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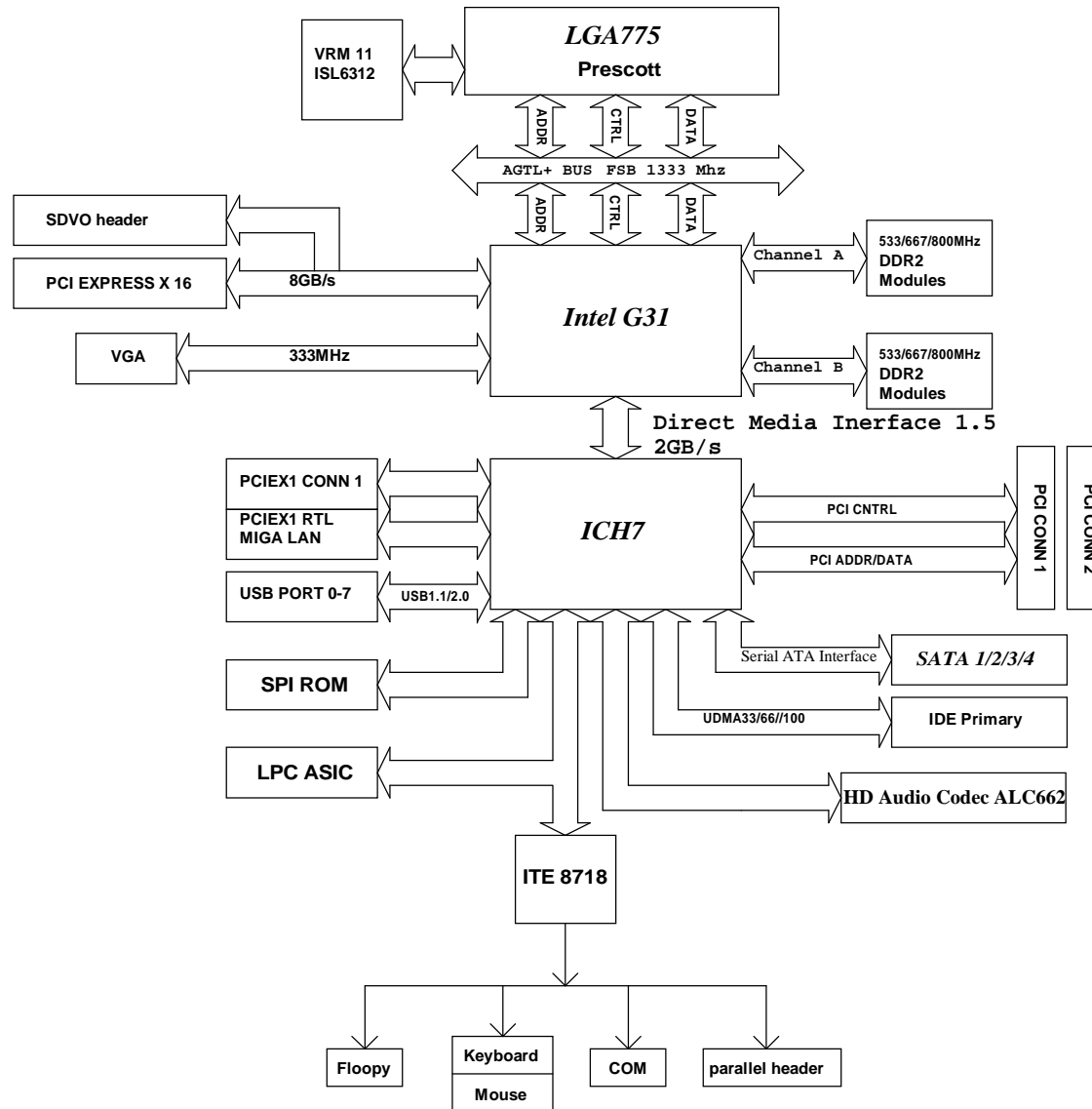
IG31C-M7S

uATX VER:6.7

775 CPU , FSB1066 ,
PCI-Ex16 , PCI-Ex1 ,DDR-II* 2
, 10/100 LAN,PCI*2

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BLOCK DIAGRAM



PCI Slot	IDE SEL	INT#	GNT#	REQ#	CLOCK
1					
2					

Chips	IDE SEL	INT#	GNT#	REQ#	CLOCK	GPIO
PATA						
ICH7						
S						
I/O BIOS						
LAN						
ANTI-POP						
DIMM-OV						
CPU-OV						
SATA-LED						
S						
I/O						

- 0.61 to 0.62
- 1.dummy R485, add R501,R502,Q70,Q24 for BSEL=0,NB judge improperly
 - 2.add R359,R360,C88,Q23,CT31 to supply a stable power to CRT
 - 3.swap the smbusclk and smbusdata of CLK generation
 - 4.add Q88,Q69,Q71,Q73,Q75 for ESD
 - 5.disconnect RST_BUTT to SIO
 - 6.change LAN chip to 8102E
 - 7.change all MOS to P0903BDG



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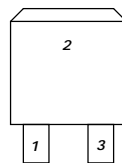
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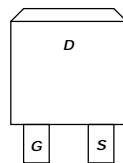
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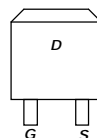
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100U/16DE	6.3*11 mm
220U/10DE	6.3*11 mm
470U/16DE	8*11 mm
1000U/10DE	8*14 mm
1500U/16DE	10*25 mm
3300U/25DE	10*25 mm



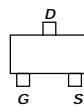
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B55QS03



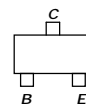
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2SK3296



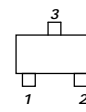
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20N03
TM3055TL-S
45N03
FDD6030L



