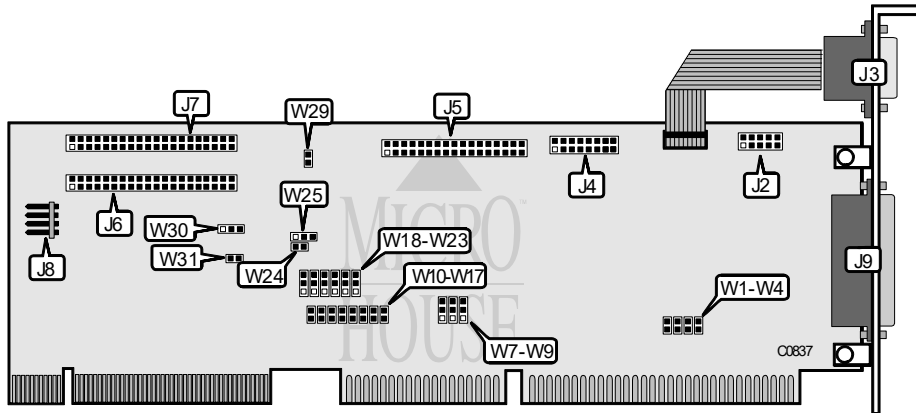


# DATA TECHNOLOGY CORPORATION DTC2278EB

Q3/95

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



CONNECTIONS	
Function	Location
10-pin serial port 2 - internal	J2
9-pin serial port 1 - external	J3
16-pin game port	J4
34-pin cable connector - floppy drive	J5
40-pin connector - secondary IDE(AT) interface	J6
40-pin connector - primary IDE(AT) interface	J7
4-pin connector - drive active LED	J8
25-pin parallel port - external	J9

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
i Game port enabled	W29	closed
Game port disabled	W29	open
i Floppy controller enabled	W30/pins 1 & 2	closed
Floppy controller disabled	W30/pins 2 & 3	closed

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BIOS ADDRESS SELECTION			
Address	W7	W8	W24
í C8000-CBFFFh	pins 2 & 3 closed	pins 2 & 3 closed	closed
CC000-CFFFFh	pins 2 & 3 closed	pins 1 & 2 closed	closed
D8000-DBFFFh	pins 1 & 2 closed	pins 2 & 3 closed	closed
DC000-DFFFFh	pins 1 & 2 closed	pins 1 & 2 closed	closed
Disabled	N/A	N/A	open

PARALLEL PORT ADDRESS SELECTION		
LPT	W18	W19
í LPT1 (378h)	pins 2 & 3 closed	pins 1 & 2 closed
LPT2 (278h)	pins 1 & 2 closed	pins 1 & 2 closed
LPT3 (3BCh)	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 1 ADDRESS SELECTION		
COM	W22	W23
í COM1 (3F8h)	pins 1 & 2 closed	pins 1 & 2 closed
COM2 (2F8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM3 (3E8h)	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 2 ADDRESS SELECTION		
COM	W20	W21
í COM2 (2F8h)	pins 1 & 2 closed	pins 1 & 2 closed
COM1 (3F8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM4 (2E8h)	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 1 INTERRUPT SELECTION			
IRQ	W15	W16	W17
í IRQ4	open	open	closed
IRQ3	open	closed	open
IRQ5	closed	open	open

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SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	W12	W13	W14
i IRQ3	open	open	closed
IRQ4	open	closed	open
IRQ5	closed	open	open

PARALLEL PORT INTERRUPT SELECTION		
IRQ	W10	W11
i IRQ7	open	closed
IRQ5	closed	open

PARALLEL PORT MODE CONFIGURATION			
Mode	W9	W25	W31
Printer (uni-directional)	pins 2 & 3 closed	pins 2 & 3 closed	open
EPP & bi-directional	pins 1 & 2 closed	pins 2 & 3 closed	open
ECP & bi-directional	pins 2 & 3 closed	pins 1 & 2 closed	closed
EPP & ECP	pins 1 & 2 closed	pins 1 & 2 closed	closed

Note: You must select a DMA channel when using ECP mode.

DMA SELECTION				
Channel	W1	W2	W3	W4
1	closed	open	closed	open
3	open	closed	open	closed