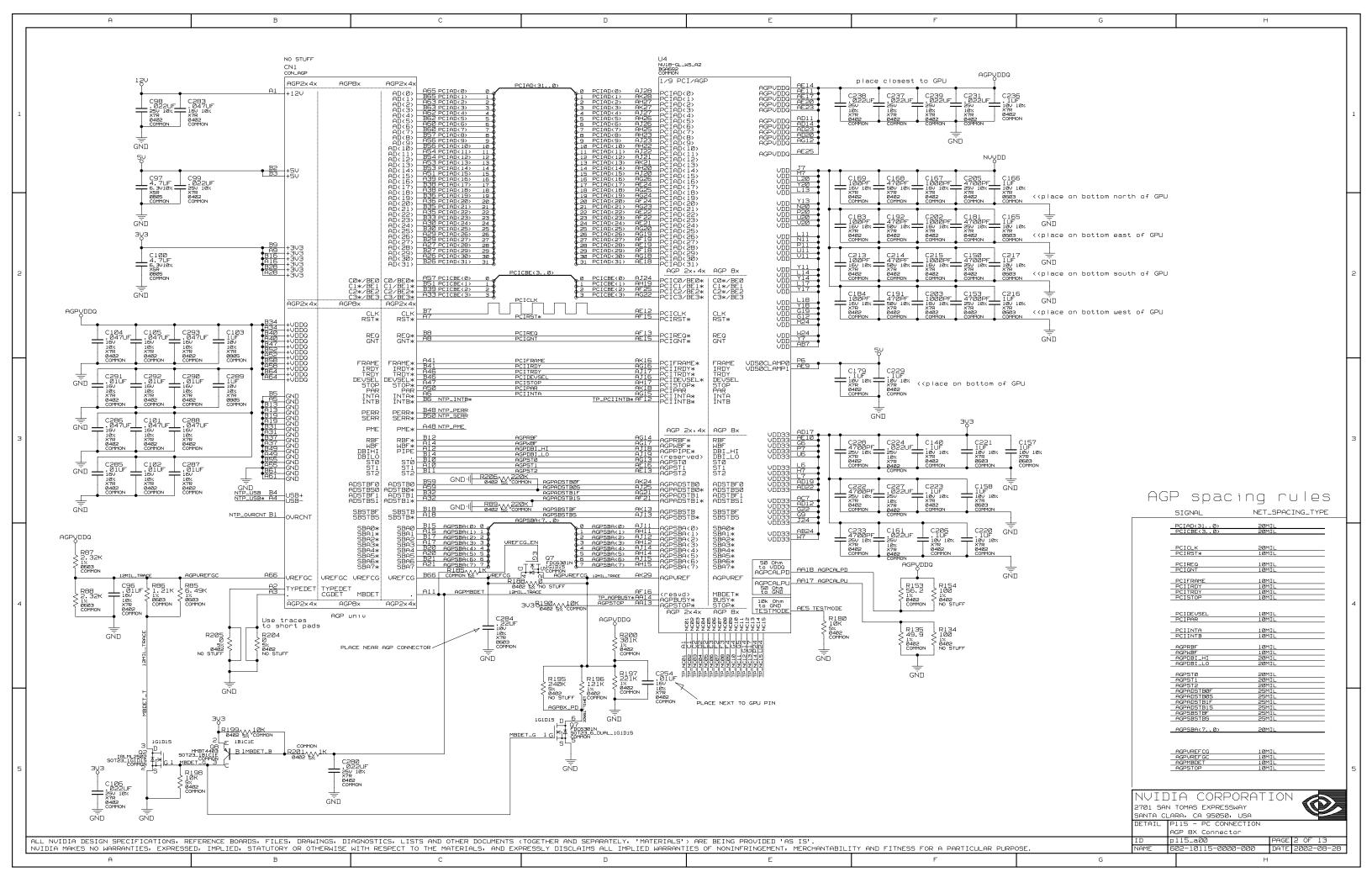
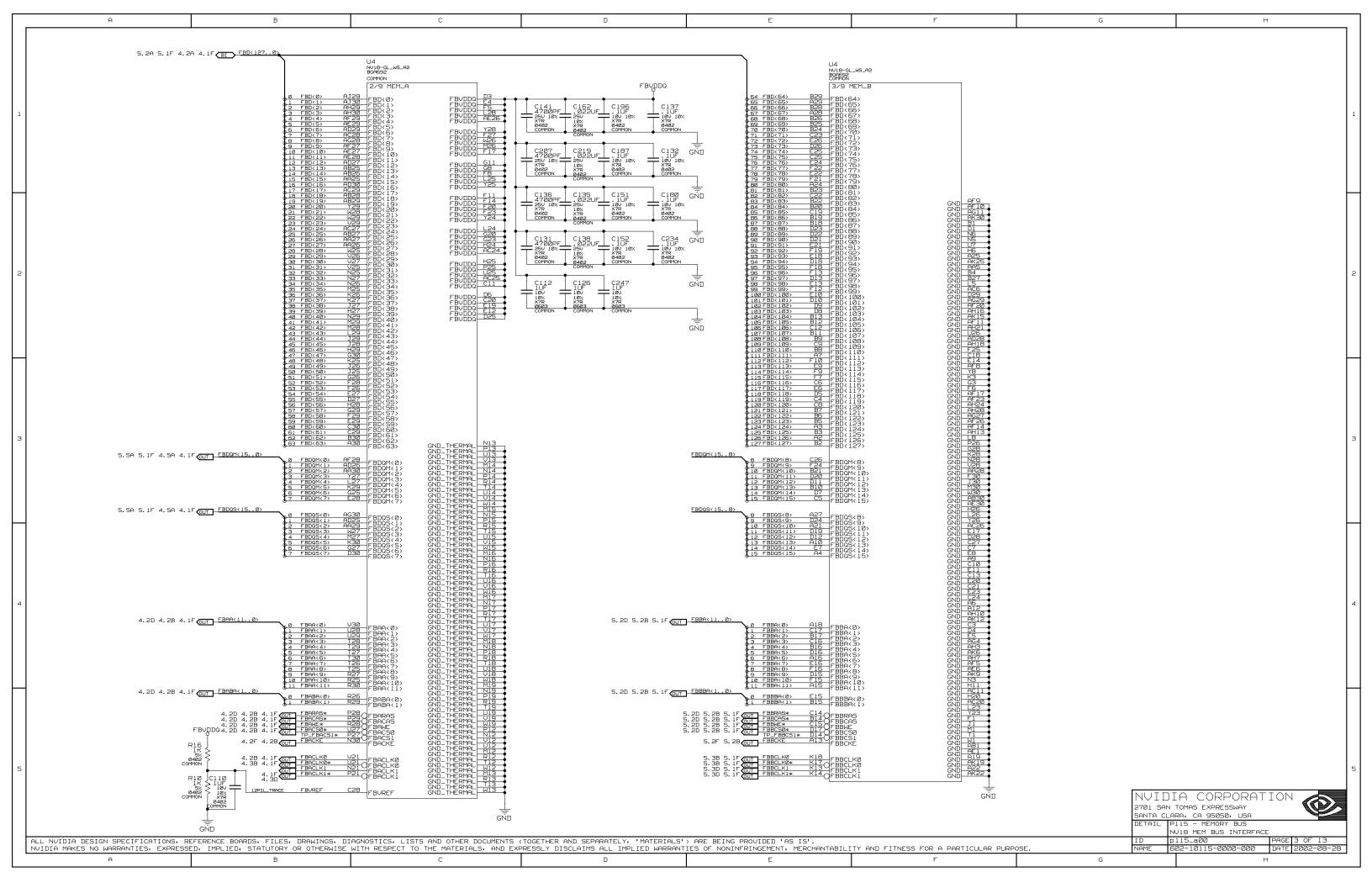
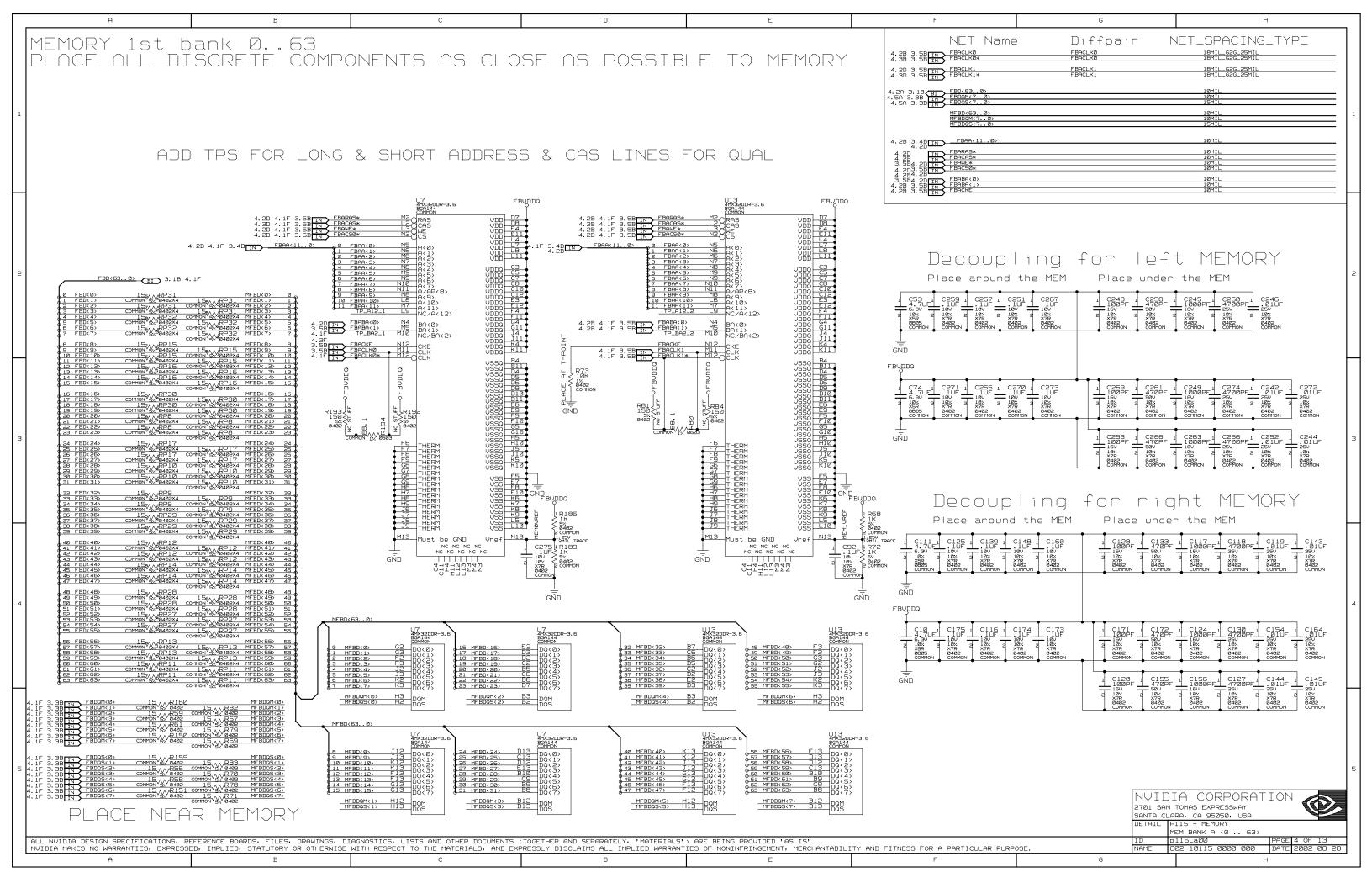
18P115, NV18GL, 64MB 128-BIT 4MX32-DDR, LFH, AGP8X-LP RRR: HISTORY: RRR: A: REPORT TO BOARD 180-10115-0000-A00 INITIAL VERSION Page Overview THE DESIGN IS BASED ON P113 WITH THE TMDS MOVE INTERNALLY, POWER SUPPLY CHANGES, AND REMOVAL OF TV OUT TO REDUCE COST. 1 OVERVIEW 2 AGP8X INTERFACE 3 NV18 MEMORY BUS INTERFACE 4 MEMORY BANK A Ø..63 5 MEMORY BANK B 64..127 6 EXTERNAL IO - LFH CONNECTOR 7 EXTERNAL IO - DAC A 8 EXTERNAL IO - DAC B 9 NV18 TMDS SECTION 10 POWER SUPPLIES 11 SIGNALS CROSS REFERENCE 12-13 PARTS CROSS REFERENCE SCHEMATIC BASE 602-10115-0000-RRR P115 WITH INTERNAL LFH OPTION NVIDIA CORPORATION 2701 SAN TOMAS EXPRESSWAY SANTA CLARA, CA 95050, USA OVERVIEW ALL NVIDIA DESIGN SPECIFICATIONS, REFERENCE BOARDS, FILES, DRAWINGS, DIAGNOSTICS, LISTS AND OTHER DOCUMENTS (TOGETHER AND SEPARATELY, 'MATERIALS') ARE BEING PROVIDED 'AS IS'.

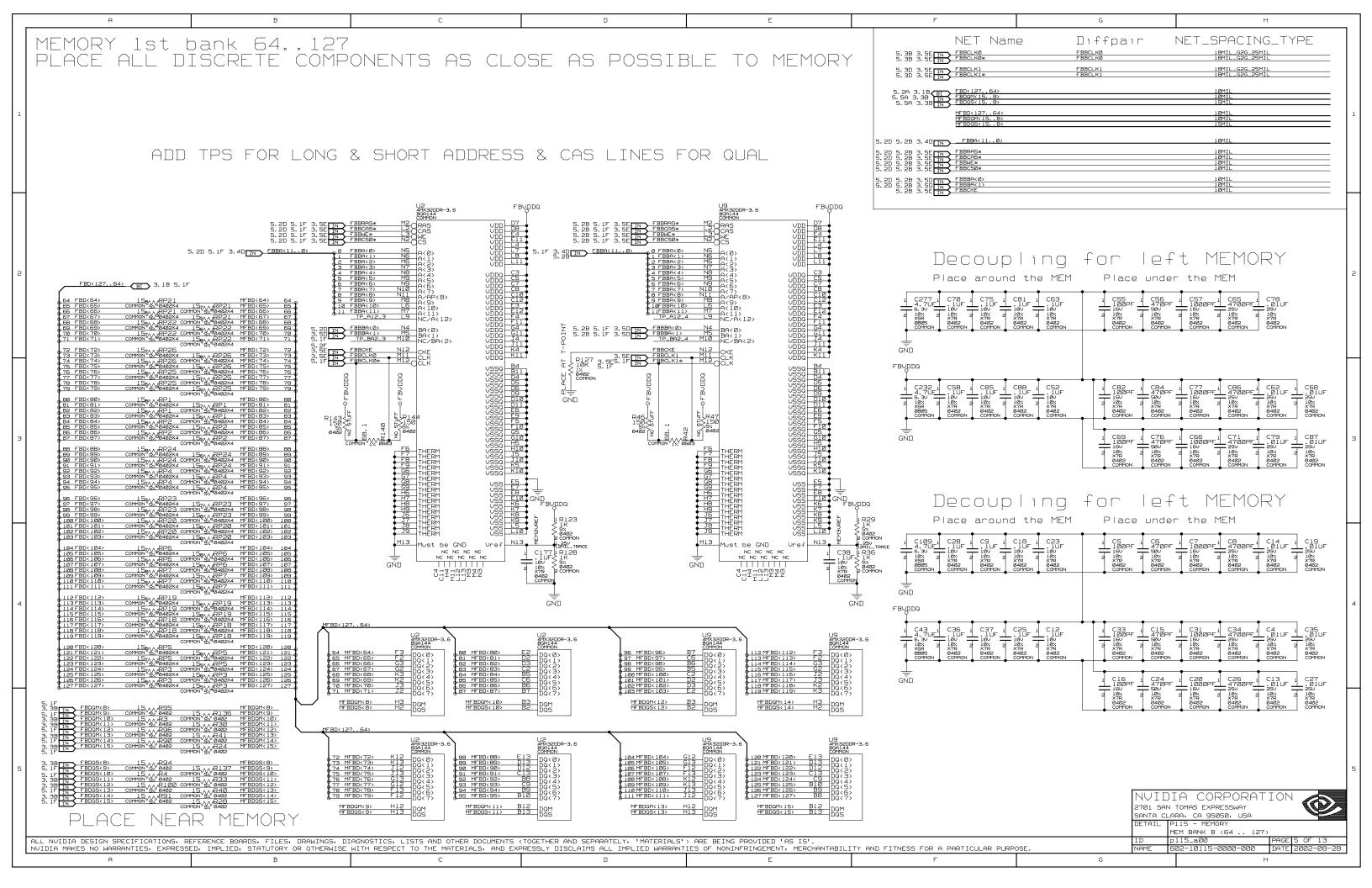
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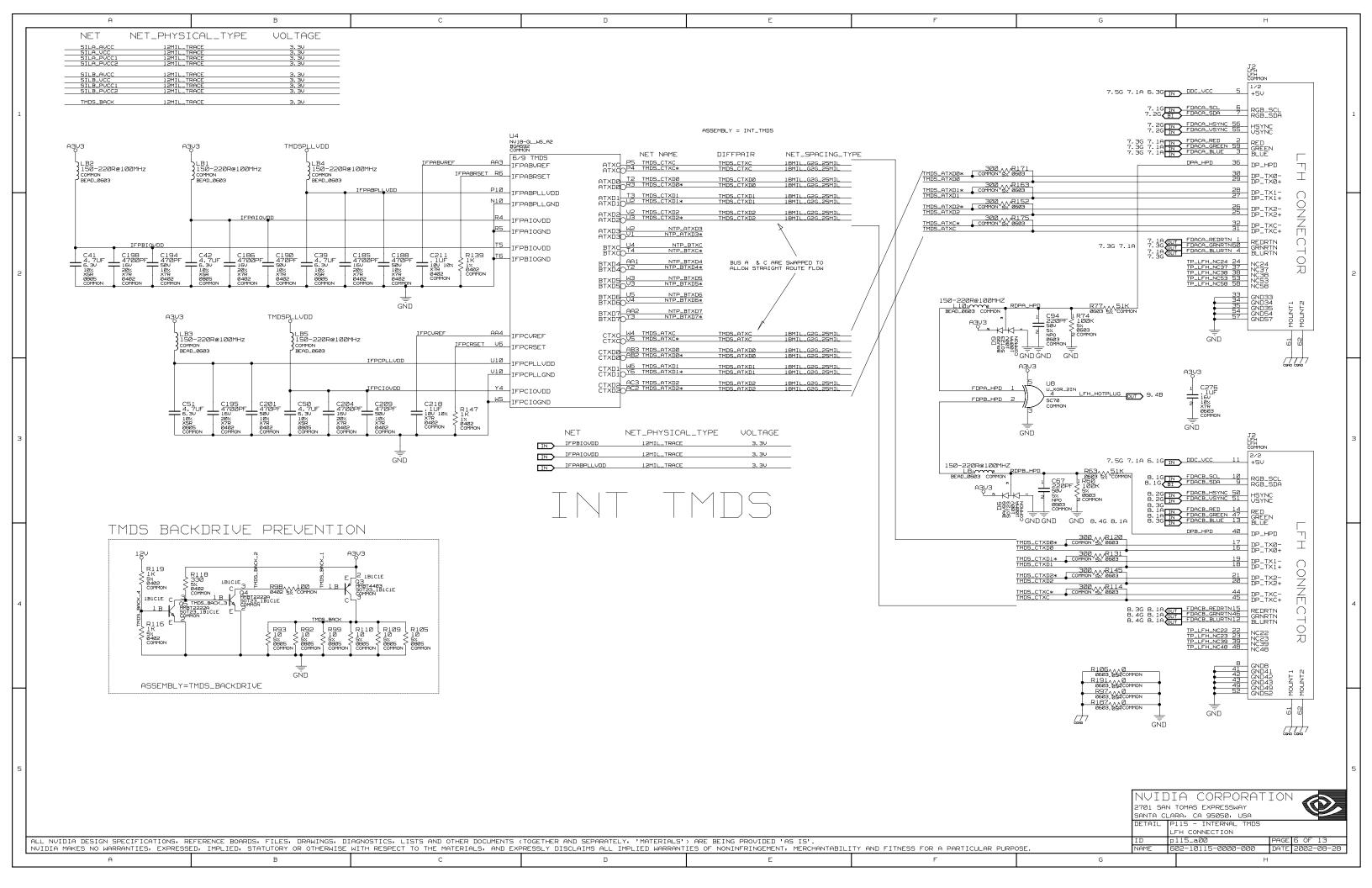
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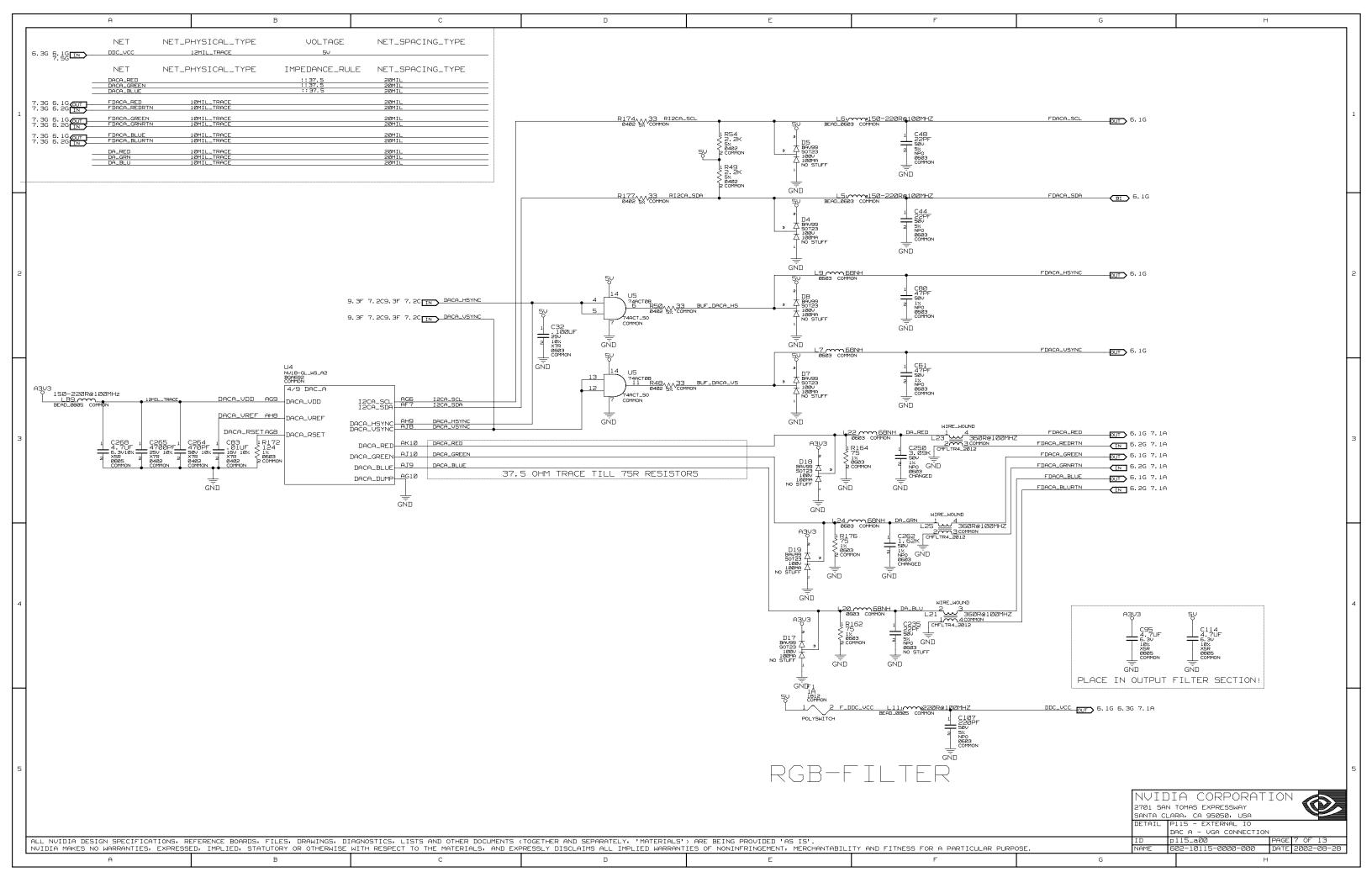


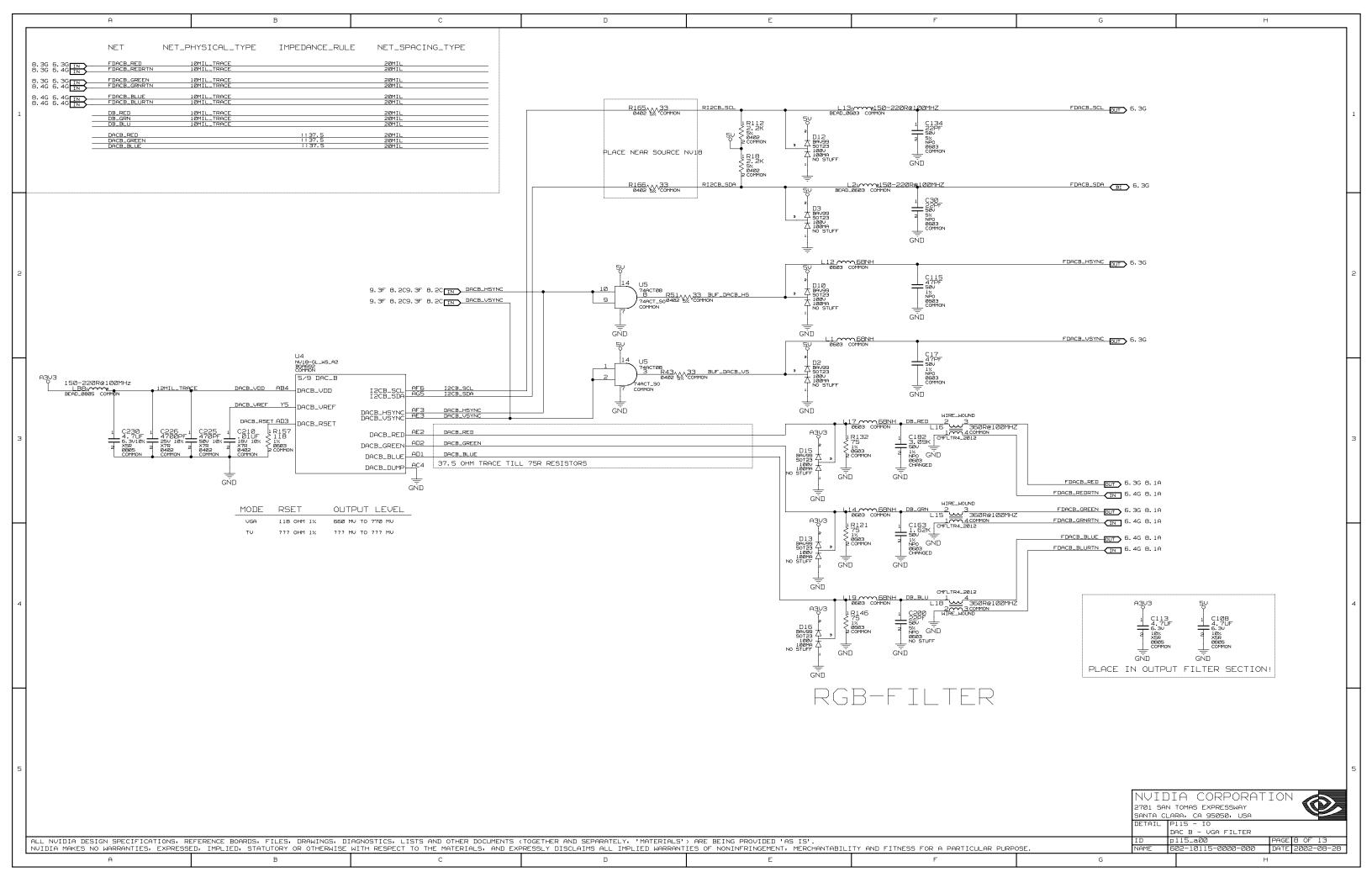


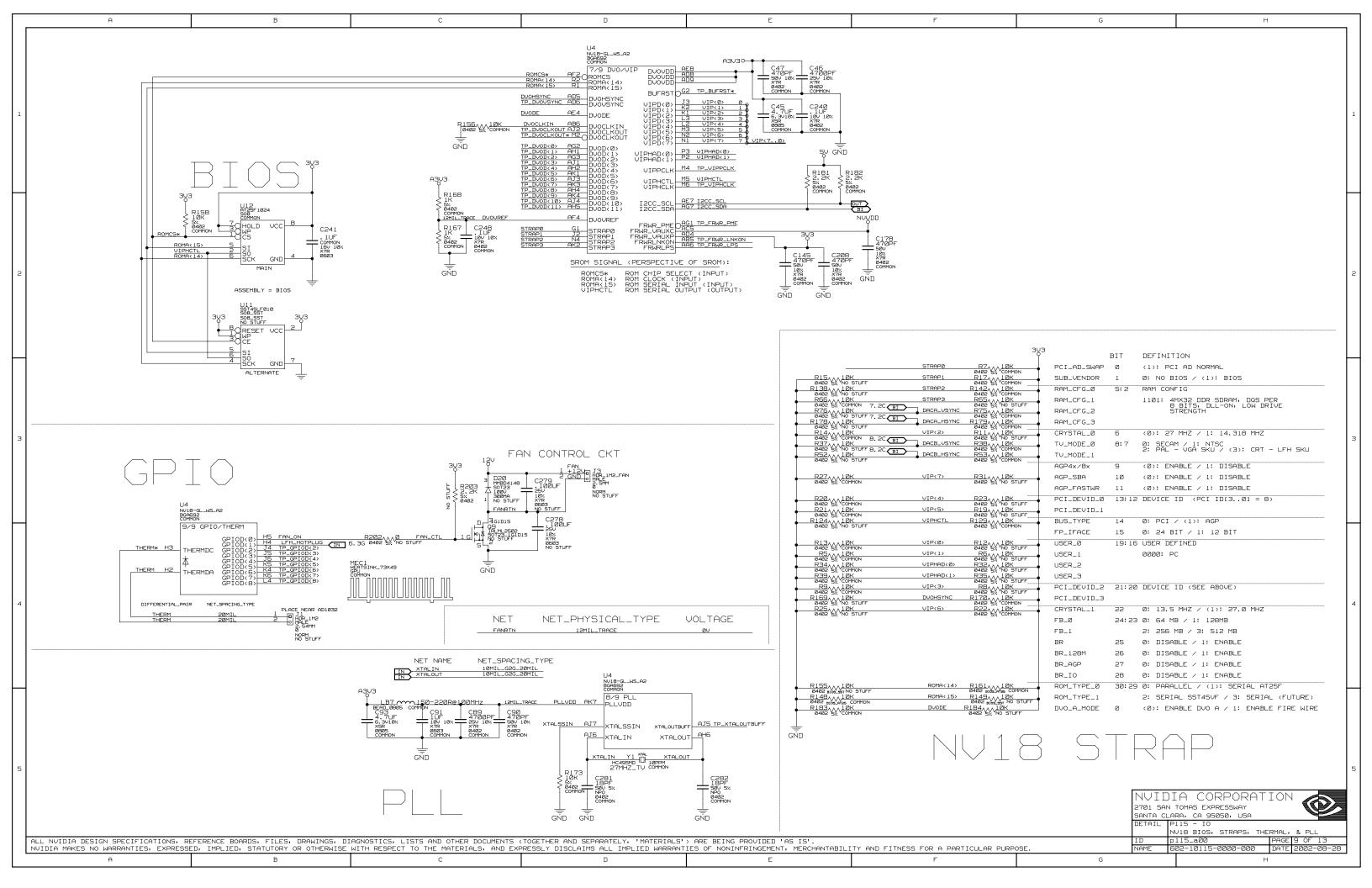


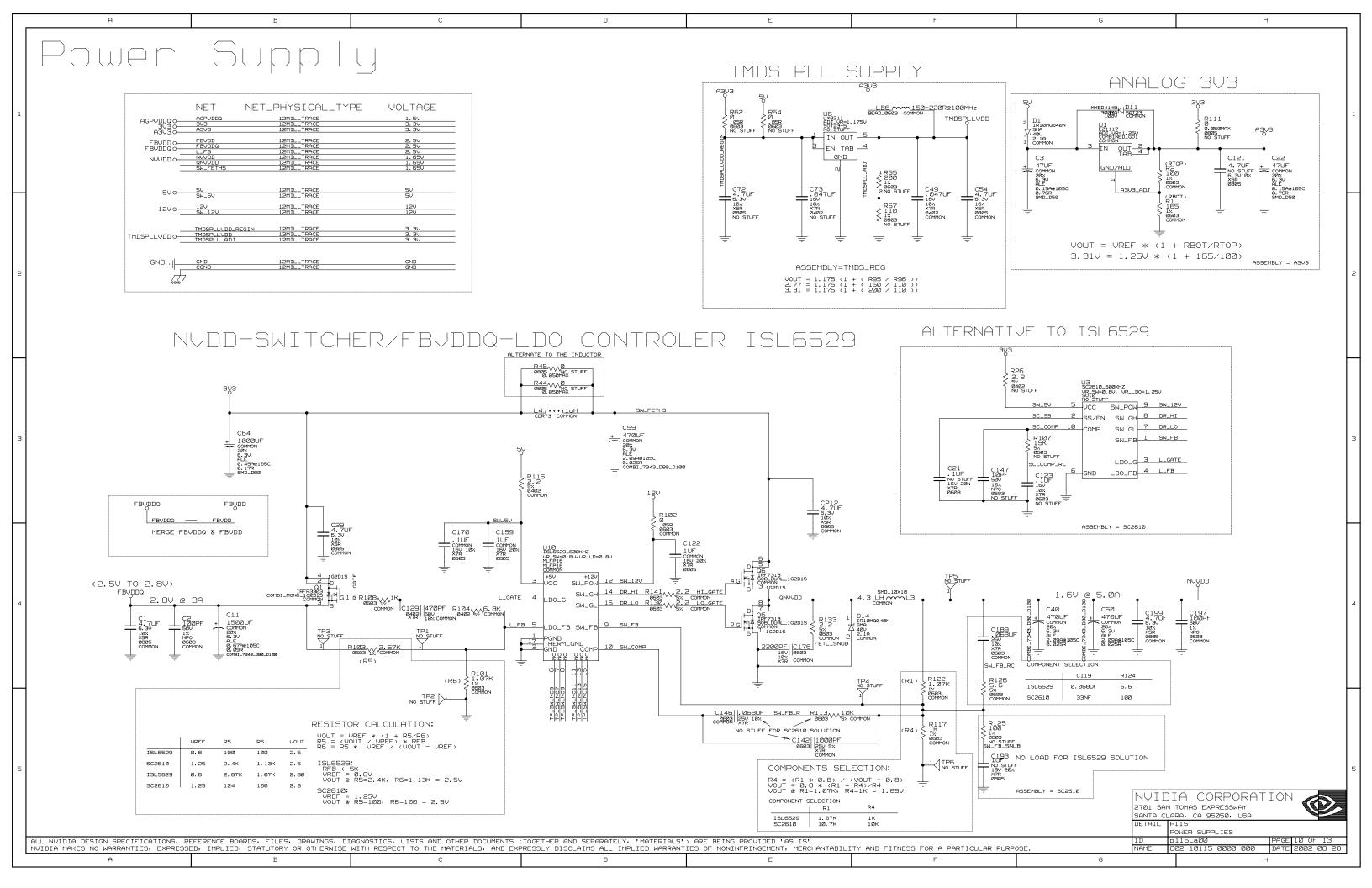












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_		A	В	С		О		E	F	G		Н	- , ∣
	*** Signal Cro	oss—Reference for the entire design **	* FBD<32>	3.1B 4.1F 4.2A	FBD<122>	3.1B 5.1F 5.2A							
	DACA_HSYNC	7.2C 9.3F	FBD<33> FBD<34>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBD<123> FBD<124>	3.1B 5.1F 5.2A 3.1B 5.1F 5.2A							
	DACA_VSYNC	7.2C 9.3F	FBD<35>	3.1B 4.1F 4.2A	FBD<125>	3.1B 5.1F 5.2A							
	DACB_HSYNC DACB_VSYNC	8.2C 9.3F 8.2C 9.3F	FBD<36> FBD<37>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBD<126> FBD<127>	3.1B 5.1F 5.2A 3.1B 5.1F 5.2A							,
