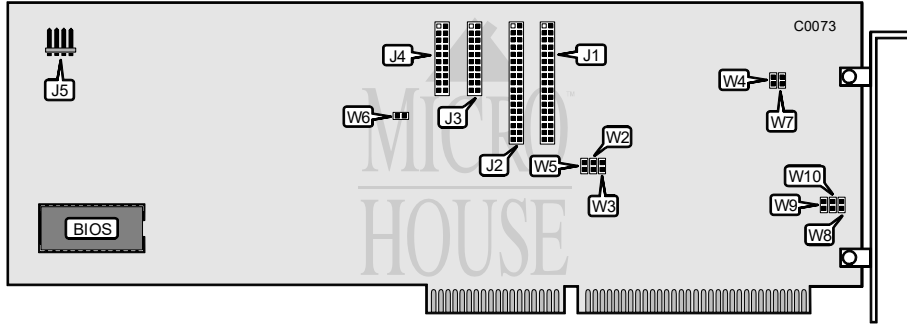


DATA TECHNOLOGY CORPORATION

DTC5287CR, DTC5287I, DTC7287

Q2/92

Data bus: 16-bit, ISA
 Size: Full-length, full-height card
 Hard drives supported: Two RLL ST506/412 drives with 17, 32, or 60 sector mapping
 Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB
 Sector interleave: DTC5287CR: 1:1
 DTC5287I: 2:1
 DTC7287: 1:1



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

Continued on next page . . .

DATA TECHNOLOGY CORPORATION
DTC5287i, DTC7287

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Floppy drive data transfer rate is 500KHz	W4	open
Floppy drive data transfer rate is 250KHz	W4	closed
í Hardware drive select mode (drive number is driven directly to the interface)	W5	closed
Firmware drive select mode (drive number is intercepted by controller firmware)	W5	open
í Auto-deselect enabled	W6	closed
Auto-deselect disabled	W6	open
í Floppy drive precompensation scaled by data rate: 500KHz=125ns, 300KHz=208ns, 250KHz=250ns	W7	open
Floppy drive precompensation is 125ns	W7	closed
í Factory configured - do not alter	W8	closed
í BIOS address is C800h	W9	open
BIOS address is D800h	W9	closed
í BIOS enabled	W10	closed
BIOS disabled	W10	open

HARD DRIVE PORT ADDRESS		
Address	W2	W3
í Port addresses are 1F0-1F7 3F2-3F7h	open	open
Port addresses are 170-177 372-377h	closed	closed