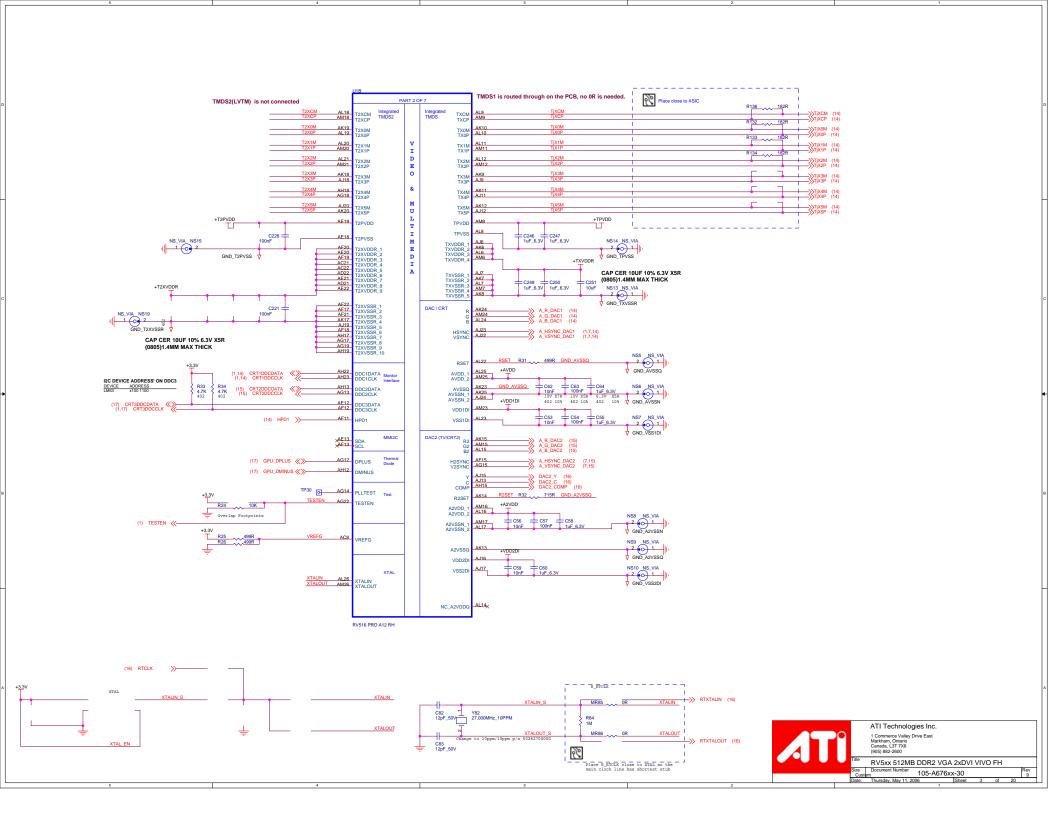
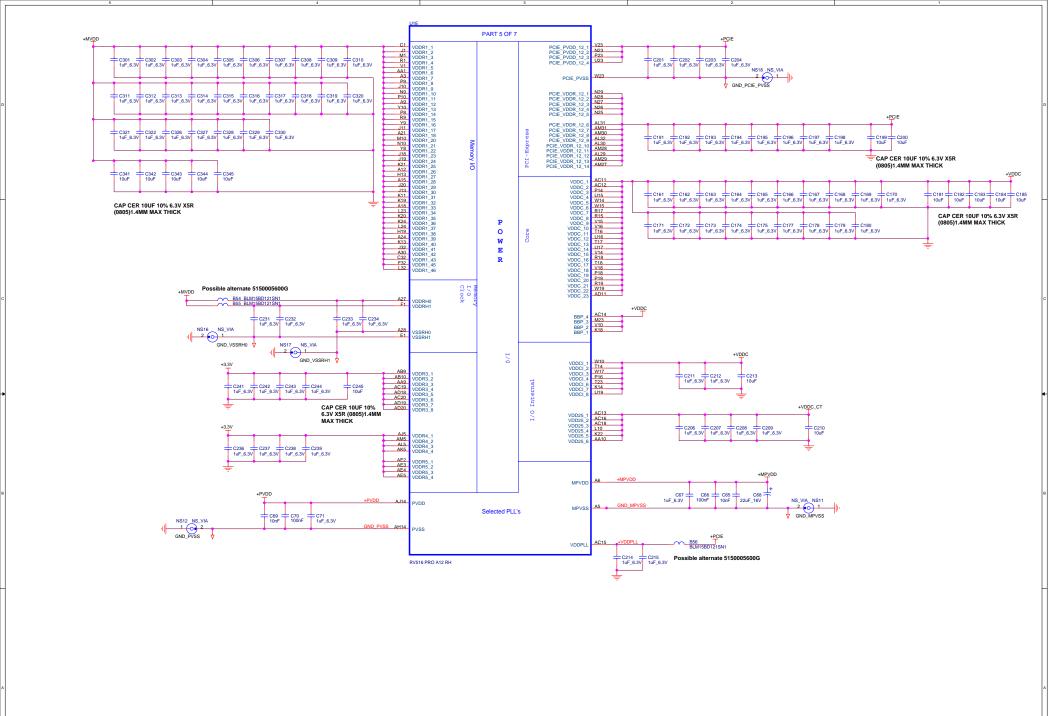


