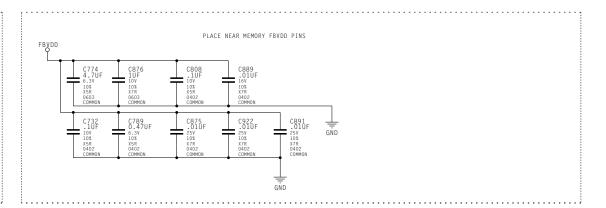
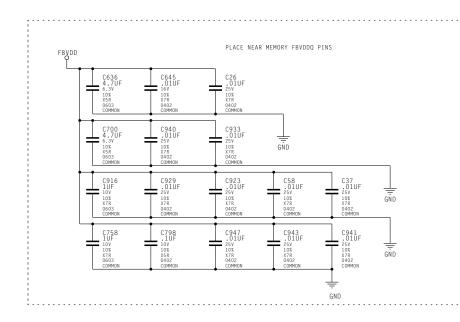


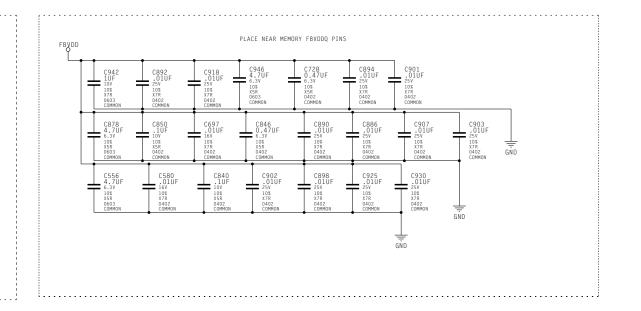
12. FRAMEBUFFER: PARTITION C DECOUPLING

Decoupling for FBC 0..31

Decoupling for FBC 32..63



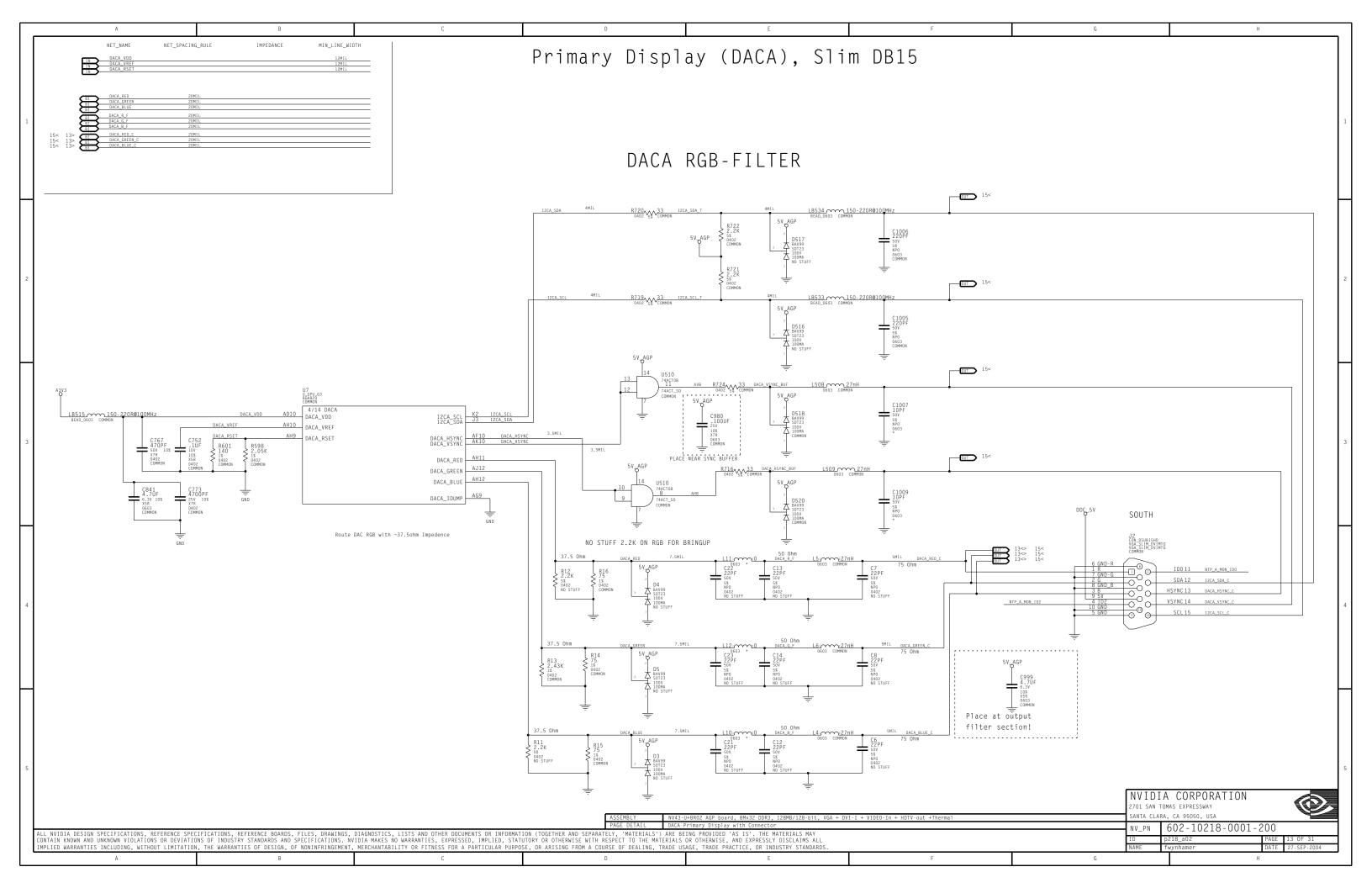


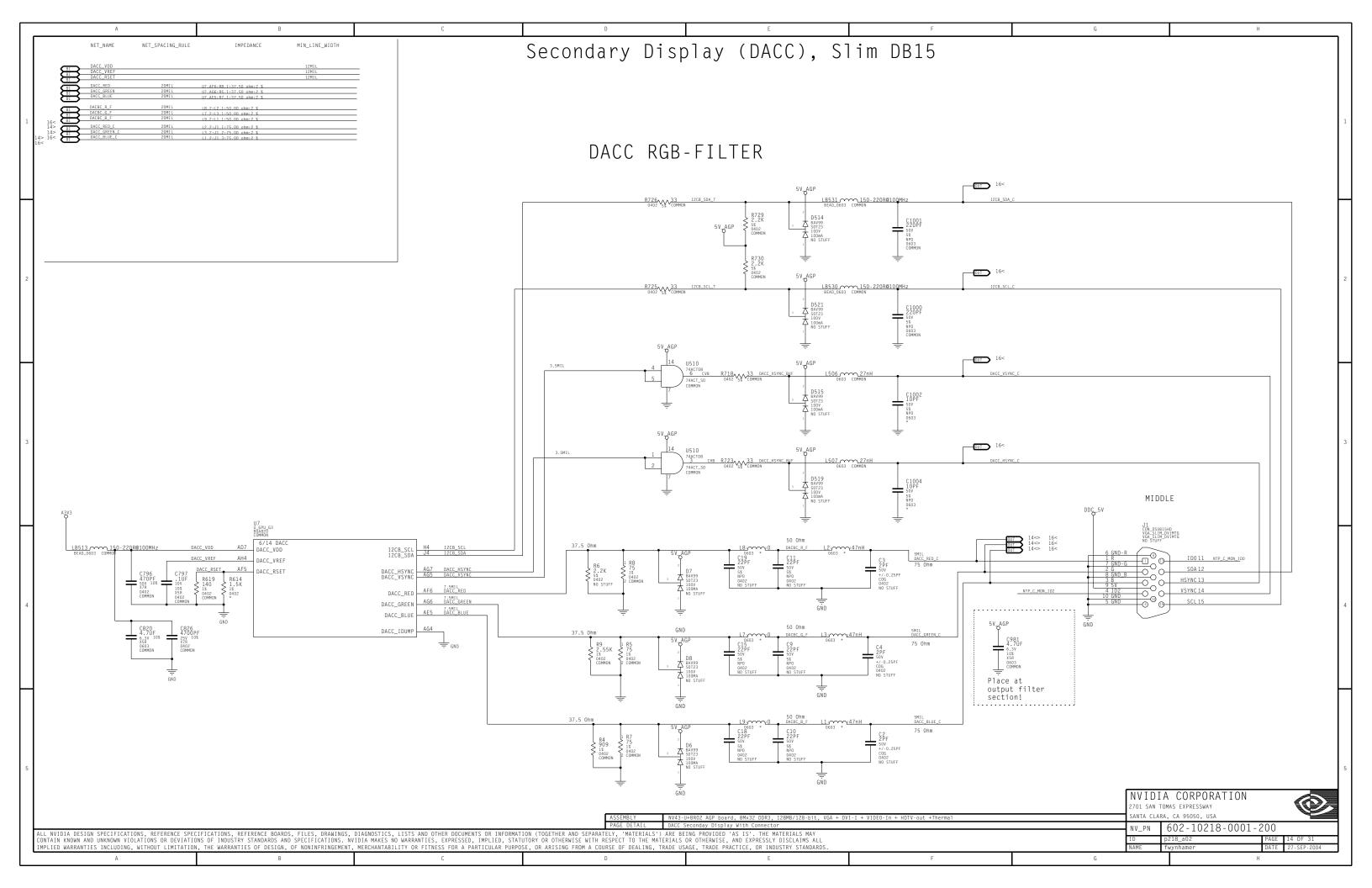


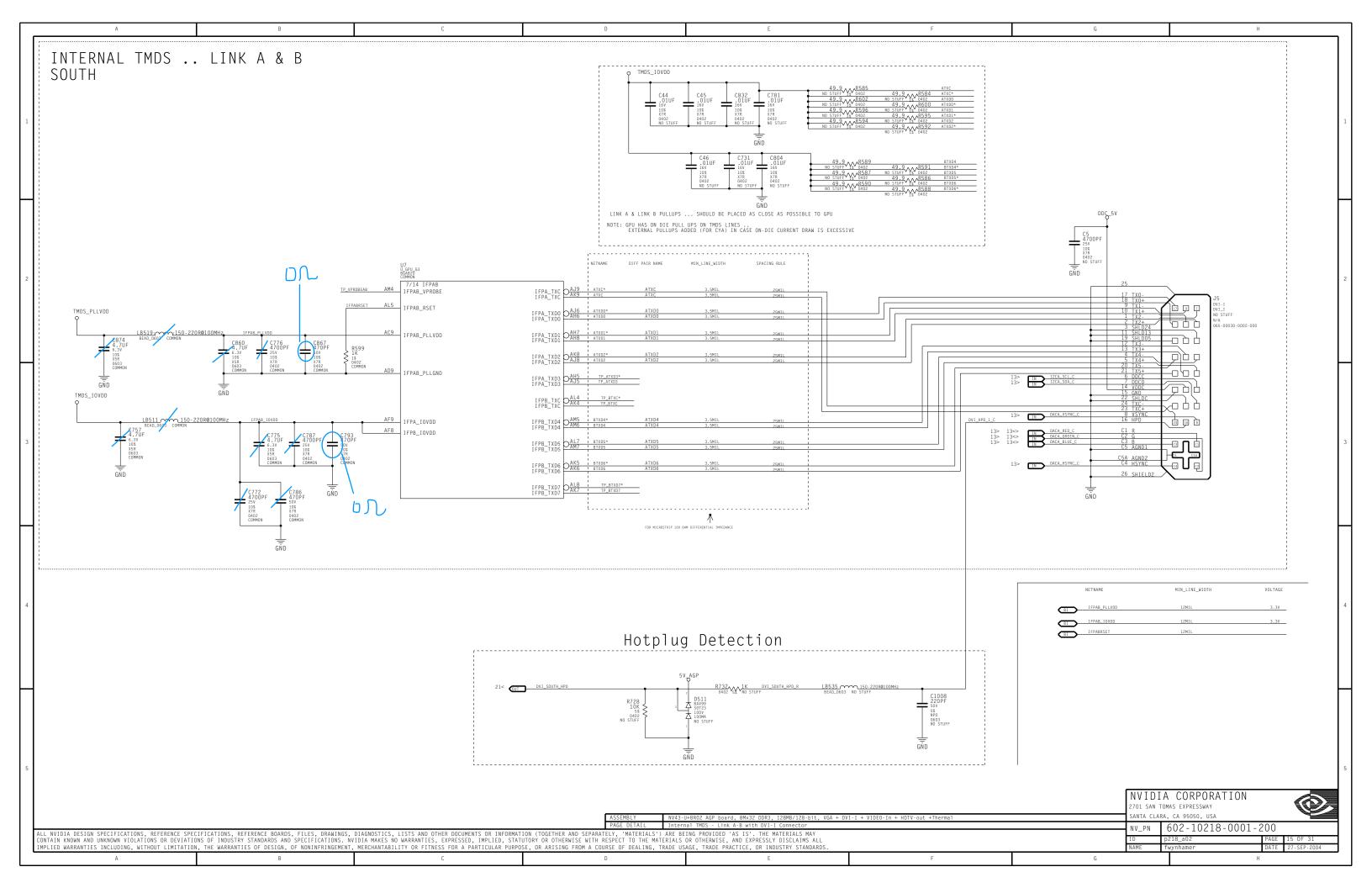
NVIDIA CORPORATION

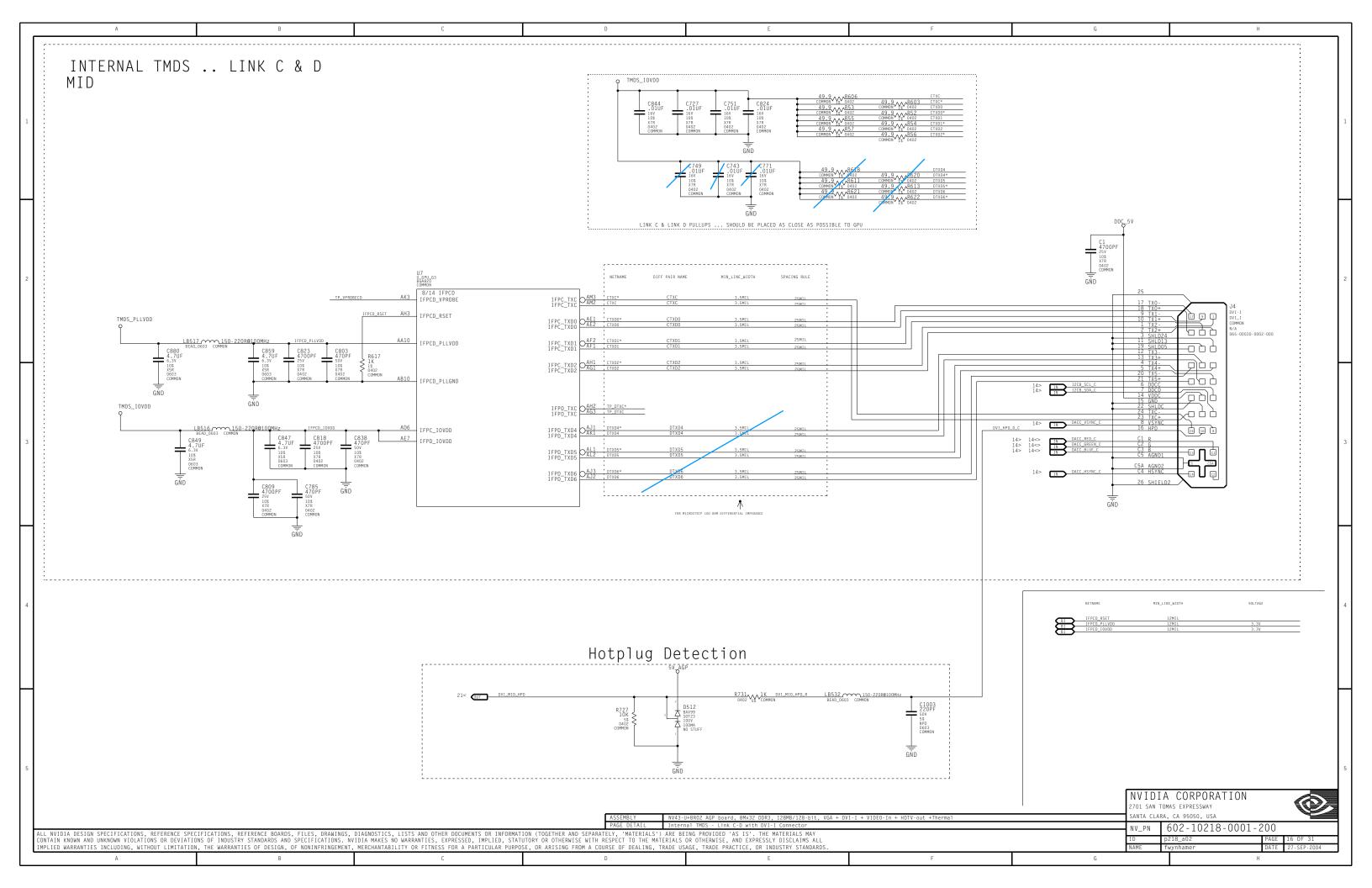
2701 SAN TOMAS EXPRESSWAY

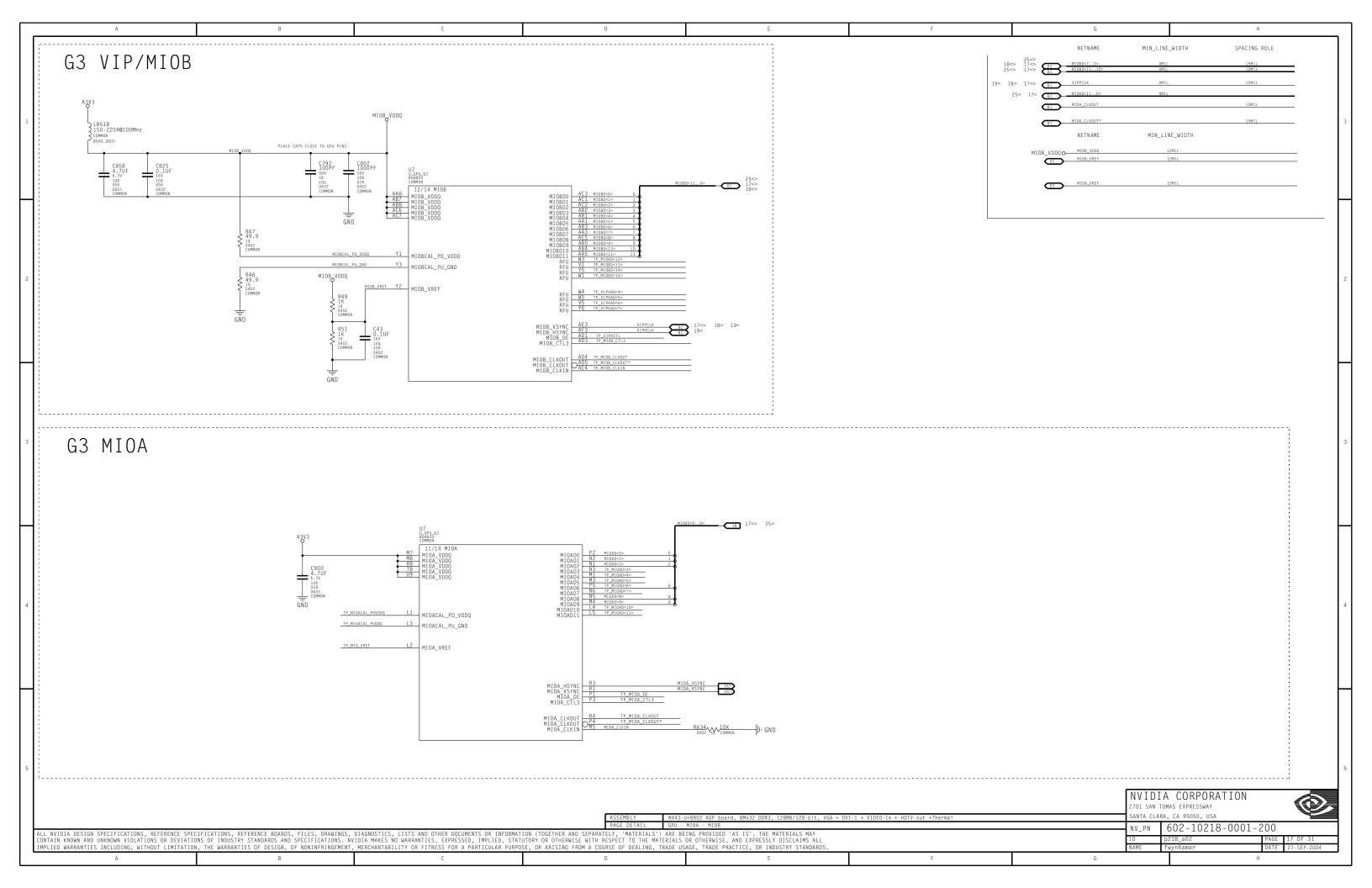
602-10218-0001-200

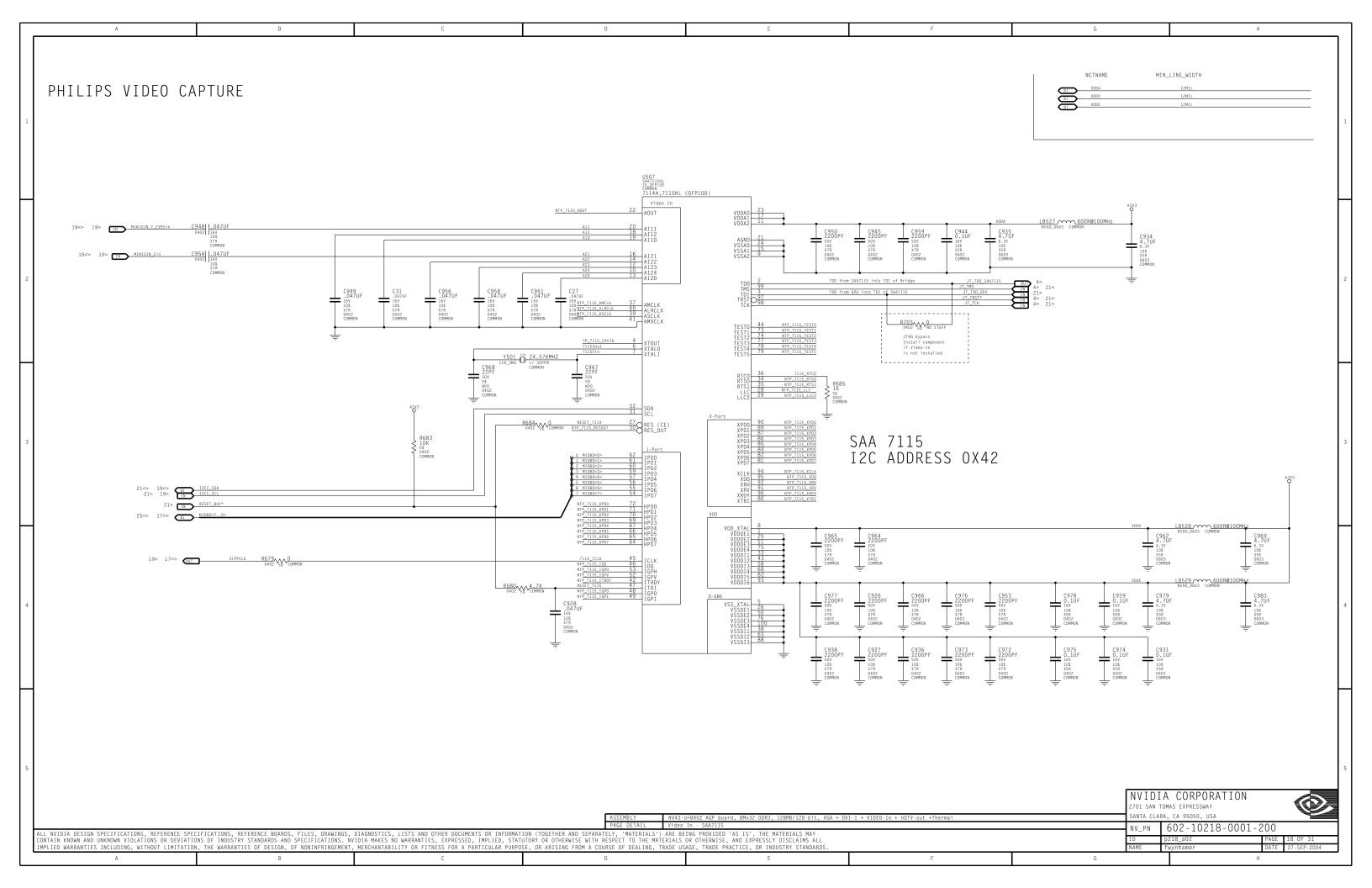


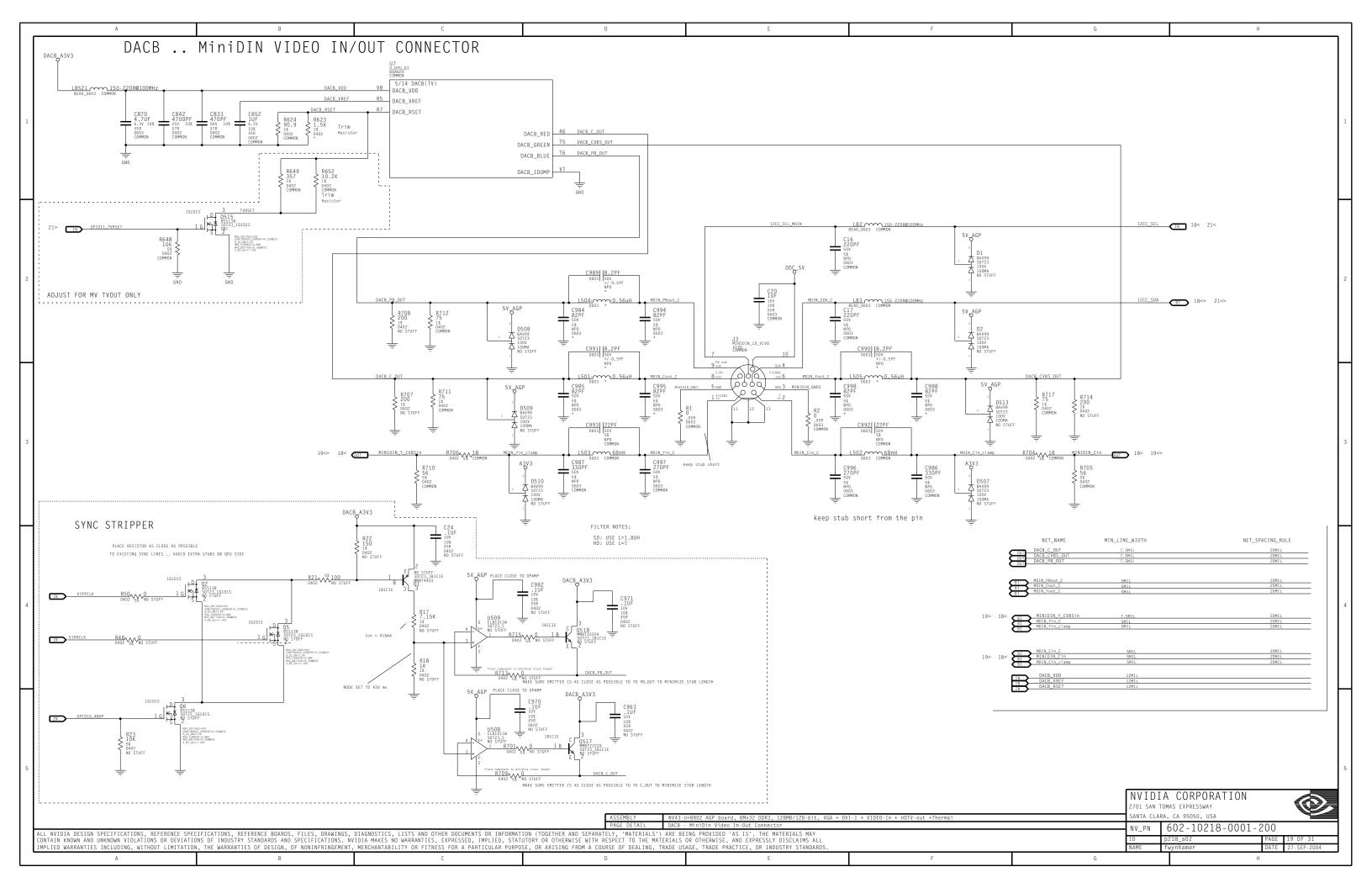


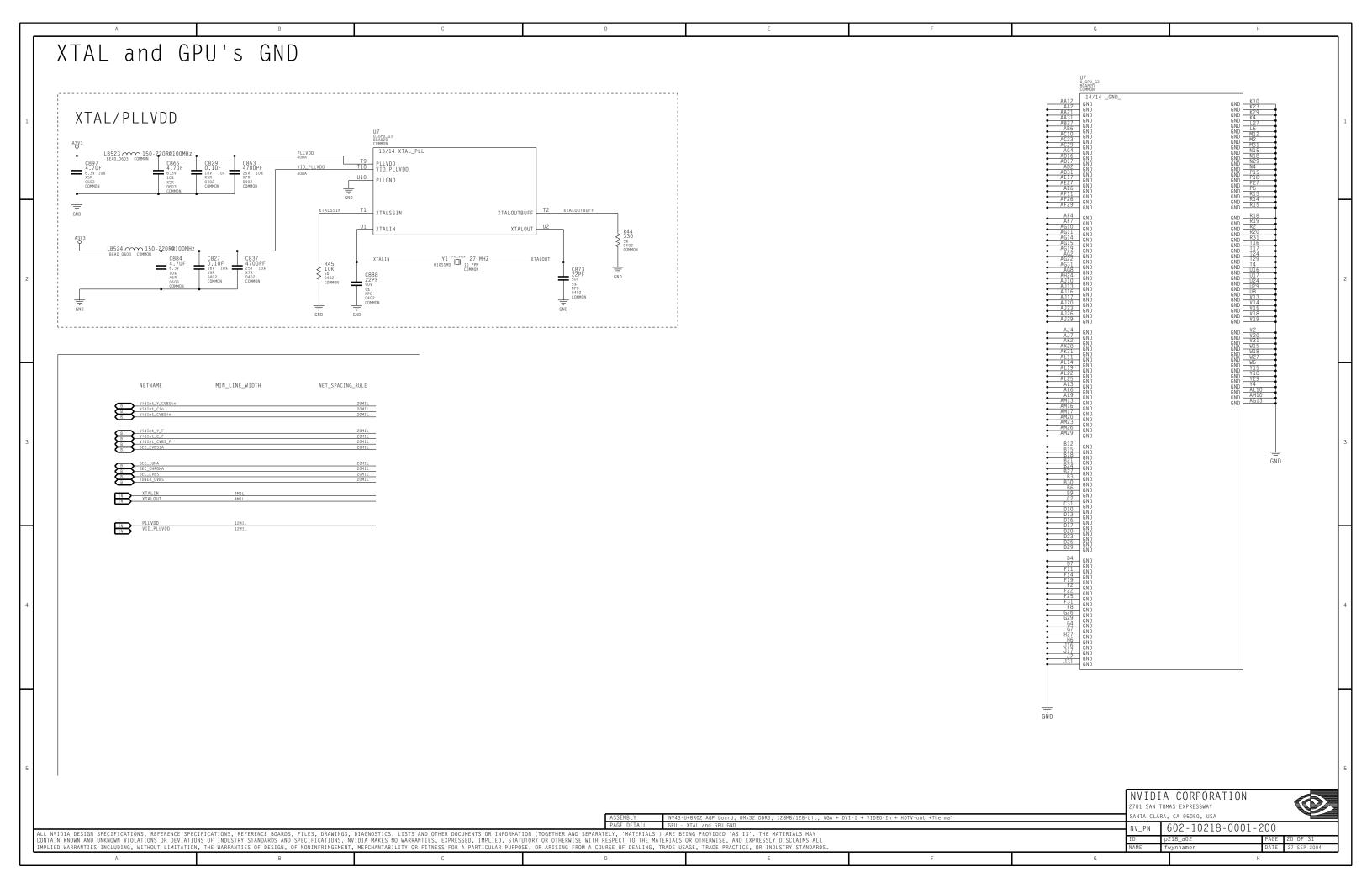


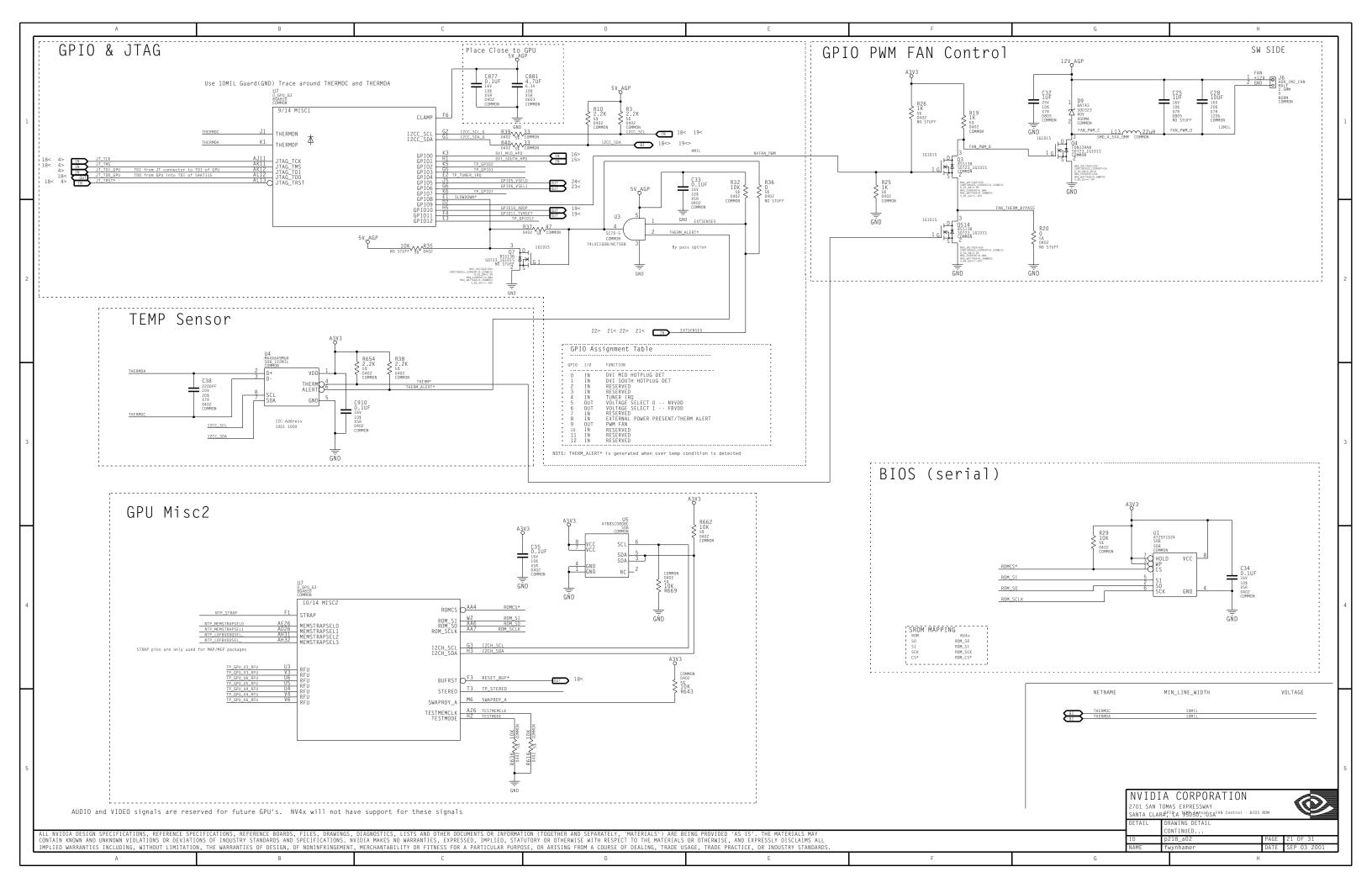


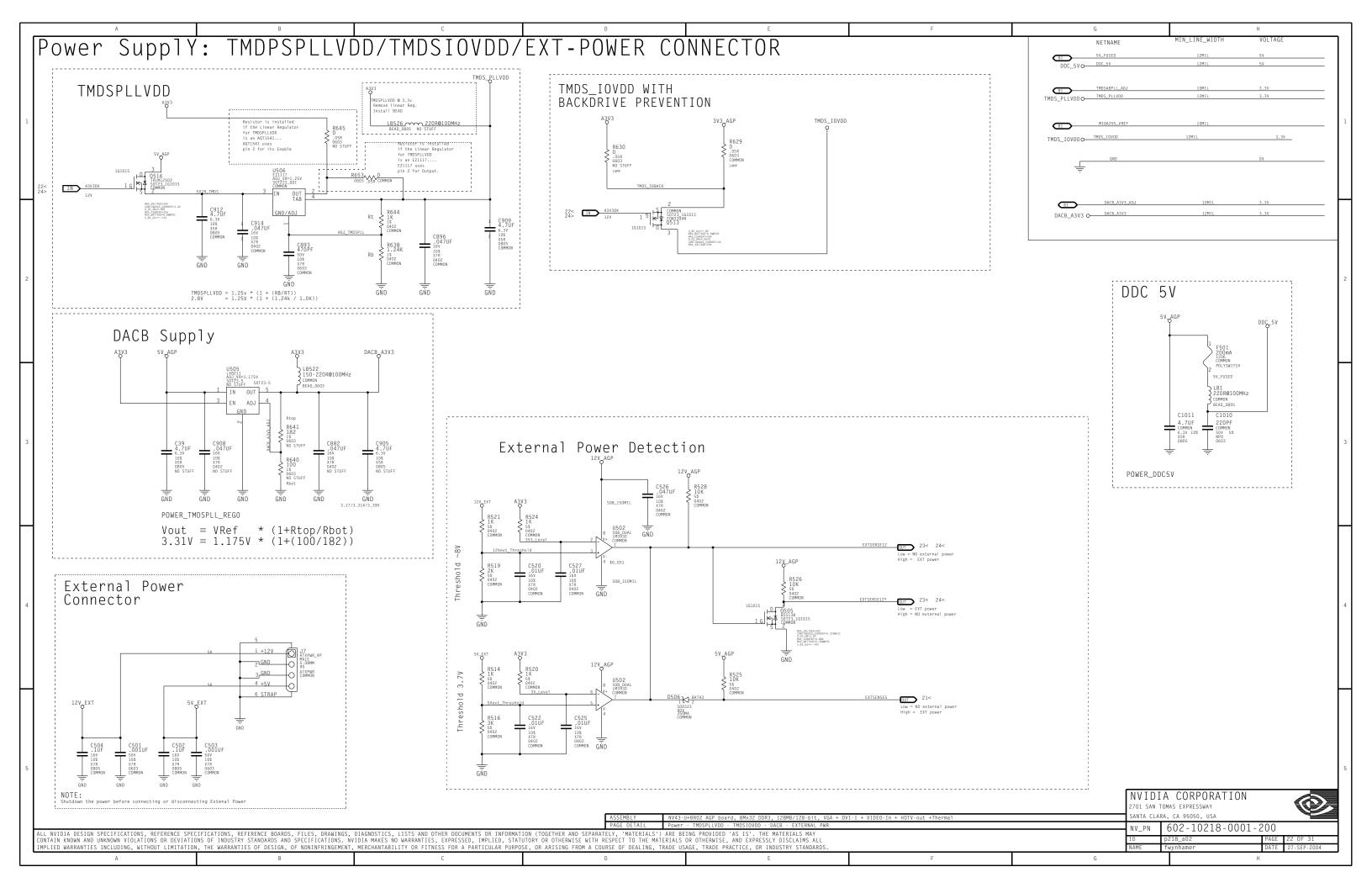


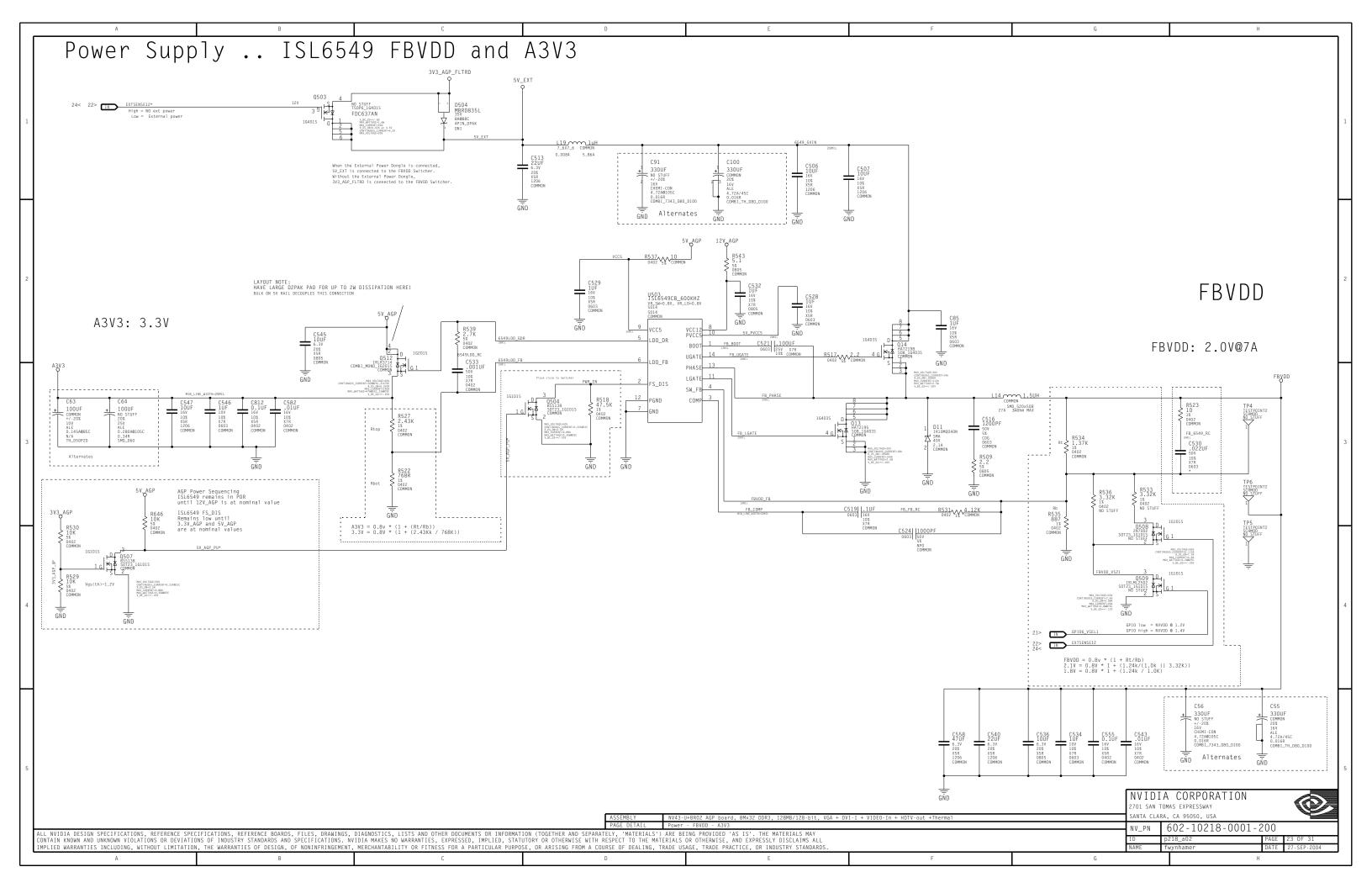


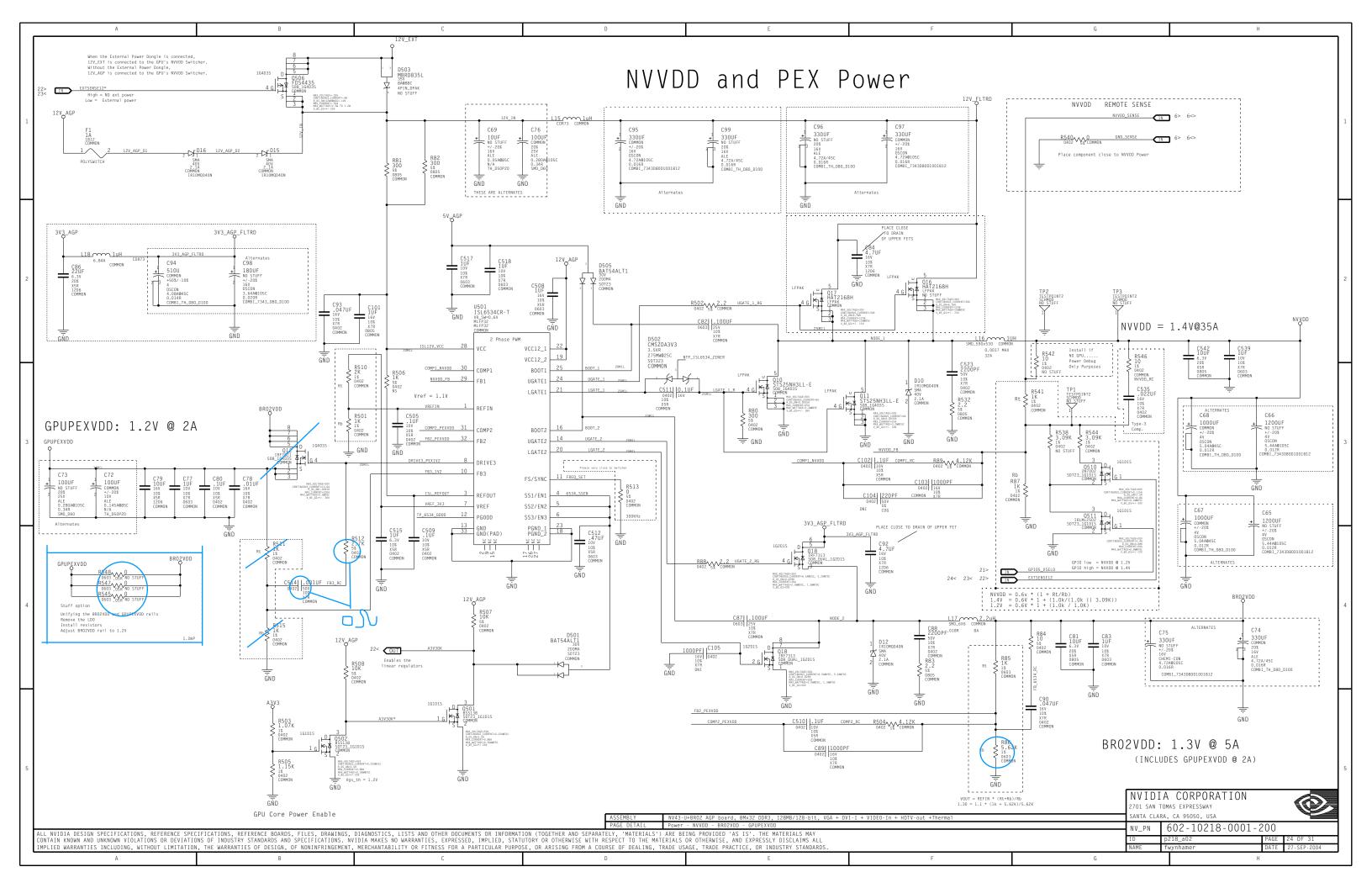


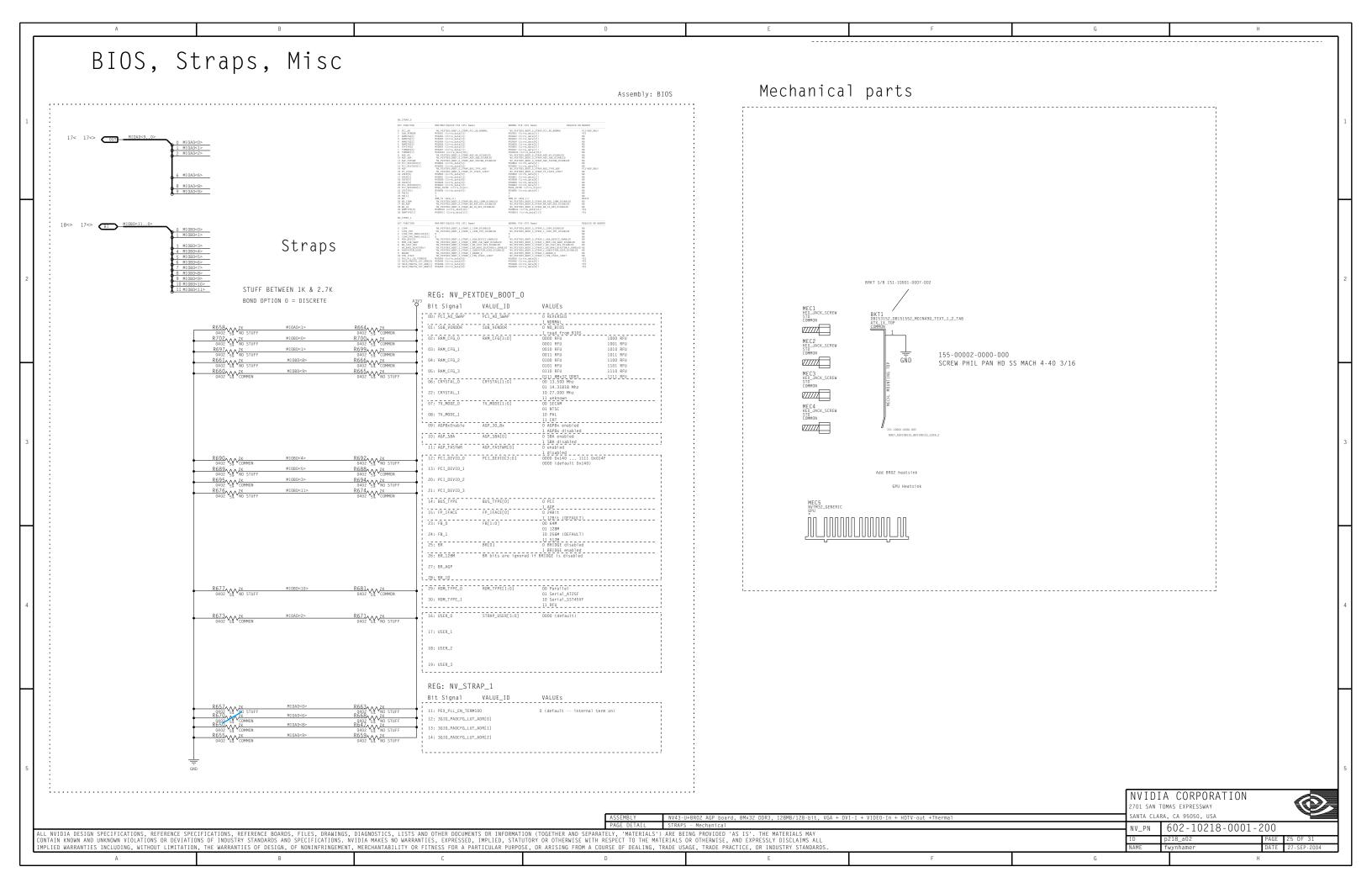












*** Signal Cross-Reference for the entire design *** FRAD<1> 7 1R 8 4C FRANOS WP<7> 7 4R 8 2G<> 8 5R 8 5F FRCD<49> 10 2R 11 5F 7.1B 8.4C 7.4D> 8.1G< 8.2A< 8.2C FBCD<50> 10.2B 11.5E FBAD<2> FBA_CLK0 FBAD<3> 5V_FUSED 7.1B 8.40 FBA_CLK0* 7.4D> 8.1G< 8.2A< 8.2C FBCD<51> 3.4C 22.1A< FRAN<4> 7.1B 8.4C FBA CLK1 7.4D> 8.1G< 8.2C 8.2D< FRCD<52> 10.3B 11.5E A3V30K 22.1A< 22.2D< 24.4C> FBAD<5> 7.18 8.4C FBA CIK1* 7.4D> 8.1G< 8.2C 8.2D< FBCD<53> 10.3B 11.5E 2.1D 2.4A> FBAD<6> 7.1B 8.4C FBCD<54> 10.3B 11.5E AGPAD<31..0> FBA_CMD<0> 7.3C 8.1B 8.1C AGPADSTBF 2.3E 2.4A> FBAD<7> 7.1B 8.4C FBA_CMD<26..0 7.3D> 8.1A< 8.1C 8.1D 8.1G< FBCD<55> 10.3B 11.5E AGPANSTRE1 2 3F 2 4A> FRAN<8> 7 1R 8 4D FRA CMD<1> 7 3C 8 1R 8 1F FRCD<56> 10 3R 11 5F FBAD<9> FBA_CMD<2> FBCD<57> 10.3B 11.5E AGPADSTBS0 2.3E 2.4A> 7.1B 8.4D 7.3C 8.1B 8.1C AGPADSTBS: 2.3E 2.4A> FBAD<10 7.1B 8.4D FBA_CMD<3> 7.3C 8.1B 8.1 FBCD<58> 10.3B 11.5E AGPCAL GND 2.4C 2.5A> FBAD<11> 7.1B 8.4D FBA_CMD<4> 7.3C 8.1E 8.2C FRCD<59> 10.3B 11.5E AGPCAL VDDO 2.4C 2.5A> FRAD<12> 7.1B 8.4D FBA CMD<5> 7.3C 8.1F 8.2C FBCD<60> 10.3B 11.5F AGPCBE*<0> FBA_CMD<6> 2.2E FBAD<13> 7.1B 8.4D 7.3C 8.1E 8.2C FBCD<61> 10.3B 11.5E AGPCBE*<3..0> FBAD<14> 2.4A> 7.1B 8.4D FBA_CMD<8> 7.3C 8.1B 8.1E FBCD<62> 10.3B 11.5E AGPCRF*<1> 2 2F FRAN<15> 7 1R 8 4D FRA CMD<9> 7 3C 8 1B 8 1F FRCD<63> 10 3R 11 5F AGPCBE*<2> 2.2E FBAD<16> 7.1B 8.4E FBA_CMD<10> 7.3C 8.2B 8.2E FBCDQM<0> 10.3B 11.4B 11.4C 2.2E 10.3A> 11.1G<> 11.4B< AGPCBE*<3> FBAD<17> 7.1B 8.4E FBA_CMD<11> 7.3C 7.3G 8.2B 8.2E AGPCLK_MA 2.4A> FBAD<18> 7.1B 8.4E FBA_CMD<12> 7.3C 8.2B 8.2E FBCDQM<1> 10.3B 11.4B 11.4D AGPCLK MB 2.4A> FRAD<19> 7.2B 8.4F FRA CMD<13> 7.3C 8.1C 8.1F FRCDOM<2> 10.3B 11.4B 11.4F AGPDBIHI M 2.3D 2.4A> FBAD<20> FBA CMD<14> FBCDOM<3> 7.2B 8.4E 7.3C 8.2B 8.2E 10.3B 11.4B 11.4E AGPDBILO_I 2.3D 2.4A> FBAD<21> 7.2B 8.4E FBA_CMD<15 7.3C 8.1B 8.1 FBCDQM<4> 10.3B 11.4B 11.5 AGPDEVSEL M 2 3N 2 4A> FRAN<22> 7.2B 8.4E FRA CMD<16> 7.3C 8.1B 8.1E FRCDOM<5> 10 3R 11 4R 11 5D AGPFRAME_M 2.2D 2.4A> FBAD<23> 7.2B 8.4E FBA_CMD<17> 7.3C 8.1B 8.1E FBCDQM<6> 10.3B 11.4B 11.5E AGPGNT_M 2.2D 2.4A> FBAD<24> 7.2B 8.4E FBA_CMD<18> 7.3C 8.2B 8.2 FBCDOM<7> 10.3B 11.4B 11.5E AGPIRDY_M 2.3D 2.4A> FBAD<25> 7.2B 8.4E FBA_CMD<19> 7.3C 8.1B 8.1E FBCDQS_RN<0> 10.4B 11.1G 11.4B 11.4C AGPPAR M 2.3D 2.4A> FRAD<26> 7.28 8.4F FRA CMD<20> 7.3C 8.1B 8.1F FBCDOS RN<7..0> 10.4A<> 11.4B<> AGPRBF M 2.3D 2.4A> FBAD<27> 7.2B 8.4E FBA CMD<21> 7.3C 8.1B 8.1E FBCDOS RN<1> 10.4B 11.1G 11.4B 11.4D AGPREQ_M FBAD<28> 7.2B 8.4E FBA_CMD<22 7.3C 8.1B 8.1C FBCDQS_RN<2> 10.4B 11.1G 11.4B 11.4E AGPSBA