1	DDC_VCC	5.1G 5.3G 7.1A 7.5G	FBD<38>	3.1B 4.1F 4.2A	FBDQM<Ø>	3.3B 4.1F 4.5A							1
	FBAA<0> FBAA<110>	3.4B 4.1F 4.2B 4.2D 3.4B 4.1F 4.2B 4.2D	FBD<39> FBD<40>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBDQM<7Ø> FBDQM<15Ø>	3.3B 4.1F 4.5A 3.3B 4.1F 4.5A 5.1F 5.5A	۹						
	FBAA<1> FBAA<2>	3.4B 4.1F 4.2B 4.2D 3.4B 4.1F 4.2B 4.2D	FBD<41> FBD<42>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBDQM<1> FBDQM<2>	3.3B 4.1F 4.5A 3.3B 4.1F 4.5A							
	FBAA<3>	3.4B 4.1F 4.2B 4.2D	FBD<43>	3.1B 4.1F 4.2A	FBDQM<3>	3.3B 4.1F 4.5A							
	FBAA<4> FBAA<5>	3.4B 4.1F 4.2B 4.2D 3.4B 4.1F 4.2B 4.2D	FBD<44> FBD<45>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBDQM<4> FBDQM<5>	3.3B 4.1F 4.5A 3.3B 4.1F 4.5A							
	FBAA<6> FBAA<7>	3.4B 4.1F 4.2B 4.2D	FBD<46> FBD<47>	3.1B 4.1F 4.2A	FBDQM<5> FBDQM<7>	3.3B 4.1F 4.5A							
	FBAA<8>	3.4B 4.1F 4.2B 4.2D 3.4B 4.1F 4.2B 4.2D	FBD<48>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBDQM(8)	3.3B 4.1F 4.5A 3.3B 5.1F 5.5A							
	FBAA<9> FBAA<10>	3.4B 4.1F 4.2B 4.2D 3.4B 4.1F 4.2B 4.2D	FBD<49> FBD<50>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBDQM<158> FBDQM<9>	3.3B 5.1F 5.5A 3.3B 5.1F 5.5A							
	FBAA<11>	3.4B 4.1F 4.2B 4.2D	FBD<51>	3.1B 4.1F 4.2A	FBDQM<1Ø>	3.3B 5.1F 5.5A							
	FBABA<0> FBABA<10>	3.5B 4.1F 4.2B 4.2D 3.5B 4.1F 4.2B 4.2D	FBD<52> FBD<53>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBDQM<11> FBDQM<12>	3.3B 5.1F 5.5A 3.3B 5.1F 5.5A							
	FBABA<1> FBACAS*	3.5B 4.1F 4.2B 4.2D 3.5B 4.1F 4.2B 4.2D	FBD<54> FBD<55>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBDQM<13> FBDQM<14>	3.3B 5.1F 5.5A 3.3B 5.1F 5.5A							
	FBACKE	3.5B 4.2B 4.2F	FBD<56>	3.1B 4.1F 4.2A	FBDQM<15>	3.3B 5.1F 5.5A							
ا ہے ا	FBACLKØ FBACLKØ*	3.5B 4.1F 4.2B 3.5B 4.1F 4.3B	FBD<57> FBD<58>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBDQS<0> FBDQS<70>	3.3B 4.1F 4.5A 3.3B 4.1F 4.5A							2
