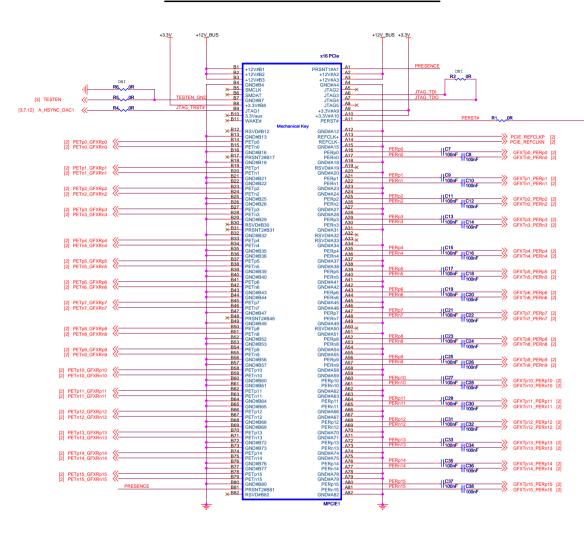


PCI-EXPRESS EDGE CONNECTOR



Power Sequence Circuit to ensure SMPS_EN is released after +12V_BUS and +3.3V_BUS are both in regulation.
Pull-up may or may not be required on SMPS_EN signal depending on SMPS design.

Node 1 When +12V ramps above min Vbe, SMPS_EN will be helt low

Node 2 When +3.3V gets close to regulation, one of the two conditions of releasing SMPS_EN is active

Target ~ 900mV when +3.3 at min regulation (worse case) Typical trigger when +3.3V ramps above 2.2V (650mV)

Node 3 When +12V gets close to regulation, one of the two conditions of releasing SMPS_EN is active

Target ~ 1.25V when +12 at min regulation (worse case) Typical trigger when +12V ramps above 10V (1.1V)



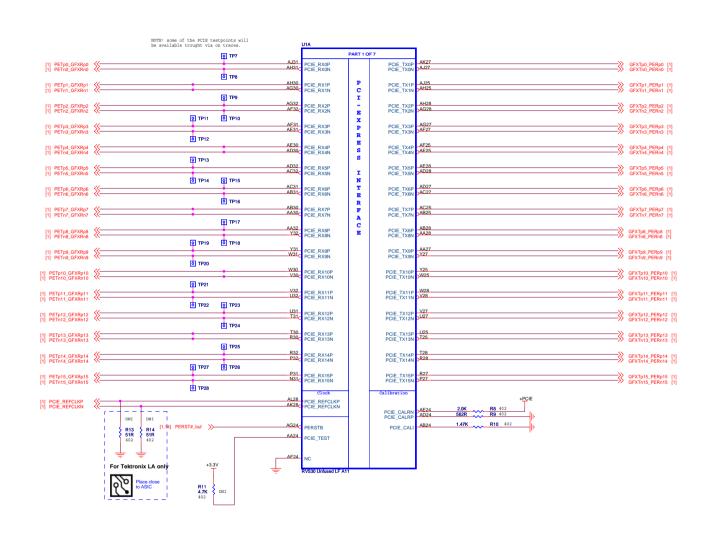
CAP, CERAMIC 100NF 10% 10V X5R EIA(0402)

