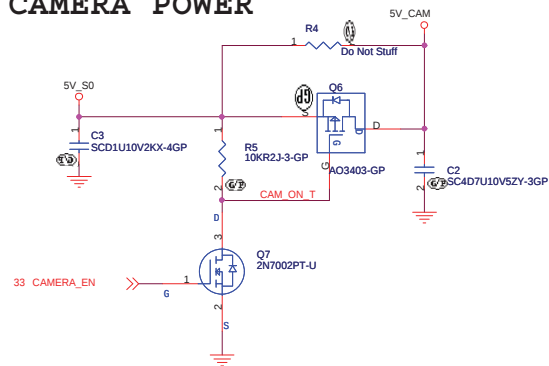
BRIGHTNESS_CONN 1 2 << BRIGHTNESS 33



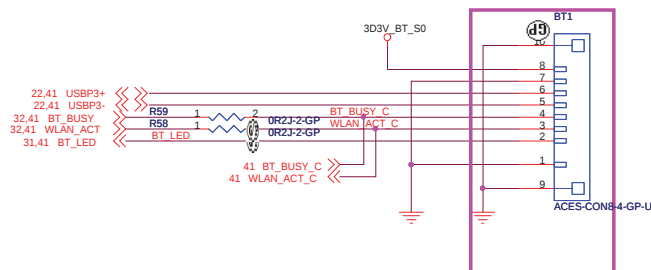
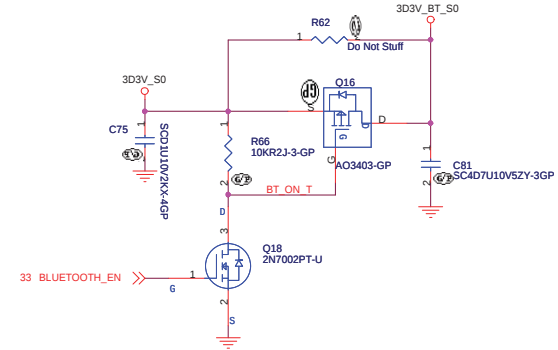
CAMERA



CAMERA POWER



Bluetooth Power

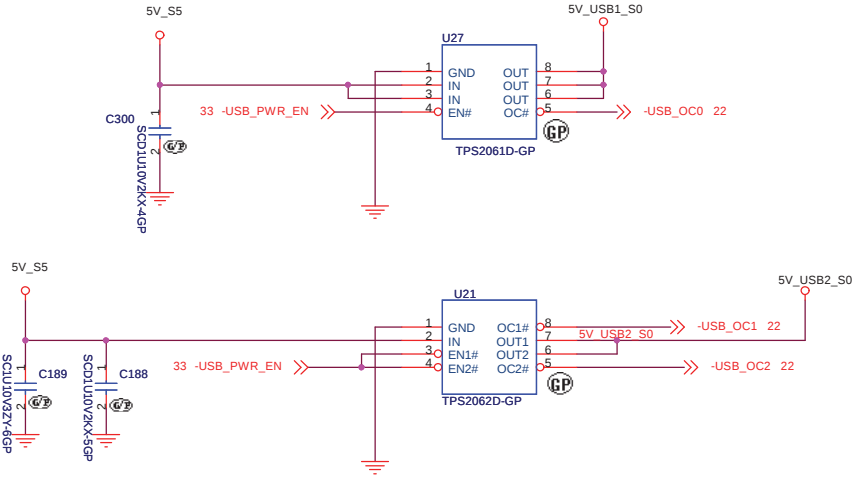
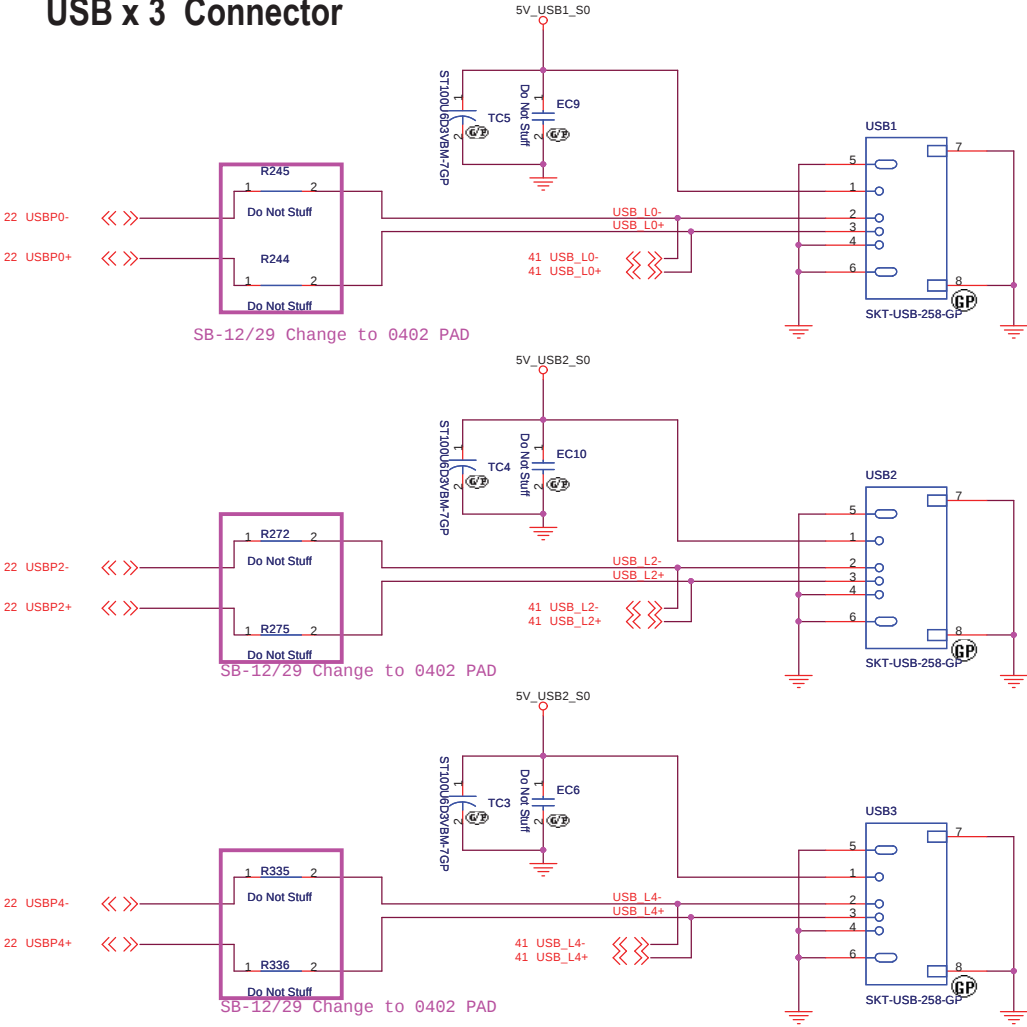


