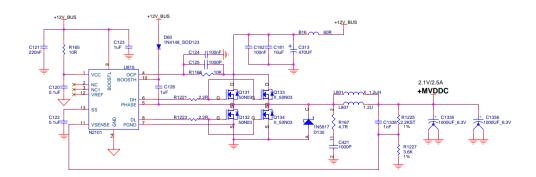


Regulator for MVDDC (Memory Core)
Vout = 2.5V ~ 3.3V



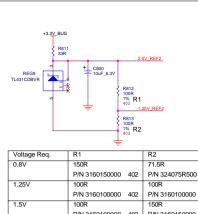




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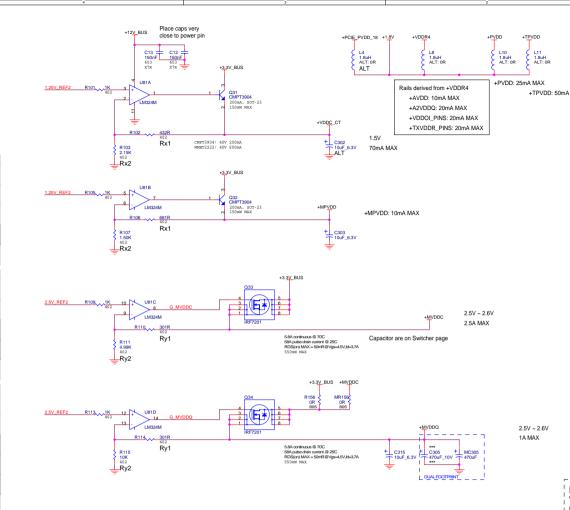
Title PCI-E RV380/370 256M pterm TSOP V-VV-DI

C 105-A334xx-10



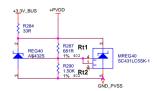
	P/N 3160100000 402	P/N 3160100000 402
1.5V	100R	150R
	P/N 3160100000 402	P/N 3160150000 402
1.8V	54.9R	140R
	P/N 3240054900	P/N 3240140000
1.84V	49.9R	140R
	P/N 3240049900	P/N 3240140000
Voltage Req.	Rx1 for 1.25V Ref	Rx2 for 1.25V Ref
1.5	432R	2.15K
	P/N 3240432000	P/N 3240215100
1.55	475R (402, 1%)	2K (402, 1%)
	P/N 3160475000	P/N 3160200100
1.6V	432R	1.5K
	P/N 3240432000	P/N 3240150100
1.7V	432R	1.21K
	P/N 3240432000	P/N 3240121100
1.8175V	681R P/N 2240691000 602	1.5K
	P/N 3240681000 603 P/N 3160681000 402	P/N 3240015200
Voltage Reg.	Ry1 for 2.5V Ref	Ry2 for 2.5V Ref
3.3V	1.07K	3.32K
	1.07K P/N 3240107100	3.32K P/N 3240332100
3.3V	P/N 3240107100	P/N 3240332100
3.3V	P/N 3240107100 715R (402, 1%)	P/N 3240332100 4.99K (402, 1%)
3.3V 2.85V	P/N 3240107100 715R (402, 1%) P/N 3160715000	P/N 3240332100 4.99K (402, 1%) P/N 3160499100
3.3V 2.85V	P/N 3240107100 715R (402, 1%) P/N 3160715000 301R (402, 1%)	P/N 3240332100 4.99K (402, 1%) P/N 3160499100 3.32K
3.3V 2.85V 2.7V	P/N 3240107100 715R (402, 1%) P/N 3160715000 301R (402, 1%) P/N 3160301000	P/N 3240332100 4.99K (402, 1%) P/N 3160499100 3.32K P/N 3240332100
3.3V 2.85V 2.7V	P/N 3240107100 715R (402, 1%) P/N 3160715000 301R (402, 1%) P/N 3160301000 301R (402, 1%)	P/N 3240332100 4.99K (402, 1%) P/N 3160499100 3.32K P/N 3240332100 4.99K (402, 1%)
3.3V 2.85V 2.7V 2.65V	P/N 3240107100 715R (402, 1%) P/N 3160715000 301R (402, 1%) P/N 3160301000 301R (402, 1%) P/N 3160301000	P/N 3240332100 4.99K (402, 1%) P/N 3160499100 3.32K P/N 3240332100 4.99K (402, 1%) P/N 3160499100





