WESTERN DIGITAL CORPORATION
WD1009V-SE1, WD1009V-SE2

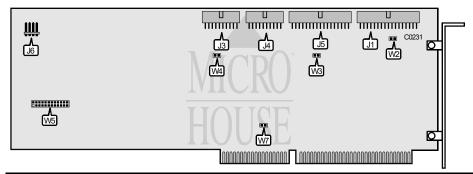Q3/92

Data bus:	16-bit, PC/AT
Size:	Full-length, full-height card
Hard drives supported:	Two ESDI drives with up to a 24Mbps (MHz) transfer rate (Three
may	be supported with a software driver and a 3-plug control cable)
Floppy drives supported:	WD1009V-SE1: None
	WD1009V-SE2: Two 360KB, 720KB, 1.2MB, 1.44MB drives

CONNECTIONS	
Function	Location
34-pin control cable connector-floppy drive (WD1009V-SE2 only)	J1
20-pin data cable connector-drive 1	J3
20-pin data cable connector-drive 0	J4
34-pin control cable connector-hard drive	J5
4-pin connector-drive active LED	J6

INTERRUPT REQUEST		
IRQ	W5/jumper 8	W5/jumper 9
í Interrupt request is IRQ14	open	open
Interrupt request is IRQ12	closed	open
Interrupt request is IRQ15	open	closed
Interrupt request is IRQ11	closed	closed

MISCELLANEOUS TECHNICAL NOTES
This controller has a built in low-level format program. To enter the program run the DEBUG utility supplied with DOS and at the prompt enter: G=C800:5.

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Supports end-twisted floppy drive cable*	W2	pins 2 & 3 closed
Supports center-twisted floppy drive cable *	W2	pins 1 & 2 closed
í Supports AT-Type 1.44MB floppy drives*	W3	pins 1 & 2 closed
Supports PS/2-Type 1.44MB floppy drives*	W3	pins 2 & 3 closed
í Card always enabled	W4	open
Card enabled by the EISA host	W4	closed
í Sector sparing disabled	W5/jumper 1	open
Sector sparing enabled	W5/jumper 1	closed
í Translation mode enabled	W5/jumper 2	open
Translation mode disabled	W5/jumper 2	closed
í Sector translation forced to 35/53 SPT	W5/jumper 3	open
Sector translation set for physical mode	W5/jumper 3	closed
í Four-Byte ECC	W5/jumper 4	open
Seven-byte ECC	W5/jumper 4	closed
í Look-ahead cache enabled	W5/jumper 5	open
Look-ahead cache disabled	W5/jumper 5	closed
í BIOS address is C800h	W5/jumper 6	open
BIOS address is CC00h	W5/jumper 6	closed
í BIOS enabled	W5/jumper 7	open
BIOS disabled	W5/jumper 7	closed
í DMA channel is 6	W5/jumper 10	open
DMA channel is 7	W5/jumper 10	closed
í Hard drive address is 1F0-1F7h	W5/jumper 11	open
Hard drive address is 170-177h	W5/jumper 11	closed
í Hard drive enabled	W5/jumper 12	open
Hard drive disabled	W5/jumper 12	closed
í Floppy drive enabled *	W6/jumper 1	open
Floppy drive disabled *	W6/jumper 1	closed
í Floppy DMA channel is 2 *	W6/jumper 2	open
Floppy DMA channel is 3 *	W6/jumper 2	closed
í Floppy port address is 3F0-3F7h *	W6/jumper 3	open
Floppy port address is 370-377h *	W6/jumper 3	closed
í Single speed floppy supported *	W6/jumper 4	open
Dual speed floppy supported *	W6/jumper 4	closed
í EISA Auto configuration enabled	W7	closed
EISA Auto configuration disabled	W7	open
Note: * These settings only valid on the WD1009V-SE2.		