# WESTERN DIGITAL CORPORATION
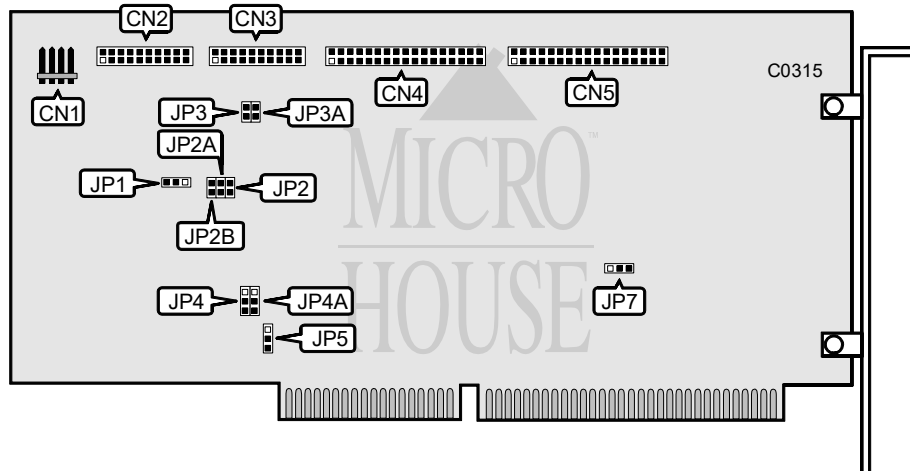# WD1003A-RA2

Q3/92

Data bus:                        16-bit, ISA
Size:                            Full-length, full-height card
Hard drive supported:            Two MFM ST506/412 drives
Floppy drives supported:         Two 360KB, 720KB, 1.2MB, or 1.44MB drives
Maximum heads/cyl.:              16 heads and 2048 cylinders



| CONNECTIONS | |
|---|---|
| Function | Location |
| 4-pin connector-drive active LED | CN1 |
| 20-pin data cable connector-drive 1 | CN2 |
| 20-pin data cable connector-drive 0 | CN3 |
| 34-pin control cable connector-hard drive | CN4 |
| 34-pin data cable connector-floppy drive | CN5 |

*Continued on next page . . .*

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| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Location | Setting |
| í  WD11C00C-22 in socket U16 | JP1 | pins 1 & 2 closed |
| WD11C00-22 in socket U8 & JP5 pins 1 & 2 closed | JP1 | pins 2 & 3 closed |
| í  Logical translation for drive 0 disabled | JP2 | open |
| Logical translation for drive 0 enabled | JP2 | closed |
| í  Logical translation for drive 1 disabled | JP2A | open |
| Logical translation for drive 1 enabled | JP2A | closed |
| í  Not used | JP2B | open |
| í  Factory configured - do not alter | JP3 & JP3A | closed |
| í  Hard drive port address is 1F0-1F7h | JP4 | pins 2 & 3 closed |
| Hard drive port address is 170-177h | JP4 | pins 1 & 2 closed |
| í  Floppy drive port address is 3F0-3F7h | JP4A | pins 2 & 3 closed |
| Floppy drive port address is 370-377 | JP4A | pins 1 & 2 closed |
| í  8 head hard drive or RWC (hard-wired) | JP5 | pins 1 & 2 closed |
| 16 head hard drive supported | JP5 | pins 2 & 3 open |
| í  Supports 300 or 360 RPM floppy disk drives | JP7 | pins 2 & 3 closed |
| Supports dual speed spindle floppy drives | JP7 | pins 1 & 2 closed |