MS8882-0A HISTORY.

NOT: CB footprints for IC_SO14_150MIL and CON_DVI+LRA added end-fermination r-packs for address status-bus added end-fermination r-packs for address status-bus added end-fermination r-packs for packer only added vision capture, BIOS_Strapping added vision capture, BIOS_Strapping Charged ReDirectors

XIC2 added missing end termination for FBBAx changed stereo 3pin header added changed stereo 3pin header added change dools for TV-out and video capture changed topology for 2nd DDC (VGA / DVI) NO DRC CHECK

x04: changed C617 to SMD0603 changed U502 and U503 to TSSOP14 added CKE connection to the memories added D505 to the stereo section changed L501, L502, L503 to 0603 NO DRC CHECK

XDS:
changed U601 to SOT223-DPAK-D2PAK
added bracket
changed L600 to IND_CDR73
added VIP connector
NO DRC CHECK

VAGE.

NU Juni XISE deleted VIP changed TPs to HOLE_46C28P changed TPs to HOLE yield for component changes privace of memory termination NO DRC CHECK

XXX
added TV filter caps with reference to GND (C511,C517,C522)
separated RGB returns (NOTE: there will be a change for DAC2)
NO DRC CHECK

X09: added net names to unused panel signals (test points) NO DRC CHECK X10: added decoupling for DVO rail (CS29 and CS30) added GND connection to pin 1 of U700 added RS20 pull down for DVOCLKIN DRC CHECK DONE

X11: changed caps in power section to the or X12: data bus swappings

pped CLKs for U201 and U202 nected the RGB returns of VGA2 togethe

X14: connected the RGB returns of VGA2 togeth X15: update materials X16: X16: VICAS and VICAS AN

P70, NV17, 2M/4MX32 DDR, 32MB/64MB, Dual RGB, TV-In, VIVO (AV/S), Audio In/Out, AGP4X

PCI DEVICE ID 0X0=0X171 FOR NV17-128D.

change to target release A02 changed I2C assignments added I2C filter components for ViVo (L506,L507,R521-R524,D506,D507,C531,C532) X19: added R243-R250 for clock pull-up. X20-A02:

added R243-R250 for clock pull-up.
X2A-ND2
material changes.
The development of R509, R613 and C640
changed the RGB Bliet spology:
Geller R252-R30 No C00
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X22-A03 changed bulk decoupling in VGA section from 3.3V to A3.3V fixed DACIBLUE (net name was missing) X23-A03 changed VDB33 to A3.3V X24-A03 added CR43 for memory core decoupling

X25-A03: changed the long body VGA connector to a three pin type changed C425 connection for fan decoupling

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.c Frame Buffer 64...127 5 2.c Frame Buffer 64...127
6 3. Dual DAC, 1st VGA
7 4. Panel
8 5. TV-out, video capture
9 6. Power supply
10 7. BIOS, Strapping
11 8. Hareware Monitor

PAGE OVERVIEW

common components for all skus
no assembly at all
stuff the 27MHz xtal for the GPU
stuff the 14.318MHz xtal for the GPU
stuff the 14.318MHz xtal for the GPU
stuff video I/O
stuff video I/O
stuff video i/O
stuff the DVI-I option
stuff the DVI-I option
stuff the DVI-D option
stuff a second VGA
don't stuff any DVI
stuff the remination resistors for the DACB syncs
stuff the sync driver chip
bypass the sync driver for the DAC B syncs
stuff the switchable stereo sync circuit
sync stereo to DAC B
sync stereo to DAC A
stuff the protection diodes for syncs and I2C at DAC A
stuff the protection diodes for RGB at DAC A
stuff the protection diodes for RGB at DAC B
stuff the protection diodes for RGB at DAC B
stuff the protection diodes for RGB at DAC B
stuff the protection diodes for RGB at DAC B
stuff the protection diodes for RGB at DAC B
stuff the protection diodes at IR/UnisemI switcher
set FBVDDD voltage at IR/UnisemI switcher
set FBVDDD contage at IR/UnisemI switcher
connect FBVVDD with AGP3.3V
connect FBVVDD with RGP3.3V
connect FBVVDD with FBVDDQ
stuff the adjustable regulator for A3.3V Stuffing Options COMMON
NO STUFF
XTAL_27
XTAL_14
VIVO
VIDCAP
TV_OUT
DVI-1
DVI-1
DVI-1
2NDVGA
NO_DVI
2NDVGA
NO_DVI
SYNC_DRIVER2
SYNC_DRIVER2
NO_SYNC_DRIVER2
NO_SYNC_DRIVER
NO_SYNC_DRIVER
STEREOSYNCS
STEREOSYNCS
STEREOSYNCS STEREOSYNC2 STEREOSYNC1 STEREO SIZC_PROT RGB_PROT 2NDVGA_RGB_PROT 2NDSIZC_PROT SET_NVVDD_ISL SET_NVVDD_IRU SET_FBVDDQ_ISL SET_FBVDDQ_IRU NO_1117 ISL STEREOSYNC1 IRU FBVDD_3.3 FBVDD_2.5 1117_ADJ connect FBVVDD with FBVDDQ stuff the adjustable regulator for A3,3V 1117 PASSIVE_HS stuff the fixed regulator for A3,3V have passive heatsink

strap memory to 1111 stuff 64 bit memory - 2pcs stuff 128 bit memory - 4pcs stuff NV17-128D

MEM-64B

MEM-128B

NV17-128D

140-10070-0000-A03 602-10070-0000-A03































