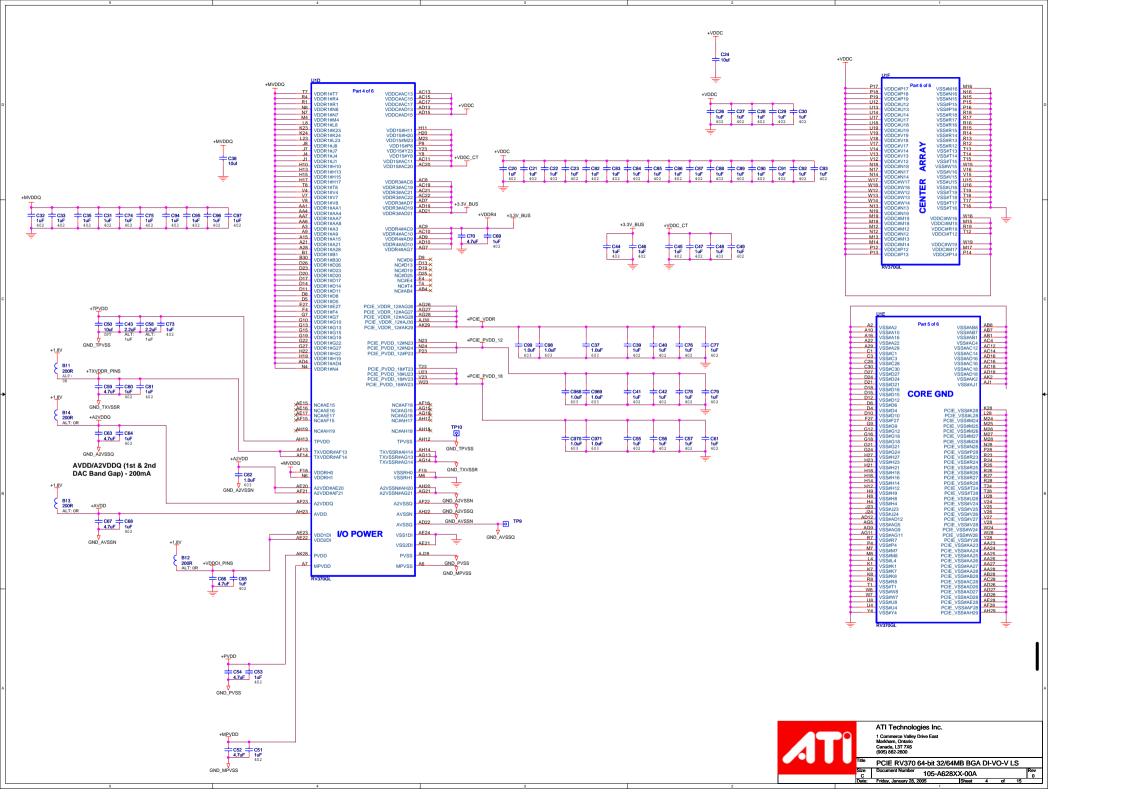
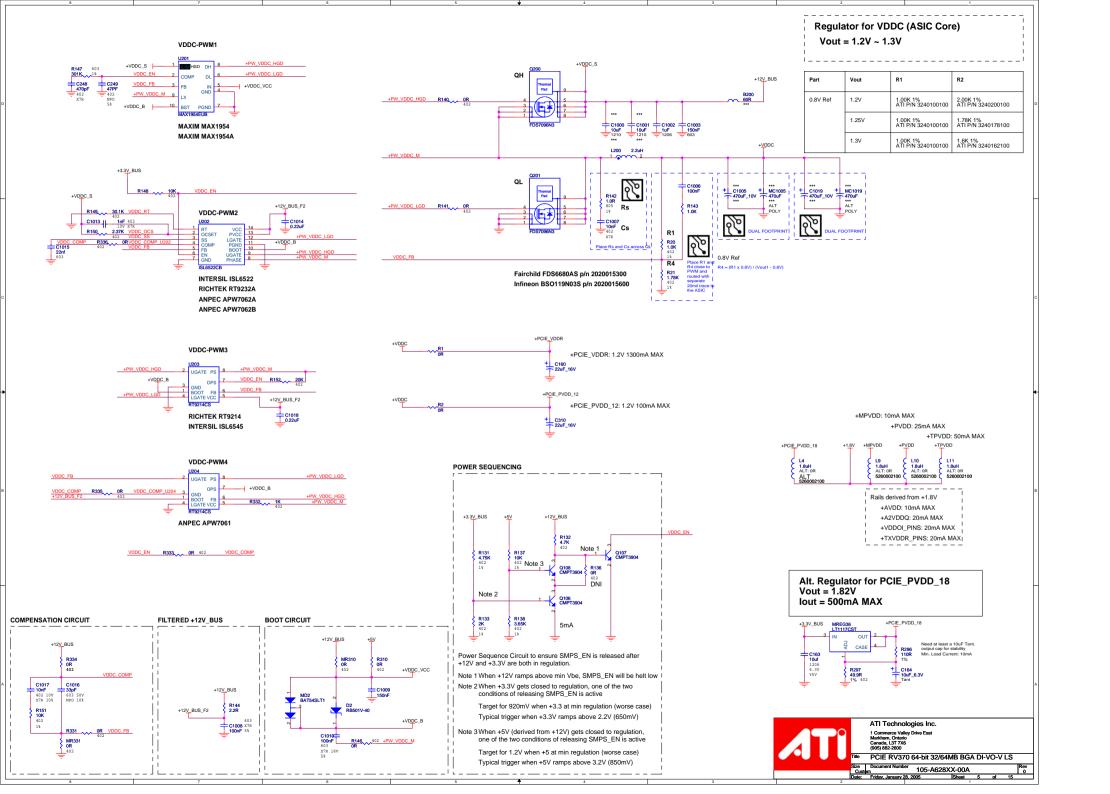


