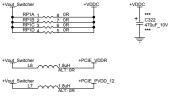


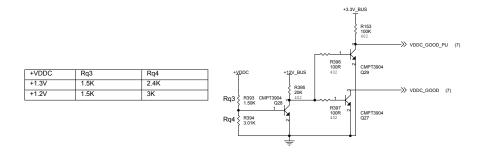
*** Indicate number of power via required for the connection

Part	NOTES
MAX1954	Do not install Cc1, Rc1
ISL6522	Install Cc1, Rc1

Part	Vout	R1	R2
MAX1954 ISL6522	1.2V	1.00K 1% ATI P/N 3240100100	2.00K 1% ATI P/N 3240200100
0.8V Ref	1.3V	1.00K 1% ATI P/N 3240100100	1.6K 1% ATI P/N 3240162100



Circuit to hold PCI-E voltage low and wait for +VDDC for proper power sequence



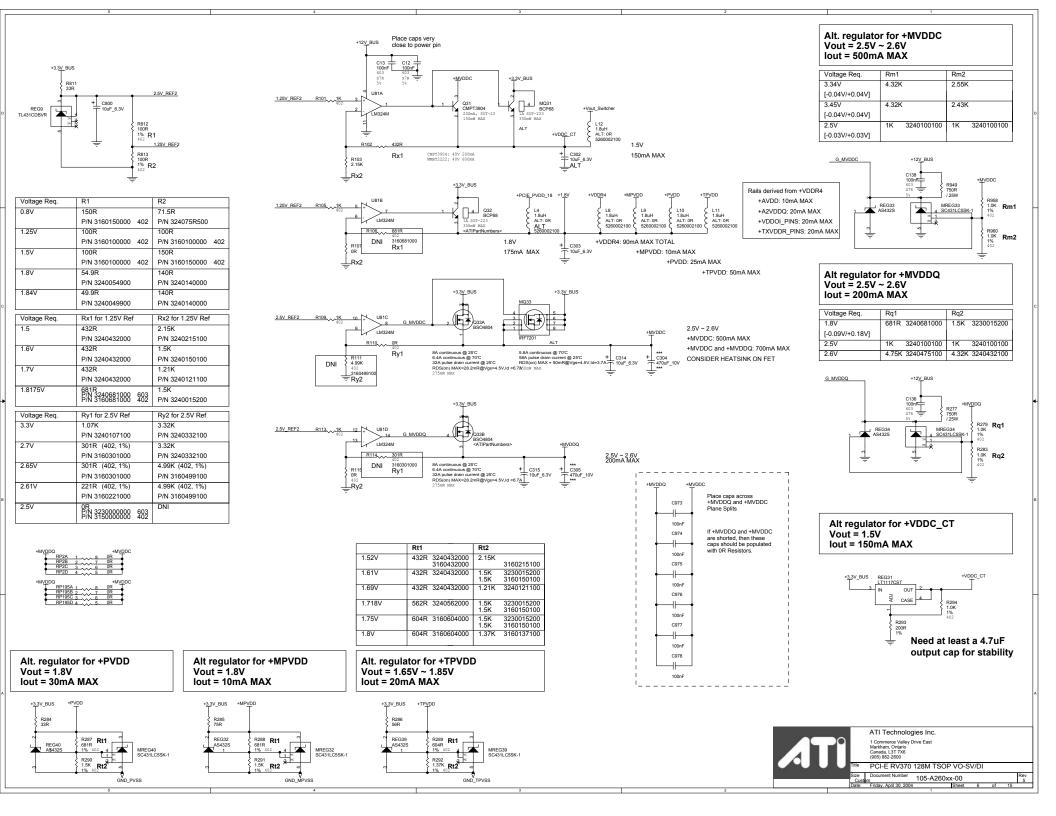


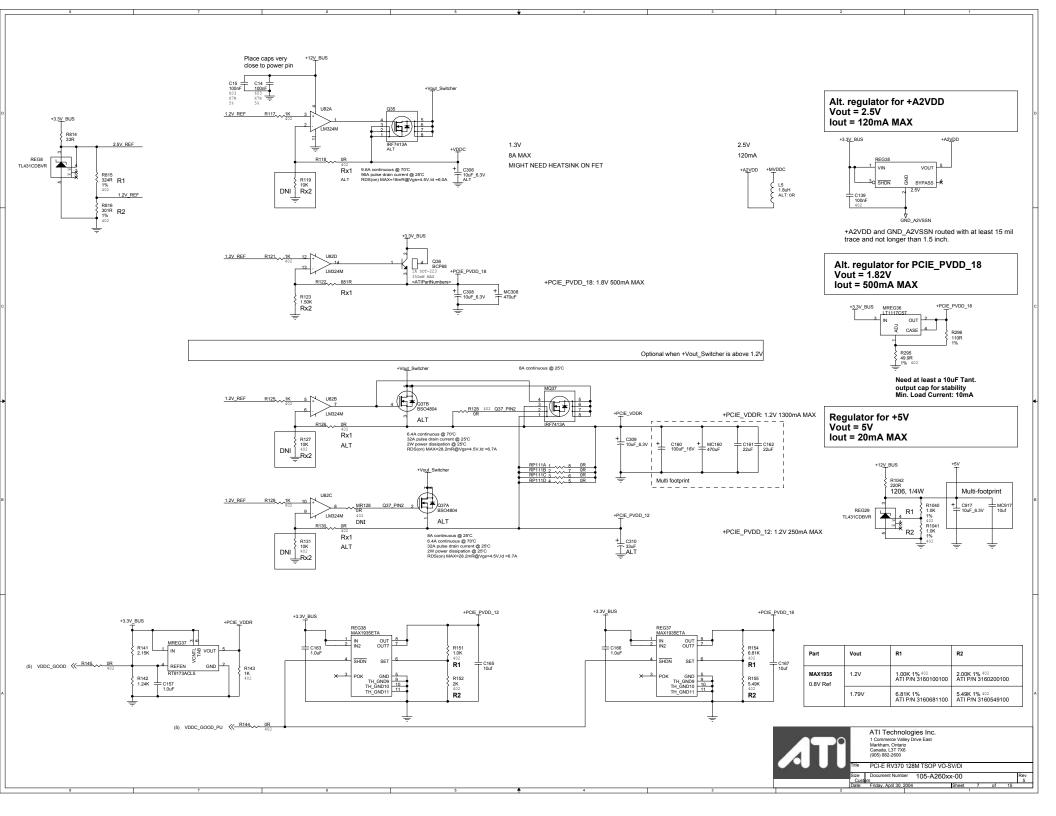
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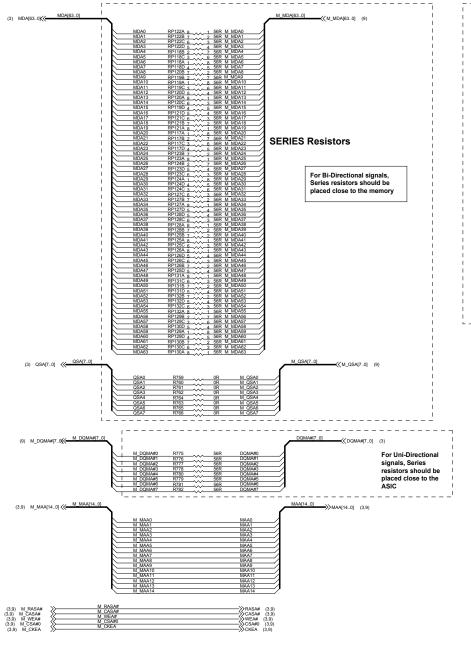
1 Commerce Valley Drive East Markham, Ontario Canada, L3T 7X6

