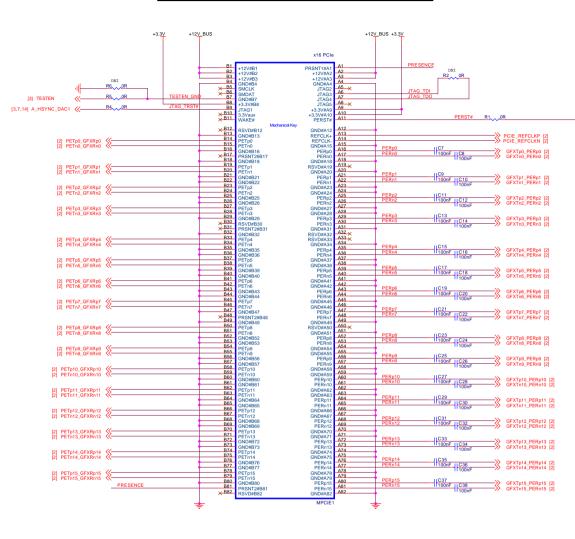


PCI-EXPRESS EDGE CONNECTOR



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)

U5 NC7SZ08P5X_NL

R RST

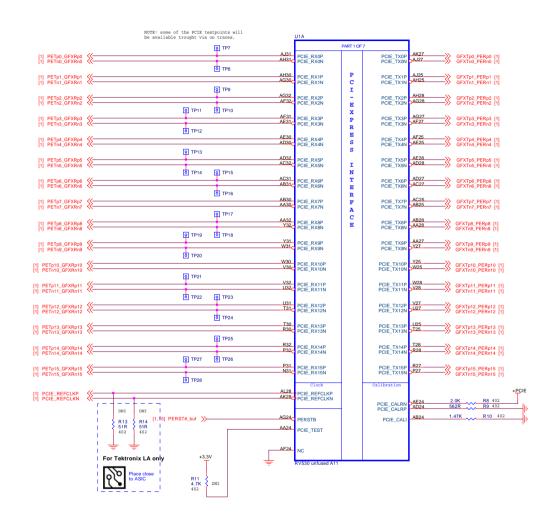


