P699-B00: GT215/6/8 MXM V3.0 TYPE A 512/1024MB 128/64-BIT DDR3 LVDS, QUAD DP, DVI, VGA

## Table of Contents:

Page 1: Cover Page

Page 2: PCI EXPRESS Interface

Page 3: Frame Buffer GPU Interface

Page 4: Frame Buffer Partition A Lower 32 Bits

Page 5: Frame Buffer Partition A Upper 32 Bits

Page 6: Frame Buffer Partition C Lower 32 Bits

Page 7: Frame Buffer Partition C Upper 32 Bits

Page 8: Memory Decoupling Caps

Page 9: DAC\_A, DAC\_B, SPREAD, PLL, CRYSTAL

Page 10: DP LINKS C, D, E, F

Page 11: MXM Connector, IO-Section

Page 12: GPIOs. JTAG, Thermal Sensor

Page 13: LVDS, VBI OS HDCP ROM, and CEC

Page 14: MIOA, MIOB, GPU VDD\DCPLNG\GND

Page 15: NVVDD Power Supply and 3V3\_RUN

Page 16: FBVDDQ, PEXVDD, and VDD\_IO\_PLL Power Su

Page 17: STRAPS and MOUNTING HOLES

-arc-RIMA
Suppl i es

SKU	VARI ANT	NVPN	ASSEMBLY
В	BASE	600-10699-base-sch	BASE LEVEL GENERIC SCHEMATIC ONLY, COMMON & NO_STUFF ASSEMBLY NOTES AND BOM NOT FINAL.
1	SKU0001	600-10699-0001-000	P699-A00 SKU1 GT216-630 MXM3.0 TYPE-A 1024MB 8pcs 64Mx16
2	SKU0002	600-10699-0002-000	P699-A00 SKU2 GT216-600 MXM3.0 TYPE-A 1024MB 8pcs 64Mx16
3	SKU0003	600-10699-0003-000	P699-A00 SKU3 GT218-730 MXM3.0 TYPE-A 512 MB 4pcs 64Mx16
4	SKU0005	600-10699-0005-000	P699-A00 SKU5 GT216-640 MXM3.0 TYPE-A 1024 MB 8pcs 64Mx16
5	SKU0501	600-50699-0501-000	P699-A00 SKU501 GT216-950 MXM3.0 TYPE-A 1024MB 8pcs 64Mx16
6	<undefi ned=""></undefi>	<undefined></undefined>	<undefi ned=""></undefi>
7	<undefined></undefined>	<undefined></undefined>	<undefined></undefined>
8	<undefi ned=""></undefi>	<undefined></undefined>	<undefi ned=""></undefi>
9	<undefined></undefined>	<undefined></undefined>	<undefined></undefined>
10	<undefi ned=""></undefi>	<undefined></undefined>	<undefi ned=""></undefi>
11	<undefined></undefined>	<undefined></undefined>	<undefined></undefined>
12	<undefi ned=""></undefi>	<undefined></undefined>	<undefi ned=""></undefi>
13	<undefi ned=""></undefi>	<undefined></undefined>	<undefi ned=""></undefi>
14	<undefi ned=""></undefi>	<undefined></undefined>	<undefi ned=""></undefi>
15	<undefined></undefined>	<undefi ned=""></undefi>	<undefined></undefined>
_			

## NVIDIA CORPORATION

2701 SAN TOMAS EXPRESSWAY

SANTA CLARA, CA 95050, USA

NV\_PN 600-10699-0001-100 A

ALL NVIDIA DESIGN SPECIFICATIONS, REFERENCE SPECIFICATIONS, REFERENCE BOARDS, FILES, DRAWINGS, DIAGNOSTICS, LISTS AND OTHER DOCUMENTS OR INFORMATION (TOGETHER AND SEPARATELY, 'MATERIALS') ARE BEING PROVIDED 'AS IS'. THE MATERIALS MAY CONTAIN KNOWN AND UNKNOWN VIOLATIONS OR DEVIATIONS OF INDUSTRY STANDARDS AND SPECIFICATIONS. NVIDIA MAKES NO WARRANTIES, EXPRESSED, IMPLIED, STATUTORY OR OTHERWISE WITH RESPECT TO THE MATERIALS OR OTHERWISE, AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING, WITHOUT LIMITATION, THE WARRANTIES OF DESIGN, OF NONINFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ARISING FROM A COURSE OF DEALING, TRADE USAGE, TRADE PRACTICE, OR INDUSTRY STANDARDS































