P1077-A01

GF108, GT215/6/8 MXM V3. O TYPE A 1024/2048MB 128/64-BIT DDR3 LVDS, QUAD DP, DVI, VGA

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SKU	VARI ANT	NVPN	ASSEMBLY
В	BASE	602-11077-base-sch	BASE LEVEL GENERIC SCHEMATIC ONLY, COMMON & NO_STUFF ASSEMBLY NOTES AND BOM NOT FINAL.
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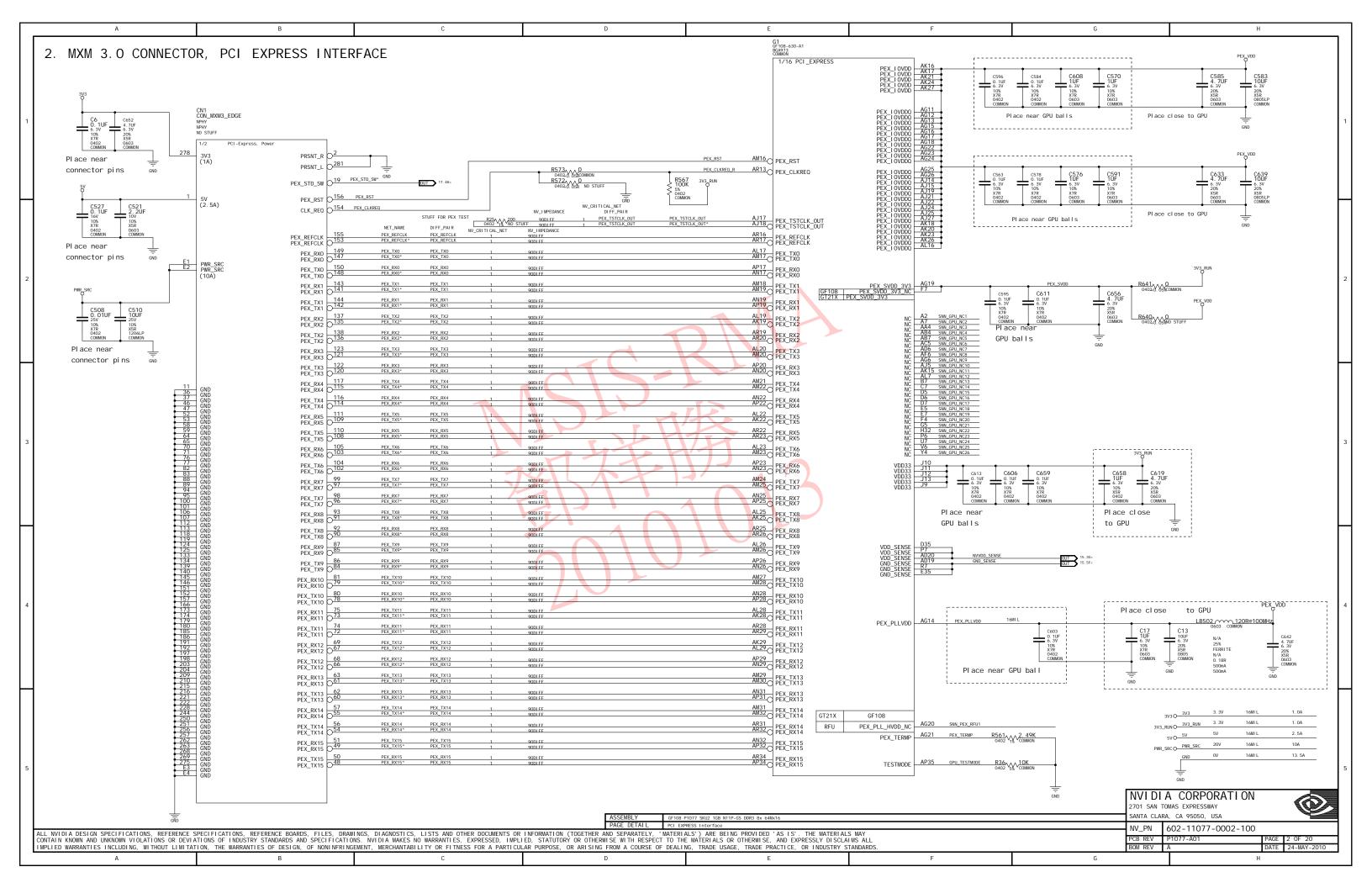
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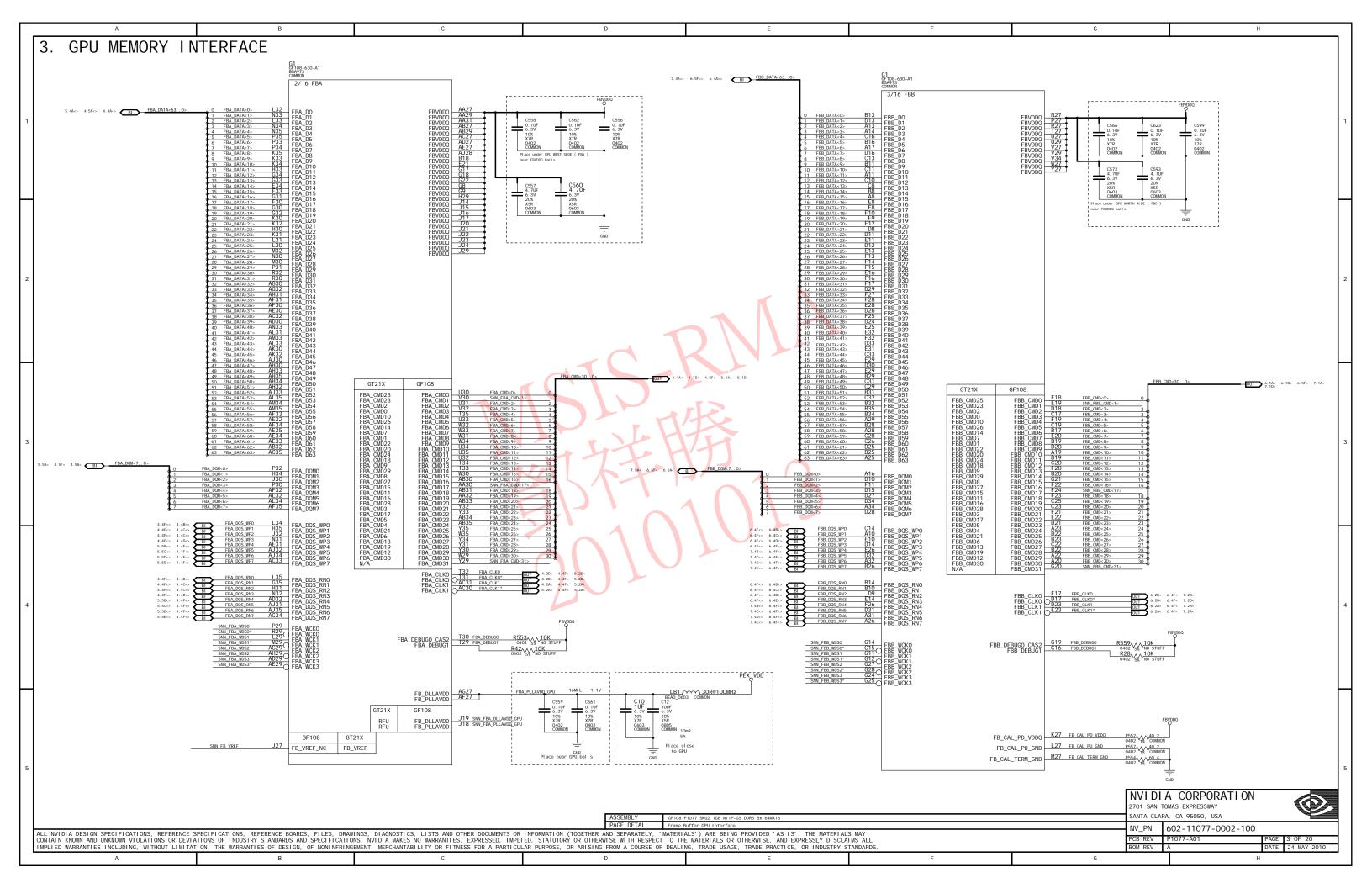
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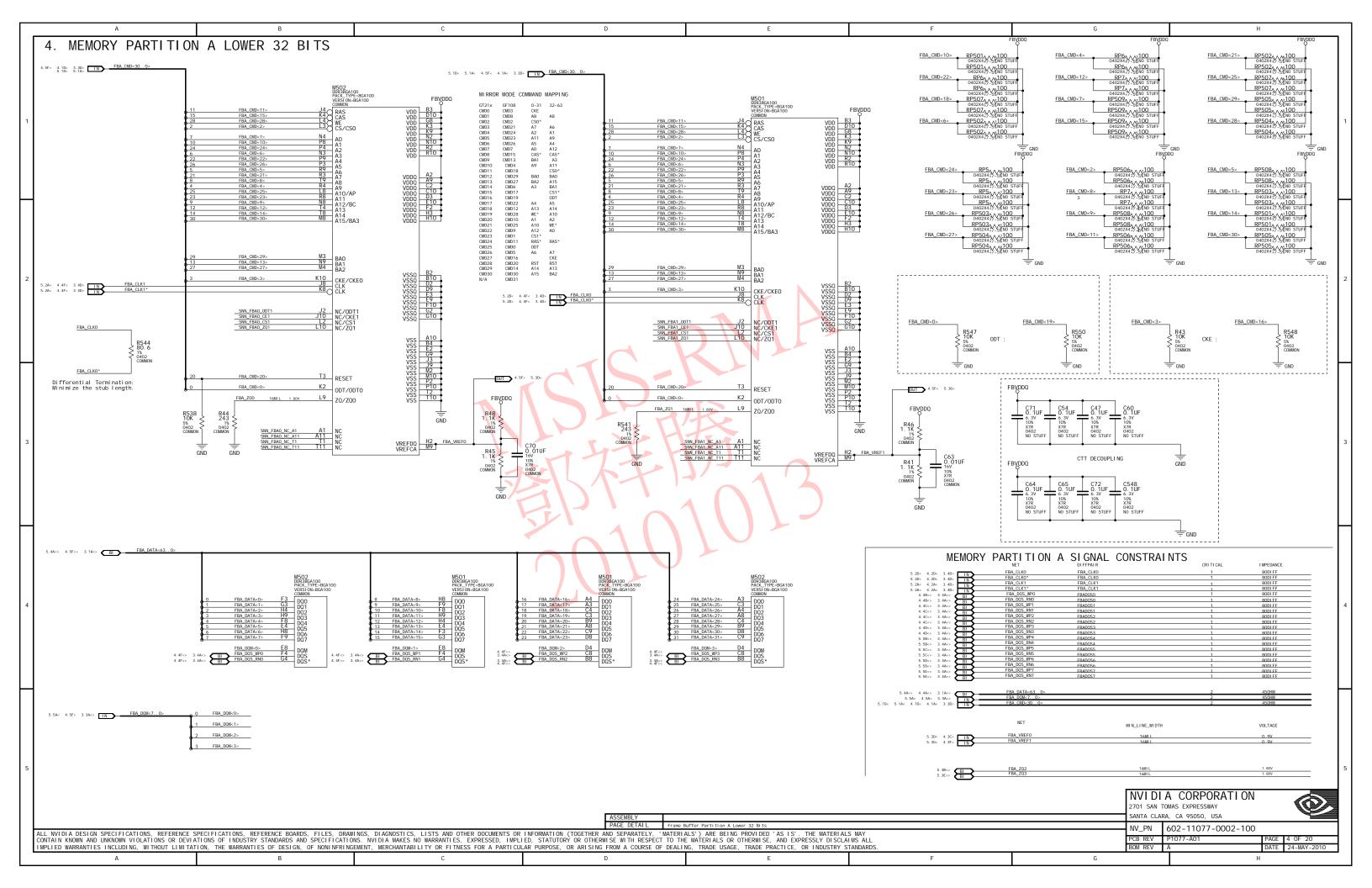
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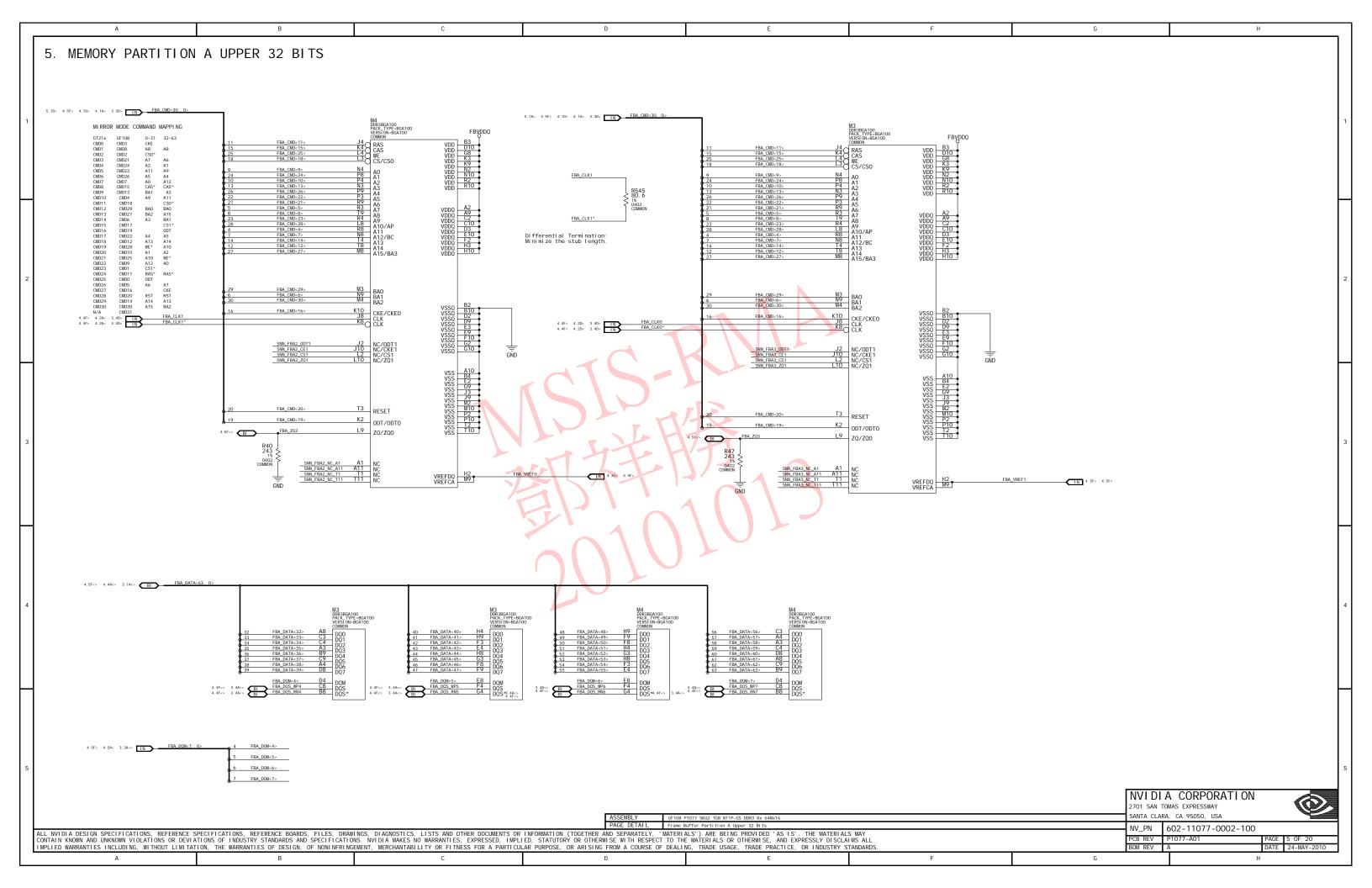
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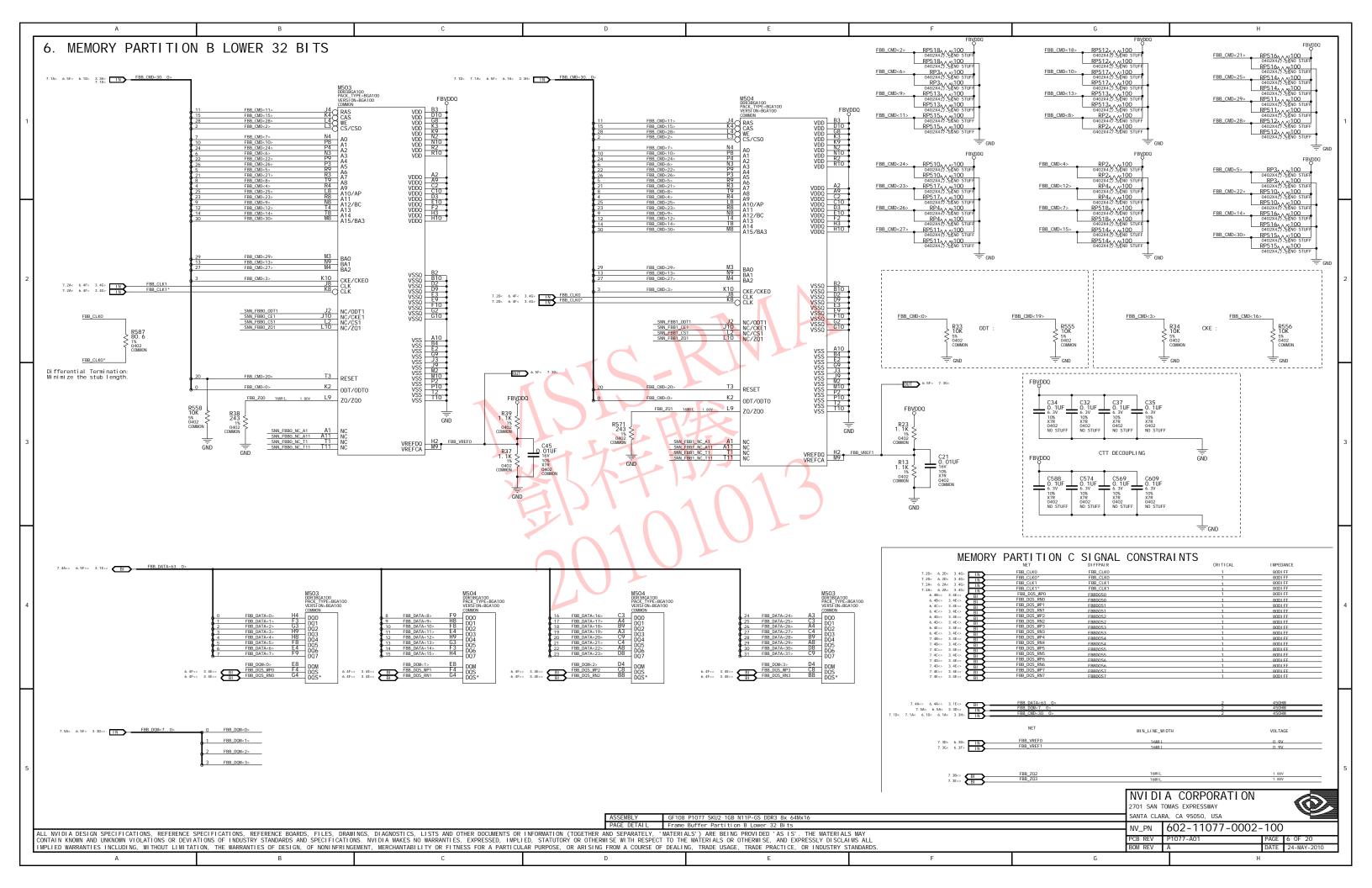
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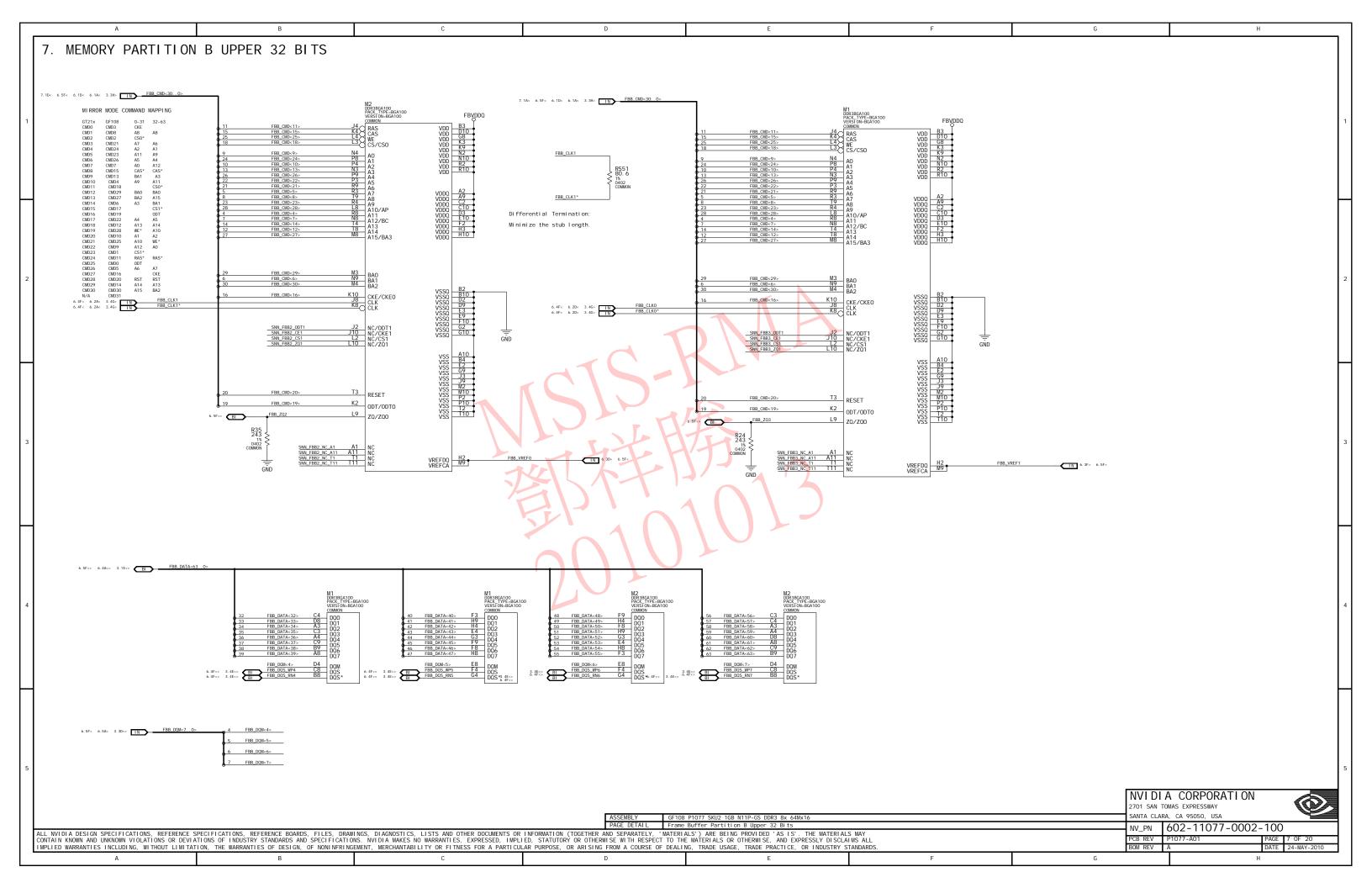


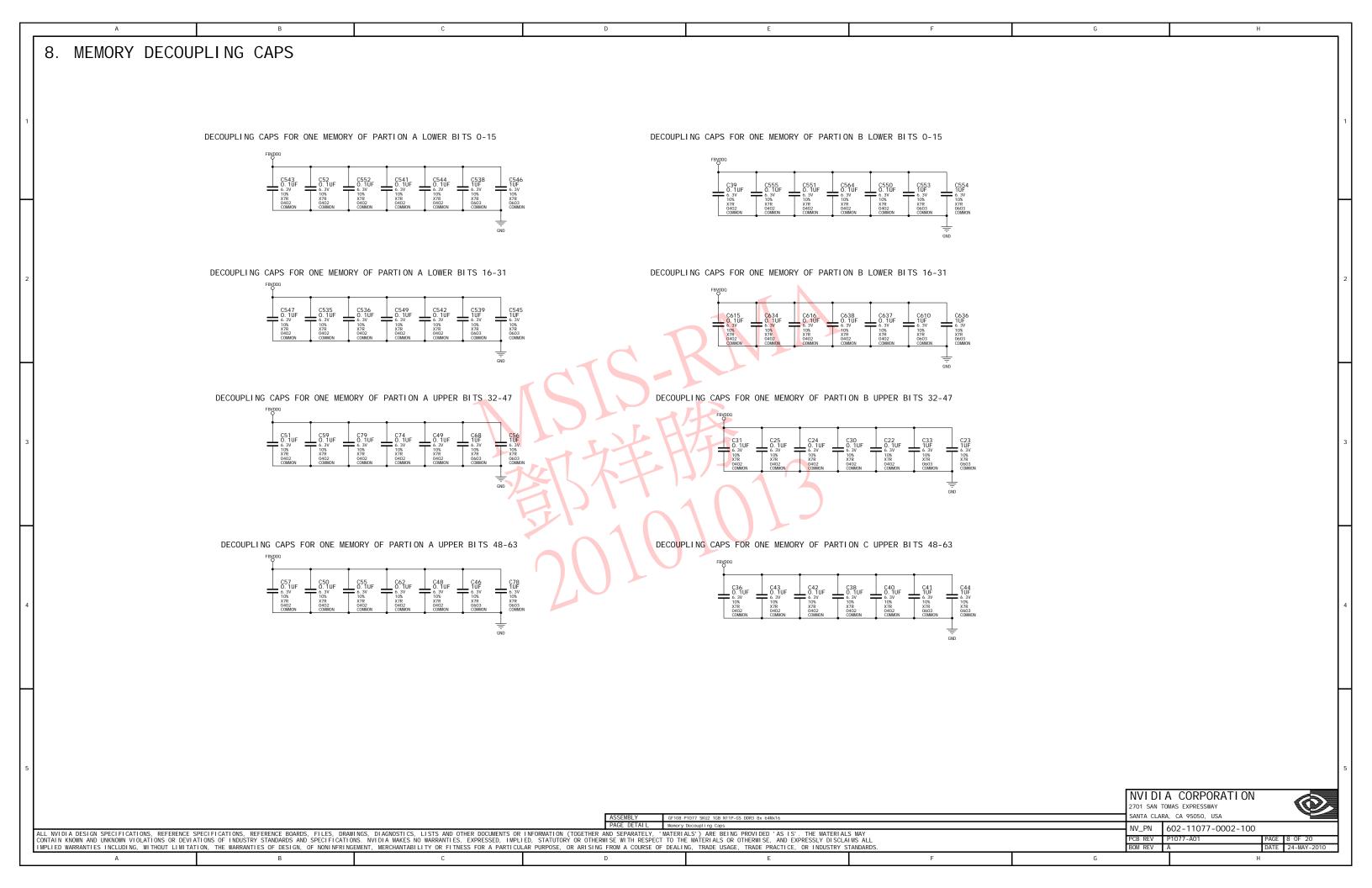


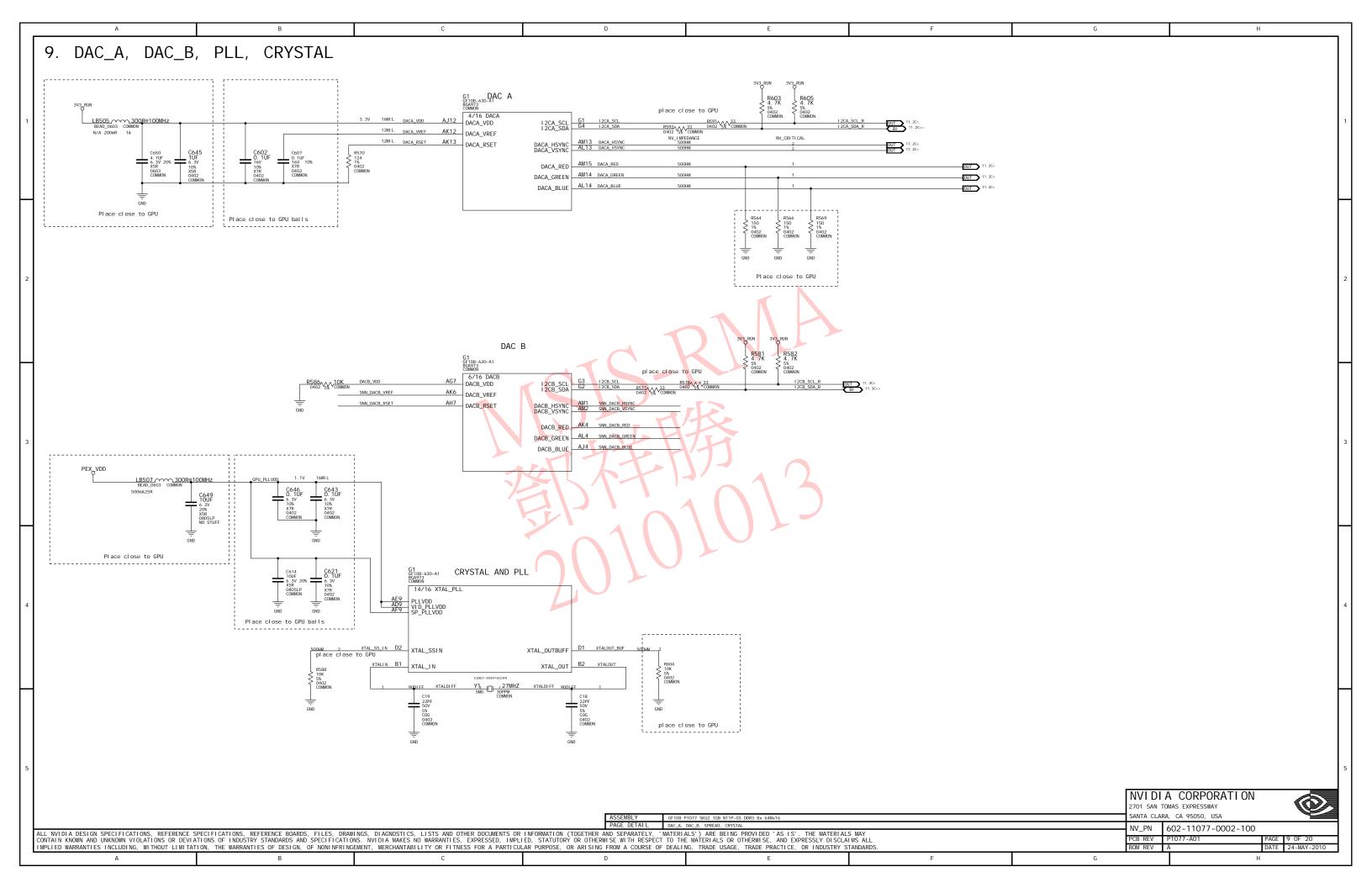


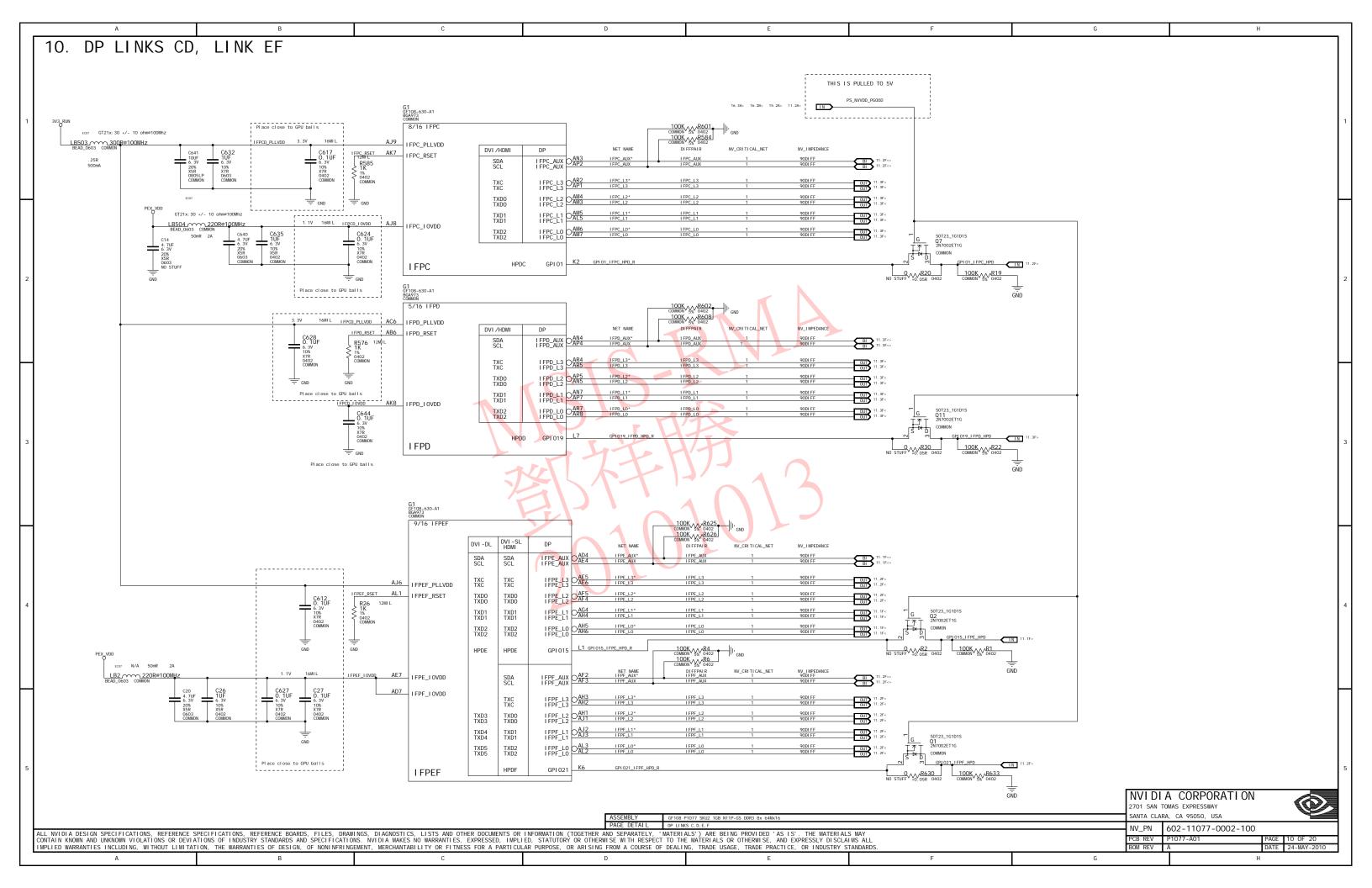


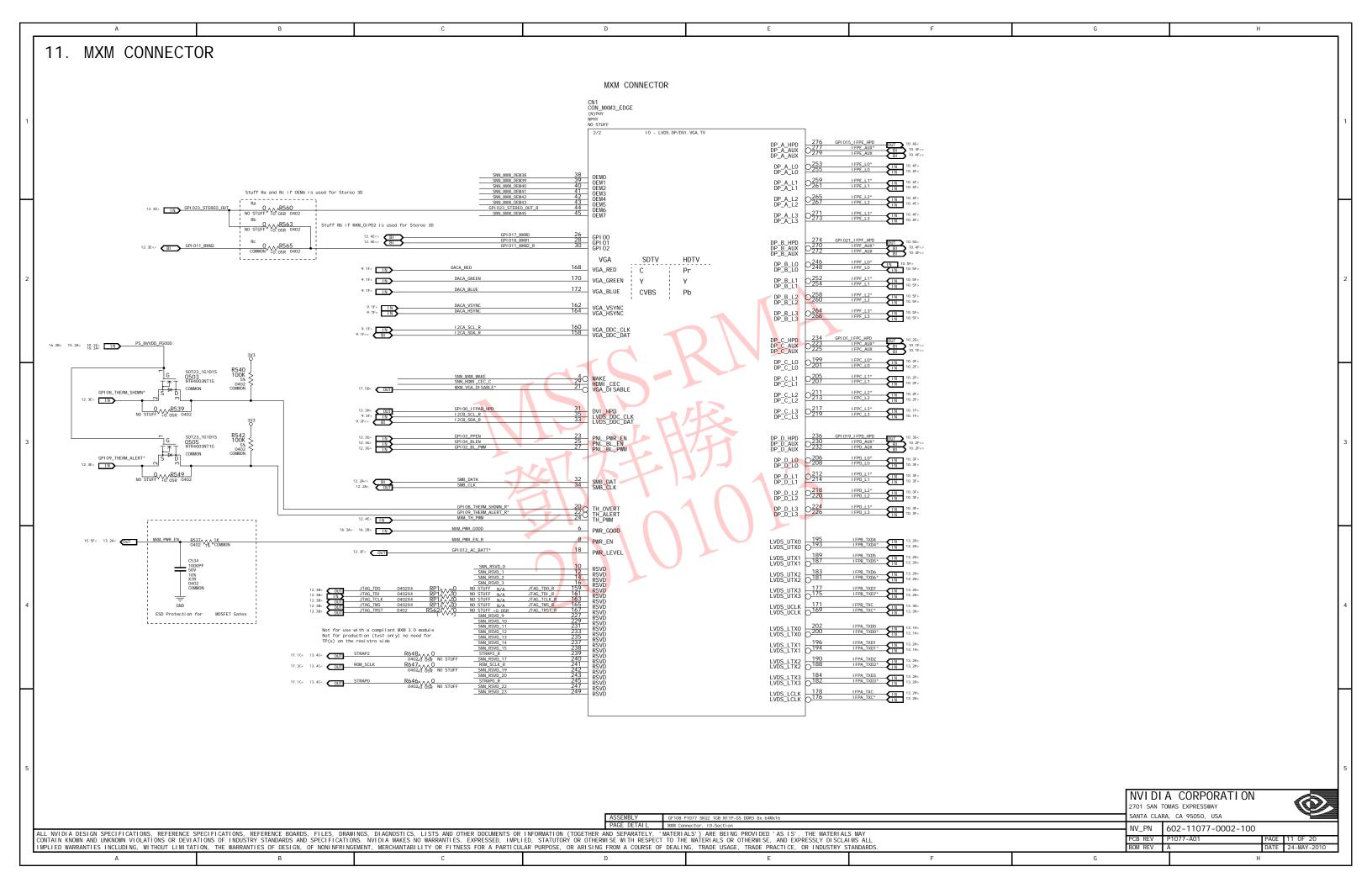


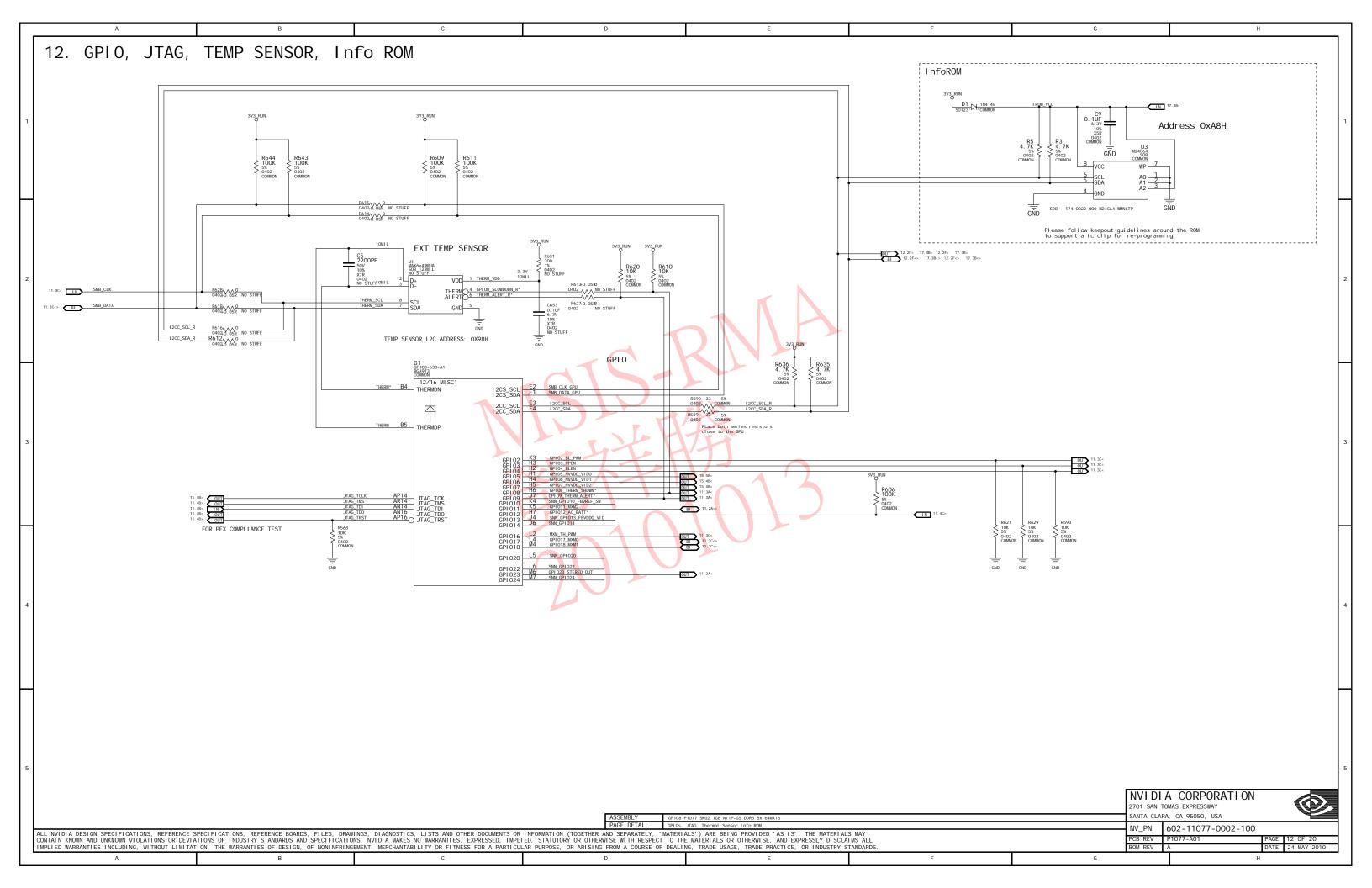


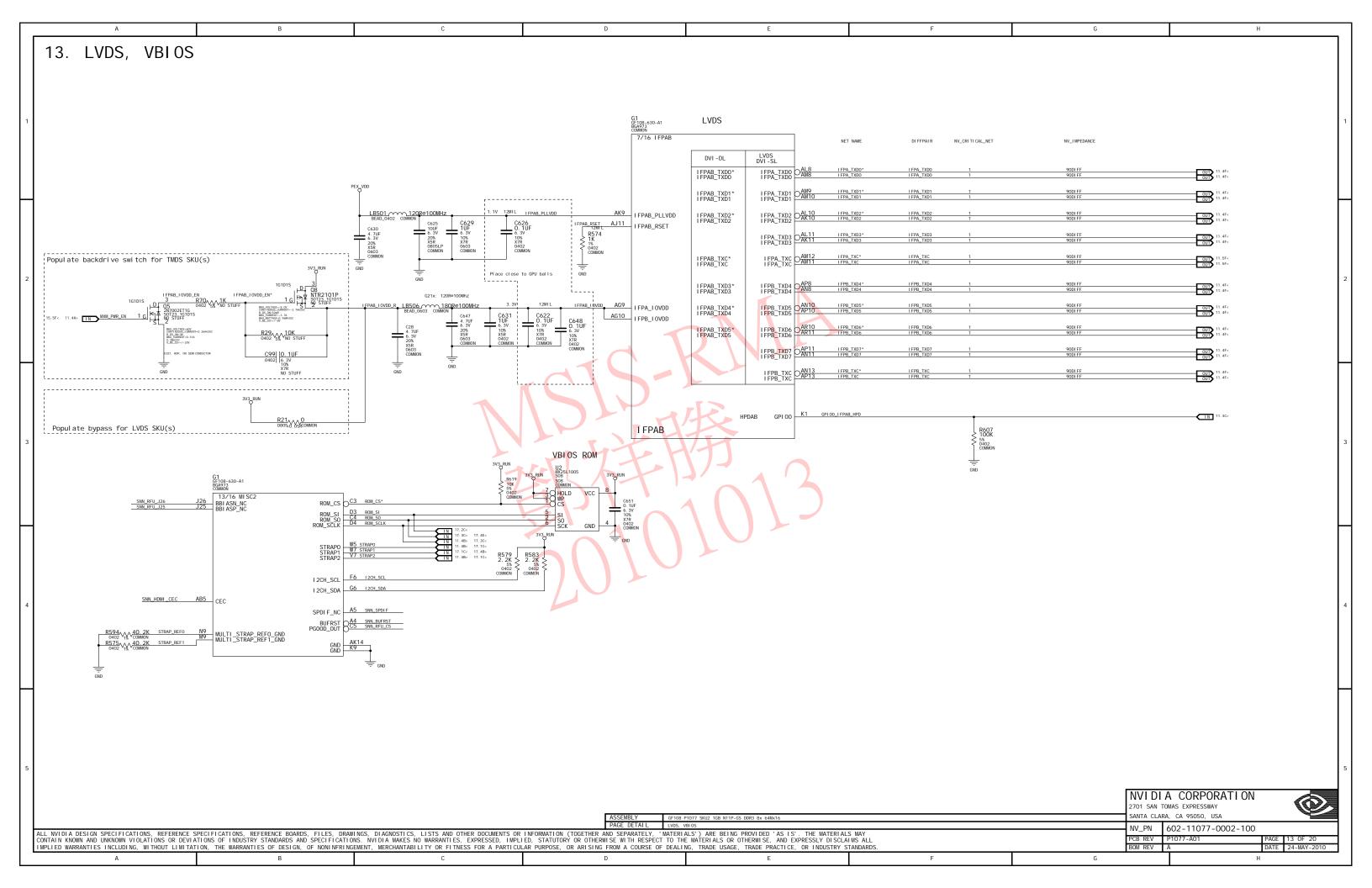


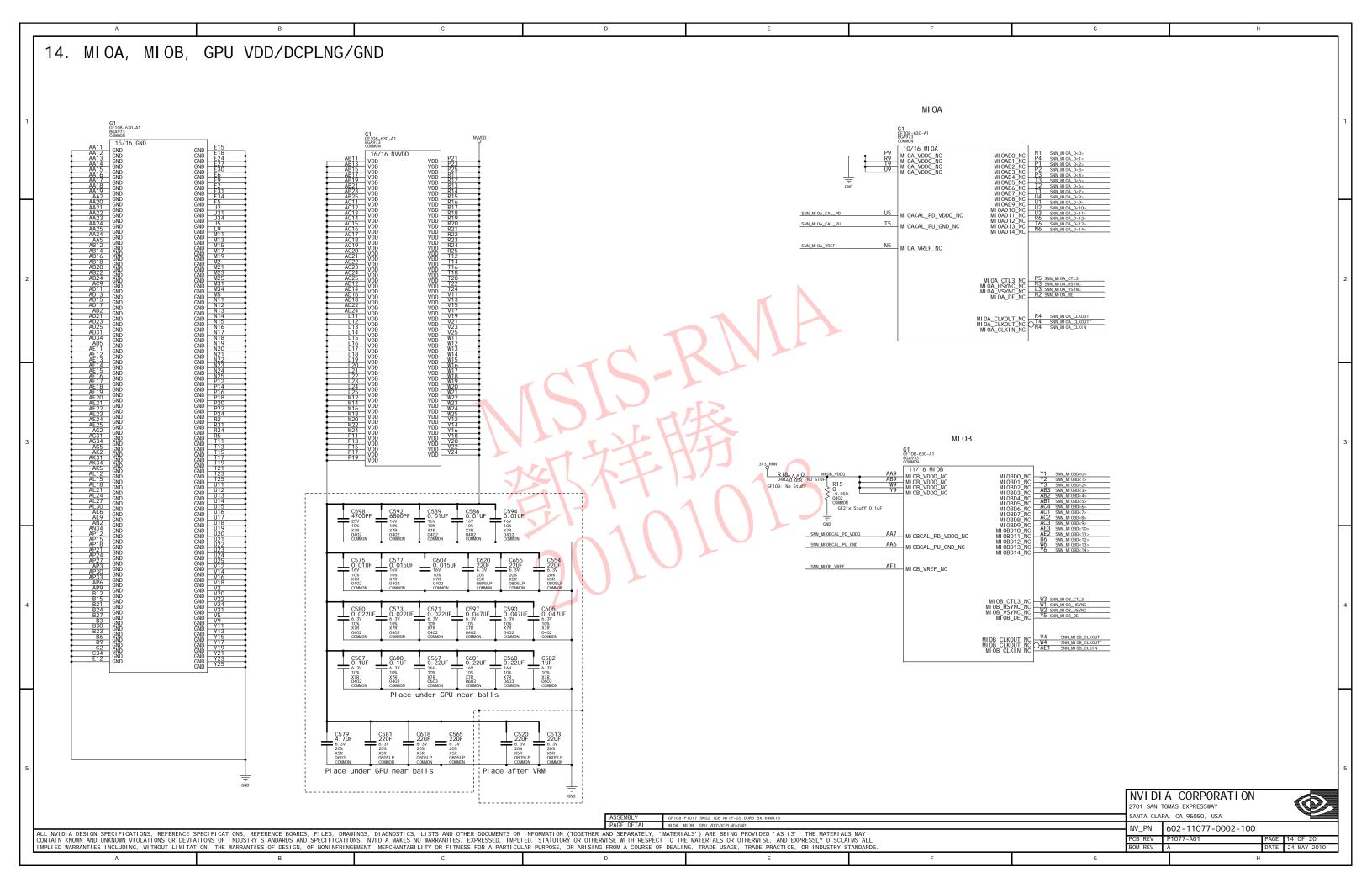


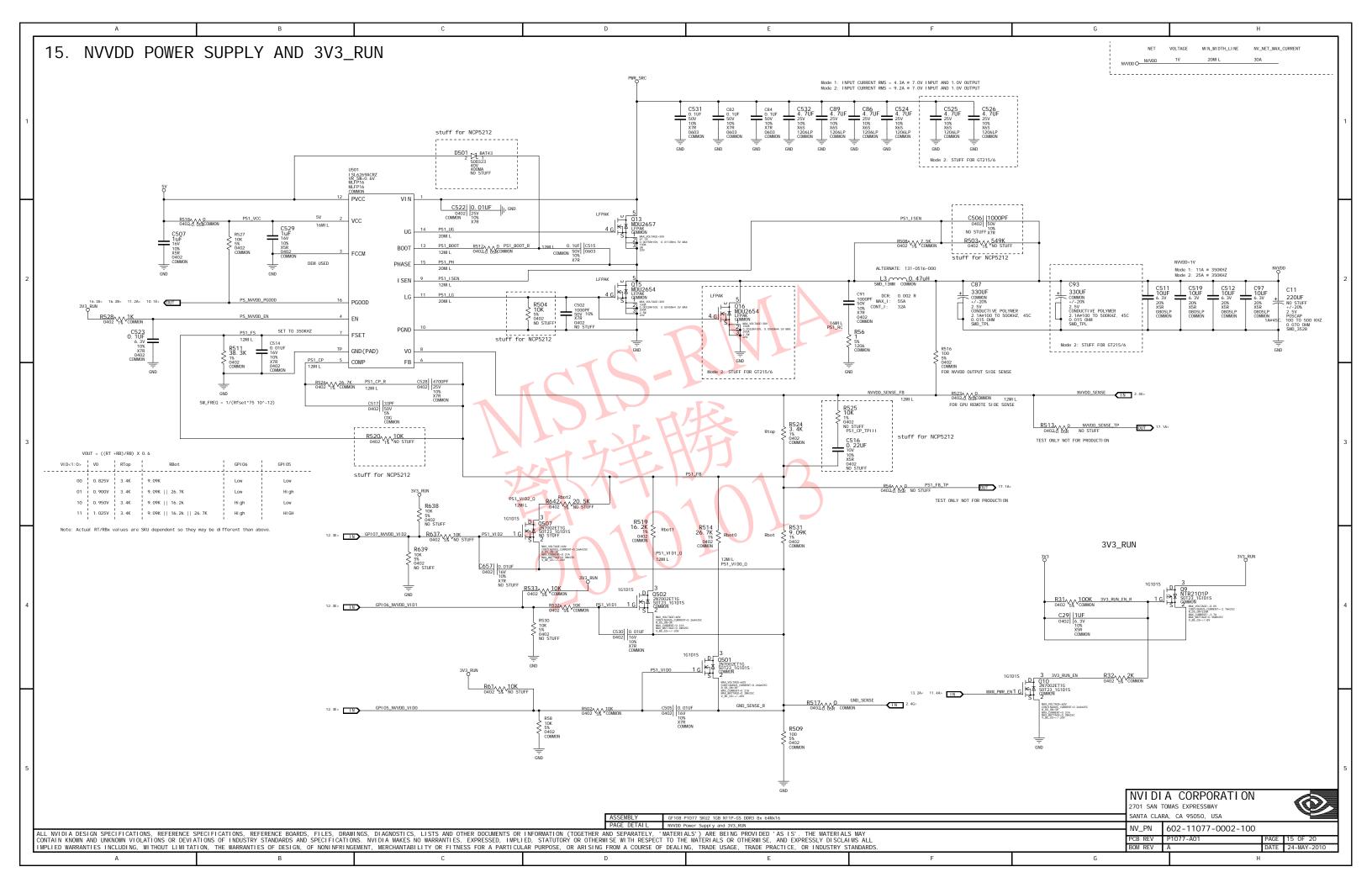