	FBACLK1 FBACLK1*	3.5B 4.1F 4.2D	FBD<59> FBD<60>	3.1B 4.1F 4.2A	FBDQS<15Ø>	3.3B 4.1F 4.5A 5.1F 5.5A	-						
	FBACSØ*	3.5B 4.1F 4.3D 3.5B 4.1F 4.2B 4.2D	FBD<61>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBDQS<1> FBDQS<2>	3.3B 4.1F 4.5A 3.3B 4.1F 4.5A							
	FBARAS* FBAWE*	3.5B 4.1F 4.2B 4.2D 3.5B 4.1F 4.2B 4.2D	FBD<62> FBD<63>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBDQS<3> FBDQS<4>	3.3B 4.1F 4.5A 3.3B 4.1F 4.5A							
	FBBA<Ø>	3.4D 5.1F 5.2B 5.2D	FBD<64>	3.1B 5.1F 5.2A	FBDQS<5>	3.3B 4.1F 4.5A							
	FBBA<110> FBBA<1>	3.4D 5.1F 5.2B 5.2D 3.4D 5.1F 5.2B 5.2D	FBD<12764> FBD<65>	3. 1B 5. 1F 5. 2A 3. 1B 5. 1F 5. 2A	FBDQS<5> FBDQS<7>	3.3B 4.1F 4.5A 3.3B 4.1F 4.5A							
H	FBBA<2> FBBA<3>	3.4D 5.1F 5.2B 5.2D 3.4D 5.1F 5.2B 5.2D	FBD<66> FBD<67>	3.18 5.1F 5.2A 3.18 5.1F 5.2A	FBDQS<8> FBDQS<158>	3.3B 5.1F 5.5A 3.3B 5.1F 5.5A							H
	FBBA<4>	3.4D 5.1F 5.2B 5.2D	FBD<68>	3.1B 5.1F 5.2A	FBDQS<9>	3.3B 5.1F 5.5A							
	FBBA<5> FBBA<6>	3.4D 5.1F 5.2B 5.2D 3.4D 5.1F 5.2B 5.2D	FBD<69> FBD<70>	3.1B 5.1F 5.2A 3.1B 5.1F 5.2A	FBDQS<10> FBDQS<11>	3.3B 5.1F 5.5A 3.3B 5.1F 5.5A							
	FBBA<7>	3.4D 5.1F 5.2B 5.2D 3.4D 5.1F 5.2B 5.2D	FBD<71>	3. 1B 5. 1F 5. 2A 3. 1B 5. 1F 5. 2A	FBDQS<12> FBDQS<13>	3.3B 5.1F 5.5A							
	FBBA<9>	3.4D 5.1F 5.2B 5.2D	FBD<73>	3.1B 5.1F 5.2A	FBDQS(14)	3.3B 5.1F 5.5A 3.3B 5.1F 5.5A							
	FBBA<10> FBBA<11>	3.4D 5.1F 5.2B 5.2D 3.4D 5.1F 5.2B 5.2D	FBD<74>	3. 1B 5. 1F 5. 2A 3. 1B 5. 1F 5. 2A	FBDQS<15> FDACA_BLUE	3.3B 5.1F 5.5A 6.1G 7.1A 7.3G							
3	FBBBA<Ø>	3.5D 5.1F 5.2B 5.2D	FBD<76>	3.1B 5.1F 5.2A	FDACA_BLURTN	6.2G 7.1A 7.3G							3
	FBBBA<10> FBBBA<1>	3.5D 5.1F 5.2B 5.2D 3.5D 5.1F 5.2B 5.2D	FBD<77> FBD<78>	3.18 5.1F 5.2A 3.18 5.1F 5.2A	FDACA_GREEN FDACA_GRNRTN	5.1G 7.1A 7.3G 5.2G 7.1A 7.3G							
	FBBCAS* FBBCKE	3.5E 5.1F 5.2B 5.2D 3.5E 5.2B 5.2F	FBD<79> FBD<80>	3.18 5.1F 5.2A 3.18 5.1F 5.2A	FDACA_HSYNC FDACA_RED	5.1G 7.2G 5.1G 7.1A 7.3G							
