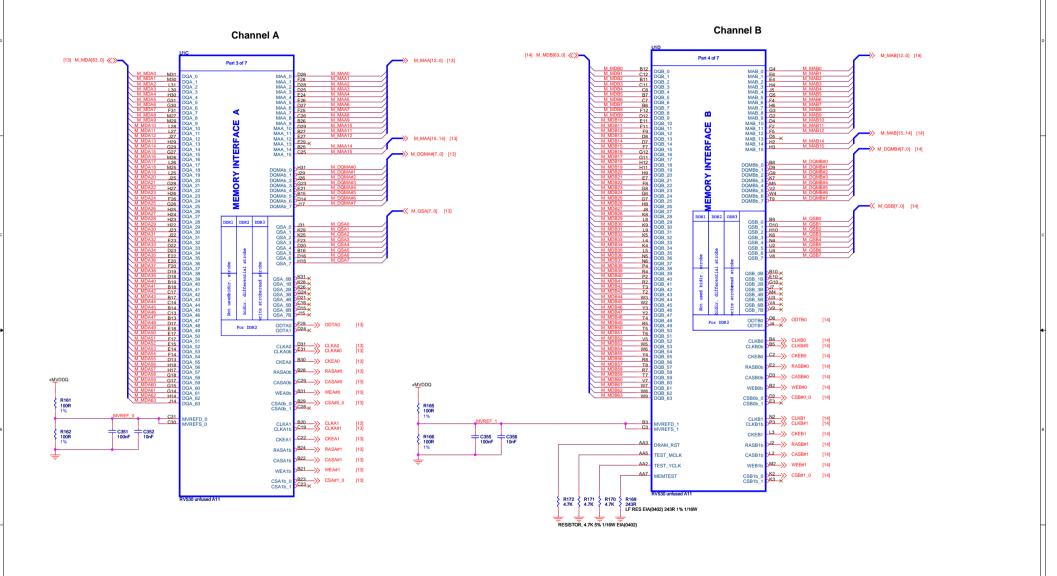
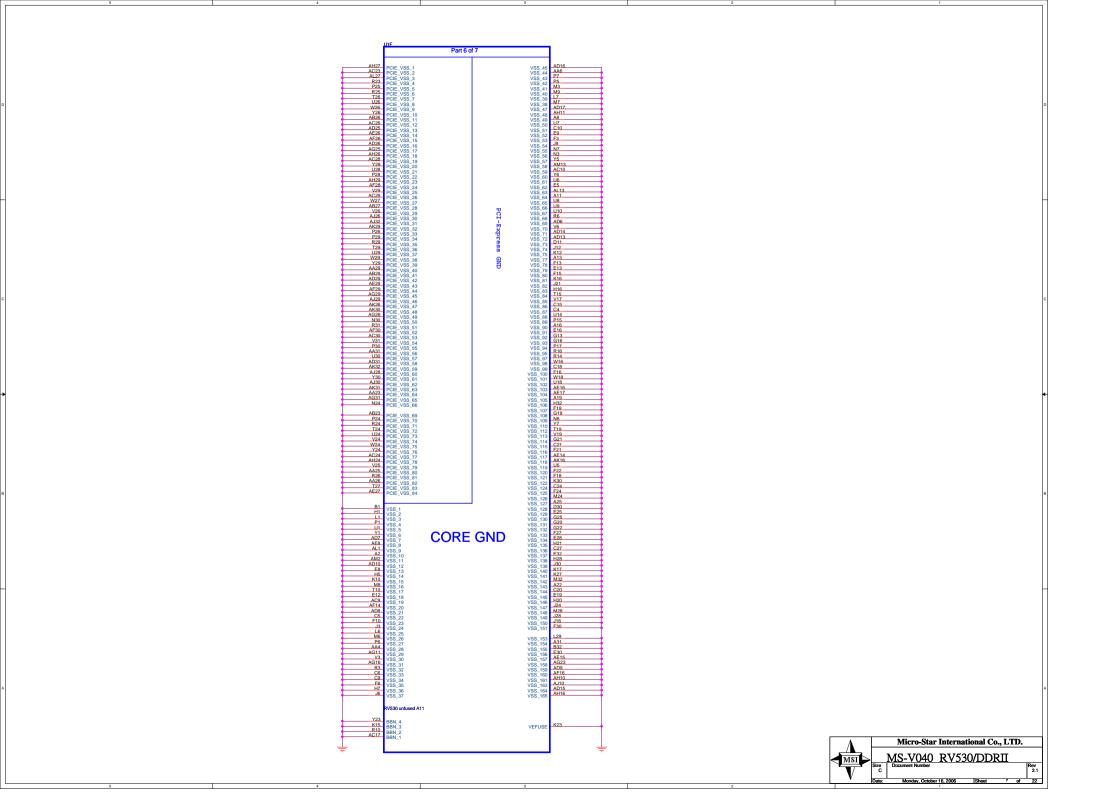