ATI Technologies Inc.

1 Commerce Valley Orive East
Markham, Ontario
Canada, 1.31 7/x6
(905) 8822-800

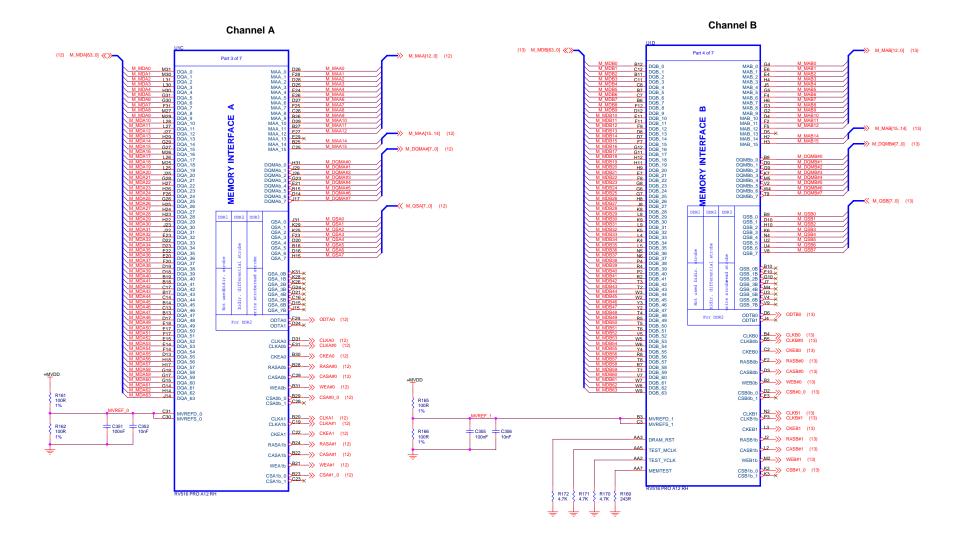
Title
RV5xx 512MB DDR2 VGA 2xDVI VIVO FH
Size
C
Document Number
105-A676xx-21
Date: Thursday, May 11, 2006
Sheet 2 of 20