	FBBCLKØ	3.5E 5.1F 5.3B	FBD<81>	3.1B 5.1F 5.2A	FDACA_REDRTN	6.2G 7.1A 7.3G							
	FBBCLKØ* FBBCLK1	3.5E 5.1F 5.3B 3.5E 5.1F 5.3D	FBD<82> FBD<83>	3.18 5.1F 5.2A 3.1B 5.1F 5.2A	FDACA_SCL FDACA_SDA	5.1G 7.1G 5.1G 7.2G							
	FBBCLK1* FBBCSØ*	3.5E 5.1F 5.3D	FBD<84> FBD<85>	3.1B 5.1F 5.2A	FDACA_VSYNC								
Ш	FBBRAS*	3.5E 5.1F 5.2B 5.2D 3.5E 5.1F 5.2B 5.2D	FBD<86>	3.18 5.1F 5.2A 3.1B 5.1F 5.2A		5.4G 8.1A 8.4G							
	FBBWE* FBD<0>	3.5E 5.1F 5.2B 5.2D 3.1B 4.1F 4.2A	FBD<87>	3. 1B 5. 1F 5. 2A 3. 1B 5. 1F 5. 2A	FDACB_GREEN FDACB_GRNRTN	5.3G 8.1A 8.3G 5.4G 8.1A 8.4G							
	FBD<630>	3.1B 4.1F 4.2A	FBD<89> FBD<90>	3. 1B 5. 1F 5. 2A 3. 1B 5. 1F 5. 2A	FDACB_HSYNC	6.3G 8.2G 6.3G 8.1A 8.3G							
	FBD<1270> FBD<1>	3.1B 4.1F 4.2A 5.1F 5.2A 3.1B 4.1F 4.2A	FBD<91>	3.1B 5.1F 5.2A	FDACB_RED FDACB_REDRTN	6.4G 8.1A 8.3G							
	FBD<2> FBD<3>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBD<92> FBD<93>	3.18 5.1F 5.2A 3.18 5.1F 5.2A	FDACB_SCL FDACB_SDA	5.3G 8.1G 5.3G 8.1G							
	FBD<4>	3.1B 4.1F 4.2A	FBD<94>	3.1B 5.1F 5.2A	FDACB_VSYNC	6.3G B.2G							
	FBD<5> FBD<6>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBD<95> FBD<96>	3.18 5.1F 5.2A 3.1B 5.1F 5.2A	I2CC_SCL I2CC_SDA	9. 2F 9. 2F							
	FBD<7> FBD<8>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBD<97> FBD<98>	3.18 5.1F 5.2A 3.18 5.1F 5.2A	IFPABPLLVDD IFPAIOVDD	6.3D 6.3D							
	FBD<9>	3.1B 4.1F 4.2A	FBD<99>	3.1B 5.1F 5.2A	IFPBIOVDD	6.3D							
	FBD<10> FBD<11>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBD<100> FBD<101>	3.18 5.1F 5.2A 3.1B 5.1F 5.2A	LFH_HOTPLUG XTALIN	6.3G 9.4B 9.4C							
	FBD<12> FBD<13>	3.18 4.1F 4.2A 3.18 4.1F 4.2A	FBD<102> FBD<103>	3.18 5.1F 5.2A 3.18 5.1F 5.2A	XTALOUT	9. 4C							
	FBD<14>	3.1B 4.1F 4.2A	FBD<104>	3.1B 5.1F 5.2A									
	FBD<15> FBD<16>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBD<105> FBD<106>	3. 1B 5. 1F 5. 2A 3. 1B 5. 1F 5. 2A									
