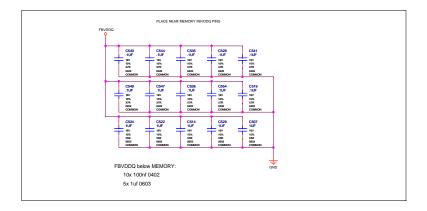
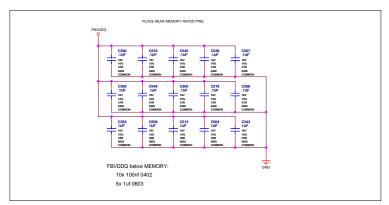


FRAME BUFFER: PARTITION A DECOUPLING

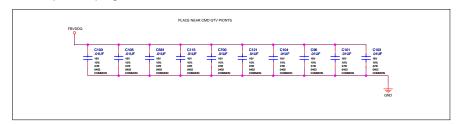
Decoupling for FBA 0..31



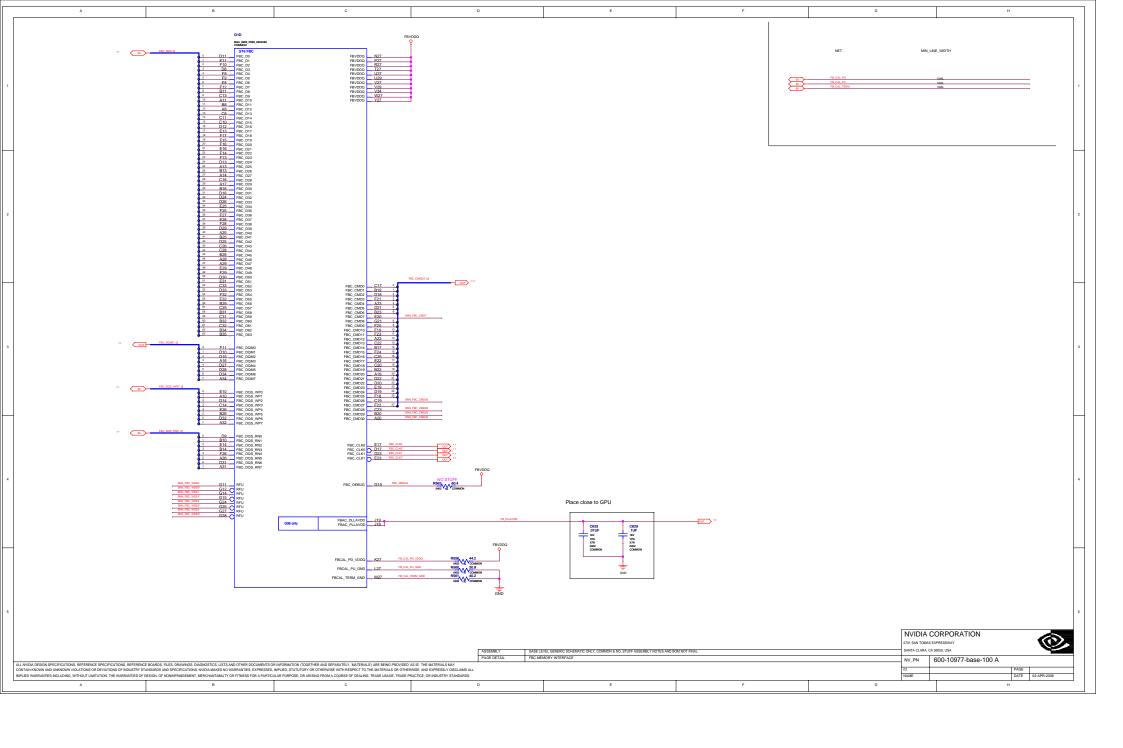
Decoupling for FBA 32..63

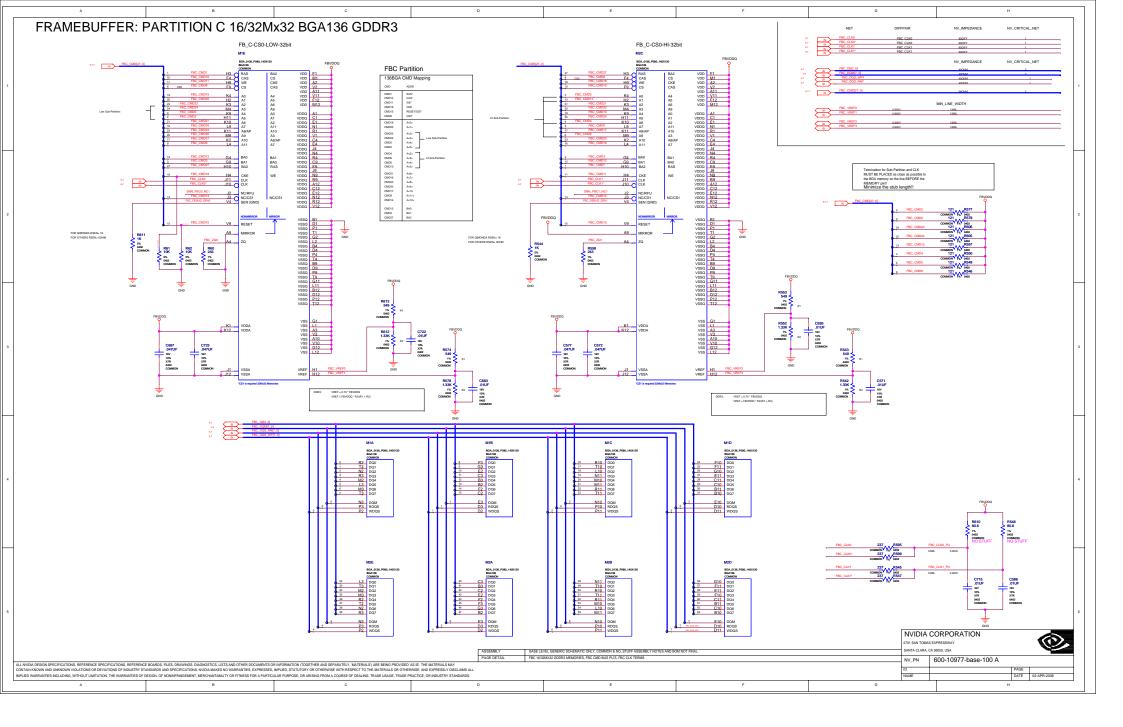


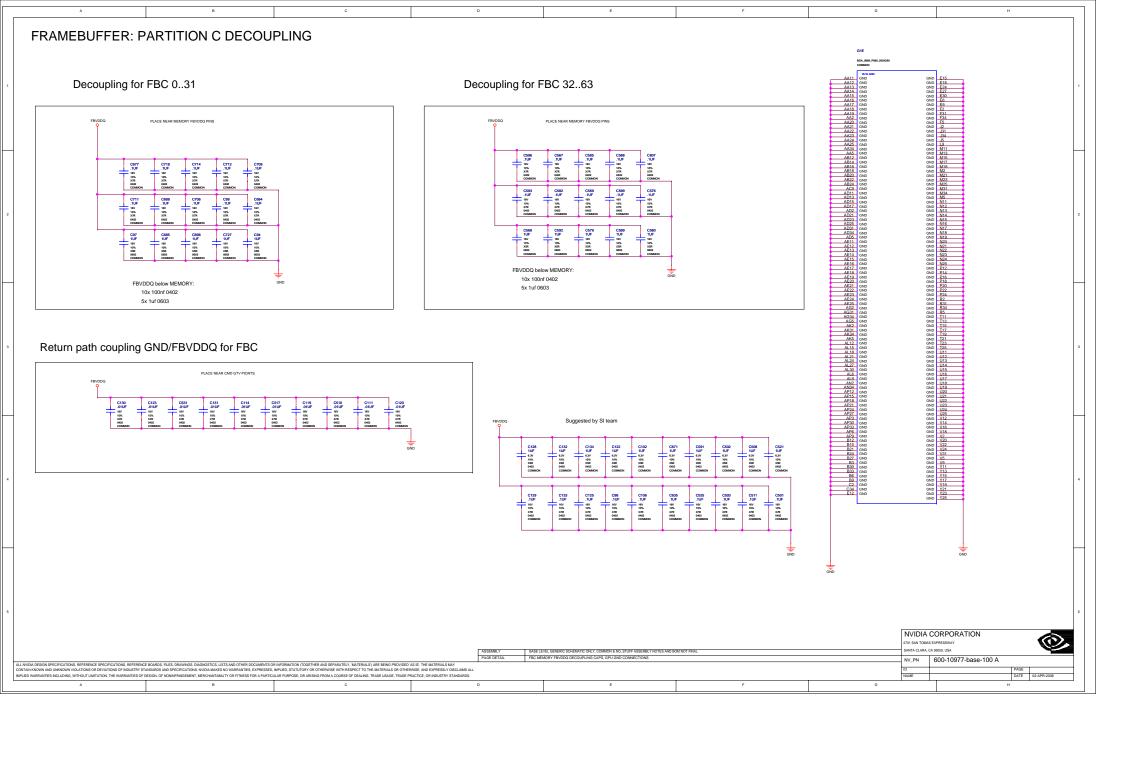
Return path coupling GND/FBVDDQ for FBA

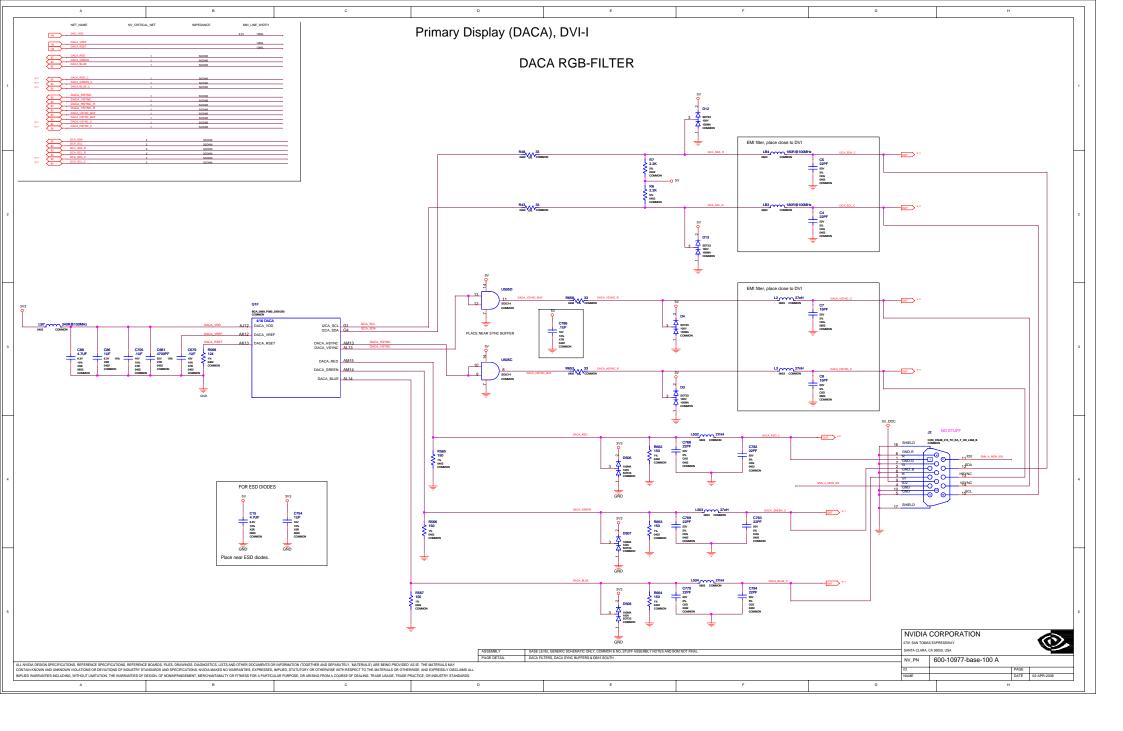


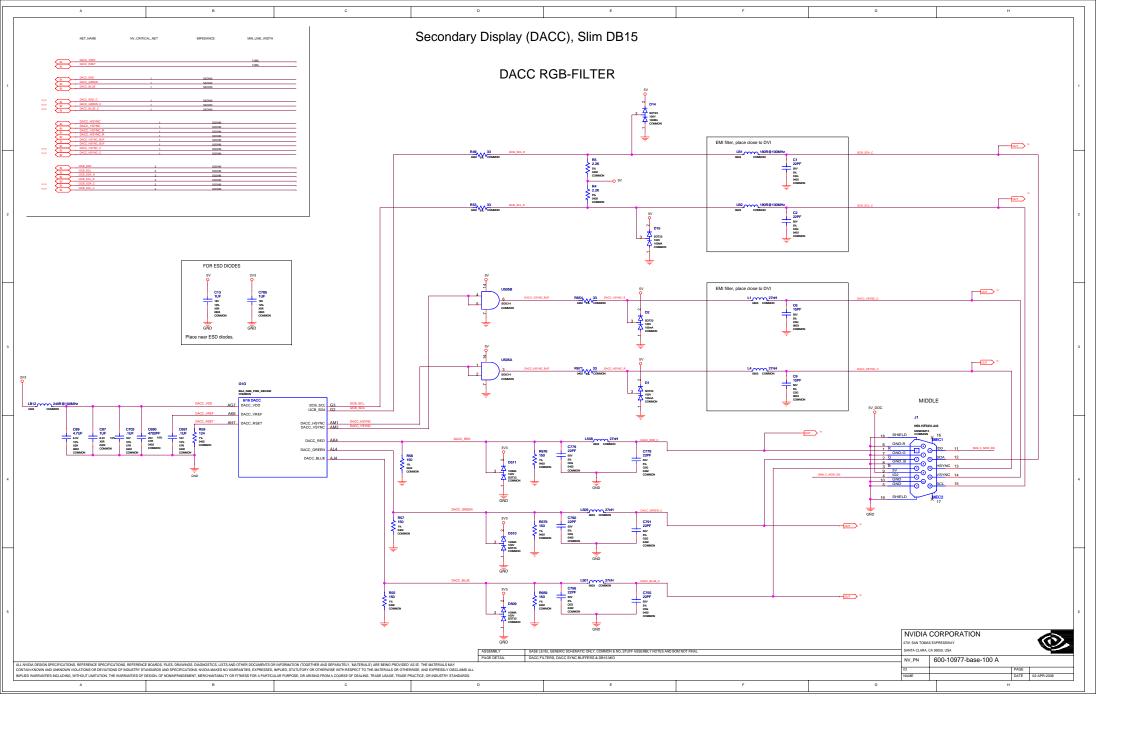
							CORPORATION S EXPRESSWAY		
			BASE LEVEL GENERIC SCHEMATIC ONLY, COMINON & NO_STUFF ASSEMBLY NOTES AND BOM NOT FINAL FIBA MEMORY FEVEDOD DECOUPLING CAPS				SANTA CLARA, CA 95050, USA		
L		NV_PN	600-10977-base-100 A						
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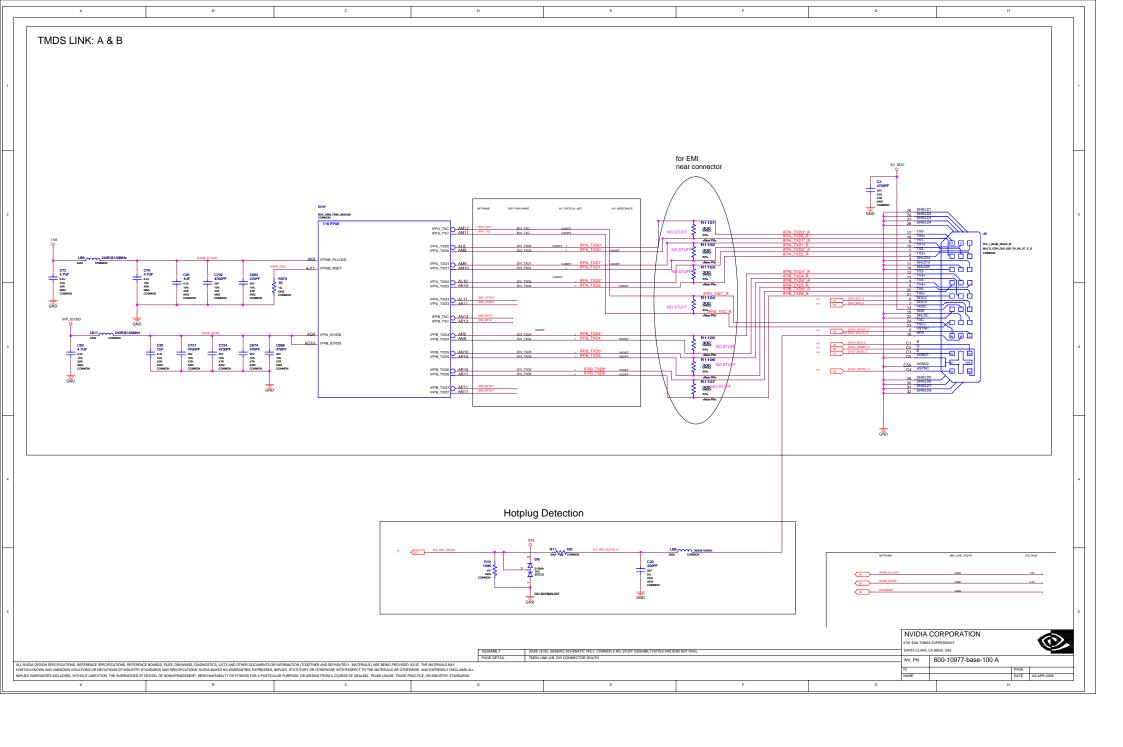