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MS-V050 RV515 TSOF

105-A67700-00A

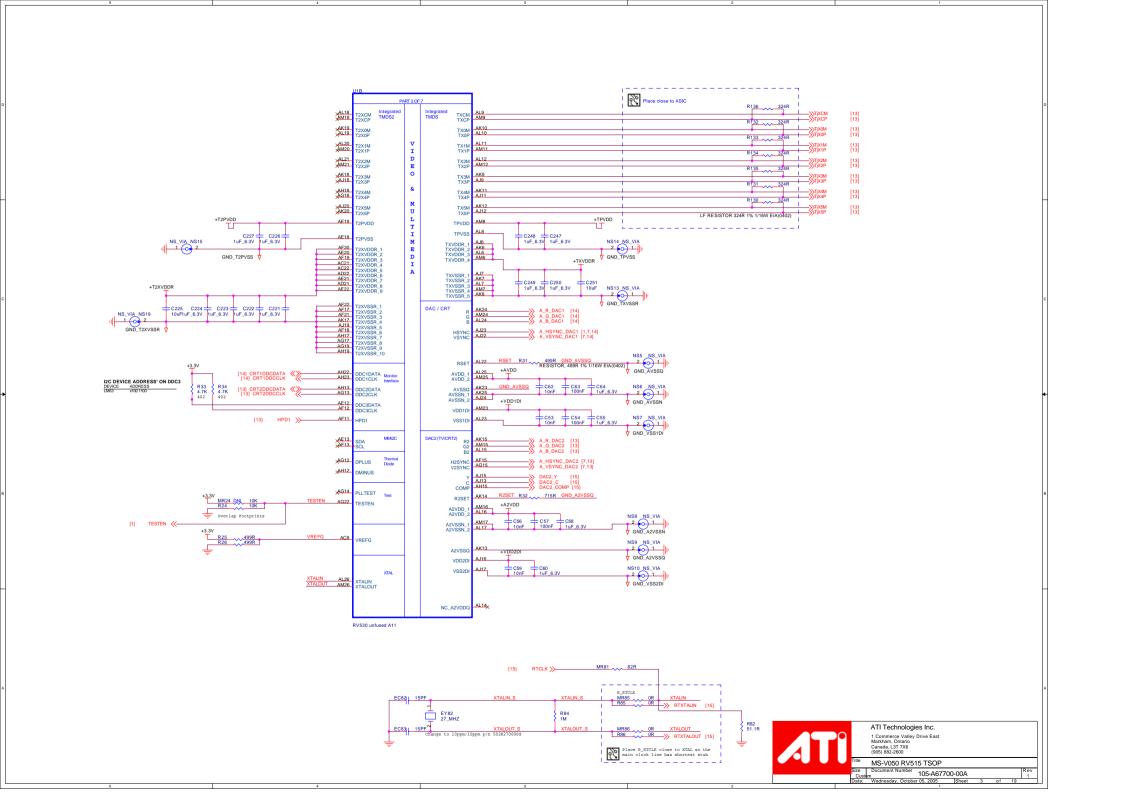


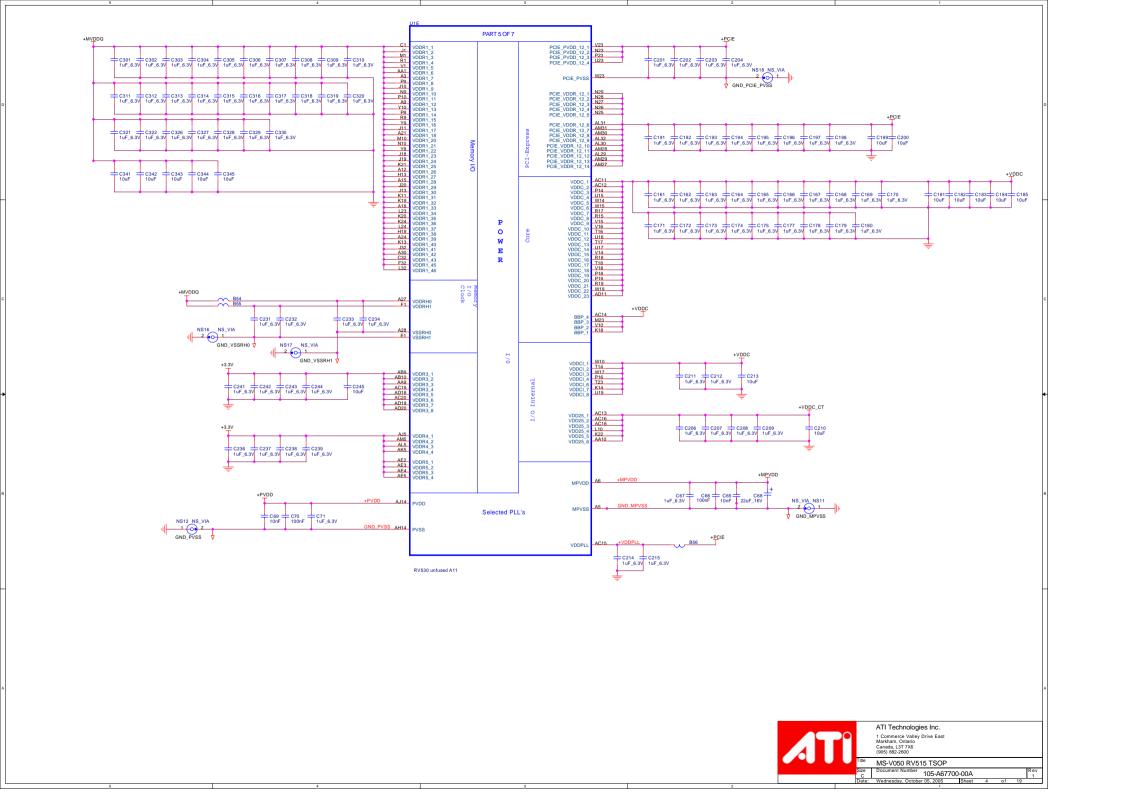
