C116-B, NV31/NV34, 2M/4M/8M/DDR, 64MB, VIDEO OUT, VGA

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HISTORY:

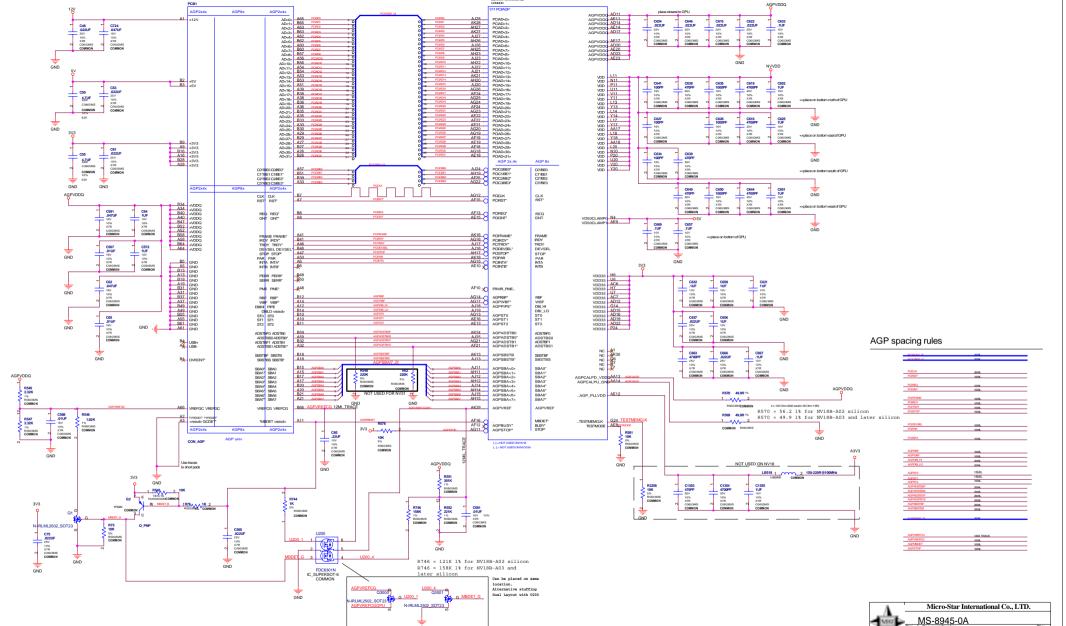
SUPORT NV18B

A. Change R534 from 2.43K_1% to 2.55K_1% (R11-2551T13-Y01), R533 change from 1.05K_1% to 1.18K_1% (R11-1181T13-Y01) to get FBVDDQ=2.528V. B. Add R591 (2.2 ohm 0603 5%) and C409 (2200p 0603) to reduce VRM noise on L1 pin1. 200. SHORT ALL MEMORY DAMPING RESISTOR AND CHANGE COLOR TO RED. 210. ADD FBAA12 TO SUPPORT 16M*16 MEMORY

1 change all 0402 footprint to 0603. a.removeC62,C590,C574,C566,C615,C628,C642,C631,C626,C648,C647,C645,C624,R609,R625 b.add 2 MOSFET for U200 daul-lay remove C603,C609,C618,C611,C612,C610,C604,C592, R768,R770,R772,R774 4.Page 4,5 a.removeCl112,C238,C241,C1115,C250,C1113, C1114, C228, C230, C1120, C1119, C247, C245, C244, C1121,C232,C1122 b.removeC1100,C247,C277,C1101,C1102,C286,C264, C1104, C1106, C280, C281, C299, C1107, C1108, C269,C270 c.remove memory data all damping(15ohm). d.Move bypass capacitors(C1161,C1162,C1163,C1164)of memory clock to close GPU(PAGE3). remove U13(BIOS(ALTERNATIVE)), TEMP Sensor 6.Page 7 change Y3 package to DIP 7.Page 8 remove R695,R694,R693,R7,R1,C788,C797,C819, C806, C787, C796, C805, C818, C786, C795,C817,C804,L510,L509,L508 8. Page 10 a.remove S_OUT1,AV_OUT1,C789,C809,C790, C810,C791,C812,L519,L520,L521 b.add 9pin-mini-din 9. Page 11 a.remove ISL6529 b.add mosfet and OP(LM358) for NVVDD, FBVDD, FBVDDQ c.change C41,C39 to DIP package 0728 change data[48:63) sequence ddr suport 16*16M

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AGP INTERFACE