SOT-23
2N7002
SI2303S
SI2301S



SOT-23
2N3904
2N3906
MMBT2907A



SOT-23
BAT54C
BAT54S



TO-92
LM431
78L05-D
LM432



TO-92
2N2222A
2N2097A



TO-92
HSD882-D



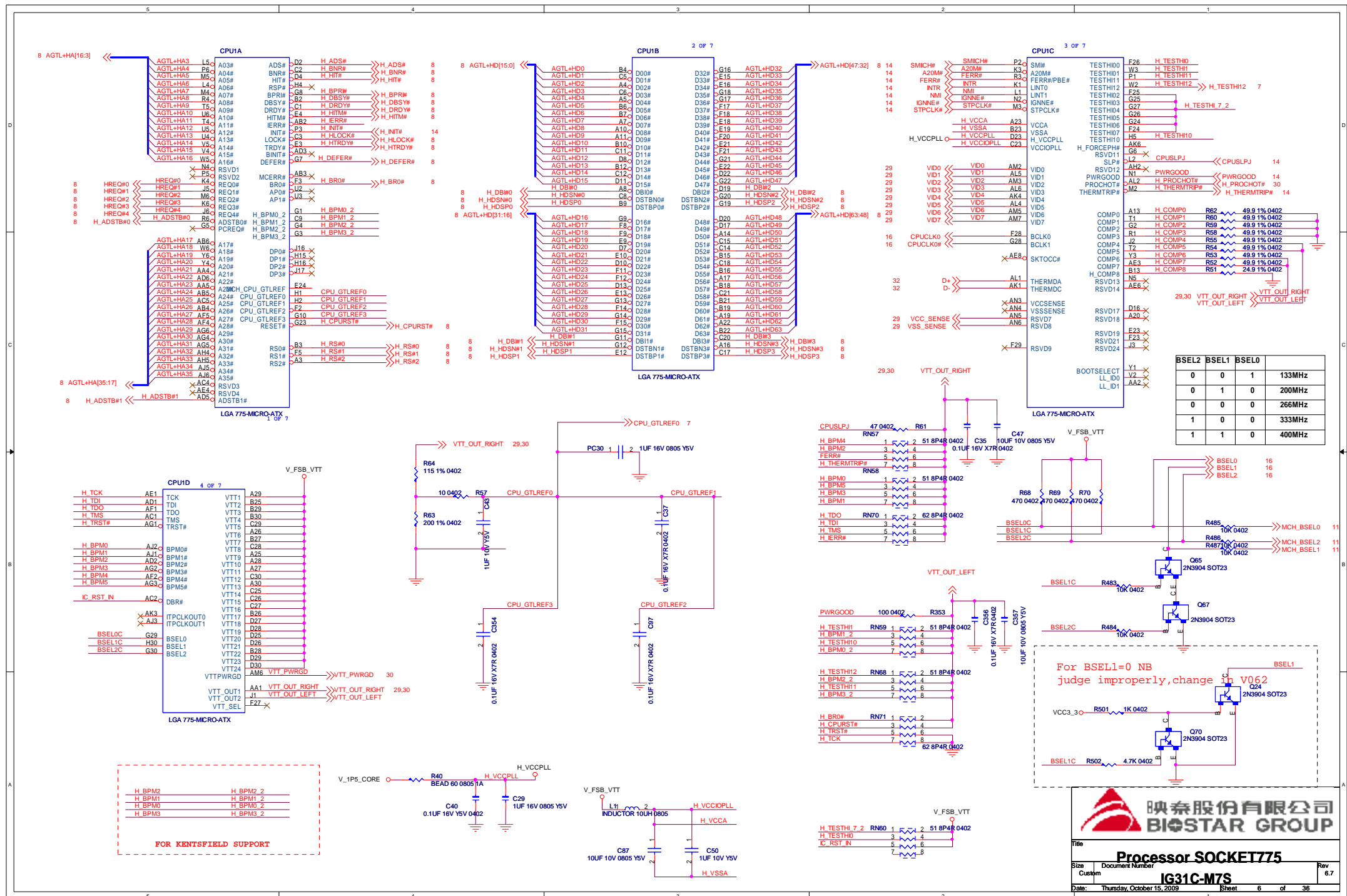
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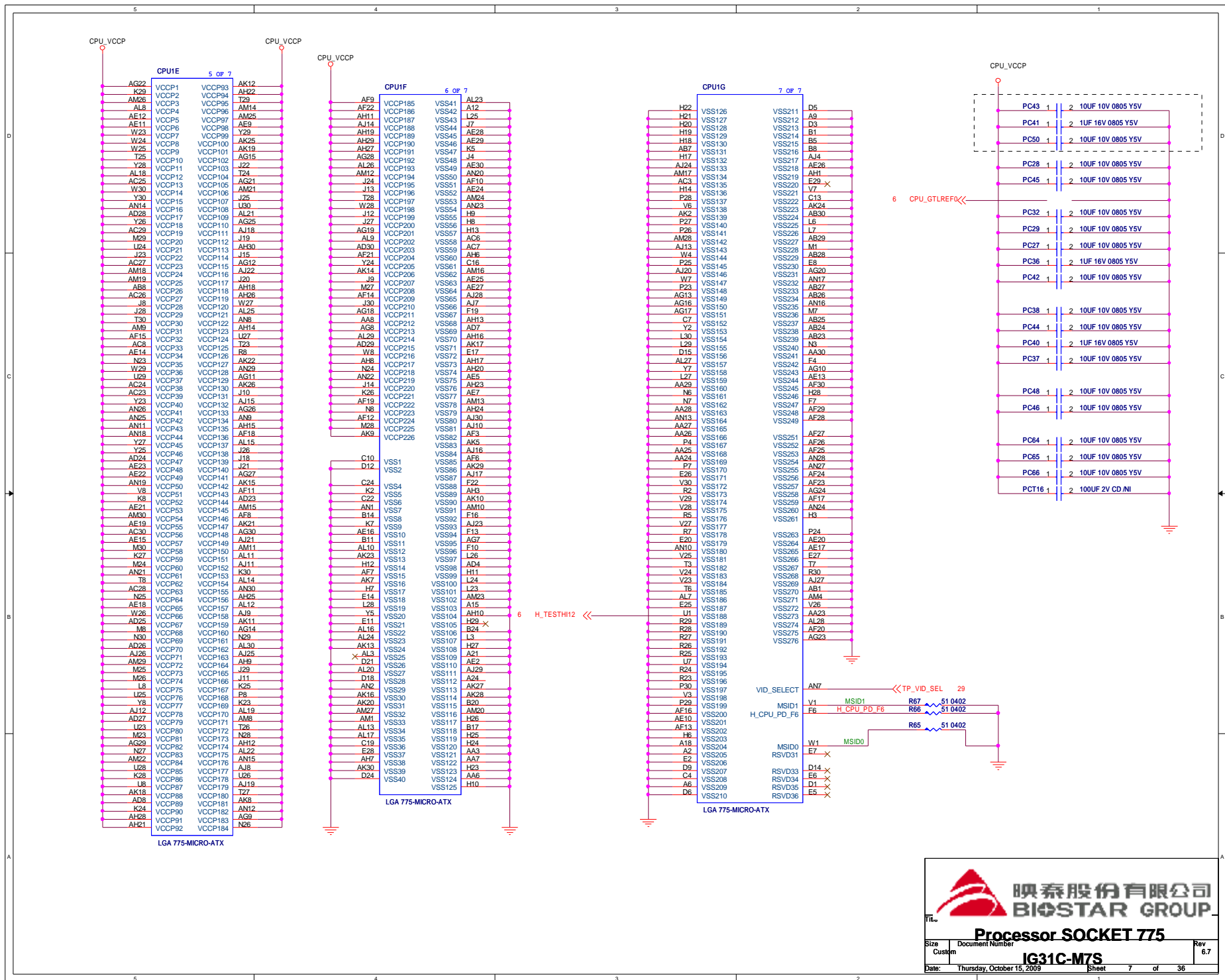
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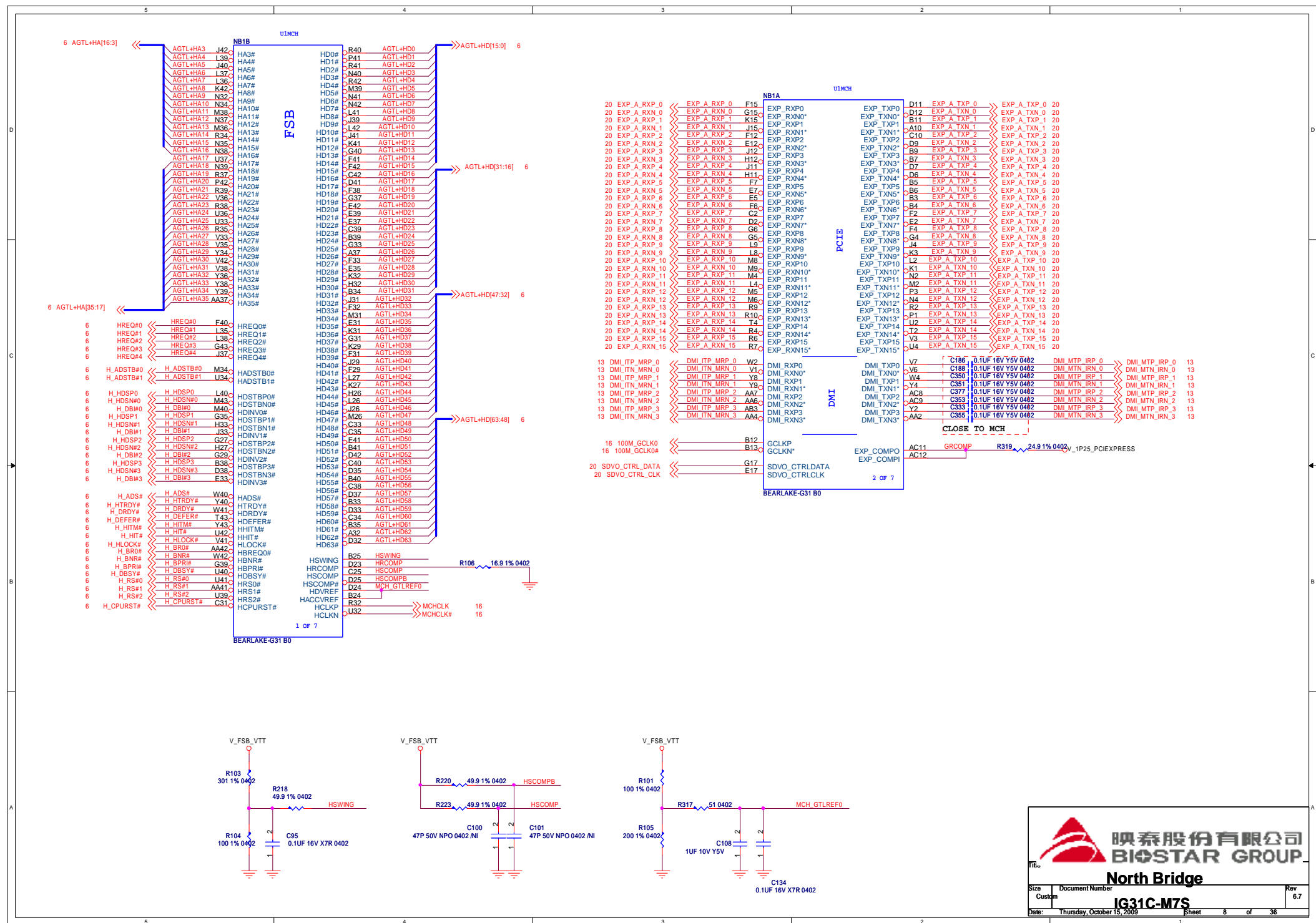
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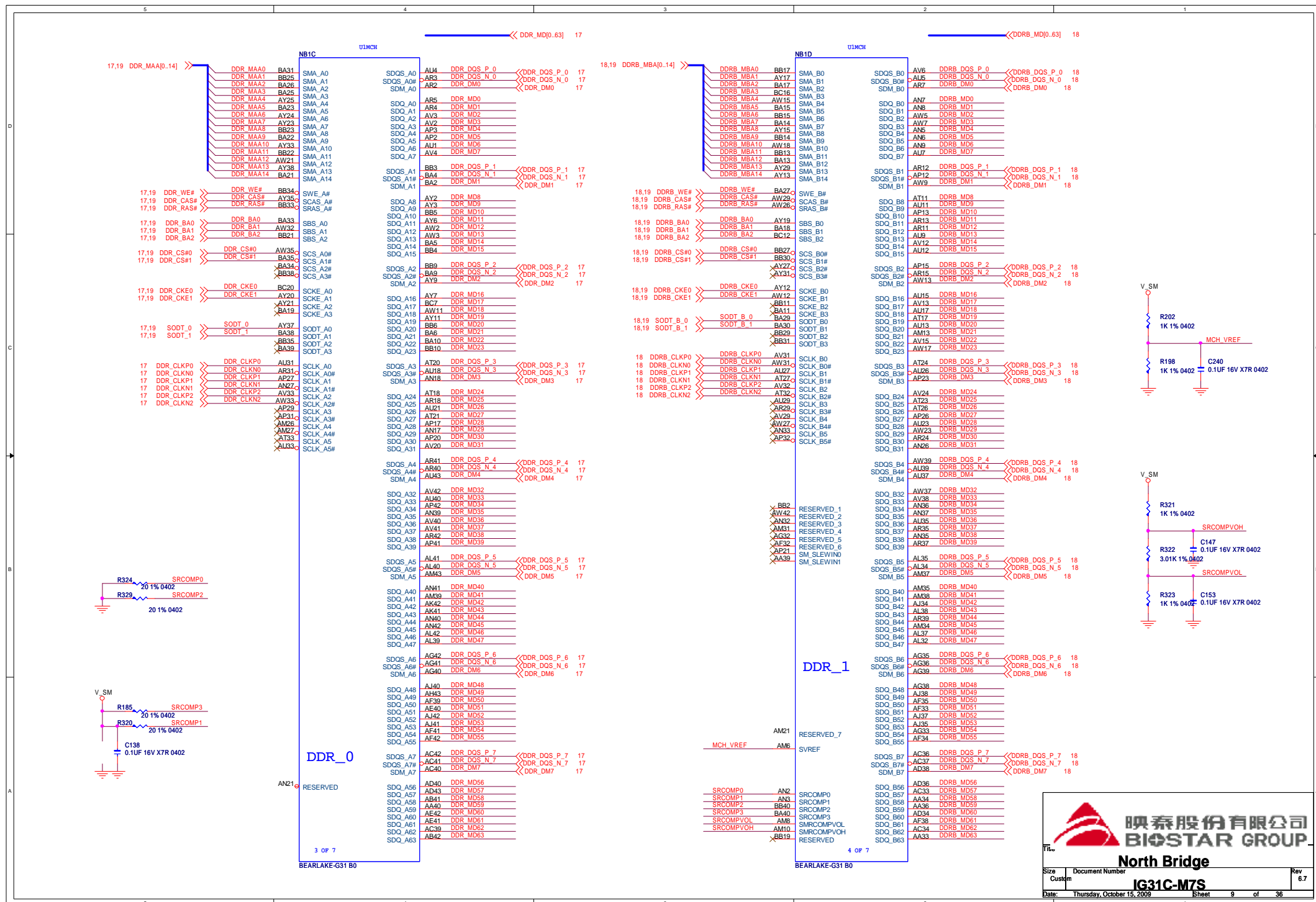
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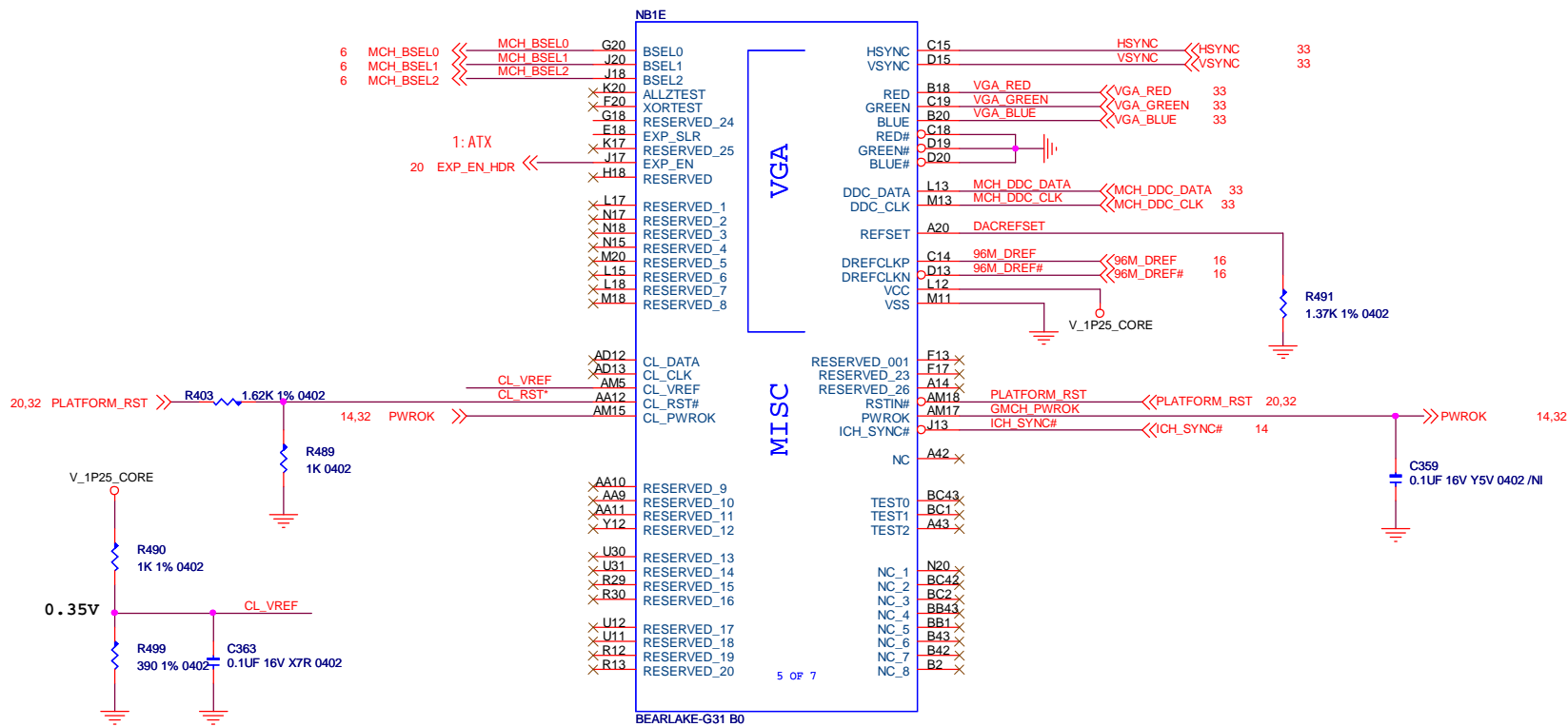
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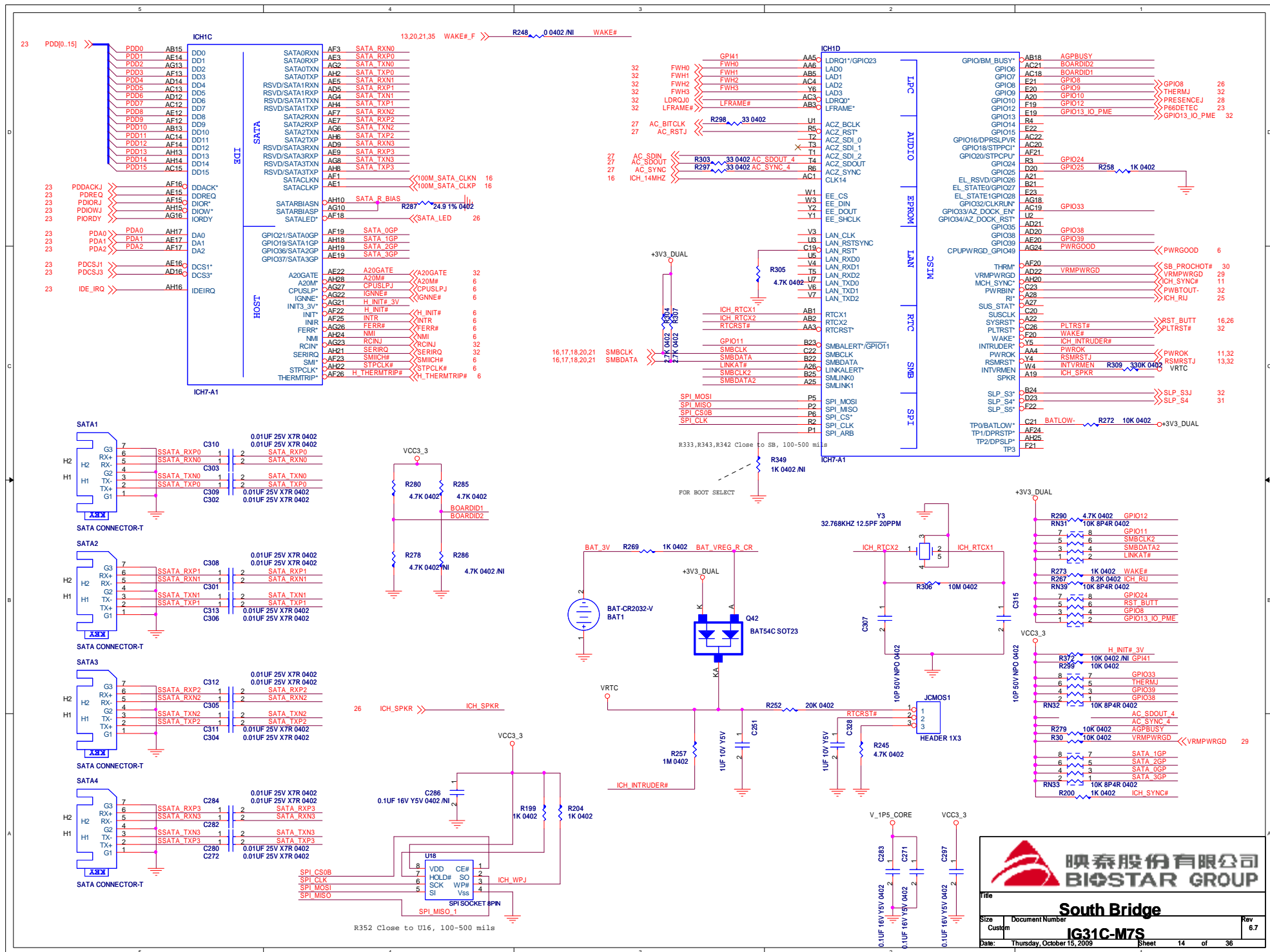