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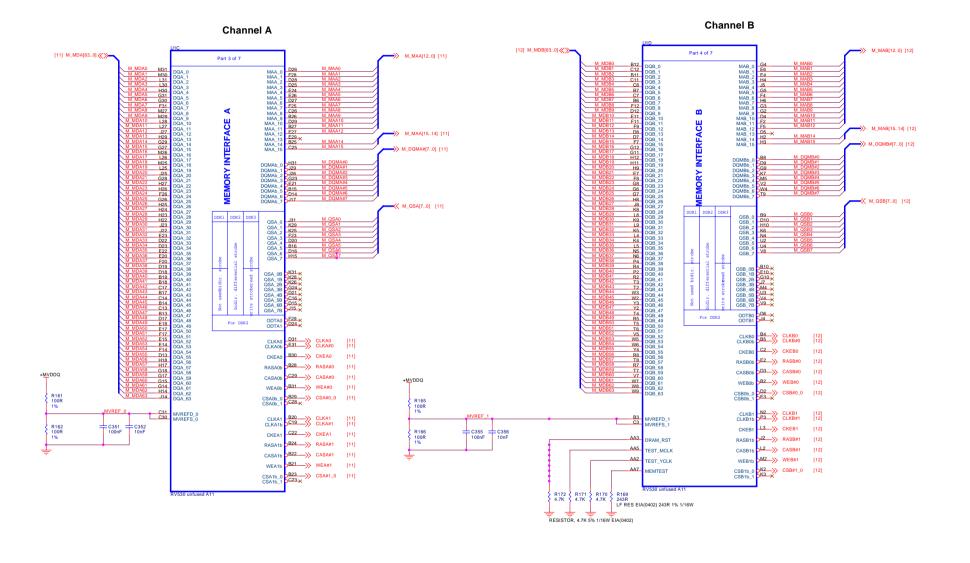
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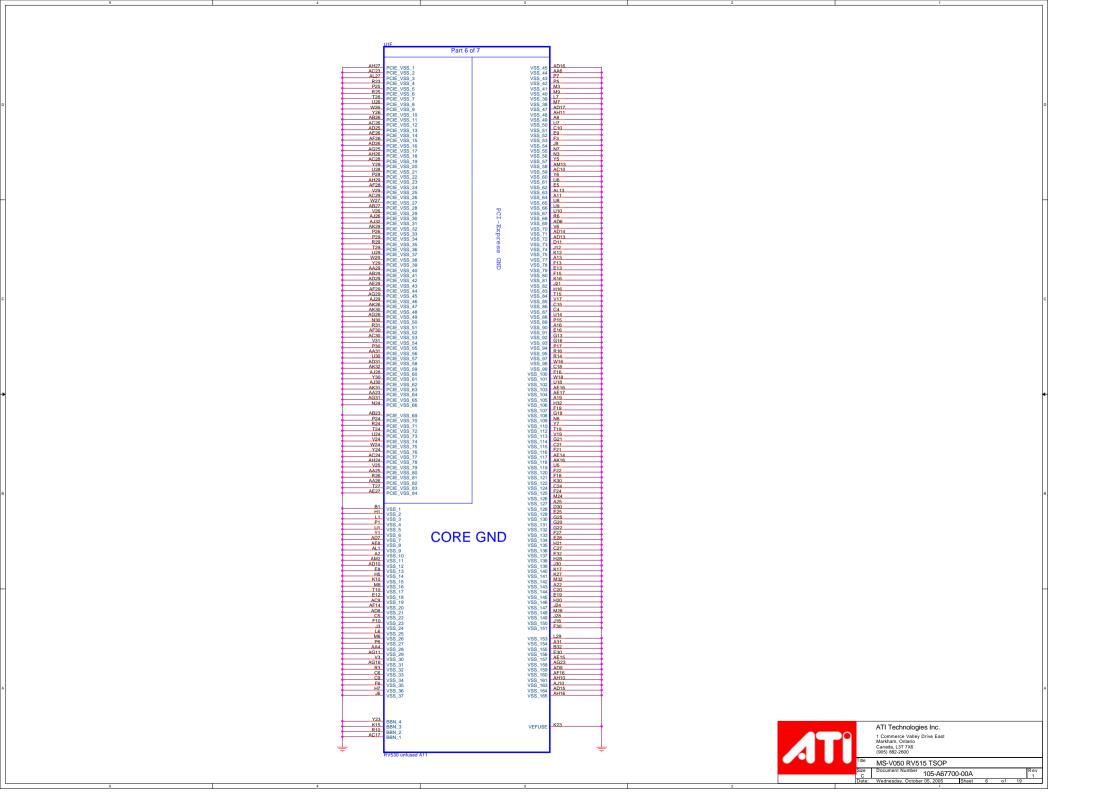