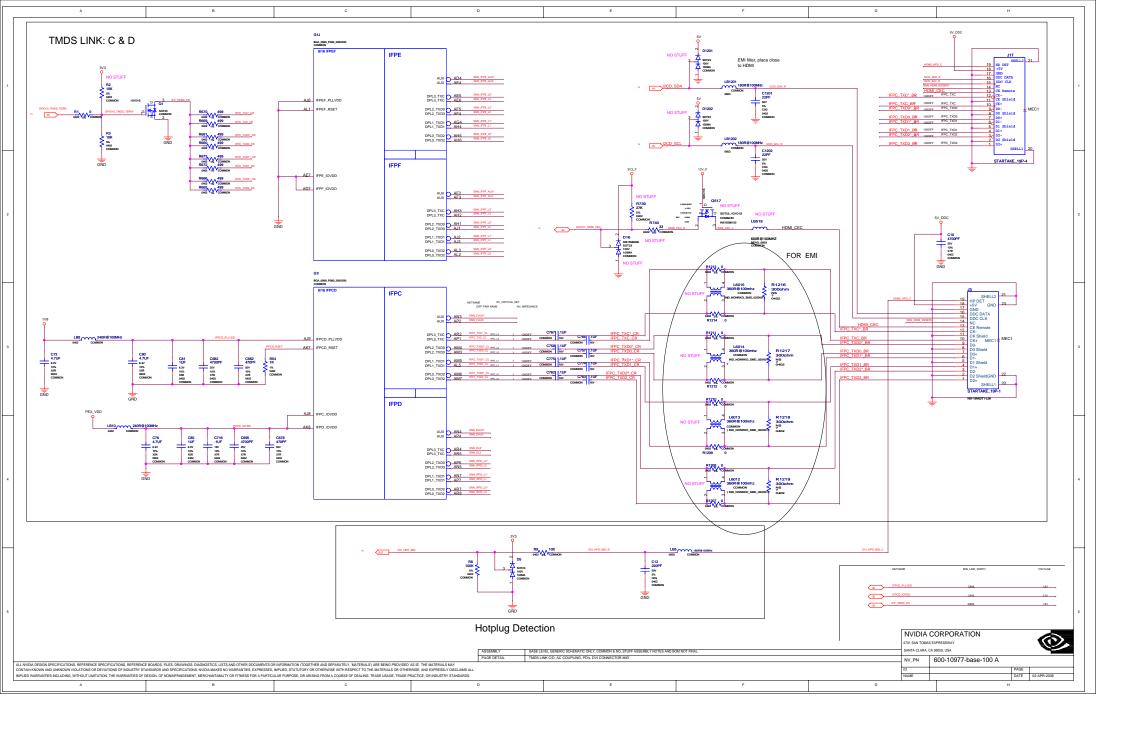


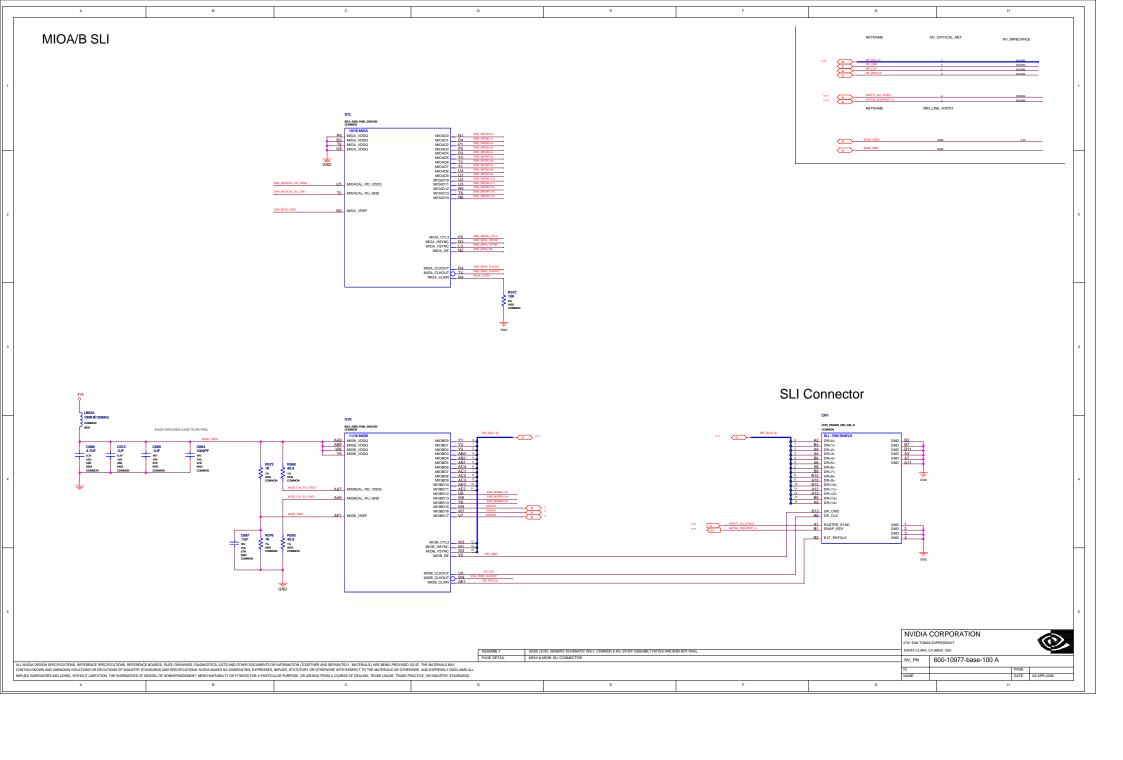


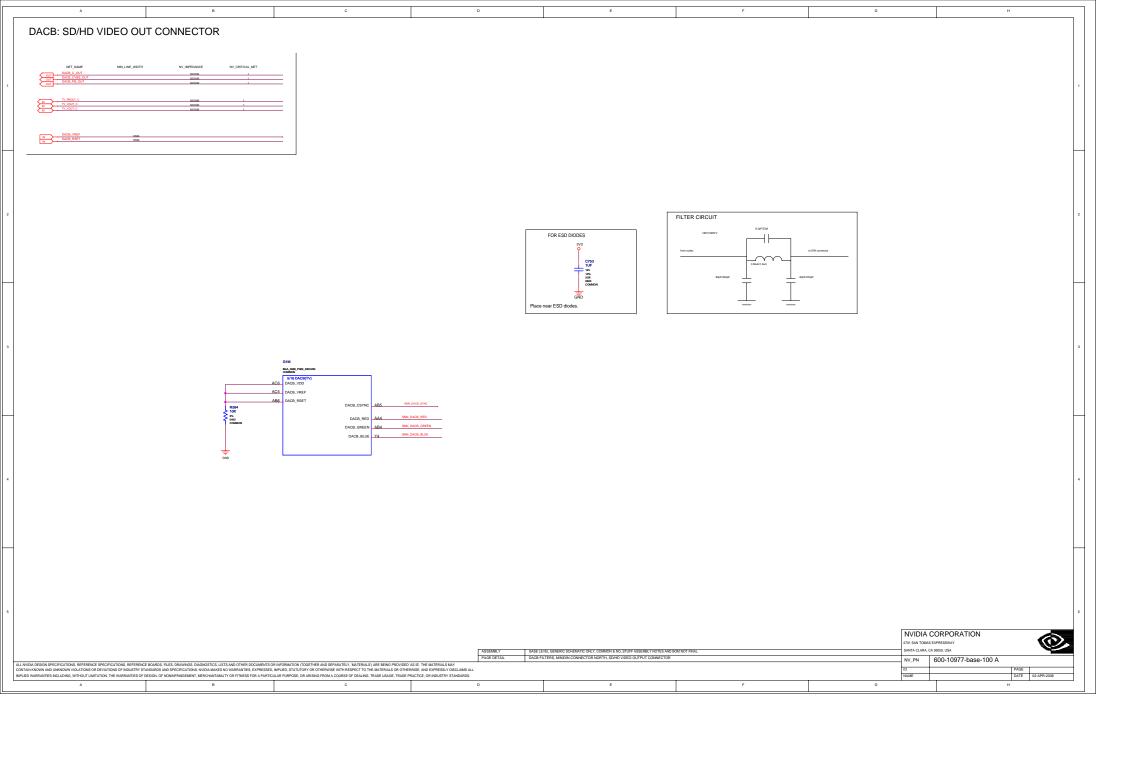


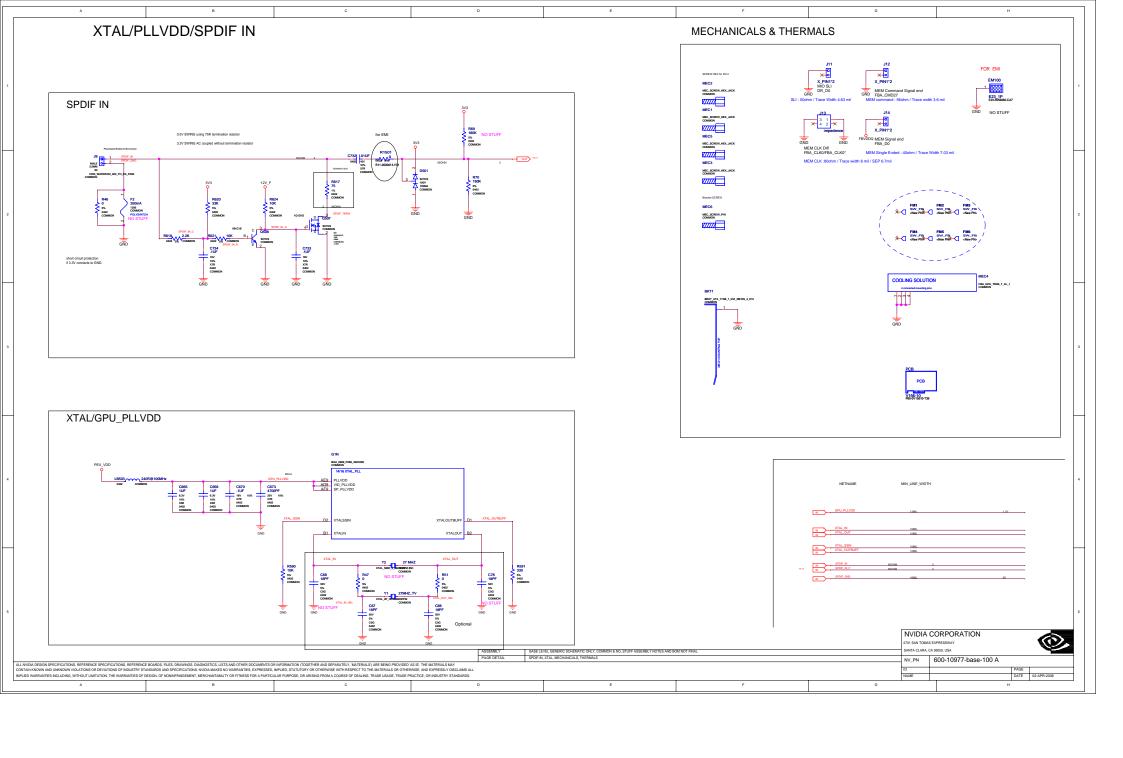


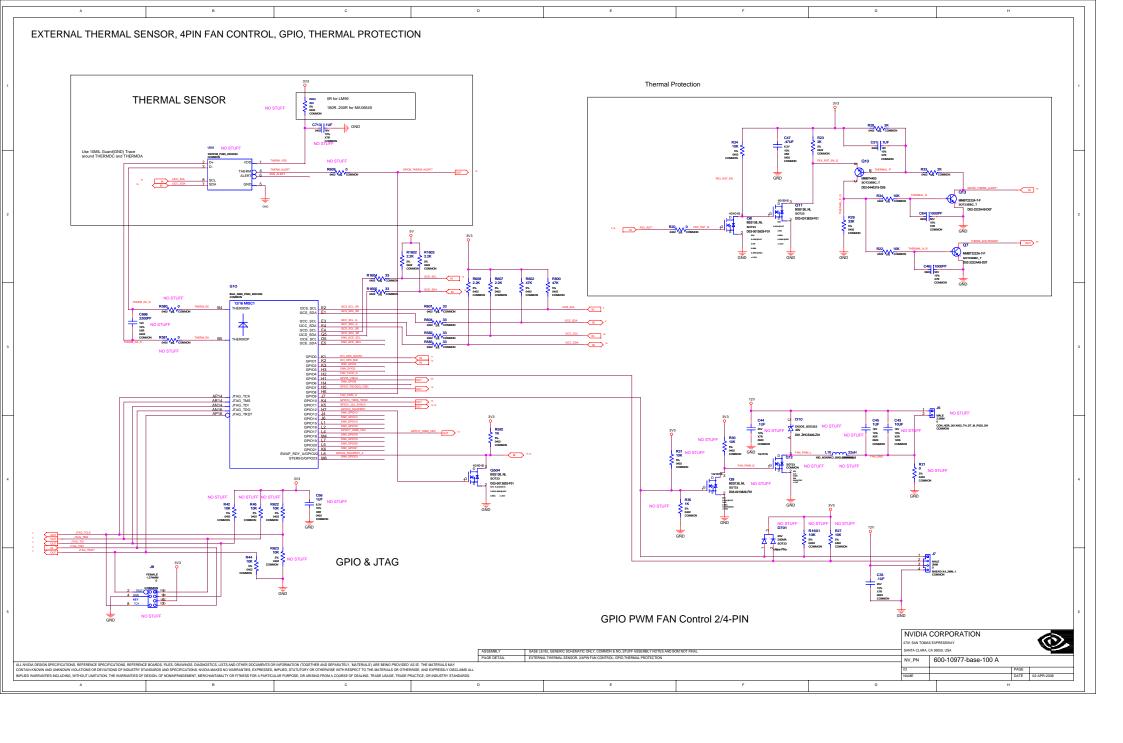


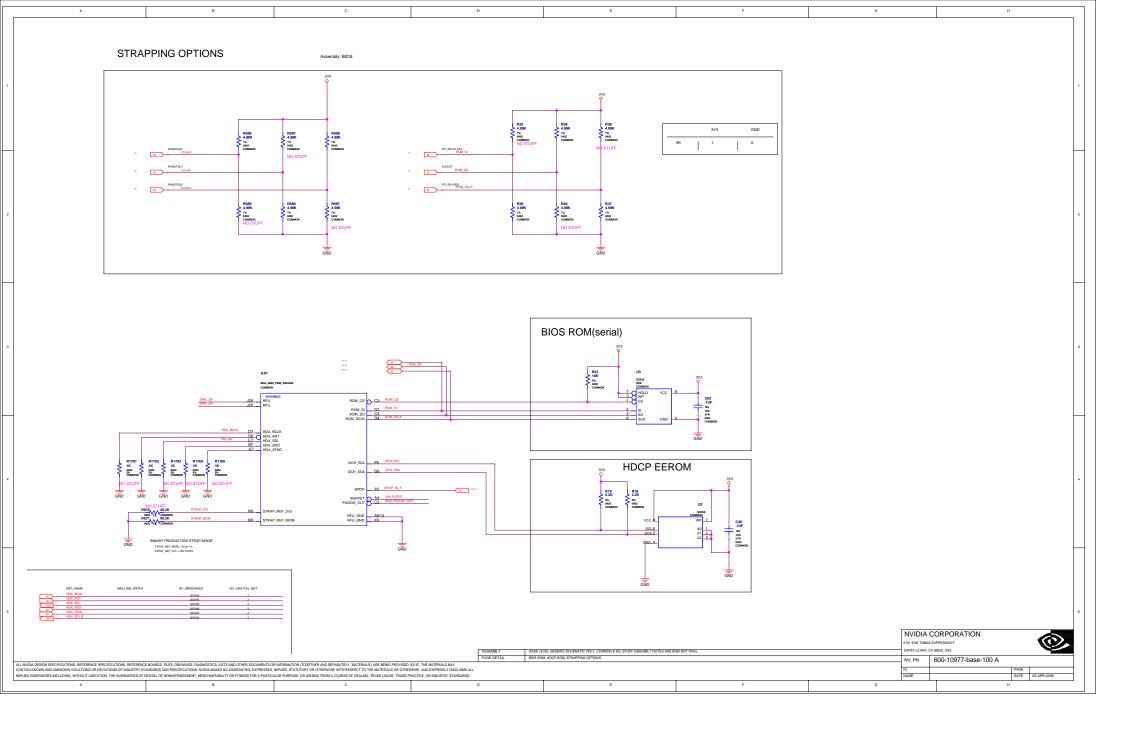


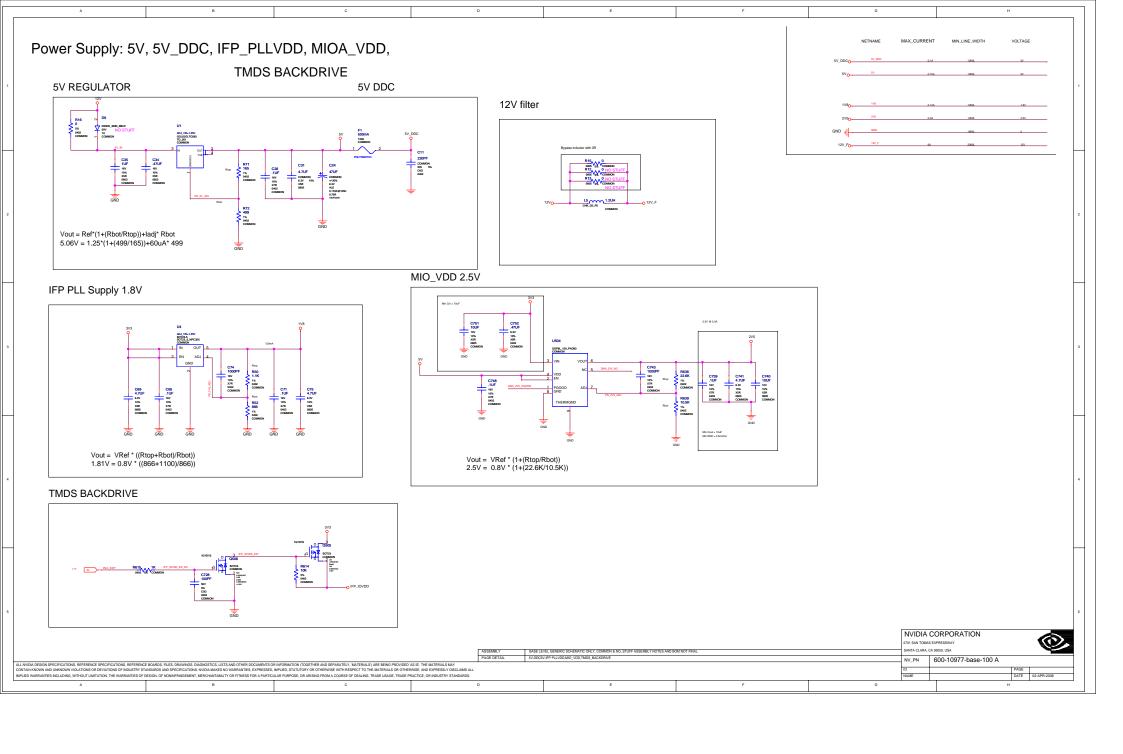


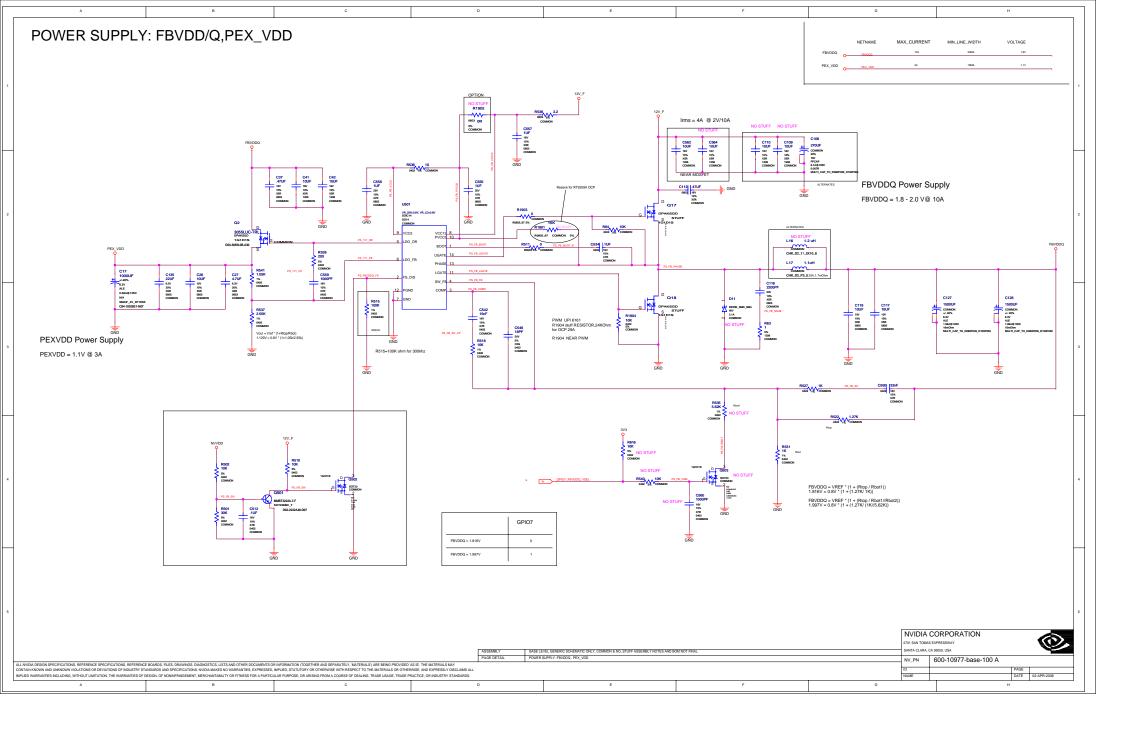


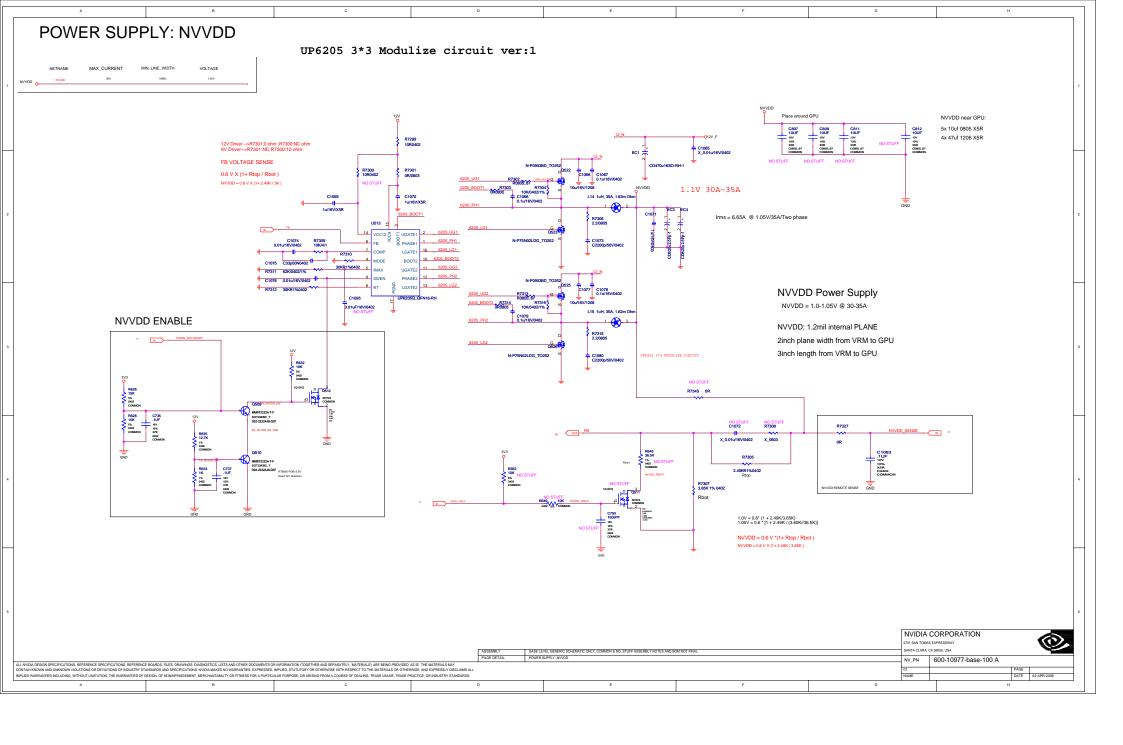












Title: Bissenet Report Design: p077_a00	FBA_CMD<15 4.18 4.2E FBA_CMD<12 4.28 4.2E	GPIC02_SWAPRDY_A 13.1G → 13.4F> 16.4D ↔	N/VDD_RBOT1 20.4E N/VDD_SENSE 2.4F> 2.5G> 20.4H:	PEX_TXXS	SNN_DAUX 12.4D SNN_DAUX 12.4D	SNN_MOA_HSYNC 13.2D SNN_MOA_VREF 13.2B
ge: pa7/_a00 : Jan 16 15:30:01 2008	FBA_CMD<13> 4.1E 4.2G	GPU_PLLVDD 15.4B 15.4G<	NVVDD_VSEL0 20.4E	PEX_TXX8 2:382:3G->	SNN_DL3 12.4D	SNN_MIOA_VSYNC 13.2D
	FBA_CMD<14> 4.28 4.2E	GPU_TESTMODE 2.5E	PEX_PLLVDD 2.4E 2.5G ↔	PEX_TXX8* 23823G↔	SNN_DL3* 12.4D	SNN_MOBD<12> 13.4D
nets and symonyms for	FBA_CMD<15> 4.28 4.2E	HDA_BCLK 17.48 17.5A<	PEX_PLL_CLK_OUT 22C	PEX_TXX7 2.38.2.3G->	SNN_FBA0_NC1 4.2B	SNN_MOBD<13> 13.4D
_lib.P977_A00(@p977_lib.p977_a00(ach	FBA_CMD<16> 4.18 4.1E FBA_CMD<17> 4.18 4.1E	HDA_RST* 17.4817.5Ac HDA_SDI 17.4817.5Ac	PEX_PLL_CLK_OUT* 2.2C PEX_PRSNT 2.1A.2.4A	PEX_TXXP 23823G⇔ PEX_TXX8 23G⇔248	SNN_FBA1_NC1 4.2E SNN_FBA_CMD7 3.3C	SNN_MOBD<14> 13.4D SNN_MOB_CLKOUT* 13.5D
Signal Location([Zona][dr])	FBA_CMD<17> 4.18 4.1E FBA_CMD<18> 4.1E 4.28	HDA_SDI 17.48 17.5A> HDA_SDI R 17.4A 17.5A>	PEX_PRSNT 2.1A 2.4A PEX_REFCLK 2.1G⇔ 2.2B	PEX_TXX8 2:3G ⇒ 2:4B PEX_TXX8* 2:3G ⇒ 2:4B	SNN_FBA_CMD26 3.3C SNN_FBA_CMD26 3.3C	SNN_MOB_CLKOUT* 13.5D SNN NC<1> 2.2E
	FBA_CMD<19> 4.18 4.1E	HDA_SDO 17.48 17.5A<	PEX_REFCLK* 2.1G⇔2.2B	PEX_TXX9 2:3G⇔ 2:4B	SNN_FBA_CMD28 3.9C	SNN_NC<2> 2.2E
8 18.1G	FBA_CMD<20> 4.18 4.1E	HDA_SYNC 17.4B 17.5A<	PEX_RST* 2:2C>2:2C>16:2E<	PEX_TXX9* 2.3G-> 2.4B	SNN_FBA_CMD29 3.9C	SNN_NC<3> 22E
/5 18.1G	FBA_CMD<21> 4.18.4.1E	12CA_SCL 9.1A⇔ 9.3C	18.5A<	PEX_TXX10 2:3G⇔ 2:4B	SNN_FBA_CMD90 3.9C	SNN_NC+4> 2.2E
3 2.5G 18.1G	FBA_CMD<22> 4.1B 4.2G FBA_CMD<23> 4.1B 4.1E	12CA_SCL_C 92A> 92G> 11.3G< 12CA_SCL_R 92A> 92F	PEX_RST_EN 16.2F PEX_RST_EN_O 16.2G	PEX_TXX10" 2:90 ⇒ 2.48 PEX_TXX11 2:90 ⇒ 2.48	SNN_FBA_WDS0 3.4B SNN_FBA_WDS0* 3.4B	SNN_NC-d> 2.9E SNN_NC-d> 2.9E
/_DDC 18.1G	FBA_CMD<23> 4.18.4.1E FBA_CMD<24> 4.18.4.2G	12CA_SCL_R 9.2A⇔ 9.2F 12CA_SDA 9.1A⇔ 9.9C	PEX_RST_EN_Q 16.2G PEX_RST_Q 16.2F	PEX_TXX11 2.3G⇔ 2.4B PEX_TXX111 2.3G⇔ 2.4B	SNN_FBA_WDS0* 3.4B SNN_FBA_WDS1 3.4B	SNN_NC-rb> 2.9E SNN_NC-rb> 2.9E
IN 18.2A	FBA_CMD<25> 4.18 4.1E	I2CA_SDA_C 9.2A > 9.2G > 11.3G <	PEX_RX0 228 24G<>	PEX_TXX12 2:30-0:24B	SNN_FBA_WDS1* 3.4B	SNN_NC-do 2.3E