M*<7..0> 2.3D 2.5A> FRAN<29> 7.2B 8.4E FBA CMD<23> 7.3C 8.1B 8.1E FBCDOS RN<3> 10.4B 11.1G → 11.4E 11.5B AGPSBSTBF_M 2.3D 2.4A> FBAD<30> 7.2B 8.4E FBA_CMD<24> 7.3C 8.1B 8.1C FBCDQS_RN<4> 10.4B 11.2G → 11.5B 11.5C AGPSBSTBS_M 2.3D 2.5A> FBAD<31> 7.2B 8.4E FBA_CMD<25> FBCDQS_RN<5> 10.4B 11.2G⇔ 11.5B 11.5D 7.3C 8.1B 8.1E FBAD<32> 7.2B 8.5C 10.4B 11.2G⇔ 11.5B 11.5E AGPSERR 2.3D 2.4A> FBA_PLLAVDD 7.1F< 7.4C FBCDQS_RN<6> AGPSTOP M 2.3D 2.4A> FRAD<33> 7.2B 8.5C FRA PILVOD 7.1F< 7.4C 7.4 FRCDOS RN<7> 10.4B 11.2G → 11.5B 11.5E AGPST M<0> 7.1F< 7.4C FBCDOS WP<0> 2.3D FBAD<34> 7.2B 8.5C FBA REFCLK 10.3B 11.1G → 11.4C 11.5B AGPST_M<2..0> 2.4A> FBAD<35> 7.2B 8.5C FBA_REFCLK* 7.1F< 7.40 FBCDQS_WP<7..0> 10.3A 11.5B AGPST M<1> 2.3D FBAD<36> 7.2B 8.5C FBA VREF ADDRO 8.2G<> 8.3C FBCDQS_WP<1> 10.3B 11.1G → 11.4D 11.5B AGPST M<2> 2.3D FRAD<37> 7.28 8.5C FBA VRFF ADDR1 8.2G<> 8.3F FRCDOS WP<2> 10.3B 11.1G 11.4F 11.5B 10.3B 11.1G⇔ 11.4E 11.5B AGPTRDY_M 2.3D 2.4A> 7.2B 8.5C FBA_VREF_DATAO 8.2G<> 8.3C FBAD<38> FBCDQS_WP<3> AGPVRFF 2.4D 2.5A> FBAD<39> 7.2B 8.5C FBA_VREF_DATA1 8.2G<> 8.3F FBCDQS_WP<4> 10.3B 11.2G⇔ 11.5B 11.5C AGPVREECG 6.1G <> FRAD<40> 7.28 8.5D FBCD<0> 10.1B 11.4C FRCDOS WP<5> 10.4B 11.2G 11.5B 11.5D AGPWBF M 2.3D 2.4A> FBAD<41> 7.2B 8.5D FBCD<63..0> 10.1A⇔ 11.1G⇔ 11.4B⇔ FBCDOS WP<6> 10.4B 11.2G → 11.5B 11.5E BR02_REFCLK 5.1F 5.5B> FBAD<42> 7.2B 8.5D FBCD<1> FBCDQS_WP<7> 10.4B 11.2G⇔ 11.5B 11.5E 10.1B 11.4C BR02 REFCLK* 5.1F 5.5B> FRAN<43> 7.2B 8.5D FBCD<2> 10.1B 11.4C FBC CLKO 10.4D> 11.1G< 11.2A< 11.2D BRO2 REECLK OUT 5.1D> 5.5B> 5.5B> 6.2A< FRAD<44> 7.2B 8.5D FBCD<3> 10.1B 11.4C FBC_CLK0* 10.4D> 11.1G< 11.2A< 11.2D BR02_REFCLK_OUT* 5.1D> 5.5B> 5.5B> 6.2A< FBAD<45> FBCD<4> 7.2B 8.5D 10.4D> 11.1G< 11.2D< 11.2D 10.1B 11.4C FBC_CLK1 BR02_RFCLKC 5.1F 5.5B> FBAD<46> 7.2B 8.5D FBCD<5> 10.1B 11.4C FBC_CLK1* 10.4D> 11.1G< 11.2D 11.2D< BR02_RFCLKC* 5.1F 5.5B> FRAD<47> 7.2B 8.5D FBCD<6> 10.1B 11.4C FBC CMD<0> 10.3C 11.1B 11.1D 10.3D> 11.1A< 11.1C 11.1D 11.1G< DACA BLUE 13.1A<> 13.5D FBAD<48> 7.2B 8.5E FBCD<7> 10.1B 11.4C FBC CMD<26..0> DACA_BLUE_C 13.1A<> 13.4G> 15.3G< FBAD<49> 7.3B 8.5E FBCD<8> 10.1B 11.4D FBC_CMD<1> 10.3C 11.1B 11.1E DACA_B_F 13 1A<> 13 5F FRAN<50> 7.3B 8.5E FBCD<9> 10.1B 11.4D FBC CMD<2> 10.3C 11.1B 11.1D DACA GREEN 13.1A<> 13.4D FRAD<51> 7.3B 8.5F FBCD<10> 10.1B 11.4D FRC CMD<3> 10.3C 11.1B 11.1F DACA_GREEN_C 13.1A<> 13.4G> 15.3G< FBAD<52> 7.3B 8.5E FBCD<11> FBC_CMD<4> 10.3C 11.1E 11.2D 10.1B 11.4D DACA_G_F 13.1A<> 13.4E FBAD<53> FBCD<12> 10.1B 11.4D FBC_CMD<5> 10.3C 11.1E 11.2D DACA_HSYNC_C 13.3F> 15.3G< FRANCS/1> 7.3B 8.5E FBCD<13> 10.1B 11.4D FBC CMD<6> 10.3C 11.1E 11.2D DACA RED 13.1A<> 13.4D FBAD<55> 7.3B 8.5E FBCD<14> 10.1B 11.4D FBC CMD<8> 10.3C 11.1B 11.1E FBAD<56> DACA_RED_C 13.1A<> 13.4G> 15.3G< 7.3B 8.5E FBCD<15> 10.1B 11.4D FBC_CMD<9> 10.3C 11.1B 11.1E DACA_RSET 13.1A< 13.3B FRAN<57> 7.3B 8.5E FBCD<16> 10.1B 11.4E FBC_CMD<10> 10.3C 11.2B 11.2F DACA R F 13.1A<> 13.4F FRAD<58> 7.3B 8.5F FRCD<17> 10.1B 11.4F FRC CMD<11> 10.3C 10.3G 11.2B 11.2I DACA_VDD 13.1A< 13.3B FBAD<59> 7.3B 8.5E FBCD<18> 10.1B 11.4E FBC_CMD<12> 10.3C 11.2B 11.2E DACA_VREF 13.1A< 13.3B FBAD<60> 7.3B 8.5E FBCD<19> 10.1B 11.4E FBC_CMD<13> 10.3C 11.1E 11.2 DACA_VSYNC_C 13.3F> 15.3G< FRAD<61> 7.3B 8.5E FBCD<20> 10.1B 11.4E FRC CMD<14> 10.3C 11.2B 11.2E DACBC B F 14.1A<> 14.5E FBAD<62> 7.3B 8.5E FBCD<21> 10.2B 11.4E FBC CMD<15> 10.3C 11.1B 11.1E 14.1A<> 14.4E FBAD<63> 7.3B 8.5E