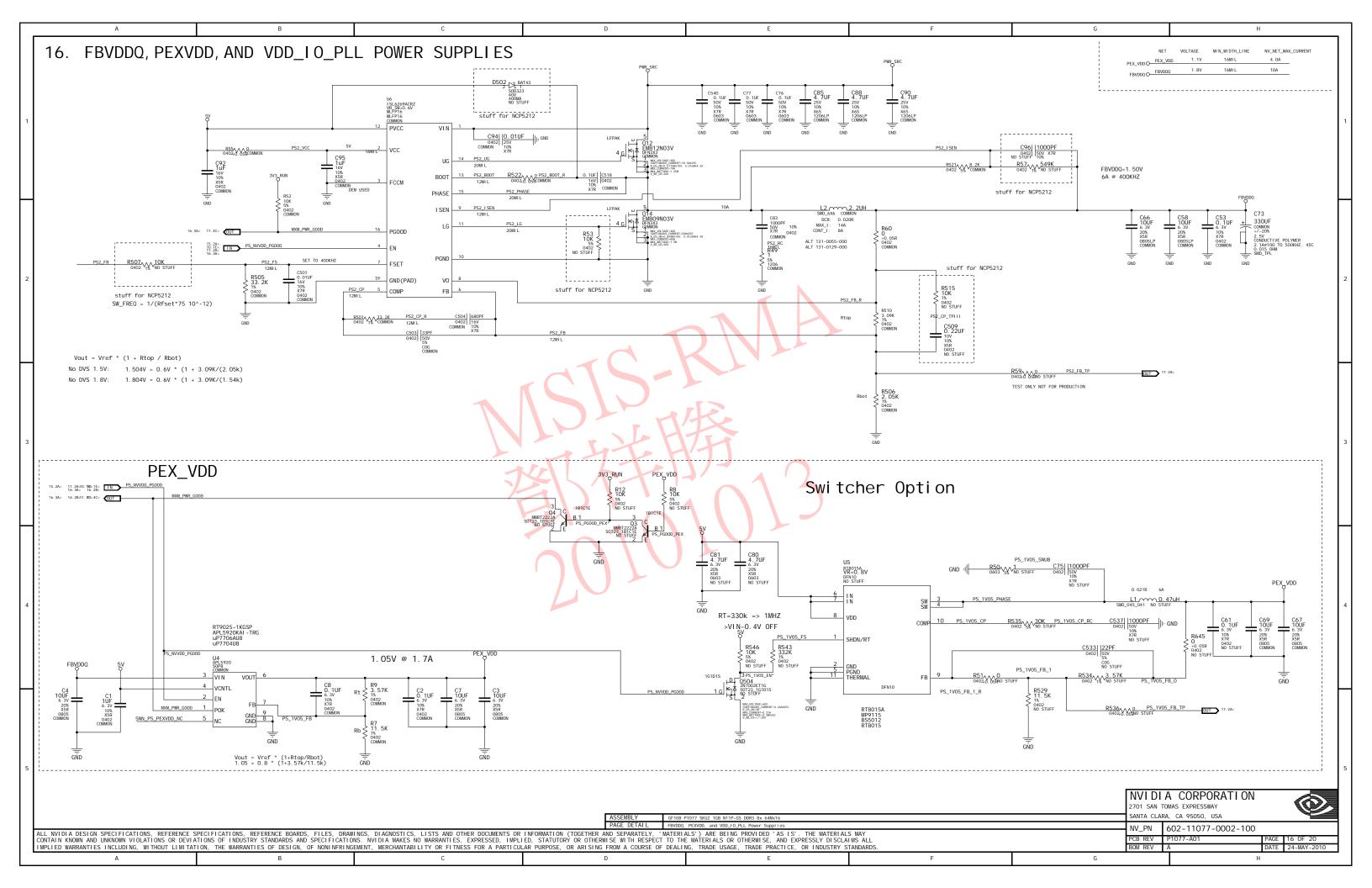


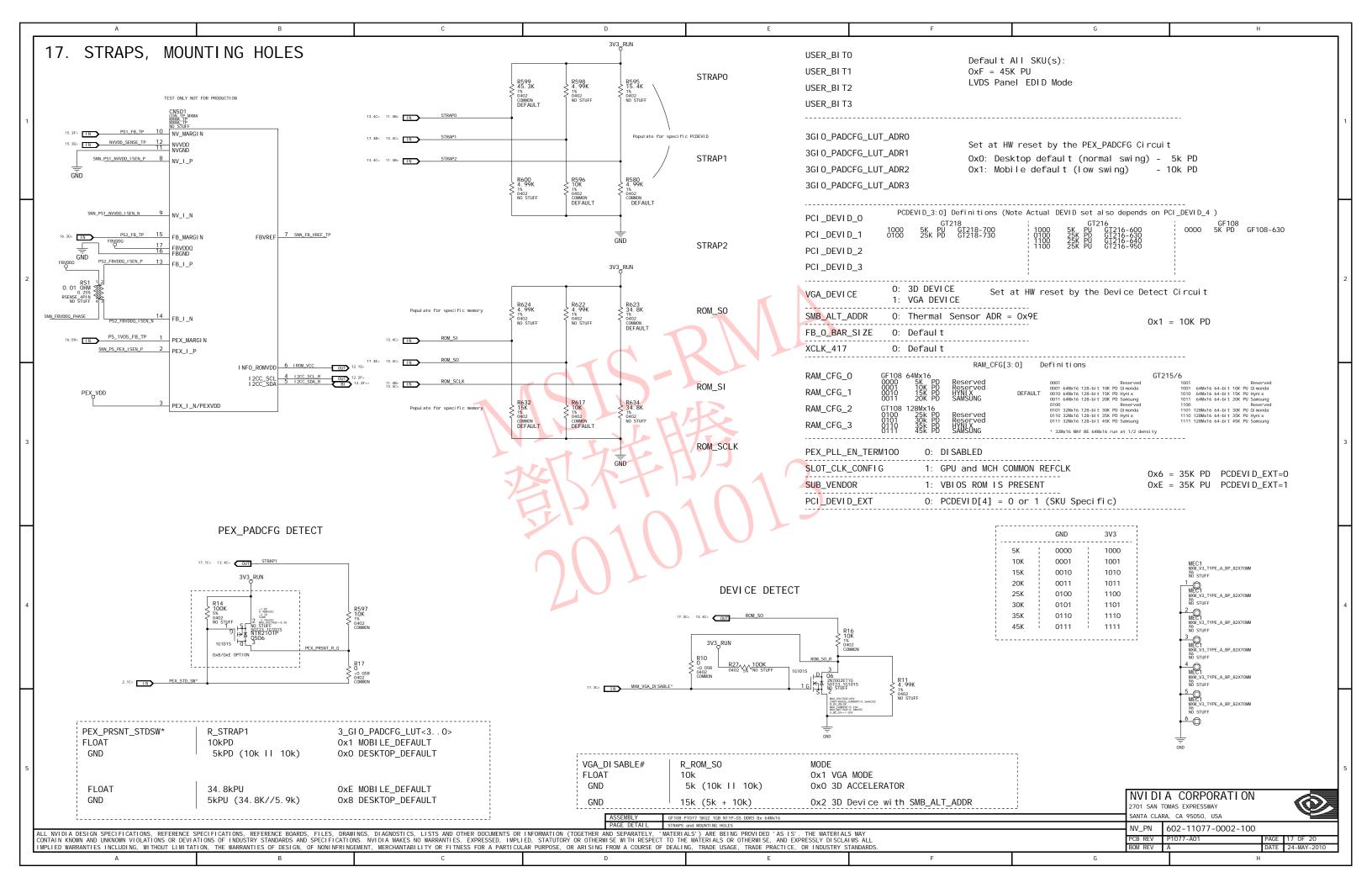












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Title: Percent Percent	EDA DATA (14) 2 40 4 40	7 40 7 45	EDD DATA (E2) 2 2F 7 4D	LEDAR LOVIDO R. 12.20	DEV DV1*	DS2 DC 1/ 2F	
Title: Basenet Report Design: p1077_a01	FBA_DATA<14> 3. 1B 4. 4C FBA_DATA<15> 3. 1B 4. 4C	7. 1B 7. 1E FBB_CMD<6> 3. 3G 6. 1B 6. 1D 6. 1F	FBB_DATA<53> 3. 3E 7. 4D FBB_DATA<54> 3. 3E 7. 4D		PEX_RX1* 2. 2C PEX_RX2 2. 2C	PS2_RC 16. 2E PS2_UG 16. 1C	
Date: May 21 21: 03: 21 2010	FBA_DATA<16> 3. 1B 4. 4D	7. 2B 7. 2E	FBB_DATA<55> 3. 3E 7. 4D	I FPAB_RSET 13. 2D	PEX_RX2* 2. 2C	PS2_VCC 16. 1B	
Base nets and synonyms for	FBA_DATA<17> 3. 2B 4. 4D FBA_DATA<18> 3. 2B 4. 4D	FBB_CMD<7> 3.3G 6.1B 6.1D 6.2G 7.2B 7.2E	FBB_DATA<56> 3. 3E 7. 4E FBB_DATA<57> 3. 3E 7. 4E	I FPA_TXC	PEX_RX3 2. 3C PEX_RX3* 2. 3C	PS_1V05_CP 16. 4F PS_1V05_CP_RC 16. 4G	
p1077_a01_l i b. P1077_A01 (@p1077_a01_l i b. p	FBA_DATA<19> 3. 2B 4. 4D	FBB_CMD<8> 3. 3G 6. 1B 6. 1D 6. 1G	FBB_DATA<58> 3. 3E 7. 4E	I FPA_TXD0 11. 4F< 13. 1H>	PEX_RX4 2. 3C	PS_1V05_EN* 16. 4E	
