MS-V041 VER 10

NV43-PCIE NV43 256MB/128bit, BGA 16MX16 DDR2,VGA,DVI-I,TV-OUT(HT-10)

P295-A00 DESIGN NV43 300/267MHZ 128MB/256MB/512MB DDR2 84-FBGA

PAGE SUMMARY:

DDR2 84-FBGA Clock setting 350MHZ

Page1: P295 Overview Page2: PCI EXPRESS, NVVDD, VDD33

Page3: FB BANK A, FBVTT TERMINATIONS, FBVDDQ DECOUPLING Page4: FB BANK C, FBVTT TERMINATIONS

Page5: MEMORY PARTITION A 0..31
Page6: MEMORY PARTITION A 32..63 Page7: MEMORY PARTITION C 0..31
Page8: MEMORY PARTITION C 32..63

Page9: GPU GND

Page10: DACA - VGA Page11: DACB - TVOUT, VIDEO IN

Page12: DACC - VGA Page13: STRAPS, FANSINK, MECHANICALS

Page14: GPIO, HDCP ROM, VBIOS ROM, FAN CONTROL Page15: INTERNAL TMDS LINK A/B

Page16: INTERNAL TMDS LINK C/D Page17: MIOA, MIOB, NVPLL

Page 18: POWER SUPPLY (RT9218) for NVVDD,FBVDDQ
Page 19: Other Powers - A3V3, DDC_5, TMDSPLL, TMDSIO, FBVTT and 5V-3V3 POWER SEQUENCING

Г	4	VARIANT	NVPN	ASSEMBLY	
г	8	3243	602-10295-BASE-SCH	BASE LEVEL GENERIC SCHEMATIC ONLY, COMMON & NO, STUFF ASSEMBLY NOTES AND BOM NOT FINAL	
П	1		602-10295-0000-000	GF4600 ADI GEN 300267MHZ 256MB 8H FBGA DDR2 16MX16 VGA+DVI+HHDTV	
П	2		602-10295-0001-000	GF-6600-ADH GEN 200/26798KZ 128MB 8H-FBGA DDR2 8MX16 VGA+DVI-HHDTV	
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REV HISTORY

A00

-08/04/2005:

1.Page18: change power solution to RT9218 for NVVDD & FBVDDQ

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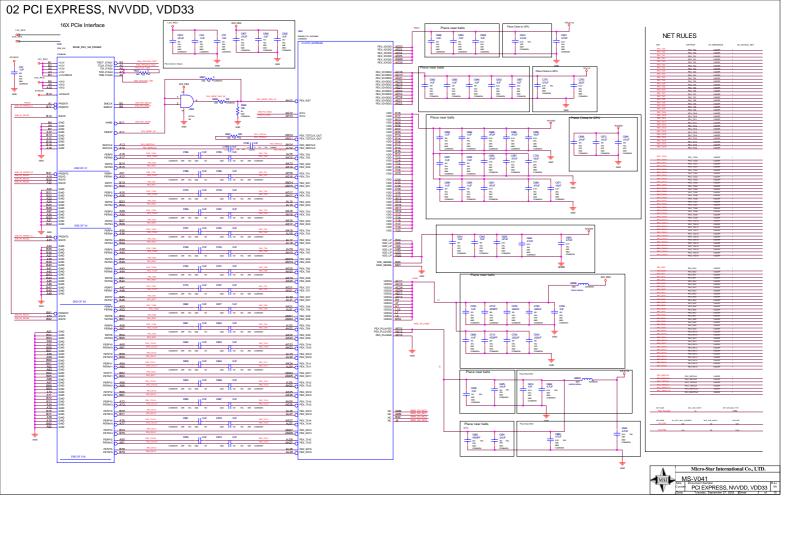
-08/04/2005:

