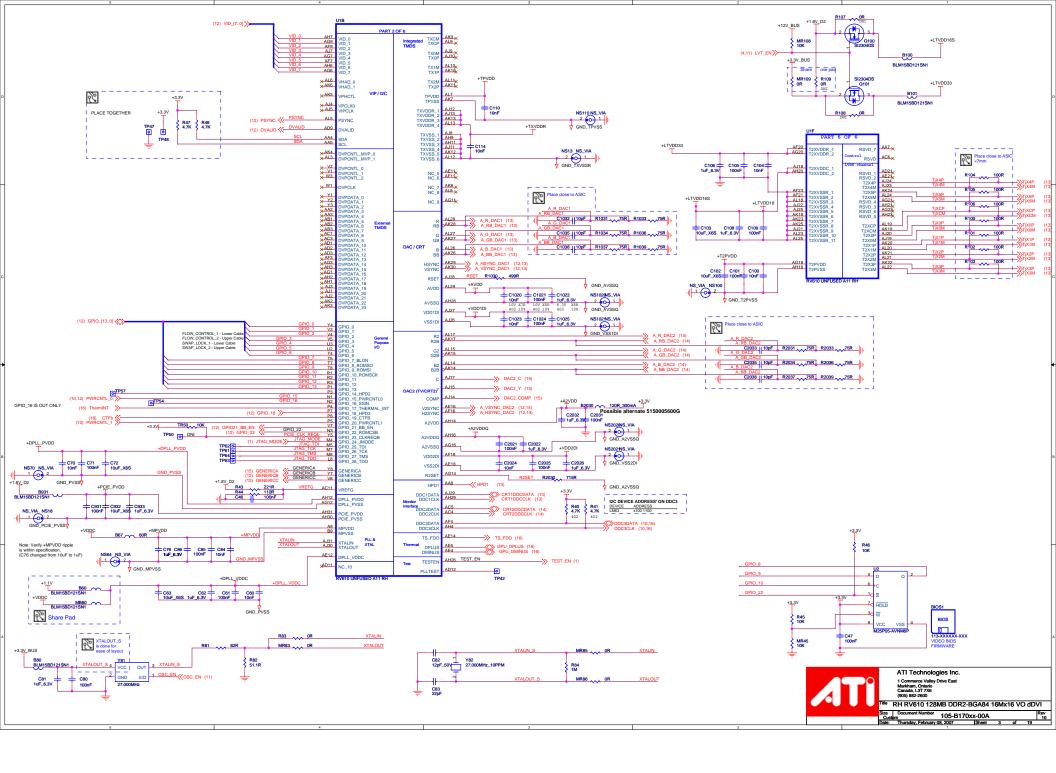
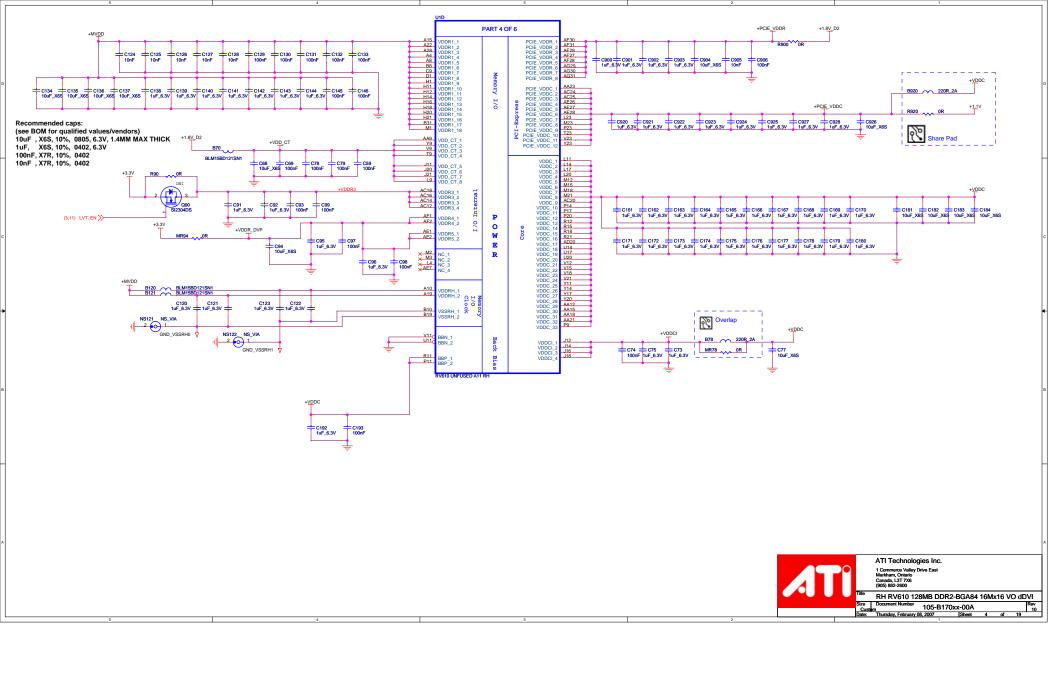


