DATA TECHNOLOGY CORPORATION
DTC2278S

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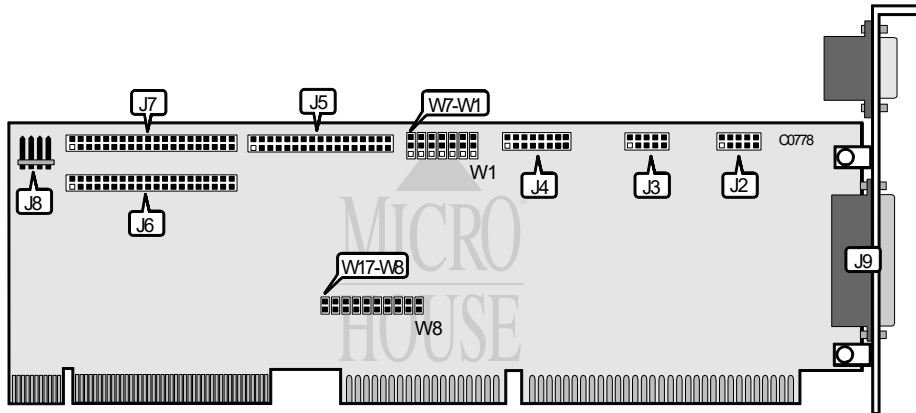
CONNECTIONS	
Function	Location
10-pin serial port 2 - internal	J2
9-pin serial port 1 - external (via ribbon cable)	J3
16-pin game port	J4
34-pin cable connector - floppy drive	J5
40-pin connector - secondary IDE(AT) interface	J6
40-pin connector - primary IDE(AT) interface	J7
4-pin connector - drive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

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Floppy drive interface enabled	W7	pins 2 & 3 closed
Floppy drive interface disabled	W7	pins 1 & 2 closed
í Game port enabled	W8	closed
Game port disabled	W8	open
í Parallel port is uni-directional	W17	closed
Parallel port is bi-directional	W17	open

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PARALLEL PORT ADDRESS SELECTION		
LPT	W1	W2
í LPT1 (378h)	pins 2 & 3 closed	pins 1 & 2 closed
LPT2 (278h)	pins 1 & 2 closed	pins 2 & 3 closed
LPT3 (3BCh)	pins 2 & 3 closed	pins 2 & 3 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

SERIAL PORT 1 ADDRESS SELECTION		
COM	W5	W6
í COM1 (3F8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM3 (3E8h)	pins 2 & 3 closed	pins 1 & 2 closed
COM4 (2E8h)	pins 2 & 3 closed	pins 2 & 3 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

SERIAL PORT 2 ADDRESS SELECTION		
COM	W3	W4
í COM2 (2F8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM3 (3E8h)	pins 2 & 3 closed	pins 2 & 3 closed
COM4 (2E8h)	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

PARALLEL PORT INTERRUPT		
IRQ	W9	W10
í IRQ7	open	closed
IRQ5	closed	open

SERIAL PORT 1 INTERRUPT SELECT			
IRQ	W14	W15	W16
í IRQ4	open	open	closed
IRQ3	open	closed	open
IRQ5	closed	open	open

SERIAL PORT 2 INTERRUPT SELECT			
IRQ	W11	W12	W13
í IRQ3	open	open	closed
IRQ4	open	closed	open
IRQ5	closed	open	open