C39 100nF

U5 NC7SZ08P5X_NI

R RST



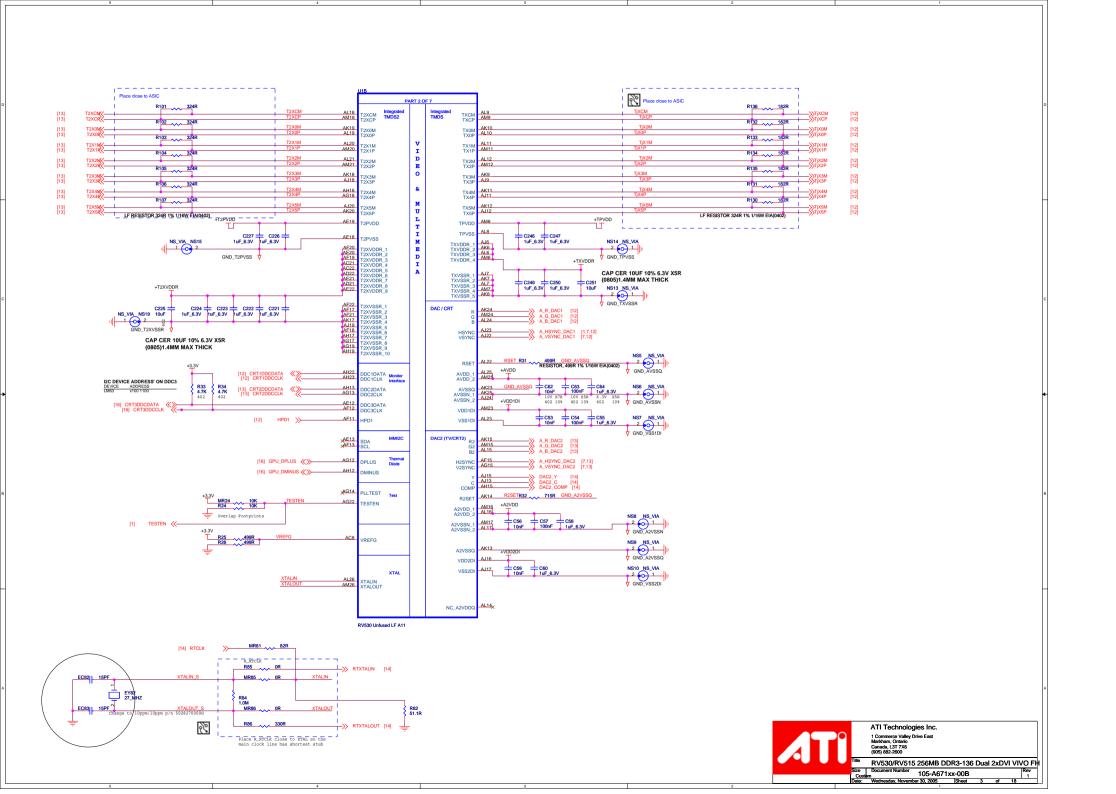


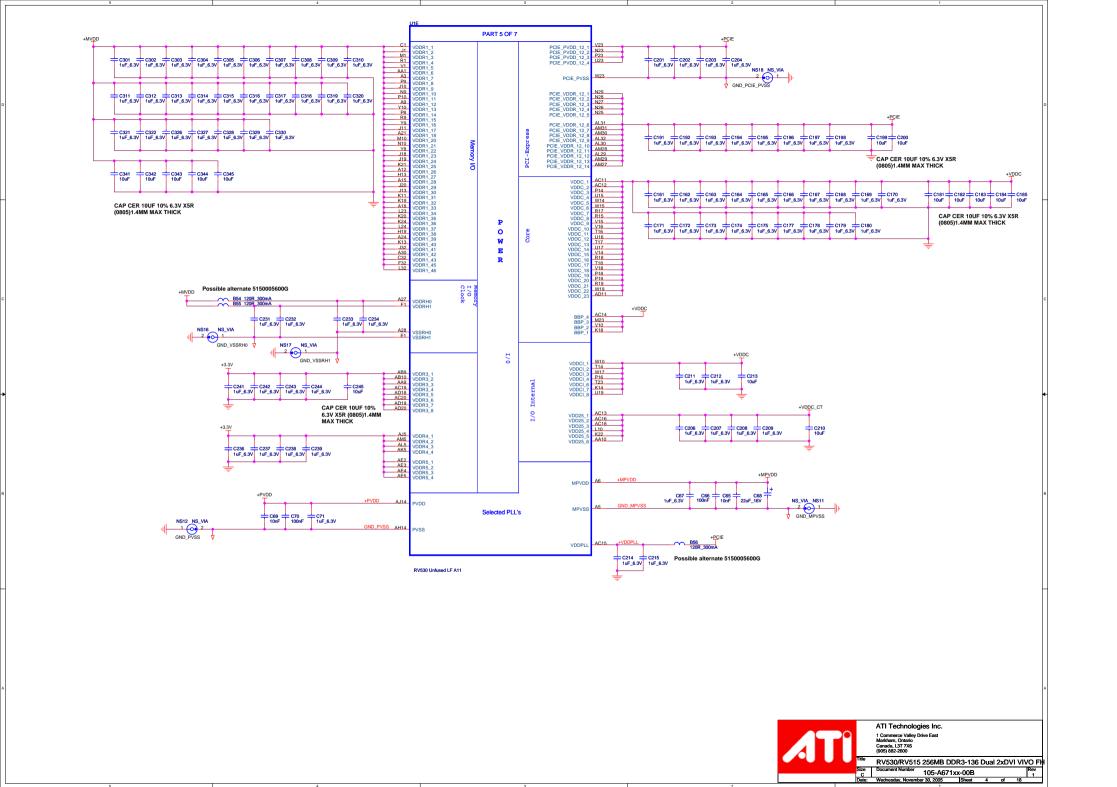
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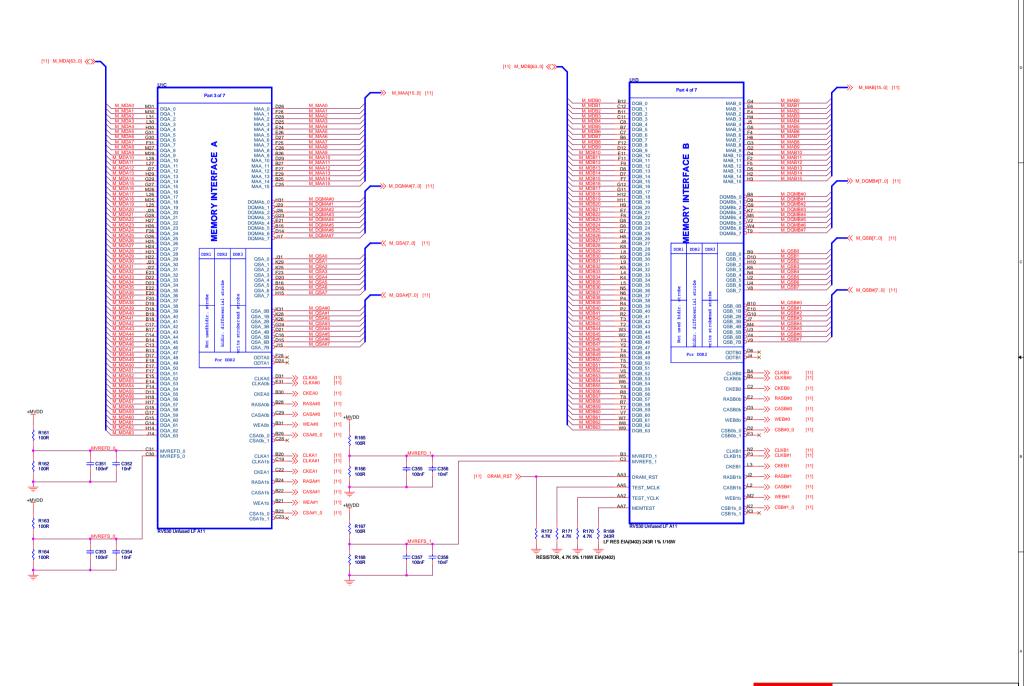
1 Commerce Valley Drive East
Markham, Ortation
(2003 823-2500)