FBCD<22> 10.2B 11.4E FBC_CMD<16> 10.3C 11.2B 11.2E DACBC_G_F DACBC_R_F 14.1A<> 14.4E FBADOM<0> 7.3B 8.4B 8.4C FBCD<23> FBC_CMD<17> 10.3C 11.1B 11.1E 10.2B 11.4E DACE A3V3 ADJ 22.2G<> 22.3B FRADOM<7..0> 7.3A> 8.1G<> 8.4B< FRCD<24> 10.2B 11.4F FBC CMD<18> 10.3C 11.2B 11.2F DACB CVBS OUT 19.1D 19.3G 19.4F> FBADOM<1> 7.3B 8.4B 8.4D FBCD<25> FBC CMD<19> 10.3C 11.1B 11.1E 10.2B 11.4E FBADQM<2> DACB_C_OUT 19.1D 19.3C 19.4F> 19.5D FBCD<26> 10.2B 11.4E FBC_CMD<20> 10.3C 11.1B 11.1E DACB_PB_OUT 19.1D 19.2C 19.4D 19.4F> FRADOM<3> 7.3B 8.4B 8.4E FBCD<27> 10.2B 11.4E FBC_CMD<21> 10.3C 11.1B 11.1E DACB RSET 19.1B 19.5F< FBADOM<4> 7.3B 8.4B 8.5C FBCD<28> 10.2B 11.4E FBC CMD<22> 10.3C 11.1B 11.1D 19.1B 19.4F< FBADQM<5> FBC_CMD<23> DACB_VDD 7.3B 8.4B 8.5D FBCD<29> 10.2B 11.4E 10.3C 11.1B 11.1E DACB_VREF 19.1B 19.4F< FBADOM<6> 7.3B 8.4B 8.5E FBCD<30> 10.2B 11.4E FBC_CMD<24> 10.3C 11.1B 11.1D DACC BLUE 14.1A<> 14.4C FBADOM<7> 7.38 8.48 8.5F FRCD<31> 10.2B 11.4E FBC CMD<25> 10.3C 11.1B 11.1F DACC BLUE C 14.1A<> 14.4G> 16.3G< FBADOS RN<0> 7.4B 8.1G<> 8.4B 8.4C FBCD<32> 10.2B 11.5C FBC PLLAVDD 10.1F< 10.4C DACC_GREEN 14.1A<> 14.4C FBADQS_RN<7..0 7.4A<> 8.4B<> FBCD<33> 10.2B 11.5C FBC_PLLVDD 10.1F< 10.40 DACC_GREEN_C 14.1A<> 14.4G> 16.3G FBADQS_RN<1> 7.4B 8.1G<> 8.4B 8.4E FBCD<34> FBC_REFCLK 10.1F< 10.40 10.2B 11.5C DACC HSYNC C 14.3F> 16.3G< FBADOS RN<2> 7.4B 8.1G<> 8.4B 8.4E FBCD<35> 10.2B 11.5C FBC REFCLK* 10.1F< 10.4C FBC_VREF_ADDRO DACC_RED 14.1A<> 14.4C FBADQS_RN<3> 7.4B 8.1G<> 8.4B 8.4E FBCD<36> 10.2B 11.5C 11.2G<> 11.3C FBADQS_RN<4> FBCD<37> DACC_RED_0 14.1A<> 14.4G> 16.3G 7.4B 8.1G<> 8.5B 8.50 FBC_VREF_ADDR1 DACC RSET 14.1A<> 14.4A FBADOS RN<5> 7.4B 8.1G<> 8.5B 8.5D FBCD<38> 10.2B 11.5C FBC VRFF DATAO 11.2G > 11.3C FBC VREF DATA1 11.2G ⇒ 11.3F DACC VDD 14.1A<> 14.4A FBADOS RN<6> 7.4B 8.1G<> 8.5B 8.5E FBCD<39> 10.2B 11.5C DACC_VREF 14.1A<> 14.4A FBADQS_RN<7> 7.4B 8.1G >> 8.5B 8.5E FBCD<40> 10.2B 11.5D GND_SENSE 6.3F> 6.3F> 6.5G<> 24.1G< DACC_VSYNC_C 14.2F> 16.3G< FBADQS_WP<0> 7.3B 8.1G<> 8.4C 8.5B GPI05_VSEL0 FBCD<41> 10.2B 11.5D 21.1D> 24.4F< DVI MID HPD 16 5C> 21 1D< FRANOS WP<7 N> 7 3A<> 8 5B<> FRCD<42> 10 2R 11 5D GPIN6 VSEL1 21 1D> 23 4G< DVI_SOUTH_HPD FBADQS_WP<1> 7.3B 8.1G<> 8.4D 8.5B GPI010_480P 19.5A< 21.2D> 15.5C> 21.1D< FBCD<43> 10.2B 11.5D EXTSENSE5 FBADQS_WP<2> 7.3B 8.1G >> 8.4E 8.5B FBCD<44> 10.2B 11.5D GPI011_TVRSE 19.1A< 21.2D> EXTSENSE12 22.4F> 23.4G< 24.1A< 24.4F< FRADOS WP<3> 7.4B 8.1G<> 8.4F 8.5B FBCD<45> 10.2B 11.5D T2CA SCL C 13.2F> 15.3G< EXTSENSE12* 22.4F> 23.1A< 24.1A< FBADOS WP<4> 7.4B 8.1G<> 8.5B 8.5C FBCD<46> 10.2B 11.5D I2CA SDA C 13.1F> 15.3G< 14.2F> 16.3G< FBADQS_WP<5> 7.4B 8.1G >> 8.5B 8.5D FBCD<47> 7.1B 8.4C 10.2B 11.5D I2CB_SCL_C FBAD<63..0> 7.1A >> 8.1G >> 8.4B <> FBADQS_WP<6> 7.4B 8.1G<> 8.5B 8.5E FBCD<48> 10.2B 11.5E I2CB_SDA_C 14.1F> 16.3G< NVIDIA CORPORATION 701 SAN TOMAS EXPRESSWAY ANTA CLARA CA 95050 IISA 602-10218-0001-200 NV_PN LL NVIDIA DESIGN SPECIFICATIONS, REFERENCE SPECIFICATIONS, REFERENCE BOARDS, FILES, DRAWINGS, 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Tacc sci 18 3A< 19 2H< 21 1D< 21 3B PEX BRG TXO 5 1R> 5 1C> 6 2A< PFX TX11* 6 2G<> 6 4C 18.3A⇔ 19.2H⇔ 21.1D⇔ 21.3B I2CC_SDA PEX_BRG_TX0* 5.1B> 5.1C> 6.2A< PEX_TX12 6.2G<> 6.4C IFPABRSET PEX_BRG_TX1 6.2G<> 6.4C PEX_TX12* TEPAR TOVOD 15.3B 15.4G<> PEX BRG TX1* 5.1B> 5.1C> 6.2A< PEX_TX13 6.2G<> 6.5C TEPAR PLIVOD 15.2B 15.4G<> PEX BRG TX2 5.2B> 5.2C> 6.2A< PEX