V 2.5G	FBA_CMD<27> 4.1E 4.2B	12CA_SDA_R 9.2A⇔ 9.2F	PEX_RX0° 22B24G⇔	PEX_TXX12* 2.3G→ 2.4B	SNN_FBA_WDS2 3.4B	SNN_NC<0> 23E
V_F 18.1G	FBA_Dd3.0> 3.1A-> 4.1G-> 4.4B->	12CB_SCL 10.2A⇔ 10.3C	PEX_RX1 2.28 2.4G c>	PEX_TXX13 2:3G⇔ 2:5B	SNN_FBA_WDS2* 3.4B	SNN_NC<10> 2.9E
CA_BLUE 9.1A ~ 9.5E	FBA_DEBUG 3.4C	I2CB_SCL_C 10.2A >> 10.2H> 12.3G <	PEX_RX1* 2.28.2.4G↔	PEX_TXX13* 2.3G⇔ 2.58	SNN_FBA_WDS3 3.4B	SNN_NC<11> 2.9E
CA_BLUE_C 9.1A<>9.5G> 11.3G<	FBA_DEBUG_SEN0 4.28	12CB_SCL_R 10.2A⇔ 10.2D	PEX_RX2	PEX_TXX14 23G⇔ 25B	SNN_FBA_WDS3* 3.4B	SNN_NC<12> 2.9E
CA_GREEN 2.1A-> 2.4E CA_GREEN_C 2.1A-> 2.4G> 11.3G<	FBA_DEBUG_SEN1 4.2E FBA_DOM<7.0> 3.34> 4.1G<> 4.4B<>	12CB_SDA 10.2A⇔ 10.3C 12CB_SDA_C 10.1H⇒ 10.2A⇔ 12.3G<	PEX_RX2* 2.38.2.4G⇔ PEX_RX3 2.38.2.4G⇔	PEX_TXX14* 2.4G⇔ 2.5B PEX_TXX15 2.4G⇔ 2.5B	SNN_FBC0_NC1 7.2B SNN_FBC1_NC1 7.2E	SNN_NC<13> 2.3E SNN_NC<14> 2.3E
CA_GREEN_C 9.1Ac> 9.4G> 11.3Gc CA_HSYNC 9.1Ac> 9.3C	FBA_DQS_RN<7.0> 3.4A⇔ 4.1G⇔ 4.4B⇔ FBA_DQS_RN<7.0> 3.4A⇔ 4.1G⇔ 4.4B⇔	12CB_SDA_C 10.1Hs 10.2Acs 12.3Gc 12CB_SDA_R 10.2Acs 10.2D	PEX_RX3* 2.38 2.4G-> PEX_RX3* 2.38 2.4G->	PEX_TXX15 2.4G⇔ 2.5B PEX_TXX15* 2.4G⇔ 2.5B	SNN_FBC_CMD7 6.3C	SNN_NG<16 2.3E SNN_NG<15 2.3E
CA_HSYNC_BUF 9.1A ~ 9.3D	FBA_DQS_WP<7.0> 3.3A⇔ 4.1G⇔ 4.4B⇔	I2CC_SCL 16.2B< 16.3E<	PEX_RX4 2.38 2.4G⇔	PEX_VDD 19.1G	SNN_FBC_CMD26 6.3C	SNN_NC<16> 2.3E
CA_HSYNC_C 9.1Ac> 9.3G> 11.3Gc	FBA_VREF 3.1F⇔ 3.5B	12CC_SCL_G 16.3C	PEX_RX4" 2.3B 2.4G⇔	PS_1V1_CP 19.2C	SNN_FBC_CMD28 6:3C	SNN_NC<17> 2.3E
CA_HSYNC_R 9.1A⇔9.3E	FBA_VREF0 4.1G ⇔ 4.3C	12CC_SDA 16.2B⇔ 16.3E⇔	PEX_RXS 2.38 2.4G->	PS_1V1_DR 19.2C	SNN_FBC_CMD29 6.9C	SNN_NC<18> 2.9E
CA_RED 9.1A->9.4E	FBA_VREF1 4.1G → 4.3C	12CC_SDA_G 16.3C	PEX_RX5" 2.38.2.4G⇔	PS_1V1_FB 19.2C	SNN_FBC_CMD90 6.4C	SNN_NC<19> 2.9E
CA_RED_C 9.1A<>9.4G>11.3G< CA_RSET 9.1A<9.3B	FBA_VREF2 4.1G 4.3F	I2CH_SCL 17.4C	PEX.RX6 2.38 2.40	PS_1V8_ADJ 18.38	SNN_FBC_WDS0 6.48	SNN_NVVDD_NC1 20.3C
A_RSET 9.1A<9.3B	FBA_VREF3 4.1G→4.3F FBA 200 4.2B	I2CH_SDA 17.4C I2CS SCL 2.1C<16.3E<	PEX_RX8" 23824G⇔ PEX_RX7 23824G⇔	PS_2V5_ADJ 18.3E PS_FBVDDQ_FS 19.2C	SNN_FBC_WDS0* 6.4B SNN_FBC_WDS1 6.4B	SNN_NYVDD_NC2 20.3C SNN_NYVDD_NC3 20.3C
A_VREF 9.1A<9.3B	FBA_200 42B FBA_201 42E	12CS_SCL 2.1C<16.3E< 12CS_SCL_SR 16.3C	PEX_RX?* 2.38 2.4G-> PEX_RX?* 2.48 2.4G->	PS_PBV00Q_PS 19.2C PS_PB_B00T 19.2D	SNN_FBC_WDS1 6.48 SNN_FBC_WDS1* 6.48	SNN_NVVDD_NC4 20.3C SNN_NVVDD_NC4 20.3C
A_VSYNC 2:1A-> 2:3C	FBC_CLK0 6.4D>7.1G<7.2A<	12CS_SDA 2.1C > 16.3E >	PEX.RX8 2.48.2.4G->	PS_FB_BOOT_R 19.2E	SNN_FBC_WDS2 6.48	SNN_NVVDD_NCS 20.3C