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Base Signal Location([Zone][dir])	FBA_DATA<21> 3. 2B 4. 4D FBA_DATA<22> 3. 2B 4. 4D	FBB_CMD<9> 3. 3G 6. 1F 6. 2B 6. 2D 7. 1B 7. 1E	FBB_DATA<60> 3. 3E 7. 4E FBB_DATA<61> 3. 3E 7. 4E		PEX_RX5 2. 3C PEX_RX5* 2. 3C	PS_1V05_FB_0 16. 4G PS_1V05_FB_1 16. 4G	
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5V 2.5H	FBA_DATA<27> 3. 2B 4. 4E	FBB_CMD<12> 3. 3G 6. 1G 6. 2B 6. 2D	FBB_DQM<0> 3. 3E 6. 4B 6. 5B	I FPB_TXC 11. 4F< 13. 3H>	PEX_RX8 2. 4C	PS_1V05_SNUB 16. 4G	
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FBA_CLKO* 3. 4D> 4. 2D< 4. 3A	FBA_DATA<40> 3. 28 5. 48	7. 3E	FBB_DOS_RN2 3. 4E<> 6. 4D<> 6. 4F<> FBB_DOS_RN3 3. 4E<> 6. 4E<> 6. 4F<>	I FPC_AUX 10. 1F<> 11. 2F<>	PEX_RX14 2. 5C	ROM_SO 13. 4C< 17. 3C< 17. 4E>	
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FBA_CMD<15> 3.3C 4.1B 4.1D 4.1G	FBA_DQM<4> 3. 3B 5. 4B 5. 5B	FBB_DATA<10> 3. 1E 6. 4C	GPI 06_NVVDD_VI D1	I FPE_L3* 10. 4F> 11. 2F<	PEX_TX12 2. 4C	SNN_FBA2_NC_A11 5. 3B	
5.1B 5.1E FBA_CMD<16> 3.3C 4.2H 5.2B 5.2E	FBA_DQM<5> 3. 3B 5. 4C 5. 5B FBA_DQM<6> 3. 3B 5. 4D 5. 5B	FBB_DATA<11> 3. 1E 6. 4C FBB_DATA<12> 3. 1E 6. 4C	GPI 07_NVVDD_VI D2	I FPF_AUX	PEX_TX12* 2. 4C PEX_TX13 2. 4C	SNN_FBA2_NC_T1	
