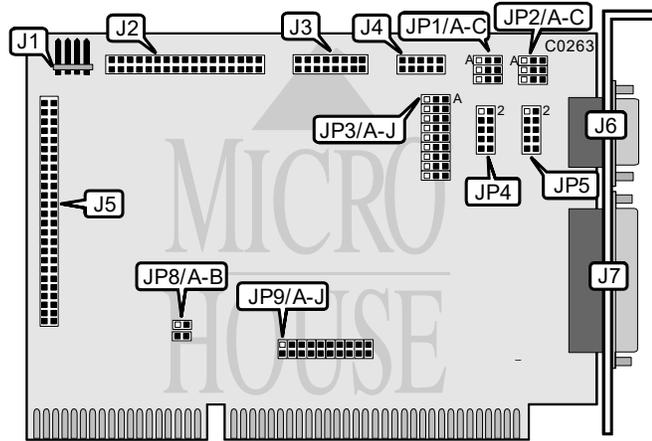# DIAMOND FLOWER INC.
# MIO-400KF, MIO-400KF REV. C

Q3/96

Data bus:                        16-bit, ISA
Size:                            Half-length, full-height card
Hard drives supported:           Two IDE (AT) Interface drives
Floppy drives supported:         Two 360KB, 720KB, 1.2MB, or 1.44MB drives



| CONNECTIONS | |
|---|---|
| Function | Location |
| 4-pin connector - drive active LED | J1 |
| 34-pin data cable connector - floppy drive | J2 |
| 16-pin game port | J3 |
| 10-pin serial port 2 - internal | J4 |
| 40-pin IDE (AT) connector | J5 |
| 9-pin serial port 1 - external | J6 |
| 25-pin parallel port - external | J7 |

| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Location | Setting |
| í   Hard drive enabled | JP3/H | Pins 2 & 3 closed |
| Hard drive disabled | JP3/H | Pins 1 & 2 closed |
| í   Game port enabled | JP3/I | Pins 2 & 3 closed |
| Game port disabled | JP3/I | Pins 1 & 2 closed |

*Continued on next page . . .*

## DIAMOND FLOWER INC.
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| USER CONFIGURABLE SETTINGS (CONTINUED) | | |
|---|---|---|
| Function | Location | Setting |
| í Serial Port 2 is DTE (Data Terminal Equipment) | JP4 | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10 |
| Serial Port 2 is DCE (Data Comm. Equipment) | JP4 | 1 & 3, 2 & 4, 5 & 7, 6 & 8, 9 & 10 |
| í Serial Port 1 is DTE | JP5 | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10 |
| Serial Port 1 is DCE | JP5 | 1 & 3, 2 & 4, 5 & 7, 6 & 8, 9 & 10 |
| Note: Designated pins should be in closed position | | |

| SERIAL PORT 1 SIGNAL STATUS | | |
|---|---|---|
| Function | Location | Setting |
| í DCD (Data Carrier Detect) - Normal | JP1/A | Pins 1 & 2 closed |
| DCD (Data Carrier Detect) - Forced True | JP1/A | Pins 2 & 3 closed |
| í DSR (Data Set Ready) - Normal | JP1/B | Pins 1 & 2 closed |
| DSR (Data Set Ready) - Forced True | JP1/B | Pins 2 & 3 closed |
| í CTS (Clear To Send) - Normal | JP1/C | Pins 1 & 2 closed |
| CTS (Clear To Send) - Forced True | JP1/C | Pins 2 & 3 closed |

| SERIAL PORT 2 SIGNAL STATUS | | |
|---|---|---|
| Function | Location | Setting |
| í DCD (Data Carrier Detect) - Normal | JP2/A | Pins 1 & 2 closed |
| DCD (Data Carrier Detect) - Forced True | JP2/A | Pins 2 & 3 closed |
| í DSR (Data Set Ready) - Normal | JP2/B | Pins 1 & 2 closed |
| DSR (Data Set Ready) - Forced True | JP2/B | Pins 2 & 3 closed |
| í CTS (Clear To Send) - Normal | JP2/C | Pins 1 & 2 closed |
| CTS (Clear To Send) - Forced True | JP2/C | Pins 2 & 3 closed |

| PARALLEL PORT CONFIGURATION | | |
|---|---|---|
| LPT | JP3/A | JP3/B |
| LPT1 (3BCh) | Pins 1 & 2 closed | Pins 2 & 3 closed |
| í LPT2 (378h) | Pins 2 & 3 closed | Pins 2 & 3 closed |
| LPT3 (278h) | Pins 2 & 3 closed | Pins 1 & 2 closed |
| Disabled | Pins 1 & 2 closed | Pins 1 & 2 closed |

# DIAMOND FLOWER INC.
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| SERIAL PORT(S) CONFIGURATION | | | | | | |
|---|---|---|---|---|---|---|
| Serial Port 1 | Serial Port 2 | JP3/C | JP3/D | JP3/E | JP8/A | JP8/B |
| í  COM1 | COM2 | 2 & 3 | 2 & 3 | 2 & 3 | Closed | Closed |
| COM2 | COM3 | 2 & 3 | 2 & 3 | 1 & 2 | Closed | Open |
| COM1 | COM4 | 2 & 3 | 2 & 3 | 2 & 3 | Open | Closed |
| COM3 | COM4 | 2 & 3 | 2 & 3 | 2 & 3 | Open | Open |
| COM1 | Disabled | 2 & 3 | 1 & 2 | 2 & 3 | Closed | Closed |
| Disabled | COM2 | 1 & 2 | 2 & 3 | 2 & 3 | Closed | Closed |
| Disabled | Disabled | 1 & 2 | 1 & 2 | 1 & 2 | Closed | Closed |
| Note:  Pins designated should be in the closed position. | | | | | | |

| FLOPPY DRIVE CONFIGURATION | | |
|---|---|---|
| Drive | JP3/F | JP3/G |
| í  Floppy drive enabled | Pins 2 & 3 closed | Pins 2 & 3 closed |
| Floppy drive disabled | Pins 1 & 2 closed | Pins 2 & 3 closed |

| SERIAL PORT 1 IRQ SELECTION | | | | |
|---|---|---|---|---|
| IRQ | JP9/A | JP9/B | JP9/C | JP9/D |
| IRQ2 | Closed | Open | Open | Open |
| í IRQ3 | Open | Open | Open | Closed |
| IRQ4 | Open | Open | Closed | Open |
| IRQ5 | Open | Closed | Open | Open |

| SERIAL PORT 2 IRQ SELECTION | | | | |
|---|---|---|---|---|
| IRQ | JP9/E | JP9/F | JP9/G | JP9/H |
| IRQ2 | Closed | Open | Open | Open |
| IRQ3 | Open | Open | Open | Closed |
| í  IRQ4 | Open | Open | Closed | Open |
| IRQ5 | Open | Closed | Open | Open |

| PARALLEL PORT IRQ | | |
|---|---|---|
| IRQ | JP9/I | JP9/J |
| í  IRQ7 | Open | Closed |
| IRQ5 | Closed | Open |