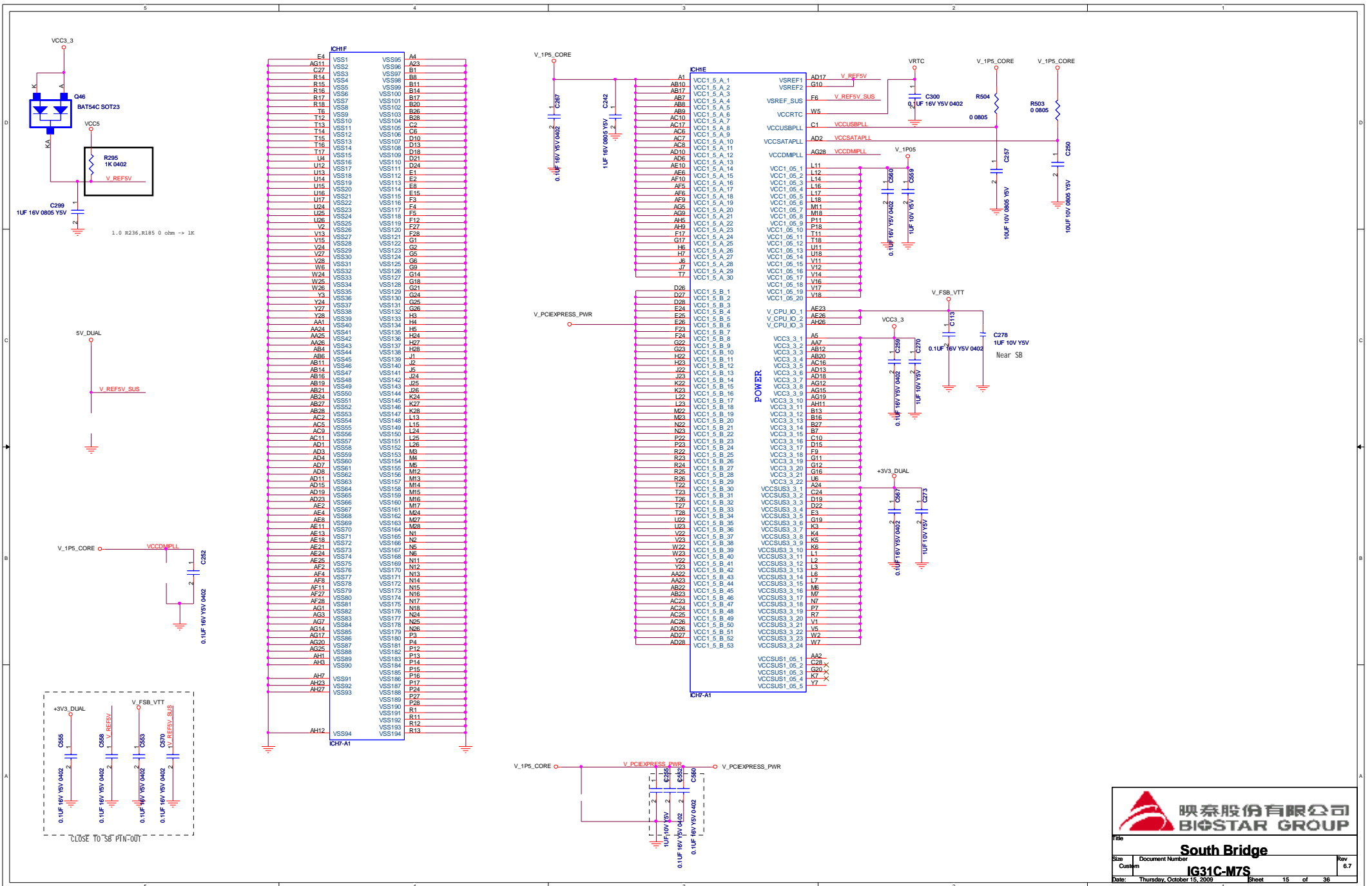


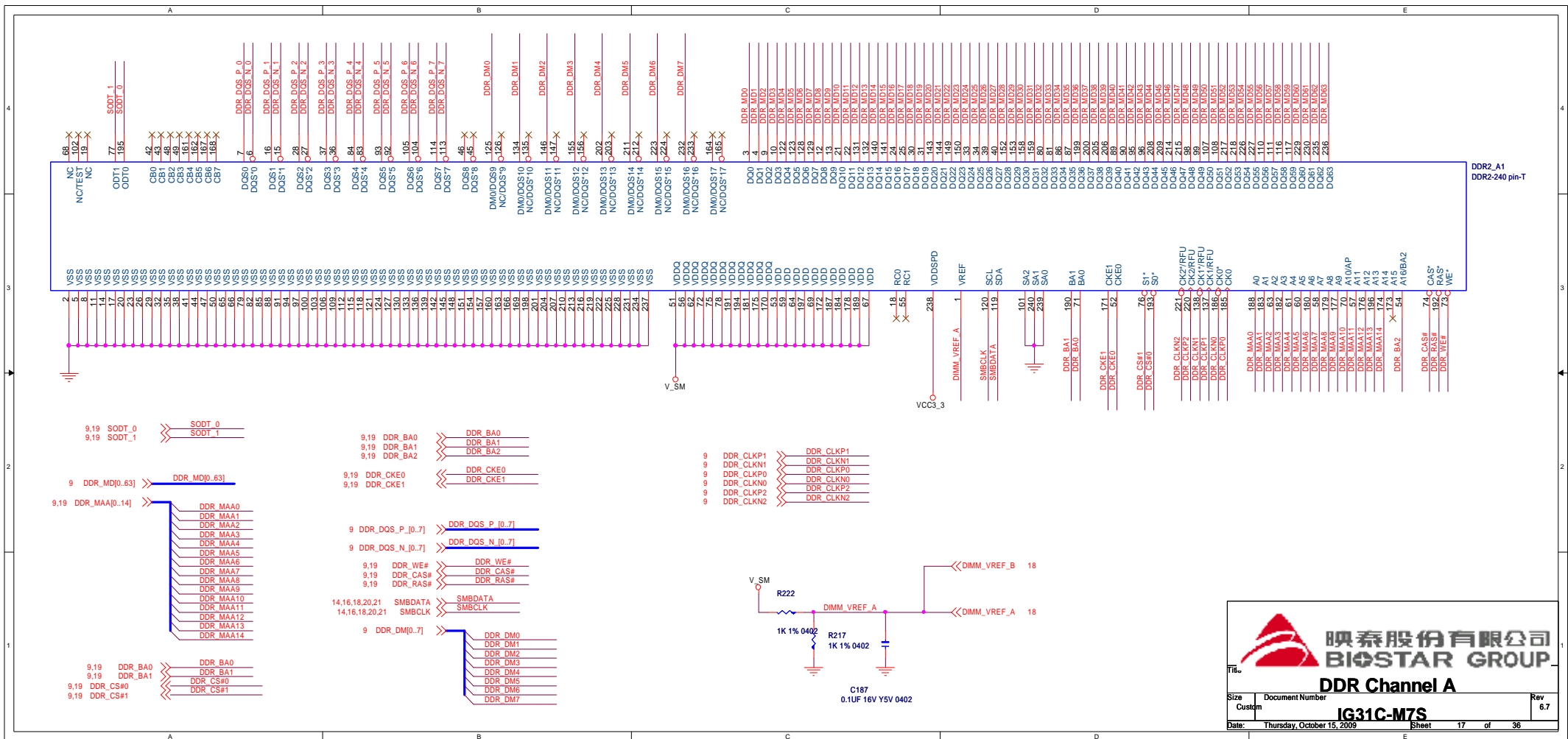
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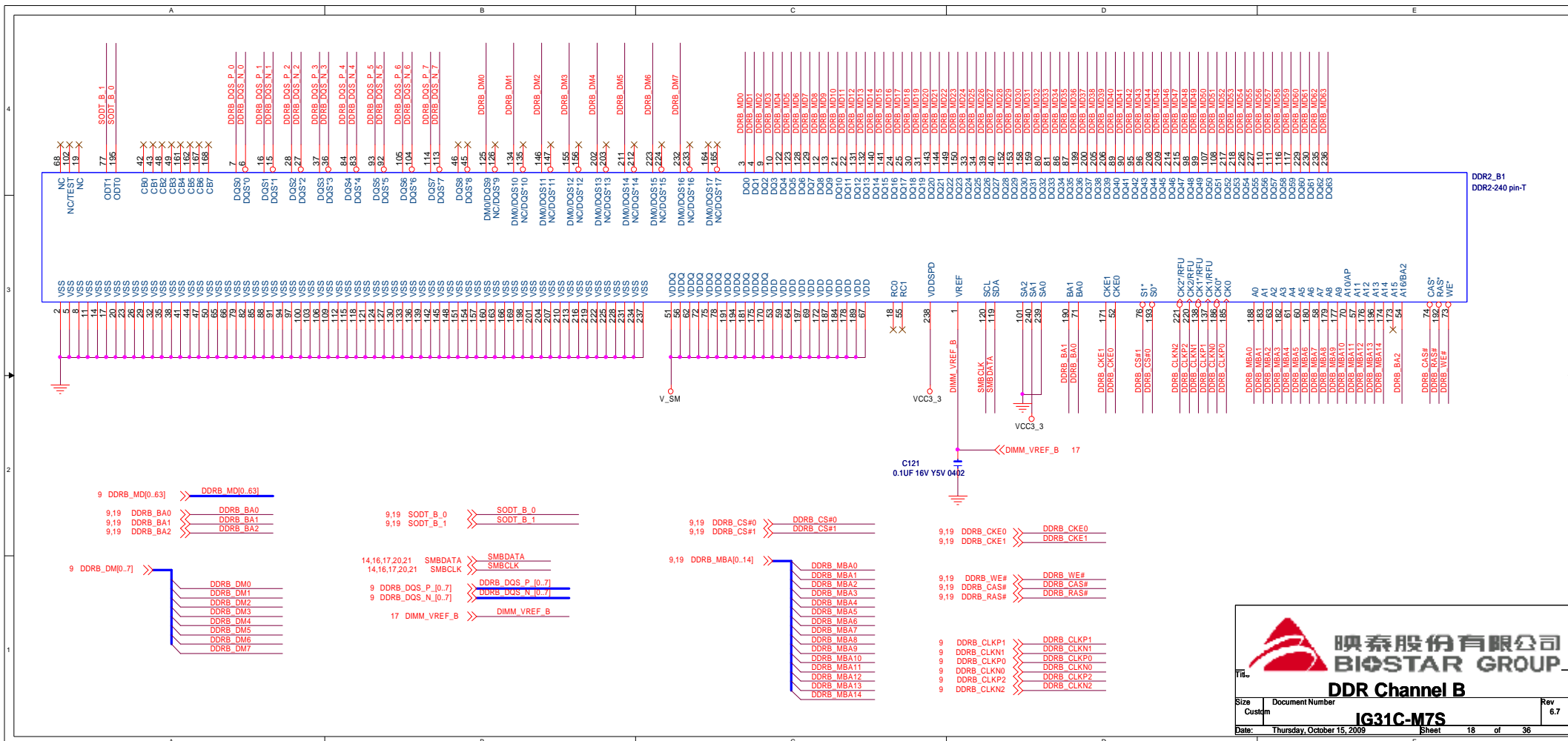
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0	0	1	133 MHZ (533)
0	1	0	200 MHZ (800)
1	0	0	333 MHZ (1333)