FBA_CMD<18> 3. 3C 4. 1F 5. 1B 5. 1E	FBA_DQM<7> 3. 3B 5. 4E 5. 5B	FBB_DATA<13> 3. 1E 6. 4C	GPI 08_THERM_SHDWN* 11. 3A< 12. 3E>	IFPF_LO 10. 5F> 11. 2F<	PEX_TX13* 2.4C	SNN_FBA2_ODT1 5. 2B	
FBA_CMD<19> 3. 3C 4. 2G 5. 3B 5. 3E	FBA_DOS_RNO 3. 4A<> 4. 4B<> 4. 4F<>	FBB_DATA<14> 3. 1E 6. 4C	GPI 08_THERM_SHDWN_ 11. 3C	10. 5F> 11. 2F<	PEX_TX14 2. 5C	SNN_FBA2_ZQ1 5.2B	
FBA_CMD<20> 3. 3C 4. 3B 4. 3D 5. 3B 5. 3E	FBA_DQS_RN1 3. 4A<> 4. 4C<> 4. 4F<> FBA_DQS_RN2 3. 4A<> 4. 4C<> 4. 4F<>	FBB_DATA<15> 3.1E 6.4C FBB_DATA<16> 3.2E 6.4D	R* GPI 09_THERM_ALERT* 11. 3A< 12. 3E>	IFPF_L1	PEX_TX14* 2.5C PEX_TX15 2.5C	SNN_FBA3_CE1	\vdash
FBA_CMD<21> 3. 3C 4. 1B 4. 1D 4. 1H	FBA_DQS_RN3 3. 4A<> 4. 4D<> 4. 4F<>	FBB_DATA<17> 3. 2E 6. 4D	GPI 09_THERM_ALERT_ 11.3C	I FPF_L2 10. 5F> 11. 2F<	PEX_TX15* 2.5C	SNN_FBA3_NC_A1 5. 3E	
5. 2B 5. 2E FBA_CMD<22> 3. 3C 4. 1B 4. 1D 4. 1F	FBA_DOS_RN4 3. 4A<> 4. 4F<> 5. 5B<> FBA_DOS_RN5 3. 4A<> 4. 4F<> 5. 5C<>	FBB_DATA<18> 3. 2E 6. 4D FBB_DATA<19> 3. 2E 6. 4D	R* GPI 011_MXM2 11, 2A<> 12, 3E<>	IFPF_L2*	PEX_VDD 16.1G PS1_B00T 15.2C	SNN_FBA3_NC_A11	
5. 1B 5. 2E	FBA_DQS_RN5 3. 4A<> 4. 4F<> 5. 5C<> FBA_DQS_RN6 3. 4A<> 4. 4F<> 5. 5D<>	FBB_DATA<20> 3. 2E 6. 4D	GPI 011_MXM2		PS1_B00T_R 15. 2C	SNN_FBA3_NC_T11	