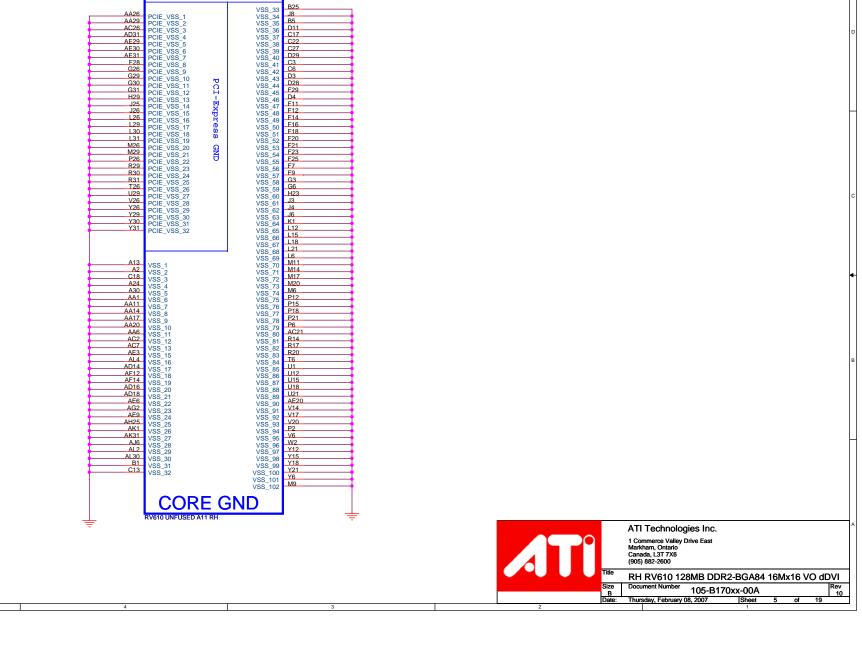
ATI Technologies Inc.

1 Commerce Valey Drive East
Careata, LST 706
(905) 682-2600

Trile
RH RV610 128MB DDR2-BGA84 16Mx16 VO dDVI
Size
Document Number 105-B170xx-00A Rev
10 Date: Thander, February 08, 2007 Sheet 2 of 19