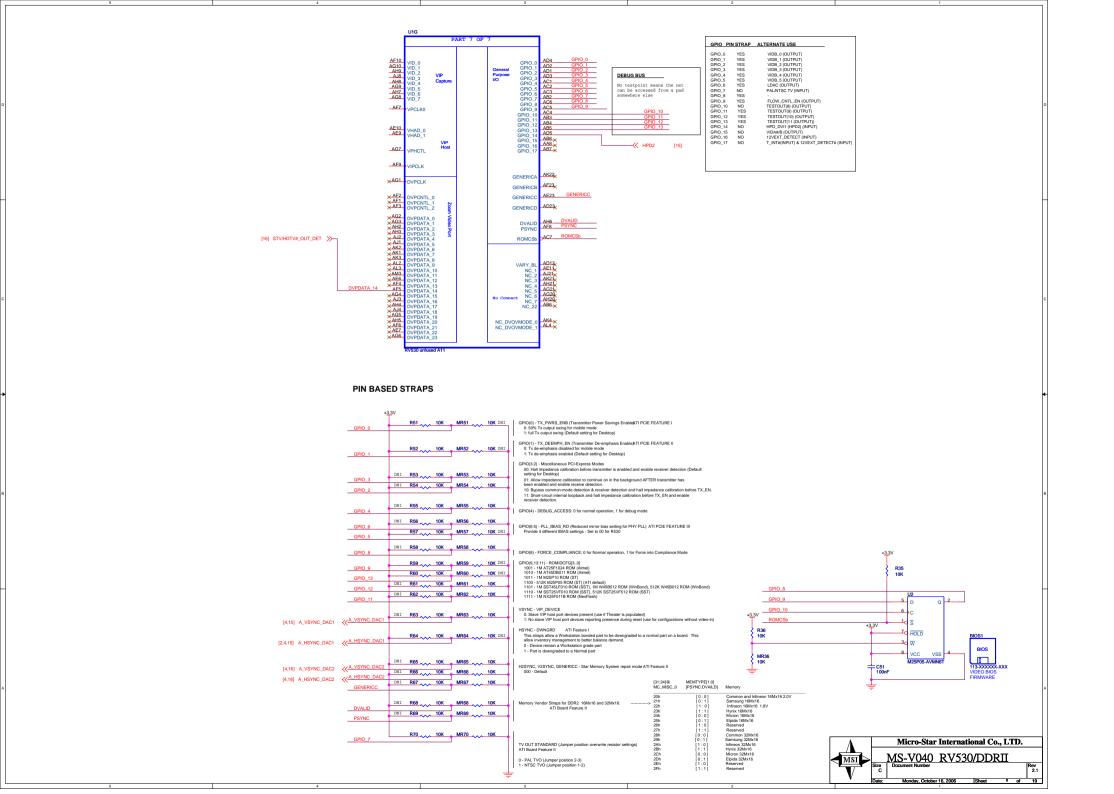


