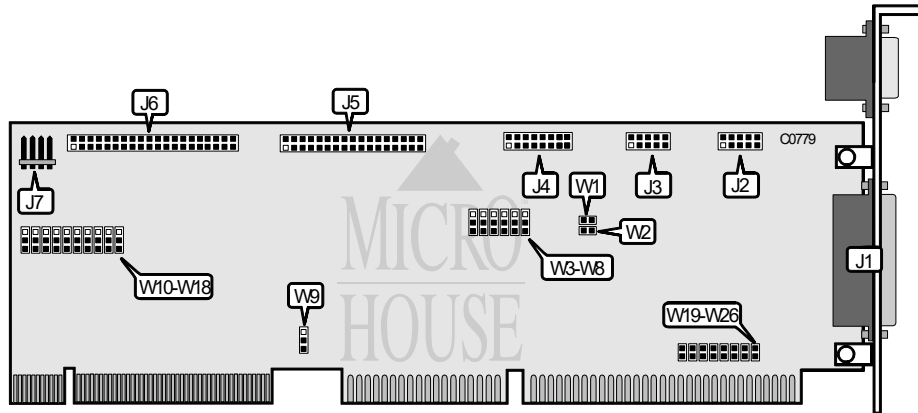# DATA TECHNOLOGY CORPORATION
DTC2278VL (900085-89A)

Q3/95

Data bus: 32-bit VL-Bus
Size: Three/quarter-length, half-height card
Hard drive supported: Two IDE(AT) interface drives
Floppy drives supported: Two 360KB, 720KB, 1.2MB, 1.44MB drives

CONNECTIONS	
Function	Location
25-pin parallel port	J1
10-pin serial port 2	J2
10-pin serial port 1	J3
16-pin game port	J4
34-pin cable connector - floppy drive	J5
40-pin connector - IDE(AT) interface	J6
4-pin connector - drive active LED	J7

Continued on next page. . .

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IDE DATA TRANSFER RATE (FOR >33Mhz VL-BUS SYSTEMS)				
Rate (MBps)	W14	W15	W16	W17	W18
3.3	pins 1 & 2	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 2 & 3
3.6	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 2 & 3	pins 2 & 3
3.8	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 2 & 3	pins 2 & 3
4.2	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 2 & 3
4.5	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 2 & 3
5.0	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 1 & 2	pins 2 & 3
5.6	pins 1 & 2	pins 1 & 2	pins 2 & 3	pins 1 & 2	pins 2 & 3
6.3	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 2 & 3
7.2	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 2 & 3
Note: Pins designated are in the closed position. If the transfer rate of the drive you are using in your sytem does not exactly match one of the rates listed above, select the rate which is closest to but below the actual rate of the drive.					

IDE DATA TRANSFER RATE (FOR <=33Mhz VL-BUS SYSTEM)				
Rate (MBps)	W14	W15	W16	W17	W18
í 3.9	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 1 & 2
3.3	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 1 & 2
3.5	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 1 & 2
3.7	pins 1 & 2	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 1 & 2
4.2	pins 1 & 2	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 1 & 2
4.4	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 2 & 3	pins 1 & 2
4.8	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 2 & 3	pins 1 & 2
5.1	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 1 & 2
5.6	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 1 & 2
6.1	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 1 & 2	pins 1 & 2
6.7	pins 1 &2	pins 1 & 2	pins 2 & 3	pins 1 & 2	pins 1 & 2
7.4	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 1 & 2
8.3	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 1 & 2
Note: Pins designated are in the closed position. If the transfer rate of the drive you are using in your sytem does not exactly match one of the rates listed above, select the rate which is closest to but below the actual rate of the drive.					

PRIMARY SERIAL PORT INTERRUPT SELECTION			
IRQ	W19	W20	W21
í IRQ4	closed	open	open
IRQ3	open	closed	open
IRQ5	open	open	closed

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SECONDARY SERIAL PORT INTERRUPT SELECTION			
IRQ	W22	W23	W24
í IRQ3	closed	open	open
IRQ4	open	closed	open
IRQ5	open	open	closed

PARALLEL PORT INERRUPT SELECTION		
IRQ	W25	W26
í IRQ7	closed	open
IRQ5	open	closed