	Rt1		Rt2	
1.52V	432R	3240432000 3160432000	2.15K	3160215100
1.61V	432R	3240432000	1.5K 1.5K	3230015200 3160150100
1.69V	432R	3240432000	1.21K	3240121100
1.718V	562R	3240562000	1.5K 1.5K	3230015200 3160150100
1.75V	604R	3160604000	1.5K 1.5K	3230015200 3160150100
1.8V	604R	3160604000	1.37K	3160137100

Alt. regulator for +PVDD Vout = 1.8V Iout = 30mA MAX



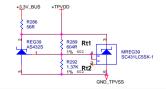


Alt regulator for +MPVDD

Vout = 1.8V

lout = 10mA MAX

Alt. regulator for +TPVDD Vout = 1.65V ~ 1.85V lout = 20mA MAX



+3.3V_	BUS +VDI	DC_CT	
1206 1/4W R	297 7R		
	EG31 S432S	R293 Rt1 432R 1% 402 4	MREG31
3		R294 2 15K Rt2 1% 402 40	SC431LC5SK-1

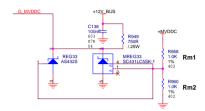
Alt regulator for +VDDC_CT

Vout = 1.5V

lout = 70mA MAX

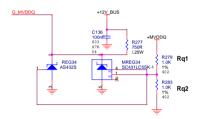
Alt. regulator for +MVDDC Vout = 2.5V ~ 2.6V lout = 500mA MAX

	Voltage Req.	Rm1		Rm2	
	3.34V	4.32k	(2.55	K
	[-0.04V/+0.04V]			l	
AMA	X 3.45V	4.32k	(2.43	K
	[-0.04V/+0.04V]				
	2.5V	1K	3240100100	1K	3240100100
	[-0.03V/+0.03V]				



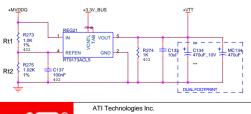
Alt regulator for +MVDDQ Vout = 2.5V ~ 2.6V lout = 200mA MAX

Voltage Req.	Rq1		Rq2	
1.8V	681R	3240681000	1.5K	3230015200
[-0.09V/+0.18V]				
2.5V	1K	3240100100	1K	3240100100
2.6V	4.75K	3240475100	4.32K	3240432100



Regulator for +VTT (Termination) Vout = 1.25V ~ 1.3V with +2.5V +MVDDQ lout = 1000mA MAX

+MVDDQ = +2.5V	Rt1			Rt2	
1.25V	1K	3240100100		1K	3240100100
1.3V	1.0K	3240100100	603	1.02K	3240102100
1		2160100100	402		

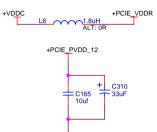


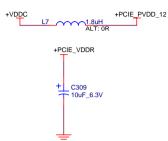


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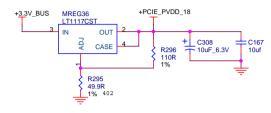




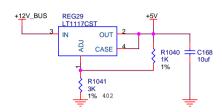


+PCIE VDDR

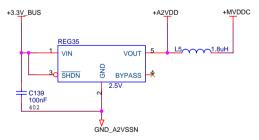
+PCIE PVDD 18 Vout = 1.85VIout = 500mA MAX



+5V Vout = 5Vlout = 20mA MAX



+A2VDD **Vout = 2.5V** lout = 120mA MAX



+A2VDD and GND_A2VSSN routed with at least 15 mil trace and not longer than 1.5 inch.

