

























Page 15: vedit here to insert page deta

## P381: G72, DDR2 MEMORY 16Mx16

Page 1: P381 Overview

Page 2: PCI Express Interface

Page 3: Frame Buffer Interface

Page 4: Memory 1st bank 0..31

Page 5: Memory 1st bank 32..63

Page 6: DACA, DACB, DACC, Sync Buffers

Page 7: DACB, VGA Output, TV Out

Page8: S-Video Minidin Connector

Page 9: TMDS Interface

Page 10: MIOA, MIOB Interface, LPC-ROM

Page 11: STRAPS, Mechanical Parts

Page 12: XTAL, GPIO, BIOS, FAN, JTAG, THERMAL

Page 13: PowerSupplyI: NVVDD, A3V3

Page 14: PowerSupplyII: 5V, DDC5V, F3V3, TMDS\_PLLVDD

	zen.	VARIANT	NVPN	ASSEMBLY			
- [	В	BASE	600-10381-xxxx-400	BASE LEVEL GENERIC SCHEMATIC ONLY, COMMON & NO_STUFF ASSEMBLY NOTES AND BOM NOT FINAL			
- 1	1	SKU0010	600-10381-0010-400	P381: G3-64,7300LE, 64 BIT DDR2 16Mx16 MEMORY, VGA+DVI+TVous			
- 1	2	SKU0011	600-10381-0011-400	P381: G3-64,7300LE, 64 BIT DDR2 32Mx16 MEMORY, VGA+DVI+TVout			
- 1	3	SKU0012	600-10381-0012-400	P381: G3-64,7300GS, 64 BIT DDR2 32Mx16 MEMORY, VGA+DVI+TVout			
- 1	4	SKU0013	600-10381-0013-400	P381: G3-64,7300GS, 64 BIT DDR2 16Mx16 MEMORY, VGA+DVI+TVout			
- 1	5	<undefined></undefined>	<undefined></undefined>	«UNDEFINED»			
- 1	6	<undefined></undefined>	<undefined></undefined>	«UNDEFINED»			
- 1	7	<undefined></undefined>	<undefined></undefined>	«UNDEFINED»			
- 1	8	<undefined></undefined>	<undefined></undefined>	«UNDEFINED»			
- 1	9	<undefined></undefined>	<undefined></undefined>	«UNDEFINED»			
- 1	10	<undefined></undefined>	<undefined></undefined>	«UNDEFINED»			
- 1	11	<undefined></undefined>	<undefined></undefined>	«UNDEFINED»			
- 1	12	«UNDEFINED»	<undefined></undefined>	-UNDEFINED>			
- 1	13	<undefined></undefined>	<undefined></undefined>	«UNDEFINED»			
- 1	14	<undefined></undefined>	<undefined></undefined>	«UNDEFINED»			
- 1	15	«LINDEFINED»	«LINDEFINED»	d INDEFINEDS			

## Base on P381\_ A04 (V056-V3.0)modify

Page8, removed mini-din 4pin. add mini-din 7pin support HDTV

Page 13: PowerSupplyl: NVVDD, A3V3 add mlcc 10U/16V 1206 5pcs remove L5 1R0

Page 9: ADD 預留R589,R590,R591,R592,R593,R594,R595,R596 FOR EMI

Page 12: XTAL 雙LOAYOUT SMD 49US

					NVIDIA CORPORATION			
					2701 SAN TOMAS EXPRESSIVAY			
ASSEMBLY BUSIL LEFE CORRECT SCHEART COLLY COMMON A TO_STUFF ASSEMBLY NOTES AND BOM NOT FINAL  PROEDER ASSEMBLY BUSIL LEFE CORRECT SCHEART COLLY COMMON A TO_STUFF ASSEMBLY NOTES AND BOM NOT FINAL  PROEDER ASSEMBLY BUSIL LEFE CORRECT SCHEART COLLY COMMON A TO_STUFF ASSEMBLY NOTES AND BOM NOT FINAL  PROEDER ASSEMBLY BUSINESS AND BOM NOT FINAL  PROEDER BUSINESS AND BOM BOM BOM BOM B								
	NV_PN 600-10381-xxxx-400							
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 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 I	ID PAGE							
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 SE	AUDIT LINITATION THE WARRANTES OF DESIGN, OF NONINFRINGEMENT, MERCHANTAGING, FRANCE OF REGULAR, TRADE PRACTICE, OR ROUSTRY STANDARDS.							