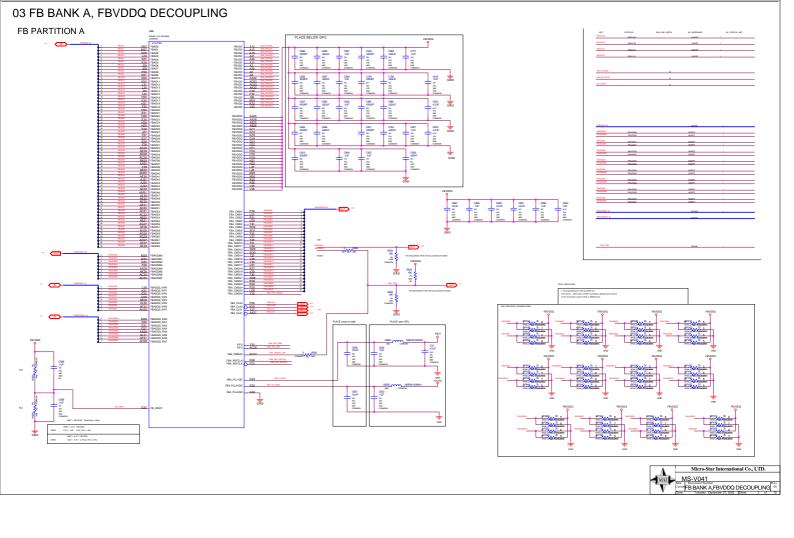
1.Page18: Move C913~C916 out form C910,C911 & Move C930,C931 out form C929