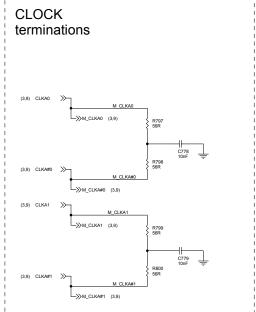
PCI-E RV370 128M TSOP VO-SV/DI

ize Document Number 105-A260xx-00





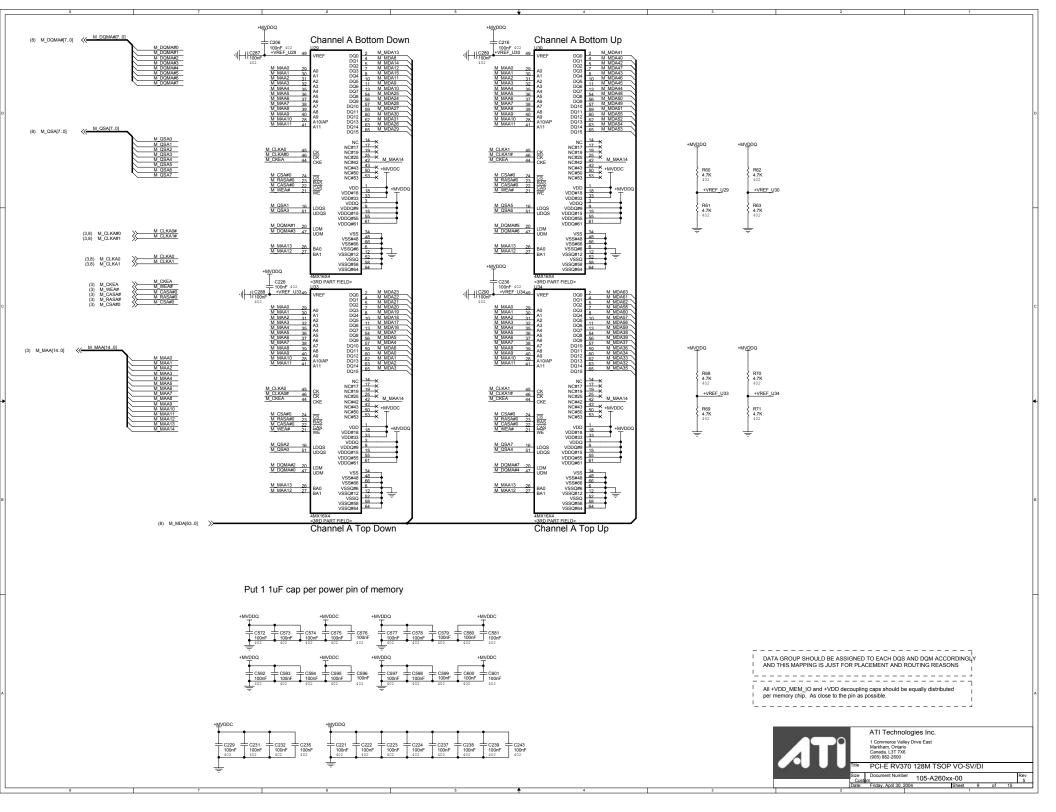




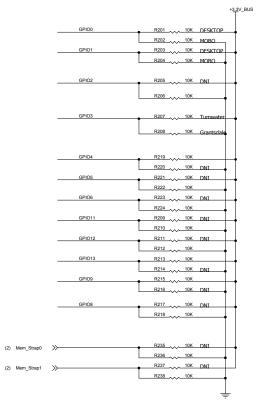
ATI Technologies Inc. 1 Commerce Valley Drive East Markham, Ontario Canada, L3T 7X6 (905) 882-2600

PCI-E RV370 128M TSOP VO-SV/DI

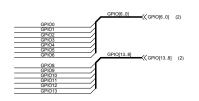
105-A260xx-00



OPTION STRAPS



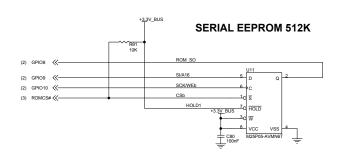
			+VDDR4
(2) LCDDATA16	>	R227 10K DNI R228 10K	\rightarrow
(2) LCDDATA17 R250		R229 10K DNI R230 10K	H
8	>	R231 10K DNI R232 10K	
=		-	Ţ



