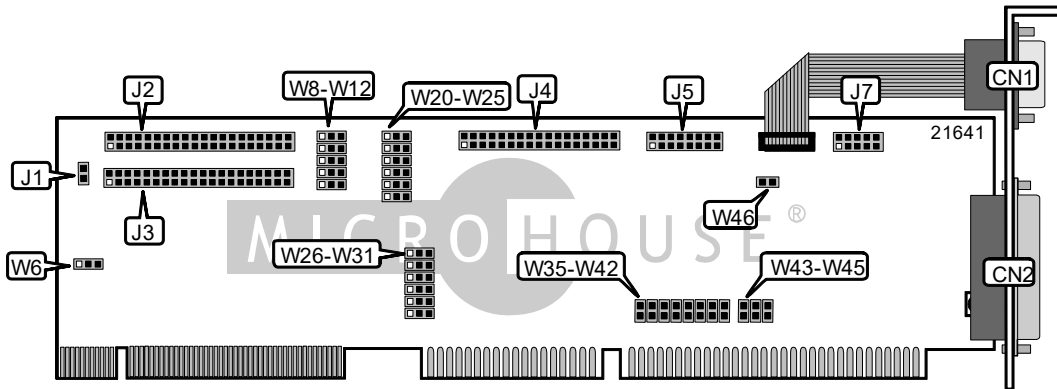


DATA TECHNOLOGY CORPORATION

DTC2278E (400518-89W)

Card Type	Hard drive controller card
Hard Drives supported	Four EIDE drives
Floppy drives supported	Two 360KB, 720KB, 1.2MB, or 1.44MB drives
Data Bus	32-bit VESA Local Bus
Card Size	Full-length, half-height card



CONNECTIONS			
Function	Location	Function	Location
9-pin serial port 1 - external	CN1	40-pin secondary IDE(AT) connector	J3
25-pin parallel port - external	CN2	34-pin cable connector - floppy drive	J4
2-pin connector - drive active LED	J1	16-pin game port	J5
40-pin primary IDE(AT) connector	J2	10-pin serial port 2 - internal	J7

USER CONFIGURABLE SETTINGS			
Function	Label	Position	
í Floppy drive order is normal (A:, B:)	W26	Pins 1 & 2 closed	
Floppy drive order is reversed (B:, A:)	W26	Pins 2 & 3 closed	
í Floppy drive address 3F0-3F7	W27	Pins 2 & 3 closed	
Floppy drive address 370-377	W27	Pins 1 & 2 closed	
í Floppy drive interface enabled	W28	Pins 1 & 2 closed	
Floppy drive interface disabled	W28	Pins 2 & 3 closed	
í Game port enabled	W46	Closed	
Game port disabled	W46	Open	

PARALLEL PORT ADDRESS SELECTION			
Setting	W24		W25
í LPT1 (378h)	Pins 2 & 3 closed		Pins 1 & 2 closed
LPT2 (278h)	Pins 1 & 2 closed		Pins 2 & 3 closed
LPT3 (3BCh)	Pins 1 & 2 closed		Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed		Pins 2 & 3 closed

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DTC2278E (400518-89W)

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SERIAL PORT 1 ADDRESS SELECTION			
Setting	W20		W21
í COM1 (3F8h)	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	W22		W23
í COM2 (2F8h)	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	W35	W36	W37
í IRQ4	Closed	Open	Open
IRQ3	Open	Closed	Open
IRQ5	Open	Open	Closed

SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	W38	W39	W40
í IRQ3	Closed	Open	Open
IRQ4	Open	Closed	Open
IRQ5	Open	Open	Closed

PARALLEL PORT INTERRUPT SELECTION			
IRQ	W41		W42
í IRQ7	Closed		Open
IRQ5	Open		Closed

PARALLEL PORT MODE SELECTION			
Setting	W29		W30
Printer mode	Pins 1 & 2 closed		Pins 1 & 2 closed
EPP/SPP	Pins 2 & 3 closed		Pins 1 & 2 closed
EPP/ECP	Pins 1 & 2 closed		Pins 2 & 3 closed
EXT2FDD	Pins 2 & 3 closed		Pins 2 & 3 closed

ECP DMA CHANNEL SELECTION			
Channel	Label		Position
1	W31		Pins 1 & 2 closed
3	W31		Pins 2 & 3 closed

PRINTER OUTPUT DIRECTION			
Setting	W43	W44	W45
Output	Closed	Open	Open
Bi-directional	Open	Open	Open
DACK1 (DRQ1)	Open	Closed	Open
DACK3 (DRQ3)	Open	Open	Closed