FBA_CMD<23> 3. 3C 4. 1B 4. 1F 4. 2D	FBA_DQS_RN7 3. 4A<> 4. 4F<> 5. 5E<>	FBB_DATA<21> 3. 2E 6. 4D	GPI 012_AC_BATT* 11. 4C> 12. 3F<	I ROM_VCC 12. 1G< 17. 3B>	PS1_CP 15. 2B	SNN_FBA3_0DT1 5. 2E	
5. 2B 5. 2E FBA_CMD<24> 3. 3C 4. 1B 4. 1D 4. 1F	FBA_DQS_WPO 3. 4A<> 4. 4B<> 4. 4F<> FBA_DQS_WP1 3. 4A<> 4. 4C<> 4. 4F<>	FBB_DATA<22> 3. 2E 6. 4D FBB_DATA<23> 3. 2E 6. 4D	GPI 015_I FPE_HPD	JTAG_TCLK	PS1_CP_R 15. 3C PS1_CP_TPIII 15. 3E	SNN_FBA3_ZQ1	
5. 1B 5. 1E	FBA_DQS_WP2 3. 4A<> 4. 4C<> 4. 4F<>	FBB_DATA<24> 3. 2E 6. 4E	GPI 017_MXM0 11. 2C<> 12. 4E<>	JTAG_TDI 11. 4B< 12. 3B<	PS1_FB 15. 3D	SNN_FBA_CMD<17> 3.3C	
FBA_CMD<25> 3. 4C 4. 1B 4. 1H 4. 2D	FBA_DOS_WP3 3. 4A<> 4. 4D<> 4. 4F<> FBA_DOS_WP4 3. 4A<> 4. 4F<> 5. 5B<>	FBB_DATA<25> 3. 2E 6. 4E	GPI 018_MXM1	JTAG_TDI_R 11. 4D JTAG_TD0 11. 4B> 12. 3B>	PS1_FB_TP	SNN_FBA_CMD<31> 3. 4C	
5. 1B 5. 1E FBA_CMD<26> 3. 4C 4. 1B 4. 1D 4. 2F	FBA_DQS_WP4 3. 4A<> 4. 4F<> 5. 5B<> FBA_DQS_WP5 3. 4A<> 4. 4F<> 5. 5C<>	FBB_DATA<26> 3. 2E 6. 4E FBB_DATA<27> 3. 2E 6. 4E	GPI 019_I FPD_HPD	JTAG_TDO 11. 4B> 12. 3B> JTAG_TDO_R 11. 4D	PS1_FS 15. 2B PS1_LISEN 15. 2C 15. 2F	SNN_FBA_DLLAVDD_GP 3.5C	4