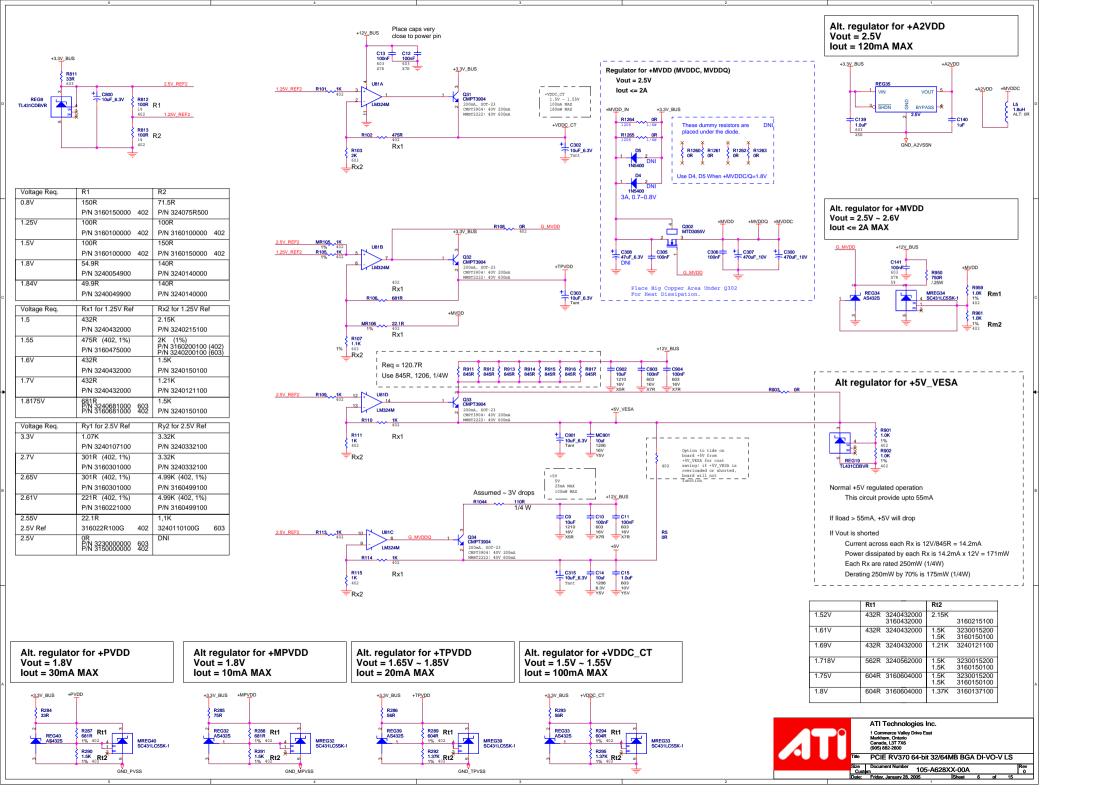
MEMORY CHANNEL B

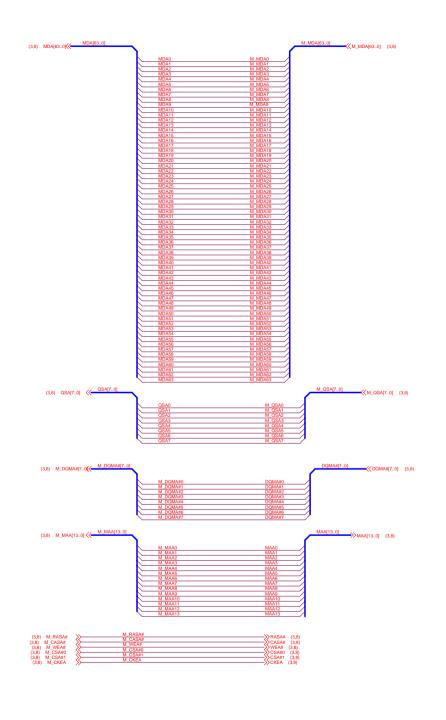
VDDR1	MEMVMODE_0	MEMVMODE_1
1.8V	GND	+VDDC_CT
2.5V	+VDDC_CT	GND
2.8V	+VDDC_CT	+VDDC_CT