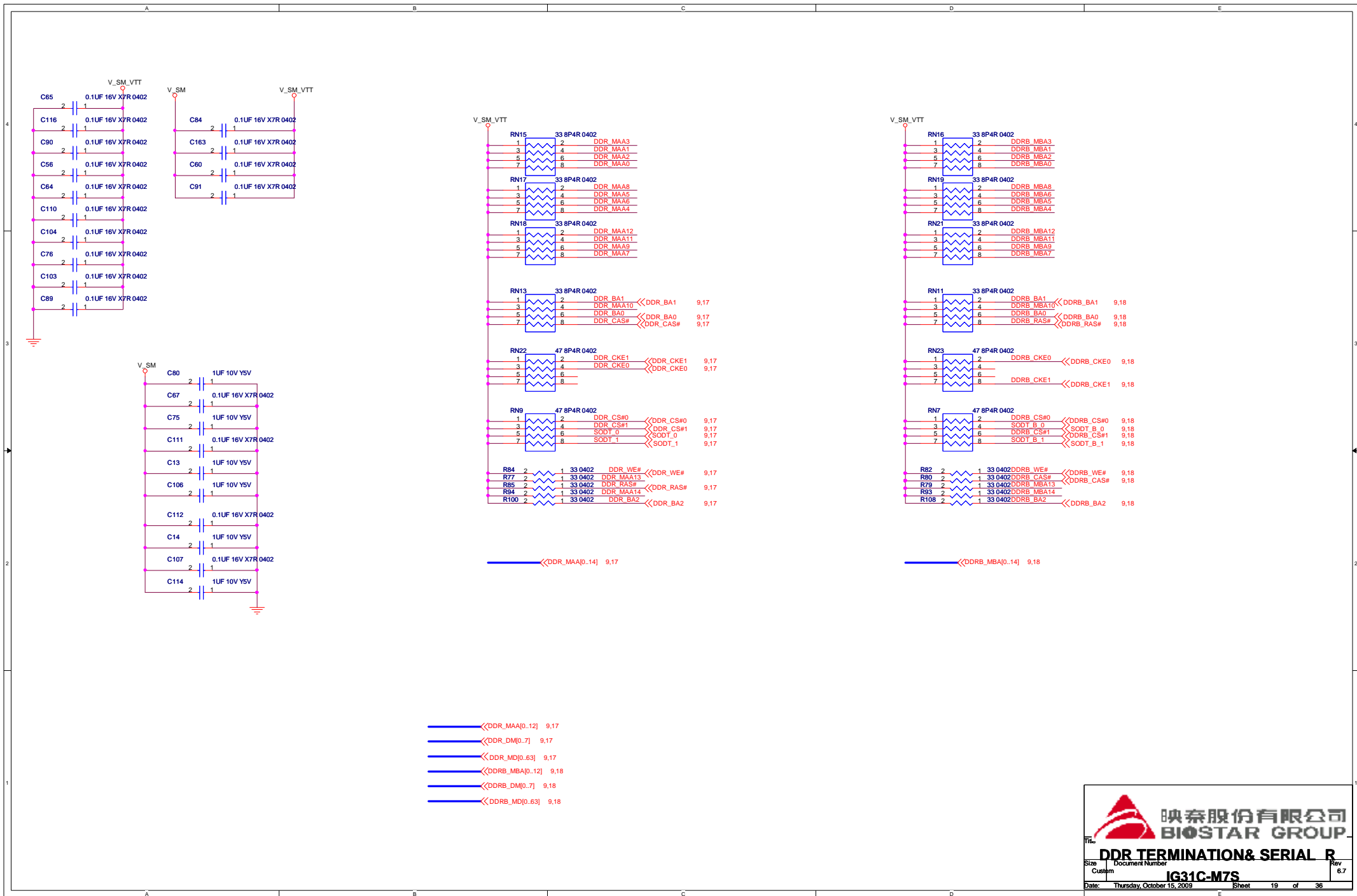
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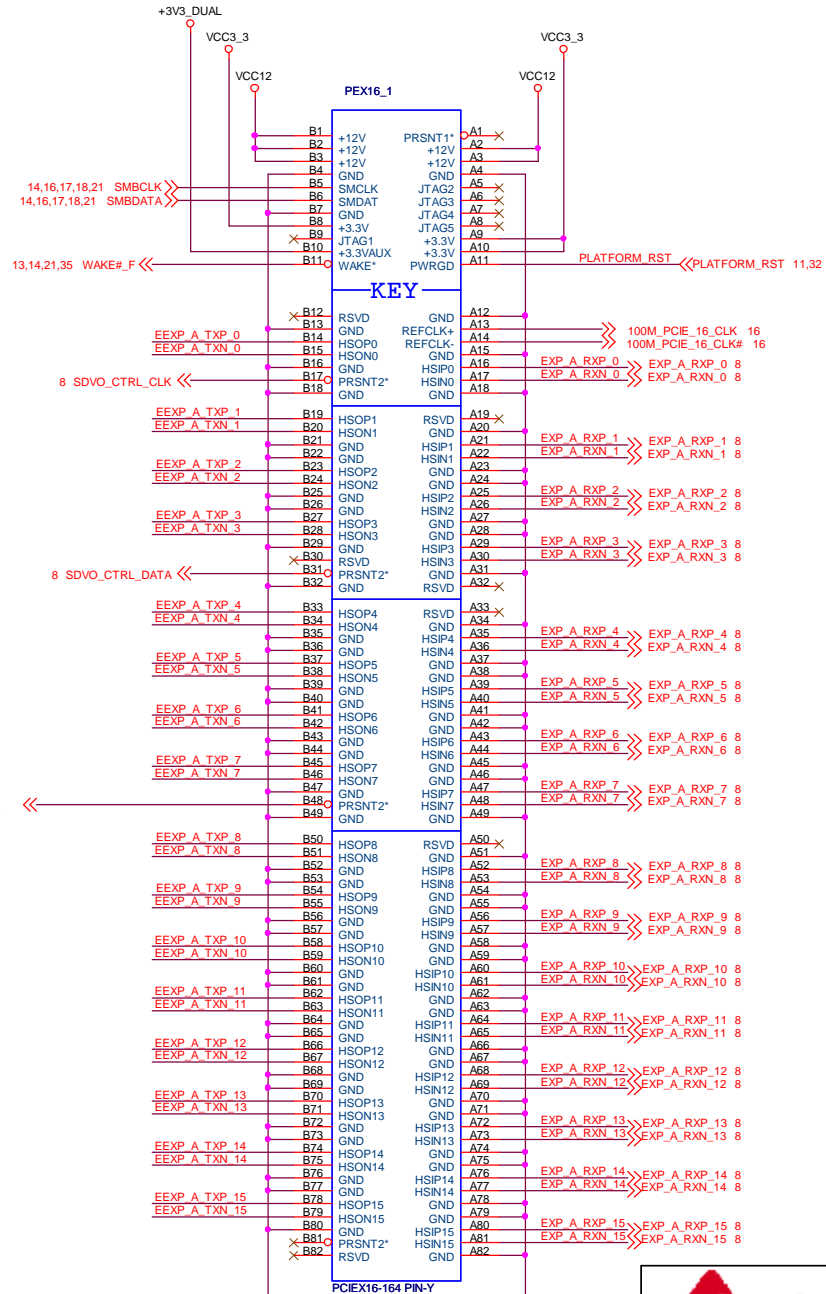