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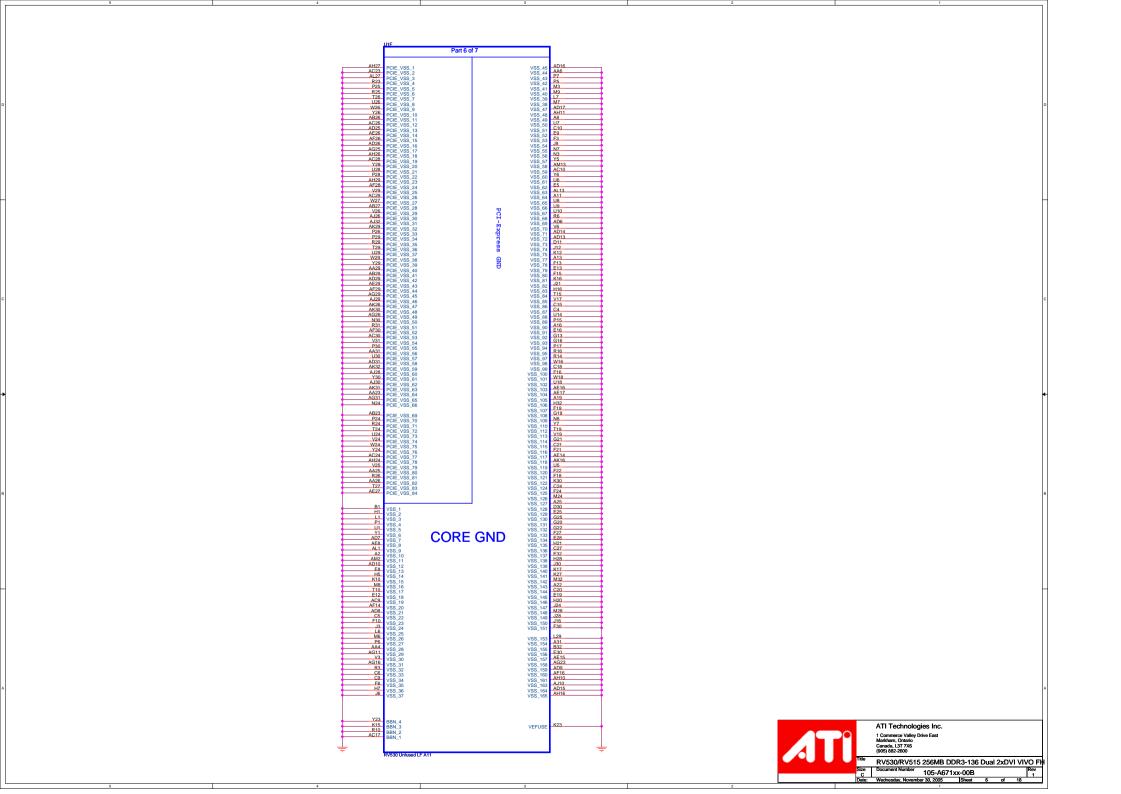