TX13* 6.2G<> 6.5C IFPCD_IOVDD PEX_BRG_TX2* 5.2B> 5.2C> 6.3A< PEX_TX14 6.2G<> 6.5C 16.3B 16.4G<> IFPCD_PLLVDD 16.2B 16.4G<> PEX_BRG_TX3 5.2B> 5.2C> 6.3A< PEX_TX14* 6.2G<> 6.5C IFPCD RSET 16 2R 16 4G<> PEX RRG TX3* 5 2R> 5 2C> 6 3A< PEX TX15 6 2G<> 6 5C 4.2B> 18.2G< 21.1A< PEX_BRG_TX4 5.2B> 5.2C> 6.3A< PEX_TX15* 6.2G<> 6.5C JT_TCK 4.2B> 21.1A< PEX_BRG_TX4* 5.2B> 5.2C> 6.3A< 20.1B 20.4A< JT_TDI_GPU PLLVDD JT_TDO_GPU 18.2G< 21.1A> PEX_BRG_TX5 5.2B> 5.2C> 6.3A< RESET_BUF* 18.3A< 21.4D> JT TDO SAA7115 4.2B< 18.2G> PEX BRG TX5* 5.2B> 5.2C> 6.3A< SEC CHROMA 20.3A<> 4.2B> 18.2G< 21.1A< PEX_BRG_TX6 5.2B> 5.2C> 6.3A< SEC_CVBS 20.3A<> JT_TMS JT_TRST* 4.2B> 18.2G< 21.1A< PEX_BRG_TX6* 5.2B> 5.2C> 6.3A< SEC_CVBS1A 20.3A<> MDIN CIN C 19 3F 19 4F<> PEX BRG TX7 5 3R> 5 3C> 6 3A< SEC LUMA 20 34<> MDIN_CIN_CLAMP 19.3F 19.4F<> PEX_BRG_TX7* 5.3B> 5.3C> 6.4A< THERMDA 21.1B 21.3A 21.5G<> THERMDC MDIN_COUT_C 19.3D 19.4F<> PEX_BRG_TX8 5.3B> 5.3C> 6.4A< 21.1B 21.3A 21.5G MDIN_PBOUT_C 19.2D 19.4F<> PEX_BRG_TX8* 5.3B> 5.3C> 6.4A< TMDSABPLL ADJ 22.1G<> MDIN YIN C 19.3D 19.4F<> PEX BRG TX9 5.3B> 5.3C> 6.4A< TUNER_CVBS 20.3A<> MDIN_YIN_CLAMP 19.3C 19.4F<> PEX BRG TX9* 5.3B> 5.3C> 6.4A< VDDA 18.1G⇔ 18.2F 5.3B> 5.3C> 6.4A< MDIN_YOUT_C 19.3E 19.4F<> PEX_BRG_TX10 18.1G >> 18.4G MINIDIN CIN 18.2A< 19.3G> 19.4F<> PEX BRG TX10* 5 3B> 5 3C> 6 4A< vnnx 18.1G >> 18.4G MINIDIN_Y_CVBSIN 18.2A< 19.3B> 19.4F<> PEX_BRG_TX11 5.3B> 5.3C> 6.4A< VIDINT_CIN 20.3A<> MIOA2V5_VREF 22.1G<> PEX_BRG_TX11* 5.3B> 5.3C> 6.4A< VIDINT_CVBSIN MIOAD<0> 17.4D 25.1A 25.5B PEX_BRG_TX12 5.4B> 5.4C> 6.4A< VIDINT_CVBS_F 20.3A<> MIOAD<9..0> 17.4E< 25.1A> PEX BRG TX12* 5.4B> 5.4C> 6.5A< VIDINT C F 20.3A<> MIOAD<11..0> 17.1G<> PEX BRG TX13 5.4B> 5.4C> 6.5A< VIDINT Y CVBSIN 20.3A MIOAD<1> 17.4D 25.1A 25.2B 5.4B> 5.4C> 6.5A< PEX_BRG_TX13* VIDINT_Y_F MINAN<2> 17.4D 25.1A 25.4B PEX BRG TX14 5.4B> 5.4C> 6.5A< VID PLLVDD 20.1B 20.4A< MIOAD<6> 25.1A 25.5B PEX_BRG_TX14* 5.4B> 5.4C> 6.5A< VIPHCLK 17.2E<> 19.4A< MIOAD<8> 17.4D 25.1A 25.5B PEX_BRG_TX15 5.4B> 5.4C> 6.5A< VIPPCLK 17.1G 17.2E 18.4A 19.4A MIOAD<9> 17.4D 25.1A 25.5B PEX_BRG_TX15* 5.4B> 5.4C> 6.5A< VREFCG 2.4E 2.5A> MIOA CIKOUT 17.1G<> PEX_GPU_TXX0 5.1B> 5.1C< 6.2A> VRFFGC 2.4F 2.5A> 17.1G<> 5.1B> 5.1C< 6.2A> XTALIN MIOA CLKOUT* PEX GPU TXX0* 20.2C 20.3A< MIOA_HSYNC 17.4E> PEX_GPU_TXX1 5.1B> 5.1C< 6.2A> 20.2D 20.3A< MIOA VREF 17.1G<> PEX_GPU_TXX1* 5.1B> 5.1C< 6.2A> MIOA VSYNC 17.5F> PEX GPIL TXX2 5.2B> 5.2C< 6.2A> MIOBD<0> 17.1D 18.3D 25.2A 25.2B PEX_GPU_TXX2* 5.1C< 5.2B> 6.2A> MIOBD<7..0> 17.1G 18.3A PEX_GPU_TXX3 5.2B> 5.2C< 6.3A> MIORD<11..0> 17.1F<> 25.2A<> PEX GPIL TXX3* 5.2B> 5.2C< 6.3A> MIOBD<1> 17.2D 18.3D 25.2A 25.2B PEX GPU TXX4 5.2B> 5.2C< 6.3A> MIOBD<2> 17.2D 18.3D PEX_GPU_TXX4* 5.2B> 5.2C< 6.3A> MIORD<3> 17.2D 18.3D 25.2A 25.3B PEX GPU TXX5 5.2B> 5.2C< 6.3A> MIOBD<4> 17.20 18.30 25.2A 25.3B PEX GPIL TXX5* 5.2B> 5.2C< 6.3A> MIOBD<5> 17.2D 18.3D 25.2A 25.3B 5.2B> 5.2C< 6.3A> PEX_GPU_TXX6 MIOBD<6> 17.2D 18.3D 25.2A PEX_GPU_TXX6* 5.2B> 5.2C< 6.3A> MIORD<7> 17.2D 18.3D 25.2A PEX GPII TXX7 5.3B> 5.3C< 6.3A> PEX GPU TXX7* MI0BD<8> 17.2D 25.2A 25.2B 5.2C< 5.3B> 6.3A> MIOBD<9> 17.2D 25.2A 25.3E PEX_GPU_TXX8 5.3B> 5.3C< 6.4A> MINRO<10> 17.2D 25.2A 25.4E PEX_GPU_TXX8* 5.3B> 5.3C< 6.4A> MIOBD<11..10> 17.1G<> PEX GPIL TXX9 5.3B> 5.3C< 6.4A> 17.2D 25.2A 25.3B 5.3B> 5.3C< 6.4A> MIOBD<11> PEX_GPU_TXX9* MIOB_VREF 17.1G<> 17.2C PEX_GPU_TXX10 5.3B> 5.3C< 6.4A> NVVDD_SENSE 6.3F> 6.3F> 