\Box	FBD<17>	3.1B 4.1F 4.2A	FBD<107> FBD<108>	3.1B 5.1F 5.2A									H
	FBD<19>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBD<109>	3.18 5.1F 5.2A 3.1B 5.1F 5.2A									
	FBD<20> FBD<21>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBD<110> FBD<111>	3.18 5.1F 5.2A 3.18 5.1F 5.2A									
	FBD<22>	3.1B 4.1F 4.2A	FBD<112>	3.1B 5.1F 5.2A									
	FBD<23> FBD<24>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBD<113> FBD<114>	3. 1B 5. 1F 5. 2A 3. 1B 5. 1F 5. 2A									
	FBD<25> FBD<26>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBD<115> FBD<116>	3.18 5.1F 5.2A 3.18 5.1F 5.2A									
5	FBD<27>	3.1B 4.1F 4.2A	FBD<117>	3.1B 5.1F 5.2A									5
	FBD<28> FBD<29>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBD<118> FBD<119>	3.18 5.1F 5.2A 3.18 5.1F 5.2A									
	FBD<30> FBD<31>	3.1B 4.1F 4.2A 3.1B 4.1F 4.2A	FBD<120> FBD<121>	3. 1B 5. 1F 5. 2A 3. 1B 5. 1F 5. 2A							NVIDIA CORP	ORATION 🧥	
	, 25,31,			2.22 3.2. 3.2.							2701 SAN TOMAS EXPRESS SANTA CLARA, CA 95050,		2
											DETAIL DRAWING DETAIL CONTINUED		7
				JIAGNOSTICS, LISTS AND OTHER DOCUMENTS							ID p115_a00	PAGE 11 OF 13	
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A	П я	С	Д	E F	G	Н
Part Cross-Reference for the en		9.5C	C181 C 2.2F	C272 C 4.3H		
C 10.4A	C91 C C92 C	9. 5C 4. 4E	C182 C 8.3F C183 C 2.2E	C273 C 4.3G C274 C 4.3H		
C 10.4A C_POL 10.1G	C93 C C94 C	9. 5C 6. 2G	C184 C 2.2E C185 C 5.2B	C275 C 4.4D C276 C 5.3H		
C 5. 4H C 5. 4G	C95 C C96 C	7. 4G 2. 4A	C186 C 6.28 C187 C 3.1D	C277 C 5.2F C278 C 9.3D		
C 5. 4G C 5. 4H	C97 C C98 C	2.1A 2.1A	C188 C 5.2C C189 C 10.4F	C279 C 9.3D C280 C 2.5B		
C 5. 4H C 5. 4F	C99 C	2. 1A 2. 2A	C190 C 6.2B C191 C 2.2F	C281 C 9.5D C282 C 9.5E		
C 4.4F	C1Ø1 C	2.3A	C192 C 2.2F	C283 C 2.1A		
C_POL 10.4B C 5.4G	C102 C C103 C	2.3A 2.2B	C193 C 10.5F C194 C 5.2A	C284 C 2.4C C285 C 2.3A		