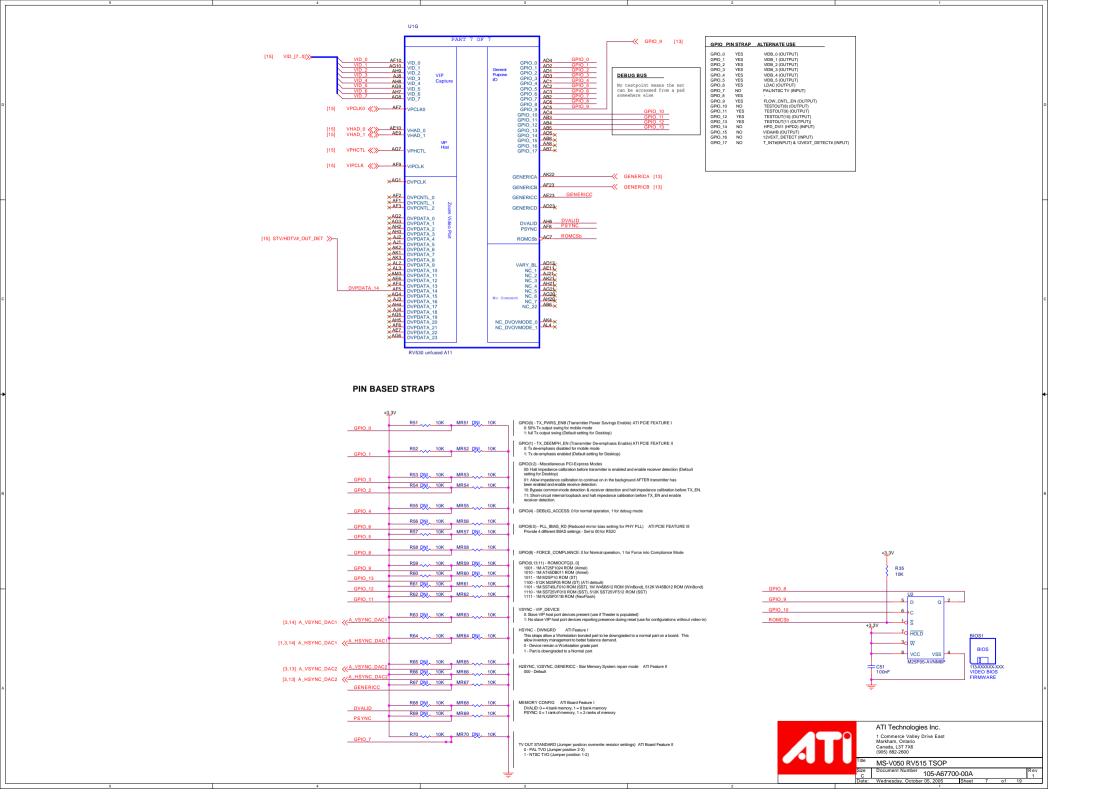


RV530 MEMORY CHANNELS A and B

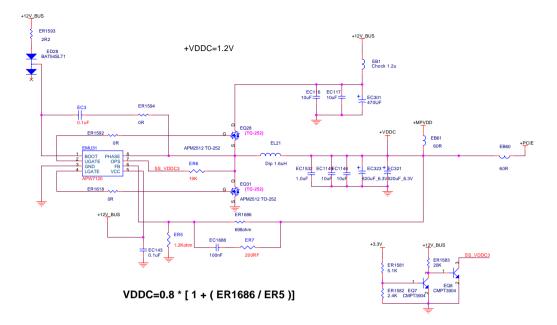








CORE REGULATOR +VDDC





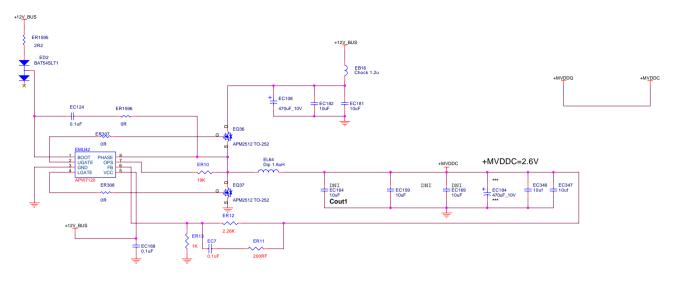
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MVDDC=0.8 * [1 + (ER12 / ER13)]