6.5G<> 24.1G< PEX_GPU_TXX10* 5.3B> 5.3C< 6.4A> PCIINTA M* 2.3D 2.4A> PEX GPU TXX11 5.3B> 5.3C< 6.4A> PCIINTB* 2.4A> PEX_GPU_TXX11* 5.3B> 5.3C< 6.4A> PCIPME* 2.4A> PEX_GPU_TXX12 5.4B> 5.4C< 6.4A> PCIRST M* 2.2D> 2.4A> 4.3B< 4.3B< 4.3B< PFX GPU TXX12* 5.3C< 5.4B> 6.4A> PCIRST_MB* PEX_GPU_TXX13 5.4B> 5.4C< 6.5A> 2.5A> PEXBR_TXOA 5.1B> 5.1D PEX_GPU_TXX13* 5.4B> 5.4C< 6.5A> PEXBR TXOA* 5.1B> 5.1D PEX_GPU_TXX14 5.4B> 5.4C< 6.5A> PEXBR TX1A 5.1B> 5.1D PEX GPU TXX14* 5.4B> 5.4C< 6.5A> PEXBR_TX1A* 5.1B> 5.1D PEX_GPU_TXX15 5.4B> 5.4C< 6.5A> PEXBR_TX2A 5.1B> 5.2D PEX_GPU_TXX15* 5.4B> 5.4C< 6.5A> PEXBR TX2A* 5.2B> 5.2D PEX REECLK RSET 5.4F 5.5B> PEX_RESET_OUT* 4.3B> 4.3B> 6.1A< PEXBR TX3A 5.2B> 5.2D PEXBR_TX3A* 5.2B> 5.2D PEX_TSTCLK_OUT 5.4F 5.5B> PEXBR_TX4A 5.2B> 5.2D PEX_TSTCLK_OUT* 5.4F 5.5B> PEXBR TX4A* 5.2B> 5.2D PEX TXO 6.1G<> 6.2C PEXBR_TX5A 5.2B> 5.2D PEX_TX0* 6.1G<> 6.2C PEXBR_TX5A* 5.2B> 5.2D PEX_TX1 6.2C 6.2G<> PEXBR TX6A 5.2B> 5.2D PEX_TX1* 6.2C 6.2G<> PEXBR TX6A* 5.2B> 5.2D PEX TX2 6.2C 6.2G<> 5.2B> 5.3D PEXBR_TX7A PEX_TX2* 6.2C 6.2G<> PEXBR_TX7A* 5.3B> 5.3D PEX_TX3 6.2G<> 6.3C PEXBR TX8A 5.3B> 5.3D PEX TX3* 6.2G<> 6.3C 5.3B> 5.3D PEXBR_TX8A* PEX_TX4 6.2G<> 6.3C PEXBR_TX9A 5.3B> 5.3D PEX_TX4* PEXBR TX9A* 5.3B> 5.3D PEX_TX5 6.2G<> 6.3C 5.3B> 5.3D 6.2G<> 6.3C PEXBR TX10A PEX TX5* PEXBR_TX10A* 5.3B> 5.3D PEX_TX6 6.2G<> 6.3C PEXBR_TX11A 5.3B> 5.3D PEX_TX6* 6.2G<> 6.3C PEYRR TY11A* 5 3R> 5 3D PFX TX7 6 2G<> 6 3C PEXBR_TX12A 5.3B> 5.4D PEX_TX7* 6.2G<> 6.3C 5.4B> 5.4D 6.2G<> 6.4C PEXBR_TX12A* PEX_TX8 PEXBR TX13A 5.4B> 5.4D PEX_TX8* 6.2G<> 6.4C 5.4B> 5.4D PEXBR TX13A* PEX TX9 6.2G<> 6.4C PEXBR_TX14A 5.4B> 5.4D PEX_TX9* 6.2G<> 6.4C PEXBR_TX14A* 5.4B> 5.4D PEX_TX10 6.2G<> 6.4C PEXER TX15A 5 4R> 5 4D PEX TX10* 6 2G<> 6 4C NVIDIA CORPORATION 5.4B> 5.4D PEX_TX11 6.2G<> 6.4C PEXBR_TX15A* 701 SAN TOMAS EXPRESSWAY ONTINUED. 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A	В	C D	E	F	G	Н
Part Cross-Reference for the entire design ***	C87 C 24 C88 C 24	C571 C 3 C572 C 6	C660 C 5 C661 C 3			
BRACKET 25 C 16	C89 C 24 C90 C_POL 23	C573 C 9 C574 C 5	C662 C 9 C663 C 5			
C 14 C 14	C91 C 24 C92 C 24	C575 C 3	C664 C 9 C665 C 12			
C 14 C 15	C93 C_POL 24 C94 C_POL 24	C577 C 5 C578 C 2 C579 C 2	C666 C 3 C667 C 9 C668 C 5			
C 13 C 13 C 13	C95 C_POL 24 C96 C_POL 24 C97 C_POL 24	C580 C 12 C581 C 9	C669 C 3 C670 C 9			
C 14 C 14	C97 C_POL 24 C98 C_POL 24 C99 C_POL 23	C582 C 23 C583 C 9	C671 C 6 C672 C 6			
1 C 14 2 C 13	C100 C 24 C101 C 24	C584 C 3 C585 C 3	C673 C 5 C674 C 3			
C 13	C102 C 24 C103 C 24	C586 C 5 C587 C 6	C675 C 6 C676 C 6			
6 C 14 6 C 19	C104 C 24 C110 C 2	C588 C 9 C589 C 5	C677 C 6 C678 C 6			
7 C 19 8 C 14	C501 C 22 C502 C 22	C590 C 9 C591 C 9	C679 C 9 C680 C 9			
9 C 14 0 C 19	C503 C 22 C504 C 22	C592 C 3 C593 C 5	C681 C 5 C682 C 3			
1 C 13 2 C 13	C505 C 24 C506 C 23	C594 C 9 C595 C 5	C683 C 9 C684 C 3			
3 C 13 4 C 19	C507 C 23 C508 C 24	C596 C 9 C597 C 8	C685 C 9 C686 C 8			
5 C 21 6 C 12	C509 C 24 C510 C 24	C598 C 3 C599 C 3	C687 C 3 C688 C 9			
7 C 18 8 C 21	C511 C 24 C512 C 24	C600 C 9 C601 C 3	C689 C 9 C690 C 5			
9 C 7 0 C 18	C513 C 23 C514 C 24	C602 C 5 C603 C 9	C691 C 8 C692 C 6			
1 C 21 2 C 21	C515 C 24 C516 C 23	C604 C 6 C605 C 5	C693 C 9 C694 C 5			
3 C 21 4 C 21	C517 C 24 C518 C 24	C606 C 8	C695 C 3			
5 C 7 6 C 12	C519 C 23 C520 C 22	C608 C 3 C609 C 2	C697 C 12 C698 C 6			
7 C 21 8 C 22	C521 C 23 C522 C 22	C610 C 2 C611 C 12	C699 C 3 C700 C 12			
