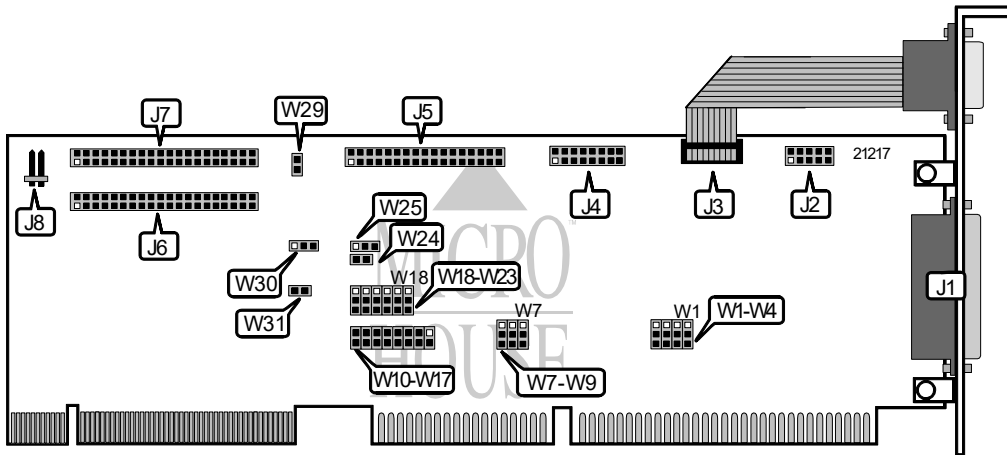


# DATA TECHNOLOGY CORPORATION

## DTC2278EB (400523-89A)

Card Type	Hard drive controller card
Hard drives supported	Four IDE(AT) interface drives
Floppy drives supported	Two 360KB, 720KB, 1.2MB, 1.44MB drives
Data-bus	32-bit VESA Local Bus
Size	Full-length, half-height card



CONNECTIONS			
Function	Label	Function	Label
25-pin parallel port - external	J1	34-pin control cable connector - floppy drive	J5
10-pin serial port 2 - internal	J2	40-pin IDE(AT) secondary interface connector	J6
9-pin serial port 1 - external	J3	40-pin IDE(AT) primary interface connector	J7
16-pin game port - internal	J4	Drive active LED	J8

USER CONFIGURABLE CONNECTIONS			
Function	Location	Setting	
Game port enabled	W29	Closed	
Game port disabled	W29	Open	
Floppy drive interface enabled	W30	Pins 1 & 2 closed	
Floppy drive interface disabled	W30	Pins 2 & 3 closed	

SERIAL PORT 1 ADDRESS SELECTION			
Setting	W22	W23	
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			
Setting	W20	W21	
COM1 (3F8h)	Pins 1 & 2 closed	Pins 2 & 3 closed	
COM2 (2F8h)	Pins 1 & 2 closed	Pins 1 & 2 closed	
COM4 (2E8h)	Pins 2 & 3 closed	Pins 1 & 2 closed	
Disabled	Pins 2 & 3 closed	Pins 2 & 3 closed	

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PARALLEL PORT ADDRESS SELECTION			
Setting	W18		W19
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 INTERRUPT SELECTION			
IRQ	W15	W16	W17
IRQ3	Open	Closed	Open
IRQ4	Open	Open	Closed
IRQ5	Closed	Open	Open

SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	W12	W13	W14
IRQ3	Open	Open	Closed
IRQ4	Open	Closed	Open
IRQ5	Closed	Open	Open

PARALLEL PORT INTERRUPT SELECTION		
IRQ	W10	W11
IRQ5	Closed	Open
IRQ7	Open	Closed

BIOS ADDRESS SELECTION			
Address	W7	W8	W24
C8000h-CBFFFh	Pins 2 & 3 closed	Pins 2 & 3 closed	Closed
CC000h-CFFFFh	Pins 2 & 3 closed	Pins 1 & 2 closed	Closed
D8000h-DBFFFh	Pins 1 & 2 closed	Pins 2 & 3 closed	Closed
DC000h-DFFFFh	Pins 1 & 2 closed	Pins 1 & 2 closed	Closed
Disabled	Open	Open	Open

DMA CHANNEL SELECTION				
Channel	W1	W2	W3	W4
1	Closed	Open	Closed	Open
3	Open	Closed	Open	Closed

PARALLEL PORT MODE SELECTION			
Setting	W9	W25	W31
Bidirectional /ECP	Pins 2 & 3 closed	Pins 1 & 2 closed	Closed
Bidirectional /EPP	Pins 1 & 2 closed	Pins 2 & 3 closed	Open
Uni-directional	Pins 2 & 3 closed	Pins 2 & 3 closed	Open
EPP & ECP	Pins 1 & 2 closed	Pins 1 & 2 closed	Closed