	ER12	ER13
2.6V	R11-2261T13-W08	R11-0102T23-R01



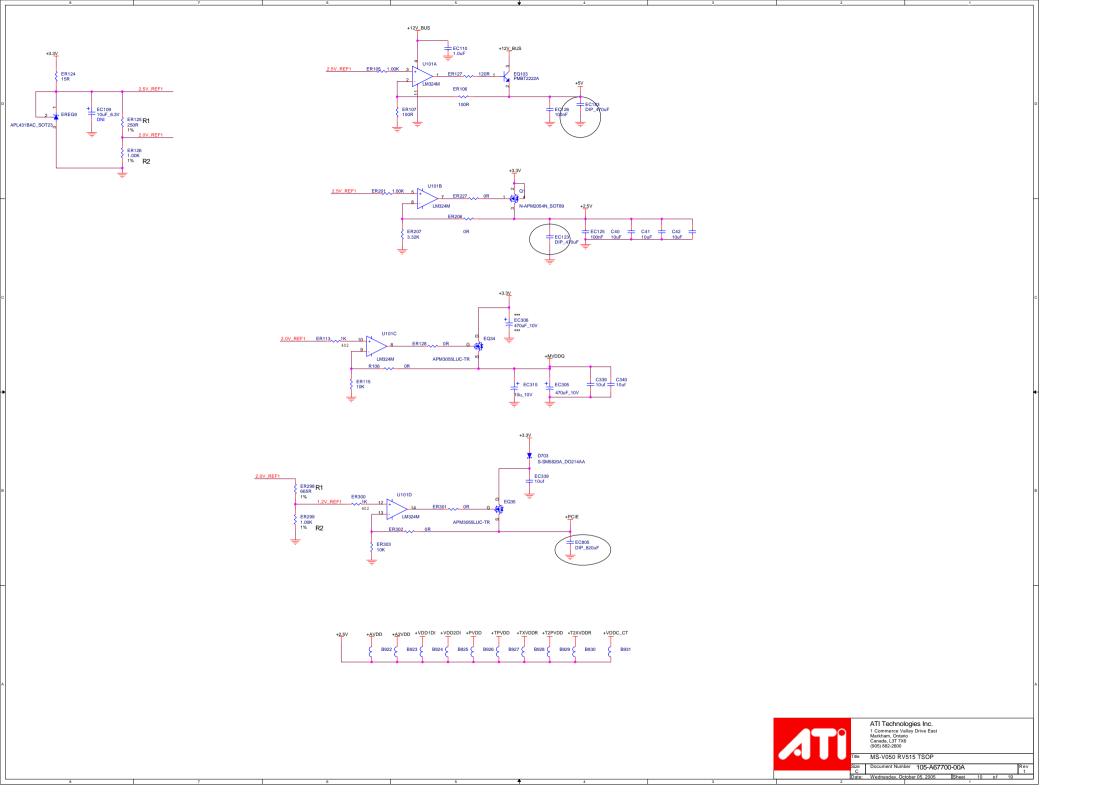
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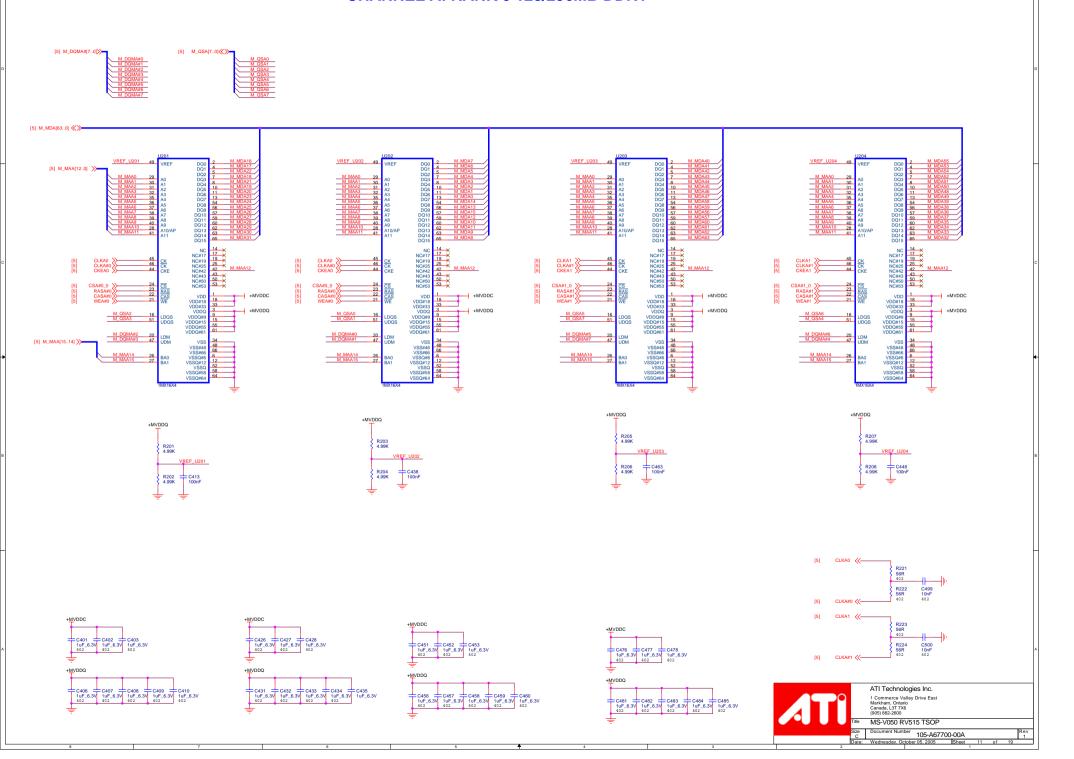
