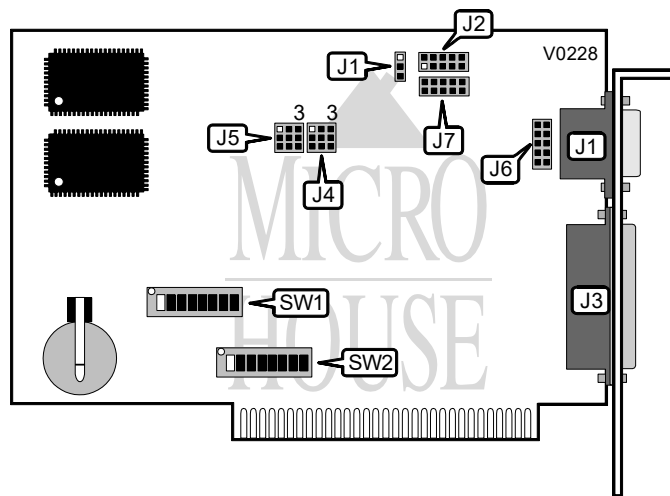


**DIAMOND FLOWER, INC.**  
**DIAMOND I/O**

|                           |                                 |
|---------------------------|---------------------------------|
| <b>Card Type</b>          | Multi I/O                       |
| <b>Chipset/Controller</b> | National Semiconductor          |
| <b>I/O Options</b>        | Parallel port, serial ports (2) |
| <b>Maximum DRAM</b>       | N/A                             |



| CONNECTIONS   |          |               |          |
|---------------|----------|---------------|----------|
| Purpose :     | Location | Purpose :     | Location |
| Serial port 1 | J1       | Parallel port | J3       |
| Serial port 2 | J2       |               |          |

| SERIAL PORT CONFIGURATION |          |              |              |
|---------------------------|----------|--------------|--------------|
| Port 1 (J1)               | Setting  | SW1 switch 3 | SW1 switch 6 |
| COM1                      | Enabled  | On           | Off          |
| COM3                      | Disabled | Off          | On           |

| SERIAL PORT CONFIGURATION |          |              |              |
|---------------------------|----------|--------------|--------------|
| Port 2 (J2)               | Setting  | SW1 switch 4 | SW1 switch 7 |
| COM2                      | Enabled  | On           | Off          |
| COM4                      | Disabled | Off          | On           |

Continued on next page . . .

**DIAMOND FLOWER, INC.**  
**DIAMOND I/O**

**SERIAL PORT INTERRUPT SELECTION**

| Port 1 (J1) | Port 2 (J2) | SW2/1 | SW2/2 | SW2/3 | SW2/4 |
|-------------|-------------|-------|-------|-------|-------|
| í IRQ4      | í IRQ3      | On    | Off   | On    | Off   |
| IRQ3        | IRQ4        | Off   | On    | Off   | On    |

**SERIAL PORT NORMAL/FORCED TRUE CONFIGURATION**

| Port 1      | Port 2      | J4                              | J5                              |
|-------------|-------------|---------------------------------|---------------------------------|
| í Normal    | í Normal    | Pins 2 & 3, 5 & 6, 8 & 9 closed | Pins 2 & 3, 5 & 6, 8 & 9 closed |
| Forced True | Forced True | Pins 1 & 2, 4 & 5, 7 & 8 closed | Pins 1 & 2, 4 & 5, 7 & 8 closed |

**SERIAL PORT'S DTE/DCE CONFIGURATION**

| Primary serial port J1                                                                  |                                                                                         | Secondary serial port J2                                                                |                                                                                           |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Jumper J6                                                                               |                                                                                         | Jumper J7                                                                               |                                                                                           |
| 1  TX  | 1  TX  | 1  TX  | 1  TX  |
|  RD    |  RD    |  RD    |  RD    |
|  RTS   |  RTS   |  RTS   |  RTS   |
|  CTS   |  CTS   |  CTS   |  CTS   |
| 9  DTR | 9  DTR | 9  DTR | 9  DTR |
| DTE                                                                                     | DCE                                                                                     | DTE                                                                                     | DCE                                                                                       |

**PARALLEL PORT SETTINGS**

| LP1 | SW1/switch 1 | SW1/switch 5 |
|-----|--------------|--------------|
| í 1 | On           | Off          |
| 2   | Off          | On           |

**PARALLEL PORT INTERRUPTS**

| IRC    | SW2/switch 5 | SW2/switch 6 |
|--------|--------------|--------------|
| í IRQ7 | On           | Off          |
| IRQ5   | Off          | On           |

**CLOCK CONFIGURATION**

| Clock     | SW1/switch 2 |
|-----------|--------------|
| í Enabled | On           |
| Disabled  | Off          |

**CLOCK INTERRUPT SELECT**

| IRC    | SW2/switch 7 | SW2/switch 8 |
|--------|--------------|--------------|
| í IRQ2 | Off          | On           |
| IRQ5   | On           | Off          |