P874: GT218, DDR3 MEMORY 64MX16/128MX16

Page 1: P874 Overview

Page 2: PCI Express Interface

Page 3: Frame Buffer Interface

Page 4: DDR3 Memories

Page 5: DAC A VGA

Page 6: DAC B VGA Header

Page 7: IFPA, B for DVI

Page 8: IFPC for HDMI

Page 9: IFPD, IFPE Interface(Not used), Mechanical

Page 10: XTAL, ROM, JTAG

Page 11: Thermal Protection, Protected 3V3, Straps

Page 12: Power Supply I: FBVDD/Q, 5V

Page 13: Power Supply II: NVVDD, PEXVDD

Page 14: Power Supply: PEXVDD FOR LOWER POWER SKU

SKU	VARI ANT	NVPN	ASSEMBLY
В	BASE	600-10874-BASE-200	BASE LEVEL GENERIC SCHEMATIC ONLY, COMMON & NO_STUFF ASSEMBLY NOTES AND BOM NOT FINAL
1	SKU0000	600-10874-0000-200	GT218-300, 589/1402/790, 512MB/64bit, 64Mx16 DDR3, DVI-DL+VGA, DT
2	SKU0001	600-10874-0001-200	GT218-325, 589/1402/790, 512MB/64bit, 64Mx16 DDR3, DVI-DL+VGA, DT
3	SKU0002	600-10874-0002-200	GT218-300-Ax,589/1402/790, 512MB/64bit, 64Mx16 DDR3, DVI-DL+VGA, DT
4	<undefi ned=""></undefi>	<undef1 ned=""></undef1>	<undefi ned=""></undefi>
5	<undefi ned=""></undefi>	<undefi ned=""></undefi>	<undefi ned=""></undefi>
6	<undefi ned=""></undefi>	<undef1 ned=""></undef1>	<undefined></undefined>
7	<undefi ned=""></undefi>	<undefi ned=""></undefi>	<undefined></undefined>
8	<undefi ned=""></undefi>	<undefi ned=""></undefi>	<undefined></undefined>
9	<undefi ned=""></undefi>	<undefi ned=""></undefi>	<undefined></undefined>
10	<undefi ned=""></undefi>	<undefi ned=""></undefi>	<undefined></undefined>
11	<undefi ned=""></undefi>	<undefi ned=""></undefi>	<undefi ned=""></undefi>
12	<undefi ned=""></undefi>	<undefi ned=""></undefi>	<undefi ned=""></undefi>
13	<undefi ned=""></undefi>	<undefi ned=""></undefi>	<undefi ned=""></undefi>
14	<undefi ned=""></undefi>	<undefi ned=""></undefi>	<undefined></undefined>
15	<undefined></undefined>	<undefi ned=""></undefi>	<undefi ned=""></undefi>

NVIDIA CORPORATION

2701 SAN TOMAS EXPRESSWAY

SANTA CLARA, CA 95050, USA NV_PN 600-10874-0003-200

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

























