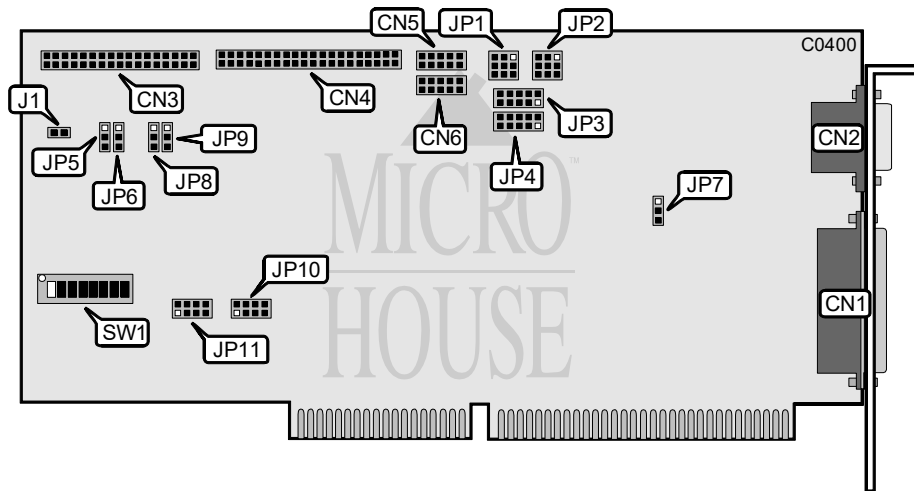


## DIAMOND FLOWER INC. MIO-400AF

Q1/94

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



CONNECTIONS	
Function	Location
25-pin parallel port (LPT1/2/3) - external	CN1
15-pin monochrome video port - external	CN2
40-pin IDE(AT) Interface connector	CN3
34-pin control cable connector - floppy drive	CN4
10-pin serial port (COM2/3/4) - internal	CN6
10-pin serial port (COM1/2/3) - internal	CN5
2-pin connector - Drive active LED	J1

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
i IDE low reset signal enabled	JP5	pins 2 & 3 closed
IDE high reset signal enabled	JP5	pins 1 & 2 closed
i Bus speed <10MHz enabled	JP6	pins 2 & 3 closed
Bus speed >10MHz enabled	JP6	pins 1 & 2 closed
i Parallel port Interrupt Request IRQ 7 enabled	JP7	pins 2 & 3 closed
Parallel port Interrupt Request IRQ 5 enabled	JP7	pins 1 & 2 closed

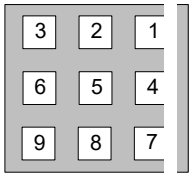
Continued on next page . . .

# DIAMOND FLOWER INC.

## MIO-400AF

... continued from previous page

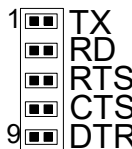
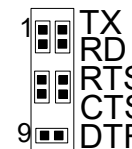
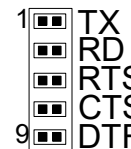
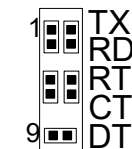
USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Single speed floppy drives supported	JP8	pins 2 & 3 closed
Dual speed floppy drives supported	JP8	pins 1 & 2 closed
í Video display port enabled	JP9	pins 2 & 3 closed
Video display port disabled	JP9	pins 1 & 2 closed
í Floppy drive enabled	SW1/switch 5	closed
Floppy drive disabled	SW1/switch 5	open
í Hard drive enabled	SW1/switch 6	closed
Hard drive disabled	SW1/switch 6	open

SERIAL PORT NORMAL/FORCED TRUE CONFIGURATION			
			
Port 1 (CN5)	Port 2 (CN6)	JP1	JP2
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

Continued on next page ...

# DIAMOND FLOWER INC. MIO-400AF

... continued from previous page

SERIAL PORT'S DTE/DCE CONFIGURATION			
Serial port 1 (CN5)		Serial port 2 (CN6)	
Jumper JP3		Jumper JP4	
 DTE	 DCE	 DTE	 DCE

SERIAL PORT 1 (CN5) INTERRUPT REQUEST				
IRQ	JP10/jumper 1	JP10/ jumper 2	JP10/ jumper 3	JP10/ jumper 4
2	closed	open	open	open
3	open	closed	open	open
4	open	open	closed	open
5	open	open	open	closed

SERIAL PORT 2 (CN6) INTERRUPT REQUEST				
IRQ	JP11/jumper 1	JP11/ jumper 2	JP11/ jumper 3	JP11/ jumper 4
2	closed	open	open	open
3	open	closed	open	open
4	open	open	closed	open
5	open	open	open	closed

SERIAL PORT CONFIGURATION - SW1					
CN5	CN6	Switch 1	Switch 2	Switch 7	Switch 8
COM1	COM2	On	On	On	On
COM1	Disabled	Off	Off	On	Off
Disabled	COM2	N/A	N/A	Off	On
COM2	COM3	Off	On	On	On
COM3	COM4	On	Off	On	On
Disabled	Disabled	N/A	Off	Off	Off

PARALLEL PORT (CN1) CONFIGURATION		
LPT	SW /switch 3	SW /switch 4
LPT1	Off	On
LPT2	On	Off
LPT3	Off	Off
Disabled	On	On