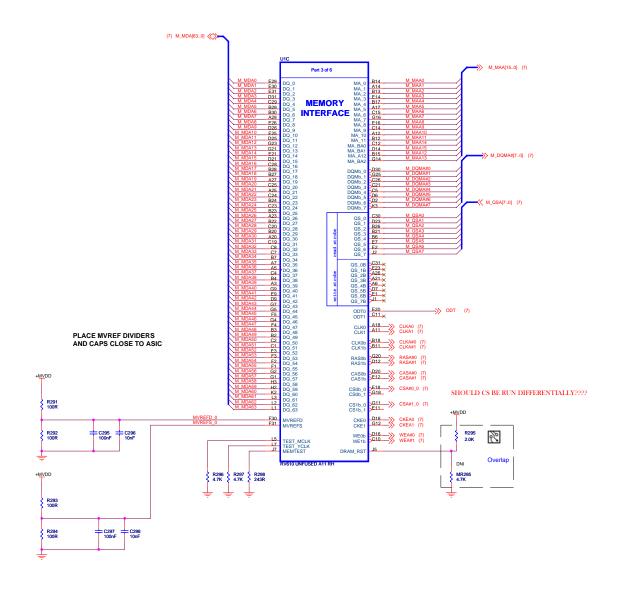


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AA29 AC26 AD31 Part 5 of 6

B25

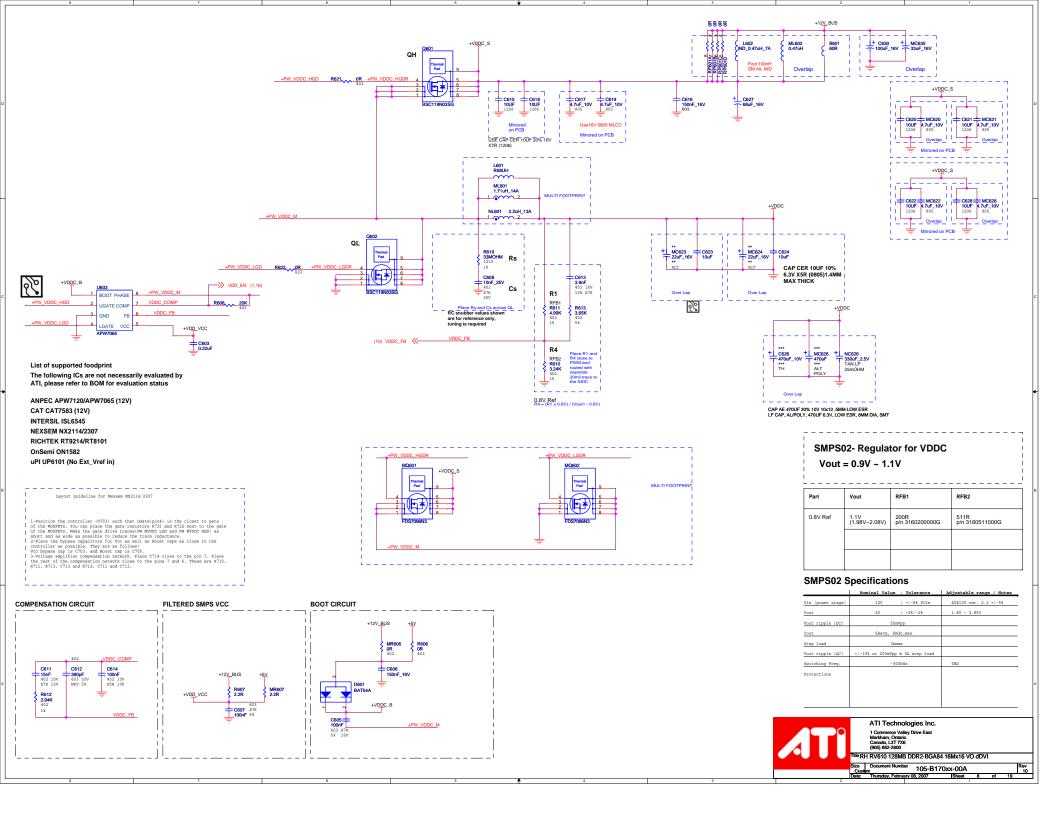
J8 B5 D11 C17

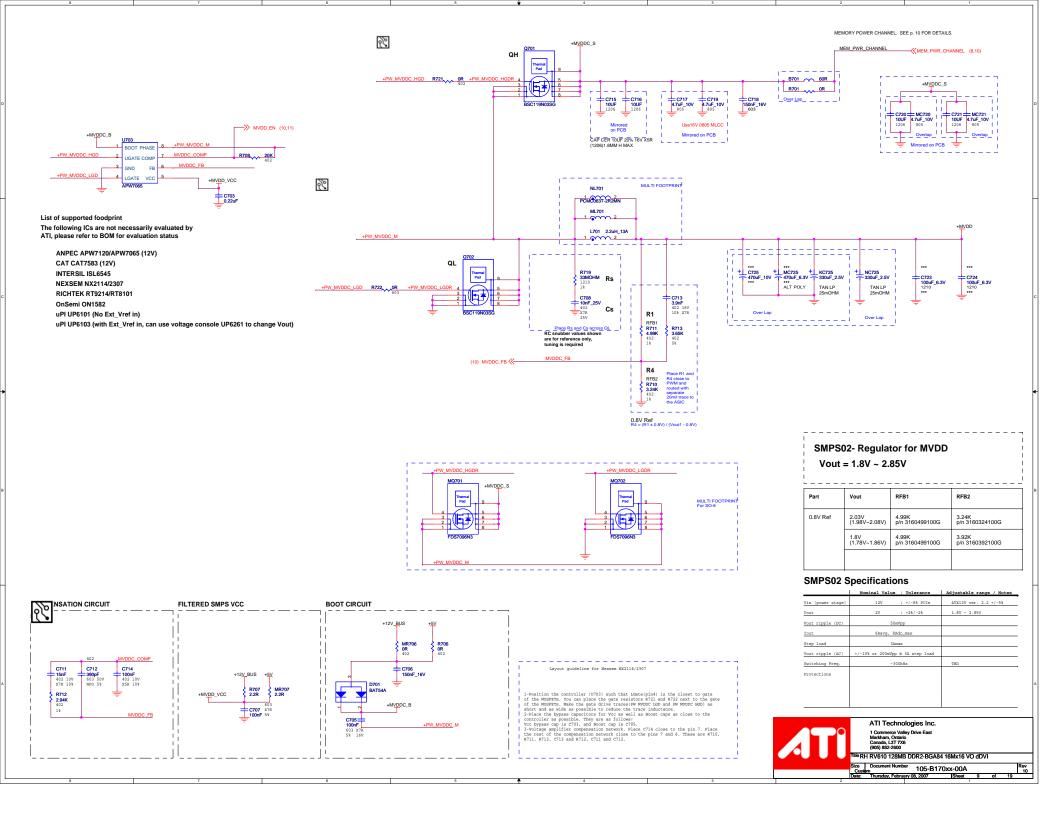


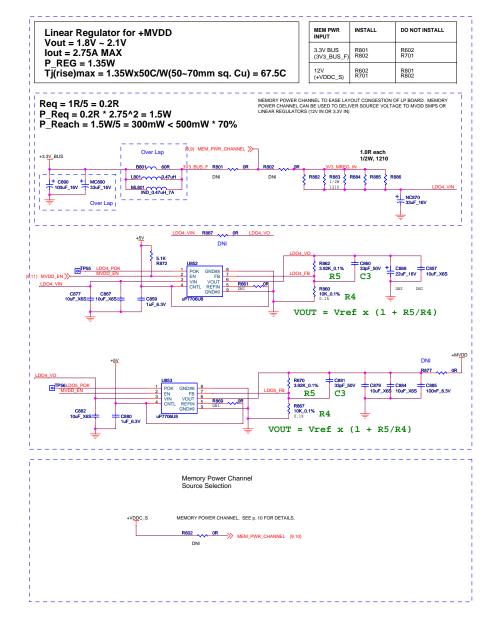
DIVIDER RESISTORS	DDR2	GDDR3
MVREF TO 1.8V	100R	40.2R
MVREF TO GND	100R	100R

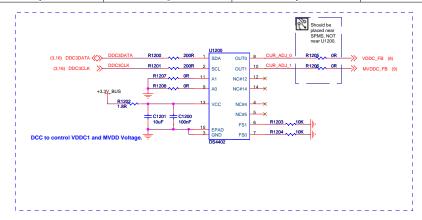


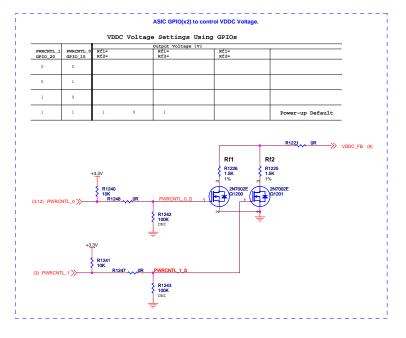
CHANNEL A: RANK 0 128MB DDR2 VDDQ1 VDDQ2 VDDQ3 VDDQ4 VDDQ5 VDDQ6 VDDQ7 VDDQ8 VDDQ9 VDDQ10 VDDQ1 VDDQ2 VDDQ3 VDDQ4 VDDQ5 VDDQ7 VDDQ8 VDDQ9 VDDQ10 VDDQ1 VDDQ2 VDDQ3 VDDQ4 VDDQ5 VDDQ6 VDDQ7 VDDQ8 VDDQ9 VDDQ10 VDDL VSSDL +MVDD +MVDD +MVDD +MVDD R203 4.99K R205 4.99K VSS1 VSS2 VSS3 VSS4 VSS5 VSS1 VSS2 VSS3 VSS4 VSS5 R202 4.99K C413 100nF R204 4.99K R206 4.99K R208 4.99K (5) CLKA0 << R219 4.99K (5) CLKA1 <<-ATI Technologies Inc. R210 4.99K R220 4.99K R224 56R 402 RH RV610 128MB DDR2-BGA84 16Mx16 VO dDVI (5) CLKA#1 <<-Size Document Number 105-B170xx-00A



