

EG8L;EG8L ST;G200A 01

STACK LAYERS

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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.

FSB

North - Bridge & VGA Controller

ATI
R200M

PAGE 4. 5. 6. 7.

Embedded
Clock
Generator
PAGE 7.

HA[3.. 31]

HD[0.. 63]

Panel Connector
PAGE 27.

LVDS
PCICLK_INT

CY2308ZC-1H
PAGE 7.

PCLK_PCM

PCLK_1394

PCLK_MPCI

PCLK_LAN

DDR-SODIMM1
PAGE 8. 9.

200MHZ DDR

DDR-SODIMM2
PAGE 8. 9.

14. 318MHz

MK1417S
PAGE 7.

27MHz

14. 318MHz

IDE - HDD
PAGE 24.

ATA 66/100 MHz

CD-ROM
PAGE 24.

ATA 66/100 MHz

AC-Link

South - Bridge

ALi
M1535+

PAGE 10. 11. 12. 13.

CARDBUS
ENE CB710
PAGE 14. 15. 16.

CardBus
Conn

IEEE1394
TI-TPA43AB21
PAGE 17.

1394
Conn

MINI-PCI
Wireless LAN
Modem/LAN
PAGE 19.

RJ45
Conn

LAN
RTL8100BL
PAGE 18.

RJ45
Conn

AMC
Controller
PAGE 20.

AMP
TI TPA0132
PAGE 21.

Audio
Jacks

DAA
PAGE 22.

MIC
Jacks

RJ11
Conn

FDD
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IR
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Serial
Parallel
PAGE 30.

Touchpad/
PS2
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Keyboard
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BIOS
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ISA BUS

KBC(87570)
X-Bus
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PS/2

Keyboard
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BIOS
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2 Rear USB Ports
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DAEG8LMB8D8 Rev D

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