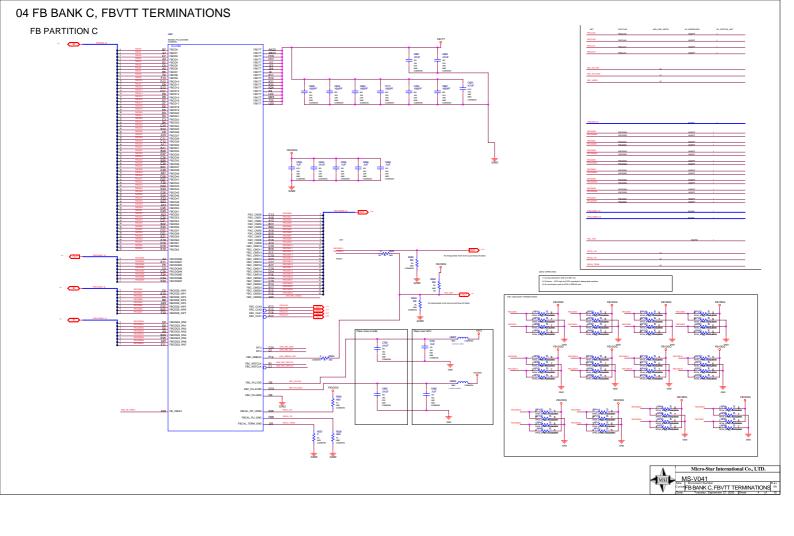
2.Page19: Add C940 near C36

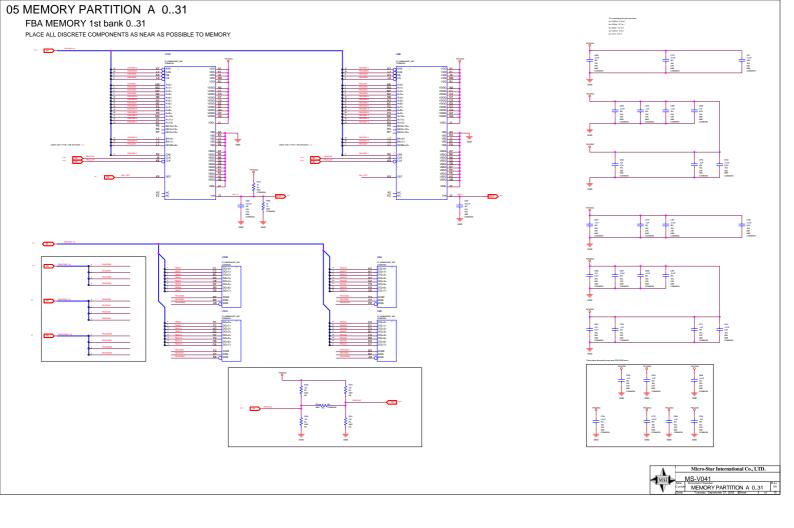
3.Page19: Remove C16, C35, C55



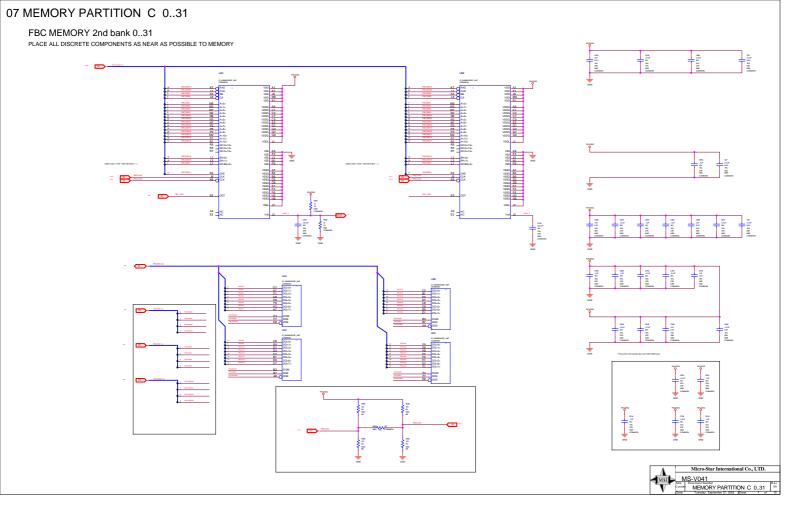


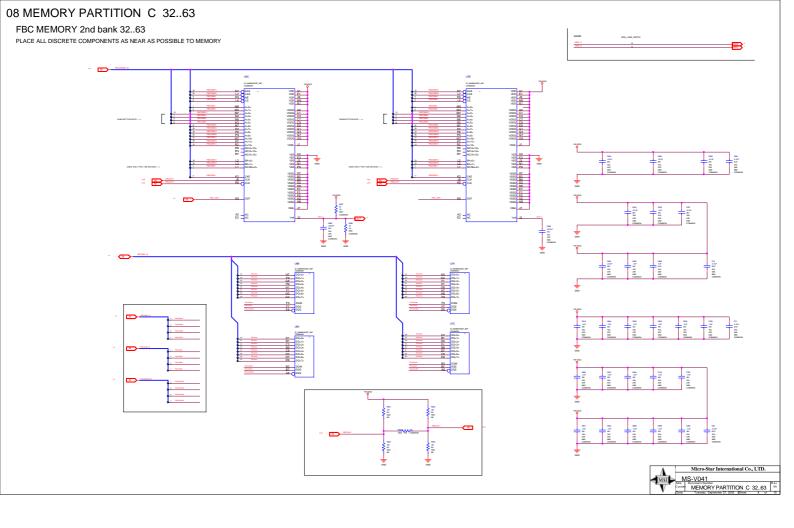