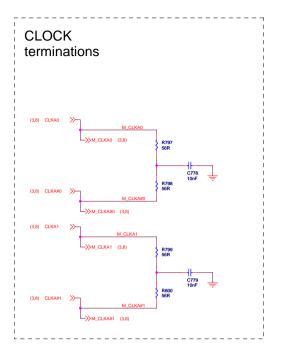




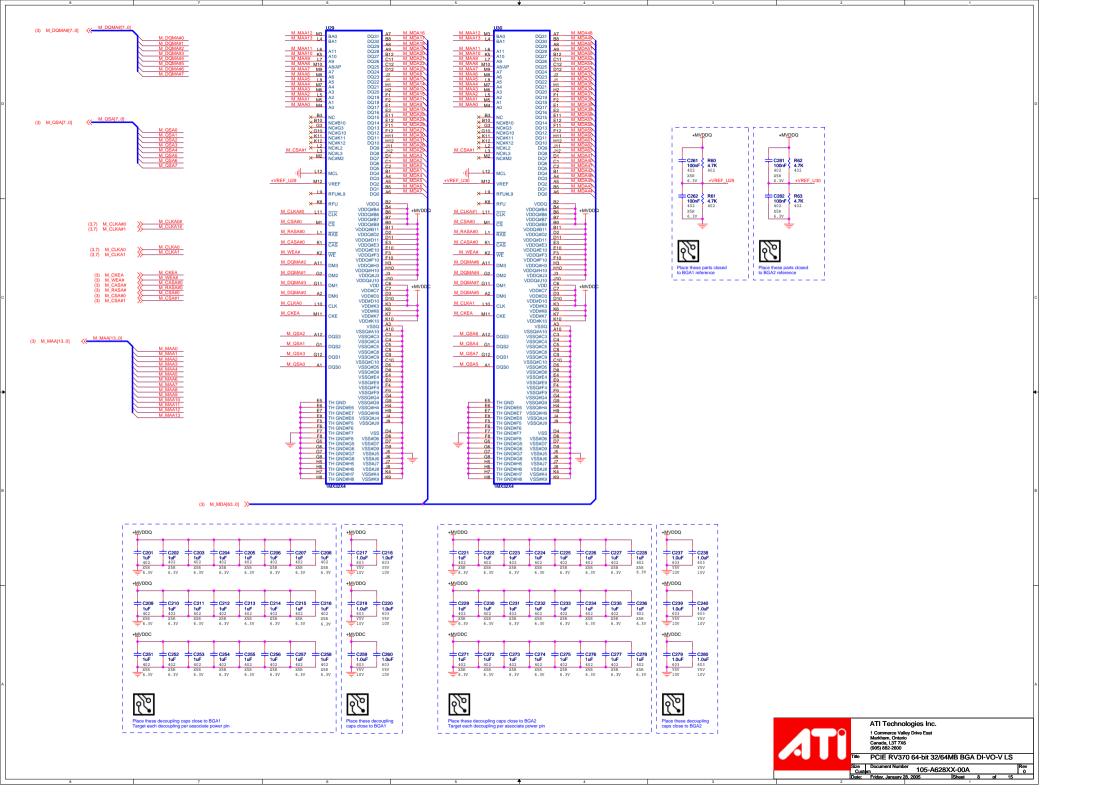




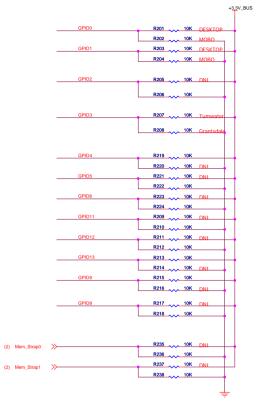




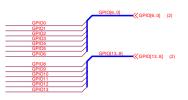




OPTION STRAPS



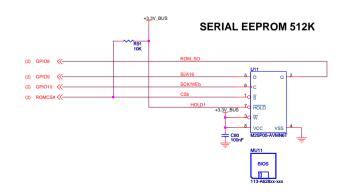




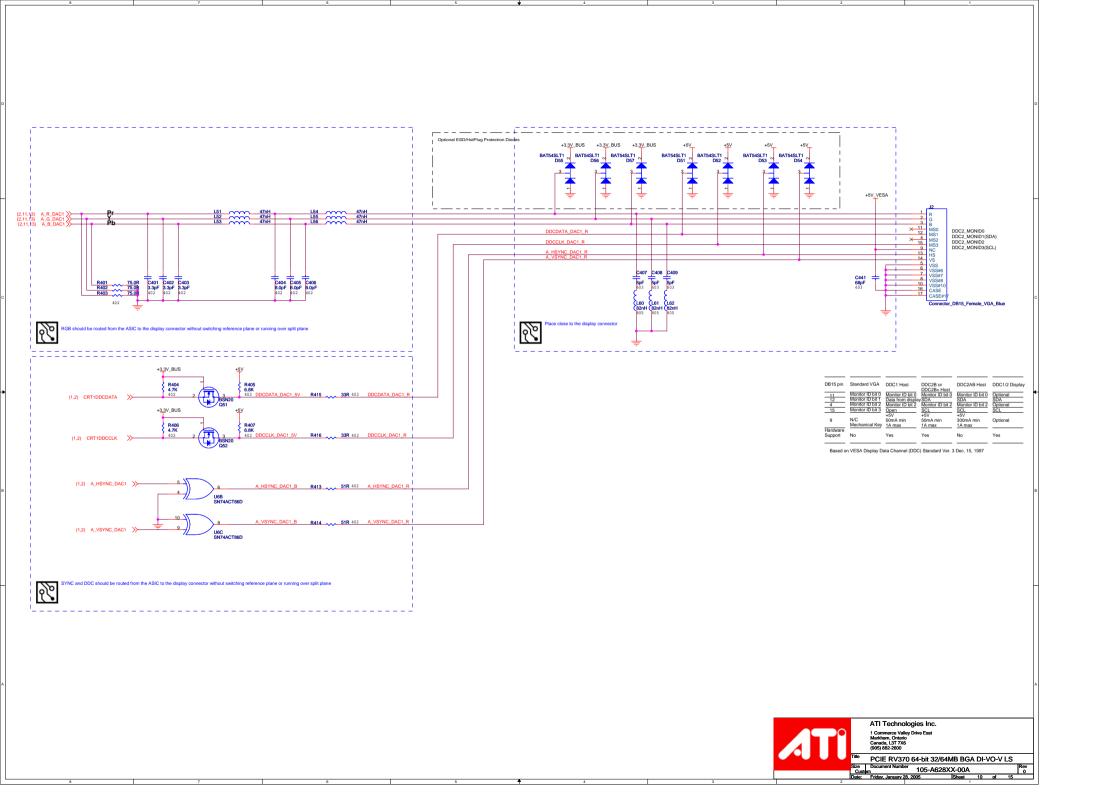
STRAPS	PIN	DESCRIPTION	ASIC DEFAULT
STRAP_B_PTX_PWRS_ENB	GPI00	Tansmitter Power Savings Enable 0. 50% Tx output swing for mobile mode 1: full Tx output swing or mobile mode	0
STRAP_B_PTX_DEEMPH_EN	GPIO1	Transmitter De-emphasis Enable 0: Tx de-emphasis disabled for mobile mode 1: Tx de-emphasis enabled	0
PCIE_MODE(1:0)	GPIO(3:2)	00: PCI Express 1.0A mode (Grantsdale) 01: Kyrene-compatible mode 10: Kyrene-compatible mode 11: PCI Express 1.0 mode (Tumwater) 11: PCI Express 1.0A mode and short-circuit internal loopback mode (Rx comressed directly to 1 X of PHY)	00
STRAP_B_PTX_IEXT	GPIO4	Transmitter Extra Current 0: normal mode 1: extra current in Tx output stage - potential power savings for mobile mode	0
STRAP_FORCE_COMPLIANCE	GPIO5	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	GPIO8	Strap to set the debug muxes to bring out DEBUG signals even if registers are inaccessible.	0
ROMIDCFG(3:0)	GPIO(9,13:11)	If no ROM attached, comtrols chip IDis. If rom attached identifies ROM type 0000 - No ROM, CHG, ID=0 0001 - No ROM, CHG, ID=0 0001 - No ROM, CHG, ID=1 0010 - Rearial ROM, chip IDis from ROM 1001 - Serial ROM, Chip IDis from ROM 1011 - Serial ROM, Chip IDIs from ROM 1010 - Serial ROM, Chip IDIS From ROM 1000 - Serial ROM, Chip IDIS From ROM	
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.	