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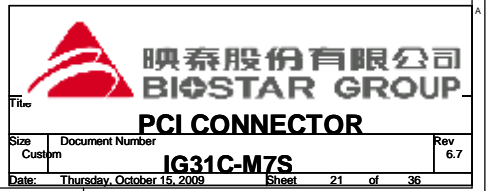
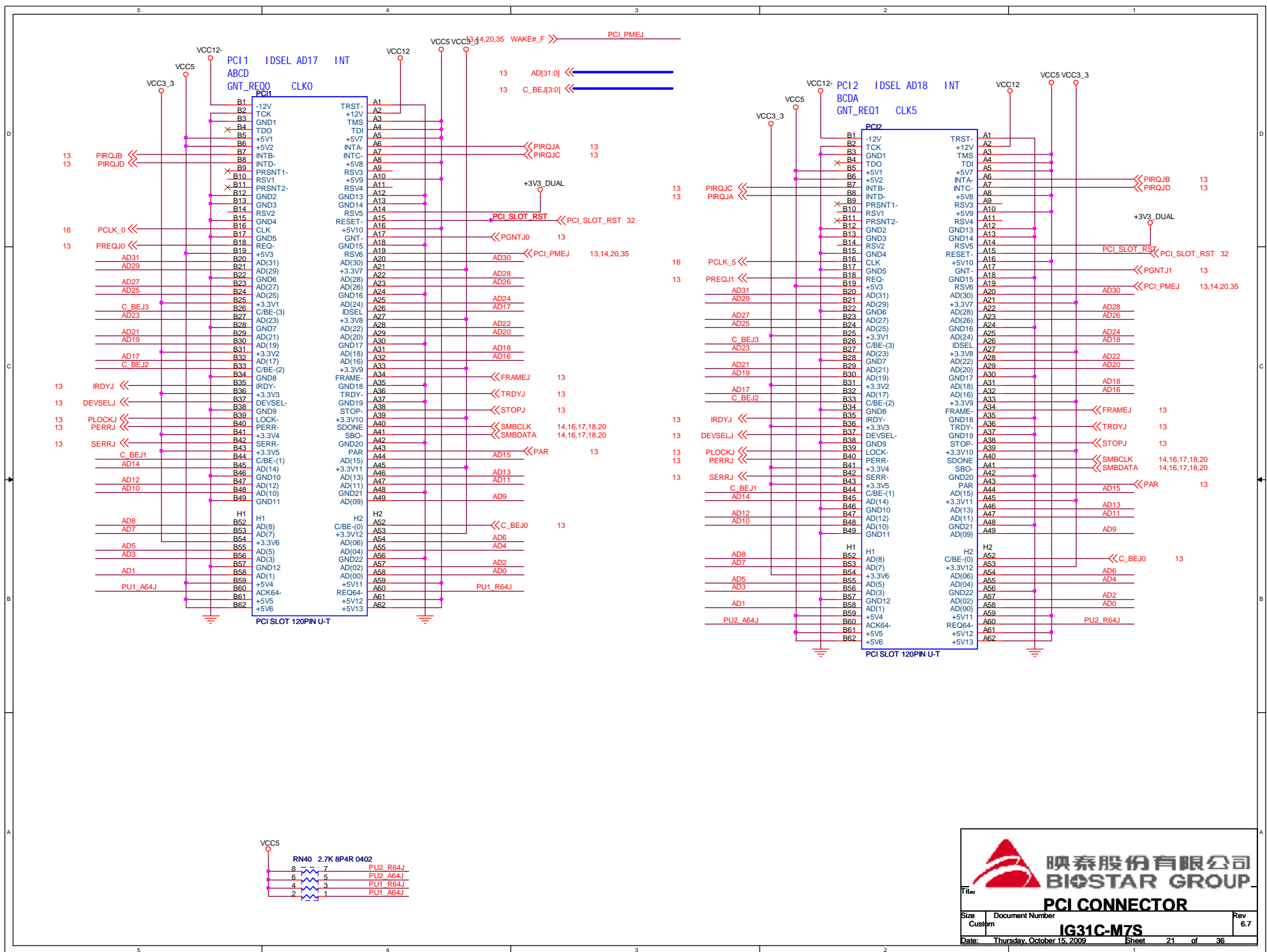


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3. The Effect of the 1997 Asian Financial Crisis on the U.S. Economy	John H. Coatsworth	1998	Journal of International Economics	50	1	31-45
4. The Impact of the 1997 Asian Financial Crisis on the U.S. Economy	John H. Coatsworth	1998	Journal of International Economics	50	1	46-60
5. The Effect of the 1997 Asian Financial Crisis on the U.S. Economy	John H. Coatsworth	1998	Journal of International Economics	50	1	61-75
6. The Impact of the 1997 Asian Financial Crisis on the U.S. Economy	John H. Coatsworth	1998	Journal of International Economics	50	1	76-90
7. The Effect of the 1997 Asian Financial Crisis on the U.S. Economy	John H. Coatsworth	1998	Journal of International Economics	50	1	91-105
8. The Impact of the 1997 Asian Financial Crisis on the U.S. Economy	John H. Coatsworth	1998	Journal of International Economics	50	1	106-120
9. The Effect of the 1997 Asian Financial Crisis on the U.S. Economy	John H. Coatsworth	1998	Journal of International Economics	50	1	121-135
10. The Impact of the 1997 Asian Financial Crisis on the U.S. Economy	John H. Coatsworth	1998	Journal of International Economics	50	1	136-150