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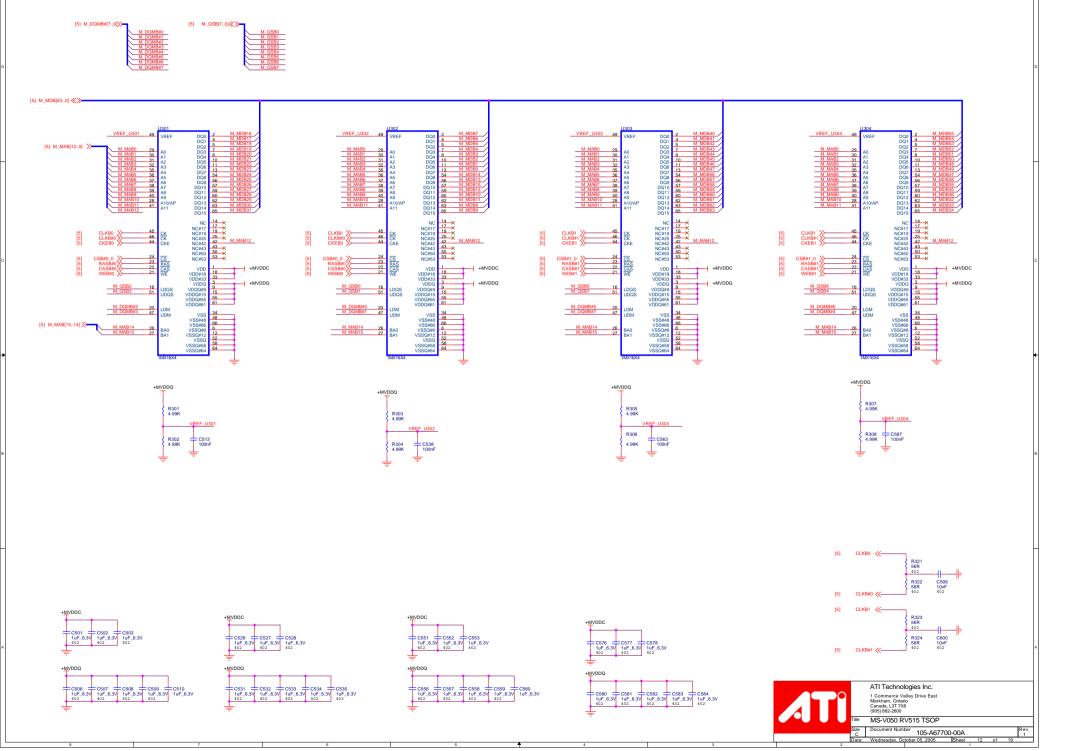
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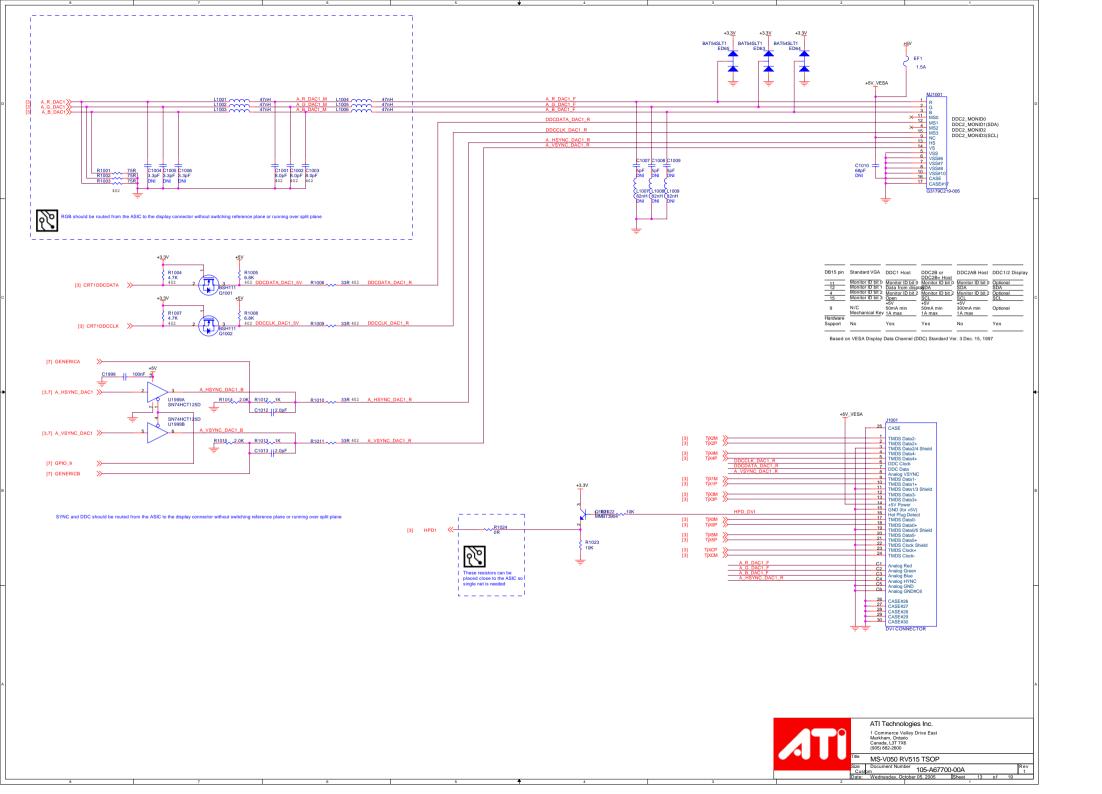