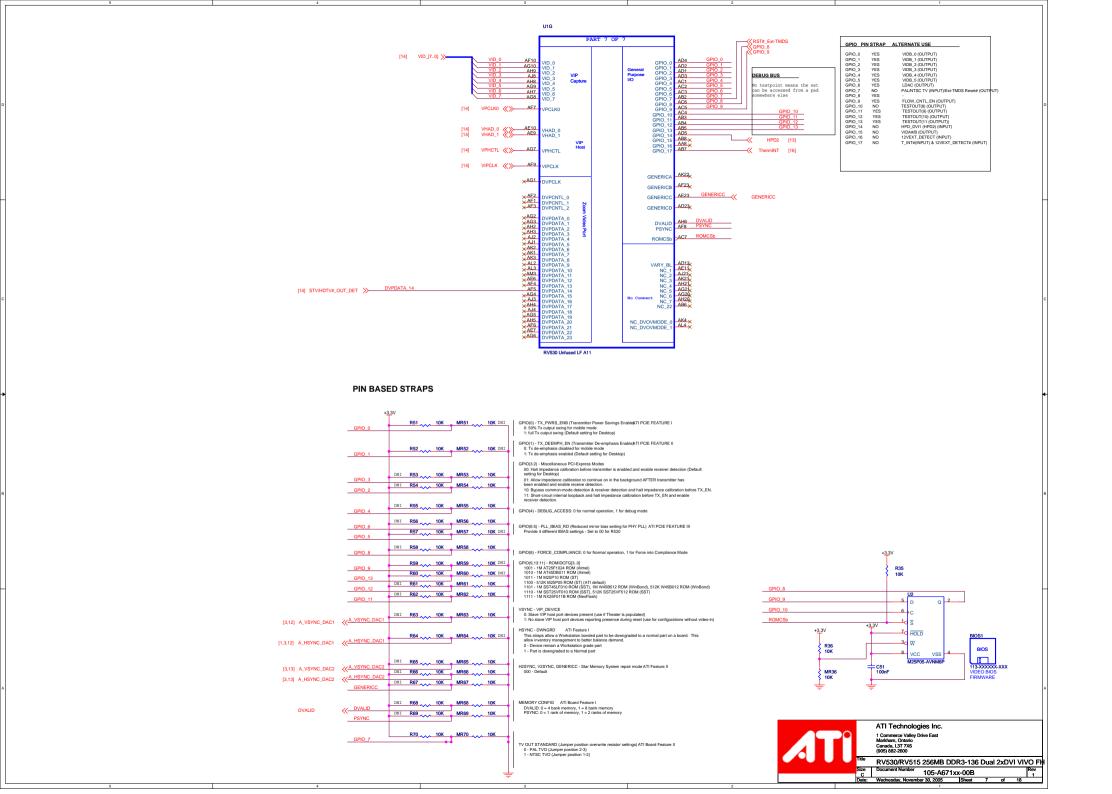


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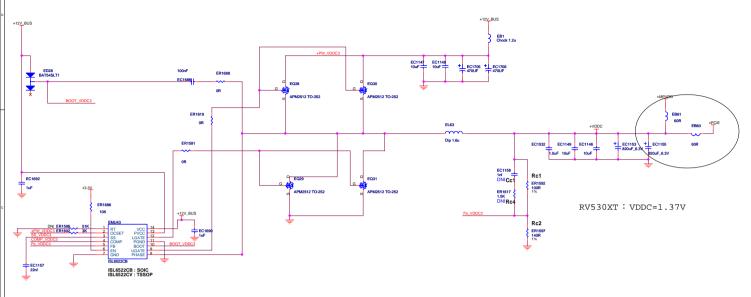
1 Commerce Valley Drive East
Markham, Ontario
Cereada, 137 7766
(20) 6862 2800

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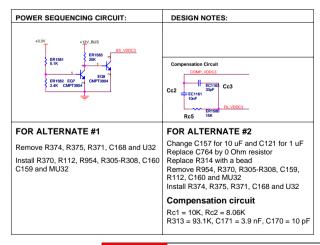