PCI_Ex1 CONNECTOR

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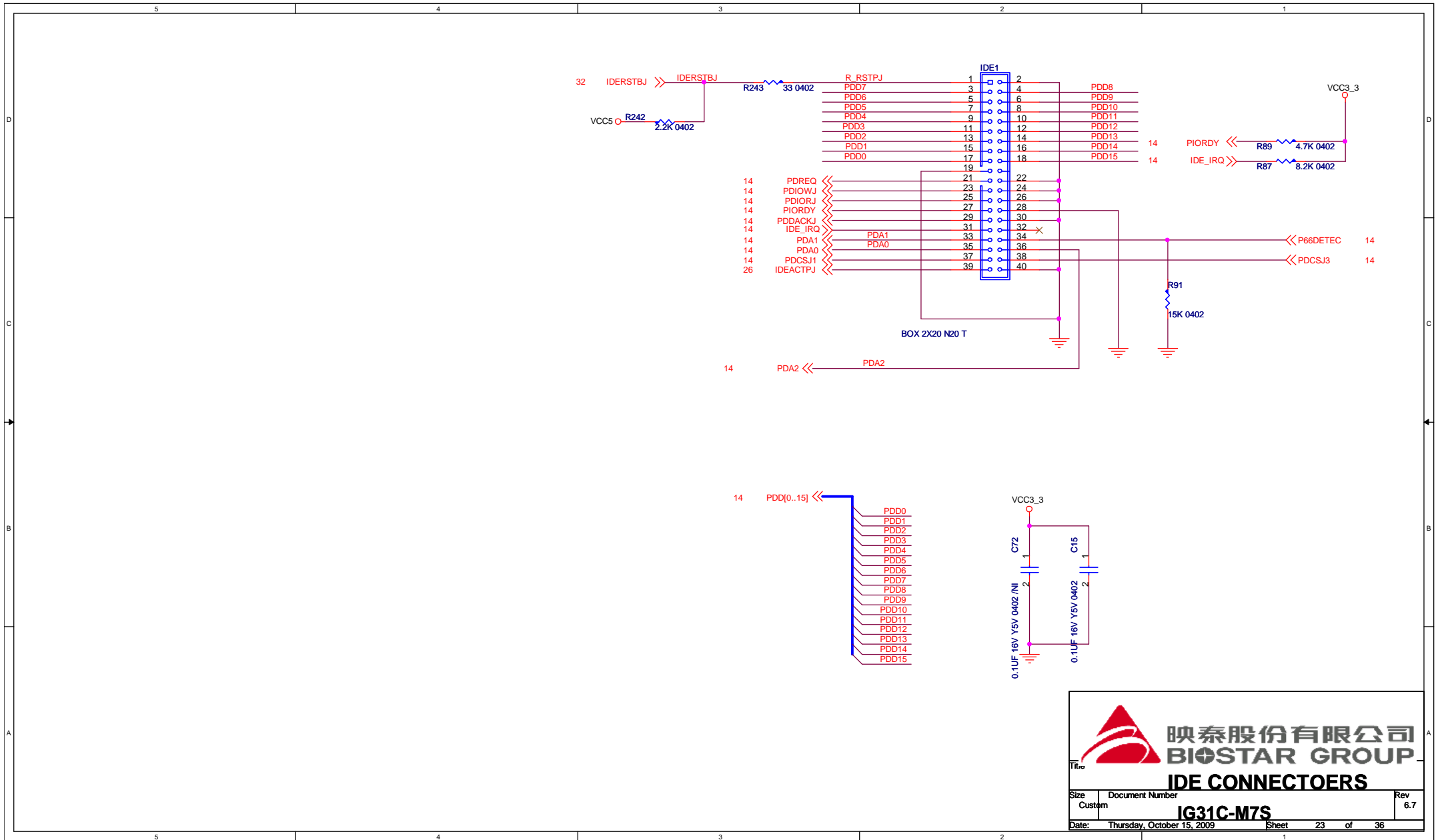
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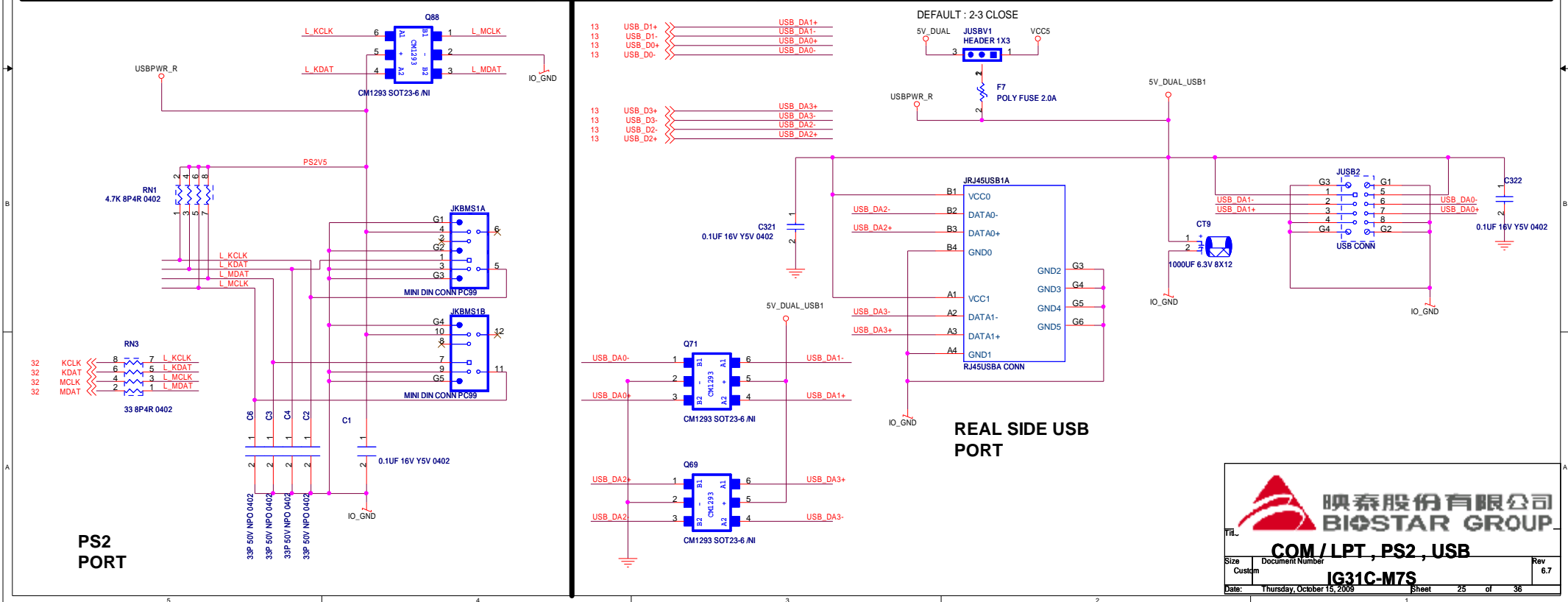
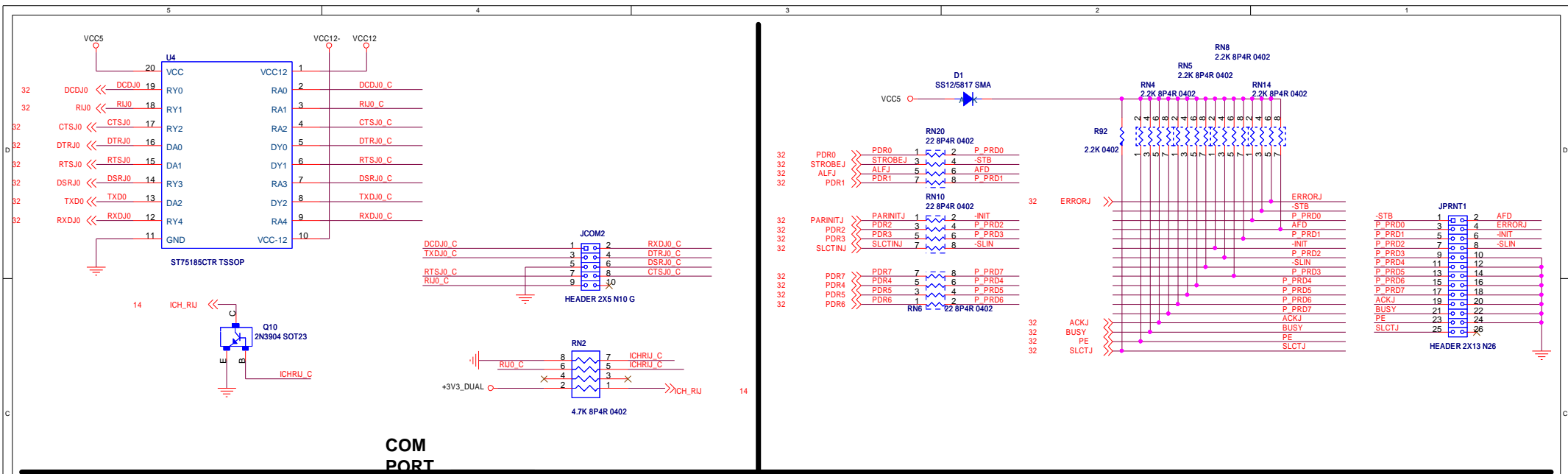
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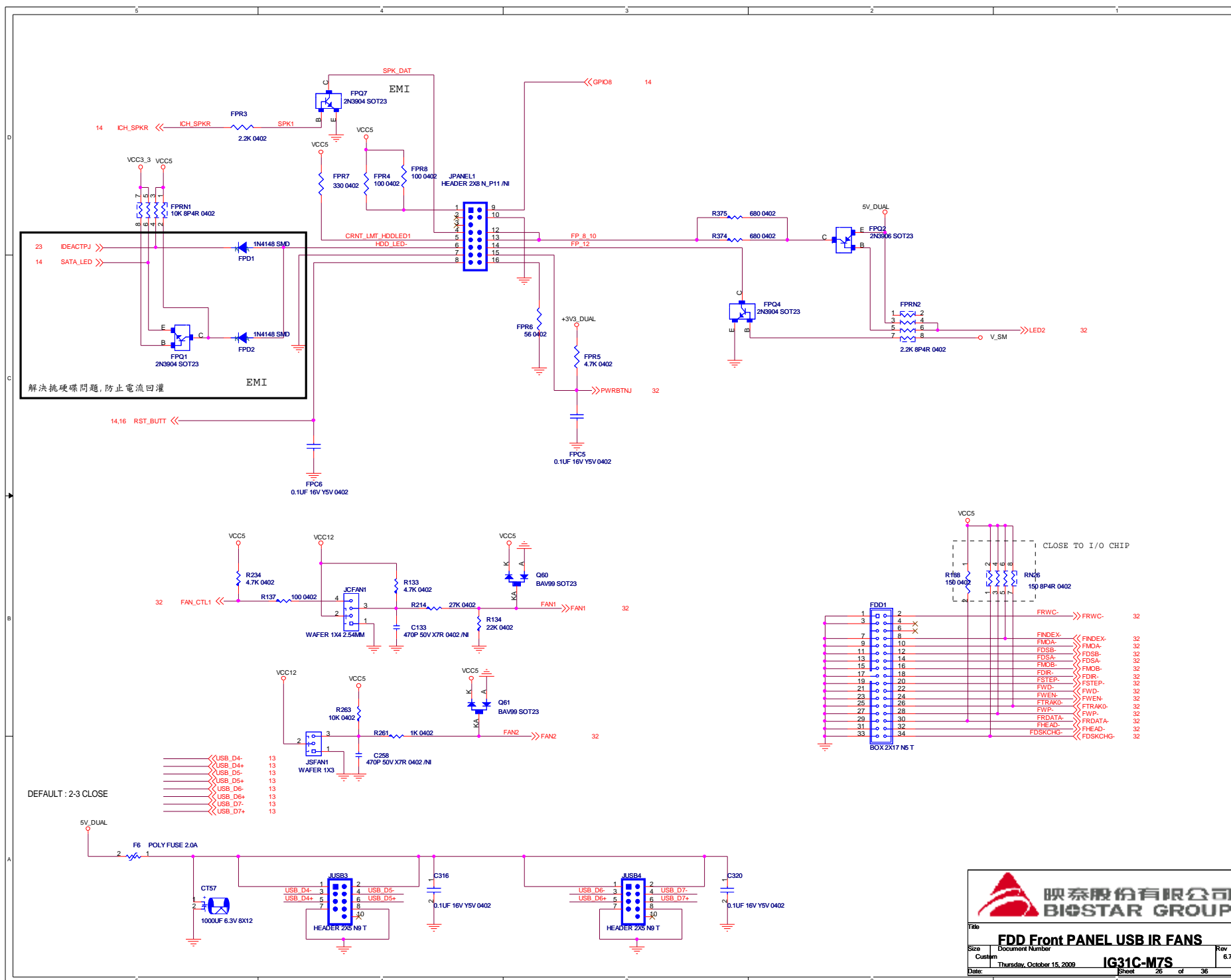
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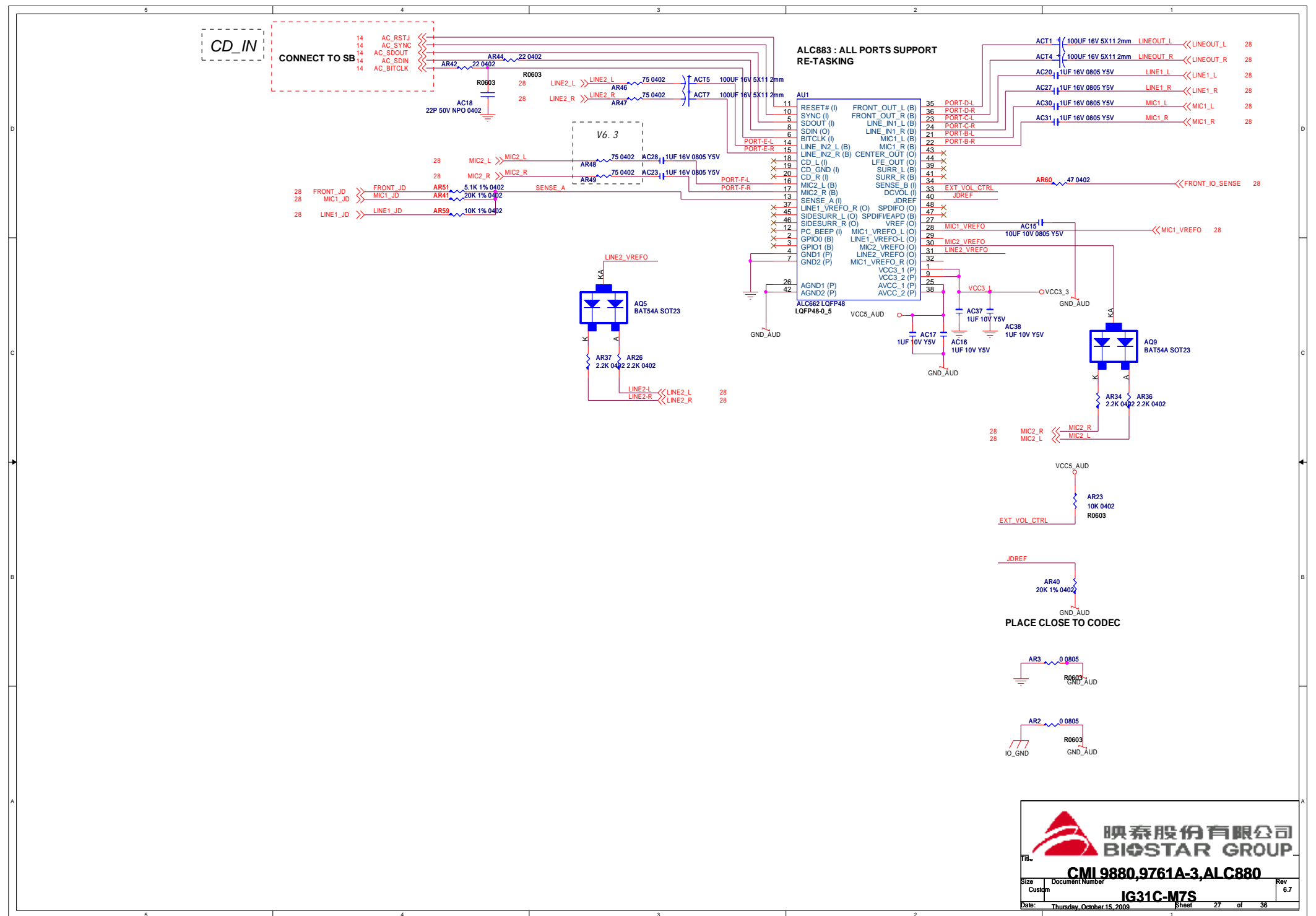
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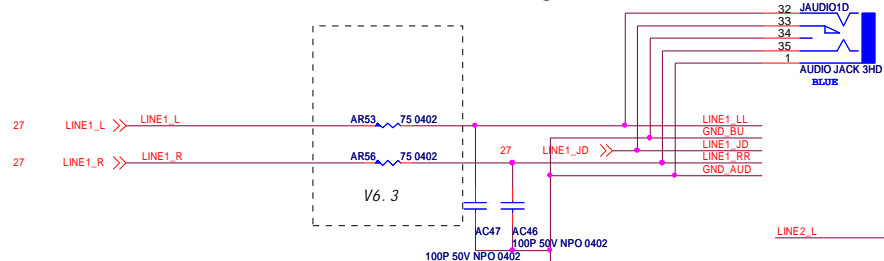




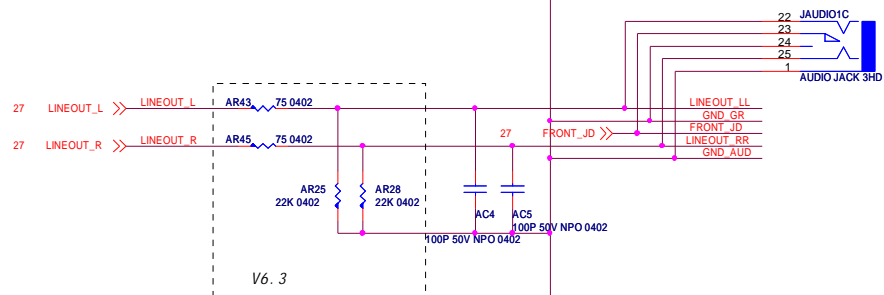
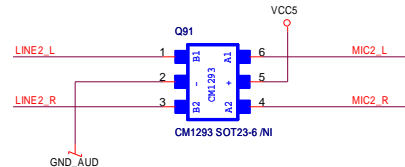




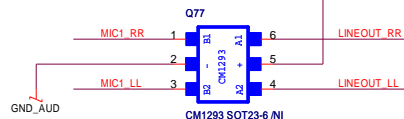
Rear Panel Onboard Analog I/O



BLUE JACK

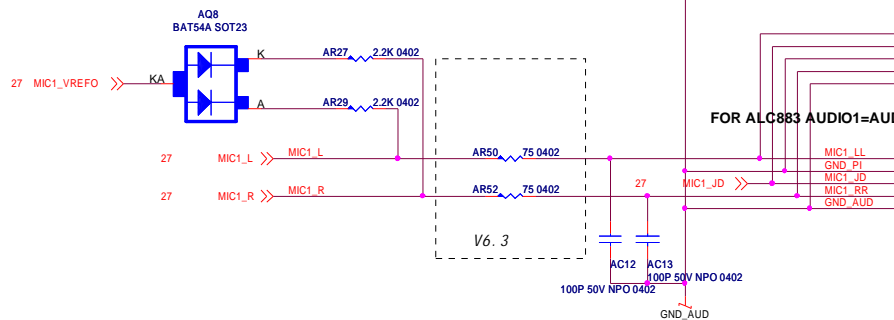


GREEN JACK



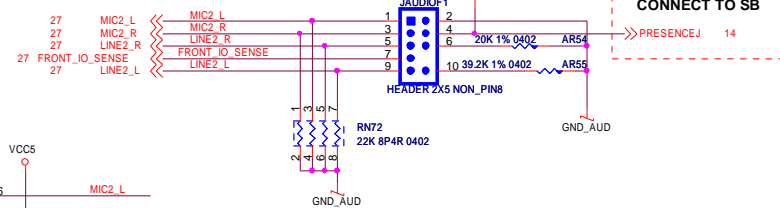
FOR ALC883 AUDIO1=AUDIOJACK6(WT JD)