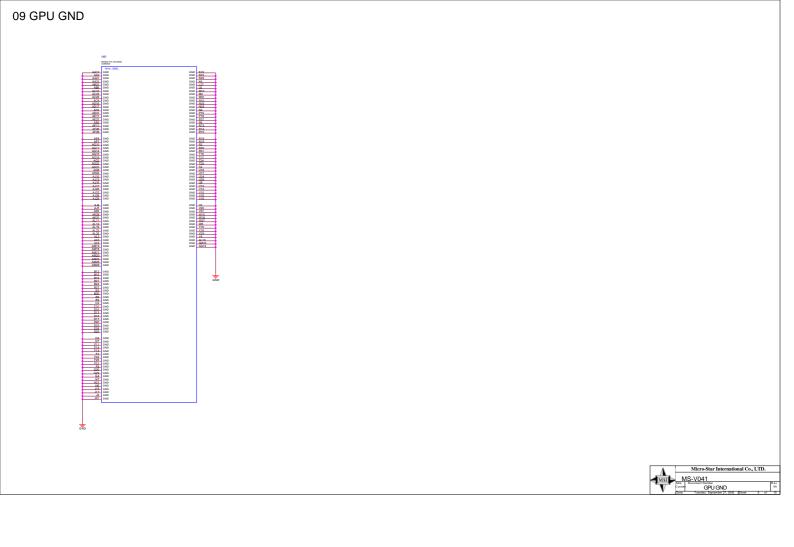


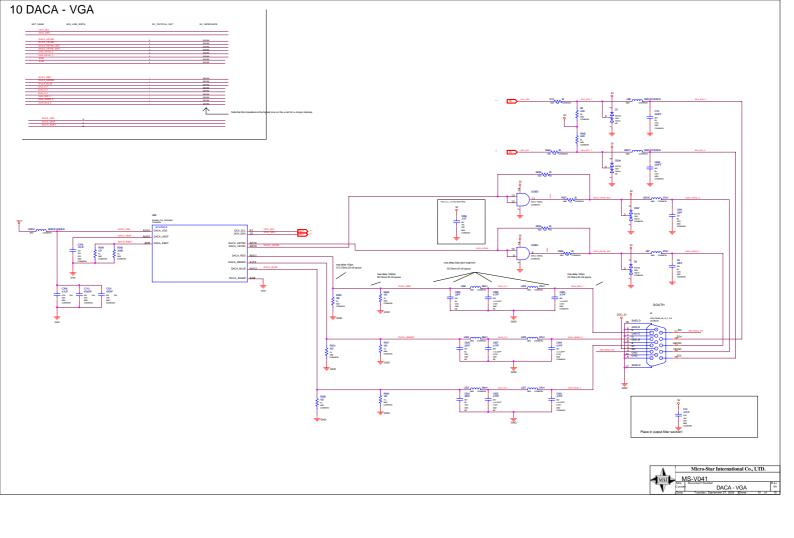


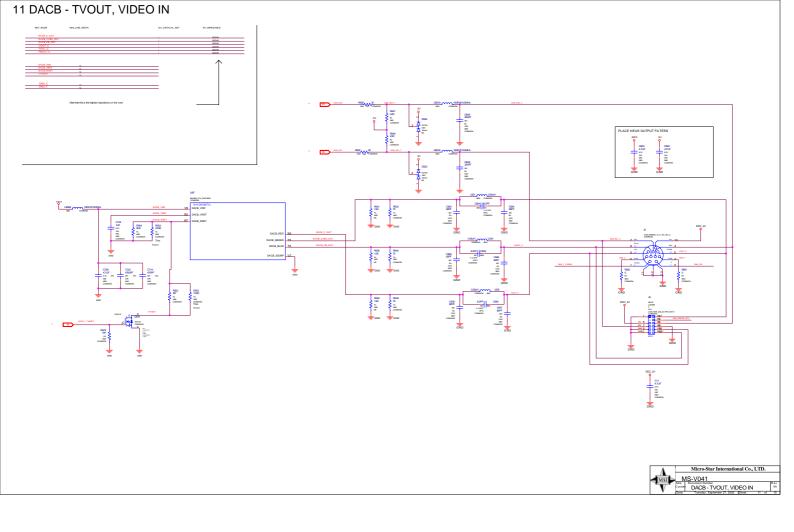
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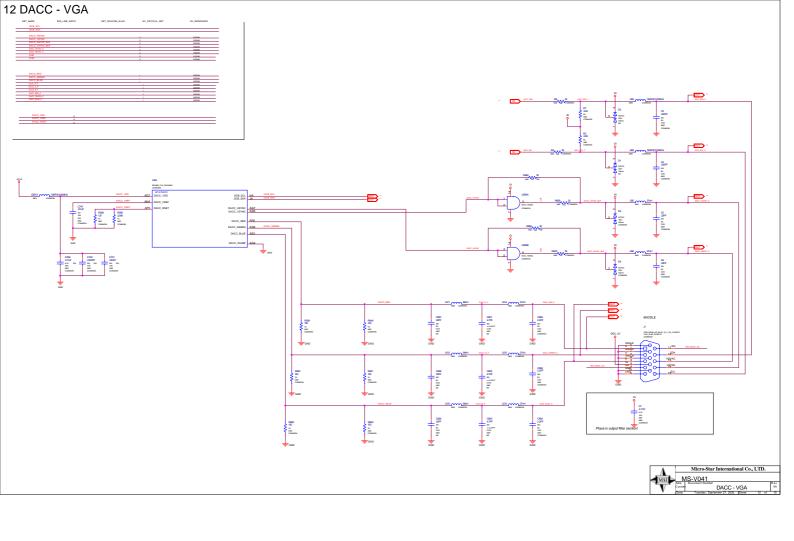