9 C 4 0 C 2	C523 C 24 C524 C 23	C612 C 5 C613 C 5	C701 C 9 C702 C 6			
1 C 2 2 C 17	C525 C 22 C526 C 22	C614 C 9 C615 C 3	C703 C 9 C704 C 6			
3 C 15 4 C 15	C527 C 22 C528 C 23 C529 C 23	C616 C 9 C617 C 5	C705 C 6 C706 C 3			
5 C 15 6 C 2 7 C 2	C529 C 23 C530 C 23 C531 C 5	C618 C 5 C619 C 3 C620 C 3	C707 C 5 C708 C 6 C709 C 5			
7 C 2 8 C 2 9 C 2	C531 C 5 C532 C 23 C533 C 23	C621 C 8 C622 C 3	C710 C 6 C711 C 6			
9 C 2 0 C 2 1 C 2	C534 C 23 C535 C 24	C623 C 5 C624 C 8	C711 C 6 C712 C 3 C713 C 6			
2 C 9 3 C 7	C536 C 23 C537 C 2	C625 C 3 C626 C 3	C714 C 6 C715 C 7			
4 C_POL 23 5 C_POL 23	C538 C 5 C539 C 24	C627 C 9 C628 C 7	C716 C 5 C717 C 5			
5 C 7 7 7 C 12	C540 C 23 C541 C 2	C629 C 3 C630 C 3	C718 C 6 C719 C 5			
9 C 2	C542 C 24 C543 C 23	C631 C 3 C632 C 3	C720 C 5 C721 C 6			
0 C 2 1 C 2	C544 C 5 C545 C 23	C633 C 6 C634 C 6	C722 C 6 C723 C 7			
2 C_POL 23 3 C_POL 23	C546 C 23 C547 C 23	C635 C 3 C636 C 12	C724 C 6 C725 C 6			
4 C_POL 24 5 C_POL 24	C548 C 8 C549 C 3	C637 C 6 C638 C 6	C726 C 6 C727 C 16			
6 C_POL 24 7 C_POL 24	C550 C 8 C551 C 9	C639 C 5 C640 C 9	C728 C 12 C729 C 12			
B C_POL 24 9 C 5	C552 C 5 C553 C 5	C641 C 3 C642 C 3	C730 C 6 C731 C 15			
0 C 5 1 C_POL 24	C554 C 3 C555 C 23	C643 C 3 C644 C 5	C732 C 12 C733 C 7			
2 C_POL 24 3 C_POL 24	C556 C 12 C557 C 6	C645 C 12 C646 C 9	C734 C 6 C735 C 7			
4 C_POL 24 5 C_POL 24	C558 C 23 C559 C 3	C647 C 5	C736 C 6 C737 C 6			
6 C 24 7 C 24	C560 C 2 C561 C 2	C649 C 6	C738 C 10 C739 C 6			
8 C 24 9 C 24	C562 C 5 C563 C 9	C651 C 6 C652 C 6	C740 C 6 C741 C 6			
0 C 24 31 C 24	C564 C 2 C565 C 3	C653 C 6 C654 C 6	C742 C 7 C743 C 16			
32 C 24 33 C 24	C566 C 3 C567 C 5	C655 C 6 C656 C 3	C744 C 6 C745 C 6			
14 C 23 15 C 24	C568 C 9 C569 C 9	C657 C 9 C658 C 6	C746 C 6 C747 C 7			
16 C 24	C570 C 5	C659 C 6	C748 C 6		NVIDIA CORP	
		ASSEMBLY	NV43-U+BRO2 AGP board, 8Mx32 DDR3, 128MB/128-bit, VGA + DVI-I + VI	DEO-In + HDTV-out +Thermal	2701 SAN TOMAS EXPRES: SANTA CLARA, CA 95050	
DIA DESIGN SPECIFICATIONS, REFERENCE SPECIFICATIONS.	REFERENCE BOARDS, FILES, DRAWINGS, DIAGNOSTICS. LISTS AND O	PAGE DETAIL HER DOCUMENTS OR INFORMATION (TOGETHER AND SEPARATELY, 'MATERIALS'	<pre><edit detail="" here="" insert="" page="" to=""> ARE BEING PROVIDED 'AS IS'. THE MATERIALS MAY</edit></pre>)218-0001-200
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A	В	C D	E F	G H
				1
49 C 16	C838 C 16	C927 C 18	D4 D_3PIN_AC 13	
0 C 6 1 C 16	C839 C 7 C840 C 12	C928 C 18 C929 C 12	D5 D_3PIN_AC 13 D6 D_3PIN_AC 14	
C 13 C 6	C841 C 13 C842 C 19	C930 C 12 C931 C 18	D7 D_3PIN_AC 14 D8 D_3PIN_AC 14	
C 6	C843 C 6 C844 C 16	C932 C 9 C933 C 12	D9 D_SCHOTTKY 21 D10 D_SCHOTTKY 24	
C 9 C 6	C845 C 7	C934 C 18	D11 D_SCHOTTKY 23	
C 15 C 12	C846 C 12 C847 C 16	C935 C 18 C936 C 18	D12 D_SCHOTTKY 24 D501 D_3PIN_AA 24	
9 C 7 0 C 6	C848 C 9 C849 C 16	C937 C 12 C938 C 18	D502 D_ZENER_3PIN_AA 24 D503 D_SCHOTTKY_3PIN_AA 24	
1 C 6 2 C 7	C850 C 12 C851 C 9	C939 C 18	D504 D_SCHOTTKY_3PIN_AA 23	
3 C 6	C852 C 19	C941 C 12	D505 D_3PIN_AA 24 D506 D_SCHOTTKY 22	
4 C 6 5 C 7	C853 C 20 C854 C 6	C942 C 12 C943 C 12	D507 D_3PIN_AC 19 D508 D_3PIN_AC 19	
5 C 6 7 C 13	C855 C 10 C856 C 10	C944 C 18 C945 C 18	D509 D_3PIN_AC 19 D510 D_3PIN_AC 19	
3 C 6	C857 C 10	C946 C 12	D511 D_3PIN_AC 15	
C 7 C 6	C858 C 17 C859 C 16	C947 C 12 C948 C 18	D512 D_3PIN_AC 16 D513 D_3PIN_AC 19	
1 C 16 2 C 15	C860 C 15 C861 C 7	C949 C 18 C950 C 18	D514 D_3PIN_AC 14 D515 D_3PIN_AC 14	