SB - Change from 20.F0779.008 to 20.F0772.008

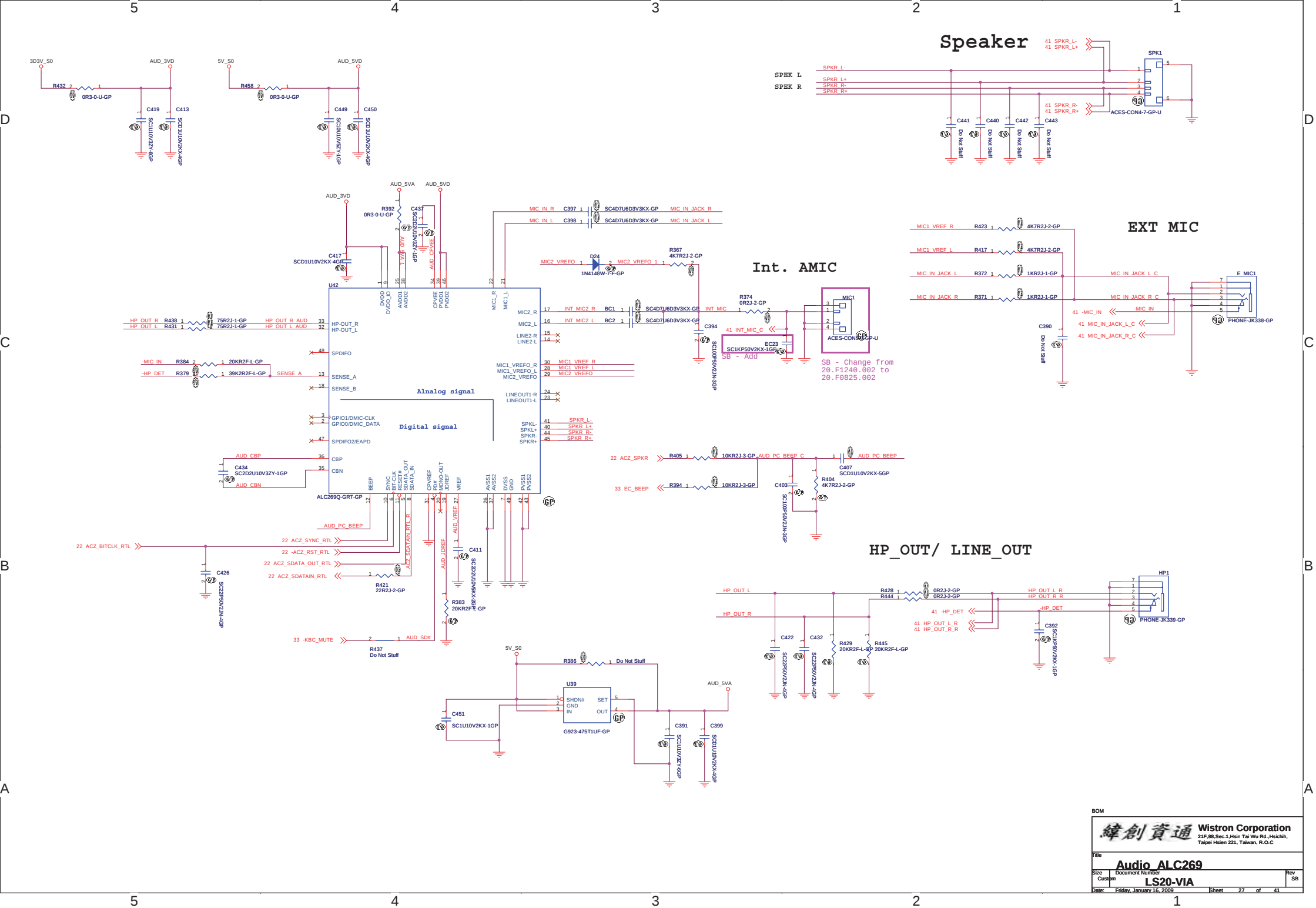
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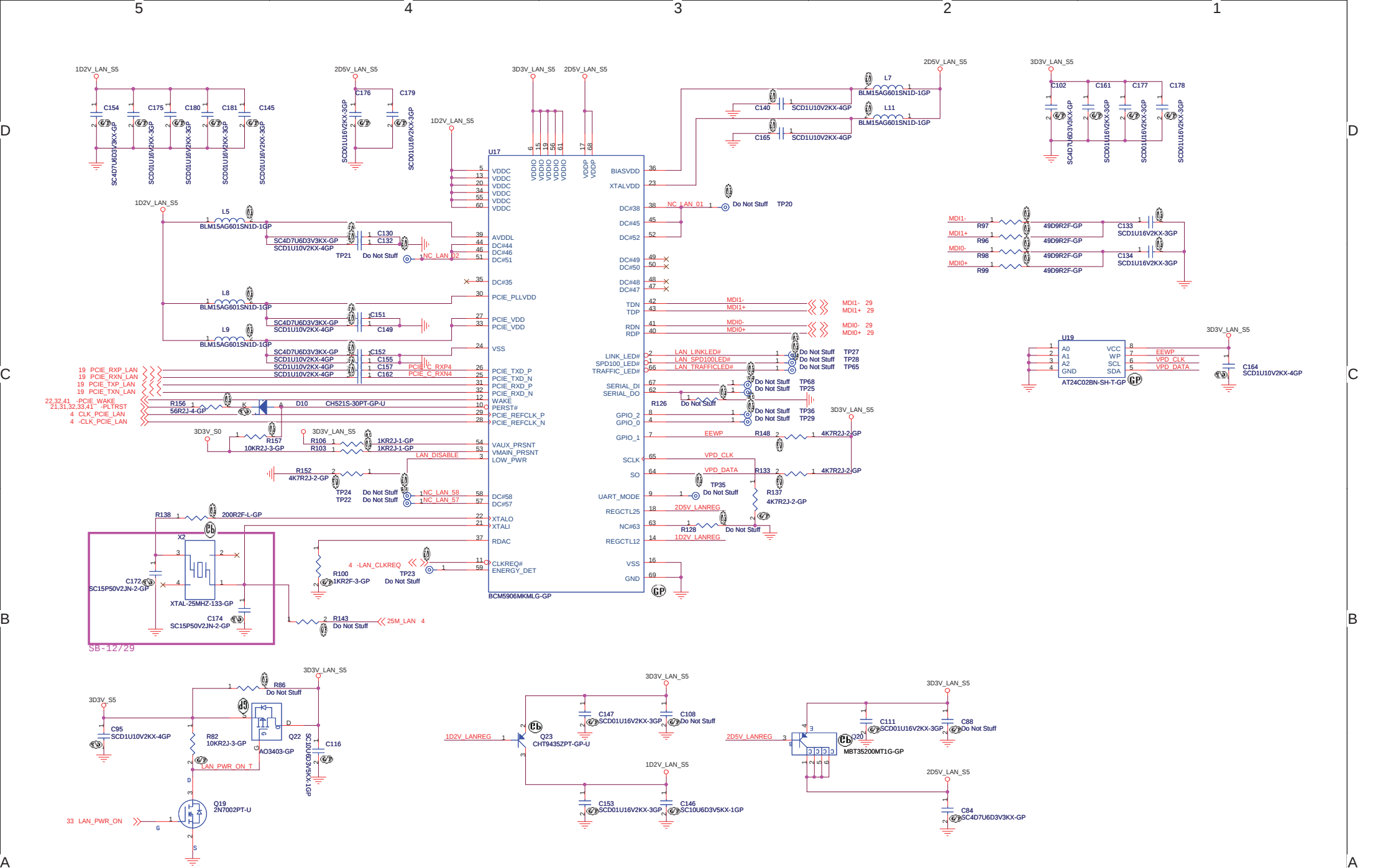
緯創資通 Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C	
Title	LCD Conn/Camera/BT
Size	Custom
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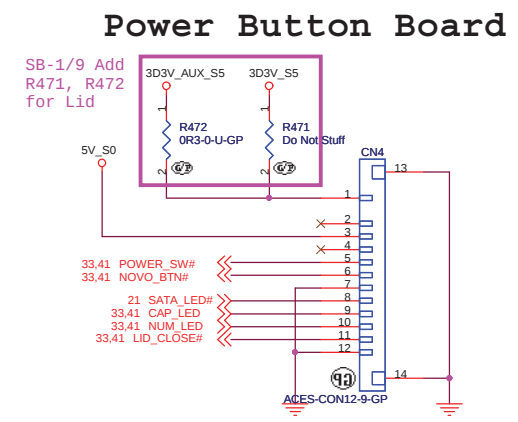
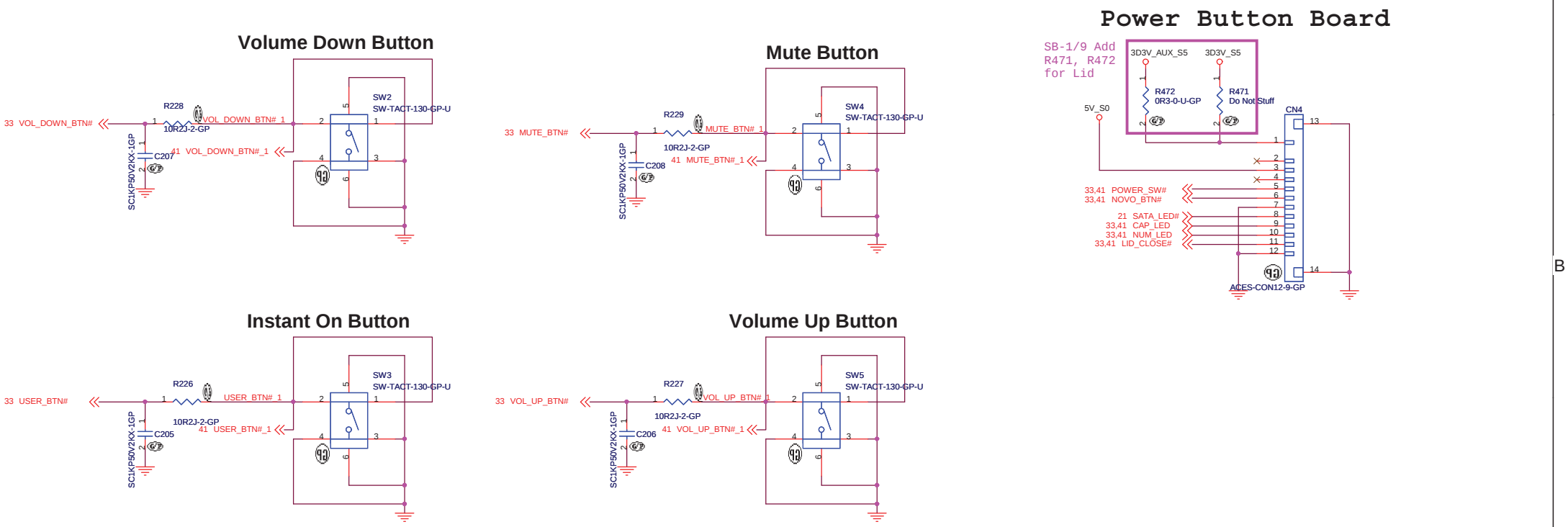
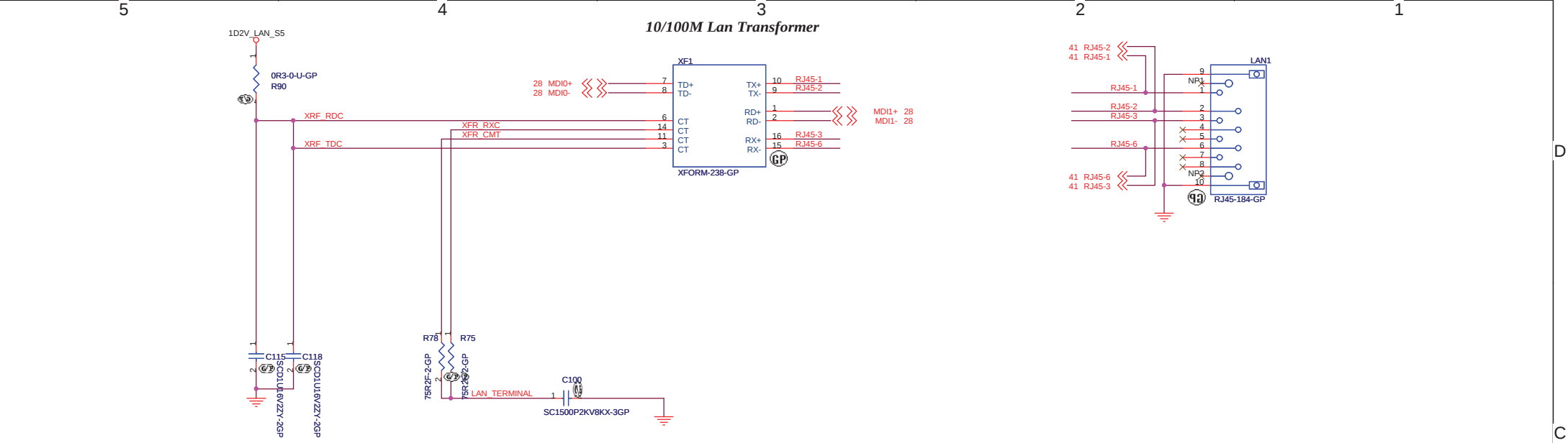
USB x 3 Connector

