

1025C Repair Guide

1025C 1.2G

2011_0617_1111

CLOCK GEN

9LPRS432AGLFT

LCD Board

LCD

TTL

LVDS 2 TTL

LVDS

CPU

CedarView-M
FCBGA437

1066MHz

Channel A

DDR3 SODIMM 204P

CRT

RGB

HDMI

DPO

ITP-XDP

HDMI AUDIO

x2

DMI

SOUTH BRIDGE

TIGERPOINT

USB SATA PCIE

AZALIA

AZALIA CODEC

Realtek ALC269

LINE OUT

Speaker

EXT MIC

INT MIC

POWER

Charger

VCORE

+VGFX

VCCP

+1.5V_BDM

+1.5V_VTTDDR

+1.5VS

+1.8VS

Power System

+1.05V&+3V

THERMAL SENSOR

Debug Conn

EC

ENE KBC3310

LPC

SPI ROM

Internal KB

Touch Pad

USB Port 1 (MB)

Charger(Optional)

USB Port x2 (IO)

(Optional)

SD/MMC
Card Reader

Card Reader

AU6437

Camera

SATA HDD

**SATA
Connector**

SATA0

USB_P0

USB_P4/5

USB_P3

USB_P2

PCIE_1

PCIE_2

USB_P1

PCIE_4

PCIE_3

USB_P7

USB_P6

USB3.0 BRIDGE

USB 3.0Port X1 (IO)

USB 2.0Port X1 (IO)

(USB3.0 Optional)

MINI PCI-E CONN

WIFI / BT
combo

LAN

Giga AR8151-B

10/100 AR8152-B

RJ-45

MINI PCI-E CONN

**3G CARD/
WiMax/WIFI**

USIM CARD

<Variant Name>

ASUS

Title : Block Diagram

ASUSTek Computer INC.

Engineer: C. A. Lai

Size
Custom

Project Name

1025C

Rev

1.00

Date: Friday, June 17, 2011

Sheet

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