C 5. 4H C 5. 4H	C104 C C105 C	2. 2A 2. 2A	C195 C 6.3B C196 C 3.1D	C286 C 2.3A C287 C 2.3A		
C 5. 4G C 5. 4G	C106 C C107 C	2.5A 7.5F	C197 C 10.4H C198 C 5.2A	C288 C 2.3A C289 C 2.3B		
C B. 2F C 5. 4F	C108 C	8. 4H 5. 4F	C199 C 10.4G C200 C 8.4F	C29Ø C 2.3A C291 C 2.3A		
C 5. 4H C 5. 4H	C11Ø C C111 C	3. 5B 4. 4F	C201 C 5.3B C202 C 2.2F	C292 C 2.3A C293 C 2.2A		
C 10.3F	C112 C	3.2D	C203 C 2.2F	CN1 CON_AGP 2.1B		
C_POL 10.1H C 5.4G	C113 C C114 C	8. 4G 7. 4H	C204 C 5.3B C205 C 2.1F	D2 D_3PIN_AC 8.3E		
C 5.4G C 5.4F	C115 C C116 C	8. 2F 4. 4F	C206 C 2.4F C207 C 3.1D	D3 D_3PIN_AC 8.2E D4 D_3PIN_AC 7.2E		
C 5. 4H C 5. 4H	C117 C C118 C	4. 4H 4. 4H	C208 C 9.2E C209 C 5.3C	D5 D_3PIN_AC 7.1E D6 D_3PIN_AC 6.3F		
C 5. 4F C 10. 4B	C119 C C120 C	4. 4H 4. 4G	C210 C 8.3B C211 C 5.2C	D7 D_3PIN_AC 7.3E D8 D_3PIN_AC 7.2E		
C 8.2F	C121 C	10. 1H 10. 4D	C212 C 10.3E	D9 D_3PIN_AC 6.2F		
C 7.2D	C122 C C123 C	10.3G	C213 C 2.2E C214 C 2.2F	D11 D 10.1G		
C 5. 4G C 5. 4H	C124 C C125 C	4. 4H 4. 4F	C215 C 2.2F C216 C 2.2F	D12 D_3PIN_AC 8.1E D13 D_3PIN_AC 8.4E		
C 5.4H C 5.4F	C126 C C127 C	3. 2D 4. 4H	C217 C 2.2F C218 C 5.3C	D14 D_SCHOTTKY 10.4F D15 D_3PIN_AC 8.3E		
C 5.4F C 5.4E	C128 C C129 C	4. 4G 1Ø. 4C	C219 C 3.1D C220 C 2.4F	D16 D_3PIN_AC 8.4E D17 D_3PIN_AC 7.4E		
C 5. 2B C_POL 10. 4G	C130 C C131 C	4. 4H 3. 2D	C221 C 2.3F C222 C 2.3E	D18 D_3PIN_AC 7.3E D19 D_3PIN_AC 7.4E		
C 6.2A	C132 C	3.1D	C223 C 2.3F	D2Ø D 9.3C		
C 5. 2B C 5. 4F	C133 C C134 C	4. 4G B. 1F	C224 C 2.3F C225 C 8.3B	F1 F_POLYSW 7.5E J1 HDR_1X2 9.4B		
C 7.2F C 9.1E	C135 C C136 C	3. 2D 3. 2D	C226 C 8.3A C227 C 2.3F	J2 CON_LFH 6.1H 6.3H J3 HDR_1X2 9.3D		
C 9.1E C 9.1E	C137 C C138 C	3.1D 3.2D	C228 C 2.3E C229 C 2.3F	L1 L 8.2E L2 L 8.1F		
C 7.1F C 10.1F	C139 C C14Ø C	4. 4F 2. 3F	C230 C 8.3A C231 C 2.1F	L3 L 10.4F L4 L 10.3D		
C 6.3B C 6.3A	C141 C C142 C	3.1D 10.5E	C232 C 5.3F	L5 L 7.2E		