5. 1B 5. 1E	FBA_DQS_WP6 3. 4A<> 4. 4F<> 5. 5D<>	FBB_DATA<28> 3. 2E 6. 4E	GPI 021_I FPF_HPD 10. 5G< 11. 2F>	JTAG_TMS 11. 4B> 12. 3B>	PS1_LG 15. 2C	SNN_FBA_PLLAVDD_GP 3.5C	
FBA_CMD<27> 3. 4C 4. 2B 4. 2D 4. 2F 5. 2B 5. 2E	FBA_DQS_WP7 3. 4A<> 4. 4F<> 5. 5E<> FBA_PLLAVDD_GPU 3. 5C	FBB_DATA<29> 3. 2E 6. 4E FBB_DATA<30> 3. 2E 6. 4E	GPI 021_I FPF_HPD_R 10. 5D GPI 023_STEREO_OUT 11. 2A< 12. 4E>	JTAG_TMS_R	PS1_PH 15. 2C PS1_RC 15. 2E	U SNN_FBA_WDSO 3.4B	
FBA_CMD<28> 3.4C 4.1B 4.1D 4.1H	FBA_VREFO 4. 3C> 4. 5F< 5. 3D<	FBB_DATA<31> 3. 2E 6. 4E	GPI 023_STEREO_OUT_ 11. 2C	JTAG_TRST_R 11.4D	PS1_UG 15. 2C	SNN_FBA_WDSO* 3.4B	
5. 2B 5. 2E FBA_CMD<29> 3. 4C 4. 1H 4. 2B 4. 2D	FBA_VREF1 4. 3F> 4. 5F< 5. 3G< FBA_Z00 4. 3B	FBB_DATA<32> 3.2E 7.4B FBB_DATA<33> 3.2E 7.4B	R GPU_PLLVDD 9.3B	MI OB_VDDQ 14. 3E MXM_PWR_EN 11. 4A> 13. 2A< 15. 5F<	PS1_VCC 15. 2B PS1_VI DO 15. 4D	SNN_FBA_WDS1 3.4B SNN_FBA_WDS1* 3.4B	
5. 2B 5. 2E	FBA_ZQ1 4.3D	FBB_DATA<33> 3. 2E 7. 4B FBB_DATA<34> 3. 2E 7. 4B	GPU_FECTION 9. 3B GPU_TESTMODE 2. 5F	MXM_PWR_EN 11. 4A> 13. 2A< 15. 5F< MXM_PWR_EN_R 11. 4C	PS1_VID0_0 15. 4D PS1_VID0_0 15. 4E	SNN_FBA_WDS1 3.4B SNN_FBA_WDS2 3.4B	
FBA_CMD<30> 3. 4C 4. 2B 4. 2D 4. 2H	FBA_ZQ2 4. 5F<> 5. 3B<>	FBB_DATA<35> 3. 2E 7. 4B	I 2CA_SCL 9. 1D	MXM_PWR_GOOD 11. 4C< 16. 2B> 16. 3A>	PS1_VI D1 15. 4D	SNN_FBA_WDS2* 3.4B	