CORE REGULATOR VDDC

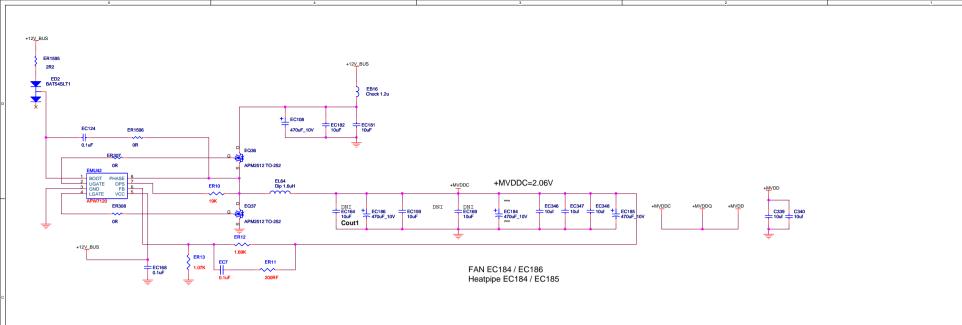


Lower MOSFET should be surrounded by a lot of copper for heat dissipation





ATI Technologies Inc. 1 Commerce Valley Drive East Markham, Ontario Canada, L3T 7X6



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1 Commerce Valley Drive East
Marksham, Ortario
Canada, 131778.