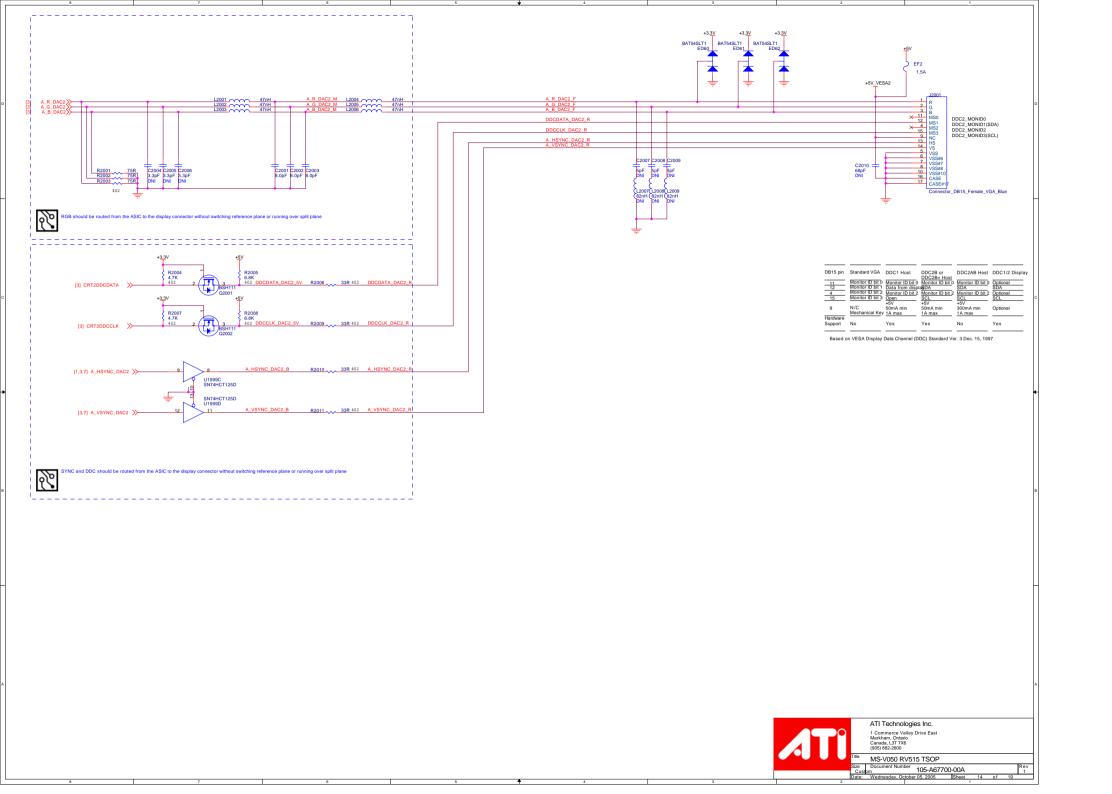
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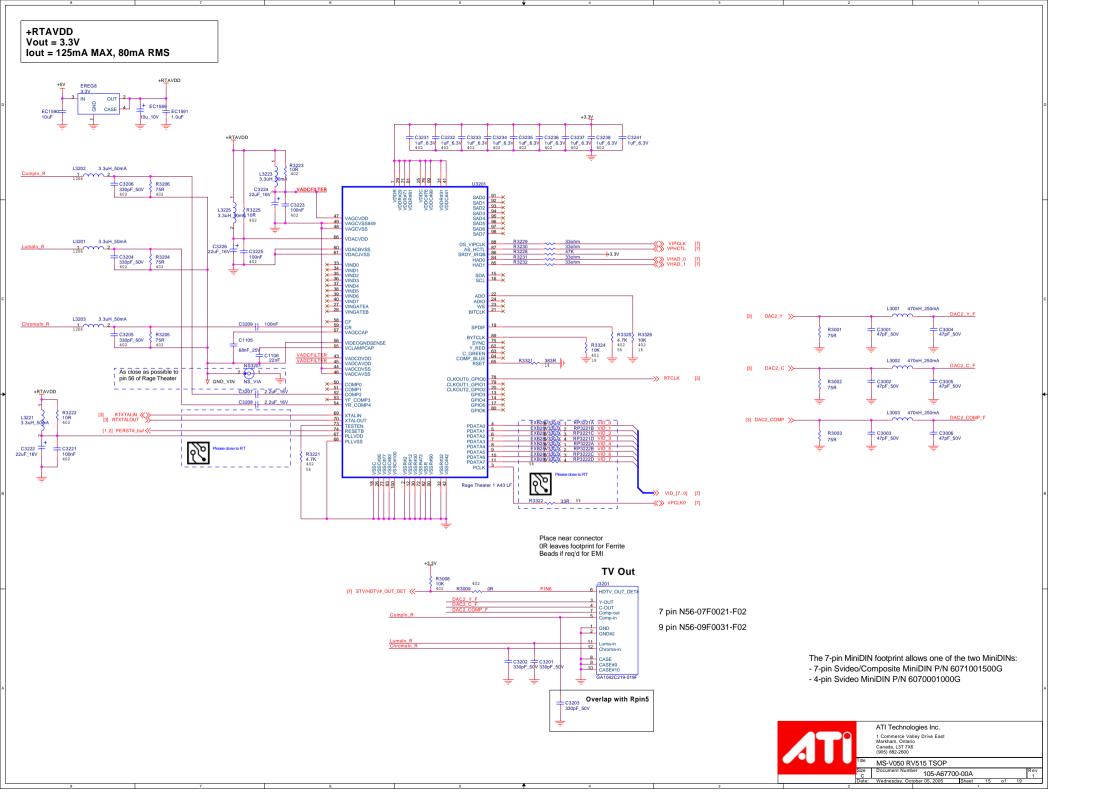


