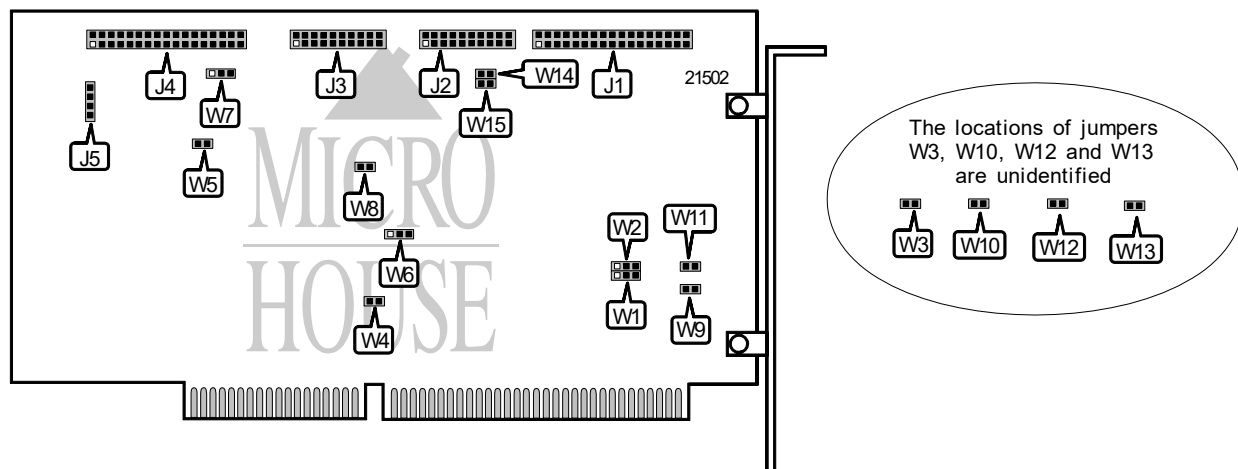# WESTERN DIGITAL CORPORATION
W D 1 0 0 7 A - W X 2

Card Type — Hard drive controller card
Hard Drives supported — Two ESDI drives
Floppy drives supported — Two 360KB, 720KB, 1.2MB, or 1.44MB
Data Bus — 16-bit ISA
Card Size — Three-quarter length, full-height card

The locations of jumpers W3, W10, W12 and W13 are unidentified

CONNECTIONS			
Function	Location	Function	Location
34-pin control cable connector-hard drive	J1	34-pin data cable connector-floppy drive	J4
20-pin data cable connector-drive 0	J2	4-pin connector-drive active LED	J5
20-pin data cable connector-drive 1	J3		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured (BIOS enabled)	W3	Closed
í Factory configured (floppy drive controller)	W4	Open
í Factory configured (single spindle speed select)	W5	Open
í Floppy drive port address is 3F0-3F7h	W6	Pins 2 & 3 closed
Floppy drive port address is 370-377h	W6	Pins 1 & 2 closed
í Factory configured (floppy drive select)	W7	Pins 1 & 2 closed
í WD1007 emulation mode	W8	Open
WD1005 emulation mode	W8	Closed
í Factory configured (chassis ground disconnected)	W9	Open
í Digital input register unlatched	W10	Open
Digital input register latched	W10	Closed
í Factory configured (floppy change enable with FDC option)	W11	Closed
í Factory configured (secondary address select)	W12	Open
í Floppy controller enabled (diskette drive controller enabled in etch)	W13	Uncut
í Sector translation enabled	W14	Open
Sector translation disabled	W14	Closed
í Factory configured (ECC length is 4 bytes)	W15	Open

WESTERN DIGITAL CORPORATION
W D 1 0 0 7 A - W X 2

BIOS ADDRESS SELECTION		
Address	W1	W2
í C8000-C9FFFh	Pins 2 & 3 closed	Pins 2 & 3 closed
CA000-CBFFFh	Pins 2 & 3 closed	Pins 1 & 2 closed
CC000-CDFFFh	Pins 1 & 2 closed	Pins 2 & 3 closed
CE000-CFFFFh	Pins 1 & 2 closed	Pins 1 & 2 closed

MISCELLANEOUS TECHNICAL INFORMATION
The WD1007A supports 1:1 interleave drives with up to 2048 cylinders and 16 heads.