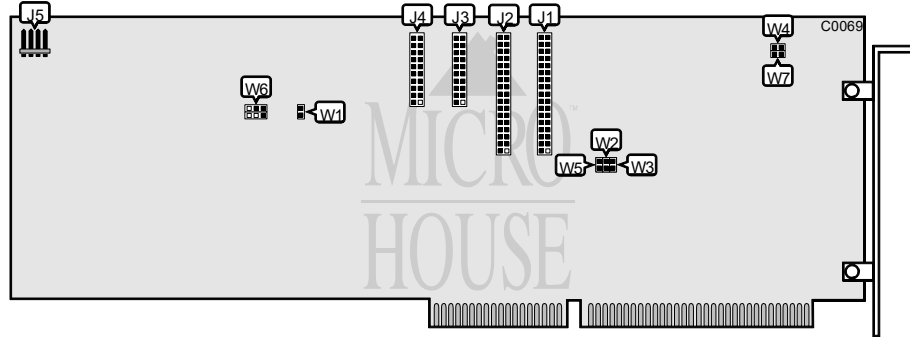


DATA TECHNOLOGY CORPORATION

DTC5280CL, DTC5280CRA, DTC5280CRZ

Q2/94

Data bus: 16-bit, ISA
 Size: Full-length, full-height card
 Hard drives supported: Two MFM ST506 drives
 Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB
 Sector interleave: 2:1



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

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DATA TECHNOLOGY CORPORATION
DTC5280CL, DTC5280CRA, DTC5280CRZ

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Auto-deselect disabled	W1	open
Auto-deselect enabled	W1	closed
í Hard drive port addresses are 1F0-1F7 3F0-3F7h	W2 & W3	open
Hard drive port addresses are 170-177 370-377h	W2 & W3	closed
í Floppy drive data transfer rate is 500KHz	W4	open
Floppy drive data transfer rate is 250KHz	W4	closed
í Floppy drive precompensation is scaled by data rate: 500KHz=125ns, 300KHz=208ns, 250KHz=250ns	W7	open
Floppy drive precompensation is 125ns	W7	closed

DRIVE SELECT MODE		
Function	W5	W6/jumper 1 & W6/jumper 2
í Firmware D.S. mode - Drv. # driven to interface	closed	pins 2 & 3 closed
Firmware D.S. mode - Drv. # intercepted by controller	open	pins 1 & 2 closed

MISCELLANEOUS TECHNICAL NOTES
This controller has no onboard user accessible programs.