CA_VSYNC_BUF 9.1A ~ 9.3D	7.4G	12CS_SDA_SR 16.9C	PEX_RX8* 2.4B.2.4G⇔	PS_FB_COMP 19:3D	SNN_FBC_WDS2* 6.4B	SNN_NVVDD_PI 20.2B
A_VSYNC_C	FBC_CLK0* 6.40> 7.1G< 7.2A<	IFPABRSET 11.5G↔	PEX_RX9 2.4B 2.4G<>	PS_FB_EN 19.4B	SNN_FBC_WDS3 6.48	SNN_PEX_CLKREQ* 2.1C
CA_VSYNC_R 9.1Ac> 9.3E	7.5G	FPAB_IOVDD 11.3811.5G⇔	PEX_RX9° 2.4B.2.4G ⇔	PS_FB_EN* 19.4C	SNN_FBC_WDS3* 6.4B	SNN_PEX_RFU1 2.5E
NCB_CVBS_QUT 14.1A-14.3F 14.4C NCB_C_QUT 14.1A-14.4C 14.4F	FBC_CLK0_PU 7.4G FBC_CLK1 6.4D>7.1G<7.2D<	IFPAB_PLLVDD 11.2B 11.5G<> IFPAB_RSET 11.2B	PEX_RX10 2.48.24G⇔ PEX_RX10* 2.48.24G⇔	PS_FB_FB 19.2D PS_FB_LGATE 19.2D	SNN_GPI02 16.3C SNN_GPI03 16.3C	SNN_PEX_RFU2 2:5E SNN_PEX_WAKE* 2:2B
ICB_C_OUT 14.1A-14.4C 14.4F ICB_PB_OUT 14.1A-14.4C 14.4F	FBC_CLK1 6.4D>7.1G<7.2D<	FPAB_RSET 11.2B FPA TXC 11.2D	PEX_RX10* 2.48.2.4G-> PEX_RX11 2.48.2.4G->	PS_FB_LGATE 19.20 PS_FB_PHASE 19.2E	SNN_GPIOS 16.3C SNN_GPIO6 16.3C	SNN_PEX_WAKE* 2.28 SNN PE PRSNT2 A 2.1A
CB_PB_OUT 14.1Ac 14.4C 14.4F CB_RSET 14.1Ac 14.3B	7.9G FBC_CLK1* 6.4D> 7.1G< 7.2D<	FPA_TXC 112D	PEX_RX11* 2.4B.2.4G->	PS_PB_PVCC5 19.20 PS_FB_PVCC5 19.20	SNN_GPI06 16:3C SNN_GPI013 16:3C	SNN_PE_PRSNT2_B 22A
NCB_VDD 143B	7.5G	IFPA_TXID0 11.2D	PEX_RX12 2.4B 2.5G ↔	PS_FB_RBOT 19.4F	SNN_GPI014 16.4C	SNN PE PRSNT2 C 2.3A
NCB_VREF 14.1A< 14.3B	FBC_CLK1_PU 7.5G	FPA_TX00* 11.20	PEX_RX12* 2.58.2.5G->	PS_FB_RC 19.3G	SNN_GPI015 16.4C	SNN_PE_RSVD2 2.2A
NCC_BLUE 10.1A⇔ 10.4C 10.5D	FBC_CMD<0> 7.18 7.2G	IFPA_TXD1 11.2D	PEX_RX13 2.5B.2.5G⇔	P8_FB_RC_CP 19.3D	SNN_GPI016 16.4C	SNN_PE_RSVD3 2.2A
CC_BLUE_C 10.1A -> 10.5Q> 12.4Q<	FBC_CMD<27.0> 6.3D>7.1A<7.1D	FPA_TXD1* 11.2D	PEX_RX13* 2.5B 2.5G->	PS_FB_SNUB 19:3F	SNN_GPI017 16.4C	SNN_PE_RSVD4 2:2A
ACC_GREEN 10.1Ac> 10.4C 10.4D	7.1Gc 7.2Gc	FPA_TX02 11.3D	PEX_RX14 25B25G->	PS_FB_UGATE 19.20	SNN_GPI018 16.4C	SNN_PE_RSVDS 2.2A
ACC_GREEN_C 10.1A-> 10.4G> 12.4G< ACC_HSYNC 10.1A-> 10.4C	FBC_CMD<1> 7.18 7.2E FBC_CMD<2> 7.18 7.2G	FPA_TXD2* 11.2D FPB_TXD4 11.3D	PEX_RX14* 2.58.2.5G⇔ PEX_RX15 2.58.2.5G⇔	PS_FB_VCCS 19.2C PS_FB_VCC12 19.2D	SNN_GPI019 16.4C SNN_GPI020 16.4C	SNN_PE_RSVD6 2:3A SNN_PE_RSVD7 2:4A
ICC_HSYNC 10.1A⇔ 10.4C	FBC_CMD<2> 7.187.2G FBC_CMD<2> 7.287.2F	FPB_TXD4 11.3D FPB_TXD4* 11.3D	PEX_RX15 2:58 2:56 > PEX_RX15* 2:56 > PEX_RX	PS_FB_VCC12 19.2D PS_FB_VSEL 19.4E	SNN_GPI020 16.4C SNN_GPI021 16.4C	SNN_PE_RSVD7 2.4A SNN_PE_RSVD8 2.4A
CC_HSYNC_GUF 10.1A-> 10.3D CC_HSYNC_C 10.2A-> 10.3H> 12.4G-<	FBC_CMD-4> 7.1E 7.2G FBC_CMD-4> 7.1E 7.2G	FPB_TXD4* 11:3D FPB_TXD5 11:3D	PEX_SMCLK 2.1B	PS_PS_VSEL 19.4E PS_NVVDD_BOOT1 20.1D.20.2C	SNN_GPI021 16.4C SNN_GPI023 16.4C	SNN_PGOOD_OUT* 17.4C
CC_HSYNC_R 10.1A -> 10.3E	FBC_CMD-5> 7.1E7.2G	IFPB_TXD5* 11.3D	PEX_SMDAT 2.18	PS_NVVDD_BOOT1_RC 20.1C	SNN_IZCD_SCL 16.3C	SNN_STEREO 14.4G