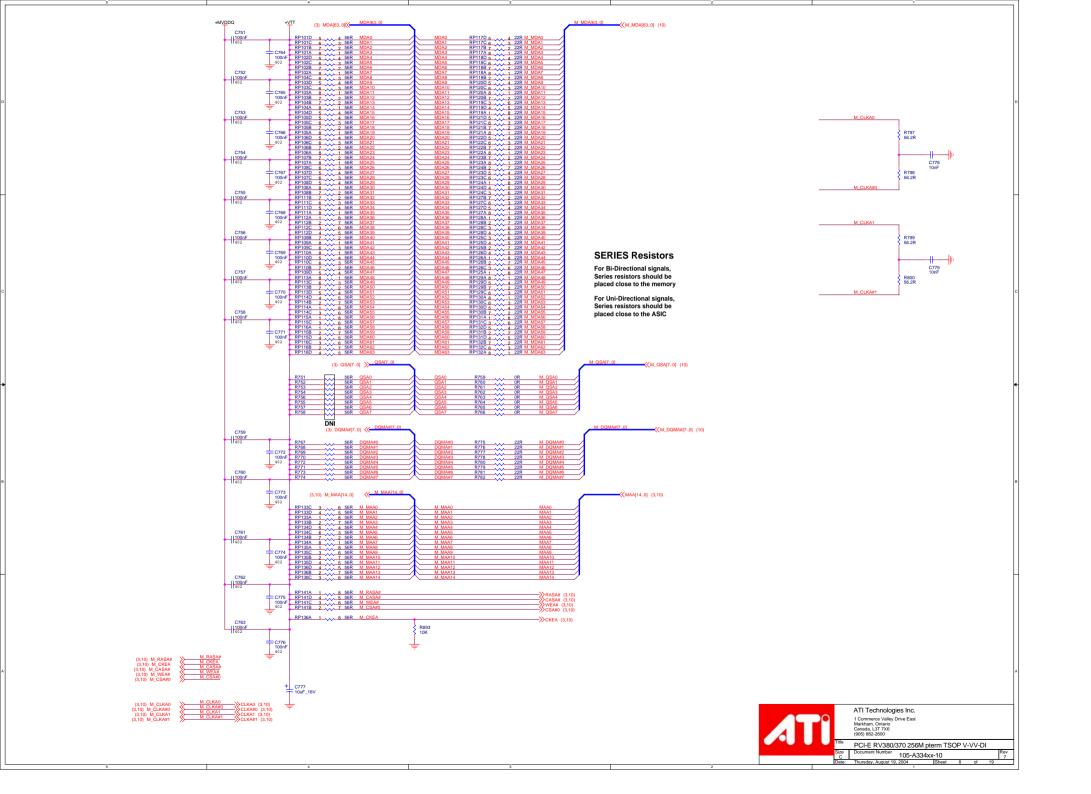


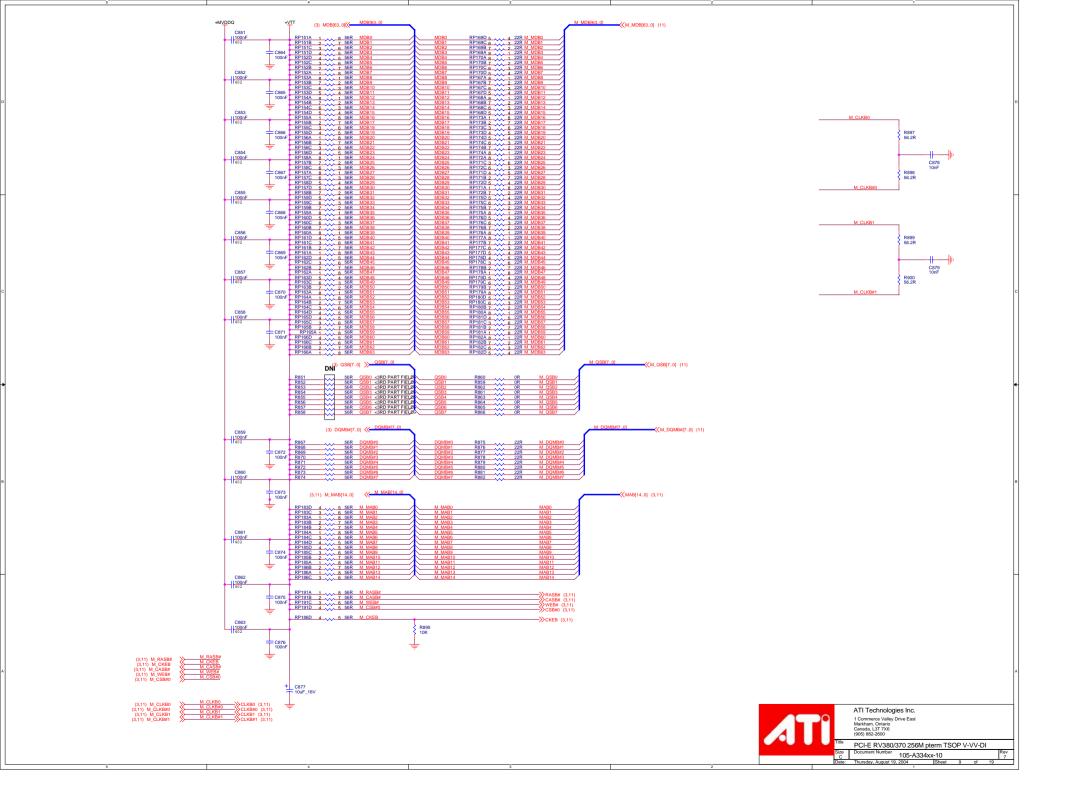
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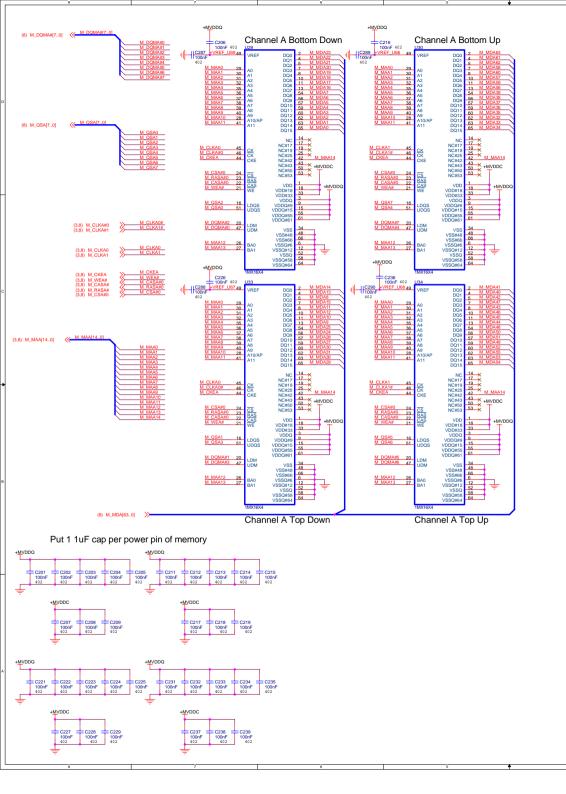
