

AHA - 1542B

- o 1 Synchronous Transfer Negotiation Enable
- o 2 Diagnostics (used only at Adaptec)
- o 3 SCSI Parity disable

- o 4 0 X 0 X 0 X 0 X
- o 5 0 0 X X 0 0 X X
- o 6 0 0 0 0 X X X X

7 6 5 4 3 2 1 0
SCSI Address I.D. (SCSI disks
should be set for ID 0 and 1)

- o 7 0 X 0 X
- x 8 0 0 X X

7 6 5 0
DMA Channel Select
(see also Jumper J9)

- o 9 0 X 0 X 0 X
- x 10 0 0 X X 0 0
- o 11 0 0 0 0 X X

9 10 11 12 14 15
Interrupt Channel Select
(see also Jumper J9)

- o 12 0 X 0 X
 - o 13 0 0 X X
- 5.0 5.7 6.7 8.0
DMA Transfer Speed
in Mbytes/sec

J6 - BIOS/Auto Sense Configure

Pin 1 2 3 4 5
X 0 0 0 0
Use pin 2 when upgrading the
BIOS to support > 1 Gig.

- 1 - BIOS Enable
- 2,3,4 - Not used.
- 5 - Auto Sense disable

J7 - Address Selection

- o 1 Floppy Secondary Address select.
(AHA only)

- X 2 0 X 0 X 0 X
- o 3 0 0 X X 0 0
- o 4 0 0 0 0 X X

334 330 234 230 134 130

AT UO Port Address. Select in Hexadecimal.

- o 5 0 X 0 x
- o 6 0 0 X X

0 100 200 300

BIOS Wait State Select in nanoseconds

- o 7 0 X 0 X
- o 8 0 0 X X

DC000 CC000 D8000 C8000

BIOS Base Address in Hexadecimal

J8 - Floppy Disk Selection (AHA - 1542B only)

Pin 1 2 3 4 5 6 7 8
X X 0 X 0 X 0 0

- 1 - Floppy Enable
- 2,3 - DMA Request 2 or 3 select
- 4,5 - DMA ACK 2 or 3 select
- 6,7 - INT Request 6 or 10 select
- 8 - Dual Speed enable

J9 - DMA/Interrupt Selection

- o 1 DMA Request 0 Select
- X 2 DMA Request 5 Select
- o 3 DMA Request 6 Select
- o 4 DMA Request 7 Select

- o 5 DMA ACK 0 Select
- X 6 DMA ACK 5 Select
- o 7 DMA ACK 6 Select
- o 8 DMA ACK 7 Select

- o 9 INT Request 9 Select
- o 10 INT Request 10 Select
- X 11 INT Request 11 Select
- o 12 INT Request 12 Select
- o 13 INT Request 14 Select
- o 14 INT Request 15 Select