CC_RED 10.1Ac> 10.4C 10.4D	FBC_CMD+6> 7.1E 7.2G	IFPB_TXD6 11.3D	PEX_TCLK 2.1B	PS_NVVDD_BOOT2 20.1D 20.2C	SNN_I2CD_SDA 16.3C	SPDIF_GND 15:2A 15:5G<
NCC_RED_C 10.1Ac> 10.4G> 12.4G<	FBC_CMD<8> 7.18 7.1E	IFPB_TXD6* 11.3D	PEX_TDI 2.1B	PS_NV/DD_BOOT2_RC 20.9C	SNN_I2CE_SCL 16.3C	SPDIF_IN 15.2A 15.5G<
ACC_RSET 10.1A⇔ 10.4B	FBC_CMD<9> 7.18 7.1E	IFPCD_IOVDD 12.4B 12.5Gc>	PEX_TDO 2.1B	PS_NVVDD_CP 20.28	SNN_I2CE_SDA 16.3C	SPDIF_IN_C 15.2B
ACC_VDD 10.38	FBC_CMD<10> 7.18.7.1E	FPCD_PLLVDD 12.38 12.5G->	PEX_TERMP 2.5E	PS_NVVDD_DRVH1 20.1D	SNN_IFPE_AUX 12.1D	SPDIF_IN_F 15.20> 15.50< 17.40<
ACC_VREF 10.1A⇔ 10.4B ACC_VSYNC 10.1A⇔ 10.4C	FBC_CMD<11> 7.18 7.2E FBC_CMD<12> 7.28 7.2E	IFPCD_RSET 12.3B IFPC_L0 12.3D	PEX_TMS 2.1B PEX_TRST* 2.1B	PS_NVVDD_DRVH2 20.2C PS_NVVDD_DRVL1 20.2C	SNN_IFPE_AUX* 12.1D SNN_IFPE_L0 12.1D	SPDF_N_G 1528 SPDF_N_R 152B
ACC_VSYNC 10.1A⇔ 10.4C ACC VSYNC BUF 10.1A⇔ 10.3D	FBC_CMD<12> 7.28 7.2E FBC_CMD<13> 7.1E 7.2G	IFPC_L0 12:3D IFPC_L0* 12:3D	PEX_TRST* 2.18 PEX_TX0 2.1G⇔ 2.20	PS_NVVDD_DRVL1 20.2C PS_NVVDD_DRVL2 20.9C	SNN_IFPE_L0 12.1D SNN_IFPE_L0* 12.1D	SPDIF_IN_R 15.2B SPDIF_TERM 15.2C
ACC_VSYNC_BUF 10.1A > 10.3D ACC_VSYNC_C 10.2A > 10.3H > 12.4G <	FBC_CMD<14> 7.1E 7.2G FBC_CMD<14> 7.2B 7.2E	IFPC L1 12:3D	PEX_TX0 21G-> 22G PEX_TX0* 21G-> 22G	PS NVVDD EN 20.58	SNN_FPE_L0* 12.1D SNN_FPE_L1 12.1D	SPDF_TERM 15.2C STRAP0 13.4E⇔17.2B<
ACC_VSYNC_R 10.1A > 10.3E	FBC_CMD<15> 7.28 7.2E FBC_CMD<15> 7.28 7.2E	FPC_L1* 12:30	PEX_TX1 2.1G > 2.2D	PS_NVVDD_EN* 20.4B	SNN_IFPE_L1* 12.1D	STRAP1 13.4E-> 17.2B->
IC_VDD 9.1Ac	FBC_CMD<16> 7.18 7.1E	IFPC_L2 12:3D	PEX_TX1* 2.1G⇔ 2.2C	PS_NVVDD_EN_AND 20.5B	SNN_IFPE_L2 12.1D	STRAP2 13.4E-> 17.2B-:
R_CLK 13.1G-> 13.5D	FBC_CMD<17> 7.18 7.1E	IFPC L2* 12.3D	PEX_TX2 2.2D.2.2G↔	PS NV/DD FB 20.28	SNN_IFPE_L2* 12.1D	STRAP_3V3 17.4B
R_CMD 13.1G⇔13.5D	FBC_CMD<18> 7.1E 7.2B	IFPC_L3 12:3D	PEX_TX2* 2.2C.2.2Ge>	PS_NVVDD_FS 20.2B	SNN_IFPE_L3 12.1D	STRAP_MIOB 17.4B
Dc14.0s 13.1Go 13.4Do	FBC_CMD<19> 7.18 7.1E	#FPC_L3* 12.30 #FPC_TXC 12.1F 12.3E	PEX_TX3 220 ÷ 230	PS_NVVDD_CC 20:3C	SNN_IFPE_L3* 12.1D	THERMAL_N 16.2G
13.4Fo	FBC_CMD<20> 7.18 7.1E	FPC_TXC 12.1F 12.3E	PEX_TX3* 2.2G = 2.3C	PS_NVVDD_PG00D 19.48< 20.28>	SNN_IFPF_AUX 12.2D	THERMAL, N. R. 18.2G THERMAL, P. 18.2G
REFCLK 13.1G→ 13.5D LHPD_MID 12.5C> 16.3D<	FBC_CMD-21> 7.18 7.1E FBC_CMD-22> 7.18 7.2G		PEX_TX4 2.2G-> 2.3D PEX_TX4* 2.2G-> 2.3C	PS_NVVDD_PH1 20.2C PS_NVVDD_PH2 20.2C	SNN_IFPF_AUX* 12.2D SNN_IFPF_L0 12.2D	THERMAL P. 16.2G THERMAL P.Q 16.2G