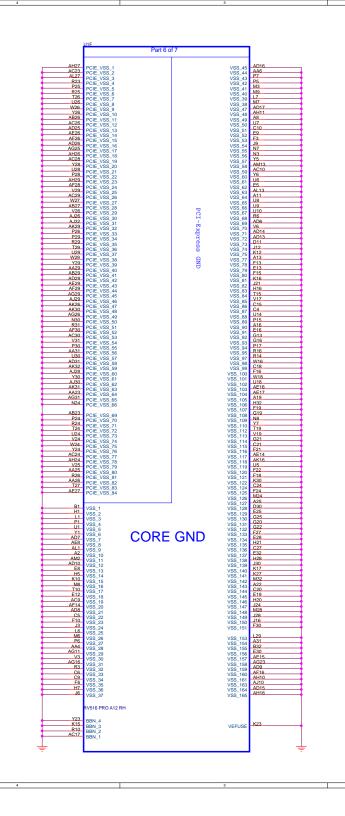




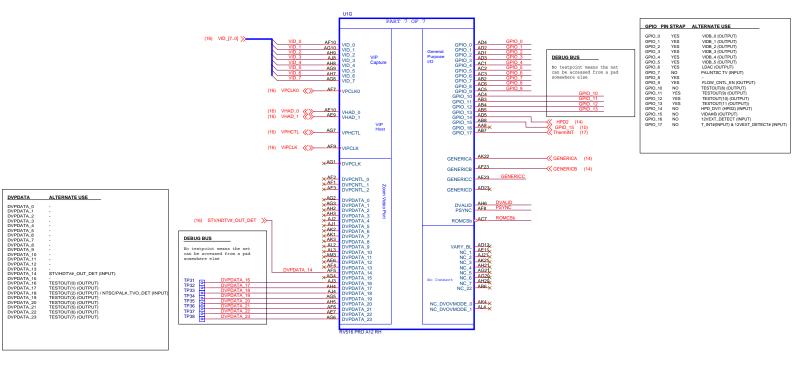
RV530 MEMORY CHANNELS A and B



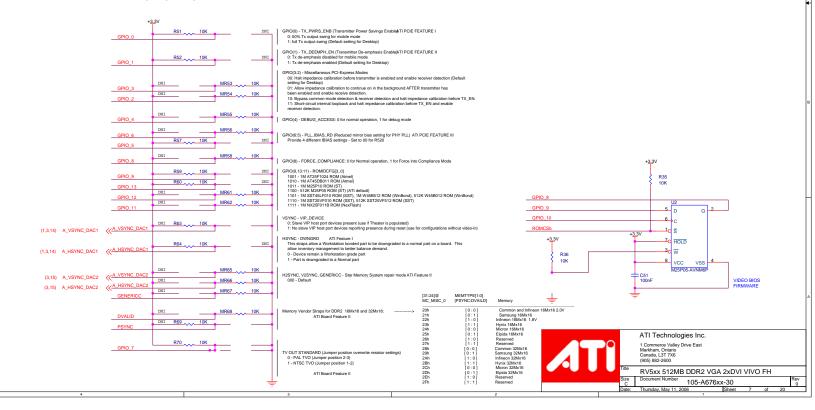


