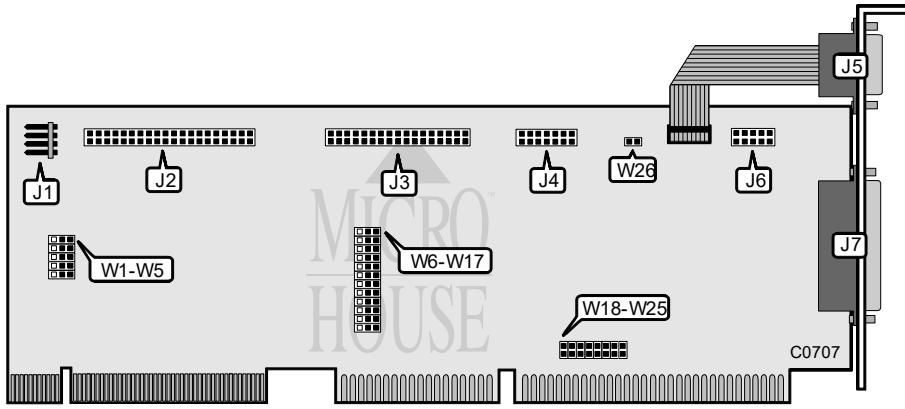


DATA TECHNOLOGY CORPORATION

DTC2278VL (900085-89B/D)

Q1/95

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 or 1.44MB drives



CONNECTIONS	
Function	Location
4-pin connector - drive active LED	J1
40-pin IDE (AT) interface connector - port 1	J2
34-pin control cabled connector - floppy drive	J3
Game port	J4
9-pin serial port 2 - external	J5
10-pin serial port 1 - internal	J6
25-pin parallel port	J7

USER CONFIGURABLE SETTINGS			
Function	Location	Setting	
<input type="checkbox"/> IDE IRQ14 enabled	W6	pins 1 & 2 closed	
<input type="checkbox"/> IDE IRQ15 enabled	W6	pins 2 & 3 closed	
<input type="checkbox"/> Parallel port is output only	W17	pins 1 & 2 closed	
<input type="checkbox"/> Parallel port is input/output	W17	pins 2 & 3 closed	
<input type="checkbox"/> Game port enabled	W26	closed	
<input type="checkbox"/> Game port disabled	W26	open	

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IDE DATA TRANSFER RATES (FOR 33MHZ VL-BUS PC)					
Rate	W1	W2	W3	W4	W5
3.9MB/s	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 1 & 2
3.3MB/s	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 1 & 2
3.5MB/s	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 1 & 2
3.7MB/s	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 2 & 3	pins 1 & 2
4.2MB/s	pins 1 & 2	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 1 & 2
4.4MB/s	pins 1 & 2	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 1 & 2
4.8MB/s	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 2 & 3	pins 1 & 2
5.1MB/s	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 1 & 2
5.6MB/s	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 1 & 2
6.1MB/s	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 1 & 2	pins 1 & 2
6.7MB/s	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 1 & 2
7.4MB/s	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 1 & 2
8.3MB/s	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 1 & 2

Note: The pins indicated should be closed.

IDE DATA TRANSFER RATES (FOR NON-33MHZ VL-BUS PC)					
Rate	W1	W2	W3	W4	W5
3.3MB/s	pins 1 & 2	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 2 & 3
3.6MB/s	pins 1 & 2	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 2 & 3
3.8MB/s	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 2 & 3	pins 2 & 3
4.2MB/s	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 2 & 3
4.5MB/s	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 2 & 3
5.0MB/s	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 1 & 2	pins 2 & 3
5.6MB/s	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 2 & 3
6.3MB/s	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 2 & 3
7.2MB/s	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 2 & 3

Note: The pins indicated should be closed.

FLOPPY DRIVE CONFIGURATION		
Address	W7	W10
3F0h	pins 1 & 3 closed	pins 1 & 2 closed
370h	pins 1 & 2 closed	pins 1 & 2 closed
disabled	N/A	pins 1 & 3 closed

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IDE CONFIGURATION		
Address	W8	W9
1F0h	pins : & 3 closed	pins : & 2 closed
170h	pins : & 2 closed	pins : & 2 closed
disabled	N/A	pins : & 3 closed

SERIAL PORT 1 CONFIGURATION		
COM/Address	W11	W12
COM1/3F8h	pins : & 2 closed	pins : & 3 closed
COM3/3E8h	pins : & 3 closed	pins : & 2 closed
COM4/2E8h	pins : & 2 closed	pins : & 2 closed
disabled	pins : & 3 closed	pins : & 3 closed

SERIAL PORT 1 INTERRUPT SELECT			
IRQ	W18	W19	W20
IRQ4	closed	open	open
IRQ3	open	closed	open
IRQ5	open	open	closed
Disabled	open	open	open

SERIAL PORT 2 CONFIGURATION		
COM/Address	W13	W14
COM2/2F8h	pins : & 2 closed	pins : & 3 closed
COM3/3E8h	pins : & 2 closed	pins : & 2 closed
COM4/2E8h	pins : & 3 closed	pins : & 2 closed
disabled	pins : & 3 closed	pins : & 3 closed

SERIAL PORT 2 INTERRUPT SELECT			
IRQ	W21	W22	W23
IRQ3	closed	open	open
IRQ4	open	closed	open
IRQ5	open	open	closed
Disabled	open	open	open

PARALLEL PORT CONFIGURATION		
LPT/Address	W15	W16
LPT1/378h	pins : & 3 closed	pins : & 2 closed
LPT2/278h	pins : & 2 closed	pins : & 3 closed
LPT3/3BCh	pins : & 2 closed	pins : & 2 closed
disabled	pins : & 3 closed	pins : & 3 closed

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PARALLEL PORT INTERRUPT SELECT		
IRQ	W24	W25
i IRQ7	losed	open
IRQ5	open	losed
isabled	open	open