5. 2B 5. 2E FBA_DATA<0> 3. 1B 4. 4B	FBA_Z03 4. 5F<> 5. 3E<> FBB_CLKO 3. 4G> 6. 2A 6. 2D<	FBB_DATA<36> 3. 2E 7. 4B FBB_DATA<37> 3. 2E 7. 4B	I 2CA_SCL_R	16. 3A> MXM_TH_PWM 11. 3C< 12. 4E>	PS1_VI D1_0 15. 4D PS1_VI D2 15. 4C	SNN_FBA_WDS3	
FBA_DATA<630> 3.1A<> 4.4A<> 4.5F<>	6. 4F< 7. 2D<	FBB_DATA<38> 3. 2E 7. 4B	I 2CA_SDA_R 9. 1F<> 11. 2C<>	MXM_VGA_DI SABLE* 11. 3C> 17. 5D<	PS1_VI D2_Q 15. 3C	SNN_FBBO_CE1 6. 2B	\vdash
5. 4A<>	FBB_CLKO* 3. 4G> 6. 2A 6. 2D<	FBB_DATA<39> 3. 2E 7. 4B	12CB_SCL 9. 3D	NVVDD 15. 1G	PS2_B00T 16.1C	SNN_FBBO_CS1 6. 2B	
FBA_DATA<1> 3. 1B 4. 4B FBA_DATA<2> 3. 1B 4. 4B	6. 4F< 7. 2D< FBB_CLK1 3. 4G> 6. 2A< 6. 4F<	FBB_DATA<40> 3. 2E 7. 4C FBB_DATA<41> 3. 2E 7. 4C	I 2CB_SCL_R	NVVDD_SENSE	PS2_B00T_R 16.1D PS2_CP 16.2B	SNN_FBBO_NC_A1 6.3B SNN_FBBO_NC_A11 6.3B	
FBA_DATA<3> 3.1B 4.4B	7. 1D 7. 2A<	FBB_DATA<42> 3. 2E 7. 4C	I 2CB_SDA_R 9. 3F<> 11. 3C<>	NVVDD_SENSE_TP 15. 3G> 17. 1A<	PS2_CP_R 16. 2C	SNN_FBBO_NC_T1 6.3B	
FBA_DATA<4> 3.1B 4.4B FBA_DATA<5> 3.1B 4.4B	FBB_CLK1* 3. 4G> 6. 2A< 6. 4F< 7. 1D 7. 2A<	FBB_DATA<43> 3.2E 7.4C FBB_DATA<44> 3.2E 7.4C	1 2CC_SCL	PEX_CLKREQ	PS2_CP_TPIII 16. 2F PS2_FB 16. 2A 16. 2D	SNN_FBBO_NC_T11	