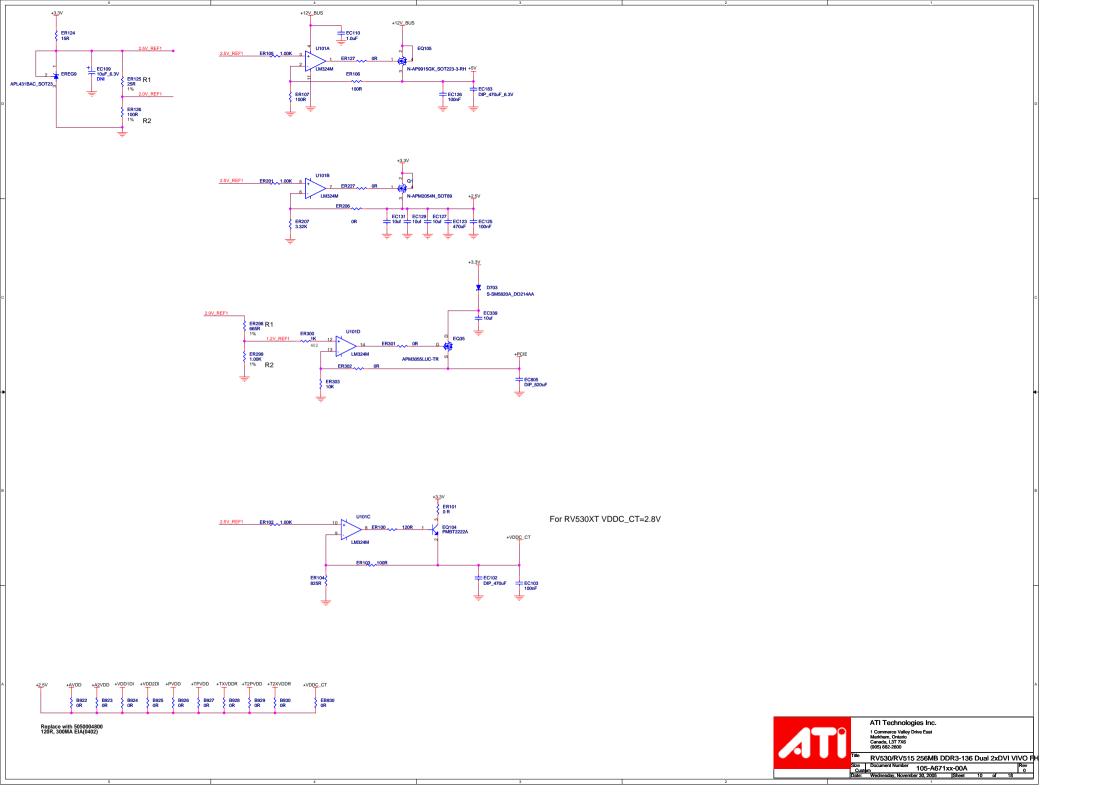
(6tb) 9652780

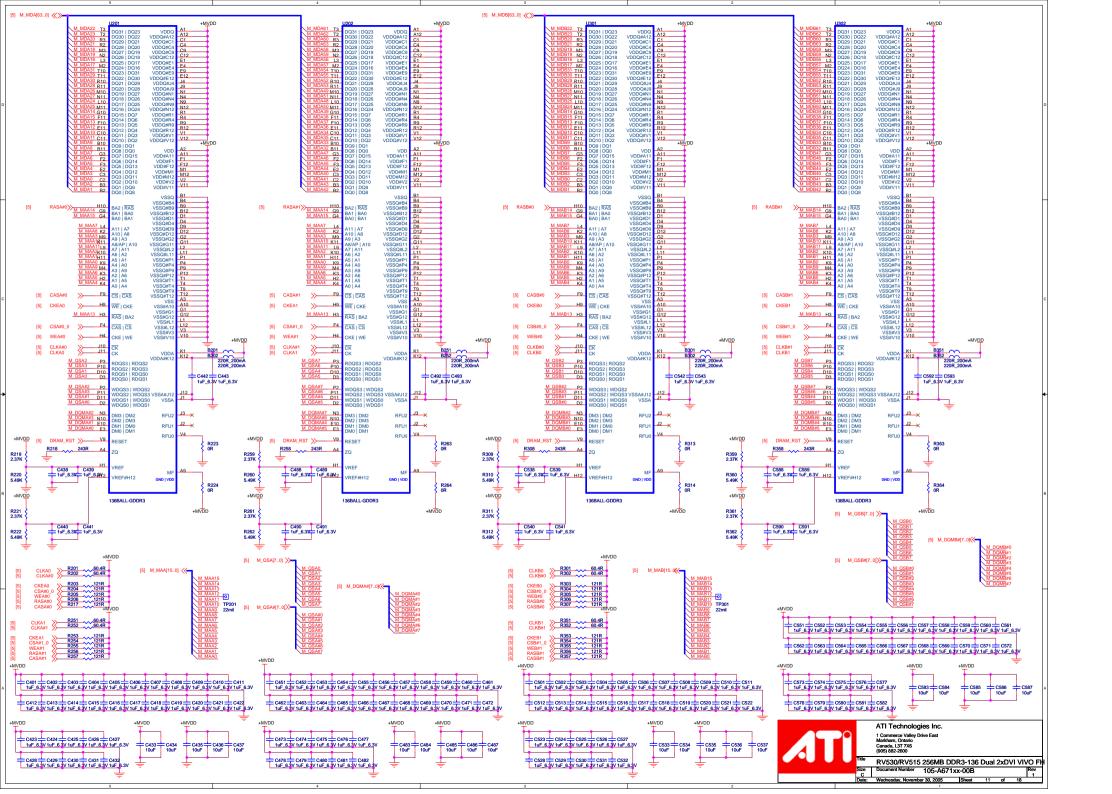
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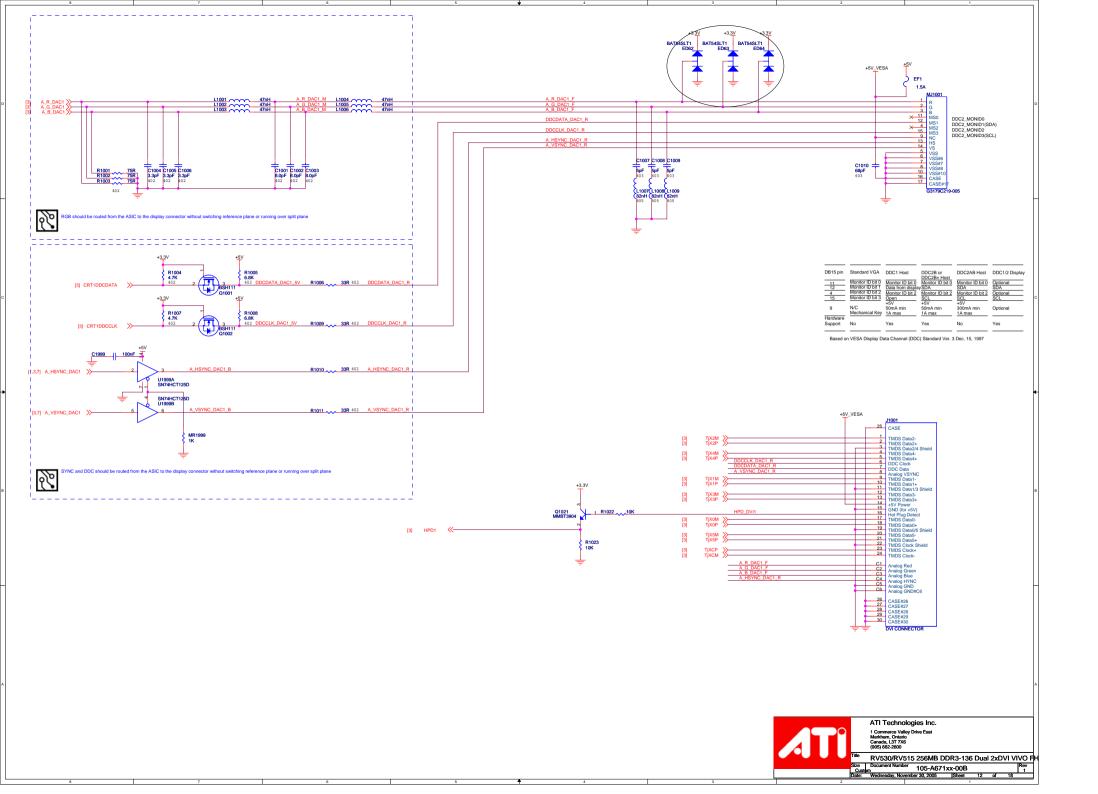
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RV530/RV515 256MB DDR3-136 Dual 2xDVI VIVO FH
RV52