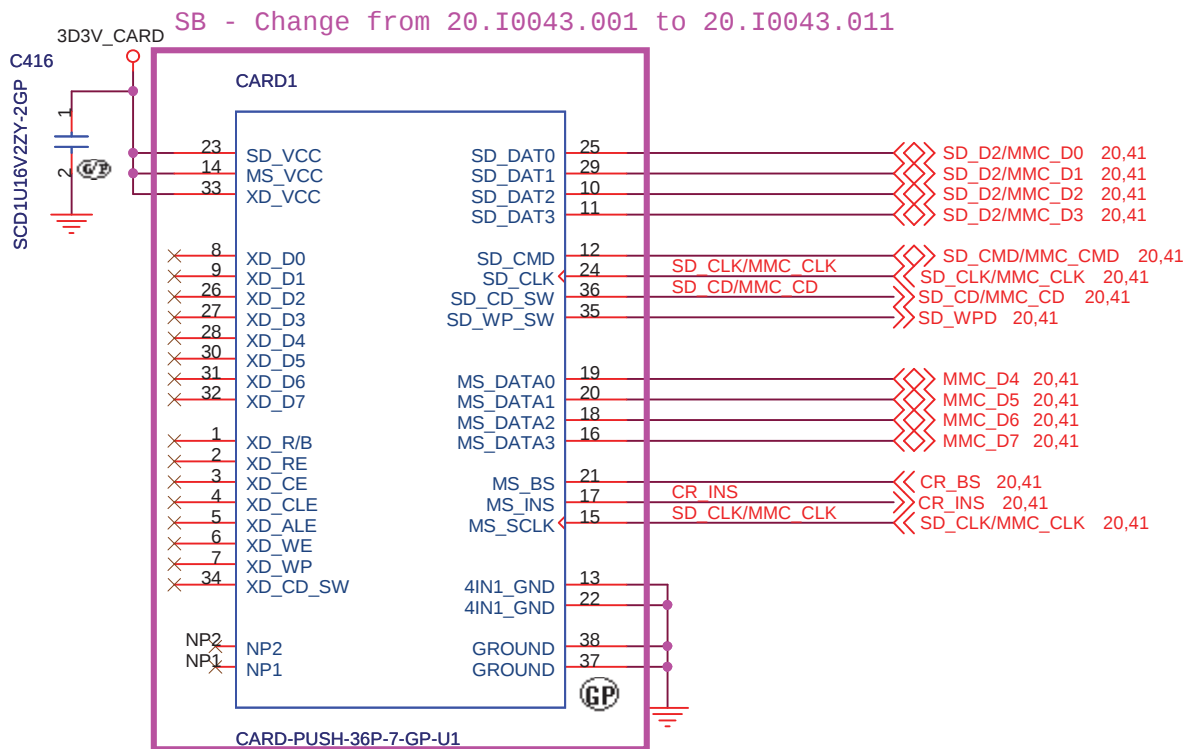
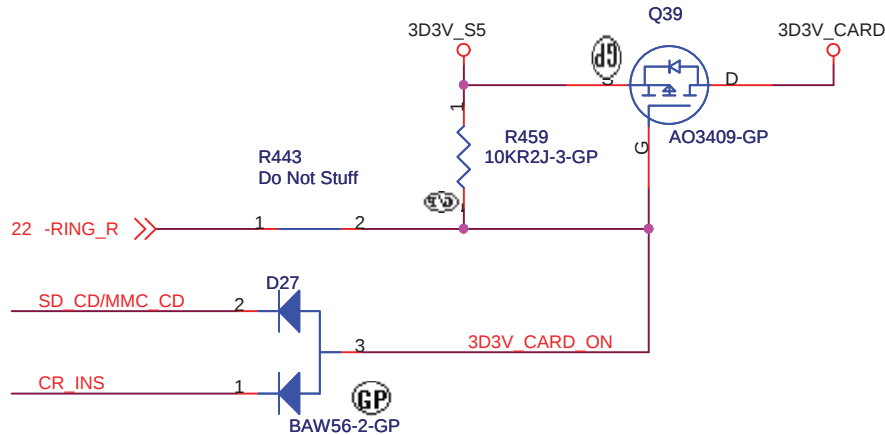