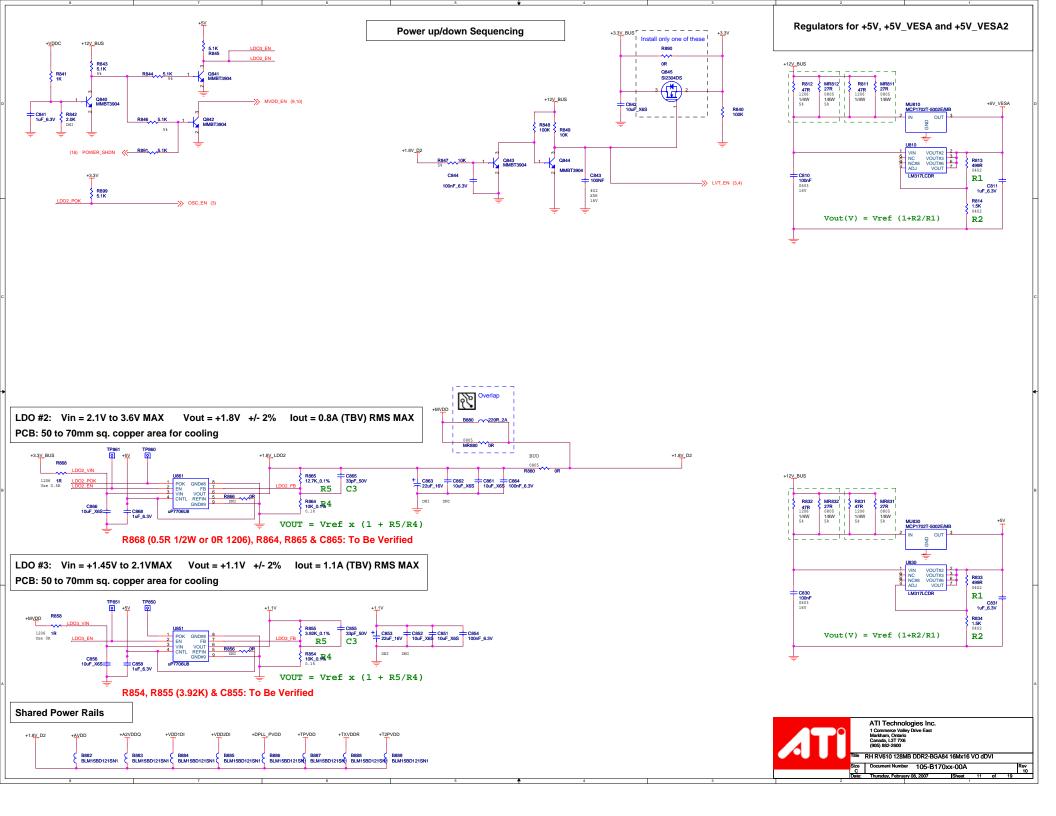


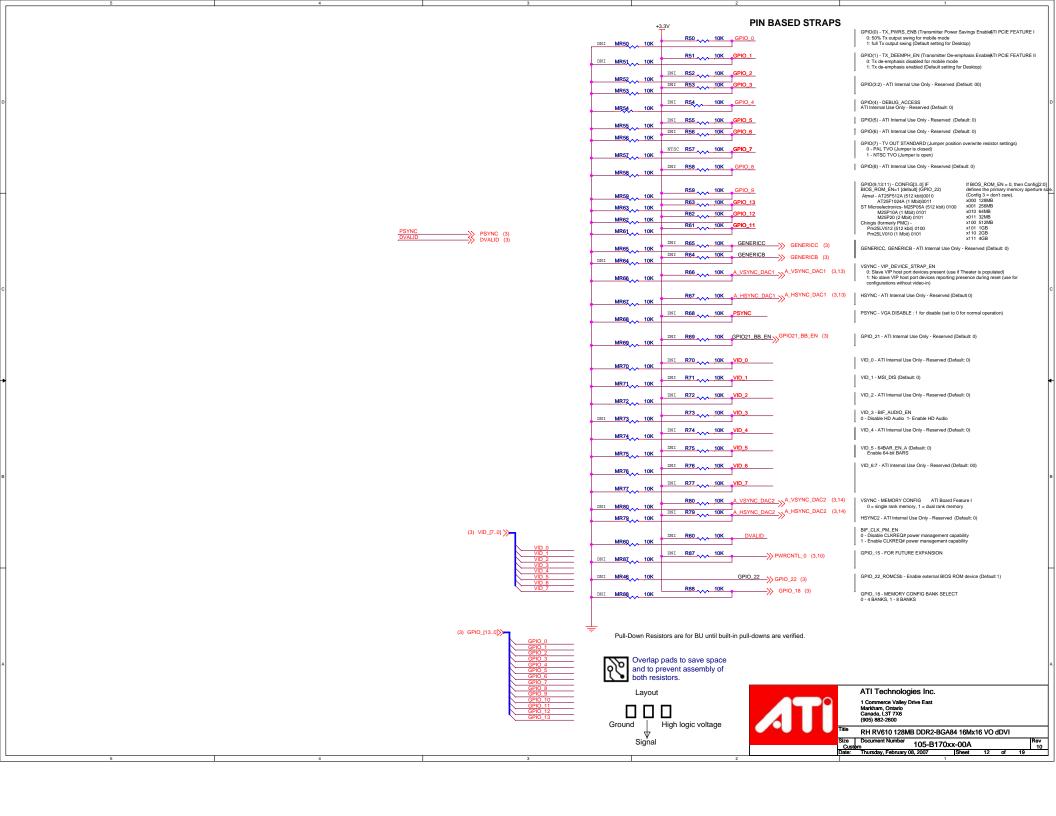


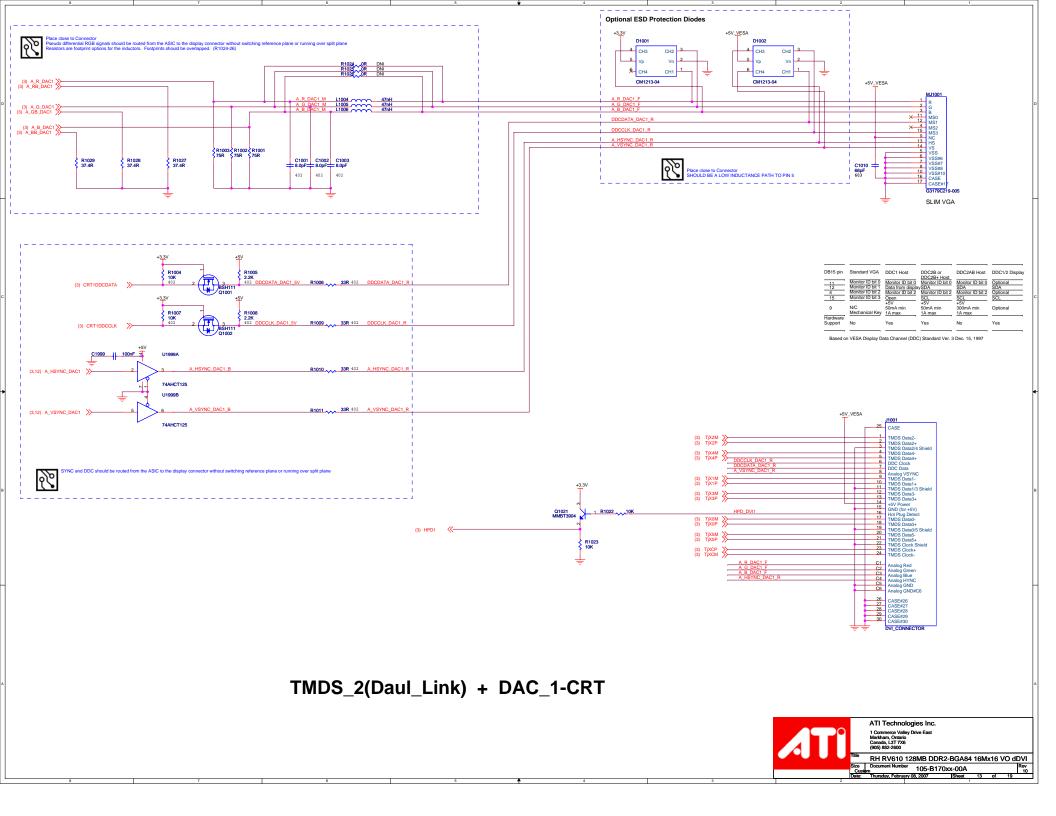


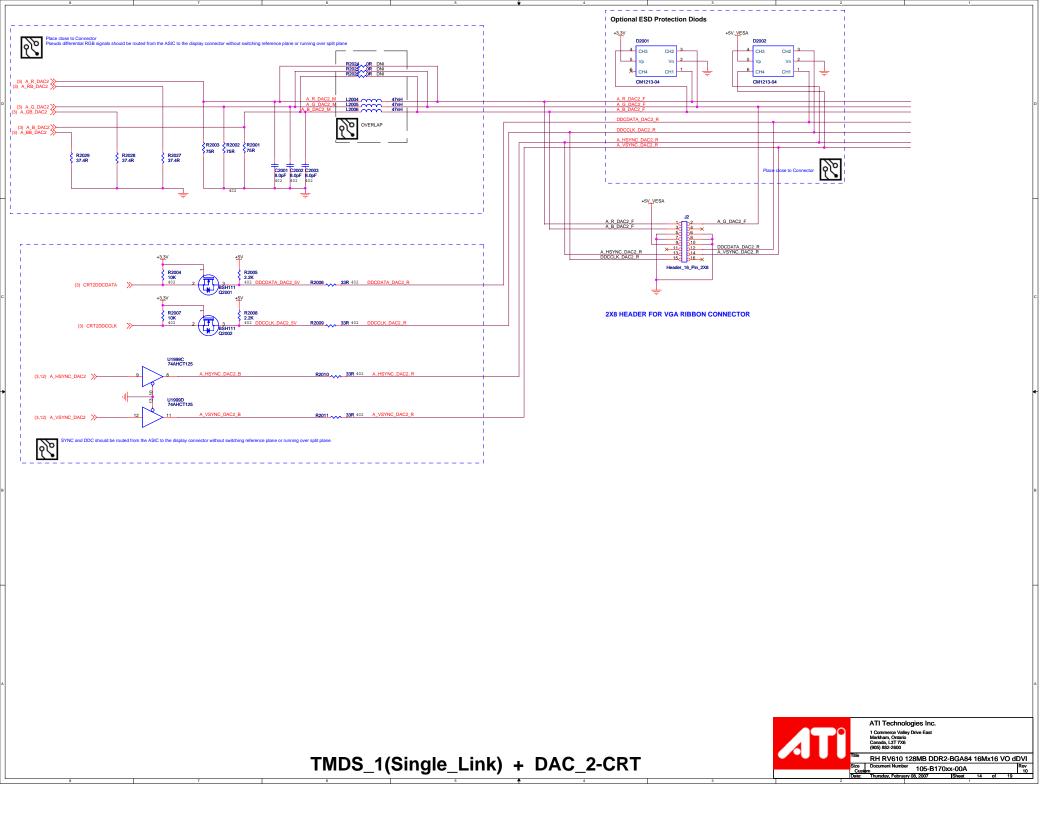


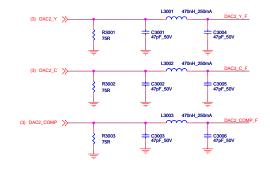


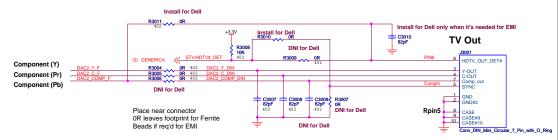








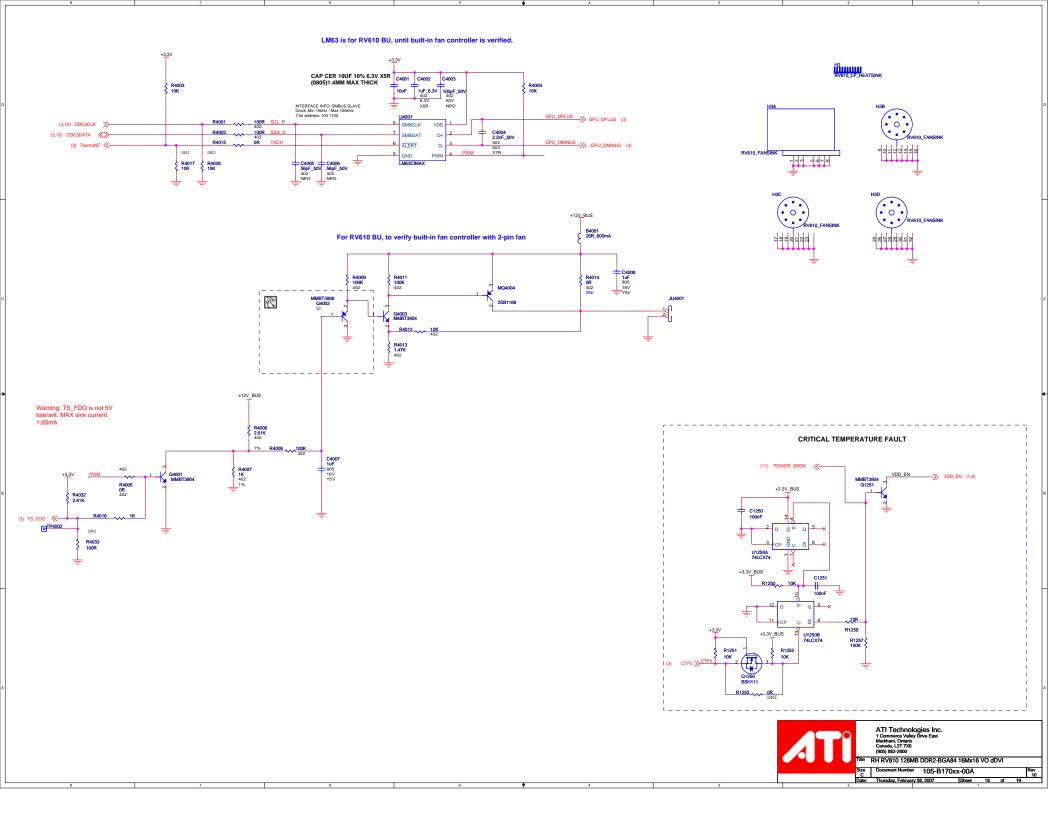




The 7-pin MiniDIN footprint allows one of the two MiniDINs:

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