FBA_DATA<5> 3. 18 4. 48 FBA_DATA<6> 3. 18 4. 48	FBB_CMD<0> 3. 3G 6. 2F 6. 3B 6. 3D	FBB_DATA<44> 3. 2E 7. 4C FBB_DATA<45> 3. 2E 7. 4C	12CC_SCL_R	PEX_CLKREU_R 2. IE PEX_PLLVDD 2. 4F	PS2_FB 16. 2A 16. 2D PS2_FBVDDQ_I SEN_N 17. 2A	SNN_FBB0_QD11 6. 2B SNN_FBB0_ZQ1 6. 2B	
FBA_DATA<7> 3.1B 4.4B	FBB_CMD<300> 3.3H> 6.1A< 6.1D<	FBB_DATA<46> 3. 3E 7. 4C	I 2CC_SDA_R 12. 2F<> 12. 2F<>	PEX_PRSNT_R_Q 17.4B	PS2_FBVDDQ_I SEN_P 17. 2A	SNN_FBB1_CE1 6. 2D	
FBA_DATA<8> 3.1B 4.4C FBA_DATA<9> 3.1B 4.4C	6. 5F< 7. 1A< 7. 1D< FBB_CMD<2> 3. 3G 6. 1B 6. 1D 6. 1F	FBB_DATA<47> 3. 3E 7. 4C FBB_DATA<48> 3. 3E 7. 4D	17. 3B<> 1 2CH_SCL 13. 4C	PEX_REFCLK	PS2_FB_R 16. 2E PS2_FB_TP 16. 3G> 17. 2A<	SNN_FBB1_CS1	
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FBA_DATA<11> 3. 1B 4. 4C	FBB_CMD<4> 3. 3G 6. 1B 6. 1D 6. 1G	FBB_DATA<50> 3. 3E 7. 4D	I FPAB_I OVDD 13. 2D	PEX_RXO 2. 2C	PS2_I SEN 16. 1F 16. 2C		
FBA_DATA<12> 3. 1B 4. 4C FBA_DATA<13> 3. 1B 4. 4C	7. 2B 7. 2E FBB_CMD<5> 3. 3G 6. 1B 6. 1D 6. 1H	FBB_DATA<51> 3. 3E 7. 4D FBB_DATA<52> 3. 3E 7. 4D	I FPAB_I OVDD_EN	PEX_RX0* 2. 2C PEX_RX1 2. 2C	PS2_LG 16. 2C PS2_PHASE 16. 1C	NVI DI A CORPORATION	
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