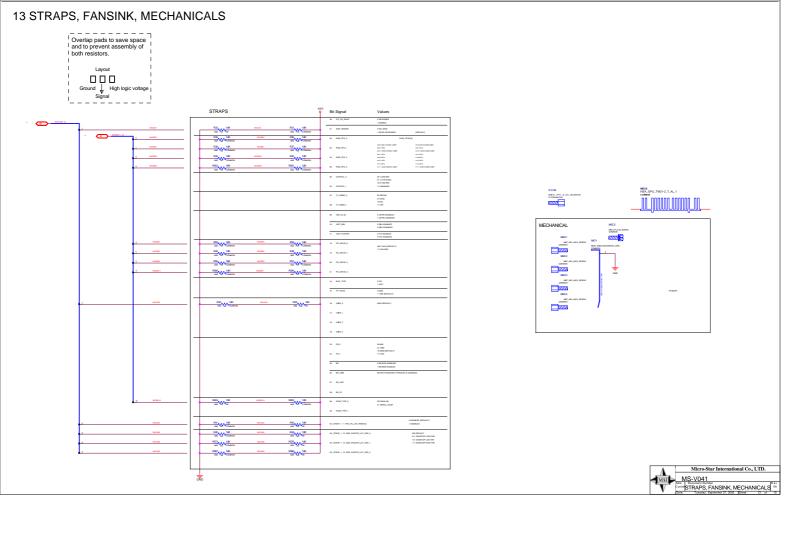


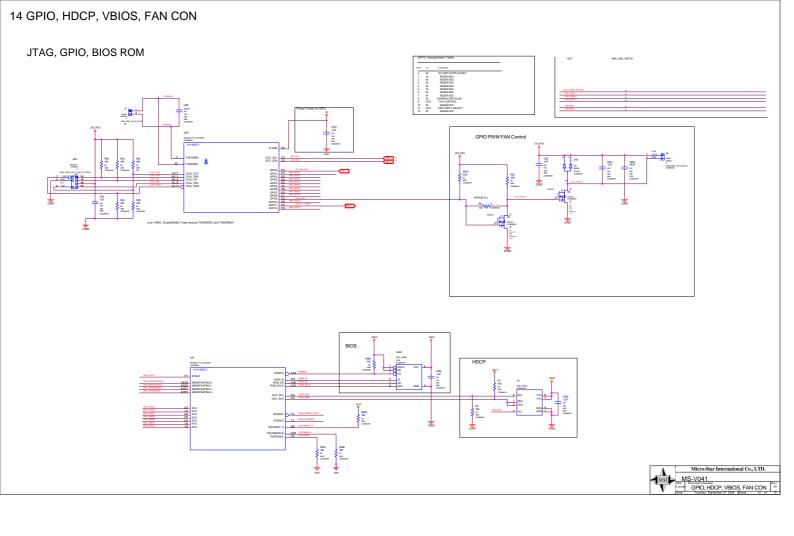












15 INTERNAL TMDS LINK A/B



