ADAPTEC, INC.
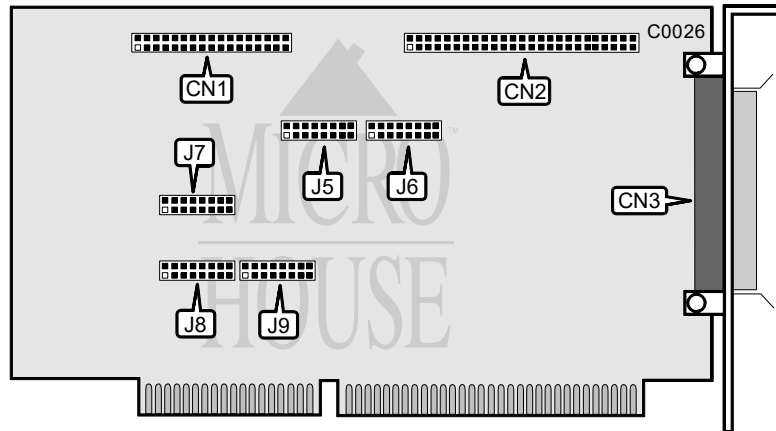# AHA-1520, AHA-1522

Q2/92

Data
 bus: 16-bit, ISA
Size: Half-length, full-height card
Hard drives supported: Up to seven SCSI devices
Floppy drives supported: Two 360KB, 720KB, 1.2MB or 1.44MB

CONNECTIONS	
Function	Location
34-pin data cable connector-floppy drive	CN1
50-pin SCSI cable connector-internal	CN2
50-pin SCSI cable connector-external	CN3

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Data transfer in DMA disabled	J5/jumper 1	open
Data transfer in DMA enabled	J5/jumper 1	closed
í Boot enabled (Intercept INT19 call)	J5/jumper 2	closed
Boot disabled (INT19 normal)	J5/jumper 2	open
í Synchronous negotiation enabled	J5/jumper 5	closed
Synchronous negotiation disabled	J5/jumper 5	open
í Disconnect by target / INT15 enabled	J5/jumper 6	closed
Disconnect by target / INT15 disabled	J5/jumper 6	open
í Factory configured - do not alter	J5/jumpers 7 & 8	open

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í SCSI parity check enabled	J6/jumper 8	open
SCSI parity check disabled	J6/jumper 8	closed
í Floppy drive enabled	J7/jumper 1	closed
Floppy drive disabled	J7/jumper 1	open
í Floppy drive Interrupt is IRQ6	J7/jumper 6	closed
Floppy drive Interrupt is IRQ10	J7/jumper 7	closed
í Floppy drive-dual speed disabled	J7/jumper 8	open
Floppy drive-dual speed enabled	J7/jumper 8	closed
í I/O port address 340h	J9/jumper 5	open
I/O port address 140h	J9/jumper 5	closed

SCSI ADDRESS			
SCSI ID	J6/jumper 1	J6/jumper 2	J6/jumper 3
0	open	open	open
1	closed	open	open
2	open	closed	open
3	closed	closed	open
4	open	open	closed
5	closed	open	closed
6	open	closed	closed
í 7	closed	closed	closed

DMA CHANNEL						
DMA	J6/6	J6/7	J8/1 & 5	J8/2 & 6	J8/3 & 7	J8/4 & 8
7	closed	closed	closed	open	open	open
6	open	closed	open	closed	open	open
5	closed	open	open	open	closed	open
í 0	open	open	open	open	open	closed

INTERRUPT REQUEST						
IRQ	J6/4	J6/5	J9/1	J9/2	J9/3	J9/4
IRQ9	open	open	open	open	open	closed
IRQ10	closed	open	open	open	closed	open
í IRQ11	open	closed	open	closed	open	open
IRQ12	closed	closed	closed	open	open	open

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BIOS ADDRESS			
Address	J9/jumper 6	J9/jumper 7	J9/jumper 8
í DC000h	closed	closed	closed
C8000h	open	open	closed
CC000h	open	closed	closed
D8000h	closed	open	closed
Disabled	N/A	N/A	open

FLOPPY DRIVE DMA - J7				
	DRQ		DACK	
DMA	Jumper 2	Jumper 3	Jumper 4	Jumper 5
í DMA Channel 2	closed	open	closed	open
DMA Channel 3	open	closed	open	closed

MESSAGE SELECT		
Msg #0 - Adaptec Header Msg #1 - Jumper config. info. Msg #2 - SCꜱꞁ device info. Msg #3 - Boot Progress info. Msg #4 - Error messages		
Message	JP5/jumper 3	JP5/jumper 4
í Msg #0 and #4	open	open
Msg #0, #3 and #4	open	closed
All messages displayed	closed	open
Msg #4 only	closed	closed