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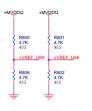
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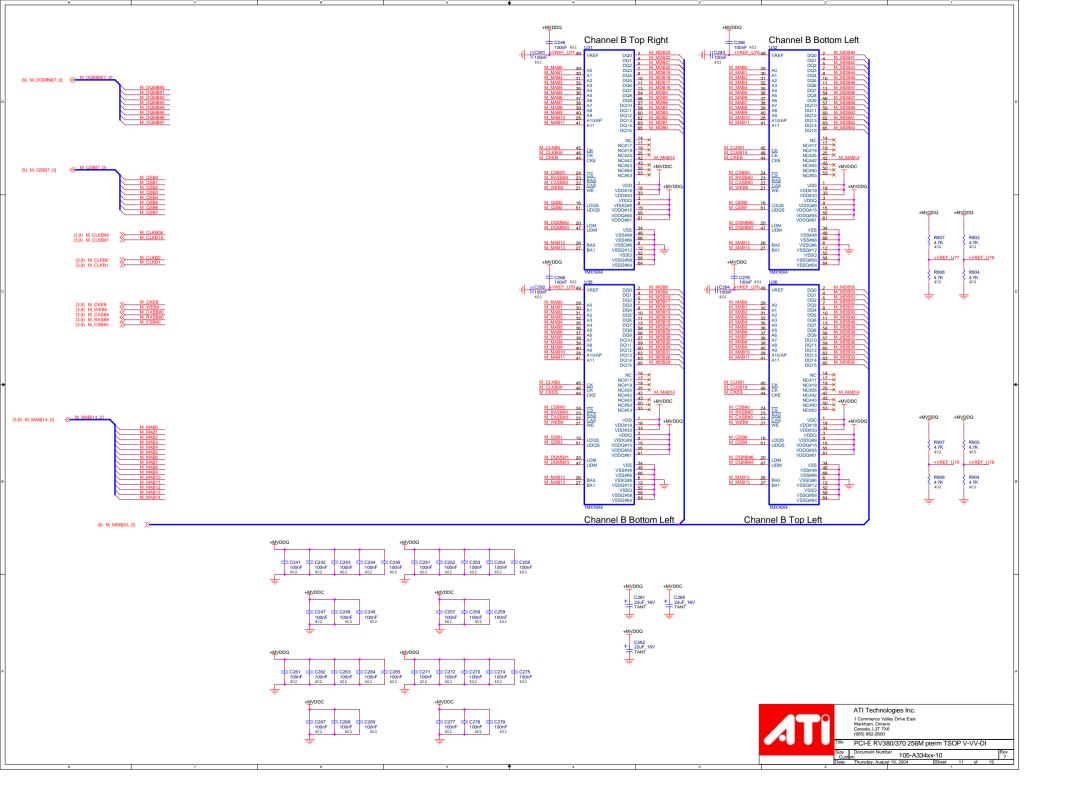