BOM			
緯創資通 Wistron Corporation			
21F,88,Sec.1,Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.			
Title			
USB connector			
Size	Document Number		Rev
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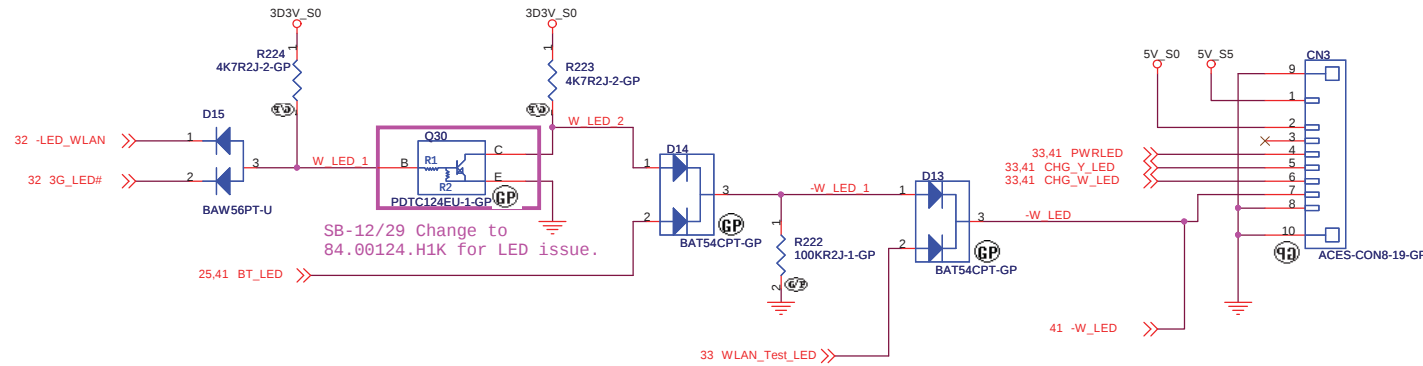




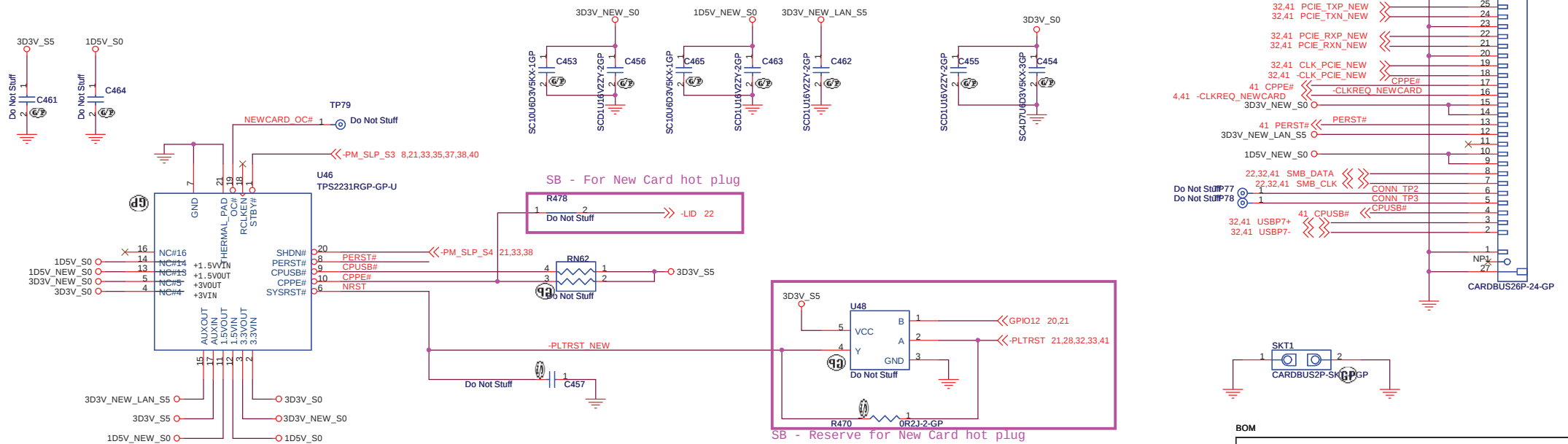
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緯創資通 Wistron Corporation 21F,88,Sec.1,Hsin Tai Wu Rd.,Hsichih, Taipei Hsien 221, Taiwan, R.O.C		
Title Card Reader CN		
Size Custom	Document Number LS20-VIA	Rev SB
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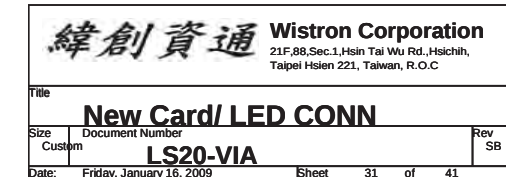
LED Board CONN.