RV530 MEMORY CHANNELS A and B

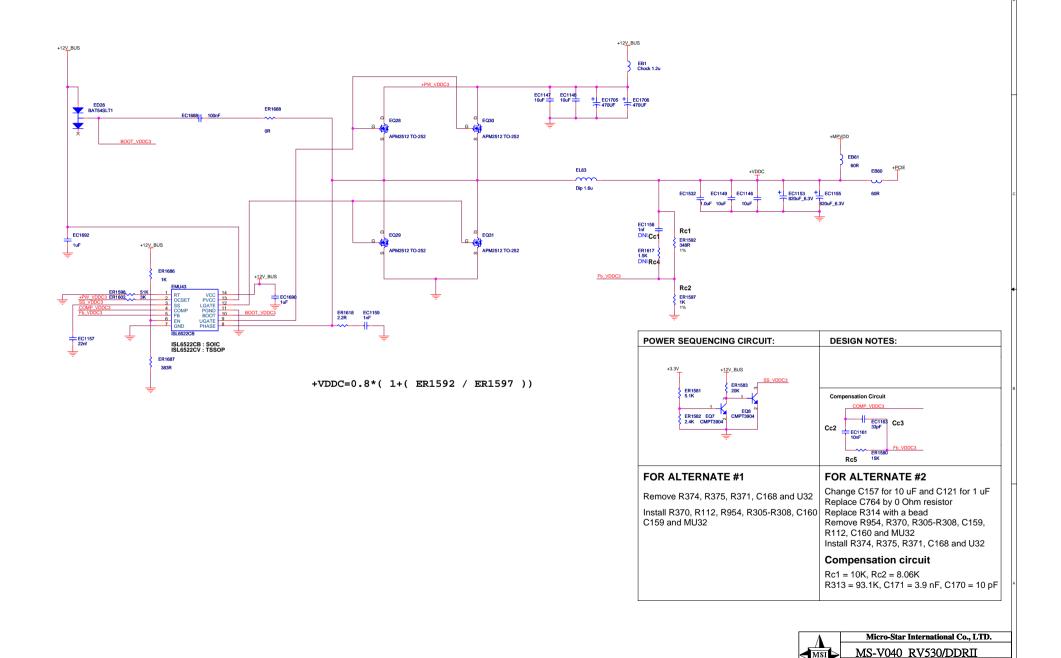


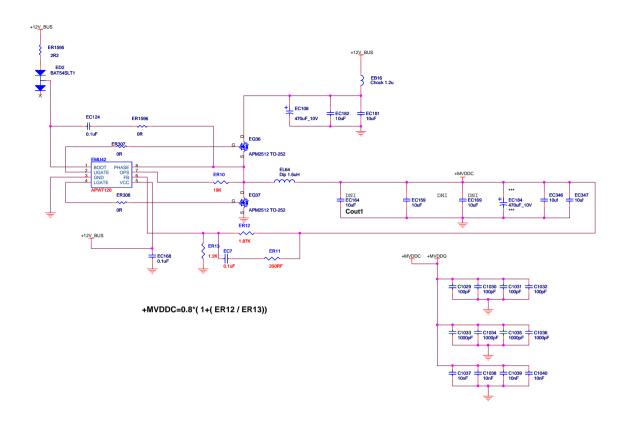






CORE REGULATOR VDDC

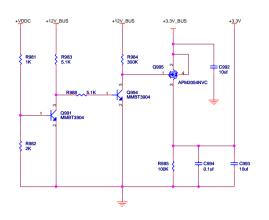


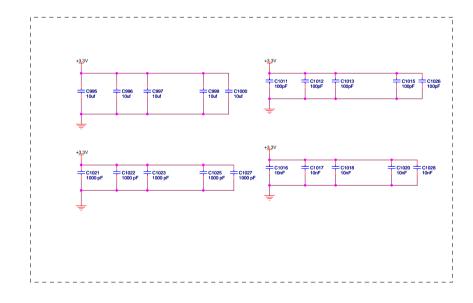


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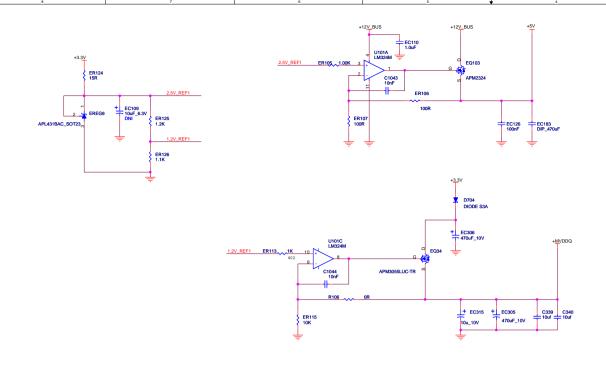
MS-V040 RV530/DDRII

