

SAMSUNG PROPRIETARY
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CY28346 CLOCK
4 PAGE

HOST CLK : 100 MHZ

CPU <P4-BANIAS>
479 MICRO FCBGA
5/6 PAGE

PSB 400MHZ

TFT_LCD 14.1"
20 PAGE

LOW VOLTAGE DIFFERENTIAL SIGNAL

CRT
19 PAGE

TV
IS ON THE DC/DC B'D

TV ENCODER
CH 7011
19 PAGE

GMCH-M
Montara GM 1.2 V
INTEL 82852/82855 GM
FCBGA
8/9/10/11 PAGE

200 / 266 MHZ
DOUBLE DATA RATE

12/13/14 PAGE
SYSTEM MEMORY
2 EA SODIMM
MAXIMUM SIZE
1GBYTE PER ONE SLOT

USB 0 , 1

GENERAL PORT
28 PAGE

USB 2

BLUETOOTH
OPTION

MODULE IS LOCATED ON THE DC/DC B'D

HUB I / F
1.8V 8BIT 66MHZ

AC97 LINK

27 PAGE
RJ - 11

MDC
28 PAGE

29 PAGE
INNER SPEAKER

AUDIO CODEC

24 PAGE
HEAD PHONE

SIGMATEL

38 PAGE
EXTERNAL MIC

STAC9752
24 PAGE

DC/DC B'D
SPDIF OUTPUT

AC97 LINK

IDE 0

IDE 1

ICH4 - M
82801 DBM 1.5V
421 FCBGA
15/16/17 PAGE

LOW PIN COUNT

25 PAGE
HDD

IDE 0

25 PAGE
DVD-CD/RW
COMBO

IDE 1

PCI BUS

CARDBUS
CONTROLLER
RICOH R5C593
21/22 PAGE

MINI PCI
23 PAGE

CARDBUS
21/22 PAGE

WLAN

1394 <PORT 0>
21/22 PAGE

WLAN &
BLUETOOTH
COMBO

MEMORY STICK
21/22 PAGE

27 PAGE
RJ - 45

KINNERETH
INTEL 82562 EZ
27 PAGE

FWH
SST49LF
18 PAGE

MICOM
HITACHI'S
HD64F2160
26 PAGE

29 PAGE
KEYBOARD

29 PAGE
TOUCHPAD

DRAW	JIN, HS	DATE	3/4/2003	TITLE	AQUILA C MAIN	SAMSUNG ELECTRONICS
CHECK	CHU, KS	DEV. STEP	PR			PART NO. BA41-00353A
APPROVAL	KIM, DW	REV	1.0		OPERATION BLOCK DIAGM	
MODULE CODE	undefined	LAST EDIT	March 4, 2003 1:03:04 PM	PAGE	2	OF 40