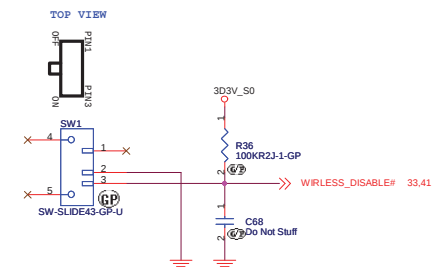
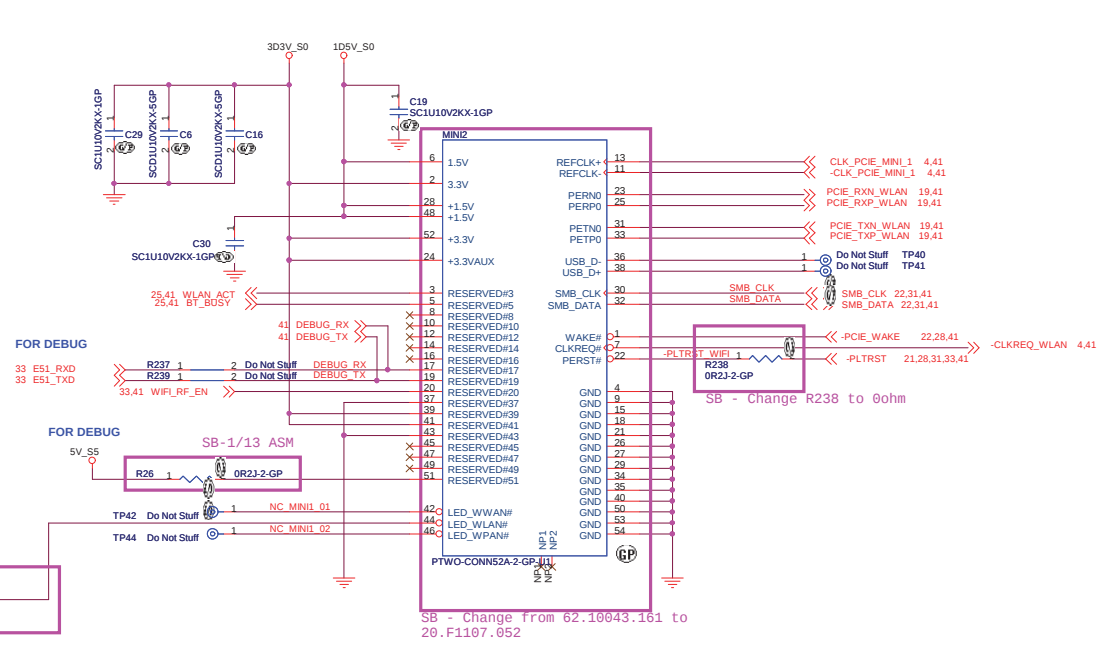
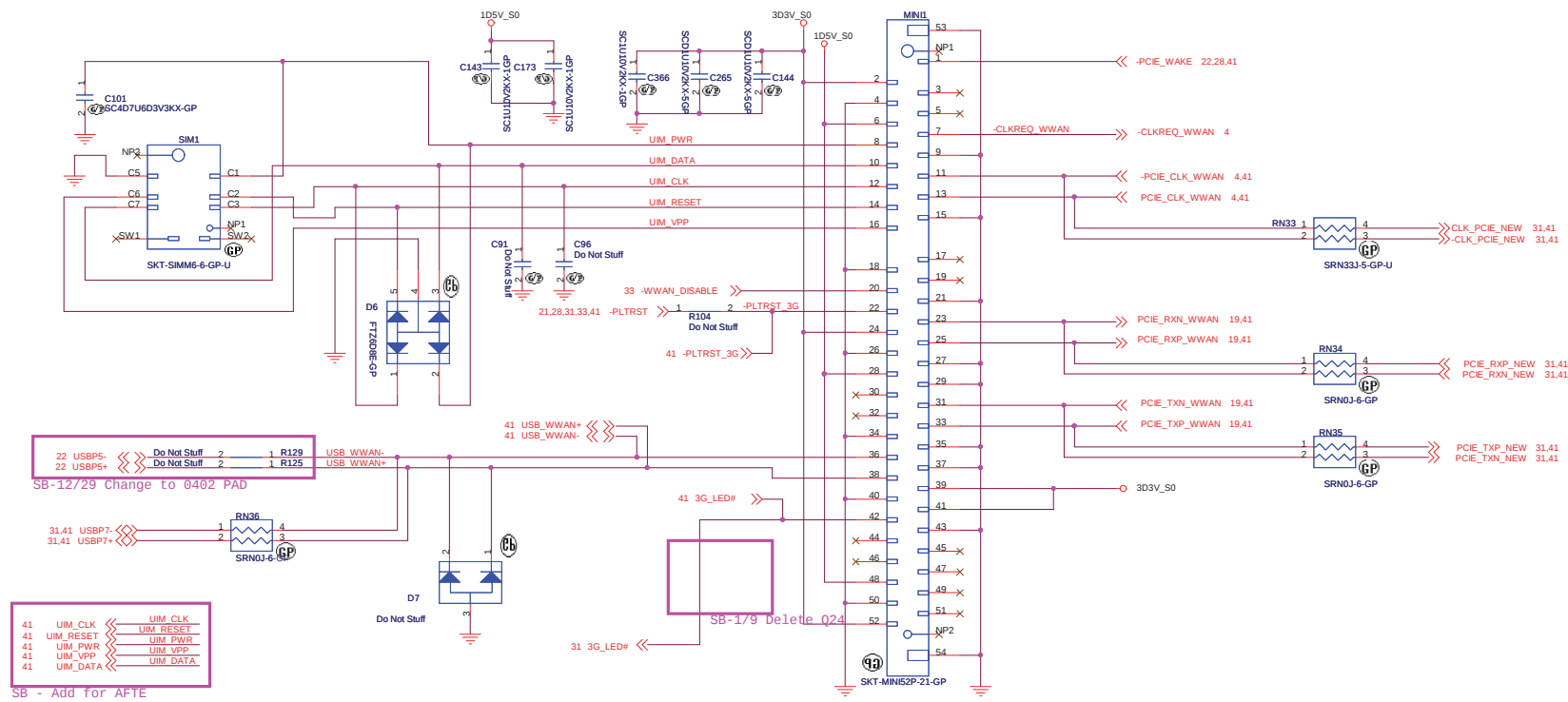


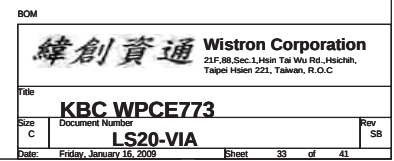
NEWCARD Connector



BOM





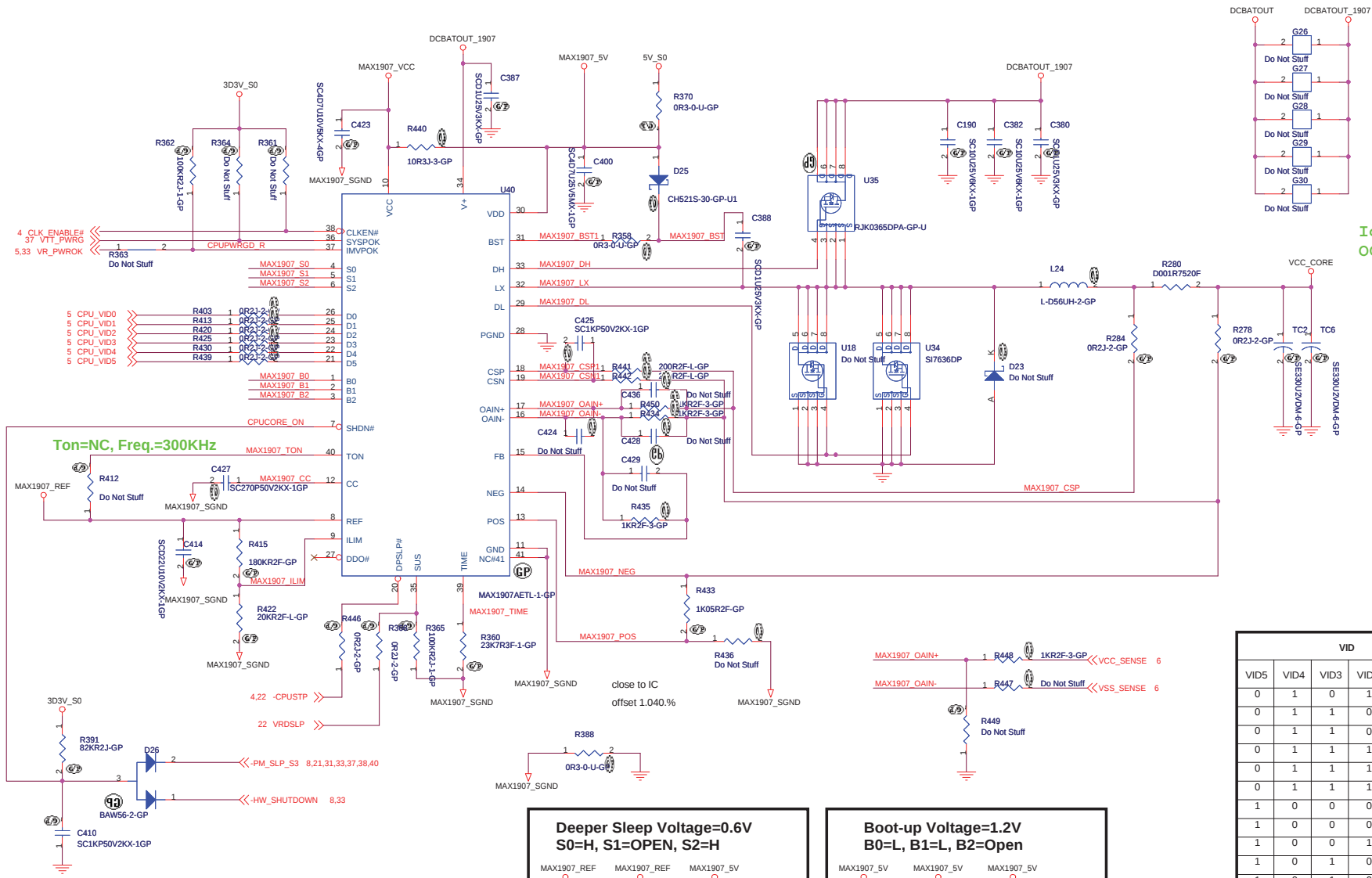


5 4 3 2 1



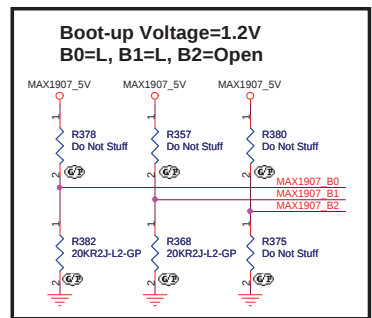
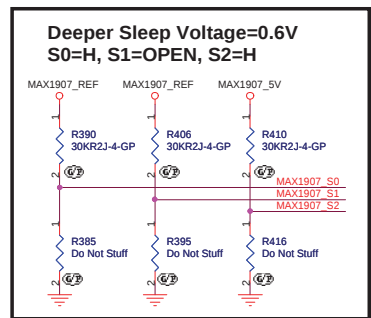
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Taipei Hsien 221, Taiwan, R.O.C