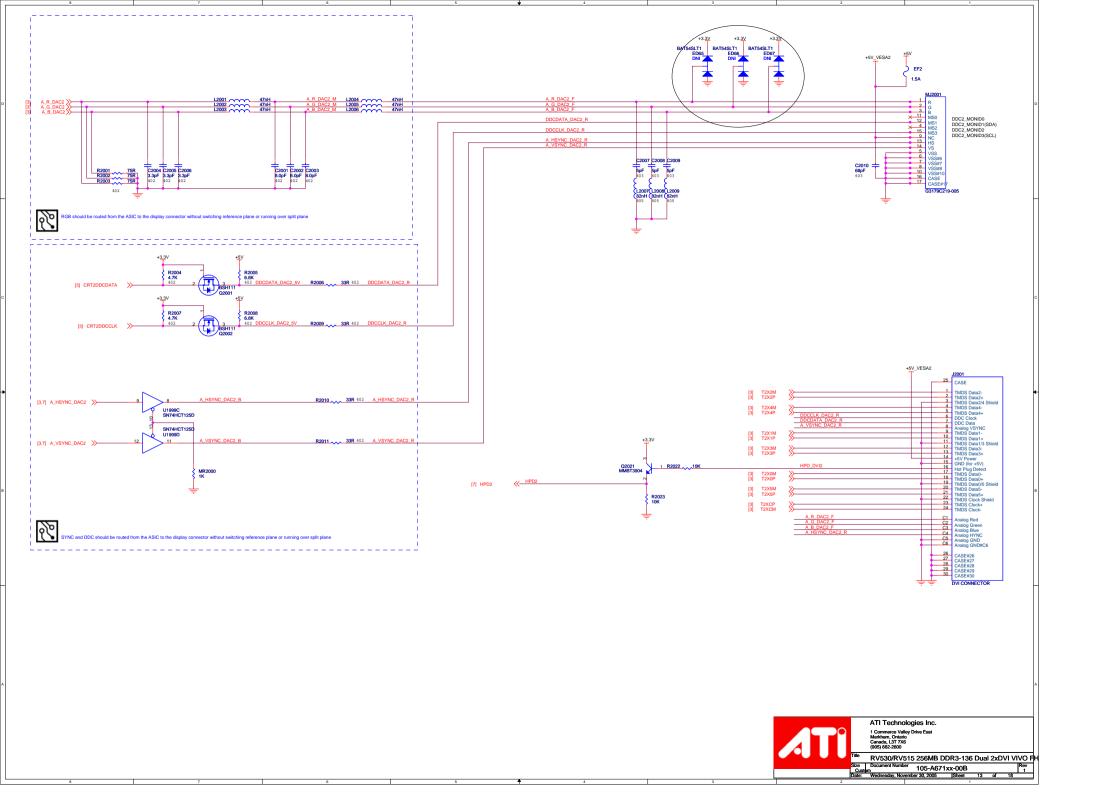
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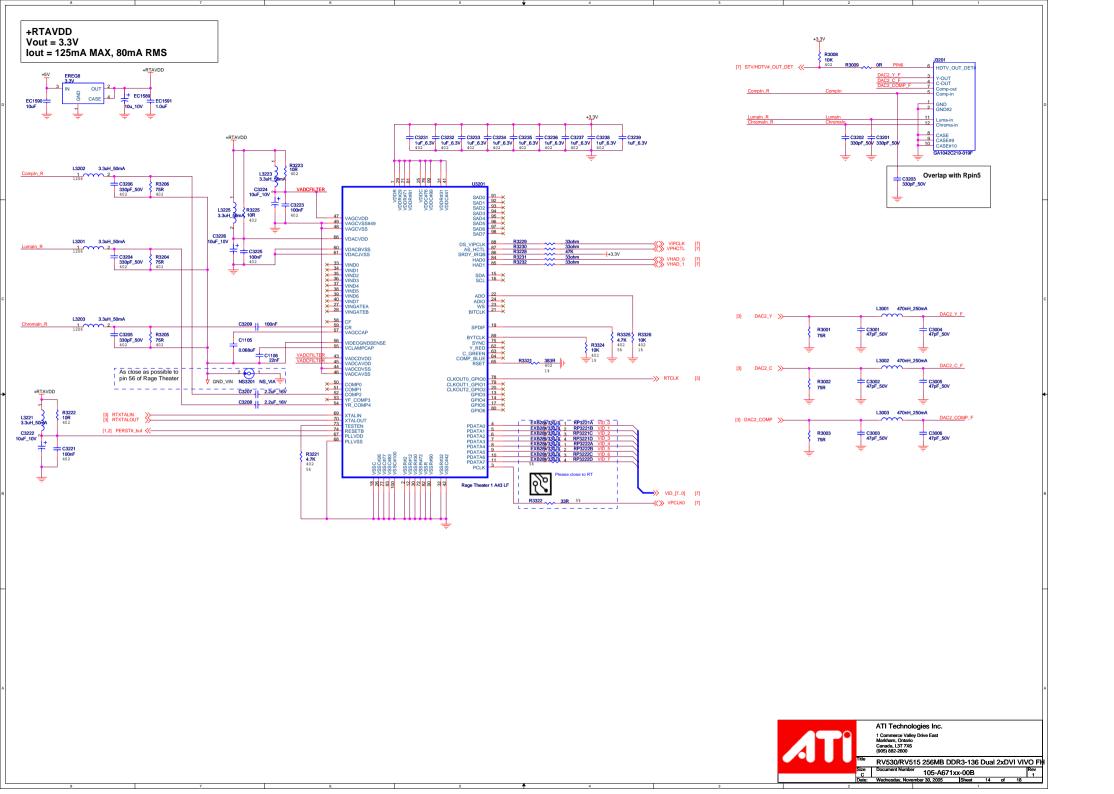
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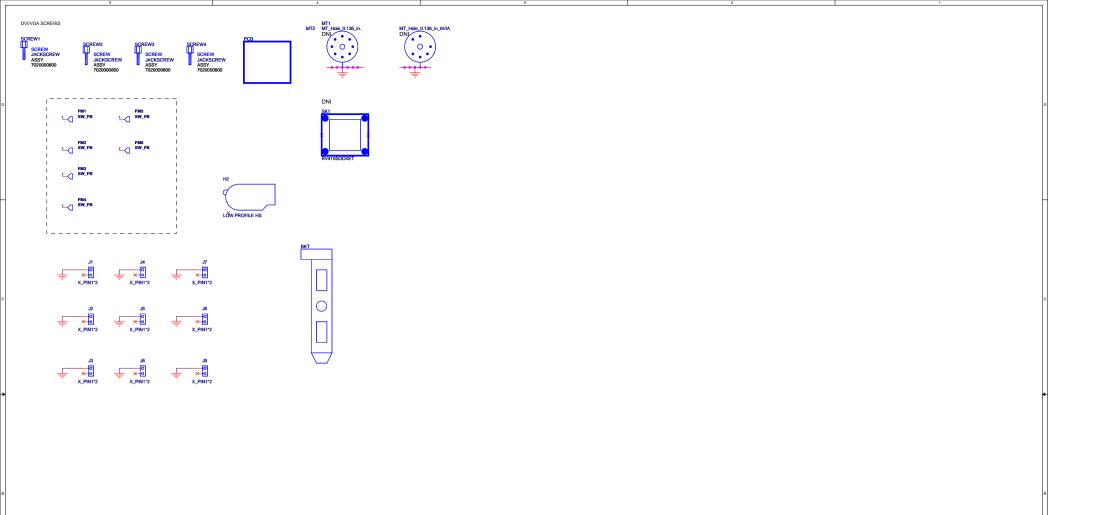




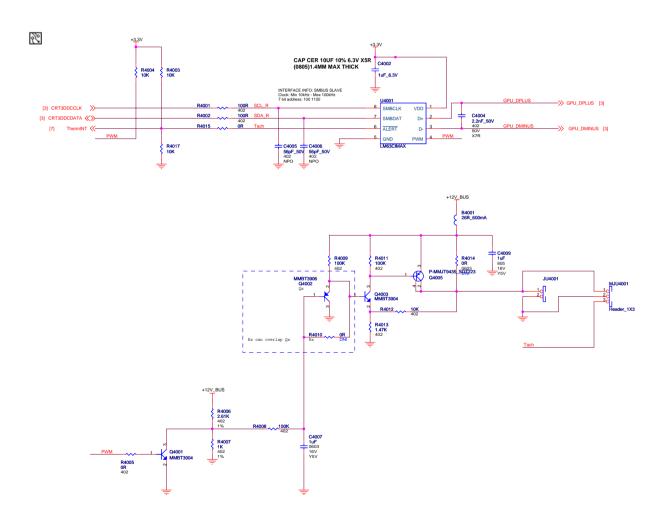












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Tile
RV530/RV515 256MB DDR3-136 Dual 2xDVI VIVO FH
Size
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