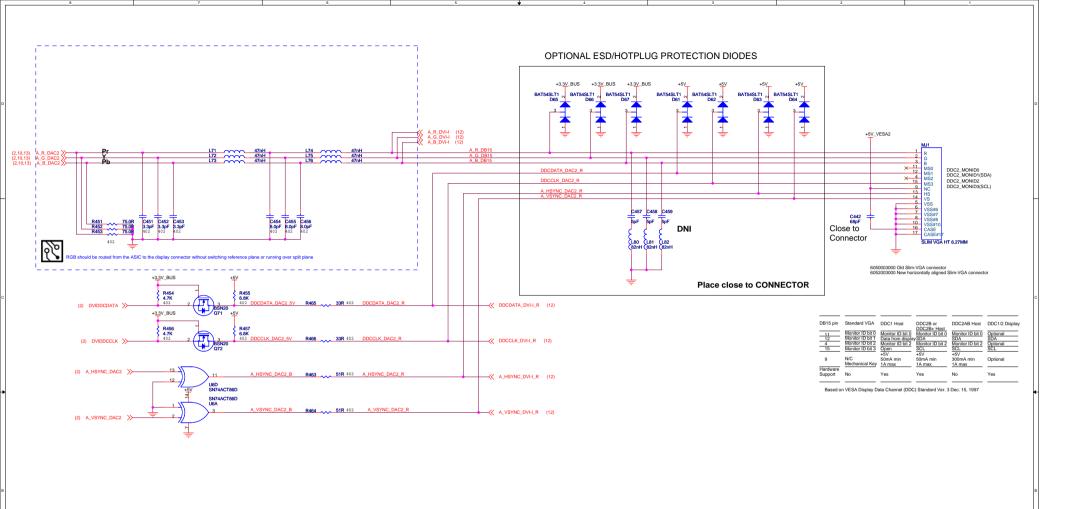
STRAP P	INTERRUPT
LOW	ENABLED (DEFAULT)
HIGH	DISABLED