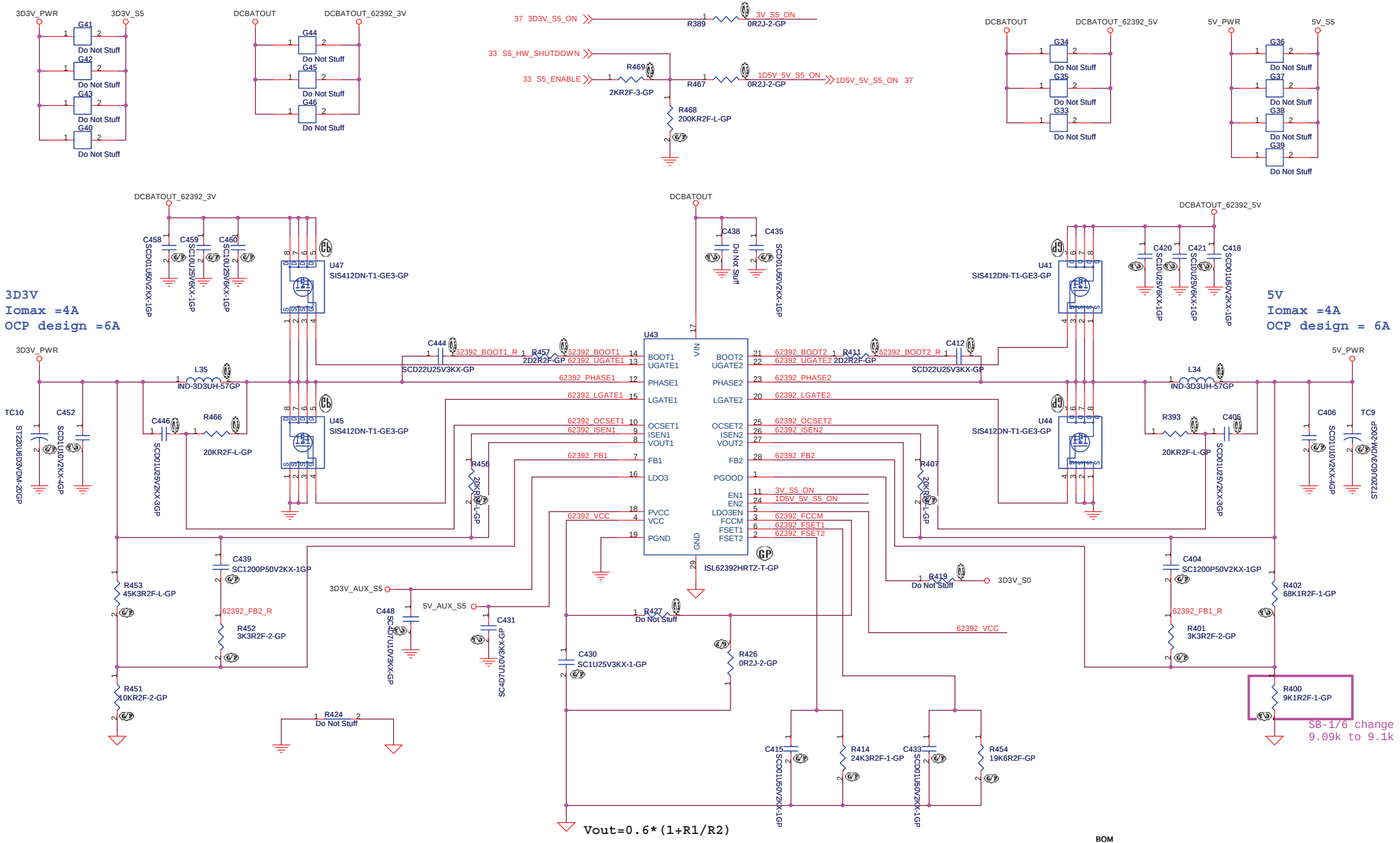
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I_{max}=15.5A
OCP>=20A

VID						Vcore
VID5	VID4	VID3	VID2	VID1	VID0	V
0	1	0	1	1	1	1.340
0	1	1	0	0	0	1.324
0	1	1	0	1	0	1.292
0	1	1	1	0	0	1.260
0	1	1	1	1	0	1.244
0	1	1	1	1	1	1.212
1	0	0	0	0	1	1.180
1	0	0	0	1	1	1.148
1	0	0	1	1	0	1.100
1	0	1	0	0	1	1.052
1	0	1	0	1	1	1.020
1	0	1	1	1	0	0.972
1	1	0	0	0	0	0.940