C 5.3G	C143 C	4. 4H	C234 C 3.2D	L6 L 7.1E L7 L 7.2E		
C 4.2F C 10.1F	C144 C C145 C	4.4H 9.2E	C235 C 7.4F C236 C 2.1F	L8 L 5.3F L9 L 7.2E		
C 5.2G C 5.2G	C145 C C147 C	10.5E 10.3F	C237 C 2.1F C238 C 2.1E	L10 L 6.2F L11 L 7.5F		
C 5.2H C 5.3F	C148 C C149 C	4. 4F 4. 4H	C239 C 2.1F C240 C 9.1E	L12 L 8.2E L13 L 8.1F		
C_POL 10.3D C_POL 10.4G	C15Ø C C151 C	2.2F 3.2D	C241 C 9. 2B C242 C 4. 3H	L14 L 8.3F L15 L_CMF_4P 8.3F		
C 7.3F	C152 C	3.2D	C243 C 4.2G	L16 L_CMF_4P 8.3F		
C 5.3H C 5.2G	C153 C C154 C	2. 2F 4. 4H	C244 C 4.3H C245 C 4.2H	L17 L 8.3F L18 L_CMF_4P 8.4F		
C_POL 10.3B C 5.2H	C155 C C156 C	4. 4G 4. 4H	C245 C 4.2H C247 C 3.2D	L19 L 8.4F L20 L 7.4F		
C 5.3H C 6.3G	C157 C C158 C	2.3G 2.3F	C248 C 9. 2C C249 C 4. 3H	L21 L_CMF_4P 7.4F L22 L 7.3F		
C 5.3H C 5.3G	C159 C C160 C	10.4C 4.4G	C250 C 7.3F C251 C 4.2F	L23 L_CMF_4P 7.3F L24 L 7.3E		
C 5.2F C 5.3H	C161 C C162 C	2. 4F 3. 1D	C252 C 4. 3H C253 C 4. 3G	L25 L_CMF_4P 7.4F LB1 L 5.1B		
C 10.1E	C162 C C163 C C164 C	8. 4F 4. 4H	C254 C 2. 4D C255 C 4. 3F	LB2 L 6.1A		
C 4.3F	C165 C	2.2F	C256 C 4.3H	LB4 L 6.1B		
C 5.2F C 5.3G	C166 C C167 C	2.1F 2.1F	C257 C 4.2F C258 C 4.2G	LB5 L 6.2B LB6 L 10.1F		
C 5.3H C 5.2H	C168 C C169 C	2. 1F 2. 1E	C259 C 4.2F C260 C 4.2H	LB7 L 9.5C LB8 L 8.3A		
C 5.3H C 7.2F	C17Ø C C171 C	10.4C 4.4G	C261 C 4.3G C262 C 7.4F	LB9 L 7.3A MEC1 HEATSINK 9.4B		
C 5. 2F C 5. 3G	C172 C C173 C	4. 4G 4. 4G	C263 C 4.3H C264 C 7.3A	01		
C 7.3B	C174 C	4.4F	C265 C 7.3A	Q3 Q_PNP 6.4B		
C 5.3G C 5.3F	C175 C C176 C	4. 4F 10. 4E	C266 C 4.3G C267 C 4.2G	Q4 Q_NPN 5.4B Q5 Q_NPN 5.4A		
C 5.3H C 5.3H	C177 C C178 C	5. 4D 9. 2F	C258 C 7.3A C259 C 4.3G	Q6 Q_FET_N_ENH 10.4E Q7 Q_FET_N_ENH 2.4D 2.5D		
C 5.3F C 9.5C	C179 C C180 C	2. 3E 3. 2D	C270 C 4.3F C271 C 4.3F	08		IA CORPORATION
					SANTA CLE	TOMAS EXPRESSWAY ARA, CA 95050, USA
						DRAWING DETAIL CONTINUED
						0115_a00 PAGE 12 OF

Α	В	С	а	E	F	G	н
н			п	Ē.			