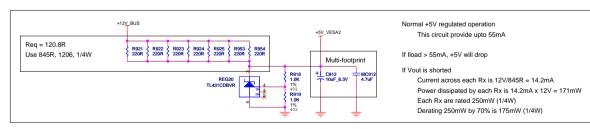
MEMORY TYPE STRAPS						
	Mem_Strap0	Mem_Strap1				
SAM	0	0				
INF	1	0				
HYN	0	1				
ELPIDA	1	1				



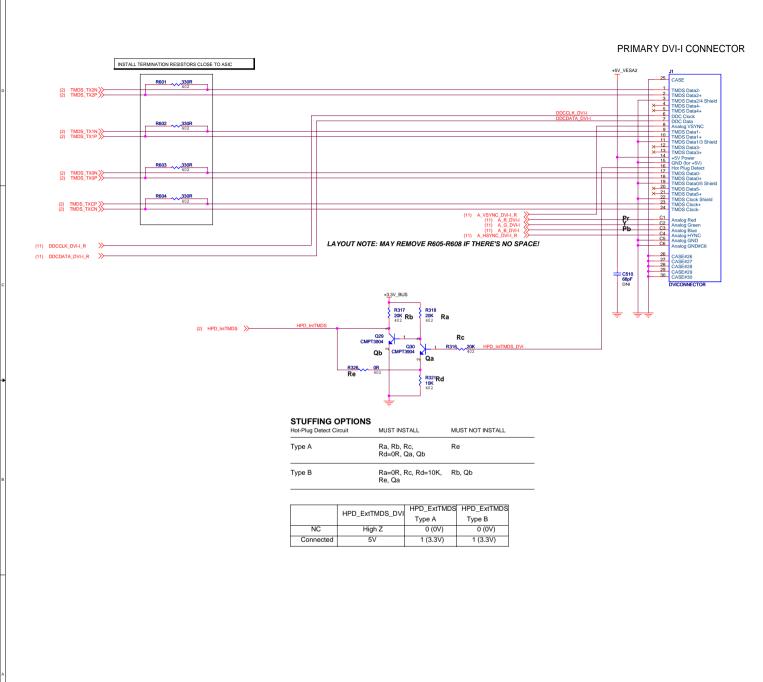




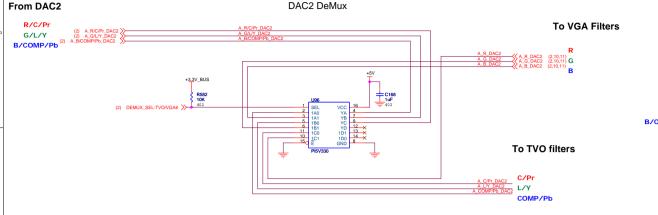




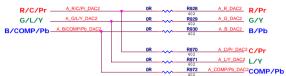




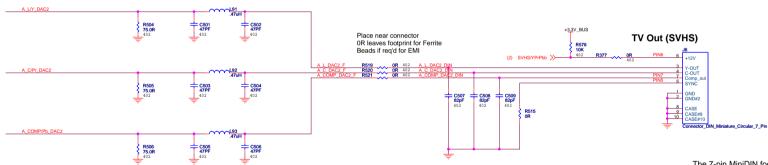




DAC2 DeMux BYPASS

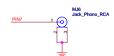


Place Resistors close to ASIC.

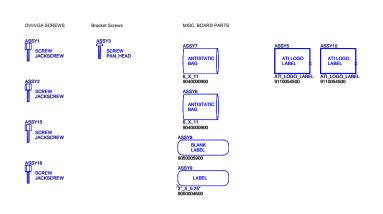


The 7-pin MiniDIN footprint allows one of the two MiniDINs: - 7-pin Svideo/Composite MiniDIN P/N 6071001500

- 4-pin Svideo MiniDIN P/N 6070001000

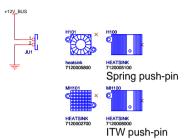














ATI Technologies Inc.

ATT TeCTITIONIGNES TIC.

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(2009) 828-2600

Title PCIE RV370 64-bit 32/64MB BGA DI-VO-V LS

Size Document Number 105-A628XX-00A

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