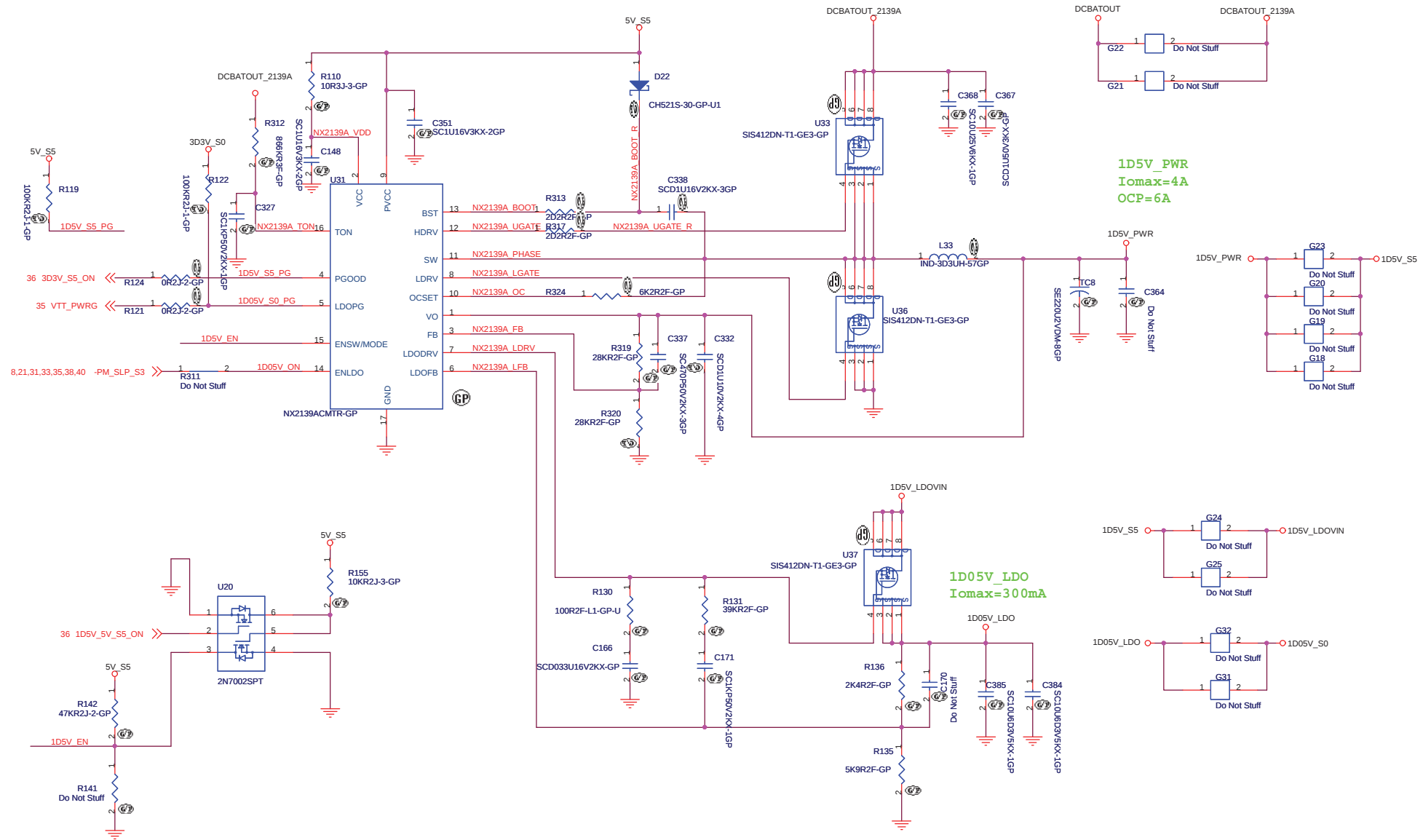


3D3V
I_{max} = 4A
OCP design = 6A

5V
I_{max} = 4A
OCP design = 6A

SB-1/6 change from
9.09k to 9.1k

NEXSEM NX2139A for 1D5V and 1D05V

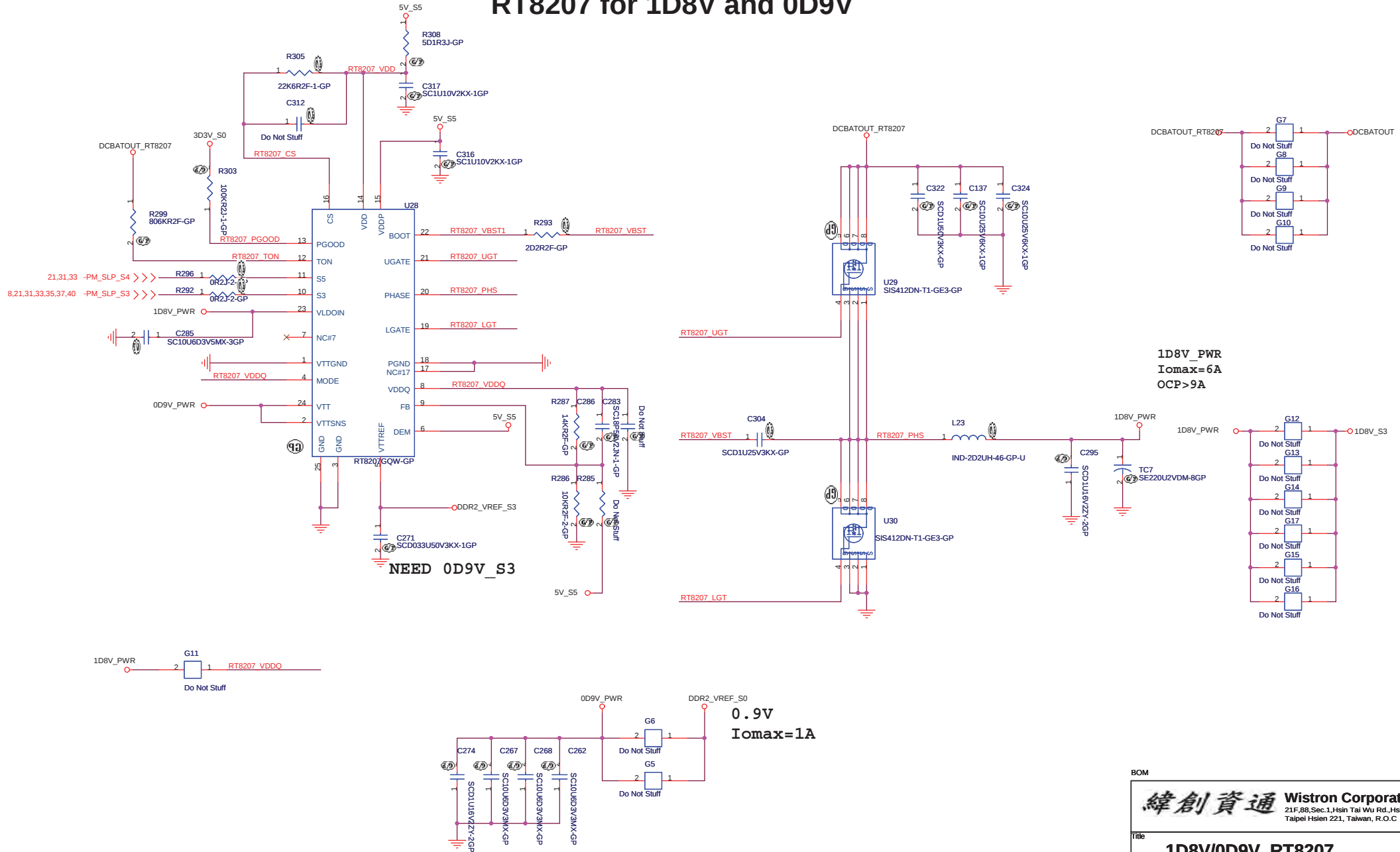


BOM

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Taipei Hsien 221, Taiwan, R.O.C

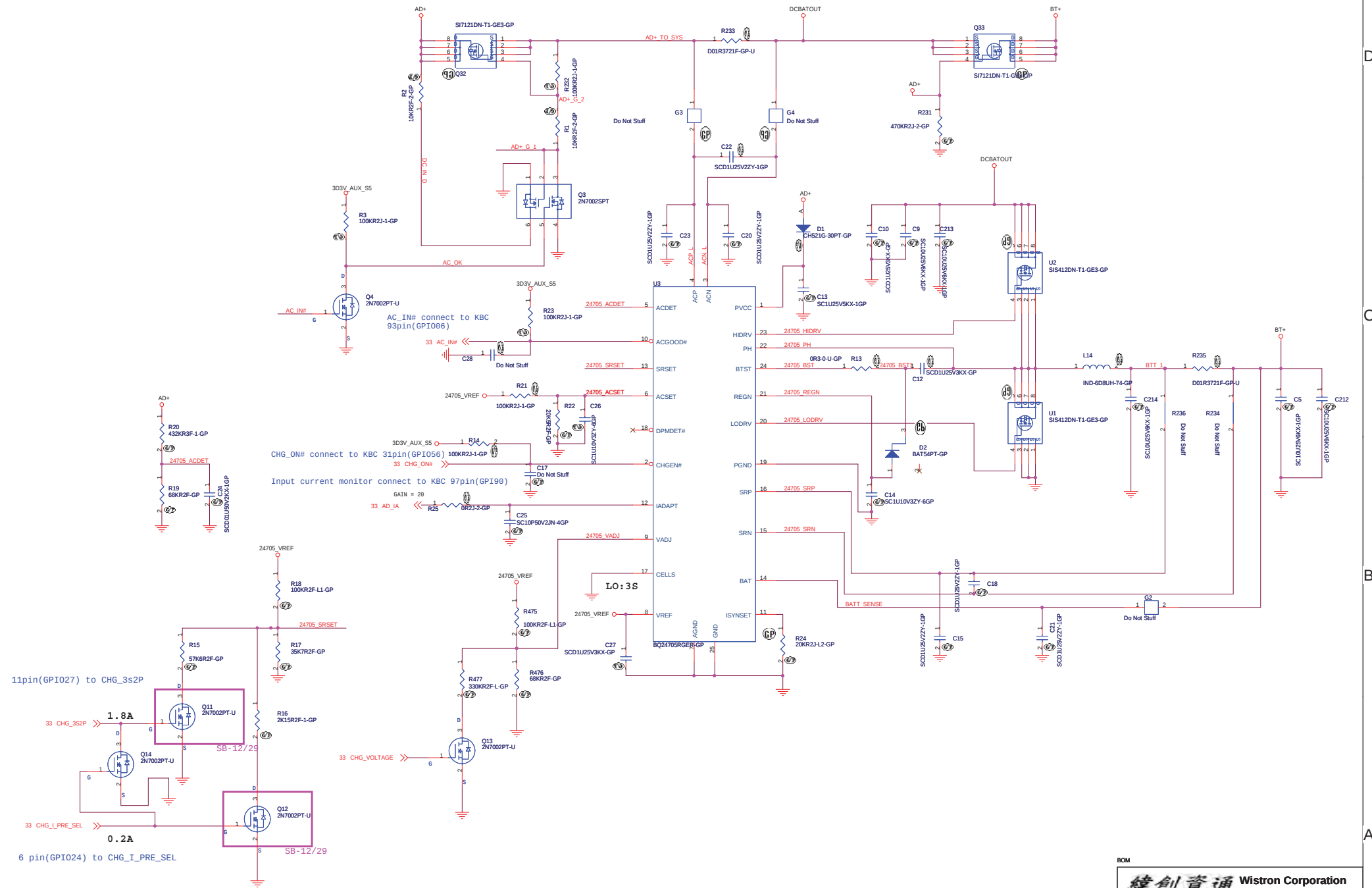
Title			
1D5V/1D05V_NX2139A			
Size	Document Number	Rev	
Custom	LS20-VIA	SB	
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RT8207 for 1D8V and 0D9V