PINK JACK



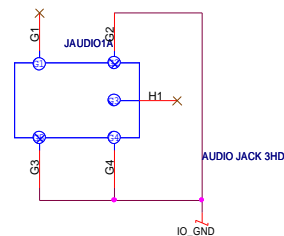
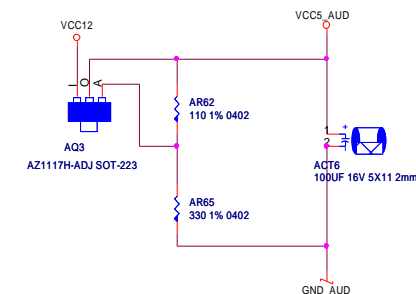
0.6-->6.0版.. 改connector
JDpin和GNDpin交换

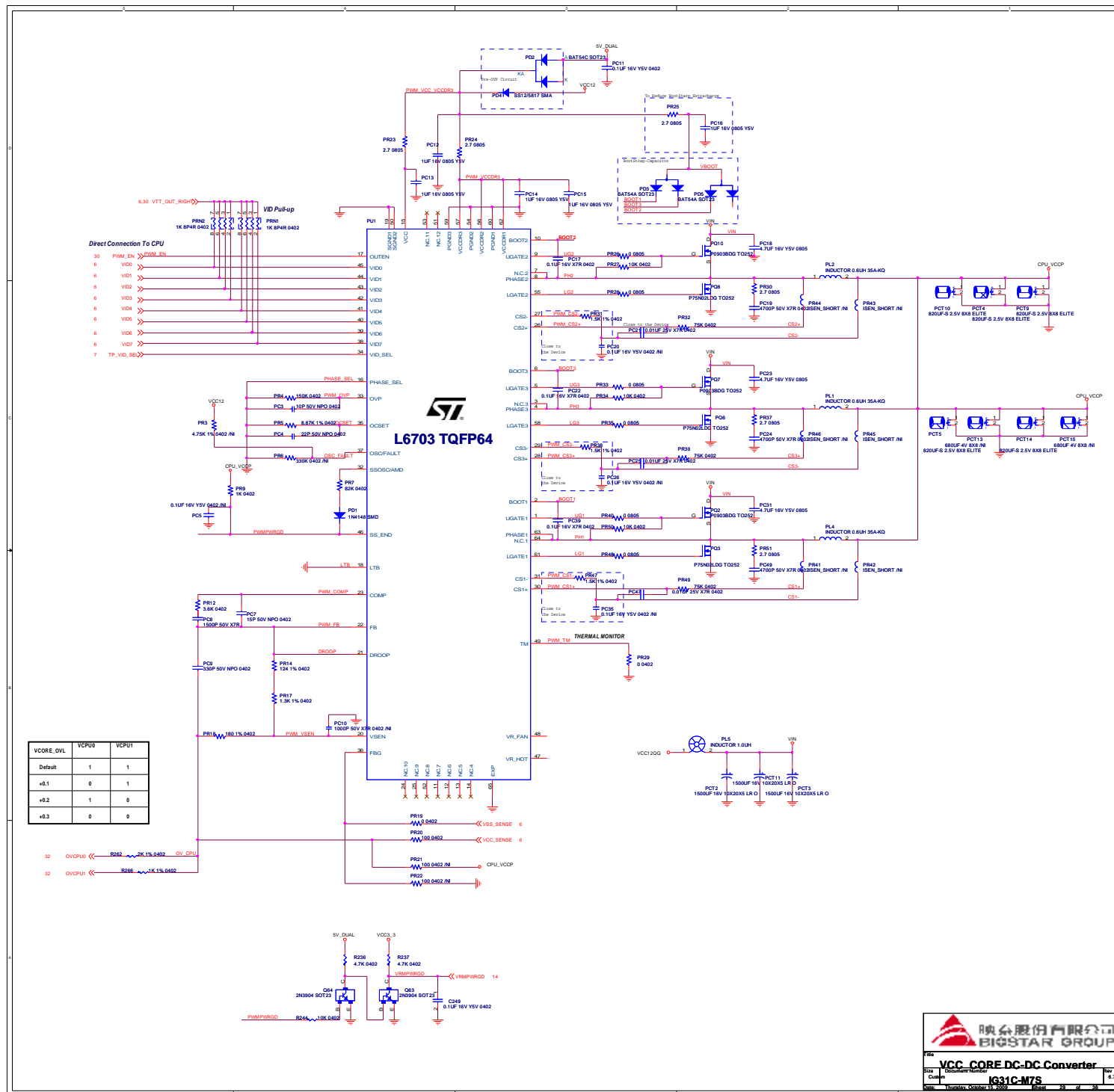
0: INTEL HD AUDIO DONGLE CONNECTED
1: INTEL HD AUDIO DONGLE UNCONNECTED



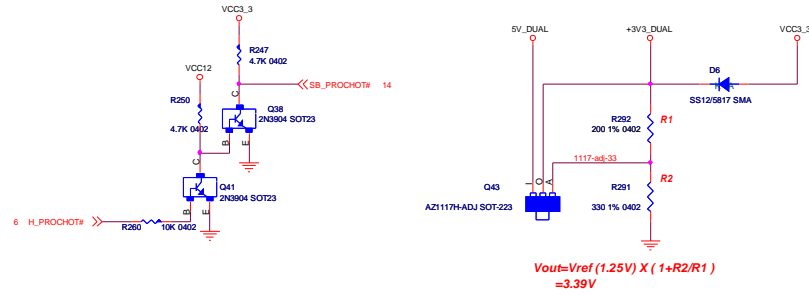
CONNECT TO SB

AUDIO ANALOG POWER

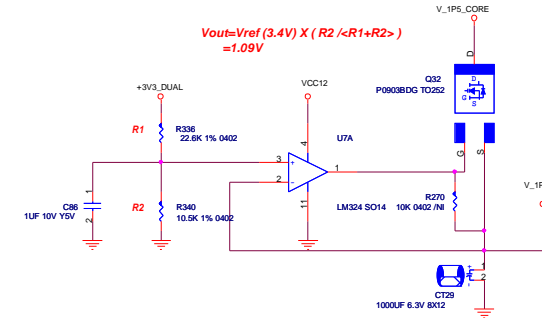




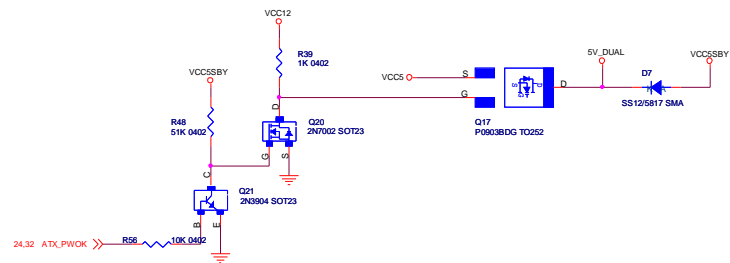
+3V3_DUAL



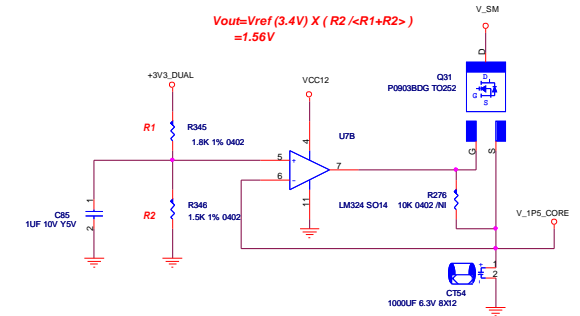
1D05V For SB



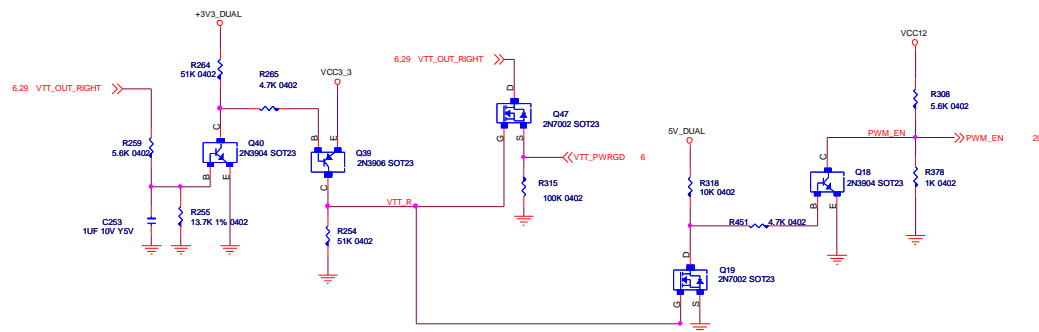
5V_DUAL



