PG161-A00 TU106 6GB GDDR6, 192b, X16 DVI-D/DP + DP + HDMI TABLE OF CONTENTS Description Description Page Page Description Page Table of Contents 26 MISC2: ROM, XTAL, STRAPS 51 PS: Pre-filter 2 Block Diagram 27 PS: 1V8_AON 52 MECH 3 PCI Express 28 PS: 5V 53 PTC PCIE RC TERM PS: PEXVDD 29 5 MEMORY: GPU FB AB 30 PS: FBVDDQ 6 MEMORY: FBA[31:0] 31 PS: FBVDDQ PH2 MEMORY: FBA[63:32] 32 PS: NVVDD Controller MEMORY: FBB[31:0] PS: NVVDD Controller OVR3i 8 33 9 MEMORY: FBB[63:32] 34 PS: NVVDD Phase 6,4 10 MEMORY: GPU FB_CD 35 PS: NVVDD Phase 3,5 PS: NVVDD Phase 2,1 MEMORY: FBC[31:0] 36 11 MEMORY: FBC[63:32] 37 PS: Input Power Balancing Switcher 12 13 MEMORY: FBD[31:0] 38 PS: Input, Filtering, and Monitoring PS: STEERING, UPB & HOT-UNPLUG 14 MEMORY: FBD[63:32] 39 GPU PWR & GND PS: Type-C BuckBoost 15 16 GPU Decoupling 41 PD PPC 17 GPU Decoupling2 42 PS: 12V & 3V3_A SWITCHER 18 IO: IFPAB DVI-D-DL 43 SEQ: 5V, 1V8, NV3V3 ENABLE IO: IFPA DP SEQ: NV. PEX. FB ENABLE 19 44 20 IO: IFPB DP 45 SEQ: VOLTAGE MONITOR IO: IFPE & IFPF USBC NC SEQ: DISCHARGE 21 46 IO: IFPC HDMI 47 SEQ: MISC 22 IO: IFPD DP LOGO LED 23 48 24 IO: NVHS Interface and Frame Lock 49 LED DRIVER & BOOST 25 MISC1: Thermal, JTAG, GPIO, STEREO 50 MICRO-STAR INT'L CO.,LTD MS-V375







































































































