EG8L;EG8L ST;G200A

01

STACK LAYERS
==========
L1: TOP
L2: GND
L3: IN1
L4: VCC
L5: IN2
L6: IN3
L7: GND1
L8: BOT

Power - Source Control

- CPU CORE Power PAGE 32.
- 1.25V/ 2.5V DDR Power PAGE 33.
- 5V / 3.3V System Power PAGE 34.
- AC/BATT CONNECTOR
  BATT CHARGER PAGE 35.

Northwood CPU
(Micro-FCPGA)
PAGE 2. 3.

HA[3.. 31] — FSB — HD[0.. 63]

North - Bridge & VGA Controller
ATI
R200M
PAGE 4. 5. 6. 7.

Embedded Clock Generator PAGE 7.

DDR-SODIMM1 PAGE 8. 9.
DDR-SODIMM2 PAGE 8. 9.
200MHZ DDR

MK1417S PAGE 7.
14.318MHz
27MHz
14.318MHz

Panel Connector PAGE 27.
LVDS
PCICLK_INT

CY2308ZC-1H PAGE 7.
PCLK_PCM
PCLK_1394
PCLKMPCI
PCLK_LAN

CRT PAGE 30.

PCI BUS Routing Table
==========
1394 -- AD23, INTC#, REQ#2, GNT2#
LAN -- AD24, INTD#, REQ#3, GNT3#
MINIPCI -- AD22, INTC#, INTD#, REQ0#, GNT0#
PCMCIA -- AD21, INTA#, INTB#, REQ1#, GNT1#

33MHZ, 3.3V PCI

South - Bridge
ALi
M1535+
PAGE 10. 11. 12. 13.

IDE - HDD PAGE 24. — ATA 66/100 MHz
CD-ROM PAGE 24. — ATA 66/100 MHz
AC-Link

CARDBUS
ENE CB710
PAGE 14. 15. 16.
CardBus Conn

IEEE1394
TI-TPA43AB21
PAGE 17.
1394 Conn

MINI-PCI
Wireless LAN
Modem/LAN
PAGE 19.

LAN
RTL8100BL
PAGE 18.
RJ45 Conn

AMC Controller PAGE 20.
DAA PAGE 22.
AMP TI TPA0132 PAGE 21.
Audio Jacks
MIC Jacks
RJ11 Conn

ISA BUS

KBC(87570)
X-Bus
PAGE 25.
PS/2

2 Rear USB Ports PAGE 28.

FDD PAGE 11.
IR PAGE 29.
Serial Parallel PAGE 30.
Touchpad/ PS2 PAGE 30.
Keyboard PAGE 25.
BIOS PAGE 25.

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