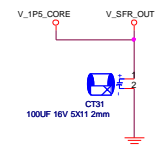
1D5V For SB

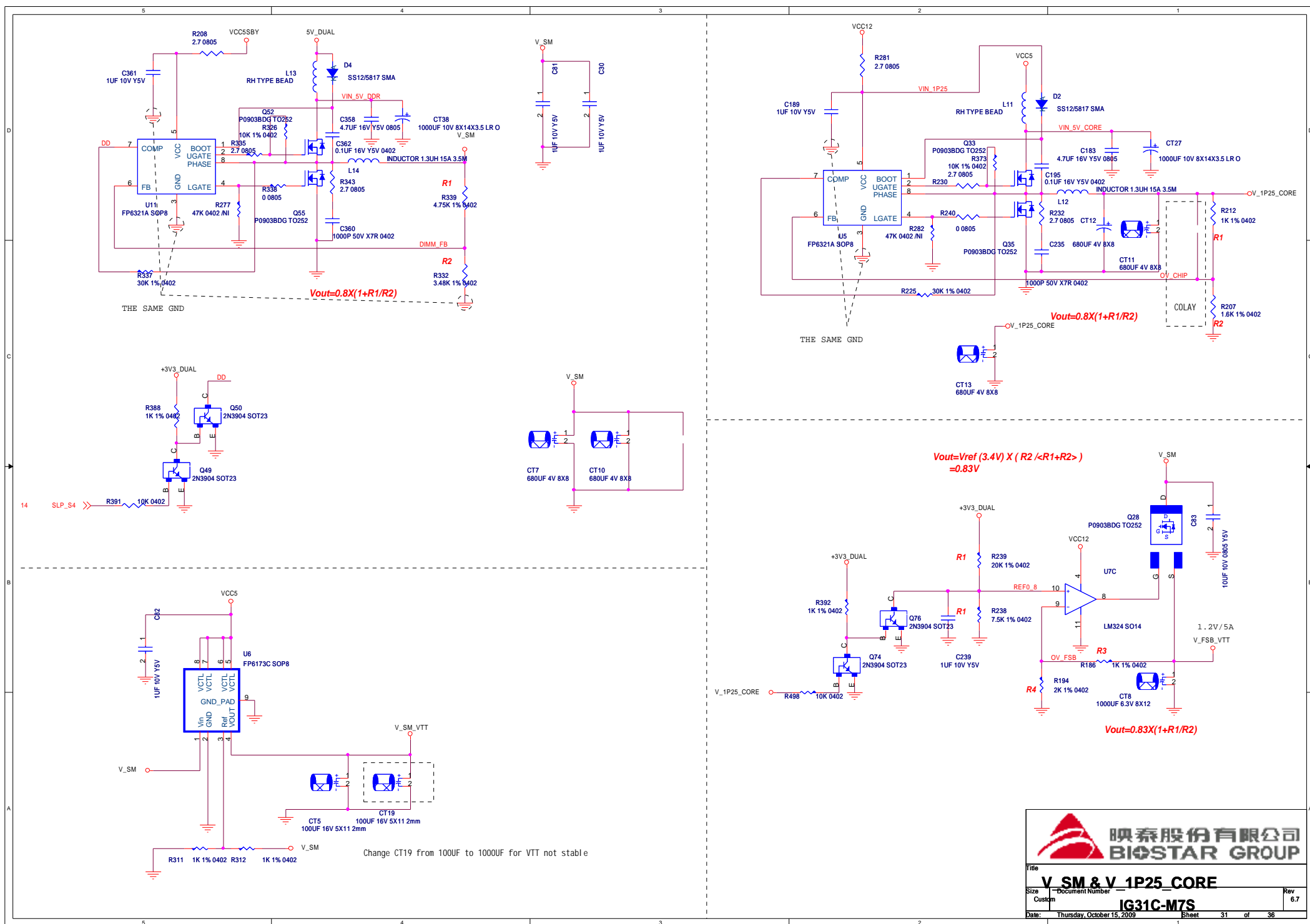


PWM Sequence



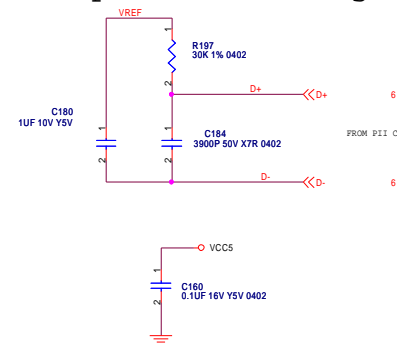
1D5V For VCCD_CRT



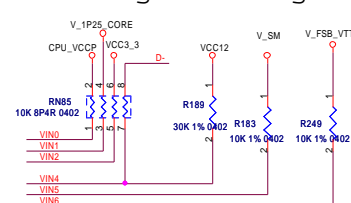


When pin1 JP4=Low,the GPIO pins status will run in Push Pull MODE

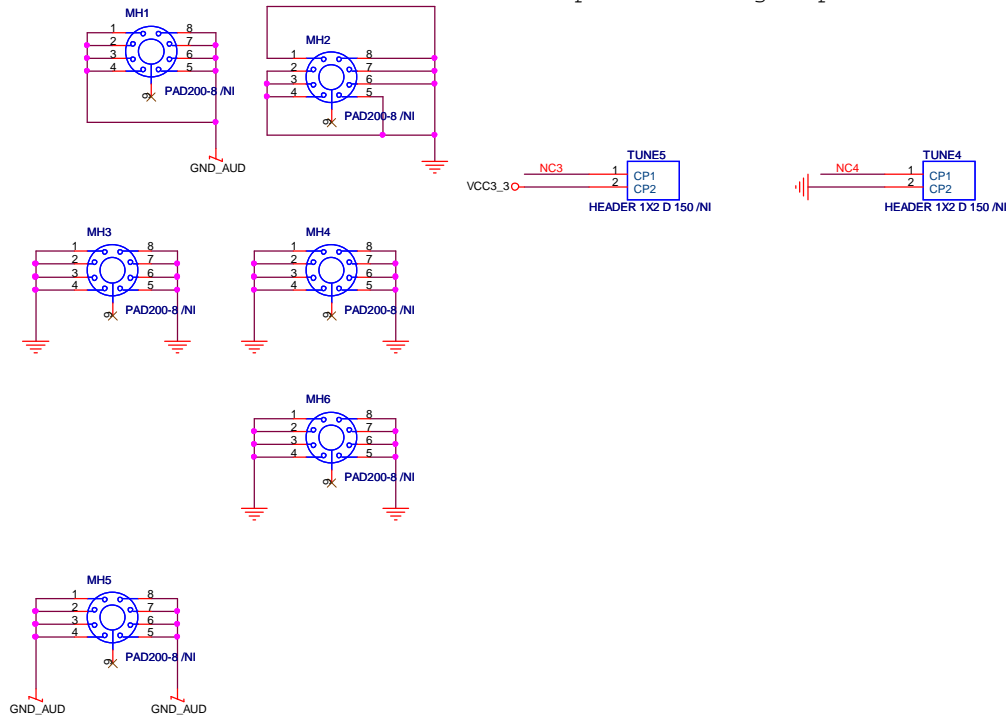
Temperature Sensing

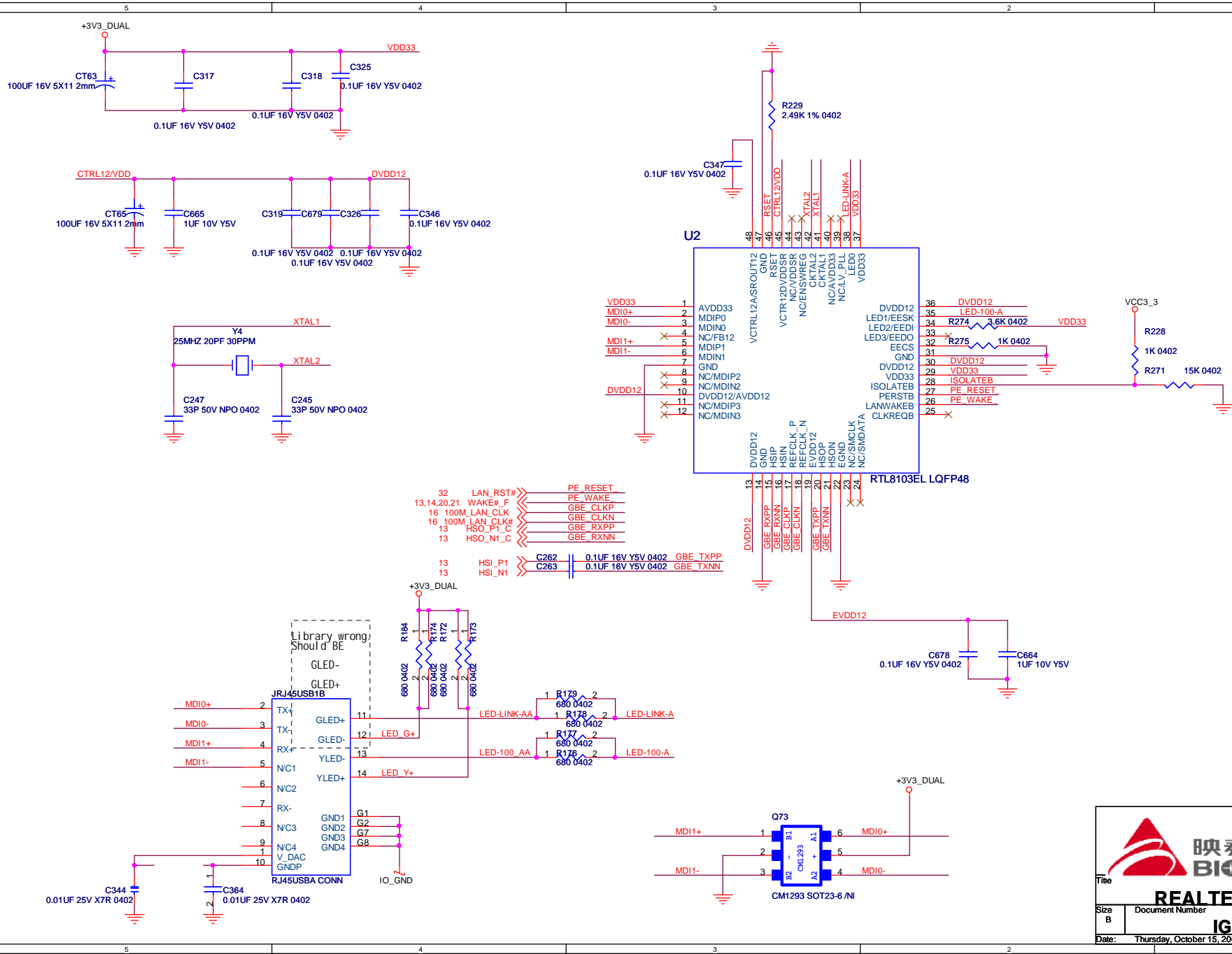


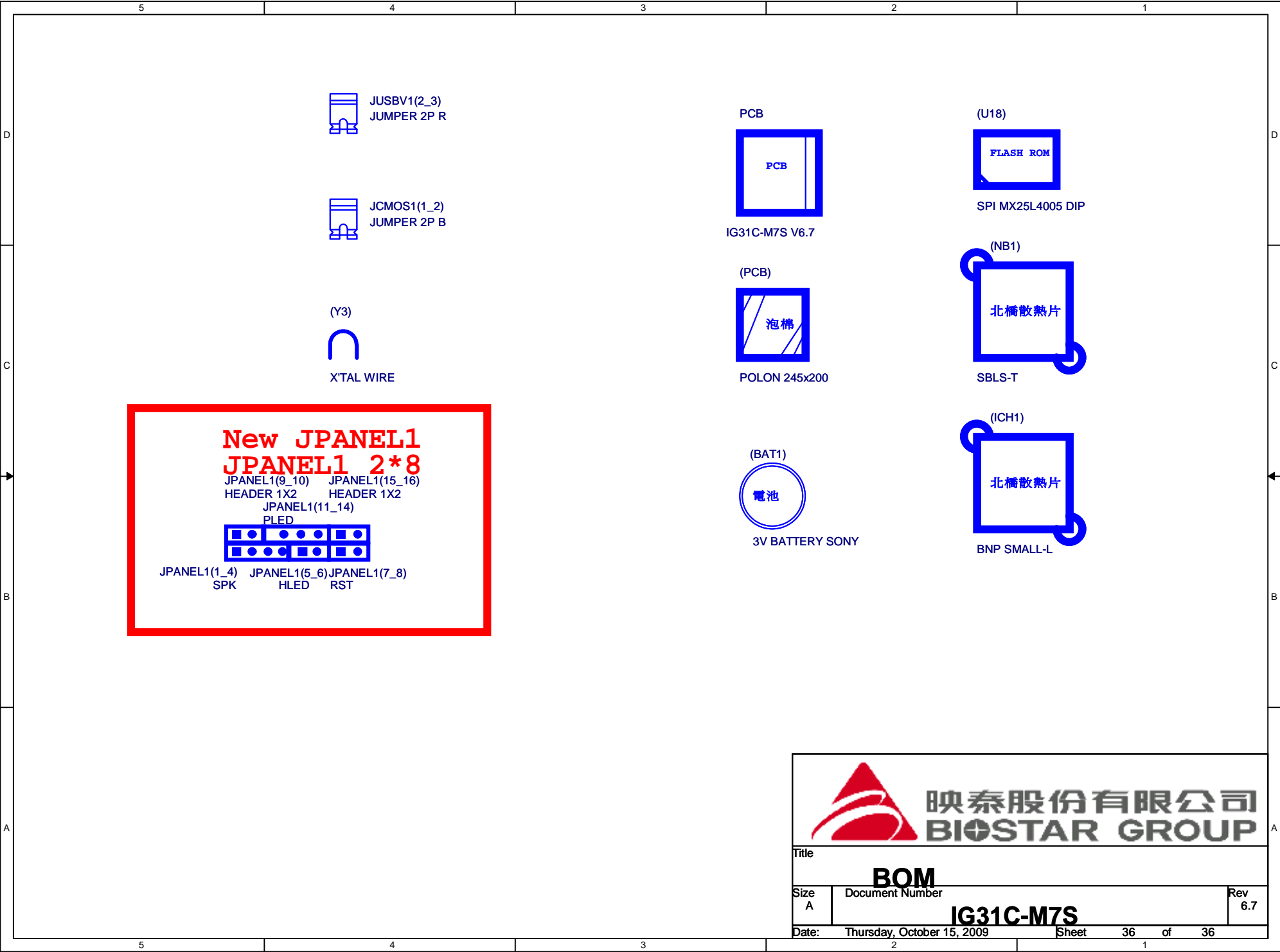
Voltage Sensing



Impedance Testing Coupon







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