## P75, NV17-Pro, 4MX32 DDR BGA, 64MB, RGB, dual DVI-I, VGA TV-out, video capture, stereo, AGP4X **6** HISTORY. PCI DEVICE ID 0X0 see strapping options. the common components stuff fixed 1117 linear regulator for analog 3.3V stuff fixed 1117 linear regulator for analog 3.3V sypass the linear regulator for analog 3.3V bypass the linear regulator for analog 3.3V bypass the linear regulator for analog 3.3V bypass the linear regulator for FBVDDQ (\$\inp \text{FBVDDQ} \text{PBVDDQ} \text{Set MERCORD} set the FBVDDD voltage (memory IO) set the FBVDDD voltage (memory IO) set the FBVDDD voltage (memory IO) bypass the vDD33 voltage for the GPU stuff the VDD33 voltage for the GPU stuff the VDD33 voltage for the GPU stuff the Semberch switcher stuff the VDD34 regulator SC1565 stuff the RF switcher stuff the VID setting resistors of the IR switcher stuff the VID setting resistors of the IR switcher stuff the VID setting resistors of the IR switcher stuff the VID setting resistors of the IR switcher stuff the VID setting resistors of the IR switcher stuff the video capture circuit with \$AA7114 stuff the video capture circuit with \$AA7114 stuff the video capture circuit with \$AA7114 stuff the protection diodes around DAC B stuff the protection diodes around DAC B stuff the sync buffer for DAC BDVII-A bypass the sync buffer for DAC BDVII-B stuff the DVI-I at DAC B (and the SII184) stuff the DVI-I at DAC B (and internal transmitter) stuff the better osynchronisation for DAC B stuff the switchable stereo synchronisation stuff the stereo circuit stuff the hot plug detection for DVII-A stuff SYLDIA Stuffing Options COMMON 1117 ADJ 1117 ADJ NO\_1117 NO\_117 NO Stuffing Options 01-X00: started with P75-A00 added the TV-out filter to the TV\_OUT\_CX assembly from the TV-out filter for Xtal and rom remove Lorentzage TV encoder add serial termination for the DVO port A01-X01: changed switcher input to 3.3V added 2.8V supply for IFPPLLVDD PAGE OVERVIEW 1 TOP (this) page 2 1. AGP interface, core decoupling 3 2.a NV17 Frame Buffer 4 2.b Frame Buffer 0..63 5 2.b Frame Buffer 64..127 6 3.a DAC\_A, DAC\_B, XTAL 7 3.c DAC\_A VGA 8 3.d DAC\_B VGA 9 3.e Int. Transmitter 10 5.b PH-Video Decoder 11 5.c TV out, Video Capture 12 6.a NVVDD Power Supply, VDD33 13 6.b Analog Power Supply, FBVDDQ 14 7 BIOS, Strapping A01-X04: fixed 0603 caps on 0402 footprints NO\_VGA-B-SYNCBL DVI-I-A DVII-I-B DVII-I-B STEREOSYNC1 STEREOSYNCS STEREOSYNCS STEREO A\_HPLUG B\_HPLUG VGA-TV-DVI VGA-TV VG



use the ran heatsink and sturn all associated componer stuff the thermal control circuit the memory stuffing strap the memory to 1111 (= 4Mx32, 1DQS per 32bit) strap the memory to 1101 (= 4Mx32, 1DQS per 8bit) stuff the NV17 Pro stuff the NV17 GL Pro



