3 C 13 4 C 12	C862 C 2 C863 C 10	C951 C 9 C952 C 9	D516 D_3PIN_AC 13 D517 D_3PIN_AC 13	
5 C 15	C864 C 6	C953 C 18	D518 D_3PIN_AC 13	
6 C 15 7 C 7	C865 C 20 C866 C 10	C954 C 18 C955 C 11	D519 D_3PIN_AC 14 D520 D_3PIN_AC 13	
8 C 7 9 C 6	C867 C 15 C868 C 6	C956 C 18 C957 C 11	D521 D_3PIN_AC 14 F1 F_POLYSW 24	
0 C 6 1 C 15	C869 C 10 C870 C 19	C958 C 18 C959 C 18	F501 F_POLYSW 22 J1 COM_DSUB15HD 14	
2 C 9	C871 C 9	C960 C 9	J2 CON_DSUB15HD 13	
3 C 6 4 C 6	C872 C 9 C873 C 20	C961 C 18 C962 C 18	J3 COM_MINIDIN_10 19 J4 COM_DVI_I 16	
85 C 16 86 C 15	C874 C 15 C875 C 12	C963 C 19 C964 C 18	J5 CON_DVI_I 15 J6 HDR_1X2 21	
87 C 15 88 C 7	C876 C 12 C877 C 21	C965 C 18 C966 C 18	J7 HDR_1X4 22 J501 HDR_2X4 4	
9 C 12	C878 C 12	C967 C 18	L1 L 14	
0 C 6 1 C 6	C879 C 11 C880 C 16	C968 C 18 C969 C 18	L2 L 14 L3 L 14	
2 C 17 3 C 15	C881 C 21 C882 C 22	C970 C 19 C971 C 19	L4 L 13 L5 L 13	
94 C 6 95 C 6	C883 C 9 C884 C 20	C972 C 18 C973 C 18	L6 L 13 L7 L 14	
96 C 14	C885 C 11	C974 C 18	L8 L 14	
7 C 14 8 C 12	C886 C 12 C887 C 10	C975 C 18 C976 C 18	L9 L 14 L10 L 13	
99 C 6 00 C 9	C888 C 20 C889 C 12	C977 C 18 C978 C 18	L11 L 13 L12 L 13	
11 C 7	C890 C 12	C979 C 18	L13 L 21	
22 C 17 23 C 16	C891 C 12 C892 C 12	C980 C 13 C981 C 14	L14 L 23 L15 L 24	
04 C 15 05 C 7	C893 C 22 C894 C 12	C982 C 19 C983 C 18	L16 L 24 L17 L 24	
6 C 7 17 C 7	C895 C 9 C896 C 22	C984 C 19 C985 C 19	L18 L 24 L19 L 23	
08 C 12	C897 C 20	C986 C 19	L501 L 19	
9 C 16 0 C 7	C898 C 12 C899 C 10	C987 C 19 C988 C 19	L502 L 19 L503 L 19	
11 C 9 12 C 23	C900 C 17 C901 C 12	C989 C 19 C990 C 19	L504 L 19 L505 L 19	
.3 C 6 .4 C 6	C902 C 12 C903 C 12	C991 C 19 C992 C 19	L506 L 14 L507 L 14	
5 C 6	C904 C 9	C993 C 19	L508 L 13	
16 C 7 17 C 7	C905 C 22 C906 C 7	C994 C 19 C995 C 19	L509 L 13 LB1 L 22	
8 C 16 9 C 6	C907 C 12 C908 C 22	C996 C 19 C997 C 19	LB2 L 19 LB3 L 19	
10 C 14 11 C 6	C909 C 22 C910 C 21	C998 C 19 C999 C 13	LB501 L 3 LB502 L 3	
2 C 7	C911 C 9	C1000 C 14	LB503 R 6	
3 C 16 4 C 16	C912 C 22 C913 C 11	C1001 C 14 C1002 C 14	LB504 L 6 LB505 L 3	
75 C 17 76 C 14	C914 C 22 C915 C 11	C1003 C 16 C1004 C 14	LB506 L 3 LB507 L 3	
7 C 20 8 C 7	C916 C 12	C1005 C 13	LB508 L 6	
9 C 20	C917 C 9 C918 C 12	C1006 C 13 C1007 C 13	LB509 L 6 LB510 L 6	
0 C 7 1 C 6	C919 C 9 C920 C 9	C1008 C 15 C1009 C 13	LB511 L 15 LB512 L 7	
22 C 15 33 C 19	C921 C 11 C922 C 12	C1010 C 22 C1011 C 22	L8513 L 14 L8514 L 7	
4 C 7	C923 C 12	CN501 CON_AGP 2	LB515 L 13	
5 C 6 6 C 2	C924 C 11 C925 C 12	D1 D_3PIN_AC 19 D2 D_3PIN_AC 19	LB516 L 16 LB517 L 16	
7 C 20	C926 C 18	D3 D_3PIN_AC 13	L8518 L 17	NVIDIA CORPORATION
				NVIDIA CURPURATION 2701 SAN TOMAS EXPRESSWAY
			+BRO2 AGP board, 8Mx32 DDR3, 128MB/128-bit, VGA + DVI-I + VIDEO-In + HDTV-out +Thermal here to insert page detail>	SANTA CLARA, CA 95050, USA
DIA DESIGN SPECIFICATIONS, REFERENCE SPECIFICATIONS KNOWN AND UNKNOWN VIOLATIONS OF DEVIATIONS OF THE	, REFERENCE BOARDS, FILES, DRAWINGS, DIAGNOSTICS, LISTS AND OTI STRY STANDARDS AND SPECIFICATIONS. NVIDIA MAKES NO WARPANTIES	HER DOCUMENTS OR INFORMATION (TOGETHER AND SEPARATELY, "MATERIALS") ARE BI EXPRESSED, IMPLIED, STATUTORY OR OTHERWISE WITH RESPECT TO THE MATERIALS	ING PROVIDED 'AS IS'. THE MATERIALS MAY	NV_PN 602-10218-0001-200 ID p218_a02
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1519 L 15	R32 R 21	R531 R 23	R620 R 16		
20 L 10 21 L 19	R33 R 10 R34 R 10	R532 R 24 R533 R 23	R621 R 16 R622 R 16		
L 22 L 20	R35 R 21 R36 R 21	R534 R 23 R535 R 23	R623 R 19 R624 R 19		