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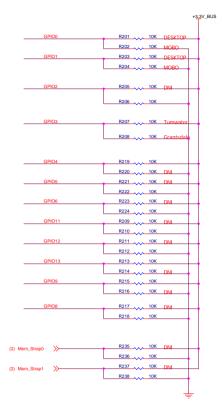
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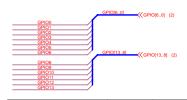
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OPTION STRAPS



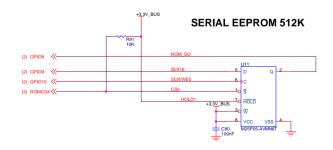




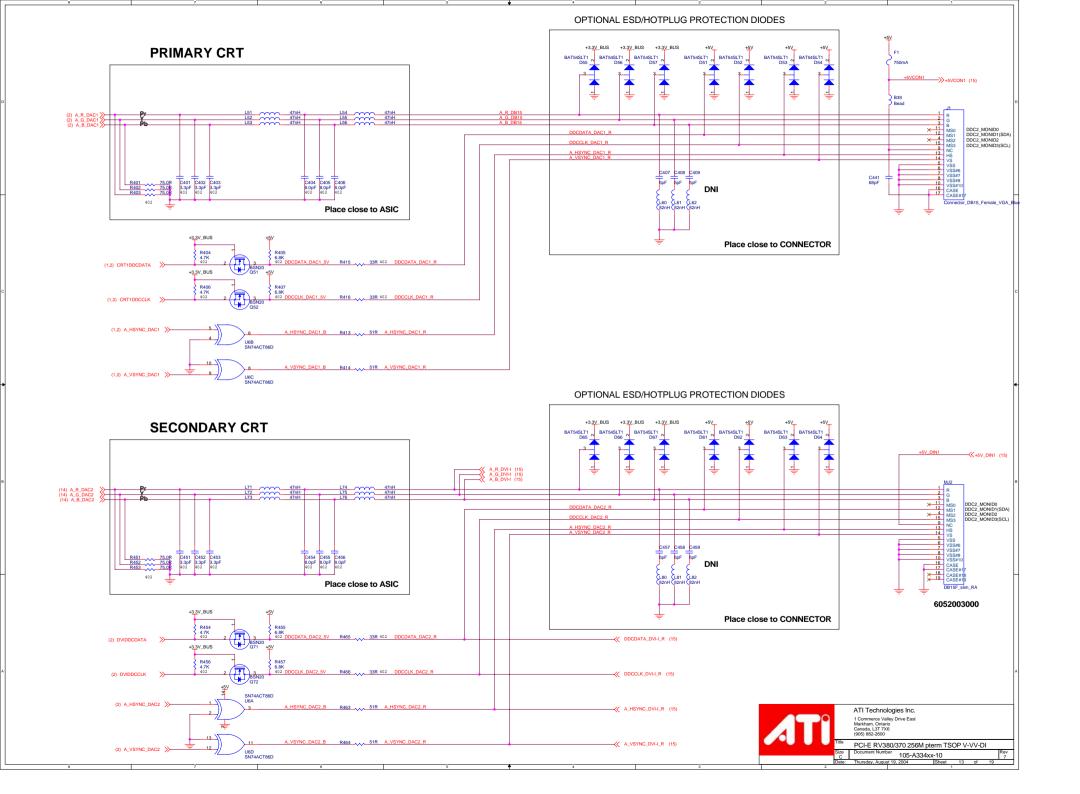
STRAPS	PIN	DESCRIPTION	ASIC DEFAULT
STRAP_B_PTX_PWRS_ENB	GPI00	Tansmitter Power Savings Enable 0: 50% Tx output swing for mobile mode 1: full Tx output swing 1	0
STRAP_B_PTX_DEEMPH_EN	GPIO1	Transmitter De-emphasis Enable 0: Tx de-emphasis disabled for mobile mode 1: Tx de-emphasis enabled	0
PCIE_MODE(1:0)	GPIO(3:2)	00: PCI Express 1.0A mode (Grantsdale) 01: Kymen-competible mode 10: Kymen-competible mode 10: PCI Express 1.0 mode (Tumwater) 11: CEI Express 20: Mode (Bort-circuit internal loopback mode (Rx comeacted directly to 1 x of PHY)	00
STRAP_B_PTX_JEXT	GPIO4	Transmitter Extra Current O: 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	GPI06	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
ROMDCFG(3:0)	GPIO(9,13:11)	If no ROM attached, comtrols chip IDis. If rom attached identifies ROM type 0,000 - No ROM, CHG, Du-0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
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	