HPD_MID_C 12.4G	FBC_CMD<225 7.18 7.2G FBC_CMD<235 7.18 7.1E	FPC_TXD0 12.1F 12.3E IFPC_TXD0* 12.1F 12.3E	PEX_TX8	PS_NVVDD_PC 20.4G	SNN_IFPF_L0 12.2D SNN_IFPF_L0* 12.2D	THERMALP_C 16.26 THERM_ALERT 16.28
HPD_MID_R 12.5E	FBC_CMD<24> 7.18 7.2G	FPC_TXD1 12.2F 12.3E	PEX_TXS* 22G⇔23C	PS_NVVDD_RC1 20.2F	SNN_IFPF_L1 12.2D	THERM_DA 1638
HPD_SOUTH 11.5C>16.3D<	FBC_CMD<25> 7.18 7.1E	FPC_TXD11 12.1F 12.3E	PEX_TX8 22G-> 23D	PS_NVVDD_RC2 20.3F	SNN_IFPF_L1* 12:2D	THERM_DA_R 16.3A
HPD_SOUTH_C 11.3G	FBC_CMD<27> 7.1E 7.2B	IFPC_TXD2 12:2F 12:3E	PEX_TX8* 2.2G⇔ 2.3C	PS_NVVDD_RC_CP 20.1B	SNN_IFPF_L2 12.2D	THERM_DC 16.3B
HPD_SOUTH_R 11.5E	FBC_Dd3.0> 6:1A-> 7:1G-> 7:4B->	IFPC_TXD2* 12:2F 12:3E	PEX_TX7 2.2G-> 2.3D	PS_NVVDD_SS 20.2B	SNN_IFPF_L2* 12:2D	THERM_DC_R 16.3A
_GND 16.4G	FBC_DEBUG 6.4C	IFPC_TXD3 12:2F 12:4E	PEX_TX?* 2.2G→ 2.3C	PS_NVVDD_VCC 20.2C	SNN_IFPF_L3 12.2D	THERM_SHUTDOWN* 16.2Hs 20.4Ac
_PWM_G 16.9C _PWM L 16.4F	FBC_DEBUG_SENO 7.28	FPC_TXD3* 12.2F 12.4E FPC_TXD4 12.2F 12.4E	PEX_TX8 22G->24D	PS_NVVDD_VSEN 20.4G ROM_CS* 17.3C	SNN_IFPF_L3* 12:2D	THERM_VDD 16.28 TV_COUT_C 14.1A⇔ 14.4G
LPWM_L 16.4F	FBC_DEBUG_SEN1 7:2E FBC_DDMx7.0> 6:3A> 7:1G> 7:4B>	FPC_TXD4 12.2F 12.4E FPC_TXD4* 12.2F 12.4E	PEX_TX8* 2.2G⇔ 2.4C PEX_TX9 2.2G⇔ 2.4D	ROM_CS* 17:3C ROM_SCLK 17:2D<17:3C<>	SNN_J25 17.38 SNN_J26 17.38	TV_COUT_C 14.1A⇔ 14.4G TV_PBOUT_C 14.1A⇔ 14.4G
N_PWM_Q 164F N_TACH_G 163C	FBC_DQM:7.0> 8.3A> 7.1G=> 7.4B=> FBC_DQS_RN:7.0> 8.4A=> 7.1G=> 7.4B=>	IFPC_TXD4* 12.2F 12.4E IFPC_TXD5 12.2F 12.4E	PEX_TX9 2.2G⇔ 2.4D PEX_TX9* 2.2G⇔ 2.4C	ROM_SCLK 17:20<17:30<>	SNN_J26 17:3B SNN_MDIN 14:4G	TV_PBOUT_C 14.1A⇔ 14.4G TV_YOUT_C 14.1A⇔ 14.3G
CTACH_G 18.9C _CLK0 3.4D> 4.1G< 4.2A<	FBC_DQS_WP-7.05 63A-o-7.1G-o-7.4B-o FBC_DQS_WP-7.05 63A-o-7.1G-o-7.4B-o	IFPC_TXDS 12.2F 12.4E IFPC_TXDS* 12.2F 12.4E	PEX_TX9* 2.2G-> 2.4C PEX_TX10 2.2G-> 2.4D	17.3Co ROM_SI 17.2Dc 17.3Co	SNN_MONCACAL_PD_VDD 13.28	TV_YOUT_C 14.TA-5 14.3G XTAL_IN 15.4Gc 15.9C
4.4G	FBC VREF0 7.1G⇔7.3C	IFPD LO 12.4D	PEX_TX10* 2.2G to 2.4C	17.9Co	0	XTAL_IN_SEL 15.5C
_CLK0* 3.4D> 4.1G< 4.2A<	FBC_VREF1 7.1G⇔ 7.3C	FP0_L0* 12.40	PEX_TX11 22G⇔ 24D	ROM_SO 17.20< 17.3C<>	SNN_MIOACAL_PU_GND 13.2B	XTAL_OUT 15.4G< 15.5D
4.4G	FBC_VREF2 7.1G o 7.3F	IFPD 11 124D	PEX_TX11* 22G > 24C	17.3Co	SNN_MIQAD<0> 13.1D	XTAL_OUTBUFF 15:4D 15:5G<
CLK0_PU 4.4H	FBC_VREF3 7.1G-> 7.3F	FPD_L1* 12.4D	PEX_TX12 2.2G-> 2.4D	8NN_2V5_NC 18.3E	SNN_MOAD<1> 13.1D	XTAL_OUT_SEL 15.5D
_CLK1 3.4D> 4.1G< 4.2D<	FBC_Z00 7.28	FPO_L2 12.4D	PEX_TX12" 22G⇔ 24C	SNN_2V5_PGOGD 18:3D	SNN_MIOAD<2> 13.1D	XTAL_SSIN 15.4C 15.5G<
45G 4_CLK1* 3.4D> 4.1G< 4.2D<	FBC_ZQ1 7.2E FBVDDQ 12.1G	FPD_L2* 12.4D FP DVDD EN* 18.58	PEX_TX13	SNN_SVSALIX 2.1A SNN_ALERT 16.2B	SNN_MOAD<3> 13.1D SNN_MOAD<4> 13.2D	
