GP106 8GB/4GB GDDR5, 256b, 256Mx32/128MX32 Tall DVI-D + DP + DP + HDMI/DP + DP TABLE OF CONTENTS Page Description Page Description Table of Contents PS: 1V8_PLL, 1V8_AON Block Biagram 27 PS: 5V, PEX VDD PCI Express 28 PS: NV3V3, NV12V GPU FB_AB 29 PS: FBVDD MEMORY: FBA[31:0] PS: NVVDD Controller 30 MEMORY: FBA[63:32] PS: NVVDD Phase 1,2 & 3 31 MEMORY: FBB[31:0] 32 PS: NVVDD Rail Balance Login & Dynamic Phase MEMORY: FBB[63:32] PS: Input, Filtering, and Monitoring MEM FB_AB PWR 34 PS: 12V Power Steering, PSI Control & LED PS: Shut Down and Sequencing 10 GPU FB_CD 35 PS: GC6 MISC 11 MEMORY: FBC[31:0] 36 MEMORY: FBC[63:32] 37 MECH 12 MEMORY: FBD[31:0] 13 MEMORY: FBD[63:32] 14 MEM FB_CD PWR GPU PWR & GND **GPU** Decoupling 18 IFPAB DVI-D-DL 19 IFPE DP 20 IFPF DP 21 IFPC HDMI/DP 22 IFPD DP 23 MIOA/B Interface and Frame Lock MISC1: Fan, Thermal, JTAG, GPIO, STEREO 25 MISC2: ROM, XTAL, STRAPS NVIDIA CORPORATION 2701 SAN TOMAS EXPRESSWA SANTA CLARA, CA 95050, USA PAGE DETAIL NV_PN 600-1G410-BASE-100 ALL WICK DESIGN SPECIFICATIONS, REFERENCE SPECIFICATIONS, REFERENCE BOARDS, FLES, DRAWINGS, DIAGNOSTICS, LISTS AND OTHER DOCUMENTS OR INFORMATION (TOGETHER AND SEPARATELY, MATERIALS) ARE BEING PROVIDED AS IS: THE MATERIALS AND SEPARATELY AND SEPARATELY, MATERIALS OR CHEMEN SERVICE AND SEPARATELY AND SEPAR PCB REV BOM REV

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