STRAPS	PIN	DESCRIPTION	ASIC DEFAULT
STRAP_B_PTX_PWRS_ENB	GPI00	Tansmitter Power Savings Enable 0: 50% Tx output swing for mobile mode 1: full Tx output swing	0
STRAP_B_PTX_DEEMPH_EN	GPIO1	Transmitter De-emphasis Enable 0: Tx de-emphasis disabled for mobile mode 1: Tx de-emphasis enabled	0
PCIE_MODE(1:0)	GPIO(3:2)	00: PCI Express 1.0A mode (Grantsdale) 01: Kyrene-compatible mode 10: FCI Express 1.0 mode (Turnwater) 11: PCI Express 1.0 mode (Turnwater) 11: PCI Express 1.04 mode and short circuit internal loopback mode (Kx.comreted directly to 1 x of PHY)	00
STRAP_B_PTX_IEXT	GPIO4	Transmitter Extra Current Cr. normal mode 1: extra current in Tx output stage - potential power savings for mobile mode	0
STRAP_FORCE_COMPLIANCE	GPI05	Force chip to go to Compliance state quickly for Tester purposes 0: normal operational mode 1: compliance mode	0
STRAP_B_PPLL_BW	GPIO6	PLL Bandwidth 0: full PLL Bandwidth 1: reduced PLL bandwidth	0
STRAP_DEBUG_ACCESS	GPI08	Strap to set the debug muses to bring out DEBUG signals even if registers are inaccessible.	0
ROMIDCFG(3:0)	GPIO(9,13:11)	If no ROM attached, controls chip IDis. If rom attached identifies ROM type 0000 - No ROM, CHG, ID-0 0000 - No ROM, CHG, ID-0 0000 - No ROM, CHG, ID-0 0000 - Reariest ROM, only IDIS from ROM 0100 - Pearsiest ROM, only IDIS from ROM 10100 - Parallel ROM, only IDIS from ROM 10100 - R	
VIP_DEVICE	DVPDATA_20 (VHAD0 net)	Indicates if any slave VIP host devices drove this in low during reset. 0 - Slave VIP host port devices present 1 - No slave VIP host port devices reporting presence during reset	

STRAPP	INTERRUPT
LOW	ENABLED (DEFAULT)
HIGH	DISABLED

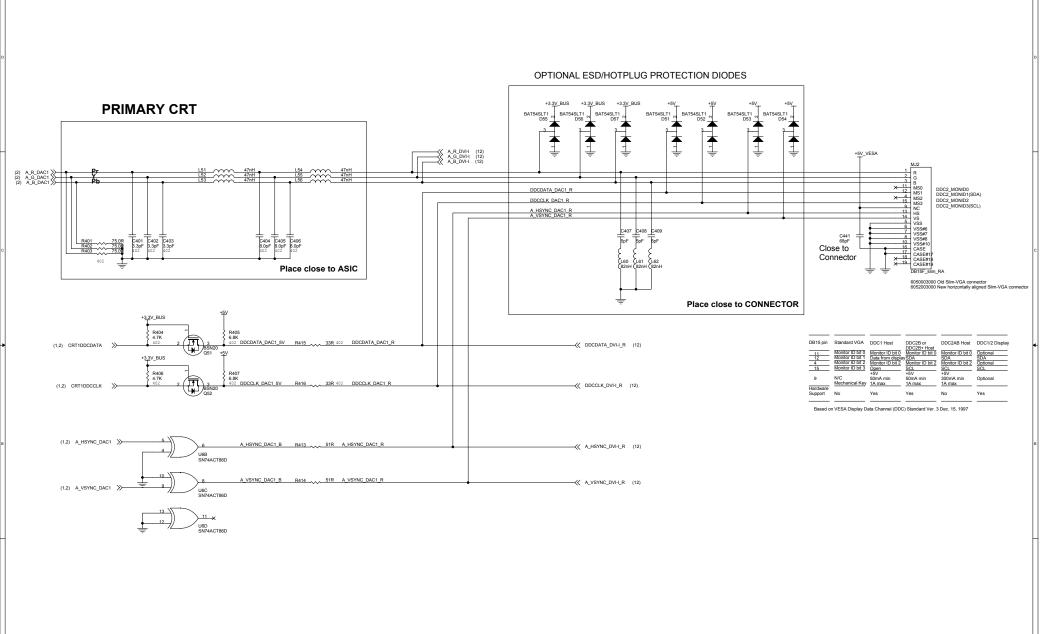
MEM	MEMORY TYPE STRAPS		
	Mem_Strap0	Mem_Strap1	
SAM	0	0	
INF	1	0	
HYN	0	1	
ELPIDA	1	1	