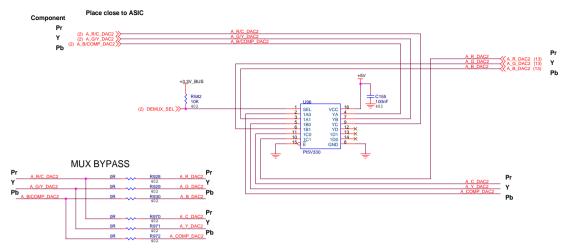
STRAP P	INTERRUPT
LOW	ENABLED (DEFAULT)
HIGH	DISABLED

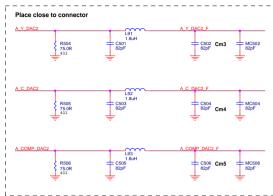
MEMORY TYPE STRAPS					
	Mem_Strap0 Mem_Strap1				
SAM	0	0			
INF	1	0			
HYN	0	1			
ELPIDA	1	1			

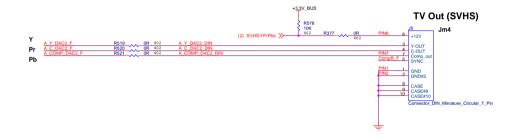




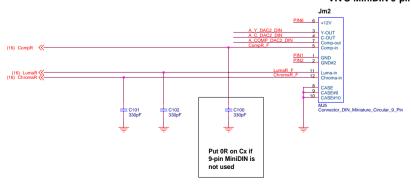




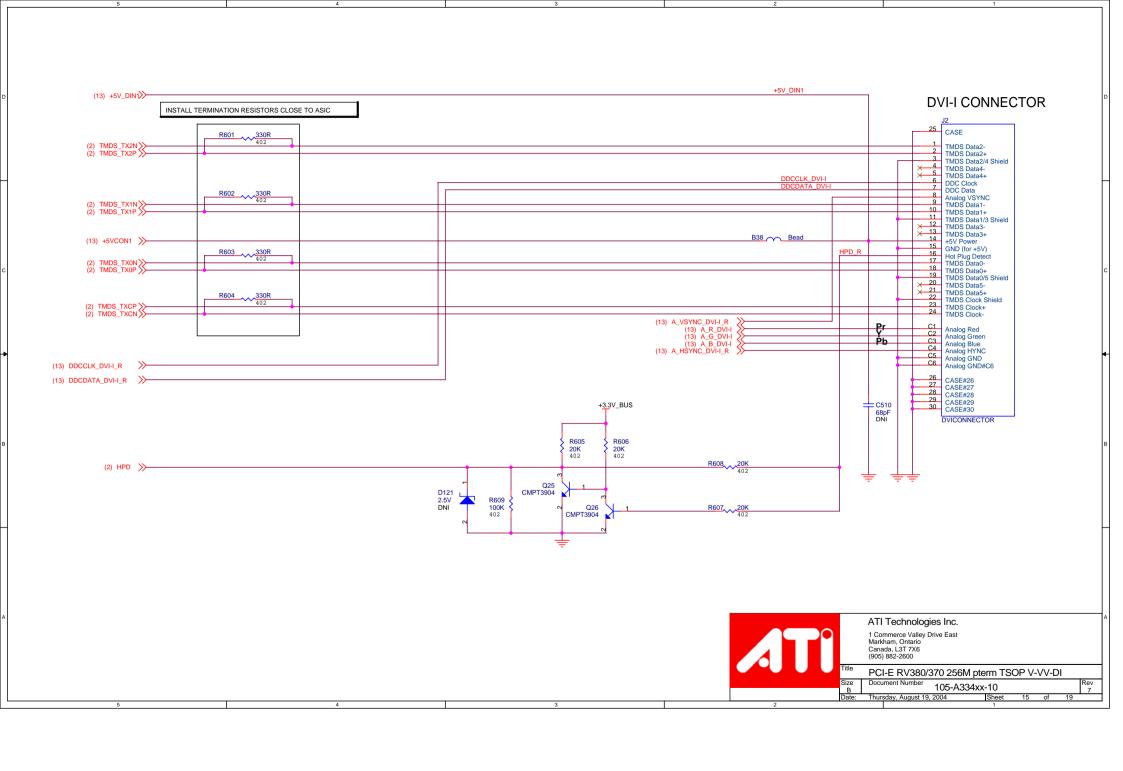


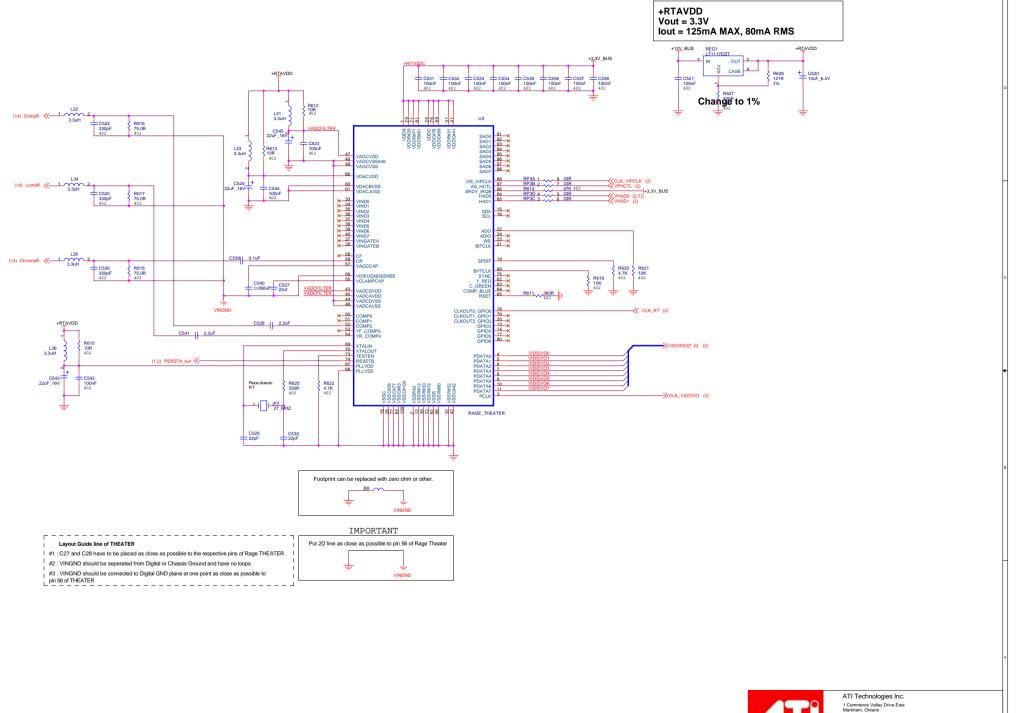