L 20 L 10	R37 R 21 R38 R 21	R536 R 23 R537 R 23	R625 R 4 R626 R 4		
5 L 22 7 L 18	R39 R 21 R40 R 21	R538 R 24 R539 R 23	R627 R 4 R628 R 4		
28 L 18 29 L 18	R41 R 11 R42 R 11	R540 R 24 R541 R 24	R629 R 22 R630 R 22		
530 L 14 531 L 14	R43 R 11 R44 R 20	R542 R 24 R543 R 23	R631 R 10 R632 R 10		
532 L 16 533 L 13	R45 R 20 R46 R 17	R544 R 24 R545 R 24	R633 R 2 R634 R 17		
534 L 13 535 L 15	R47 R 17 R48 R 19	R546 R 24 R547 R 24	R635 R 11 R636 R 21		
1 MEC_SCREW 25	R49 R 17	R548 R 24	R637 R 11		
C2 MEC_SCREW 25 C3 MEC_SCREW 25	R50 R 19 R51 R 17	R549 R 5 R550 R 5	R638 R 22 R639 R 11		
C4 MEC_SCREW 25 C5 HEATSINK 25	R52 R 16 R53 R 16	R551 R 5 R552 R 8	R640 R 22 R641 R 22		
Q_PNP 19 Q_FET_N_ENH 19	R54 R 16 R55 R 16	R553 R 4 R554 R 8	R642 R 11 R643 R 21		
Q_FET_N_ENH 21 Q_FET_N_ENH 21	R56 R 16 R57 R 16	R555 R 8 R556 R 4	R644 R 22 R645 R 22		
O_FET_N_ENH	R58 R 8 R59 R 8	R557 R 4 R558 R 4	R646 R 23 R647 R 25		
O_FET_N_ENH 21 O_PNP 2	R60 R 8 R61 R 8	R559 R 4 R560 R 4	R648 R 25 R649 R 11		
Q_FET_N_ENH 2 0 Q_FET_N_ENH 24	R62 R 8 R63 R 8	R561 R 8	R650 R 22 R651 R 21		
1 Q_FET_N_ENH 24	R64 R 2	R563 R 4	R652 R 25		
2 Q_FET_N_ENH 24 3 Q_FET_N_ENH 23	R65 R 2 R66 R 5	R564 R 4	R653 R 11		
4 Q_FET_N_ENH 23 5 Q_FET_P_ENH 24	R67 R 4 R68 R 4	R566 R 4 R567 R 8	R655 R 25 R656 R 25		
6	R69 R 4 R70 R 2	R568 R 8 R569 R 8	R657 R 25 R658 R 25		
3	R71 R 2 R72 R 2	R570 R 8 R571 R 8	R659 R 21 R660 R 25		
01	R73 R 2 R74 R 2	R572 R 8 R573 R 2	R661 R 25 R662 R 25		
03	R75 R 2 R76 R 2	R574 R 8 R575 R 2	R663 R 25 R664 R 11		
05 Q_FET_N_ENH 22	R77 R 2 R78 R 2	R576 R 8	R665 R 25		
06 Q_FET_P_ENH	R79 R 5	R578 R 8	R667 R 25		
08	R80 R 24 R81 R 24	R579 R 8 R580 R 8	R668 R 25 R669 R 11		
10 Q_FET_N_ENH 24 11 Q_FET_N_ENH 24	R82 R 24 R83 R 24	R581 R 7 R582 R 7	R670 R 25 R671 R 25		
12	R84 R 24 R85 R 24	R583 R 5 R584 R 15	R672 R 11 R673 R 25		
.14	R86 R 24 R87 R 24	R585 R 15 R586 R 15	R674 R 25 R675 R 11		
16 Q_NPN 19 17 Q_NPN 19	R88 R 24 R89 R 24	R587 R 15 R588 R 15	R676 R 18 R677 R 18		
R 19 R 19	R90 R 19 R501 R 24	R589 R 15 R590 R 15	R678 R 25 R679 R 11		
R 21	R502 R 24	R591 R 15	R680 R 18		
R 14 R 14	R503 R 24 R504 R 24	R592 R 15 R593 R 10	R681 R 18 R682 R 18		
R 14 R 14	R505 R 24 R506 R 24	R594 R 15 R595 R 15	R683 R 11 R684 R 11		
R 14 R 14	R507 R 24 R508 R 24	R596 R 15 R597 R 4	R685 R 25 R686 R 25		
10 R 21 11 R 13	R509 R 23 R510 R 24	R598 R 13 R599 R 15	R687 R 25 R688 R 11		
2 R 13 3 R 13	R511 R 24 R512 R 24	R600 R 15 R601 R 13	R689 R 25 R690 R 11		
4 R 13 5 R 13	R513 R 24 R514 R 22	R602 R 15 R603 R 16	R691 R 25 R692 R 25		
5 R 13	R515 R 24 R516 R 22	R604 R 7 R605 R 10	R693 R 11 R694 R 25		
7 K 19 B R 19 B R 21	R517 R 23 R518 R 23	R606 R 16 R607 R 7	R694 R 25 R695 R 11 R696 R 25		
) R 21	R519 R 22	R608 R 7	R697 R 25		
l R 19 ? R 19	R520 R 22 R521 R 22	R609 R 10 R610 R 7	R698 R 19 R699 R 25		
3 R 19 4 R 11	R522 R 23 R523 R 23	R611 R 16 R612 R 7	R700 R 18 R701 R 19		
5 R 21 6 R 21	R524 R 22 R525 R 22	R613 R 16 R614 R 14	R702 R 19 R703 R 19		
27 R 11 28 R 11	R526 R 22 R527 R 23	R615 R 7 R616 R 21	R704 R 19 R705 R 19		
29 R 21 30 R 10	R528 R 22 R529 R 23	R617 R 16 R618 R 16	R706 R 19 R707 R 19		
1 R 10	R530 R 23	R619 R 14	R708 R 19	LWA T	IDIA CORPORATION
				2701 5	SAN TOMAS EXPRESSWAY
			/43-U+BRO2 AGP board, 8Mx32 DDR3, 128MB/128-bit, VGA + DVI-I + VIDEO-In + HDTV-out +The	Time I	CLARA, CA 95050, USA N 602-10218-0001-200
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