C116, NV18, 8MX16DDR, 128MB, Video IN/OUT, DVI-I, VGA HISTORY: Page Overview A00 1 18P112 OVERVIEW INITIAL VERSION X01 Remove R117, C87, C131, C143 for CKE 2 NV18 AGP Section and AGP connector Change C736, C743 to 18pf capacitors. 3 NV18 FRAMEBUFFER Interface Remove C1099 - additional Capacitor for AGPVREFcq 4 MEMORY 128MB, 8Mx16DDR Bits 0..31 Changed AGPVREFcg circuit. 5 MEMORY 128MB, 8Mx16DDR Bits 32..63 C116 Base on P112 to Modify. 6 MEMORY 128MB, 8Mx16DDR Bits 64..95 1. Change page 4~7 & page 18 Reference. 2. Change J1 foot print from silm type to stand D-SUB. 7 MEMORY 128MB, 8Mx16DDR Bits 96..127 Remove I1394 function. 4.Page 2, change voltage C75.1 & Q2.E from 3V3 to A3V3. 8 NV18 STRAPPING, I/O Interface 5. Page 8, Add Twin Bios for MSI function. 6. Page 16 , replace INTERNAL VIDEO CAPTURE CONNECTOR. BIOS, FAN CONTROL, THERMAL SENSOR 7.Page 17 ,ADD C874 & C1098 ALE CAP. (DUAL-LAY) 8. Page 18 , Add H/W Monitor founction for MSI . 9 NV18 DACA, DACB output, SYNC amplifier 9. Page 2 change Q508, Q509 footprint from SOT23 to SOT-6 U200 package. 00A change to version 100. PLL Section 1. DACA and DACB signal swap. 10 DACB MULTIPLEXER 8935 version OA. 11 PRIMARY DISPLAY Filter and Connector 1 change all 0402 footprint to 0603. 12 SECONDARY DISPLAY Filter and Connector 13 NV18 INTERNAL TMDS Power and Output a.removeC62,C590,C574,C566,C615,C628,C642,C631,C626,C648,C647,C645,C624,R609,R625 b.add 2 MOSFET for U200 daul-lay TMDS Backdrive circuit remove C603,C609,C618,C611,C612,C610,C604,C592, R768,R770,R772,R774 14 PRIMARY DISPLAY DVI-I option a.removeC1112,C238,C241,C1115,C250,C1113, Hotplug detection and Connector C1114,C228,C230,C1120,C1119,C247,C245,C244, C1121,C232,C1122 15 VIDEO CAPTURE Philips 7114 I/O b.removeC1100,C247,C277,C1101,C1102,C286,C264, C1104,C1106,C280,C281,C299,C1107,C1108, 16 VIDEO IN/OUT, Filter and Connector C269,C270 c.remove memory data all damping(15ohm). 17 VIDEO INTERNAL Input d.Move bypass capacitors(C1161,C1162,C1163,C1164)of memory clock to close GPU(PAGE3). Filter and Connector remove U13(BIOS(ALTERNATIVE)), TEMP Sensor 18 1394 TEXAS TSB41AB2, PowerRails, add R3000,R30001 for fan control 6.Page 7 I/O, Internal and external connector change Y3 package to DIP 7.Page 8 19 POWER SUPPLY remove R695,R694,R693,R7,R1,C788,C797,C819, C806, C787, C796, C805, C818, C786, NVVDD, MEM VDD, A3V3, TMDS3V3, TMDSPLL C795,C817,C804,L510,L509,L508 20 MECHANICS, and FBVDD 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 600-10116-000X-A00

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