VIVO MiniDIN 9-pin

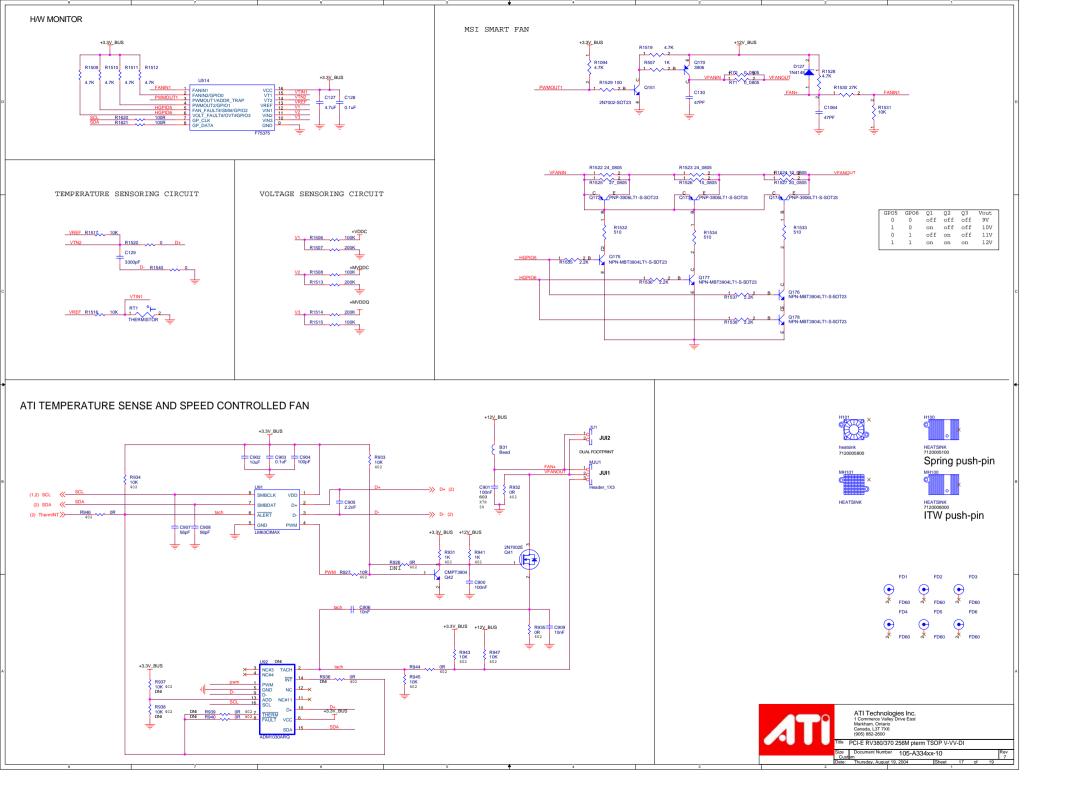


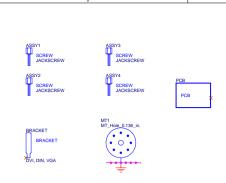










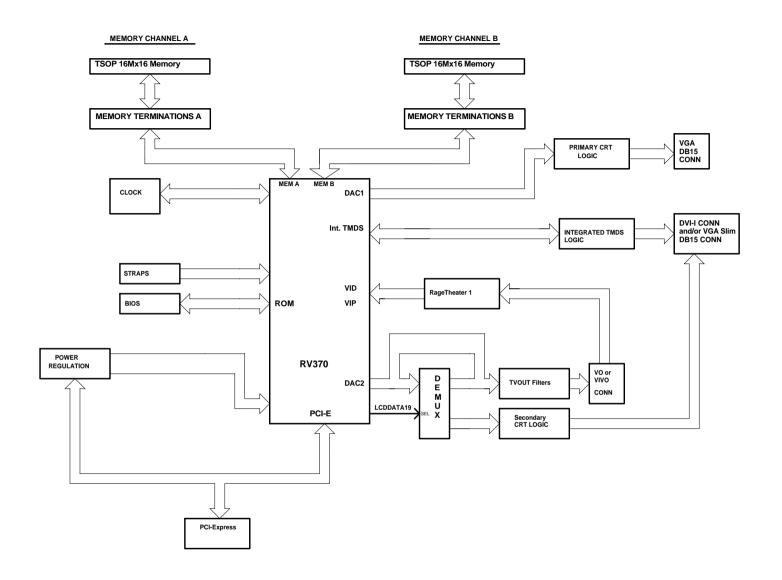




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