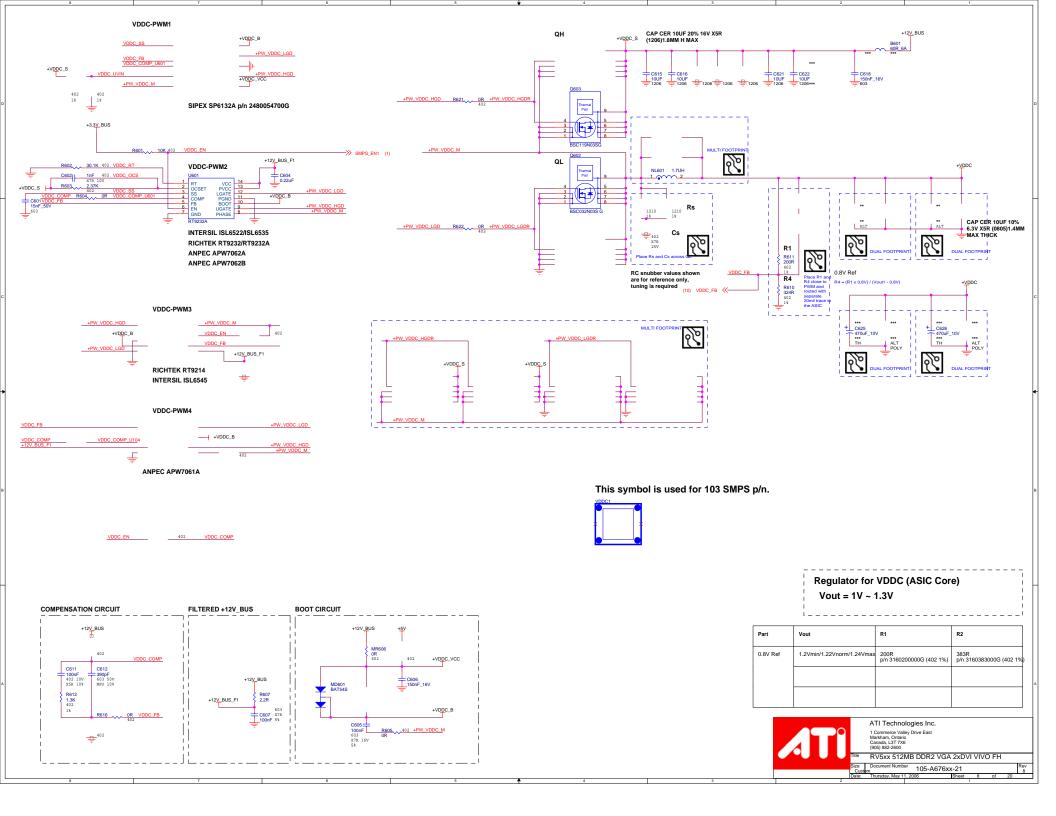


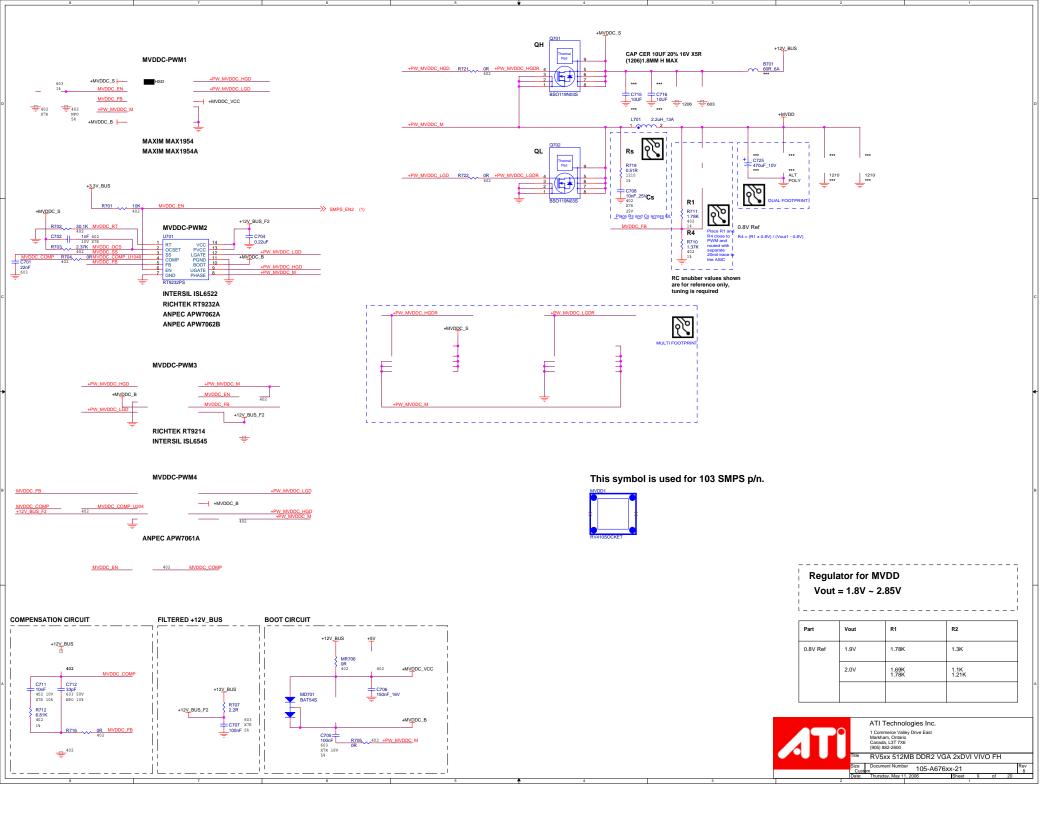


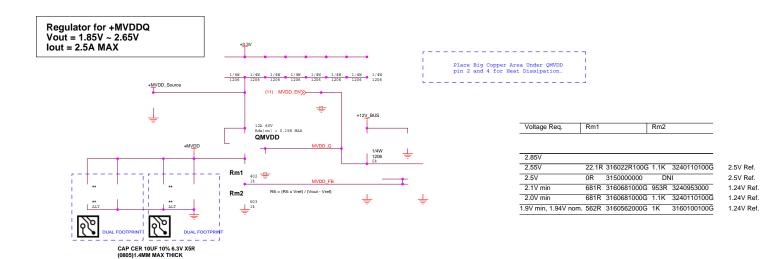


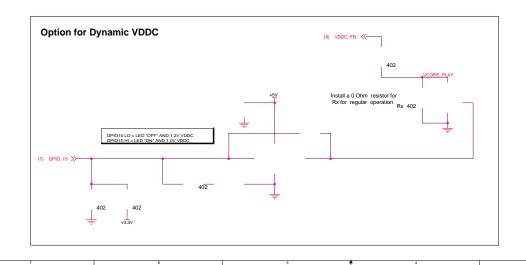
