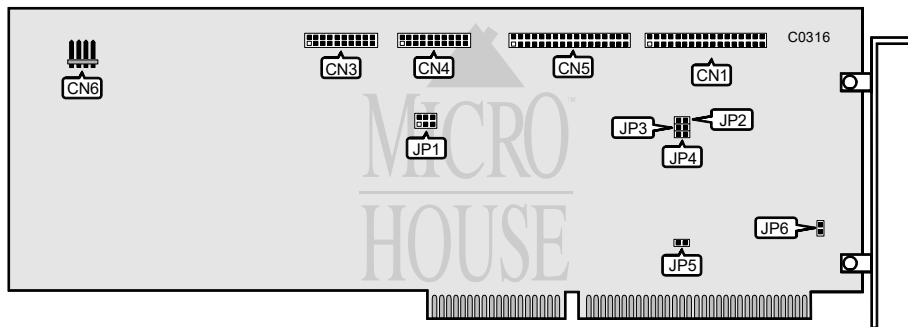


**WESTERN DIGITAL CORPORATION**  
**WD1003V-SR1/SR2, WD1006V-SR1/SR2**  
*Replaces WD1003-RAH/RA2 & WD1006-RAH/RA2*  
*respectively*

Data bus:	16-bit, ISA
Size:	Full-length, full-height card
Hard drive supported:	Two RLL ST506/412 drives
Floppy drives supported:	Two 360KB, 720KB, 1.2MB, or 1.44MB drives
Maximum heads/cyl.:	16 heads 2048 cylinders
Options	Feature F301R has an optional ROM BIOS with shadow Ram which enables controller to interface with all types of ESDI drives bypassing the systems ROM BIOS drive type tables. Feature F300R does not include ROM BIOS option and system ROM BIOS must contain appropriate drive parameters.



CONNECTIONS	
Function	Location
34-pin data cable connector-floppy drive	CN1
20-pin data cable connector-drive 1	CN3
20-pin data cable connector-drive 0	CN4
34-pin control cable connector-hard drive	CN5
4-pin connector-drive active LED	CN6

*Continued on next page . . .*

**WESTERN DIGITAL CORPORATION**  
**WD1003V-SR1/SR2, WD1006V-SR1/SR2**  
*Replaces WD1003-RAH/RA2 & WD1006-RAH/RA2*  
*respectively*

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Hard drives in latched mode	JP1/jumper 1	open
Hard drives in non-latched mode	JP1/jumper 1	closed
í 4 byte ECC	JP1/jumper 2	open
7 byte ECC	JP1/jumper 2	closed
í Caching enabled	JP1/jumper 3	open
Caching disabled	JP1/jumper 3	closed
í BIOS enabled	JP2	open
BIOS disabled	JP2	closed
í Hard drive port address is 1F0-1F7h	JP3	open
Hard drive port address is 170-177h	JP3	closed
í Floppy drive port address is 3F0-3F7h	JP4	open
Floppy drive port address is 370-377h	JP4	closed
í Single speed floppy drives supported	JP5	open
Dual speed floppy drives supported	JP5	closed
í Bracket ground option disabled	JP6	open
Bracket to board ground connected	JP6	closed

MISCELLANEOUS TECHNICAL NOTES
Not all jumpers are installed. You must solder those that are not present. Do not combine single- and dual-speed floppy drives on the same controller card. 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=CC00:5.