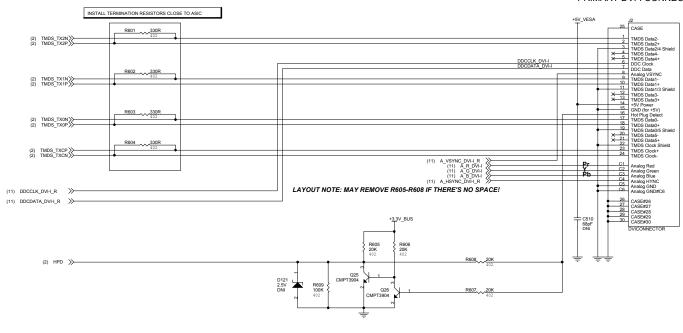
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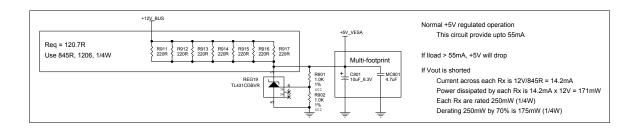
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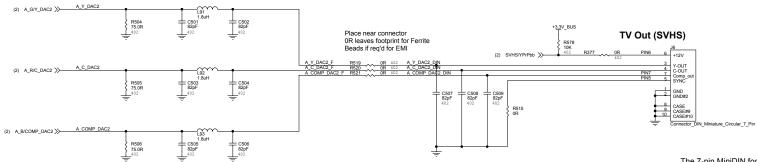
PRIMARY DVI-I CONNECTOR





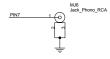


Place Resistors close to ASIC.

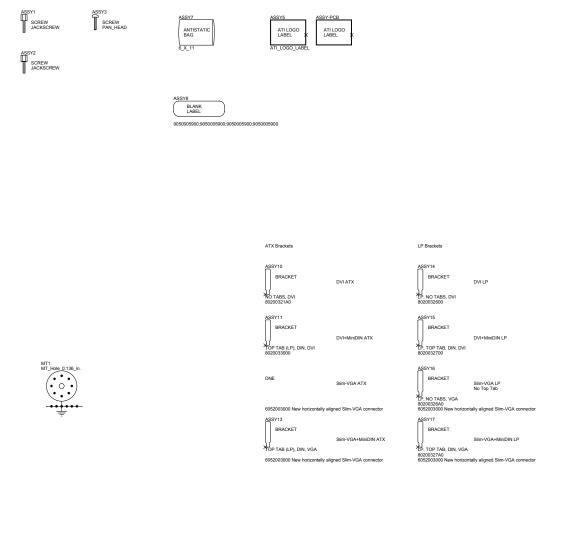


The 7-pin MiniDIN footprint allows one of the two MiniDINs:

- 7-pin Svideo/Composite MiniDIN P/N 6071001500 4-pin Svideo MiniDIN P/N 6070001000



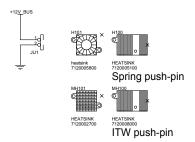




DVI/VGA SCREWS

Bracket Screws

MISC. BOARD PARTS





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