45G	FB_CAL_PD 8.1F->	FP_IOVDO_EN* 18:58 IFP_IOVDO_EN_RC 18:58	PEX_TX19 22G-25C PEX_TX14 22G-25D	SNN_ALERT 16.28 SNN_ATXD3 11.3D	SNN_MIGAD-45 13:2D SNN_MIGAD-45 13:2D	
A_CLK1_PU 4.5H	FB_CAL_PD_VDDQ 65C	FP_TERM_PD 12.1F 12.5G⇔	PEX_TX14* 22G-0.25C	SNN_ATXD3* 11.3D	SNN_MIOADels 13.2D	
CMD-0> 4.18.4.2G	FB_CAL_PU 6.1F->	JTAG_TCLK 2.1C<18.4A>	PEX_TX15 2.2G > 2.5D	SNN_A_MON_ID0 9.4H	SNN_MOAD<7> 13.2D	
_CMD<270> 3.2D> 4.1A< 4.1D<	FB_CAL_PU_GND 6:5C	JTAG_TDI 2.1C<16.4A>	PEX_TX15* 2.2G ⇔ 2.5C	SNN_A_MON_ID2 9.4G	SNN_MIOAD-8> 13.2D	
4.10cs 4.20c	FB_CAL_TERM 6.1F-o	JTAG_TDO 2.1C>16.5A<	PEX_TXXX 22B 23G⇔	SNN_BTXC 11.3D	SNN_MIQAD-sl> 13.2D	
A_CMD<1> 4.18.4.2E	FB_CAL_TERM_GND 6.5C	JTAG_TMS 2.1C<16.4A>	PEX_TXXX* 2.28.2.3G->	SNN_BTXC* 11.3D	SNN_MOAD<10> 13.2D	
CMD-2> 4.18.4.2G	FB_PLLAVDD 3.1F-> 3.4D> 6.4F>	JTAG_TRST* 2.1C<16.5A>	PEX_TXX1 22B23G↔	SNN_BTXD7 11.3D	SNN_MIOAD<11> 13.2D	
CMD CMD CMD 428 42E CMD 41E 42G	GPIO5_VSEL0 16:3D> 20:4D GPIO7_FBVDDQ VSEL 16:3D> 18:4D	MIOA_CLKIN 13.2D MIOB CAL PD VDDQ 13.4C	PEX_TXX1° 22823G⇔ PEX_TXX2 22823G⇔	SNN_BTX07* 11.3D SNN BUFRST* 17.4C	SNN_MOAD-12> 13.2D SNN_MOAD-13> 13.2D	
CMD-4> 4.1E 4.2G CMD-d> 4.1E 4.3G	GPI07_FBVDDQ_VSEL 16:3D> 19:4D GPI08_THERM_ALERT* 16:2D> 16:2H	MIOB_CAL_PU_UDDQ 13.4C MIOB_CAL_PU_GND 13.4C	PEX_TXX2 22B23G-> PEX_TXX2 22B23G->	SNN_BUFRST* 17.4C SNN_CAUX 12.3D	SNN_MOAD<13> 13.2D SNN_MOAD<14> 13.2D	
CMD-do 4.1E 4.3G CMD-do 4.1E 4.3G	GPIOS_THERM_ALERT* 16:20> 16:20> GPIO10_TMDS_TERM 12:10< 16:30>	MIOB_CAL_PU_GND 13.4C MIOB_VDDQ 13.1G \$\ightarrow\$ 13.4B	PEX_TXX2* 22823G-> PEX_TXX3 23823G->	SNN_CAUX 12:3D SNN_CAUX* 12:3D	SNN_MIGAD-14-> 13.2D SNN_MIGAD_CTL3 13.2D	
CMD-db 4.18.4.1E	GPIO10_IMDS_TERM* 12.1E	MOB VREF 13.2G⇔13.4G	PEX_TXX3* 2.38.2.3G-c	SNN C MON ID0 10.4H	SNN MIOA CLKOUT 13:20	
CMD-do 4:18:4:1E	GPIO11_SU_SYNC0 13.1Gc> 13.4Fc 16.3D>	MIOB_VREF 13.2G-> 13.4C NV/DD 20.1A	PEX_TXXX 23B23G->	SNN_C_MON_ID2 10.4G	SNN_MIOA_CLKOUT* 13:2D	
CMD<10> 4.18 4.1E	GPIO12_SWAPRDY 16.3C	NVVDD_GND_SENSE 2:5G⇔	PEX_TXX4* 2.38.2.3G↔	SNN_DACB_SYNC 143C	SNN_MOA_DE 13.2D	
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WN AND UNKNOWN VIOLATIONS OR DEVIATIONS OF INDUSTRY STANDARDS AT	ID SPECIFICATIONS. NVIDIA MAKES NO WARRANTIES, EXPRESSED, IMPLIED,	ATION (TOGETHER AND SEPARATELY, MATERIALS) ARE BEING PROVIDED AS IS: THE MATE STATUTIORY OR OTHERWISE WITH RESPECT TO THE MATERIALS OR OTHERWISE, AND EXPR POSE, OR ARISING FROM A COURSE OF DEALING, TRADE USAGE, TRADE PRACTICE, OR IND	RIALS MAY ESSLY DISCLAIMS ALL			NV_PN 600-10977-base-100 A D