							Ì
R1 R 10.2G	R92 R	6. 4B	R183 R 9.5E				
R2 R 10.1G R3 R 5.5A	R93 R R94 R	6. 4B 5. 5A	R184 R 9.5F R185 R 2.4C				
R4 R 5.5A R5 R 9.4E	R95 R R96 R	5. 5A 5. 5A	R186 R 4.3D R187 R 6.5G				
1 R6 R 9.4F R7 R 9.3F	R97 R R98 R	6. 5G 6. 4B	R188 R 2.4D R189 R 4.4D				
R8 R 9.4F R9 R 9.4E	R99 R R100 R	6. 4B 5. 5A	R190 R 2.4D R191 R 6.4G				
R10 R 3.5B R11 R 9.3F	R101 R R102 R	10. 4C 10. 3D	R192 R 4.3C R193 R 4.3B				
R12 R 9.4F R13 R 9.4E	R103 R R104 R	10. 4C 10. 4C	R194 R 4.3C R195 R 2.4D				
R14 R 9.3E R15 R 9.3E	R105 R R106 R	5. 4C 5. 4G	R196 R 2.4D R197 R 2.4D				
R16 R 3.5B	R107 R R108 R	10. 3G 10. 4C	R198 R 2.5A R199 R 2.5B				
R18 R 8.1E R19 R 9.3F	R109 R R110 R	6. 4C 6. 4C	R200 R 2.4D R201 R 2.5B				
R20 R 9.3E R21 R 9.3E	R111 R R112 R	10. 1H B. 1E	R202 R 9.4C R203 R 9.3C				
R22 R 9.4F R23 R 9.3F R24 R 5.5B	R113 R R114 R	10. 5E 6. 4G	R204 R 2.4B R205 R 2.4B R206 R 2.3C				
R24 R 5.5B R25 R 9.4E R26 R 10.3F	R115 R R116 R R117 R	10. 3D 6. 4A 10. 5F	R205 R 2.3C RP1 R_PAK 5.3A 5.3A 5.3B RP2 R_PAK 5.3A 5.3B				
R26 R 10.3F R27 R 9.3E R28 R 5.5B	R117 R R118 R R119 R	10.5F 6.4B 6.4A	RP2 R_PAK 5.3A 5.3B RP3 R_PAK 5.4A 5.4B RP4 R_PAK 5.3A 5.3B				
R28 R 5.5B R29 R 5.3F R30 R 5.5B	R119 R R120 R R121 R	6. 4G 8. 4F	RP4 R_PAK 5.3A 5.3B RP5 R_PAK 5.4A 5.4B RP6 R_PAK 5.4A 5.4B				
R31 R 9.3F R32 R 9.4F	R121 R R122 R R123 R	6. 4F 10. 4F 5. 3D	RPB R_PAK 5.4A 5.4B RP8 R_PAK 4.3A 4.3B				Ì
R32 R 9.4F R33 R 5.5B R34 R 9.4E	R123 R R124 R R125 R	9. 3E 10. 5F	RP9 R_PAK 4.3A 4.3B 4.3B RP10 R_PAK 4.3A 4.3B				Ì
R35 R 9.4F R36 R 5.4F	R125 R R126 R R127 R	10.4F 5.3D	RP11 R_PAK 4.4A 4.4B RP12 R_PAK 4.4A 4.4B				Ì
R37 R 9.3E R38 R 9.3F	R128 R R129 R	5. 4D 9. 3F	RP13 R_PAK 4.4A 4.4B RP14 R_PAK 4.4A 4.4B				
R39 R 9.4E R40 R 5.5B	R130 R R131 R	10.4D 6.4G	RP15 R_PAK 4.2A 4.2B 4.3B RP16 R_PAK 4.3A 4.3B				
R41 R 5.5B R42 R 5.3E	R132 R R133 R	8. 3F 10. 4E	RP17 R_PAK 4.3A 4.3B RP18 R_PAK 5.4A 5.4B				
R43 R B.3D R44 R 10.3D	R134 R R135 R	2. 4F 2. 4F	RP19 R_PAK 5.4A 5.4B RP20 R_PAK 5.3A 5.4A 5.4B				
R45 R 10.3D R46 R 5.3D	R136 R R137 R	5.5B 5.5B	RP21 R_PAK 5.2A 5.2B RP22 R_PAK 5.2A 5.2B				
R47 R 5.3E R48 R 7.3D	R138 R R139 R	9. 3E 6. 2C	RP23 R_PAK 5.3A 5.3B 5.3B RP24 R_PAK 5.3A 5.3B				
R49 R 7.1E R50 R 7.2D	R140 R R141 R	5.3C 10.4D	RP25 R_PAK 5.3A 5.3B RP26 R_PAK 5.2A 5.2B 5.3A 5.3B				
R51 R 8.2D R52 R 9.3E	R142 R R143 R	9. 3F 5. 3B	RP27 R_PAK 4.4A 4.4B RP28 R_PAK 4.4A 4.4B				
R53 R 9.3F R54 R 7.1E	R144 R R145 R	5. 3C 6. 4G	RP29 R_PAK 4.3A 4.3B 4.4A 4.4B RP30 R_PAK 4.3A 4.3A 4.3B				
R55 R 10.1F R56 R 4.5A	R146 R R147 R	8. 4F 6. 3C	RP31 R_PAK 4.2A 4.2B RP32 R_PAK 4.2A 4.2B				
R57 R 10.2F R58 R 4.5A	R148 R R149 R	9. 5E 9. 5F	TP1 TESTPOINT 10.4C TP2 TESTPOINT 10.5C				
R59 R 4.5A R60 R 6.3G	R150 R R151 R	4.5A	TP3 TESTPOINT 10.4B TP4 TESTPOINT 10.4F				
R61 R 4.5A R62 R 10.1E	R152 R R153 R	6. 2F 2. 4F	TP5 TESTPOINT 10.4F TP6 TESTPOINT 10.5F				
R63 R 6.3G R64 R 10.1E	R154 R R155 R	2. 4F 9. 4E	U1 U_VREG_3PIN 10.1G U2 U_MEM_SD_DDR_4MX32 5.2C 5.4C 5.4I	5.5C 5.5D			
R65 R 9.3F R66 R 9.3E	R156 R R157 R	9. 1C 8. 3B	U3 U_SWREG_SC2610 10.3G U4 U_GPU_NV18 2.1D 3.1C 3.1E 6.1C 7.	3B 8.3B 9.1D			
R67 R 4.5B R68 R 4.3F	R158 R R159 R	9. 2B 4. 5A	9.3A 9.4D U5 U_AND_2IN 7.2D 7.3D 8.2D 8.3D				
R69 R 4.5B R70 R 4.5B R71 R 4.5B	R160 R R161 R R162 R	4.5A 9.4F 7.4E	U6 U_VREG_5PIN 10.1E U7 U_MEM_SD_DDR_4MX32 4.2C 4.4C 4.4I U8 U_XOR_2IN 6.3G	0 4.5C 4.5D			
R71 R 4.5B R72 R 4.4F R73 R 4.3D	R163 R R164 R	7. 4E 6. 1F 7. 3F	U8 U_XOR_2IN 5.3G U9 U_MEM_SD_DDR_4MX32 5.2E 5.4E 5.4E U10 U_SWREG_ISL6529 10.4D	5.5E 5.5E			
R73 R 4.311 R74 R 5.2G R75 R 9.3F	R165 R R165 R	7. 3f 8. 1D 8. 1D	U11 U_MEM_FL_SER_128KX8 9.2B U12 U_MEM_FL_SER_128KX8 9.2B				
R75 R 9.3E R77 R 6.2G	R168 R R168 R	9. 2C 9. 2C	U13 U_MEM_SD_DDR_4MX32 4.2E 4.4E 4.4E Y1 XTAL 9.5D	4.5E 4.5E			
R78 R 4.5B	R169 R R170 R	9. 4E 9. 4F					
R80 R 4.3E R81 R 4.3D	R171 R R172 R	5. 4F 6. 1F 7. 3B	L.				
R82 R 4.5B	R173 R R174 R	9. 5D 7. 1D					Ì
RB4 R 4.3E RB5 R 2.4A	R175 R R176 R	6. 2F 7. 4E					Ì
R86 R 2.4A R87 R 2.4A	R177 R R178 R	7. 2D 9. 3E					Ì
R88 R 2.4A R89 R 2.3C	R179 R R180 R	9. 3F 2. 4E				_	
R90 R 5.5A R91 R 5.5A	R181 R R182 R	9. 1E 9. 1E					NVIDIA CORPORATION
						s	2701 SAN TOMAS EXPRESSWAY SANTA CLARA, CA 95050, USA DETAIL DRAWING DETAIL
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