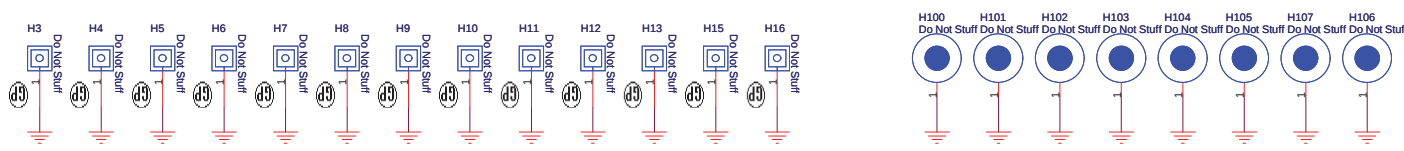
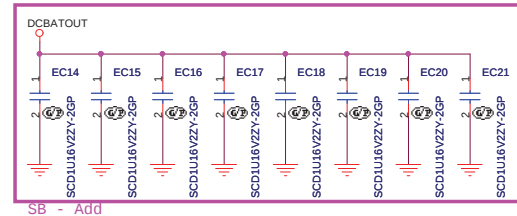
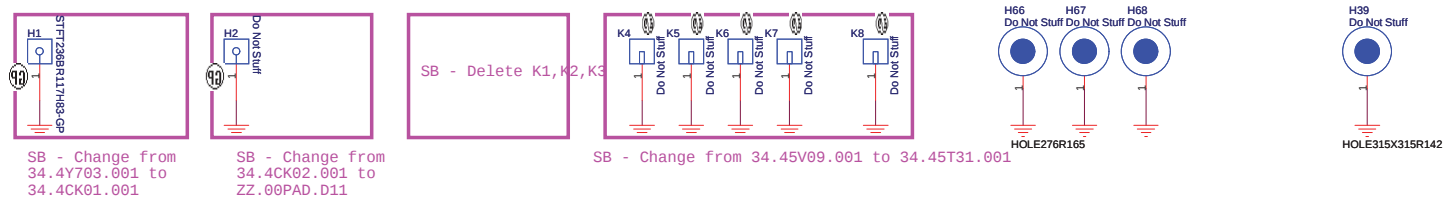
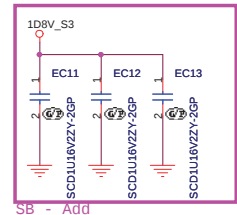
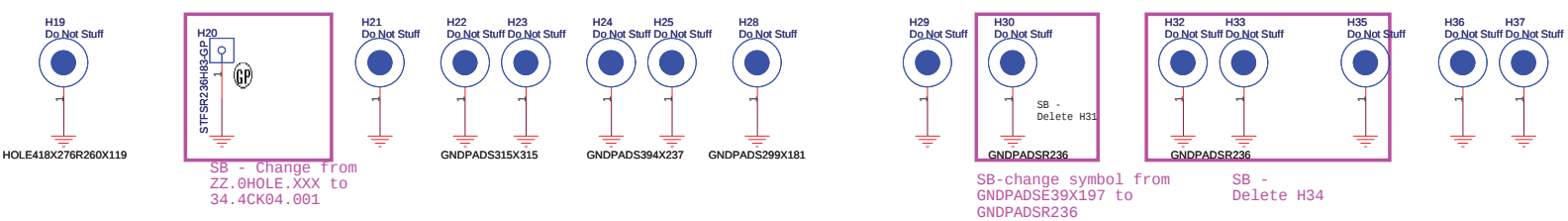
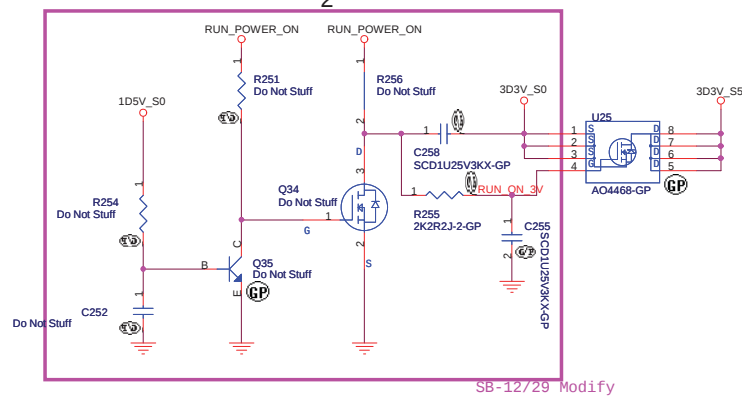
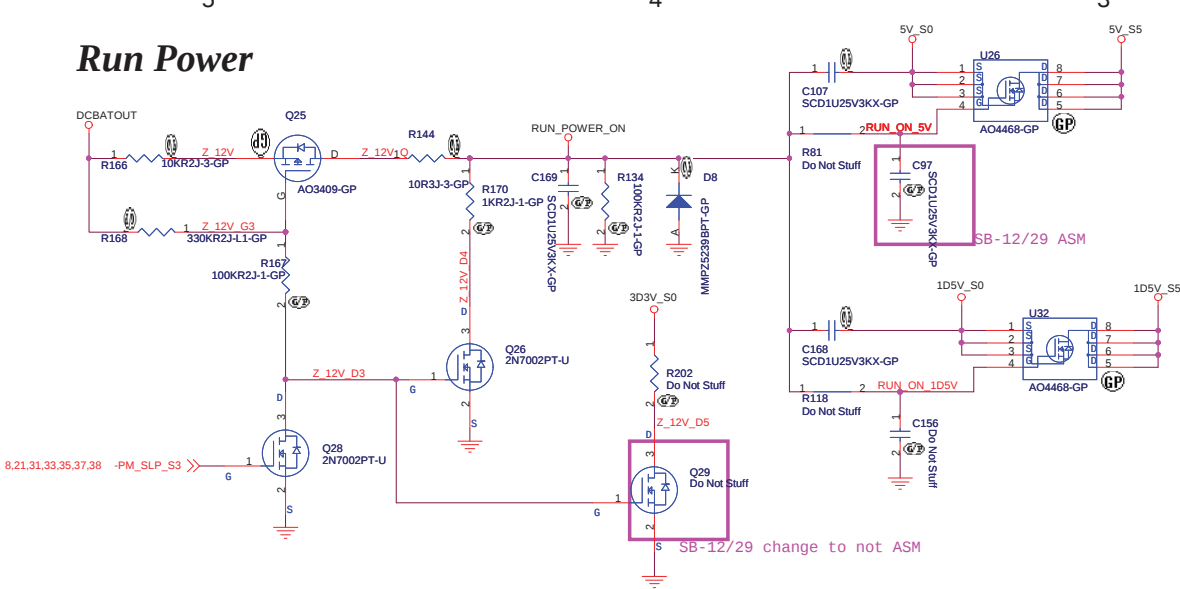


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緯創資通 Wistron Corporation 21F, 88, Sec. 1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C	
Title	
1D8V/0D9V_RT8207	
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CHARGER



Run Power



BOM	
緯創資通 Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C	
Title	Pun Power / EMC
Size	Custom
Document Number	LS20-VIA
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