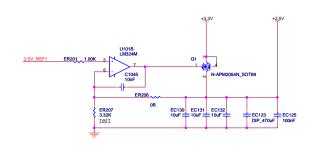
Size Document Number 16, 2006 | Sheet 10 of 19

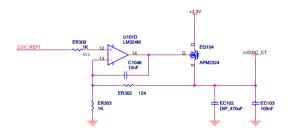


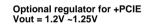




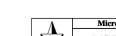












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MS-V040 RV530/DDRII

+2.5V	+AVDD	+A2VDD +V	DD1DI +VI	DD2DI +P\	VDD +TF	PVDD +TX	VDDR +T2	PVDD +T2	XVDDR +VDD	с_ст
	B922	B923	B924	B925	B926	B927	B928	B929	B930	EB930
	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R

CHANNEL A: RANK 0 DDR2 [6] M_MDA[63..0] 《>> CLKA#0 K8 CLKA0 CLKA#1 X K8 CLKA1 JB CLKA#1 X K8 CLKA1 J8 +MVDDQ CKEA1 >>-CKEA1 >>-+MVDDC +MVDDC +MVDDC +MVDDC Replace with 5050004800 Replace with 5050004800₆₁ Replace with 5050004800 [6] Replace with 5050004800 B203 OR 120R, 300MA EIA(0402) B204 120R, 300MA EIA(0402) 120R, 300MA EIA(0402) 120R, 300MA EIA(0402) VDDL VSSDL VDDL VSSDL VDDL VSSDL VDDL VSSDL ODTA0 >>-M_QSA2 F7 R211 10R E8 VSSQ1 VSSQ2 VSSQ3 VSSQ4 VSSQ5 VSSQ6 VSSQ7 VSSQ8 VSSQ9 VSSQ10 R212 M_QSA3 10R M_QSA1 B7 R214 10R A8 M_QSA7 R216______10R M_QSA4 R218 10R IC#A2 IC#E2 IC#L1 IC#R3 IC#R7 IC#R8 VSS1 VSS2 VSS3 VSS4 VSS5 VSS1 VSS2 VSS3 VSS4 VSS5 R204 4.99K R206 4.99K + C463 100nF R208 4.99K R202 = C413 4.99K 100nF C438 100nF +MVDDQ C406 C407 C408 C409 C410 1uF_6.3V 1uF_6.3V 1uF_6.3V 1uF_6.3V 1uF_6.3V 402 402 R222 56R 402 R209 4.99K R219 4.99K R210 4.99K R220 4.99K Micro-Star International Co., LTD. Monday, October 16, 2006 Sheet

CHANNEL B: RANK 0 DDR2 [6] M_MAB[15..14] >> [6] M MAR[12 0] >> +MVDDO +MVDDC Replace with 5050004800 B301 0R120R, 300MA EIA(0402) Replace with 5050004800₆₁ Replace with 5050004800 [6] Replace with 5050004800 120R, 300MA EIA(0402) 120R, 300MA EIA(0402) ODTBO >> K9 C511 100nF C561 = C562 100nF 1uF_6.3V C585 = C586 100nF 1uF_6.3V VSSQ1 VSSQ2 VSSQ3 VSSQ4 VSSQ5 VSSQ6 VSSQ7 VSSQ8 VSSQ9 VSSQ10 R313 VREF_B0 VREF_B ±M\/DDO ±M∨DDO +MVDDO +MVDDO R301 4.99K R303 4.99K R305 4.99K R306 R302 4.99K R304 4.99K R308 4.99K C587 100nF 4.99K C556 C557 C558 C559 C560 1uF_6.3V 1uF_6.3V 1uF_6.3V 1uF_6.3V 1uF_6.3V +MVDDQ +MVDDQ CLKB#0 <<-R309 4.99K R319 4.99K VREF_B0 R310 4.99K Micro-Star International Co., LTD. [6] CLKB#1 <<-Monday, October 16, 2006 Sheet