	. Ivaille>	5	4		3	Schematic No.	Date:		
			RH RV610 128MB DDR2-BGA84 16Mx16 VO dDVI		105-B170xx-00A				
		Thui suay, i ebi ua			Thursday, February				
			REVISION HISTORY NOTE: This schematic represents the PCB, it does not represent any specific SKU. For Stuffing options (component values, DNI's,) please consult the product specific BOM. Please contact ATI representative to obtain latest BOM closest to the application desired. Rev 10						
Sch Rev		Date	REVISION DESCRIPTION						
01	00A	2007.01.08	INITIAL SCHEMATIC. B169 r37 USED AS BASE SCHEM.						
02	00A	2007.01.09	SCHEM UPDATES.						
03	00A	2007.01.10	0 RM LED, UPDATE HEATSINK P/N, RM SW1 & J57						
04	00A	2007.01.15	5 RM NC627, MOVE MVDD CONN, RM BBIAS						
05	00A	2007.01.24	RM JTAG, ADD TP FOR CONNECTIONS. RM SOME RGB FILTER COMPs						
06	00A	2007.01.30	ADD MEMORY POWER CHANNEL					1	
07	00A	2007.01.31	REMOVE LDO1, ADD BRACKET P/N						
08	A00	2007.02.01	RM TR52-TR55, ADD HEATSINK						
09	A00	2007.02.01	ADD Q90 FOR VDDDR3 LEAKAGE						
01	00A	2007.02.01	HEATSINK GROUNDING						
01	. 00A	2007.02.06	ADDED R891. CHANGED VDDC/MVDD NOTES.						
01	00A	2007.02.07	MOVED R602 TO PG10. REMOVED MC627.					I	
01	00A	2007.02.08	8 CHANGED REF DES C625 / MC625 / NC625 TO C626 / MC626 / NC626						
		5	4		3	2	1		

