PG161-A00

TU106 6GB GDDR6, 192b, X16 DVI-D/DP + DP + HDMI

TABLE OF CONTENTS

Page	Description	Page	Description	Page	Description
1	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
4	PCIE RC TERM	29	PS: PEXVDD		
5	MEMORY: GPU FB_AB	30	PS: FBVDDQ		
6	MEMORY: FBA[31:0]	31	PS: FBVDDQ PH2		
7	MEMORY: FBA[63:32]	32	PS: NVVDD Controller		
8	MEMORY: FBB[31:0]	33	PS: NVVDD Controller OVR3i		
9	MEMORY: FBB[63:32]	34	PS: NVVDD Phase 6,4		
10	MEMORY: GPU FB_CD	35	PS: NVVDD Phase 3,5		
11	MEMORY: FBC[31:0]	36	PS: NVVDD Phase 2,1		
12	MEMORY: FBC[63:32]	37	PS: Input Power Balancing Switcher	V375-2	0
13	MEMORY: FBD[31:0]	38	PS: Input, Filtering, and Monitoring	1 移除	CO-LAV
14	MEMORY: FBD[63:32]	39	PS: STEERING, UPB & HOT-UNPLUG	Z. Core Men	Power: uP9512SQKI (QFN 4x4) + (NCP302045 x 4) nory Power: 132-S725602-N03 + (UBIQ 3103+3107*2) add R779
15	GPU PWR & GND	40	PS: Type-C BuckBoost	V D 3U	8) AA 核降DC ERVIND RITEE拗自符號
16	GPU Decoupling	41	PD PPC	换 FB 5. P.52	VDD controller · 换成1PHASE 上1下2 add HDMI & DVI 螺絲 常用料 · footprint 不變
17	GPU Decoupling2	42	PS: 12V & 3V3_A SWITCHER	6. IO 換	常用料·footprint 不變
18	IO: IFPAB DVI-D-DL	43	SEQ: 5V, 1V8, NV3V3 ENABLE		
19	IO: IFPA DP	44	SEQ: NV, PEX, FB ENABLE		
20	IO: IFPB DP	45	SEQ: VOLTAGE MONITOR		
21	IO: IFPE & IFPF USBC NC	46	SEQ: DISCHARGE		
22	IO: IFPC HDMI	47	SEQ: MISC		
23	IO: IFPD DP	48	LOGO LED		
24	IO: NVHS Interface and Frame Lock	49	LED DRIVER & BOOST		
25	MISC1: Thermal, JTAG, GPIO,STEREO	50	FAN		

MICRO-STAR INT'L CO.,LTD MS-V375 Custom Page1: Table of Contents

Date: Monday, November 05, 2018

TAL MOR DESIGN PERSONATION, EXPERIENCE SPECIPATION, REFERENCE SPECIPATION, REFERENCE SPECIPATION, REFERENCE SPECIPATION, REFERENCE SPECIPATION, REFERENCE SPECIFICATION, RE







































































