PIN BASED STRAPS









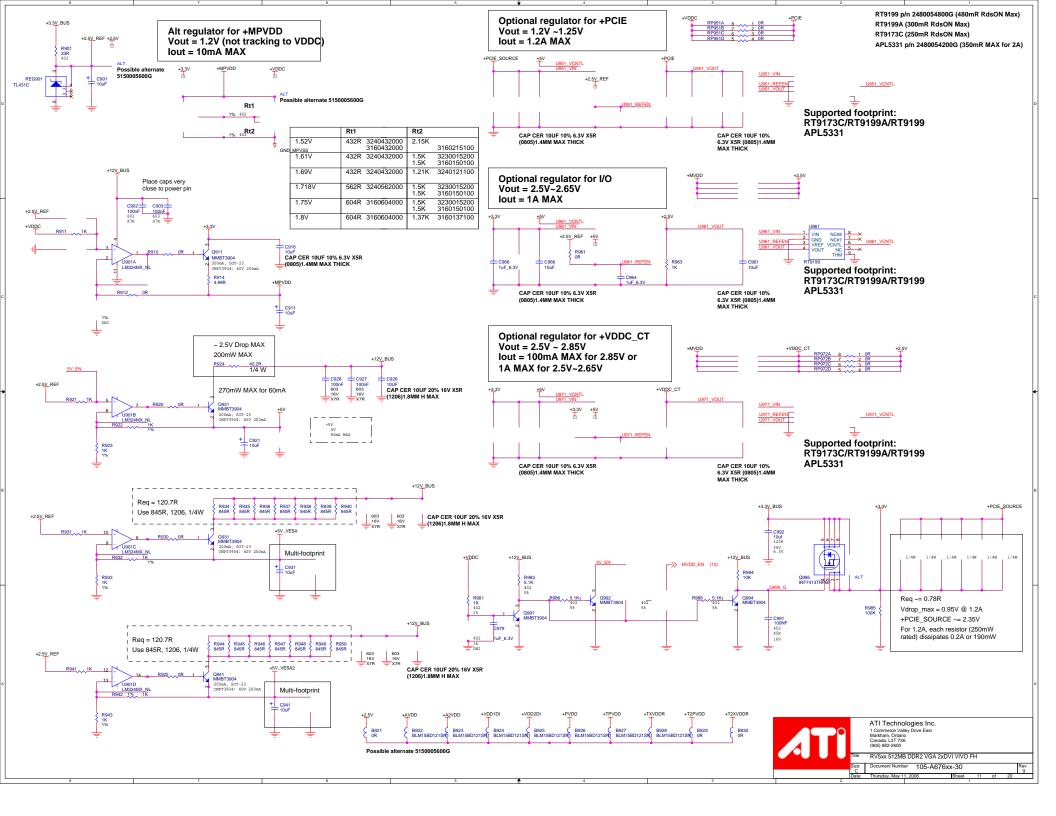




ATI Technologies Inc. 1 Commerce Valley Drive East Markham, Ontario Canada, L3T 7X6 (905) 882-2600