Color Colo		C69 [1844] C60 [2-10] C60 [2-10] C61 [2-10] C62 [2-11] C63 [2-10] C64 [2-20] C64 [2-20] C66 [2-11] C66 [2-20] C67 [2-20] C69 [2-20] C69 [2-20] C60 [2-20]	Cost 14.20 Cost 19.91 Cost	다시 [8-38] CHA [9-50] CHA [10 10 10 10 10 10 10 10	18.20 18.2	854 720 864 720 865 720 866 720 867 720 867 720 868 720 869 720	MSS MSS	2
	ASSEMBLY BASE LEVEL GENERAL EXHAUNT CHAY, COMMON & NO. STUFF ASSEMBLY NOTES AND BOMNOT FINAL. ASSEMBLY BASE LEVEL GENERAL EXHAUNT CHAY, COMMON & NO. STUFF ASSEMBLY NOTES AND BOMNOT FINAL. STATE AND	17.90	Company Comp	Crist Deadly	MA (ASE 400 400 487 497 MEC1 [18-17] MEC2 [18-17] MEC3 [18-27] MEC4 [18-27] MEC5 [18-27] MEC6 [18-27] MEC6 [18-27] MEC7 [18-28] MEC8 [18-28] MEC9	Res (-24) Res (-	1950 1950	USS [0.30 0.30] USS [1.30 0.30] USS [1.30 0.30] USS [0.30 0.30] USS [0.30 0.30]	4

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