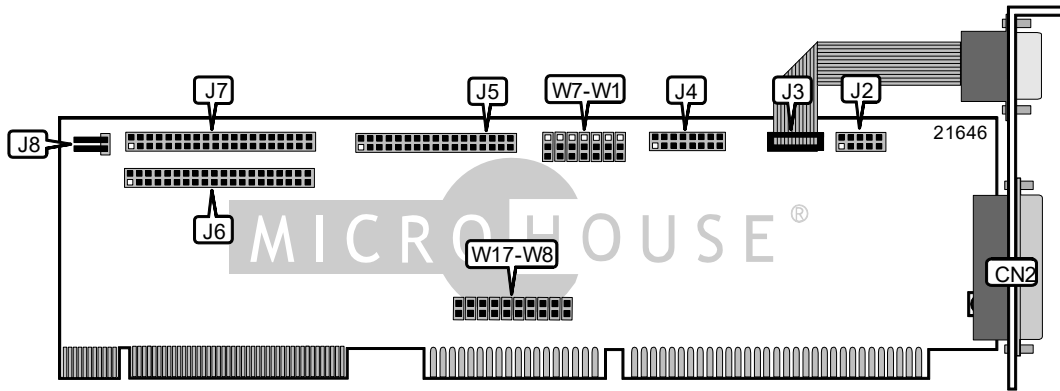


# DATA TECHNOLOGY CORPORATION

## DTC-2278S/D (900140-89B)

|                         |   |
|-------------------------|---|
| Card Type               | Hard drive controller card                |
| Hard Drives supported   | Two IDE (AT) 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      | 34-pin cable connector - floppy drive | J5       |
| 25-pin parallel port - external | CN2      | 40-pin secondary IDE(AT) connector    | J6       |
| 10-pin serial port 2 - internal | J2       | 40-pin primary IDE(AT) connector      | J7       |
| 16-pin game port                | J4       | 4-pin connector - drive active LED    | J8       |

| USER CONFIGURABLE SETTINGS         |       |                   |  |
|------------------------------------|-------|-------------------|--|
| Function                           | Label | Position          |  |
| 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              |  |

| PARALLEL PORT ADDRESS SELECTION |                   |  |                   |
|---------------------------------|-------------------|--|-------------------|
| Setting                         | 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 |                   |  |                   |
|---------------------------------|-------------------|--|-------------------|
| Setting                         | 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 |

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| SERIAL PORT 2 ADDRESS SELECTION |                   |                   |
|---------------------------------|-------------------|-------------------|
| Setting                         | 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 |

| SERIAL PORT 1 INTERRUPT SELECTION |        |        |        |
|-----------------------------------|--------|--------|--------|
| IRQ                               | W14    | W15    | W16    |
| IRQ3                              | Open   | Closed | Open   |
| í IRQ4                            | Open   | Open   | Closed |
| IRQ5                              | Closed | Open   | Open   |

| SERIAL PORT 2 INTERRUPT SELECTION |        |        |        |
|-----------------------------------|--------|--------|--------|
| IRQ                               | W11    | W12    | W13    |
| í IRQ3                            | Open   | Open   | Closed |
| IRQ4                              | Open   | Closed | Open   |
| IRQ5                              | Closed | Open   | Open   |

| PARALLEL PORT INTERRUPT SELECTION |        |        |
|-----------------------------------|--------|--------|
| IRQ                               | W9     | W10    |
| IRQ5                              | Closed | Open   |
| í IRQ7                            | Open   | Closed |