Title RV5xx 512MB DDR2 VGA 2xDVI VIVO FH
Size Document Number 105-A676xx-21

Dustrim 105-A676xx-21
te: Thursday, May 11, 2006 | Sheet 10 of 20



CHANNEL A: RANK 0 128MB DDR2 (5) M_MAA[15..14] >> VDDQ1 VDDQ2 VDDQ3 VDDQ4 VDDQ5 VDDQ6 VDDQ7 VDDQ8 VDDQ9 VDDQ10 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 +MVDD (5) WEA#0 >> K3 WE WE (5) RASA#0 >> K7 RAS VDD1 VDD2 VDD3 VDD4 VDD5 (5) RASA#1 >> K7 RAS B203 BLM15BD121SN1 Possible alternate 5150005600G B204 BLM15BD121SN1 Possible alternate 51500056000 VDDL VSSDL VDDL VDDL VSSDL (5) ODTA0 >> +MVDD +MVDD +MVDD +MVDD R203 4.99K R205 4.99K VSS1 VSS2 VSS3 VSS4 VSS5 VSS1 VSS2 VSS3 VSS4 VSS5 R202 4.99K R204 4.99K R206 4.99K R208 4.99K C413 100nF C438 100nF C482 C483 C484 = V 1uF_6.3V 1uF_6.3V 1uF_6.3V 402 402 C406 C407 C408 C409 C410 1uF_6.3V 1uF_6.3V 1uF_6.3V 1uF_6.3V 1uF_6.3V (5) CLKA0 << R222 56R 402 (5) CLKA1 <<-ATI Technologies Inc. 1 Commerce Valley Drive East Markham, Ontario Canada, L3T 7X6 (905) 882-2600 R210 4.99K R220 4.99K R224 56R 402 C500 10nF 402 RV5xx 512MB DDR2 VGA 2xDVI VIVO FH (5) CLKA#1 <<-105-A676xx-21

CHANNEL B: RANK 0 128MB DDR2 (5) M_DQMB#[7..0] >>-(5) M_QSB[7..0] << >> (5) M MDB[63..0] ≪∑ (5) M MAB[12..0] X (5) CLKB#0 K8 (5) CLKB0 J8 (5) CLKB#0 K8 (5) CLKB0 VDDQ1 VDDQ2 VDDQ3 VDDQ4 VDDQ5 VDDQ6 VDDQ7 VDDQ8 VDDQ9 VDDQ10 VDDQ1 VDDQ2 VDDQ3 VDDQ4 VDDQ5 VDDQ6 VDDQ7 VDDQ8 VDDQ9 VDDQ10 VDDQ1 VDDQ2 VDDQ3 VDDQ4 VDDQ5 VDDQ6 VDDQ7 VDDQ8 VDDQ1 VDDQ1 (5) CSB#0_0 >> L8 (5) CSB#0_0 >> L8 CS VDD1 VDD2 VDD3 VDD4 VDD5 VDD1 VDD2 VDD3 VDD4 VDD5 VDD1 VDD2 VDD3 VDD4 VDD5 RAS (5) CASB#0 >> L7 CAS CAS (5) CASB#1 >>-B301 (5) CASB#0 \(\) BLM15BD121SN1 \(\text{M_DQMB#0} \) F3 Possible alternate 5150005600G \(\text{M_DQMB#1} \) B3 B302 BLM15BD121SN1 Possible alternate 5150005600G B303 BLM15BD121SN1 Possible alternate 5150005600G Possible alternate 5150005600 C511 100nF C536 C537 100nF 1uF_6.3V C561 100nF C585 100nF VSSQ1 VSSQ2 VSSQ3 VSSQ4 VSSQ5 VSSQ6 VSSQ7 VSSQ8 VSSQ9 VSSQ10 VSSQ1 VSSQ2 VSSQ3 VSSQ4 VSSQ5 VSSQ6 VSSQ7 VSSQ8 VSSQ9 VSSQ10 VSSQ1 VSSQ2 VSSQ3 VSSQ4 VSSQ5 VSSQ6 VSSQ7 VREF_B1 R314 R303 4.99K × A2 × E2 × L1 × R3 × R7 × R8 VSS1 VSS2 VSS3 VSS4 VSS5 R306 R304 4.99K R308 4.99K C538 100nF 4.99K C526 C527 C528 1uF_6.3V 1uF_6.3V 1uF_6.3V 402 402 402 C556 C557 C558 C559 C560 1uF_6.3V 1uF_6.3V 1uF_6.3V 1uF_6.3V 1uF_6.3V 402 402 402 C580 C581 C582 C583 1uF_6.3V 1uF_6.3V 1uF_6.3V 1uF_6.3V 402 402 402 (5) CLKB0 <<-R322 56R 402 (5) CLKB1 << R323 56R 402 ATI Technologies Inc. 1 Commerce Valley Drive East Markham, Ontario Canada, L3T 7X6 (905) 882-2600 R310 4.99K R320 4.99K R324 56R 402 C600 10nF 402 (5) CLKB#1 (/-RV5xx 512MB DDR2 VGA 2xDVI VIVO FH 105-A676xx-21