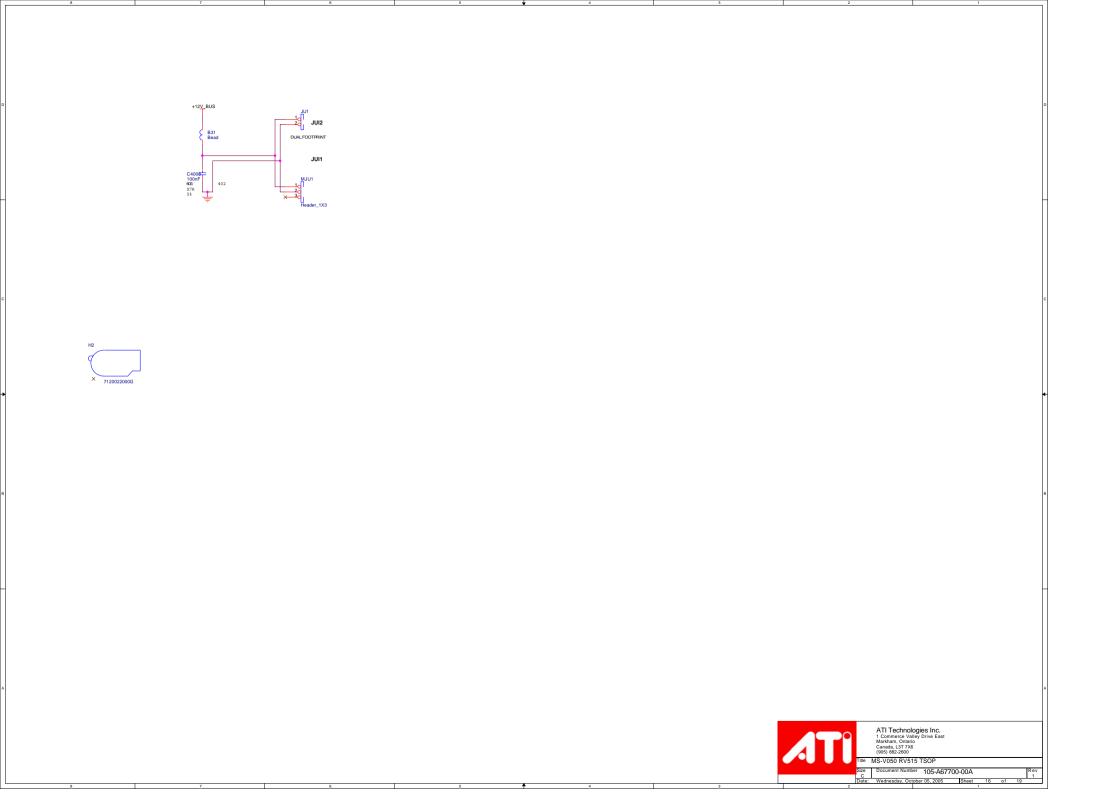
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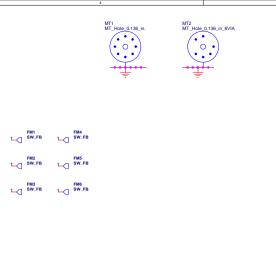












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